

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
 Data File : BF111127.D
 Acq On : 6 Dec 2018 00:28
 Operator : JU/SJ
 Sample : J6160-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

Quant Time: Dec 06 01:09:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	477268	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1881003	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	829935	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1257104	20.00	ng	0.00
76) Chrysene-d12	13.96	240	775594	20.00	ng	0.01
87) Perylene-d12	15.39	264	609961	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3418617	111.77	ng	0.01
7) Phenol-d6	6.44	99	4371262	110.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	2702729	85.07	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	751954	113.98	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3875727	86.74	ng	0.00
79) Terphenyl-d14	12.91	244	2943638	77.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	494625	28.116	ng	98
3) Pyridine	3.30	79	1434701	36.770	ng	98
4) n-Nitrosodimethylamine	3.22	42	844793	43.975	ng	100
6) Aniline	6.47	93	747478	14.200	ng	99
8) 2-Chlorophenol	6.59	128	1410569	40.013	ng	95
9) Benzaldehyde	6.35	77	735475	33.097	ng	98
10) Phenol	6.46	94	1949010	45.369	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	1362016	38.792	ng	97
12) 1,3-Dichlorobenzene	6.75	146	1449915	38.672	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1453274	38.518	ng	97
14) 1,2-Dichlorobenzene	6.98	146	1368388	38.988	ng	98
15) Benzyl Alcohol	6.95	79	1264315	40.501	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2660928	38.960	ng	100
17) 2-Methylphenol	7.06	107	1189805	41.115	ng	99
18) Hexachloroethane	7.32	117	494885	34.965	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	1013807	38.290	ng	95
20) 3+4-Methylphenols	7.21	107	1426551	40.418	ng	95
22) Acetophenone	7.22	105	1888755	41.551	ng	# 92
24) Nitrobenzene	7.39	77	1466085	42.892	ng	98
25) Isophorone	7.63	82	2674244	45.864	ng	99
26) 2-Nitrophenol	7.70	139	647502	44.833	ng	96
27) 2,4-Dimethylphenol	7.75	122	1194061	43.900	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	1729260	43.809	ng	98
29) 2,4-Dichlorophenol	7.95	162	1134442	42.365	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1111588	41.128	ng	99
31) Naphthalene	8.12	128	3711820	45.323	ng	98
32) Benzoic acid	7.82	122	200911	11.201	ng	98
33) 4-Chloroaniline	8.15	127	272185	6.876	ng	95
34) Hexachlorobutadiene	8.24	225	582427	39.653	ng	97
35) Caprolactam	8.52	113	273904	27.859	ng	95
36) 4-Chloro-3-methylphenol	8.64	107	1265055	43.131	ng	99
37) 2-Methylnaphthalene	8.80	142	2533241	44.843	ng	99
38) 1-Methylnaphthalene	8.90	142	2391836	44.039	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	932372	42.152	ng	99

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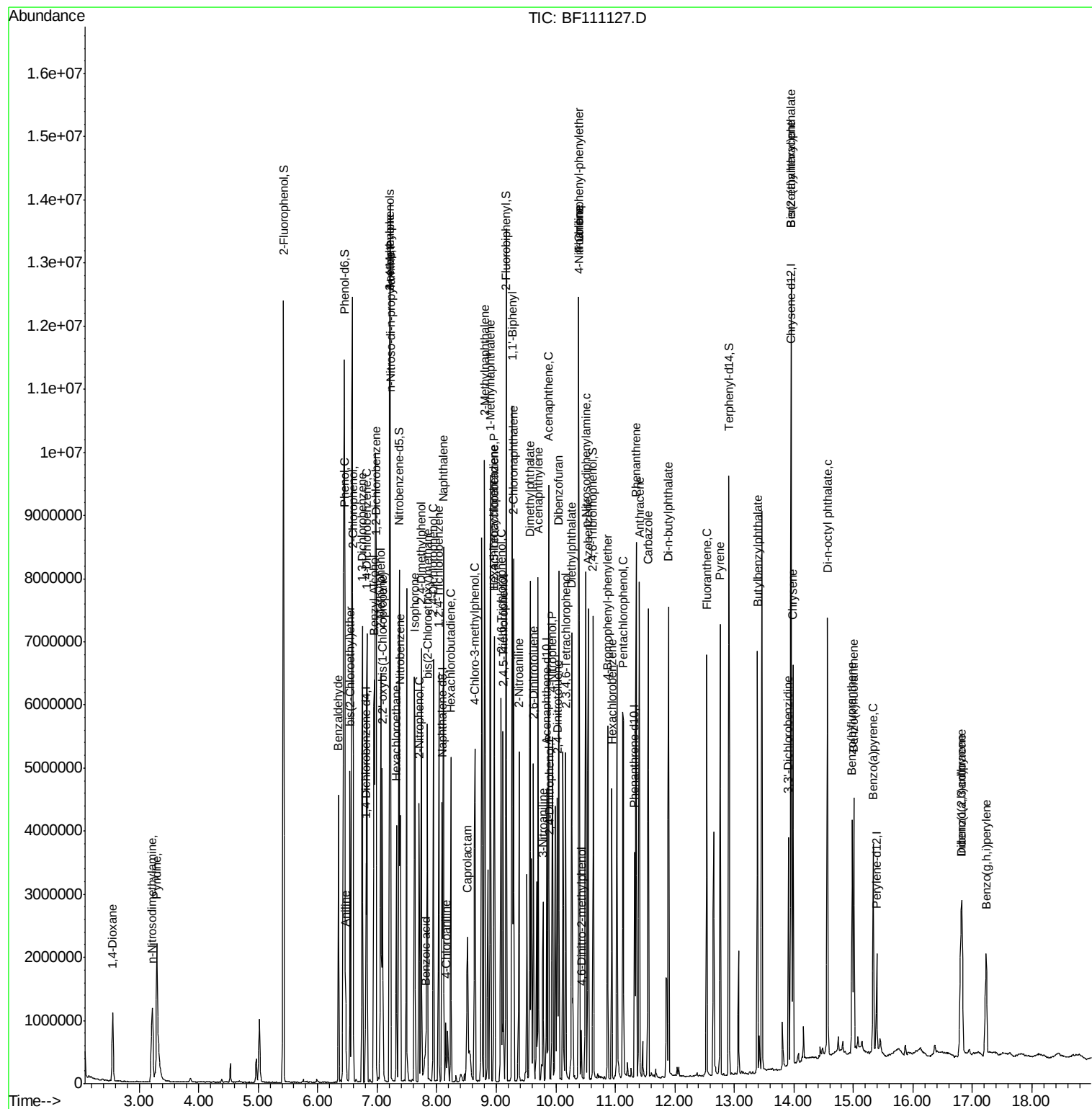
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	377394	32.357	ng	96
43) 2,4,6-Trichlorophenol	9.08	196	709321	43.907	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	741135	45.256	ng	97
46) 1,1'-Biphenyl	9.27	154	2767301	40.731	ng	99
47) 2-Chloronaphthalene	9.29	162	2222681	42.101	ng	99
48) 2-Nitroaniline	9.38	65	775103	45.304	ng	97
49) Acenaphthylene	9.70	152	3358551	45.512	ng	99
50) Dimethylphthalate	9.57	163	2920272	50.558	ng	99
51) 2,6-Dinitrotoluene	9.62	165	566486	46.259	ng	88
52) Acenaphthene	9.88	154	1986973	40.756	ng	99
53) 3-Nitroaniline	9.79	138	350515	22.787	ng	99
54) 2,4-Dinitrophenol	9.89	184	52407	18.996	ng	# 85
55) Dibenzofuran	10.05	168	2911168	43.353	ng	97
56) 4-Nitrophenol	9.95	139	954525	82.346	ng	# 83
57) 2,4-Dinitrotoluene	10.03	165	705411	44.601	ng	98
58) Fluorene	10.39	166	2114588	44.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	545351	44.618	ng	# 92
60) Diethylphthalate	10.27	149	2515543	43.579	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	977276	41.878	ng	97
62) 4-Nitroaniline	10.40	138	502041	36.162	ng	97
63) Azobenzene	10.55	77	2450454	39.874	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	74464	14.338	ng	94
66) n-Nitrosodiphenylamine	10.50	169	1965192	44.645	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	590119	44.346	ng	93
68) Hexachlorobenzene	10.95	284	568995	41.817	ng	96
69) Atrazine	11.03	200	605834	Below Cal		96
70) Pentachlorophenol	11.13	266	644512	72.028	ng	97
71) Phenanthrene	11.35	178	2809814	46.467	ng	98
72) Anthracene	11.40	178	2839142	46.580	ng	98
73) Carbazole	11.55	167	2714392	42.798	ng	99
74) Di-n-butylphthalate	11.89	149	3463884	46.657	ng	99
75) Fluoranthene	12.53	202	2662423	44.996	ng	99
77) Benzidine	12.65	184	1205997	Below Cal		99
78) Pyrene	12.76	202	2703305	44.739	ng	99
80) Butylbenzylphthalate	13.39	149	1443262	49.443	ng	99
81) Benzo(a)anthracene	13.95	228	2000233	44.017	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	667139	38.902	ng	98
83) Chrysene	13.99	228	1981308	43.920	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1784072	50.600	ng	99
85) Di-n-octyl phthalate	14.56	149	2986404	53.879	ng	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	1476849	40.774	ng	# 87
88) Benzo(b)fluoranthene	14.98	252	1556939	45.046	ng	98
89) Benzo(k)fluoranthene	15.01	252	1553585	46.496	ng	99
90) Benzo(a)pyrene	15.33	252	1420157	44.796	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1226967	46.119	ng	99
92) Benzo(g,h,i)perylene	17.23	276	1230157	46.013	ng	98

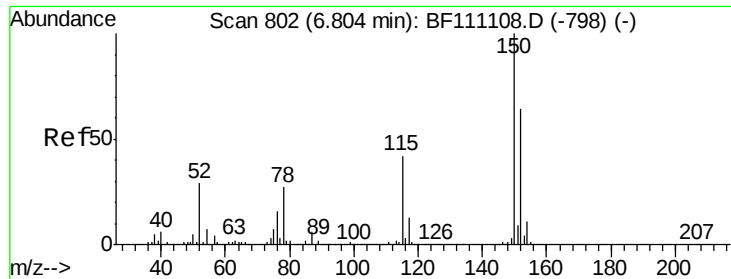
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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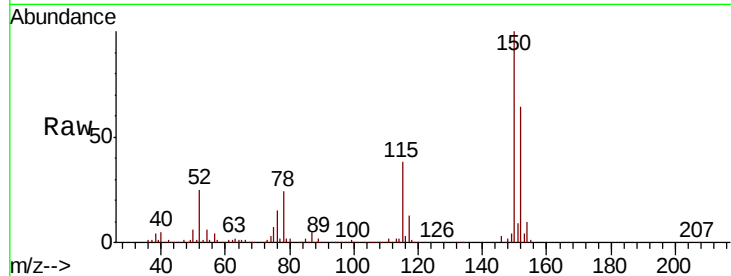


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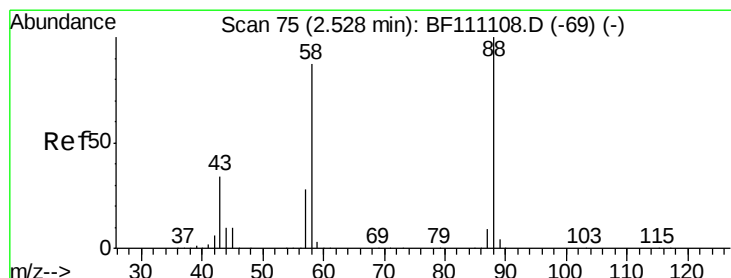
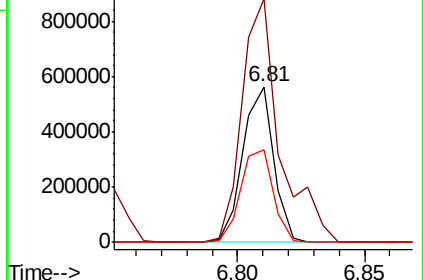
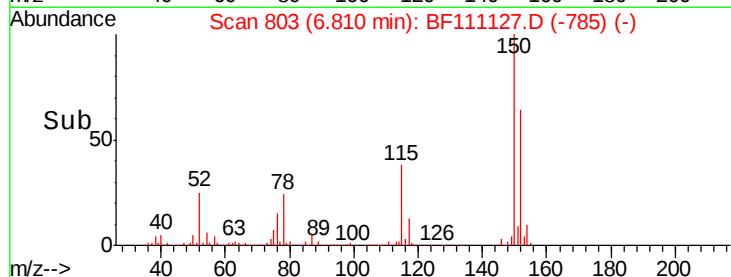
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tgt Ion:152 Resp: 477268
Ion Ratio Lower Upper
152 100
150 156.5 124.6 187.0
115 59.6 52.2 78.2



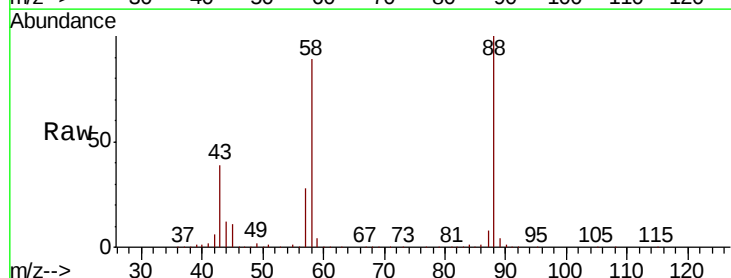
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



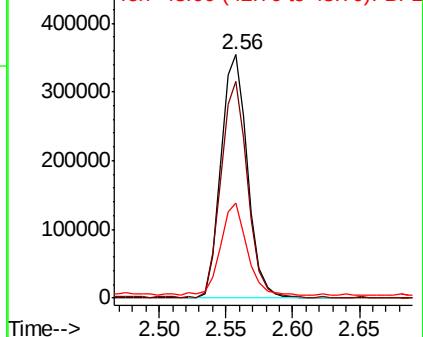
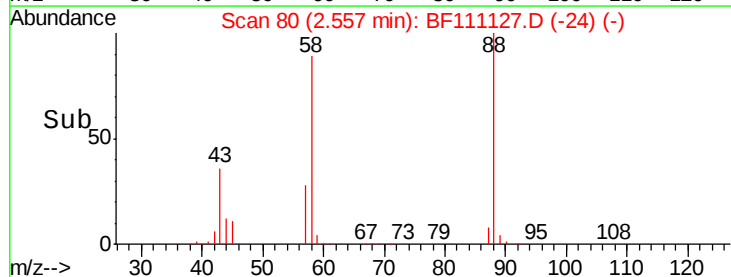
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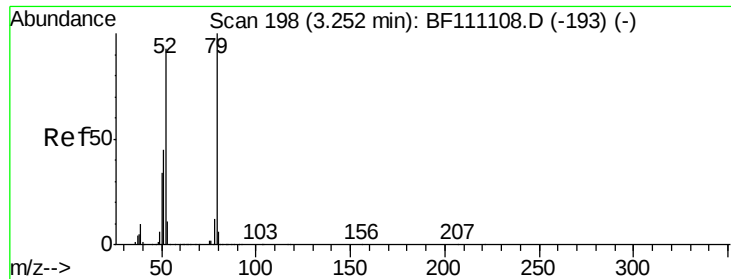
1,4-Dioxane
Concen: 28.116 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.03 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion: 88 Resp: 494625
Ion Ratio Lower Upper
88 100
58 89.2 70.8 106.2
43 38.2 28.3 42.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 36.770 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

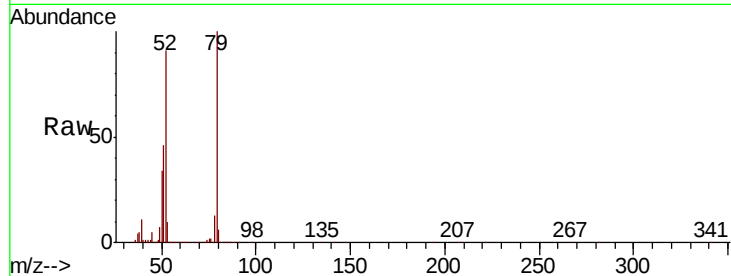
Tgt Ion: 79 Resp: 1434701

Ion Ratio Lower Upper

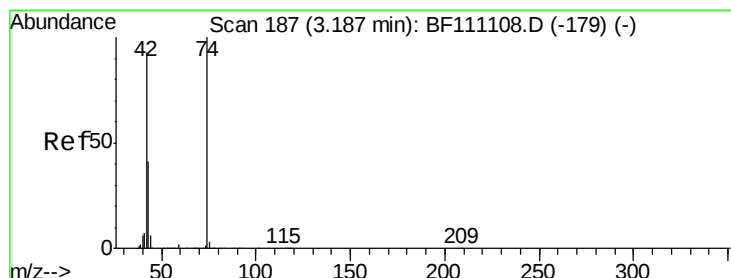
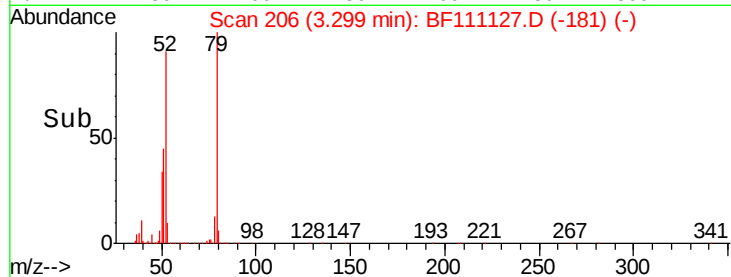
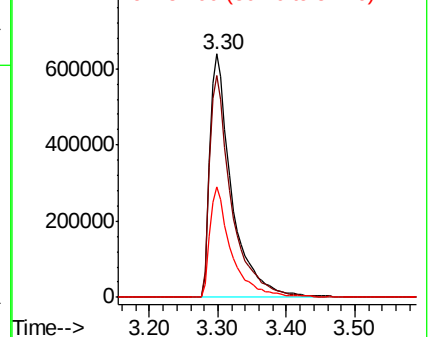
79 100

52 91.2 74.7 112.1

51 45.6 35.9 53.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.975 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.04 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

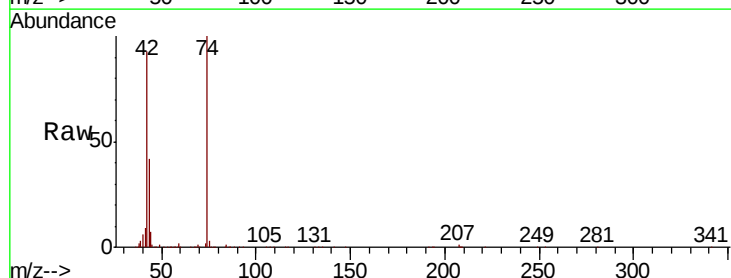
Tgt Ion: 42 Resp: 844793

Ion Ratio Lower Upper

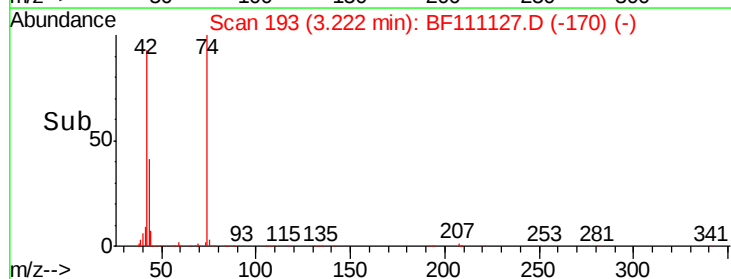
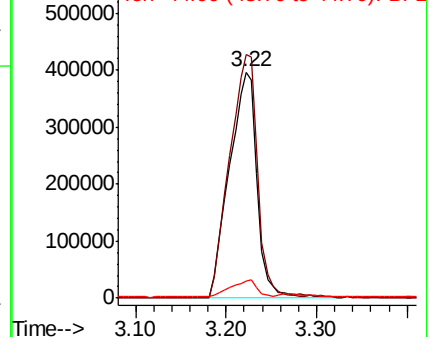
42 100

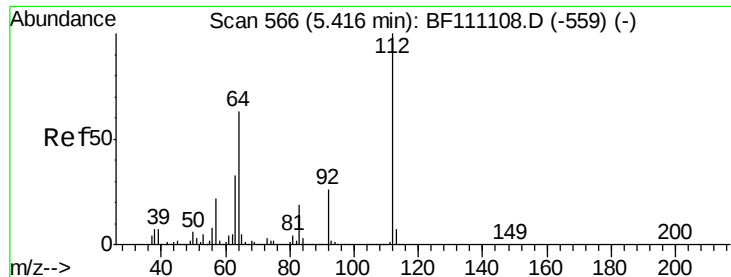
74 107.7 86.2 129.2

44 7.6 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.774 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

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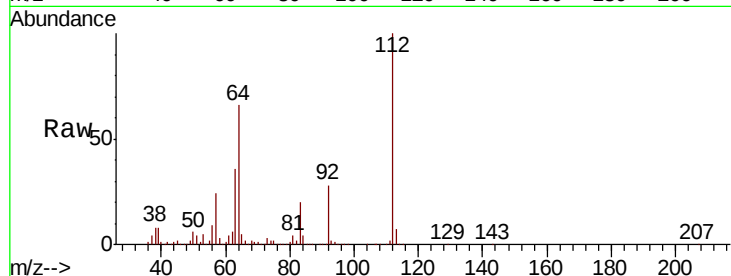
Tgt Ion:112 Resp: 3418617

Ion Ratio Lower Upper

112 100

64 66.3 50.2 75.4

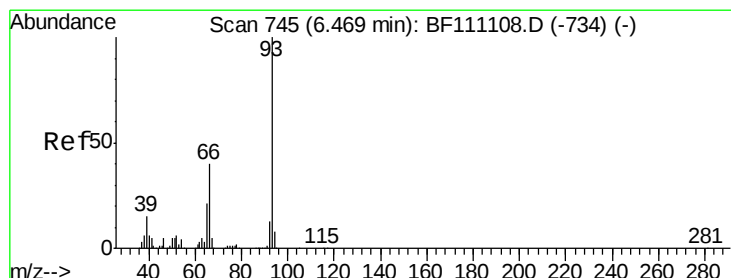
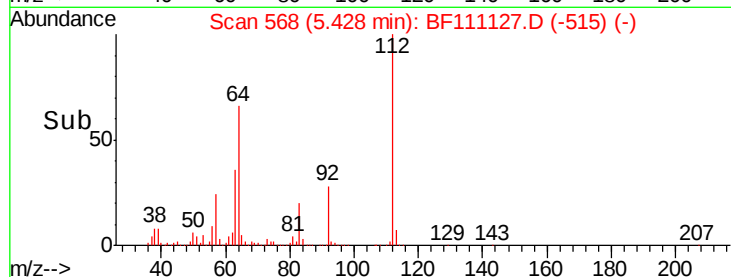
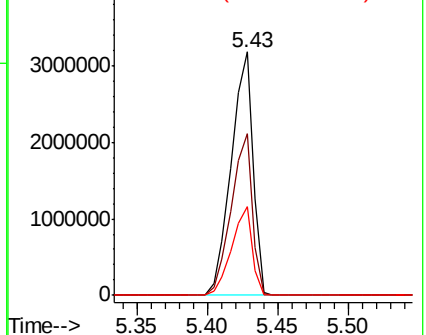
63 36.4 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.200 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF111127.D

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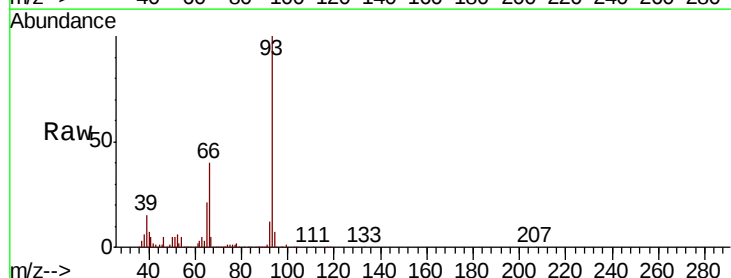
Tgt Ion: 93 Resp: 747478

Ion Ratio Lower Upper

93 100

66 40.3 31.8 47.8

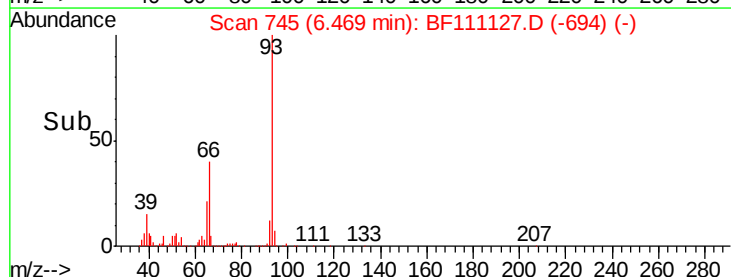
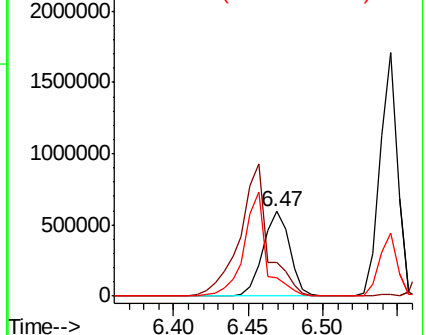
65 21.4 16.6 24.8

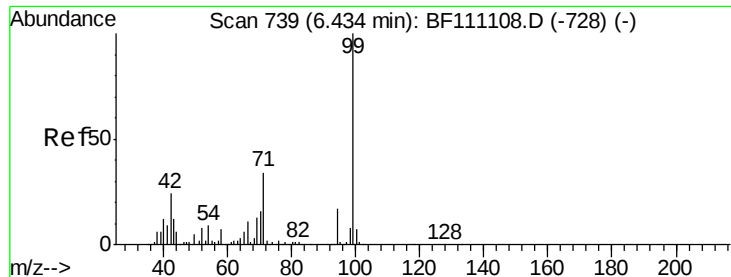


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.949 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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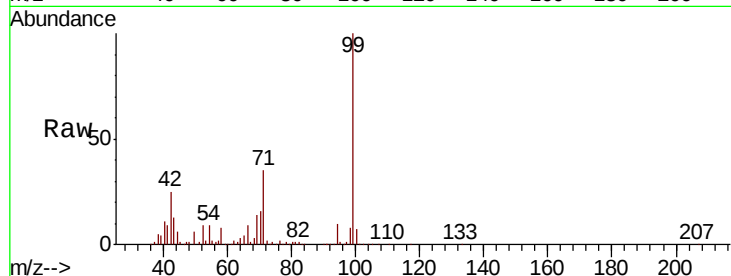
Tgt Ion: 99 Resp: 4371262

Ion Ratio Lower Upper

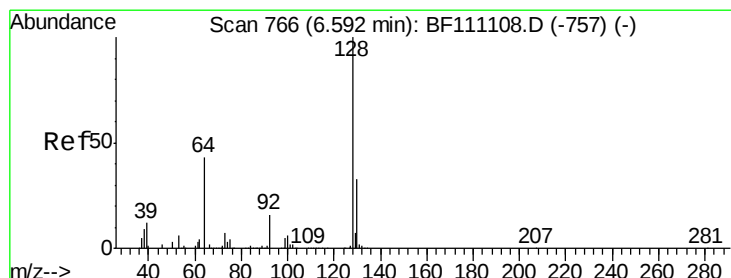
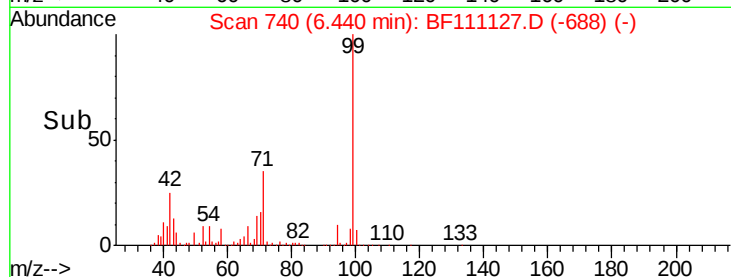
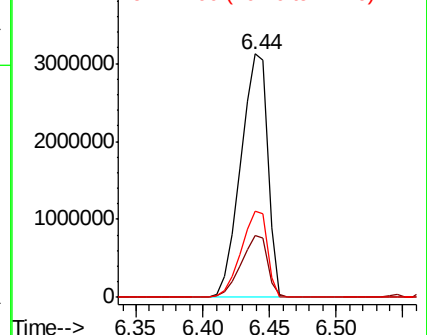
99 100

42 25.1 19.3 28.9

71 35.4 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.013 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

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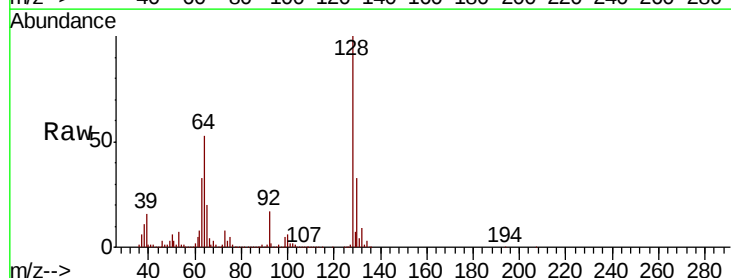
Tgt Ion: 128 Resp: 1410569

Ion Ratio Lower Upper

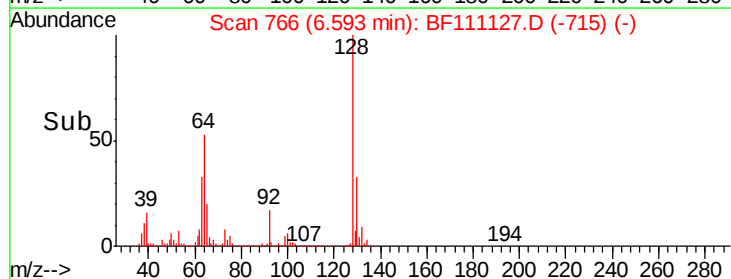
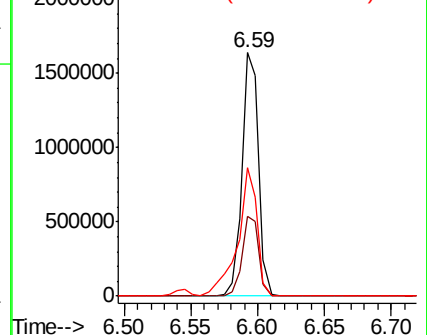
128 100

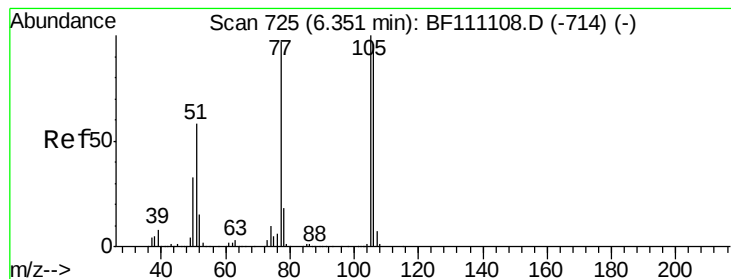
130 32.9 12.8 52.8

64 52.6 26.6 66.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.097 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

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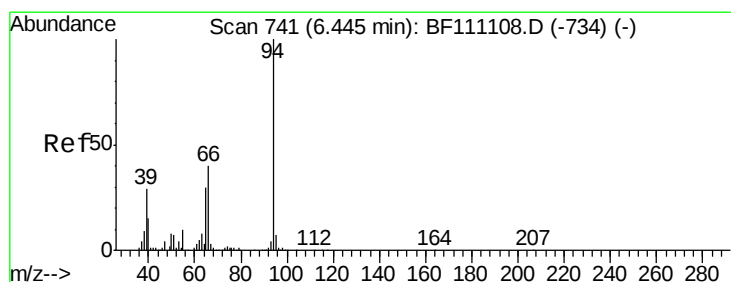
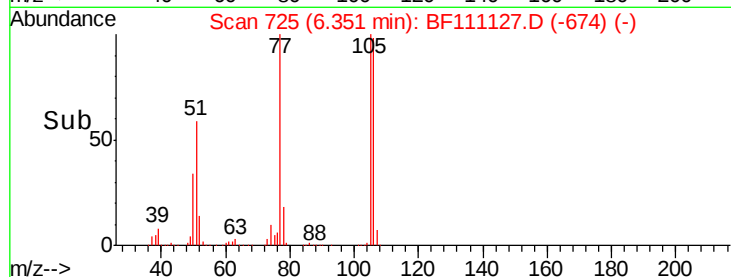
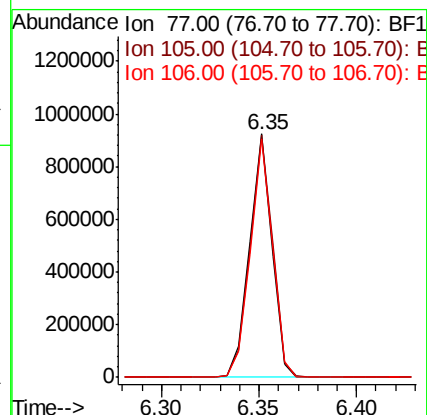
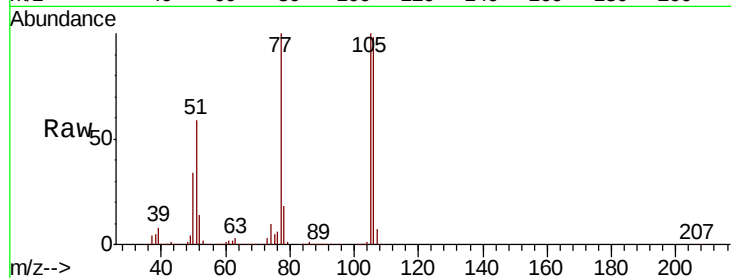
Tgt Ion: 77 Resp: 735475

Ion Ratio Lower Upper

77 100

105 99.6 83.1 123.1

106 97.9 79.0 119.0



#10

Phenol

Concen: 45.369 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

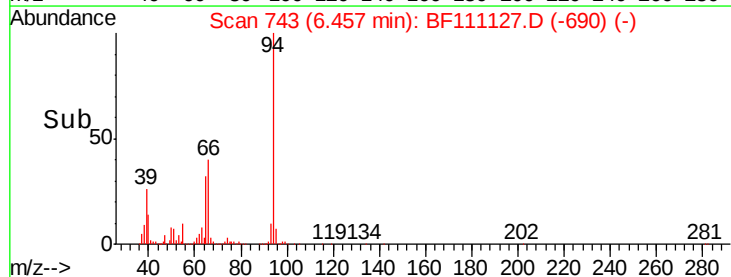
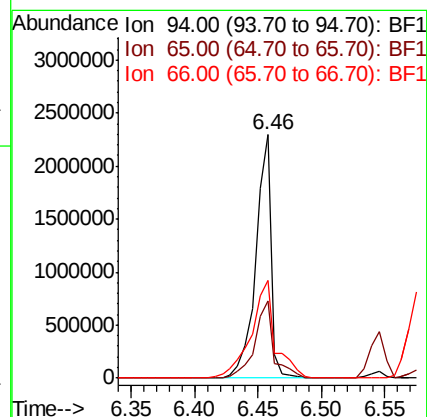
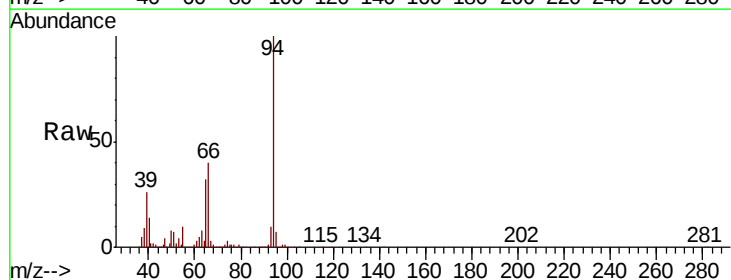
Tgt Ion: 94 Resp: 1949010

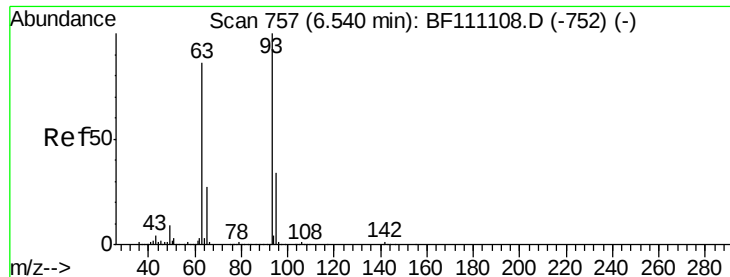
Ion Ratio Lower Upper

94 100

65 31.6 10.5 50.5

66 40.4 19.8 59.8

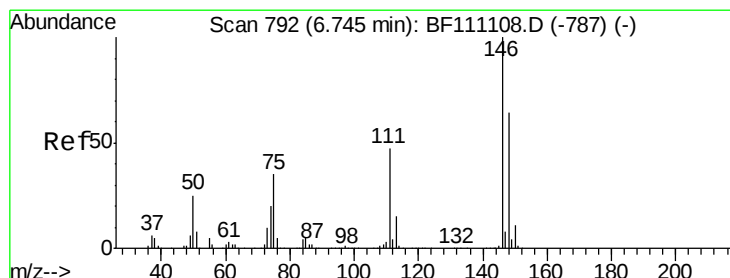
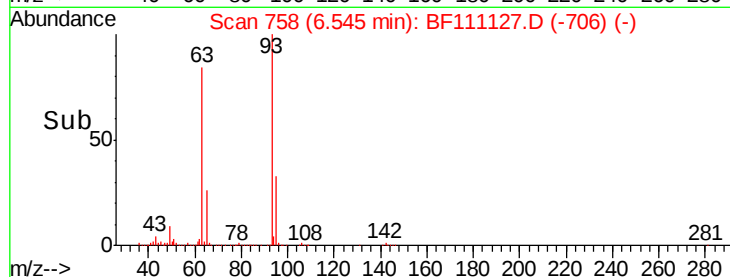
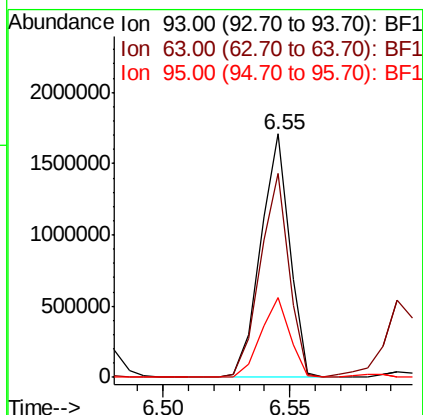
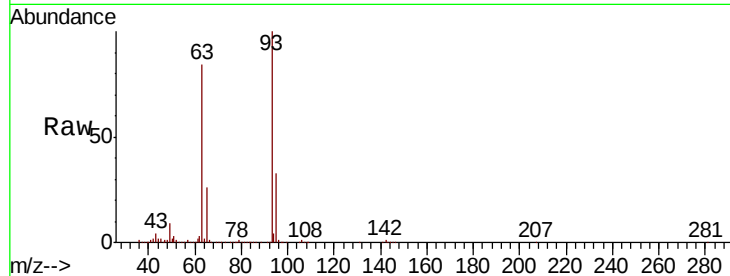




#11
bis(2-Chloroethyl)ether
Concen: 38.792 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

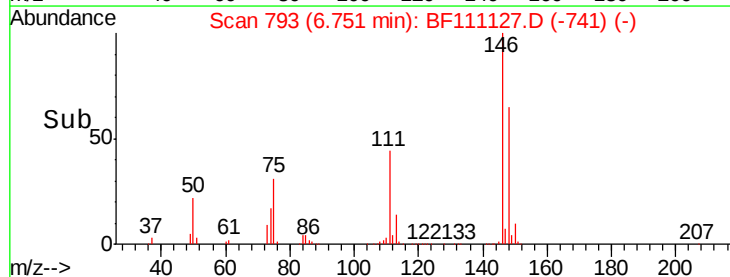
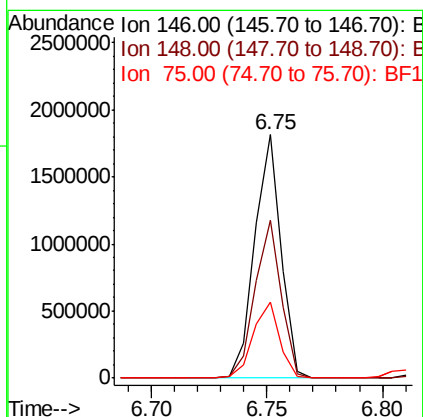
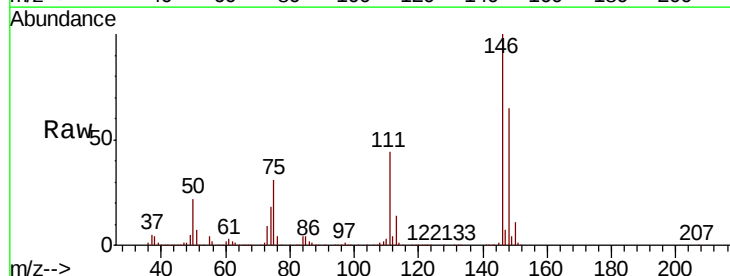
Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

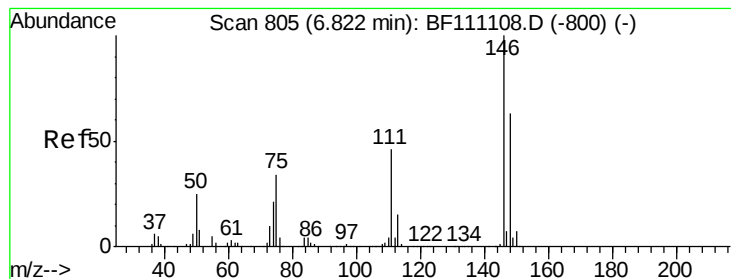
Tgt Ion: 93 Resp: 1362016
Ion Ratio Lower Upper
93 100
63 83.7 66.0 106.0
95 32.7 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 38.672 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion:146 Resp: 1449915
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 31.4 27.7 41.5





#13

1,4-Dichlorobenzene

Concen: 38.518 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

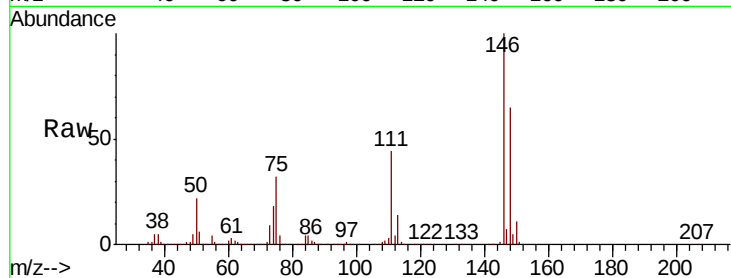
Tgt Ion:146 Resp: 1453274

Ion Ratio Lower Upper

146 100

148 65.3 50.3 75.5

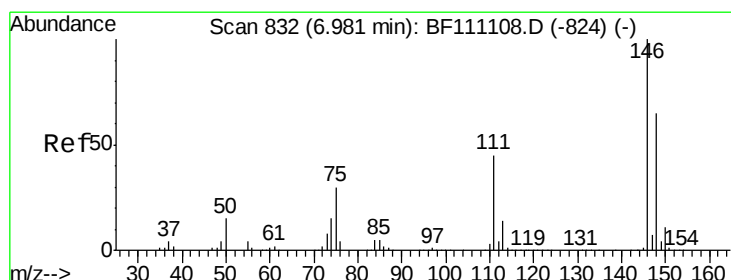
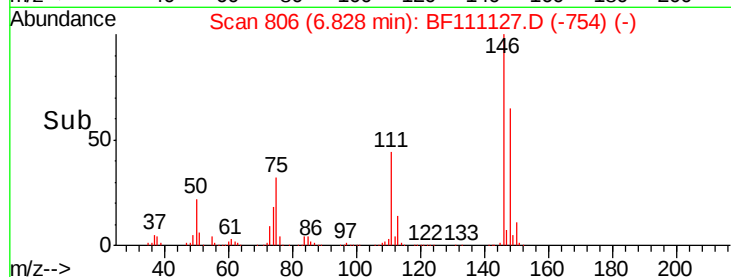
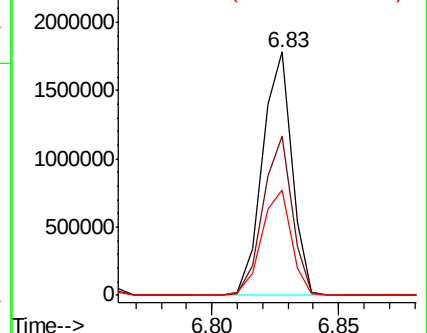
111 43.5 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.988 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

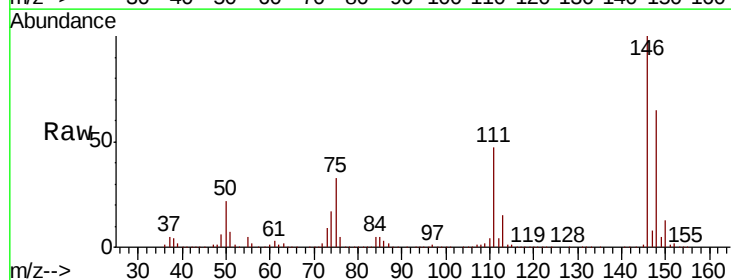
Tgt Ion:146 Resp: 1368388

Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.6

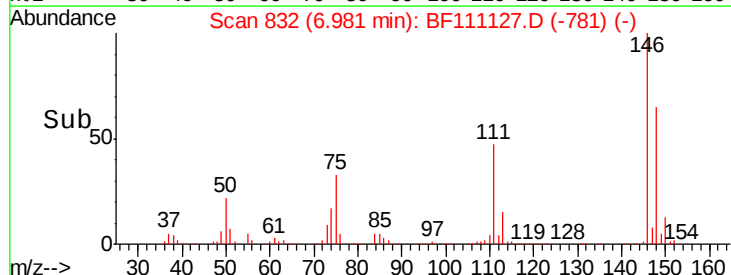
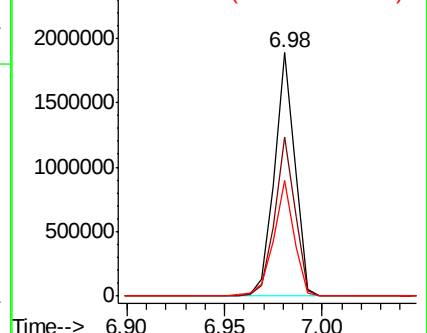
111 47.4 35.7 53.5

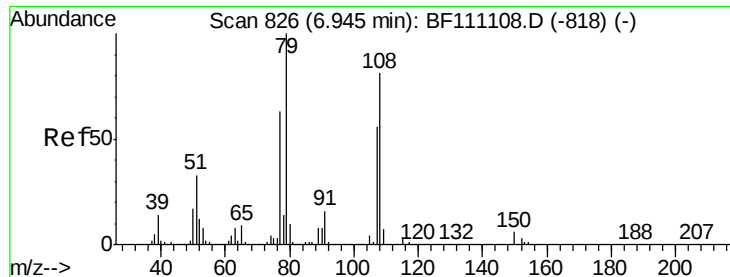


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.501 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

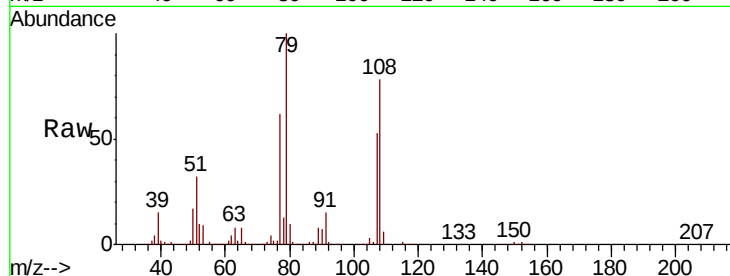
Tgt Ion: 79 Resp: 1264315

Ion Ratio Lower Upper

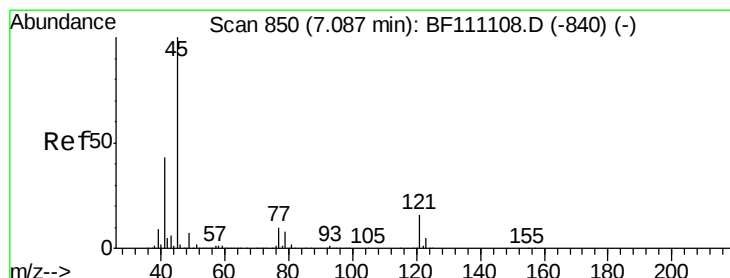
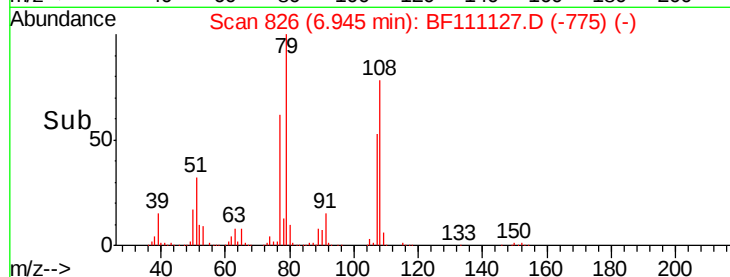
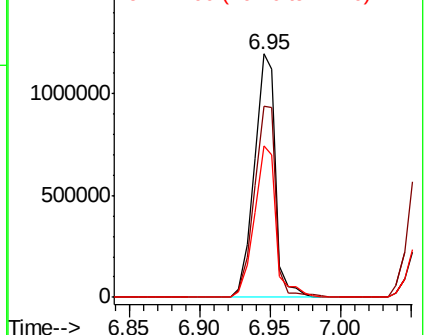
79 100

108 78.5 64.5 96.7

77 62.2 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.960 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

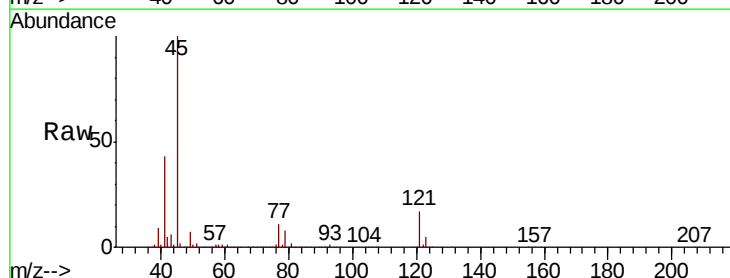
Tgt Ion: 45 Resp: 2660928

Ion Ratio Lower Upper

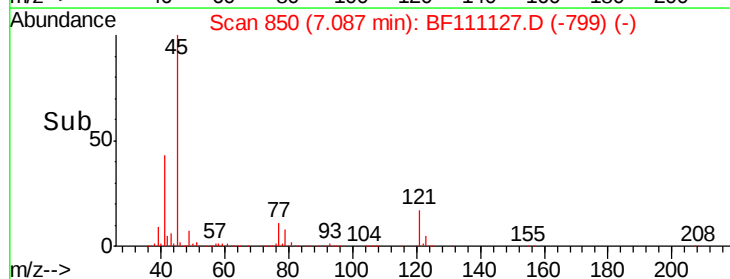
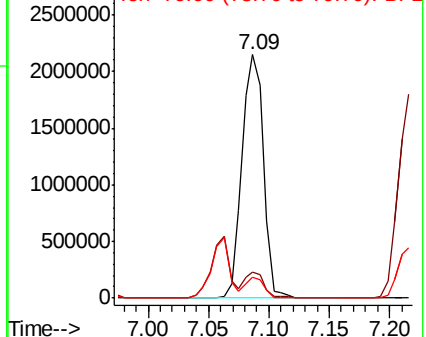
45 100

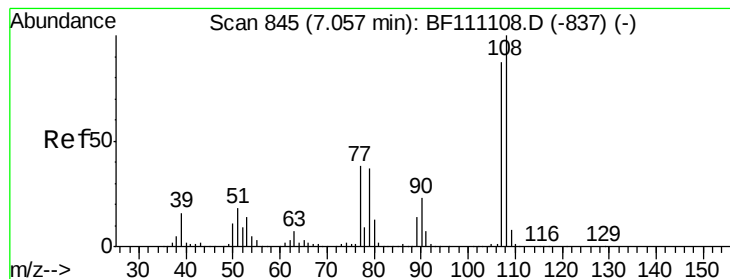
77 10.6 0.0 30.6

79 8.5 0.0 28.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.115 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

Tgt Ion:107 Resp: 1189805

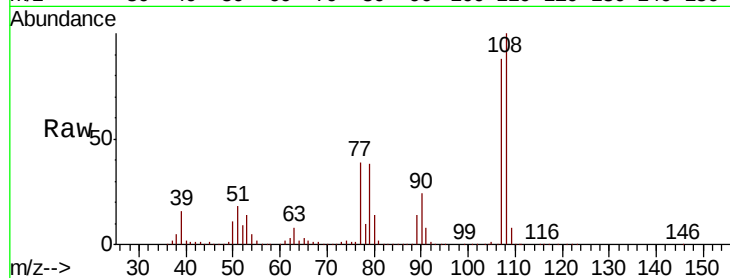
Ion Ratio Lower Upper

107 100

108 113.2 91.8 137.8

77 44.2 34.7 52.1

79 43.4 34.2 51.2

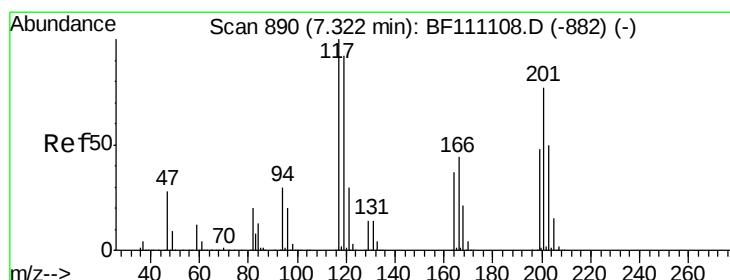
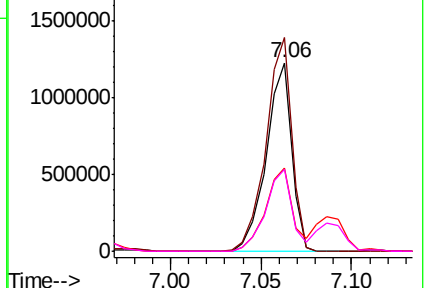
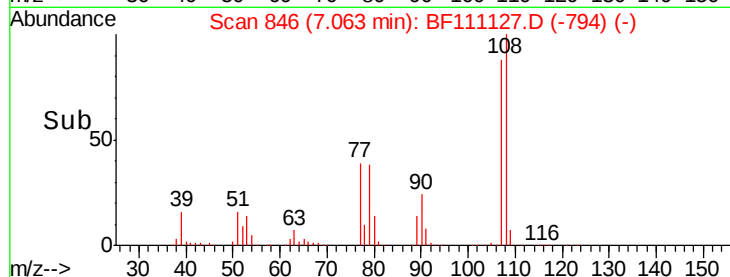


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.965 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

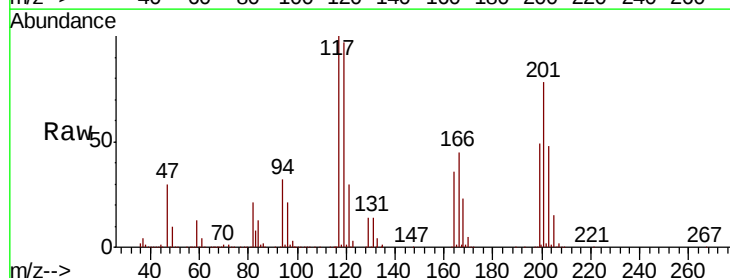
Tgt Ion:117 Resp: 494885

Ion Ratio Lower Upper

117 100

119 96.9 73.8 110.6

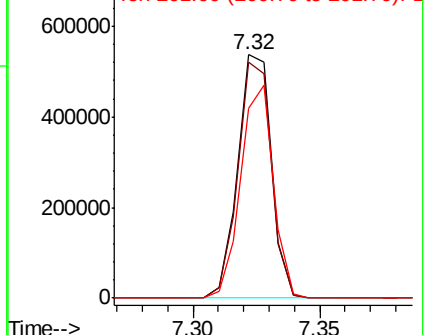
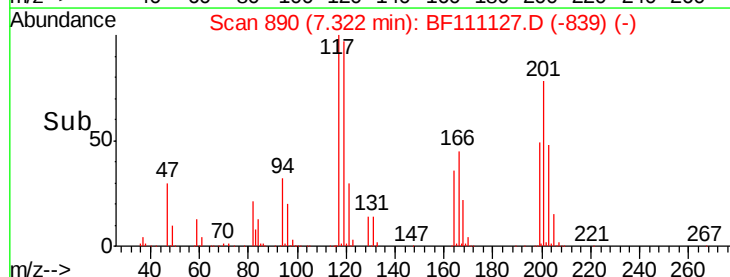
201 77.9 61.2 91.8

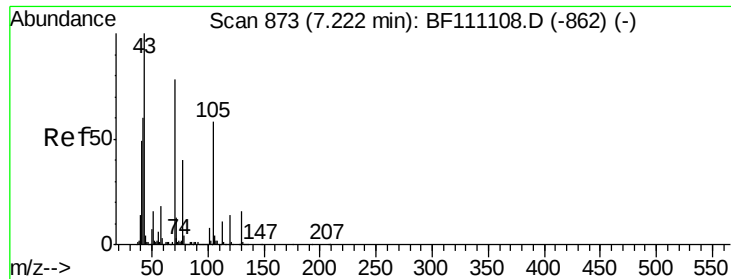


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

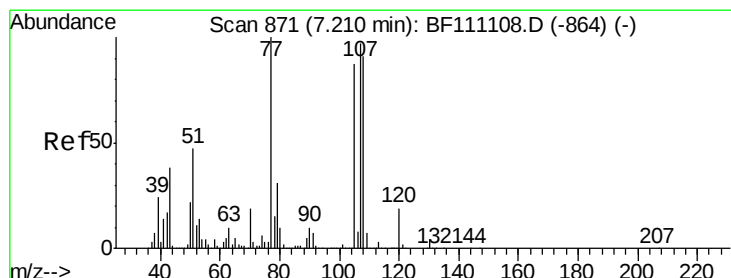
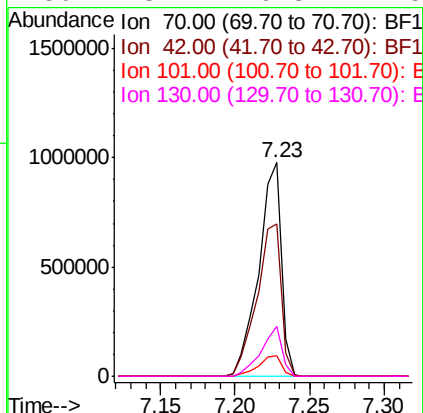
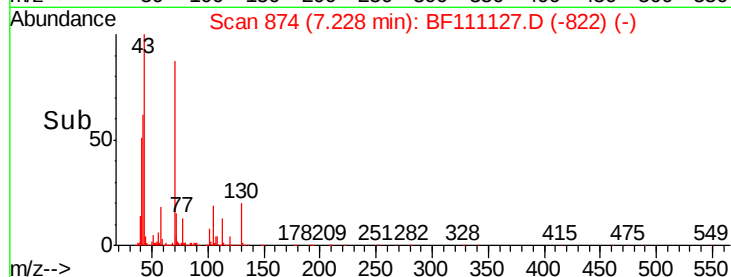
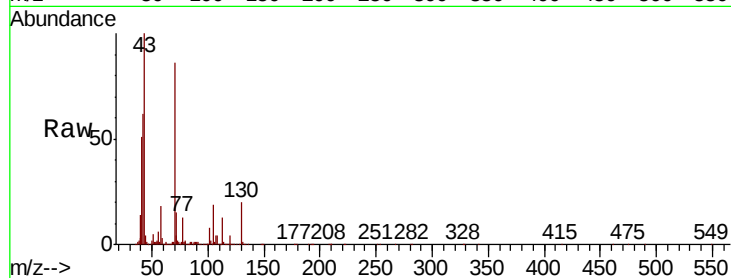




#19
n-Nitroso-di-n-propylamine
Concen: 38.290 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

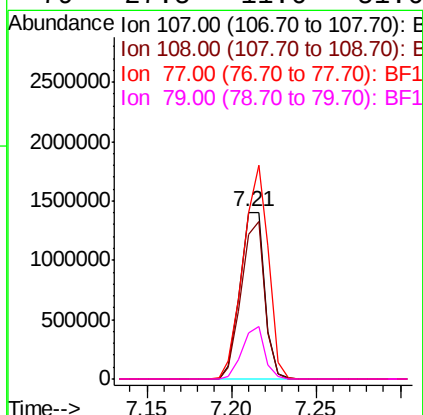
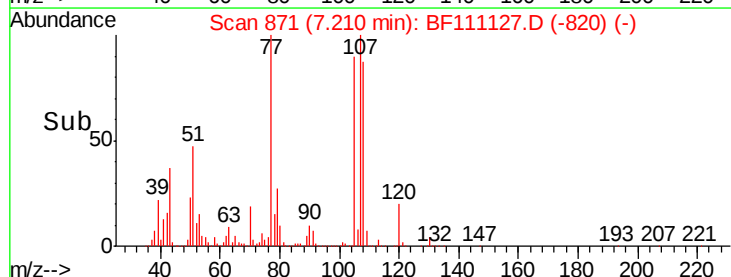
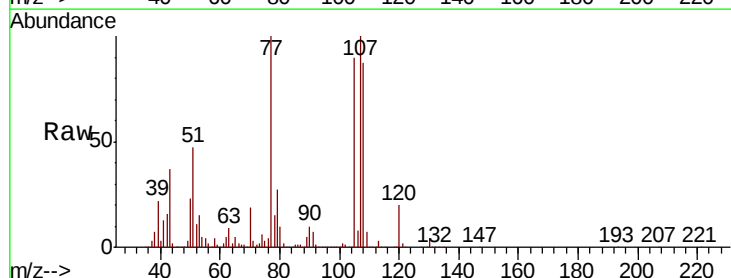
Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

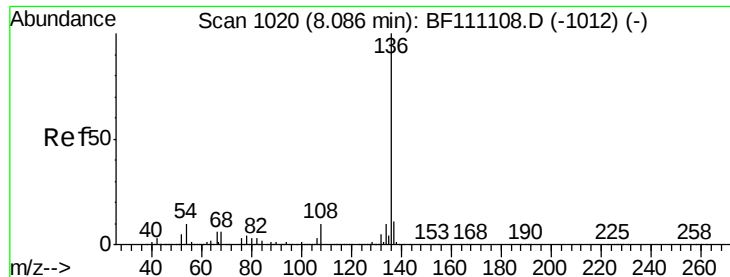
Tgt Ion: 70 Resp: 1013807
Ion Ratio Lower Upper
70 100
42 71.6 61.3 91.9
101 9.6 7.7 11.5
130 23.2 16.3 24.5



#20
3+4-Methylphenols
Concen: 40.418 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion: 107 Resp: 1426551
Ion Ratio Lower Upper
107 100
108 87.2 74.0 114.0
77 100.1 83.2 123.2
79 27.5 11.6 51.6

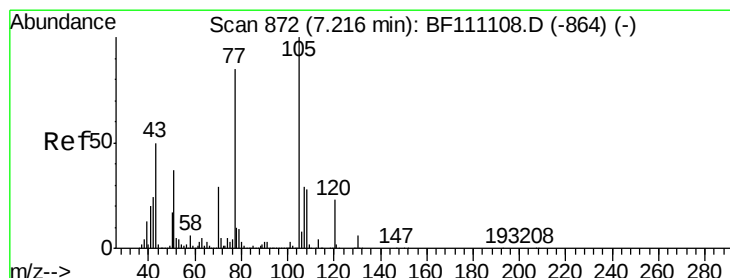
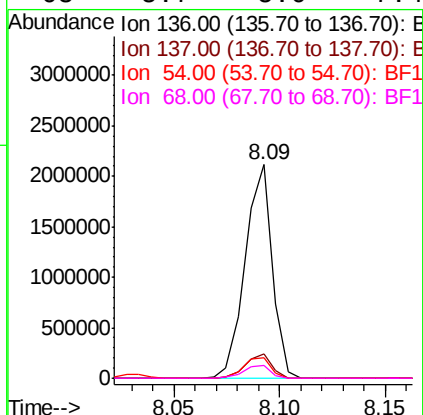
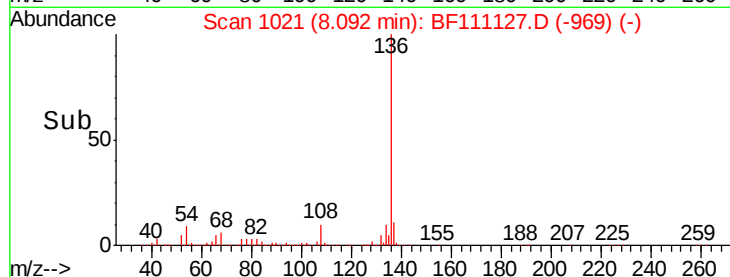
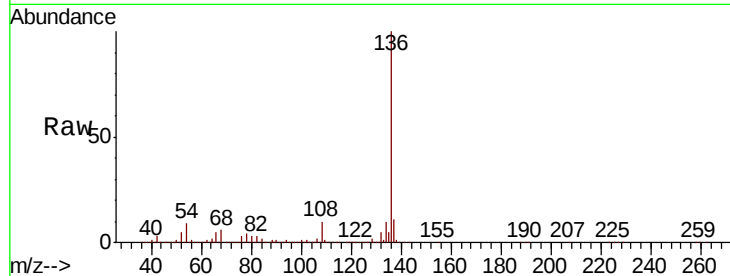




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

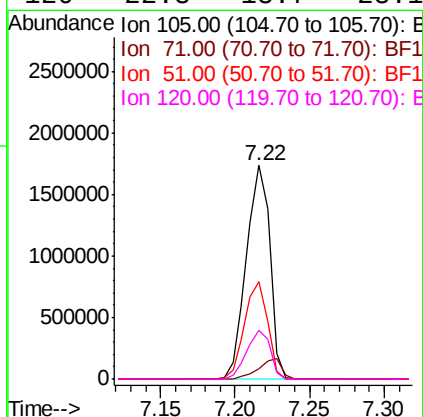
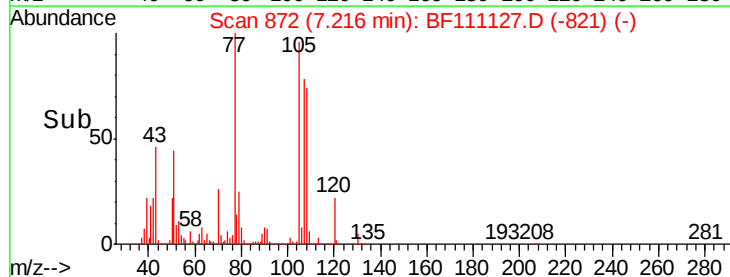
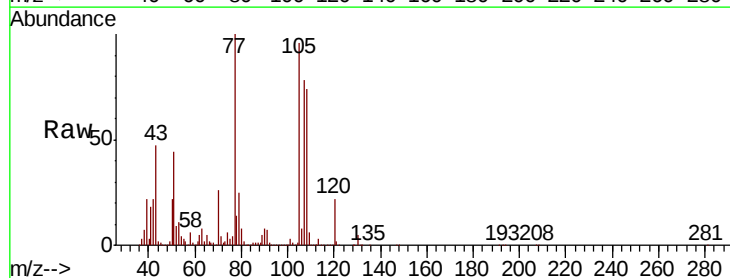
Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

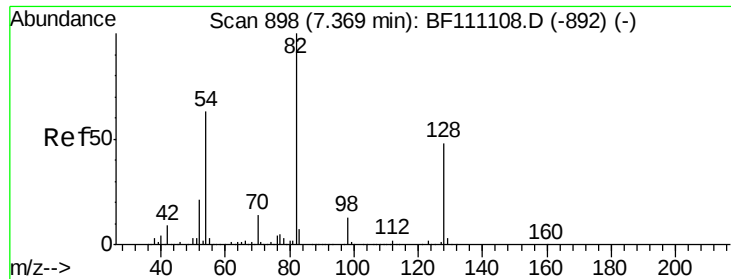
Tgt Ion:	136	Resp:	1881003
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.4	8.4	12.6
68	5.7	5.0	7.4



#22
Acetophenone
Concen: 41.551 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion:	105	Resp:	1888755
Ion	Ratio	Lower	Upper
105	100		
71	4.5	4.0	6.0
51	45.7	29.8	44.8#
120	22.8	18.7	28.1

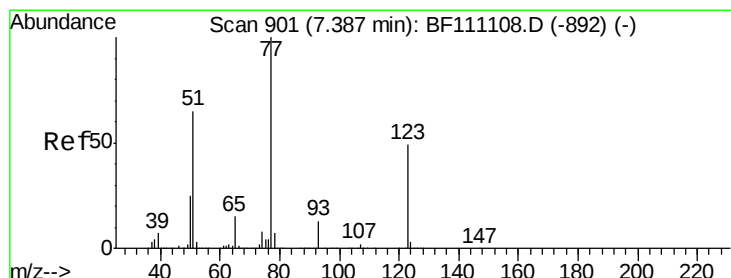
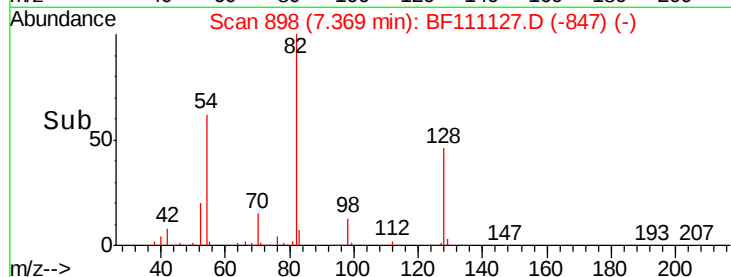
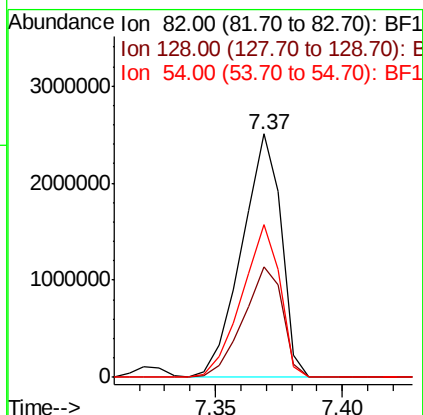
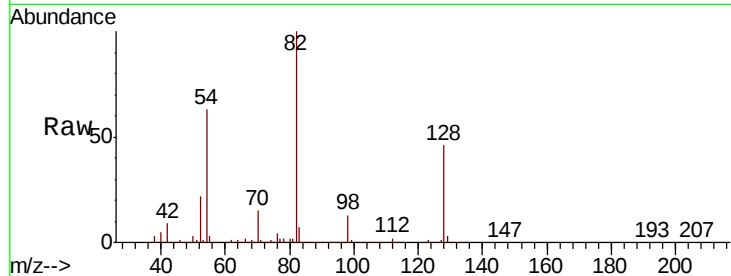




#23
Nitrobenzene-d5
Concen: 85.067 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

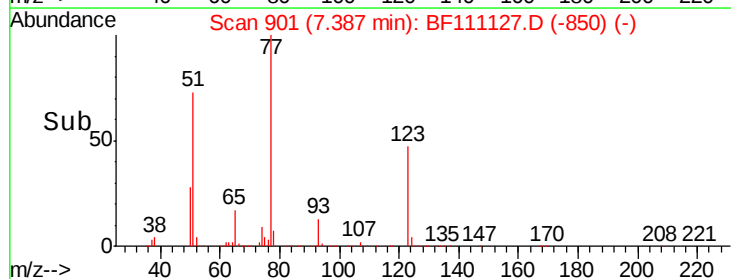
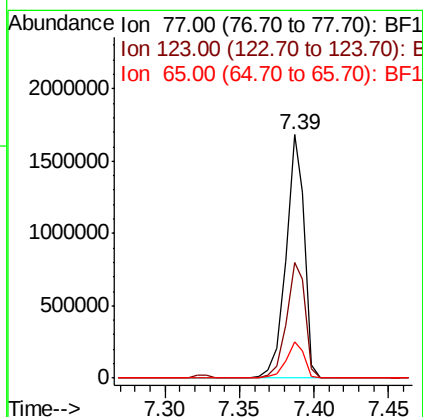
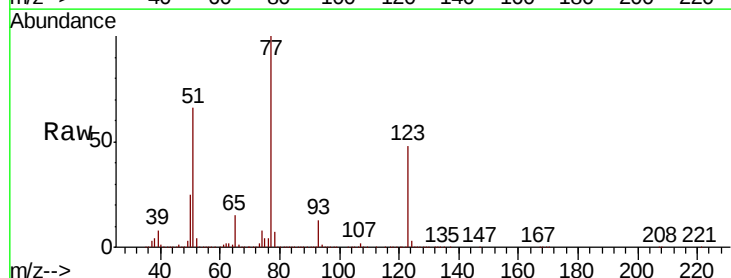
Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

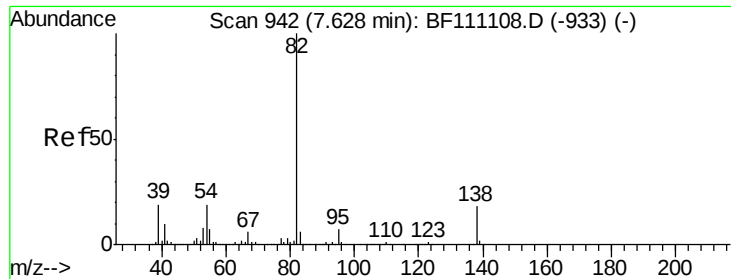
Tgt Ion: 82 Resp: 2702729
Ion Ratio Lower Upper
82 100
128 45.6 38.1 57.1
54 62.8 50.3 75.5



#24
Nitrobenzene
Concen: 42.892 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion: 77 Resp: 1466085
Ion Ratio Lower Upper
77 100
123 47.5 39.5 59.3
65 15.1 11.8 17.6





#25

Isophorone

Concen: 45.864 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

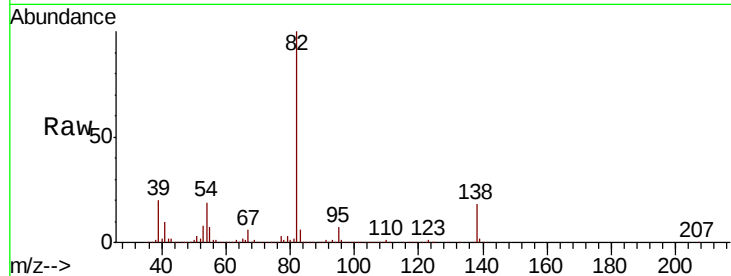
Tgt Ion: 82 Resp: 2674244

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

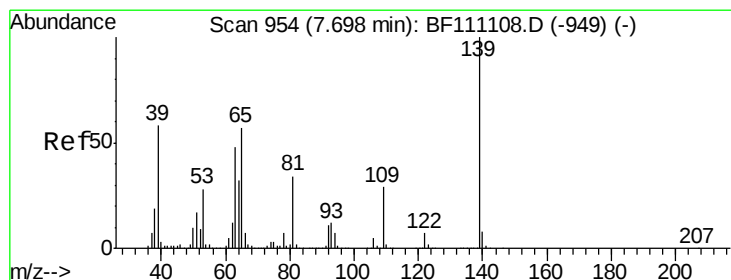
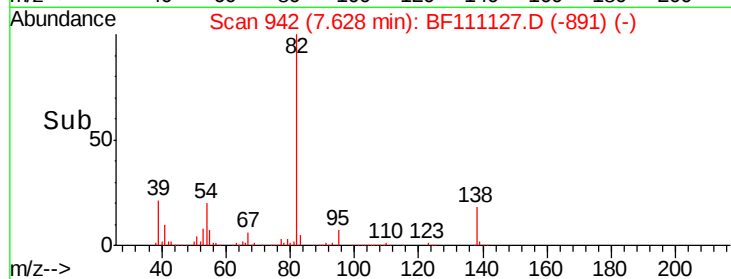
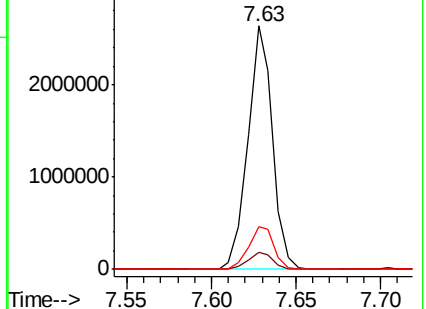
138 17.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.833 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

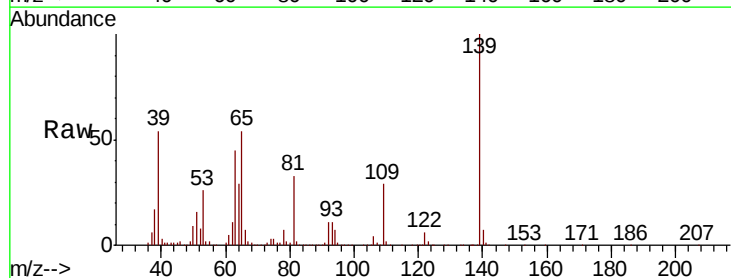
Tgt Ion: 139 Resp: 647502

Ion Ratio Lower Upper

139 100

109 28.7 23.1 34.7

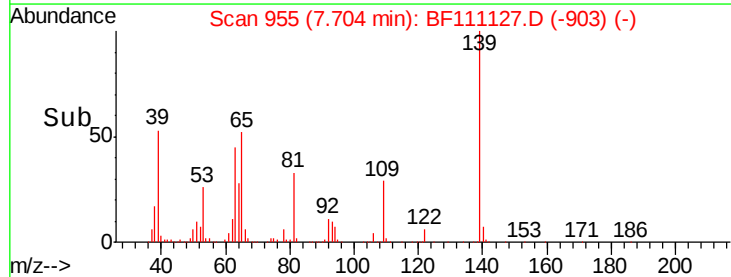
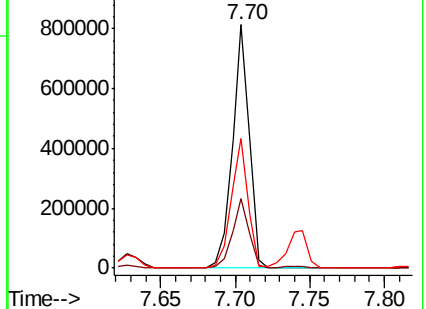
65 53.5 45.9 68.9

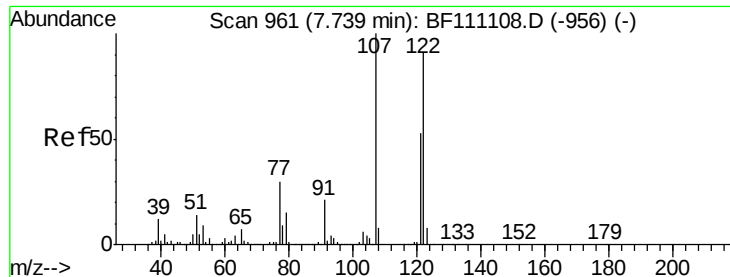


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.900 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

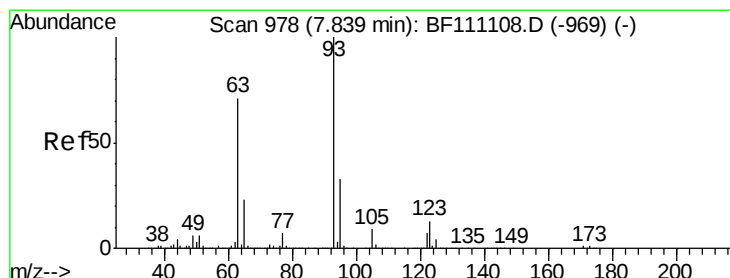
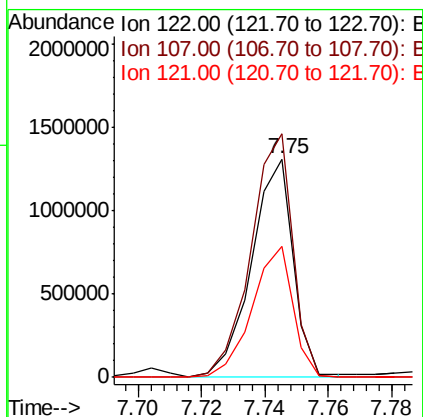
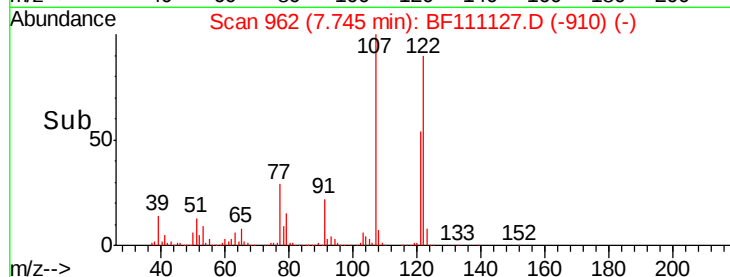
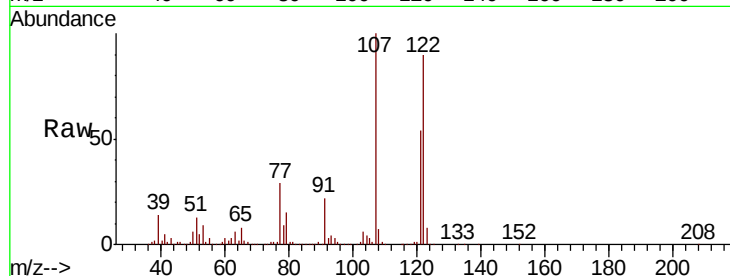
Tgt Ion:122 Resp: 1194061

Ion Ratio Lower Upper

122 100

107 111.4 87.4 131.0

121 60.1 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.809 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

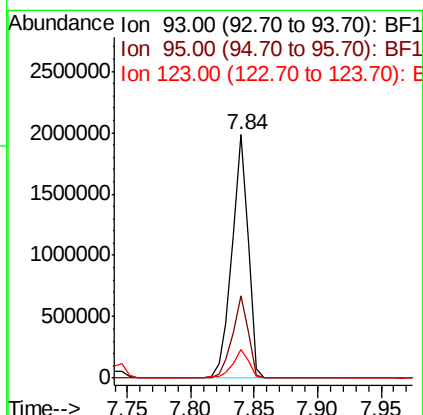
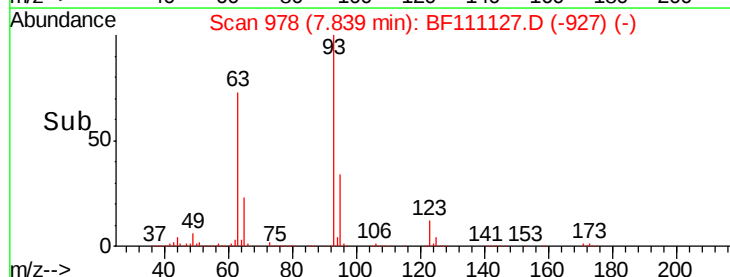
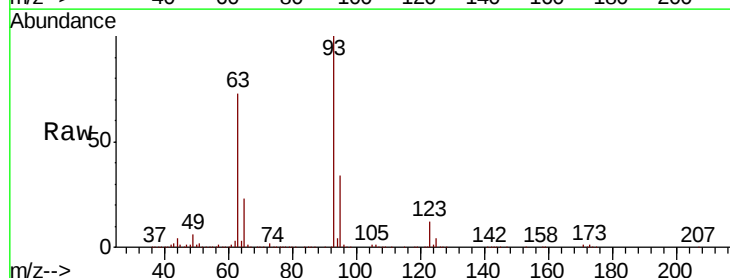
Tgt Ion: 93 Resp: 1729260

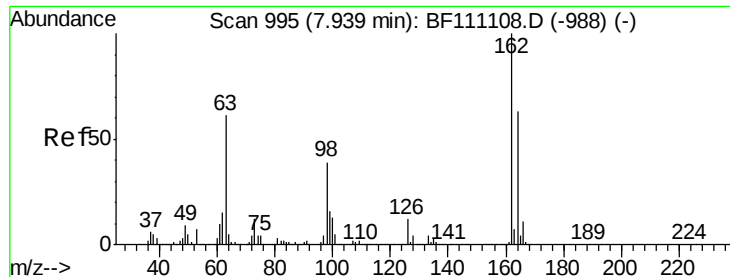
Ion Ratio Lower Upper

93 100

95 33.7 26.6 39.8

123 11.5 10.3 15.5

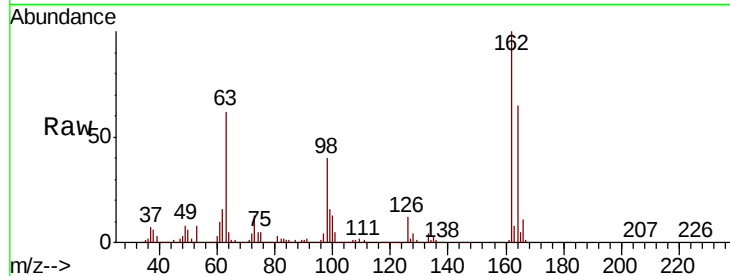




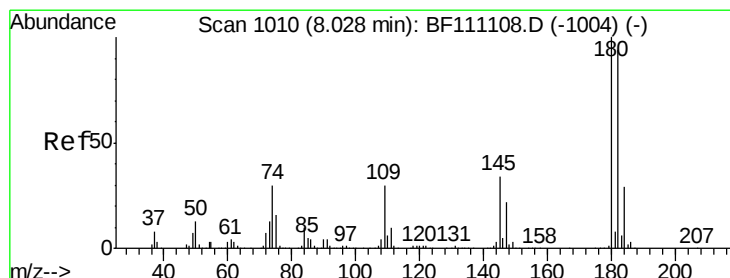
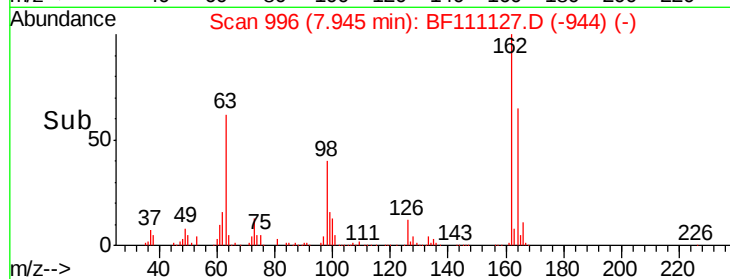
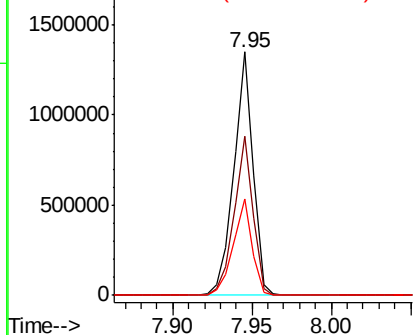
#29
 2,4-Dichlorophenol
 Concen: 42.365 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

Tgt Ion:162 Resp: 1134442
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.3 83.3
 98 39.9 18.9 58.9

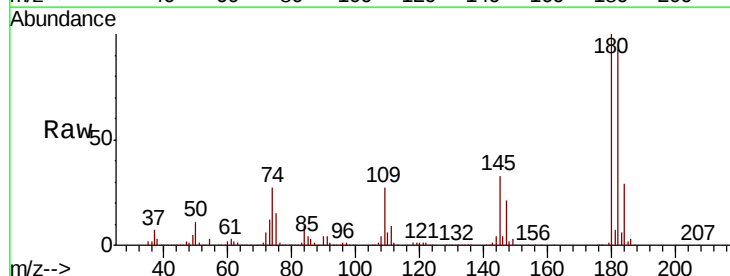


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

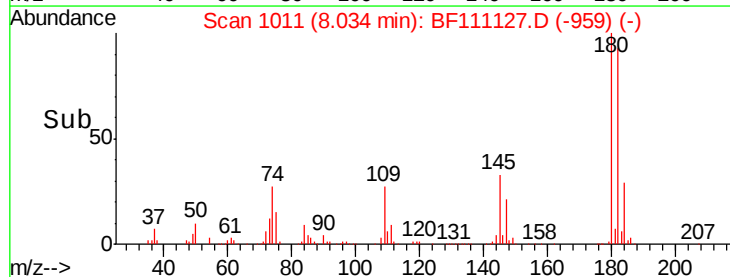
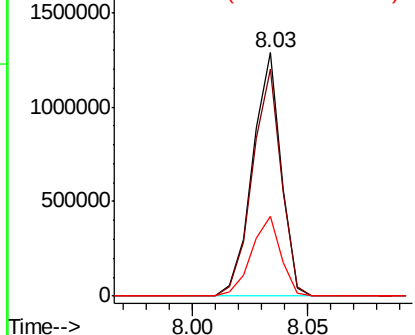


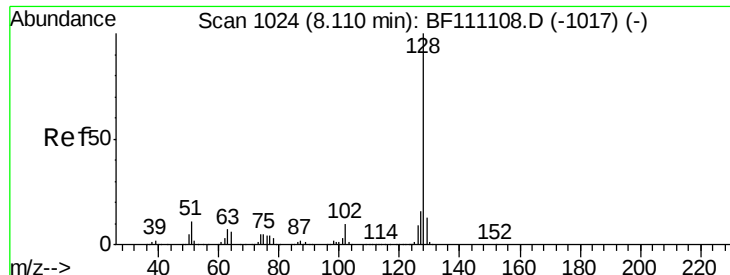
#30
 1,2,4-Trichlorobenzene
 Concen: 41.128 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion:180 Resp: 1111588
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.1 112.7
 145 32.9 27.6 41.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

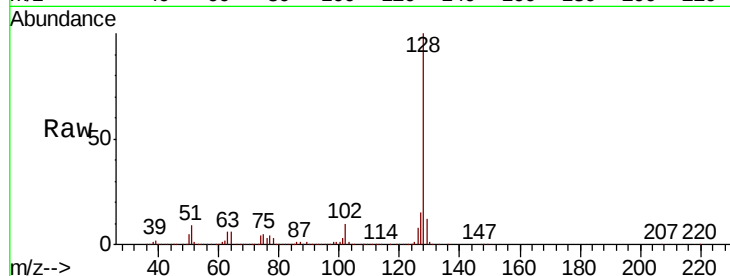




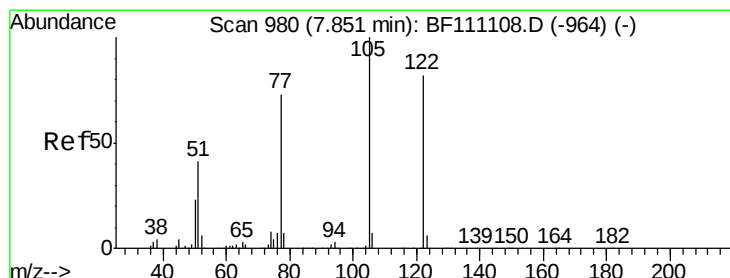
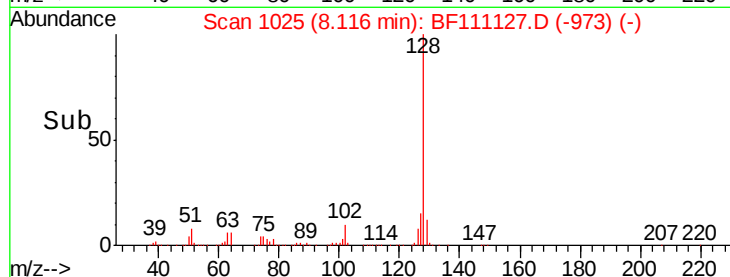
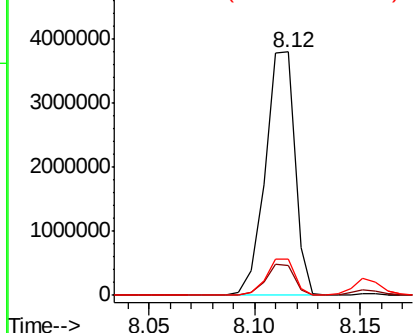
#31
Naphthalene
Concen: 45.323 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tgt Ion:128 Resp: 3711820
Ion Ratio Lower Upper
128 100
129 12.1 10.5 15.7
127 14.8 12.5 18.7

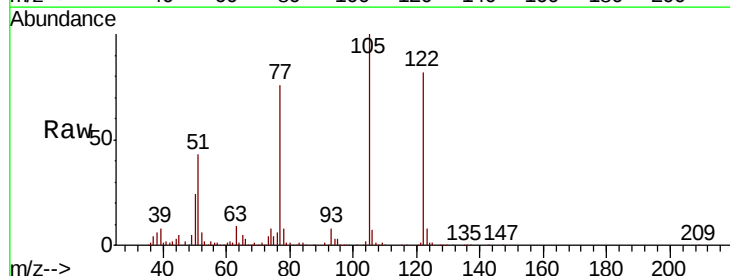


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

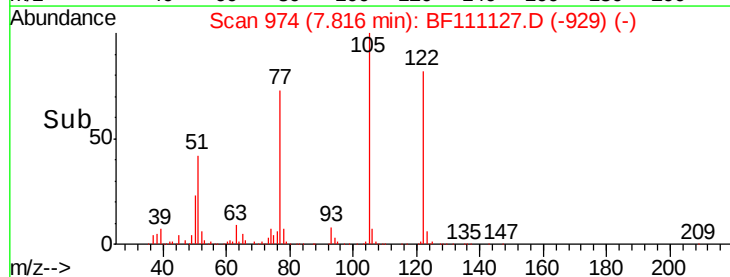
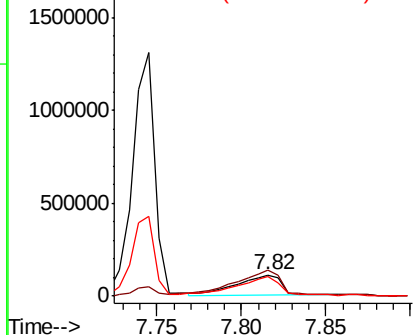


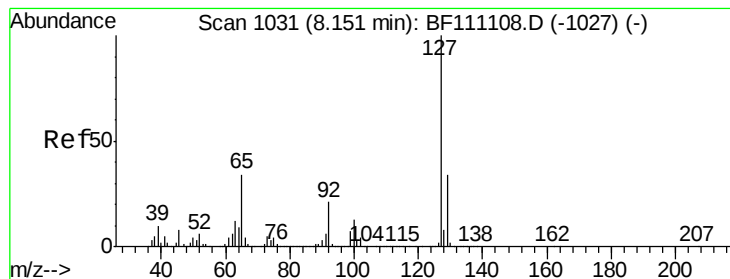
#32
Benzoic acid
Concen: 11.201 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.04 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion:122 Resp: 200911
Ion Ratio Lower Upper
122 100
105 122.0 100.1 140.1
77 92.3 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 6.876 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

Tgt Ion:127 Resp: 272185

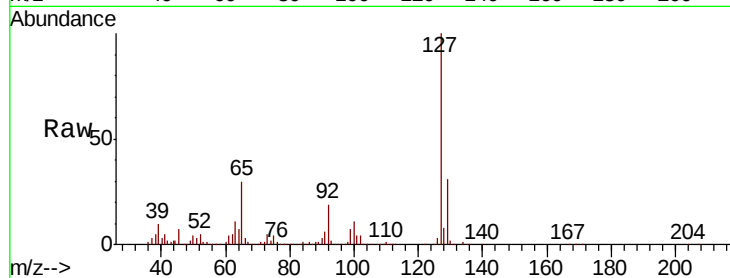
Ion Ratio Lower Upper

127 100

129 30.5 27.0 40.6

65 30.5 27.2 40.8

92 19.3 16.6 24.8

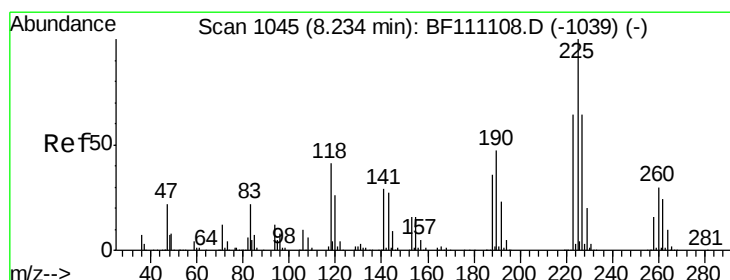
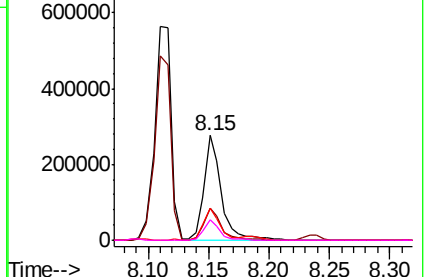
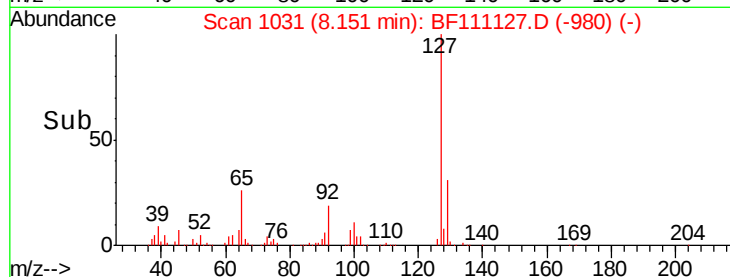


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.653 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

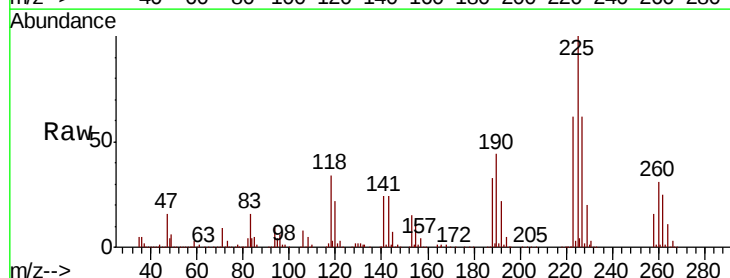
Tgt Ion:225 Resp: 582427

Ion Ratio Lower Upper

225 100

223 61.5 51.4 77.2

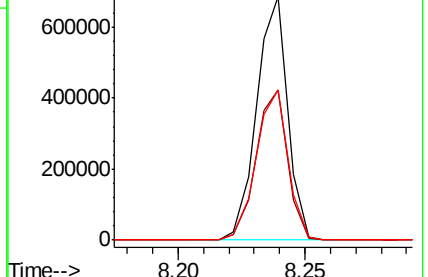
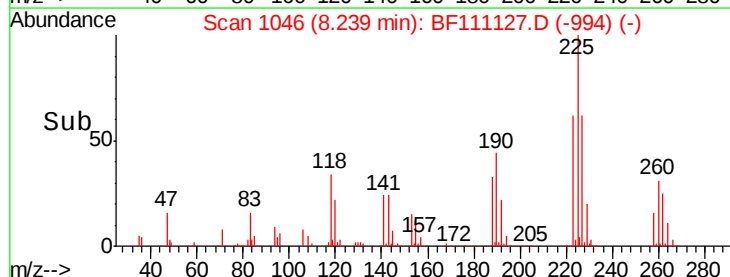
227 61.7 51.0 76.4

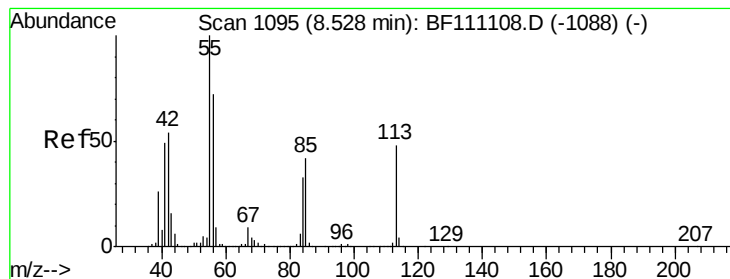


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.859 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

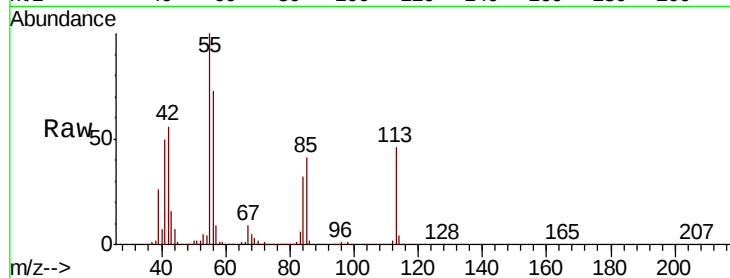
Tgt Ion:113 Resp: 273904

Ion Ratio Lower Upper

113 100

55 217.7 190.6 230.6

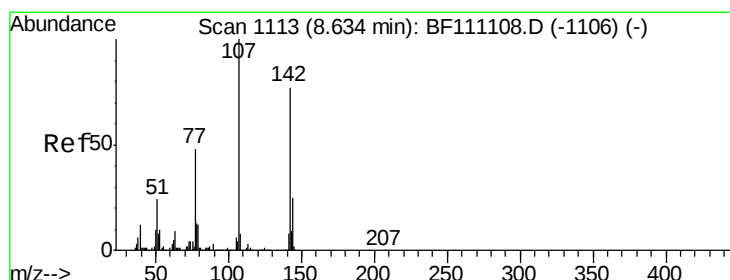
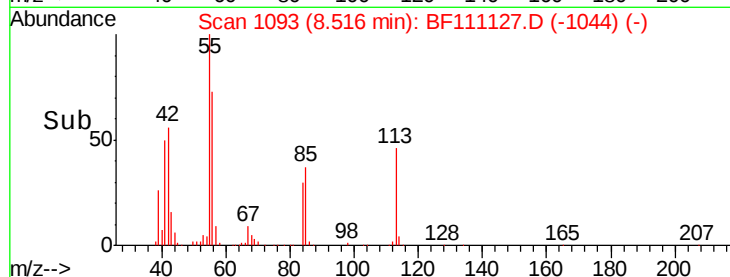
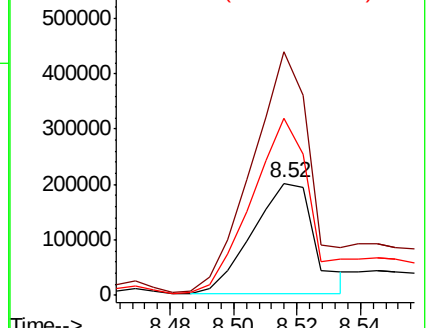
56 158.7 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.131 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

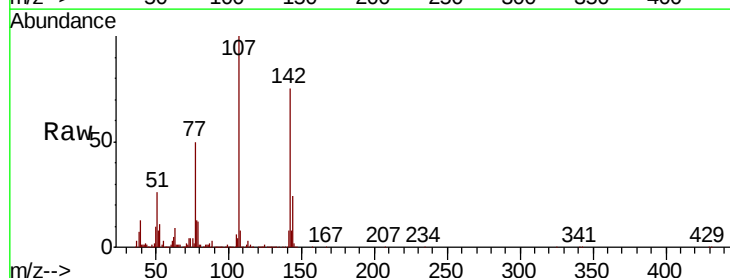
Tgt Ion:107 Resp: 1265055

Ion Ratio Lower Upper

107 100

144 24.4 19.9 29.9

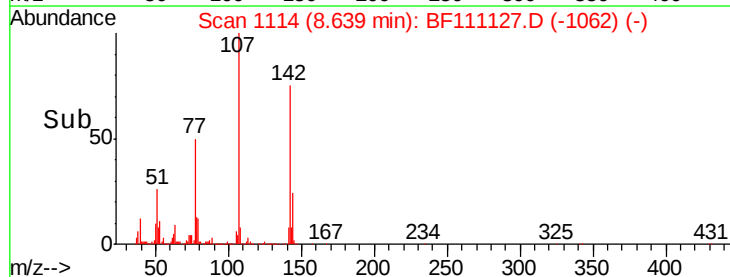
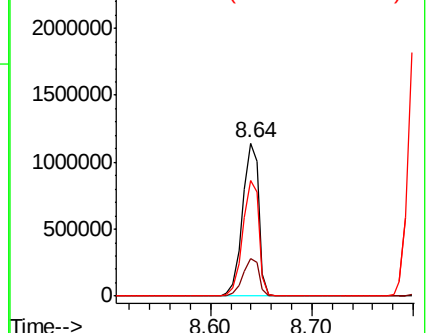
142 75.3 61.4 92.0

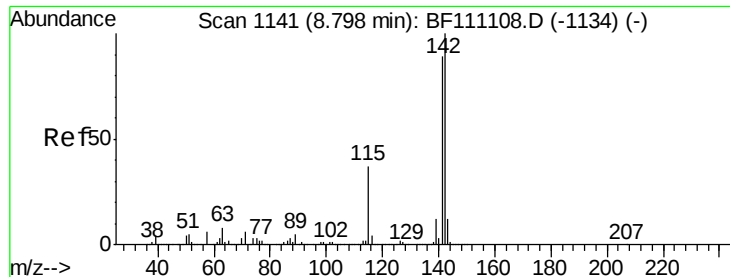


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

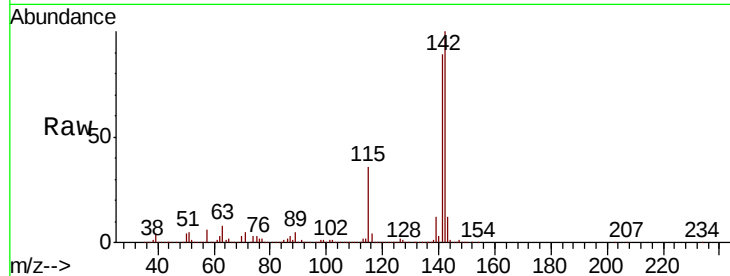




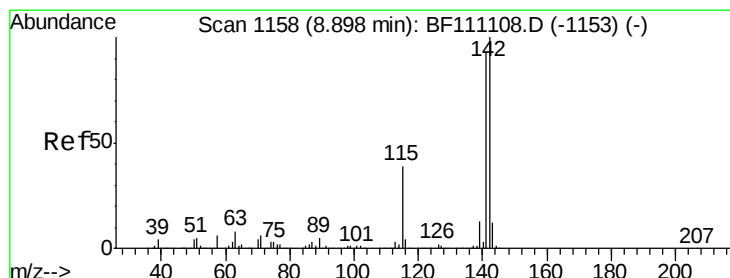
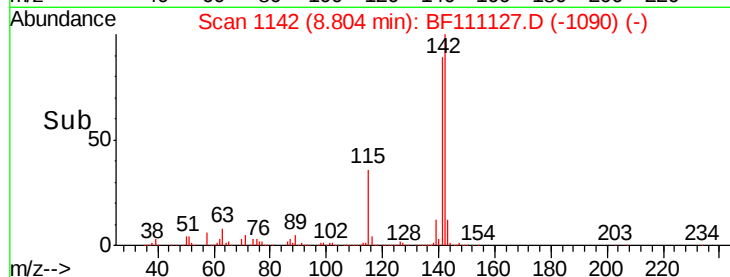
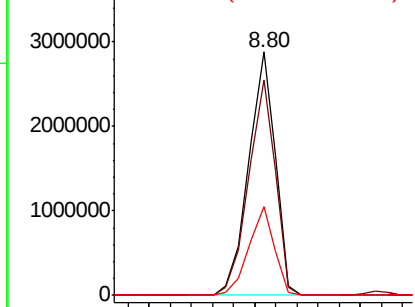
#37
2-Methylnaphthalene
Concen: 44.843 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tgt Ion:142 Resp: 2533241
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0
115 36.4 29.2 43.8

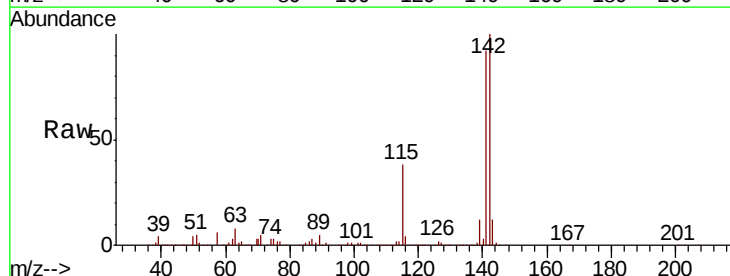


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

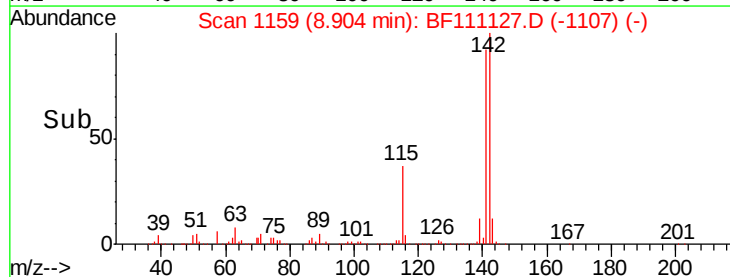
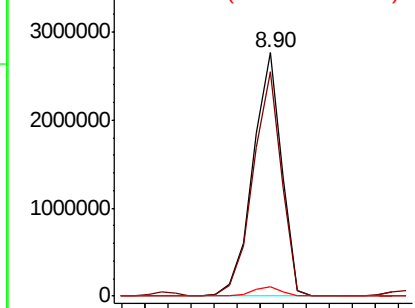


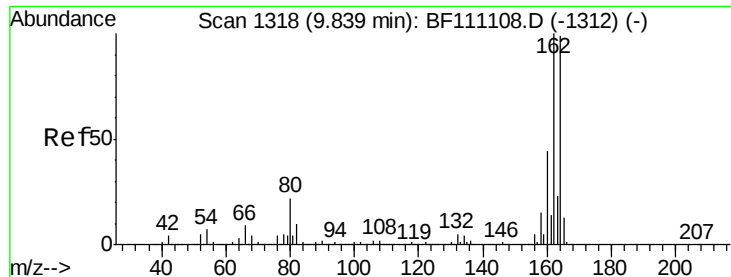
#38
1-Methylnaphthalene
Concen: 44.039 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion:142 Resp: 2391836
Ion Ratio Lower Upper
142 100
141 92.2 74.5 111.7
116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

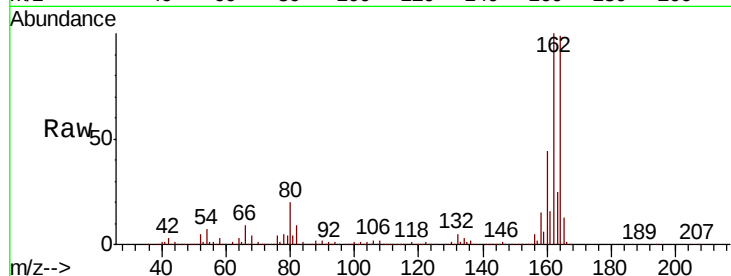




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.0	35.5	53.3

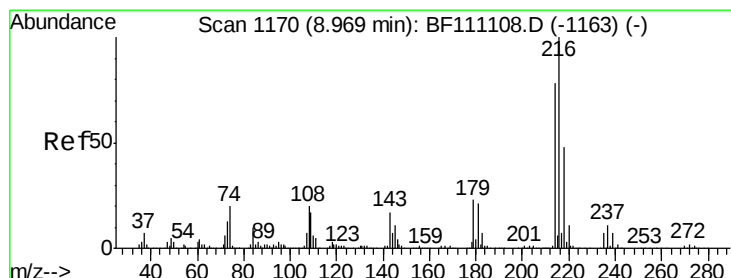
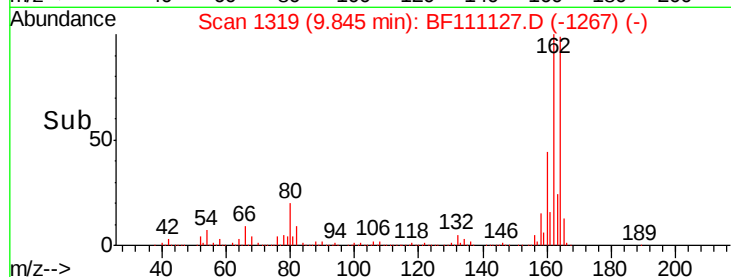
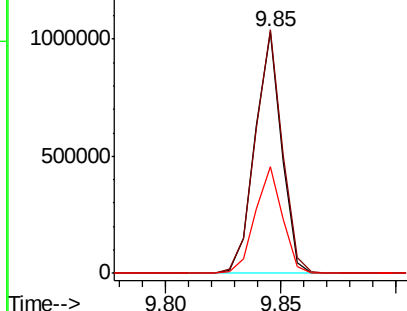


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.152 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	23.8	18.5	27.7
108	22.8	19.1	28.7

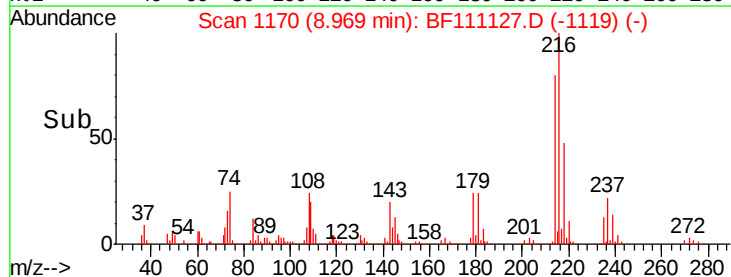
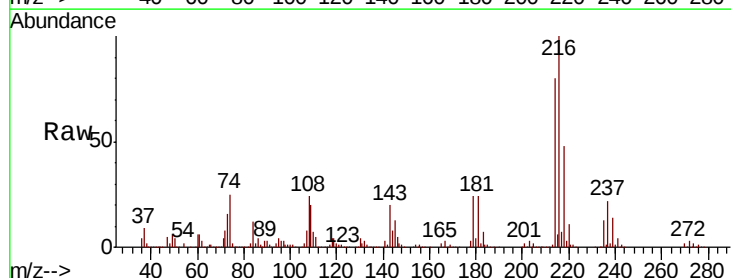
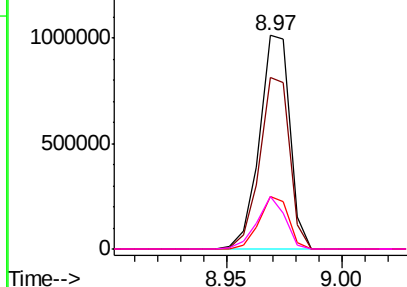
Abundance

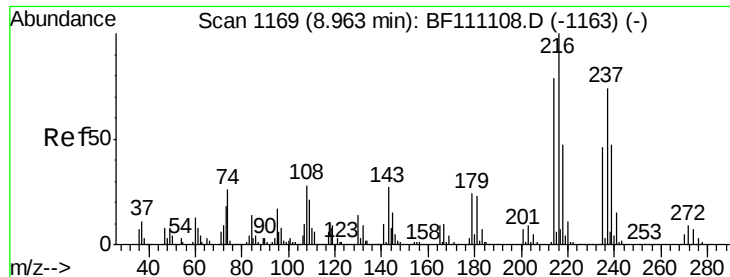
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 32.357 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

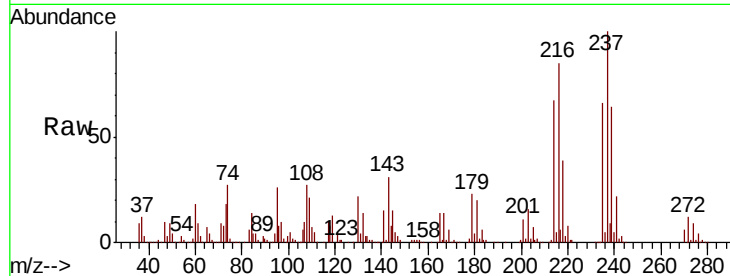
Tgt Ion: 237 Resp: 377394

Ion Ratio Lower Upper

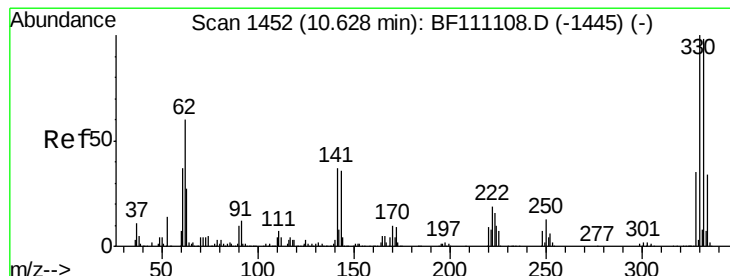
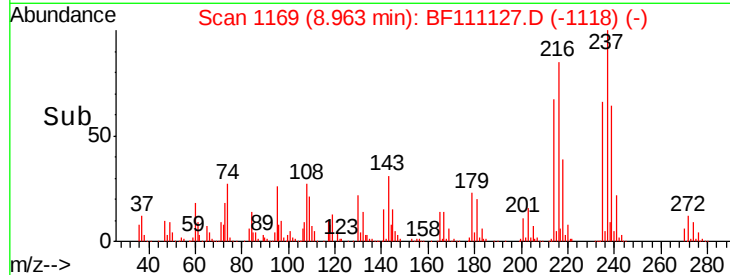
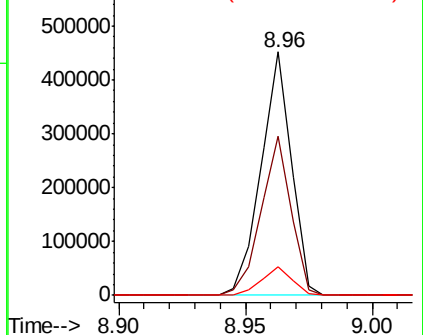
237 100

235 65.6 41.9 81.9

272 11.9 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 113.984 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

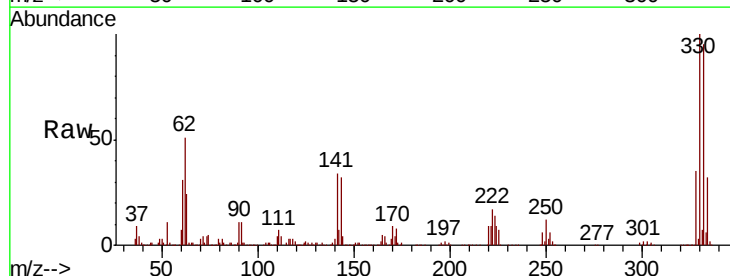
Tgt Ion: 330 Resp: 751954

Ion Ratio Lower Upper

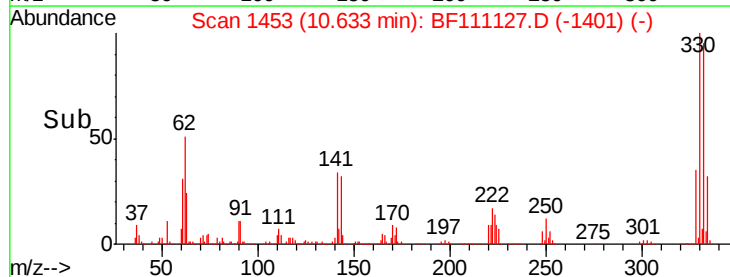
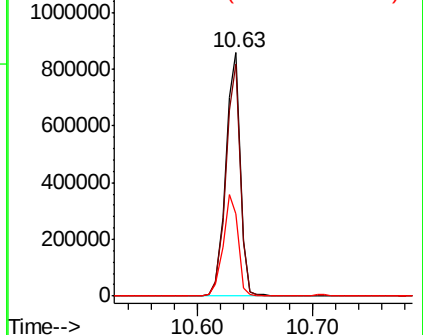
330 100

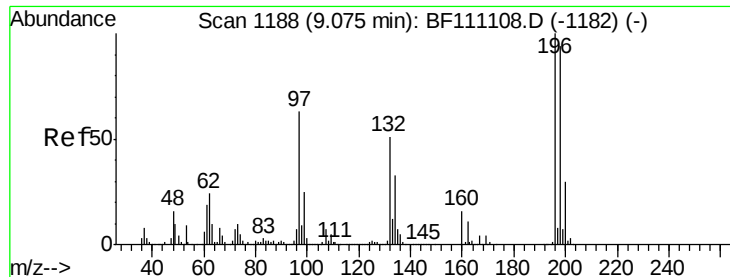
332 94.4 77.2 115.8

141 42.8 36.1 54.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

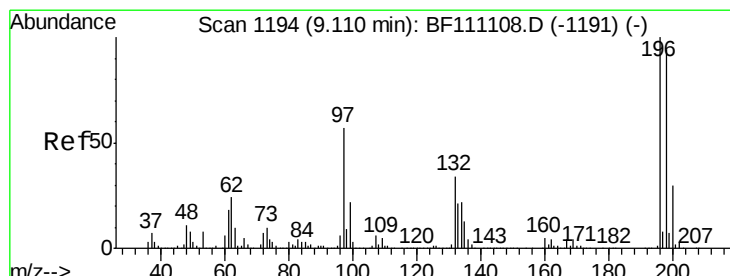
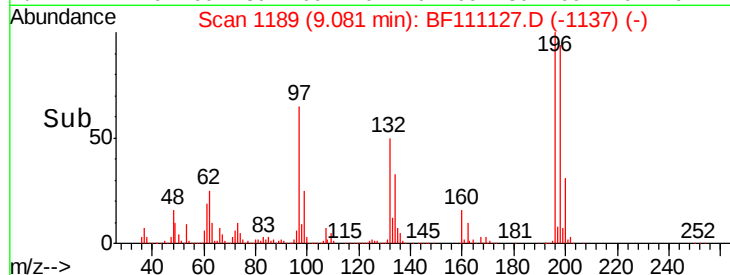
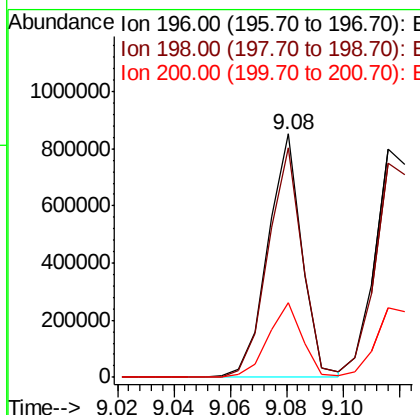
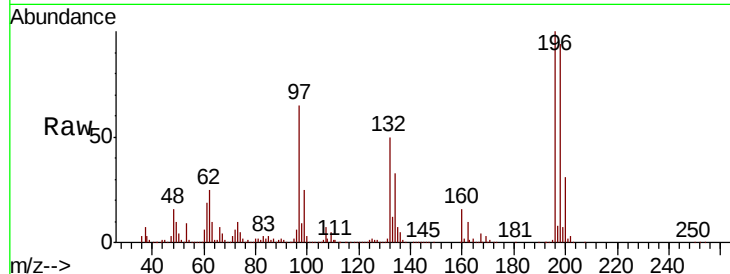




#43
 2,4,6-Trichlorophenol
 Concen: 43.907 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

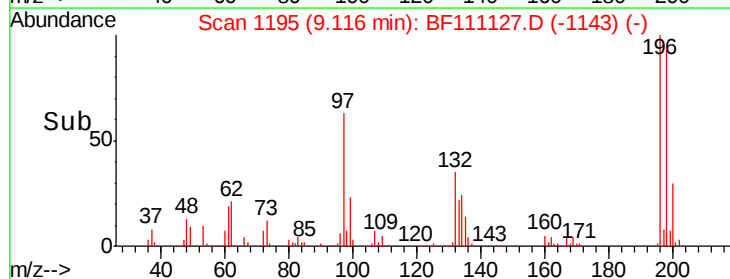
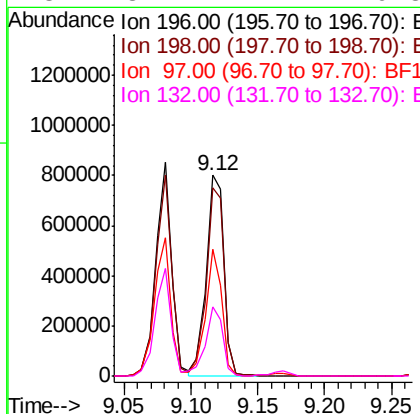
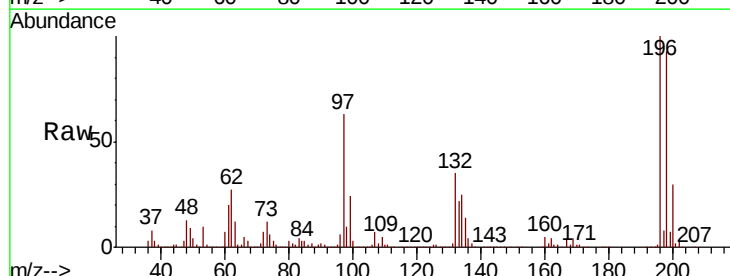
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

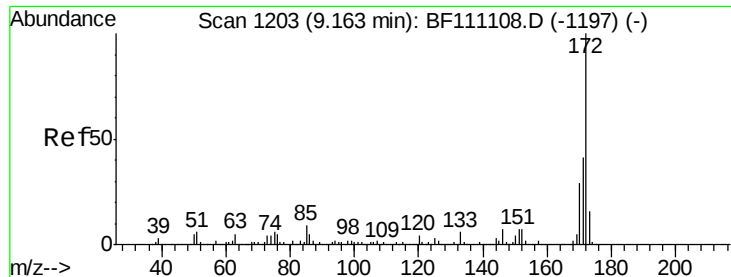
Tgt Ion:196 Resp: 709321
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.0
 200 30.7 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 45.256 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion:196 Resp: 741135
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.0 112.4
 97 63.3 46.2 69.4
 132 34.7 27.2 40.8

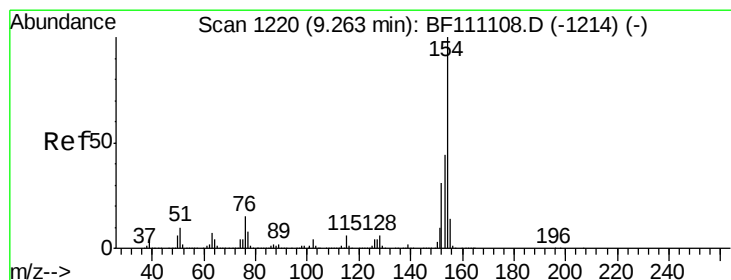
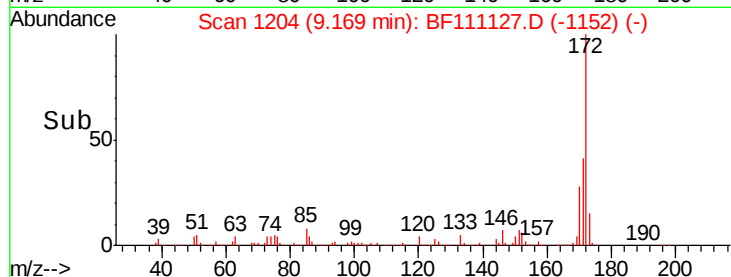
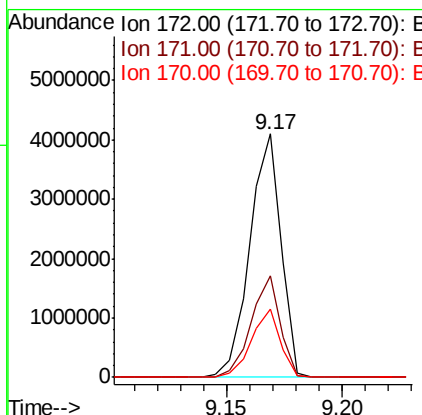
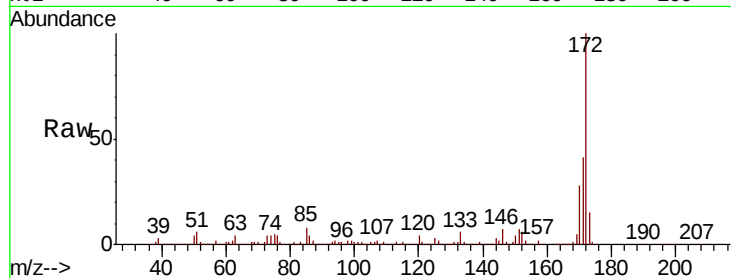




#45
 2-Fluorobiphenyl
 Concen: 86.737 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

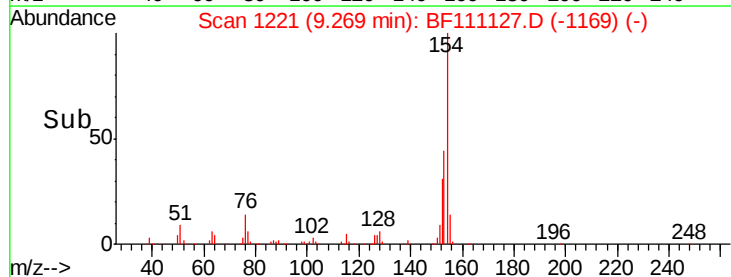
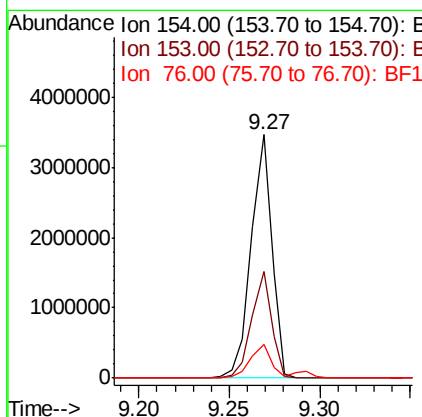
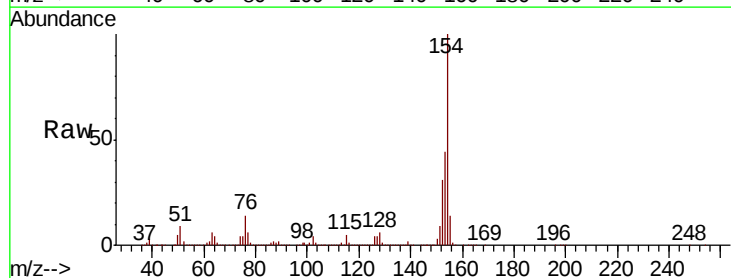
Instrument :
 BNA_F
 ClientSampled :
 TEST-PITMS

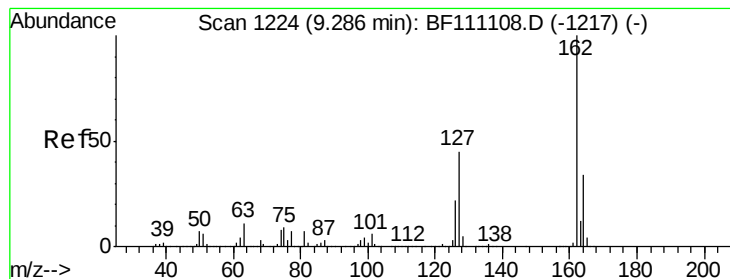
Tgt Ion:172 Resp: 3875727
 Ion Ratio Lower Upper
 172 100
 171 41.5 33.2 49.8
 170 27.9 22.9 34.3



#46
 1,1'-Biphenyl
 Concen: 40.731 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion:154 Resp: 2767301
 Ion Ratio Lower Upper
 154 100
 153 43.8 23.7 63.7
 76 13.8 0.0 35.0





#47

2-Chloronaphthalene

Concen: 42.101 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

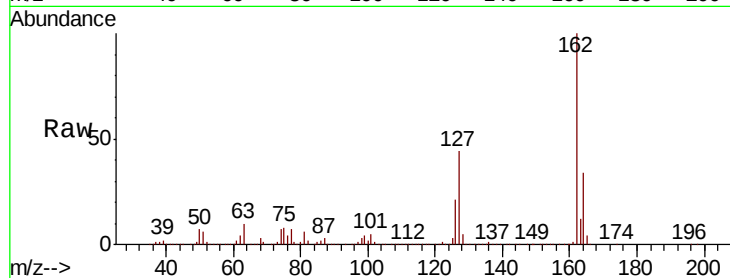
Tgt Ion:162 Resp: 2222681

Ion Ratio Lower Upper

162 100

127 43.9 36.4 54.6

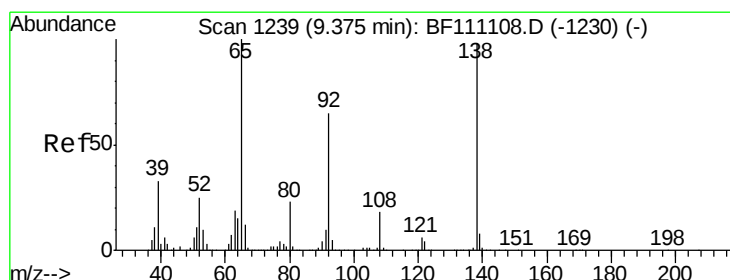
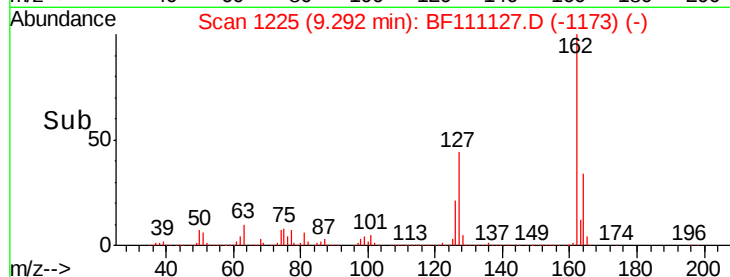
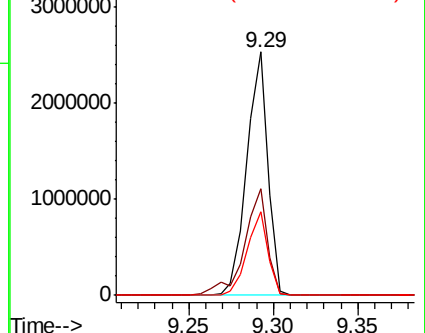
164 34.3 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.304 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

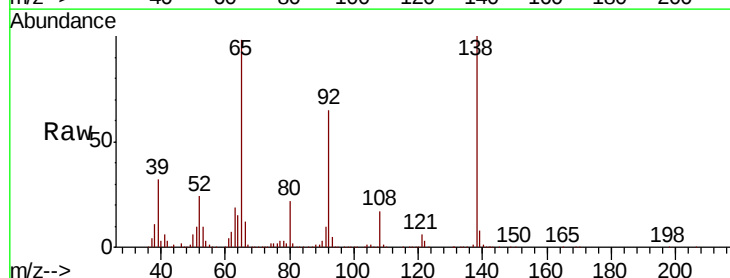
Tgt Ion: 65 Resp: 775103

Ion Ratio Lower Upper

65 100

92 66.2 52.1 78.1

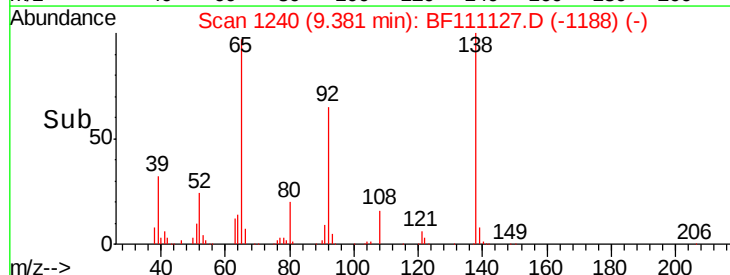
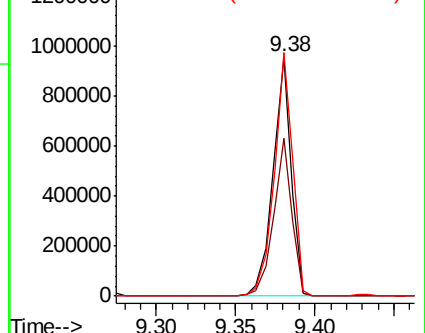
138 102.1 78.2 117.4

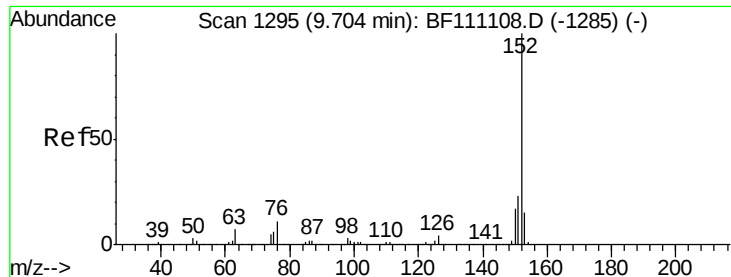


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.512 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

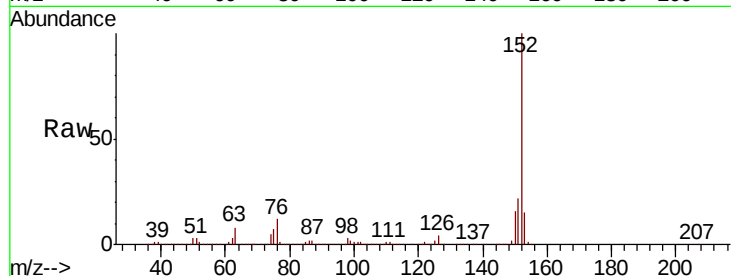
Tgt Ion:152 Resp: 3358551

Ion Ratio Lower Upper

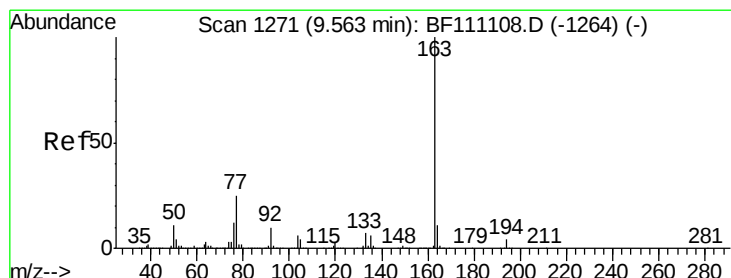
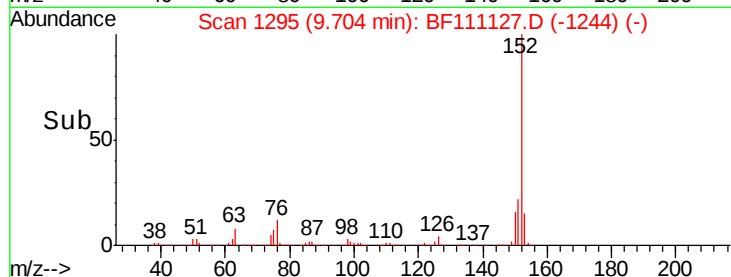
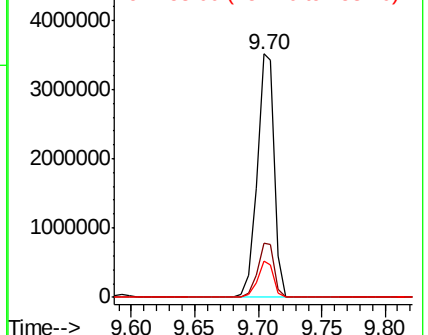
152 100

151 22.3 18.3 27.5

153 15.0 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.558 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

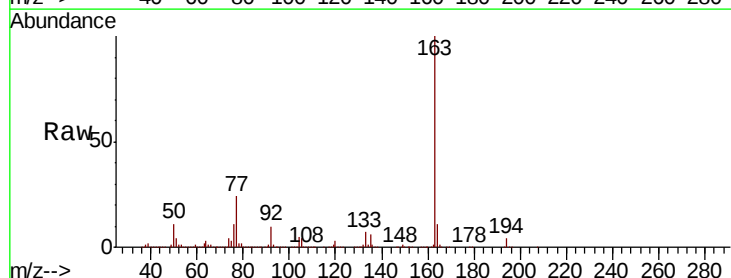
Tgt Ion:163 Resp: 2920272

Ion Ratio Lower Upper

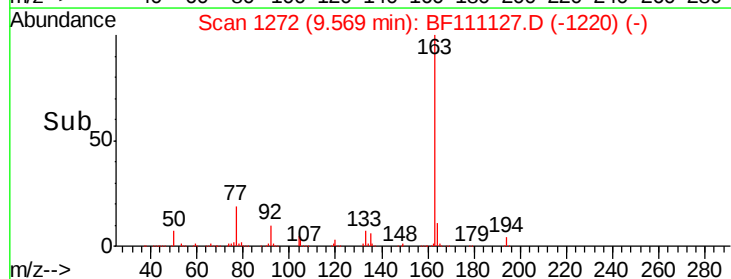
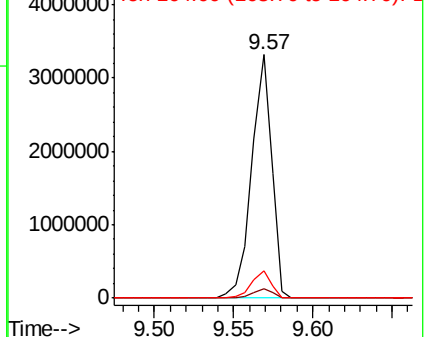
163 100

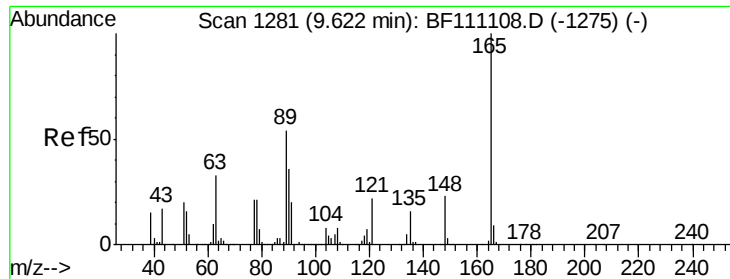
194 3.8 3.0 4.4

164 11.3 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

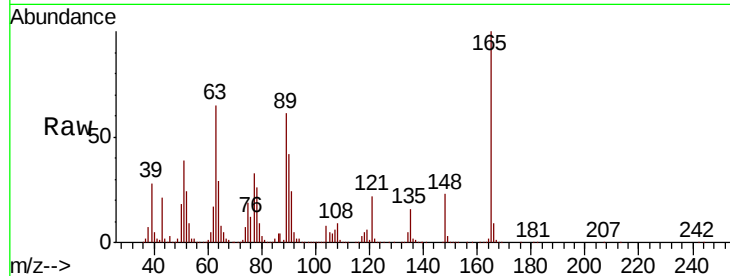




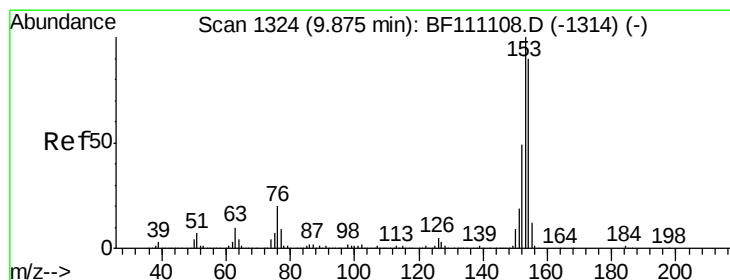
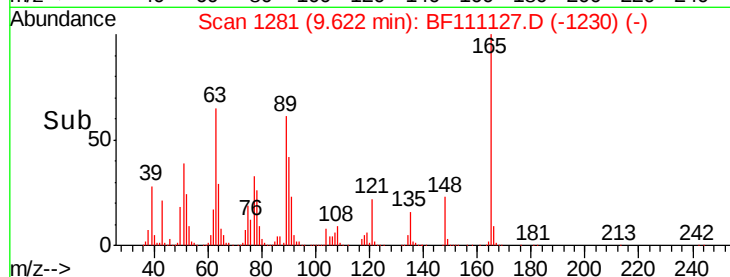
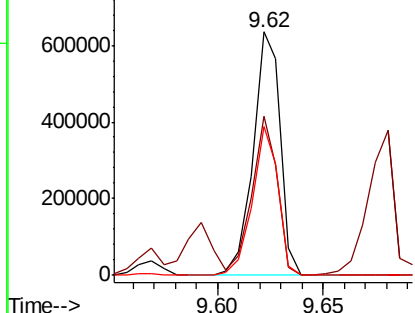
#51
 2,6-Dinitrotoluene
 Concen: 46.259 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

Tgt Ion:165 Resp: 566486
 Ion Ratio Lower Upper
 165 100
 63 65.3 44.7 67.1
 89 61.1 43.0 64.4

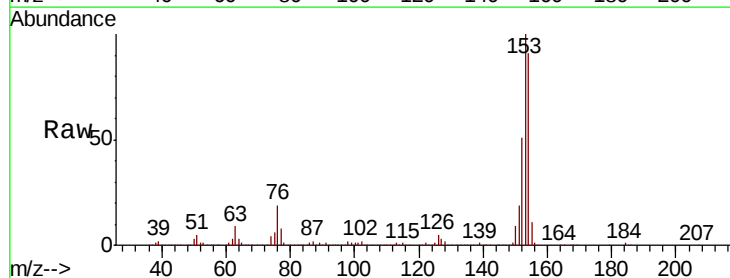


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

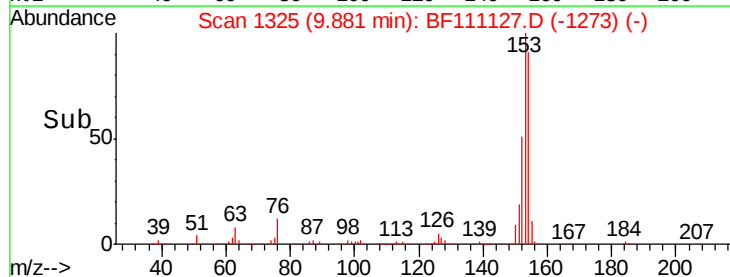
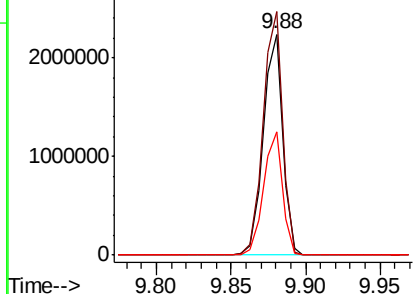


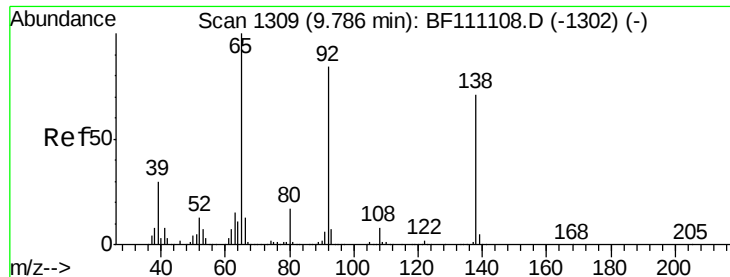
#52
 Acenaphthene
 Concen: 40.756 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion:154 Resp: 1986973
 Ion Ratio Lower Upper
 154 100
 153 110.2 88.7 133.1
 152 55.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

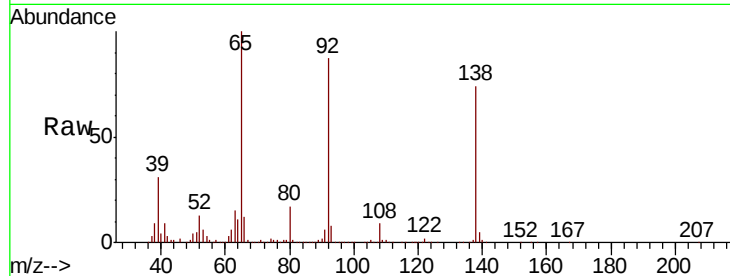




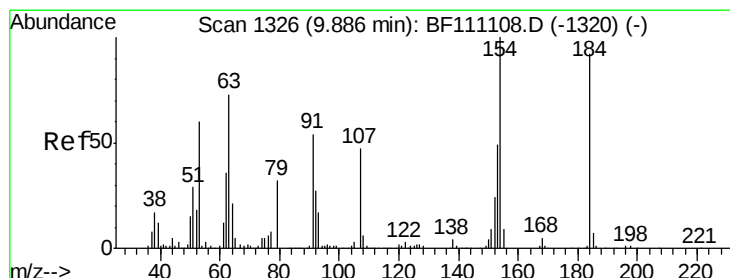
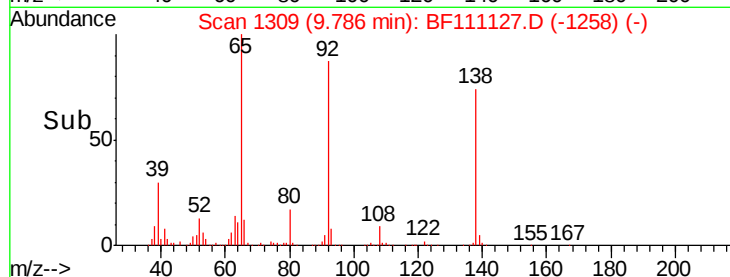
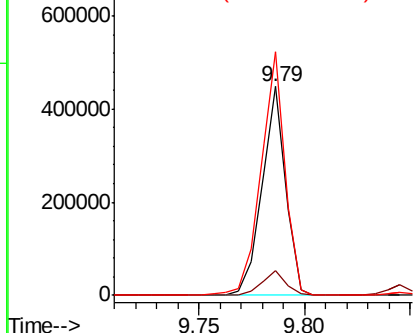
#53
3-Nitroaniline
Concen: 22.787 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tgt Ion:138 Resp: 350515
Ion Ratio Lower Upper
138 100
108 11.6 9.4 14.0
92 116.6 94.1 141.1

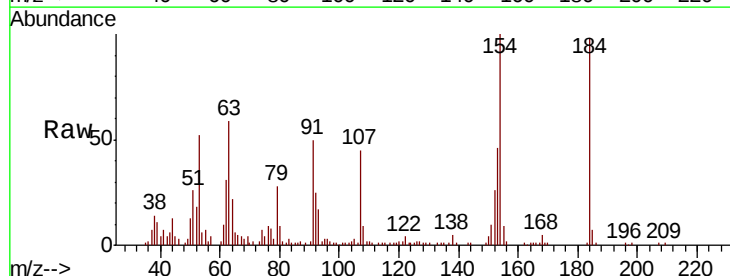


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

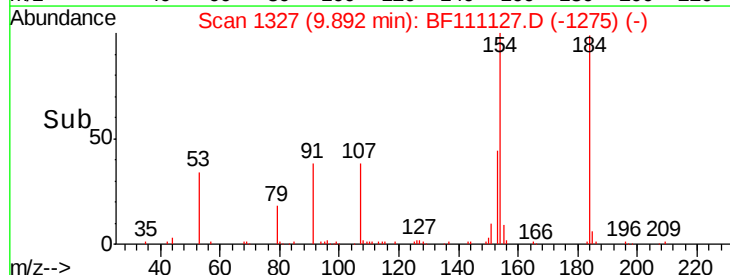
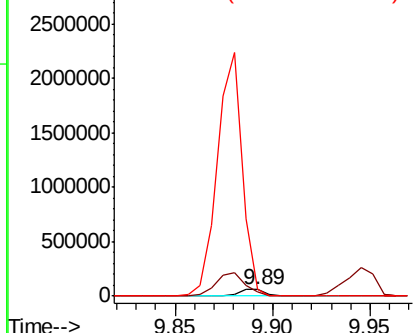


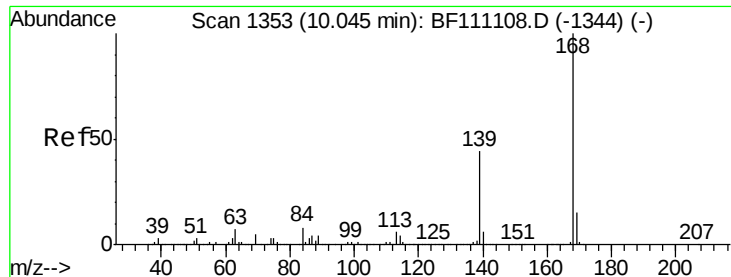
#54
2,4-Dinitrophenol
Concen: 18.996 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion:184 Resp: 52407
Ion Ratio Lower Upper
184 100
63 60.1 64.2 96.4#
154 102.2 89.5 134.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

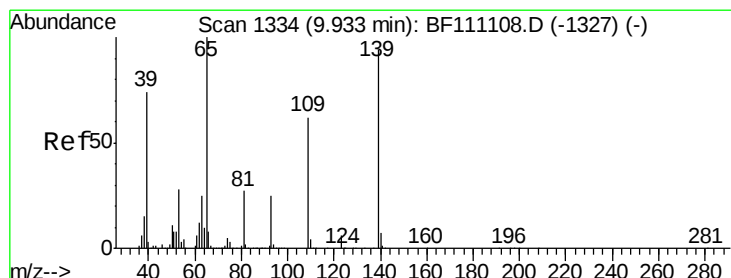
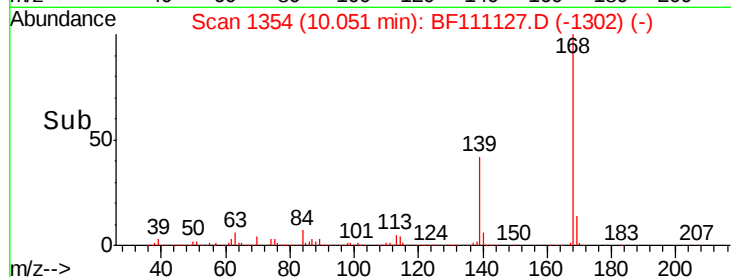
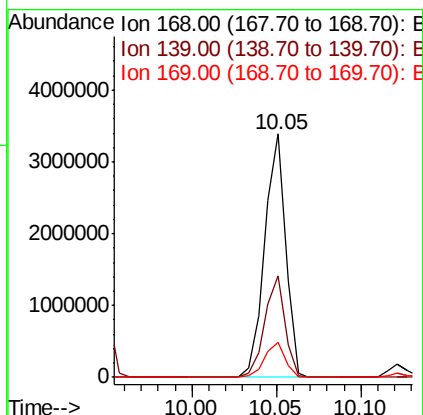
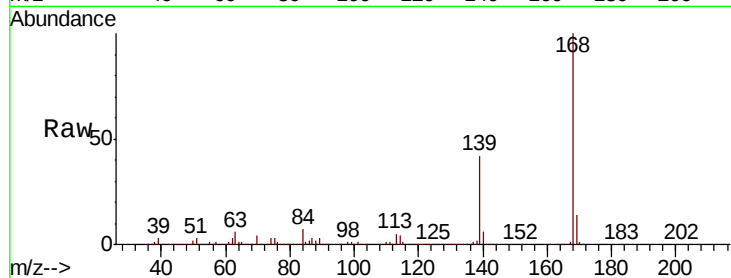




#55
Dibenzofuran
Concen: 43.353 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

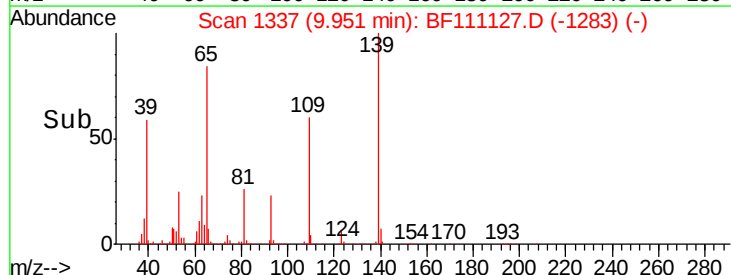
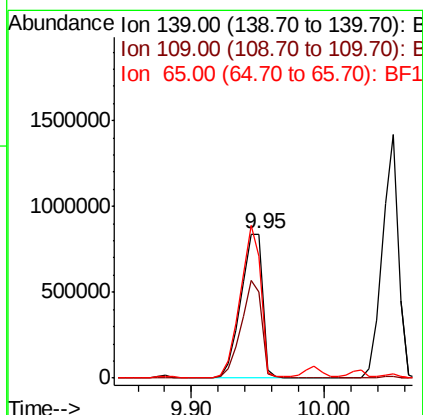
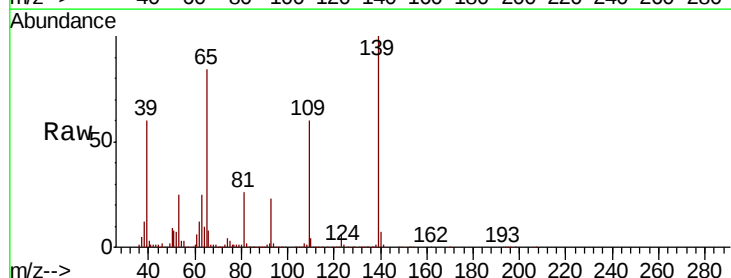
Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

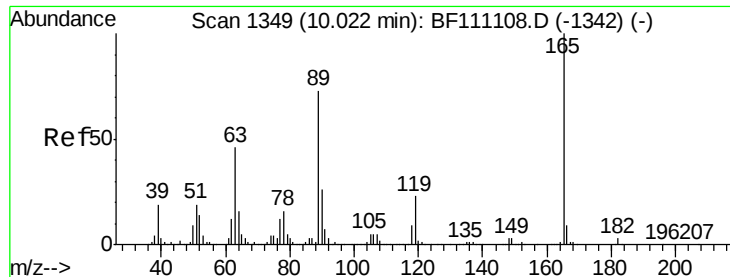
Tgt Ion:168 Resp: 2911168
Ion Ratio Lower Upper
168 100
139 41.9 35.1 52.7
169 14.3 12.2 18.4



#56
4-Nitrophenol
Concen: 82.346 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion:139 Resp: 954525
Ion Ratio Lower Upper
139 100
109 59.7 46.1 86.1
65 84.3 87.0 127.0#

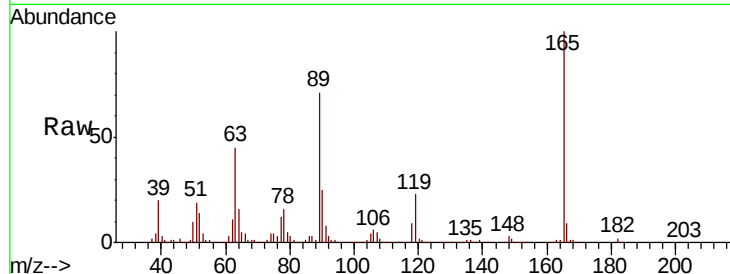




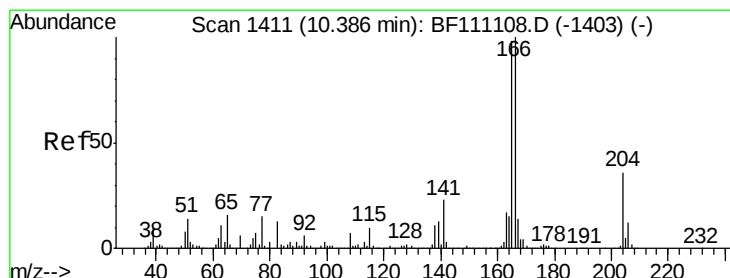
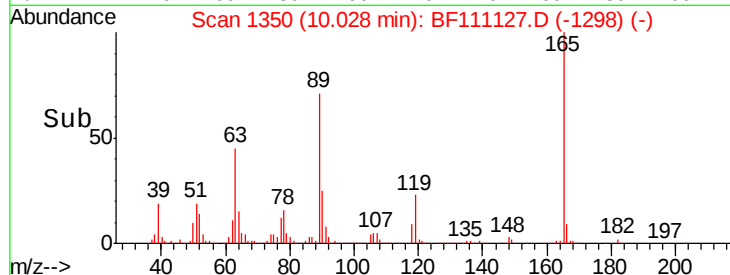
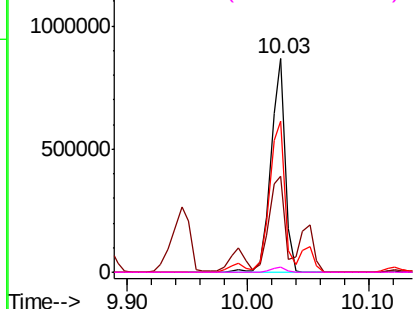
#57
 2,4-Dinitrotoluene
 Concen: 44.601 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

Tgt Ion:	165	Resp:	705411
Ion	Ratio	Lower	Upper
165	100		
63	45.2	36.7	55.1
89	71.0	58.4	87.6
182	2.2	2.1	3.1

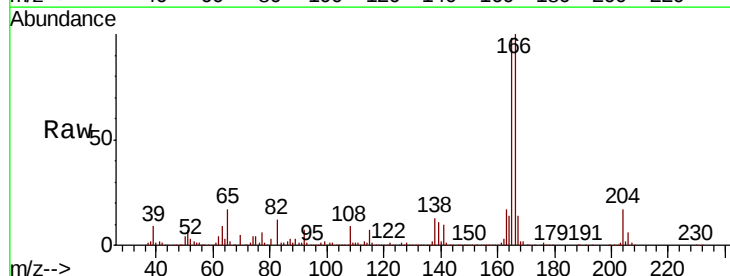


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

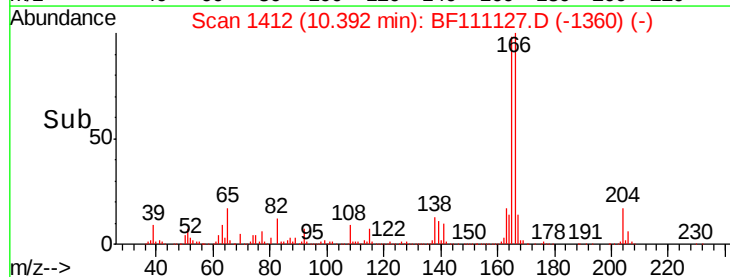
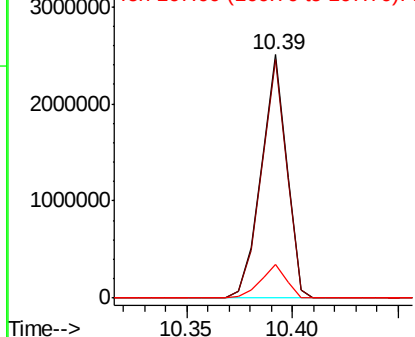


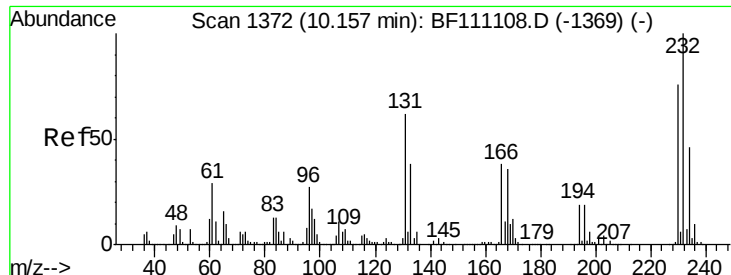
#58
 Fluorene
 Concen: 44.656 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion:	166	Resp:	2114588
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.6	11.4	17.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

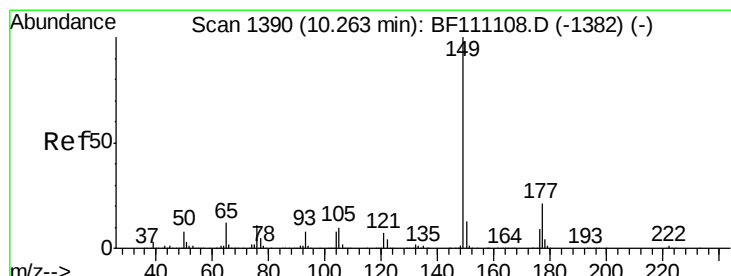
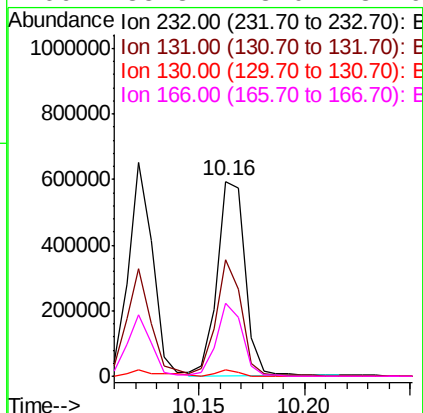
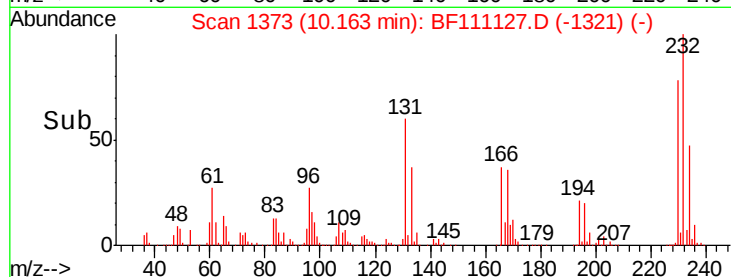
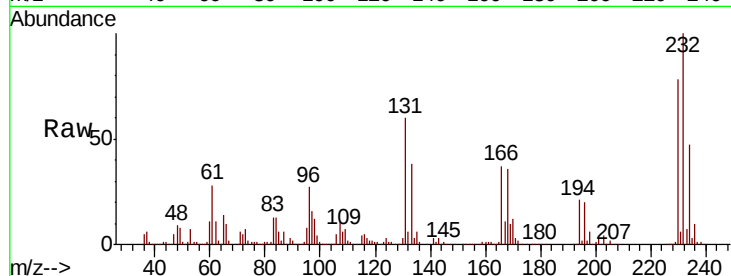




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.618 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

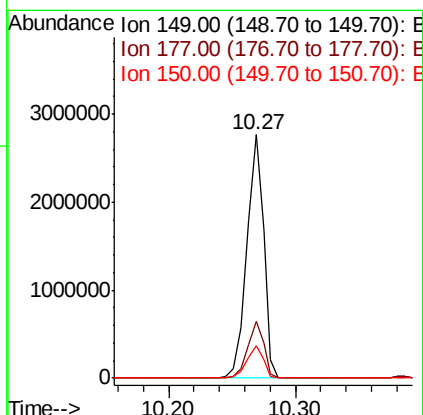
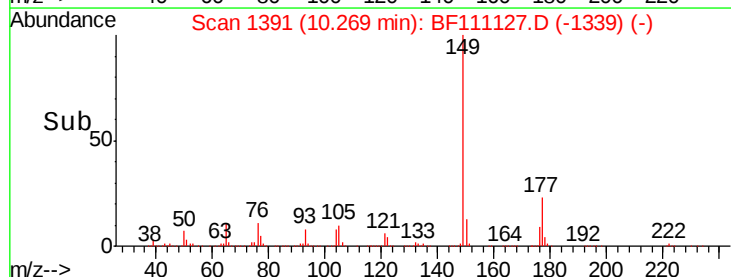
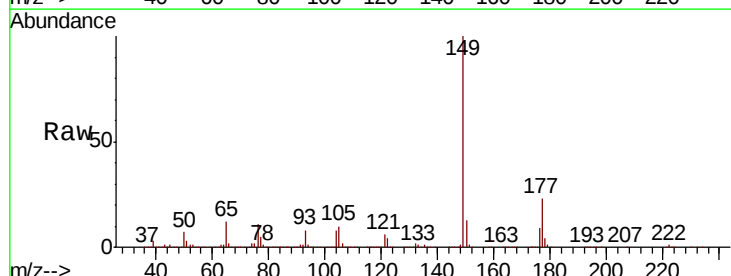
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

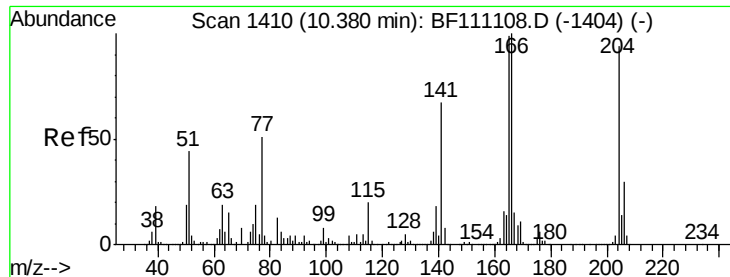
Tgt Ion: 232 Resp: 545351
 Ion Ratio Lower Upper
 232 100
 131 54.1 40.4 60.6
 130 2.4 2.1 3.1
 166 35.3 23.0 34.6#



#60
 Diethylphthalate
 Concen: 43.579 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion: 149 Resp: 2515543
 Ion Ratio Lower Upper
 149 100
 177 23.3 17.0 25.6
 150 13.4 10.5 15.7

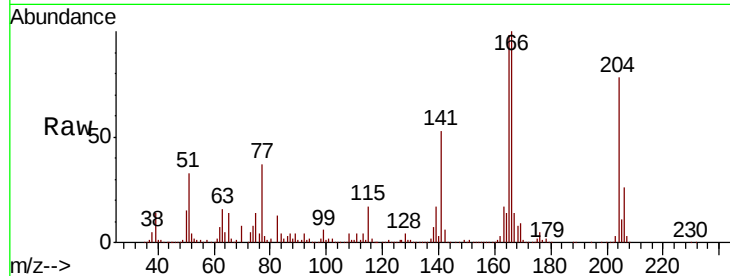




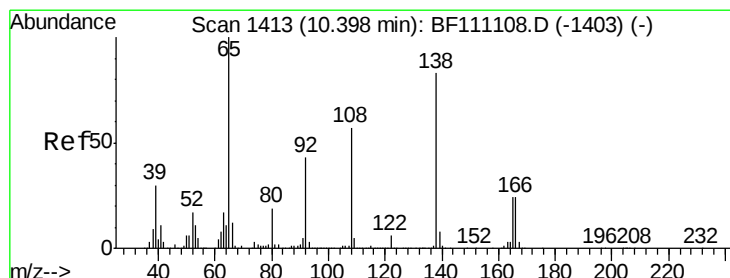
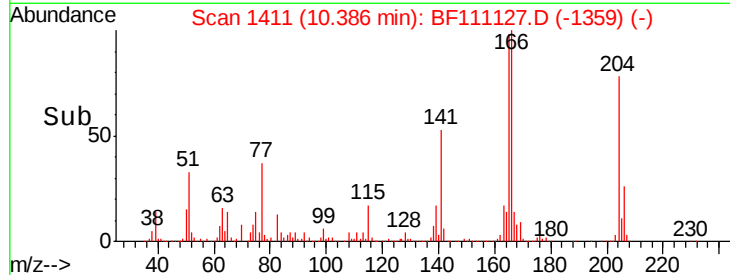
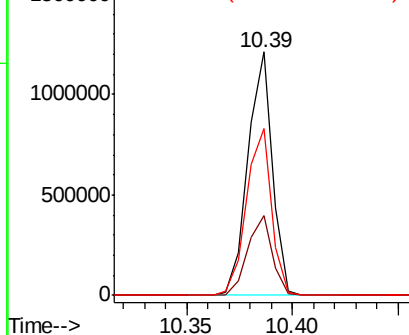
#61
 4-Chlorophenyl-phenylether
 Concen: 41.878 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

Tgt Ion: 204 Resp: 977276
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.9 38.9
 141 68.4 57.4 86.0

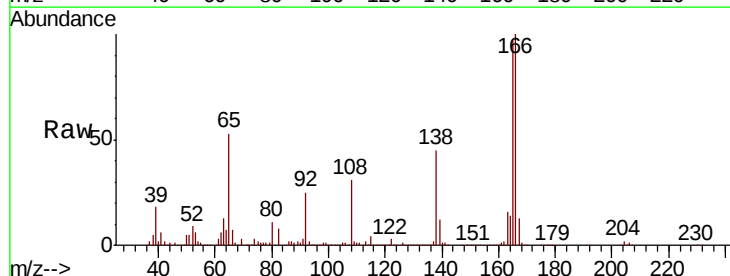


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

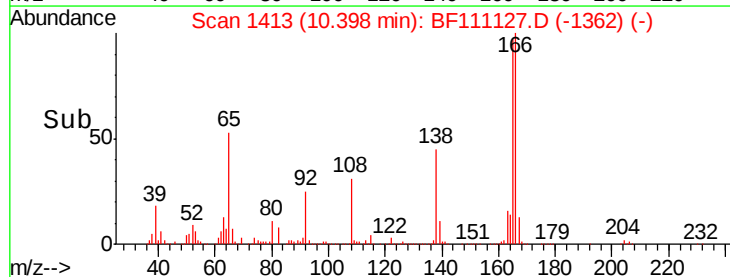
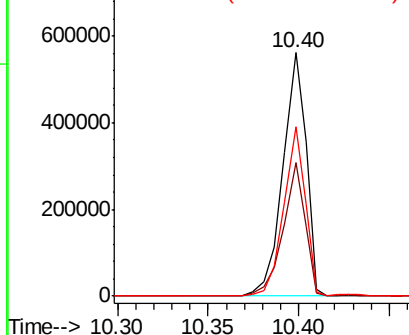


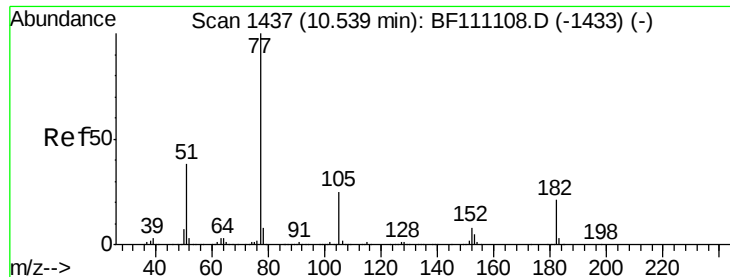
#62
 4-Nitroaniline
 Concen: 36.162 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion: 138 Resp: 502041
 Ion Ratio Lower Upper
 138 100
 92 54.7 31.6 71.6
 108 69.3 48.3 88.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.874 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

Tgt Ion: 77 Resp: 2450454

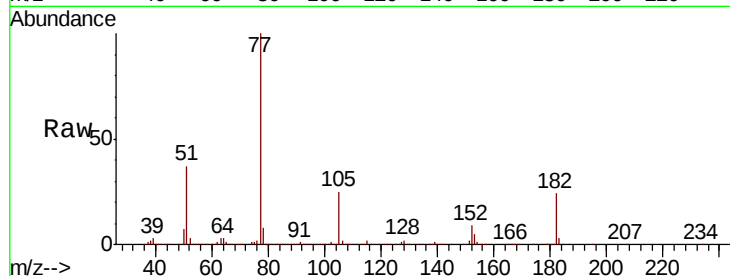
Ion Ratio Lower Upper

77 100

182 24.2 1.4 41.4

105 24.9 4.7 44.7

51 36.9 18.0 58.0

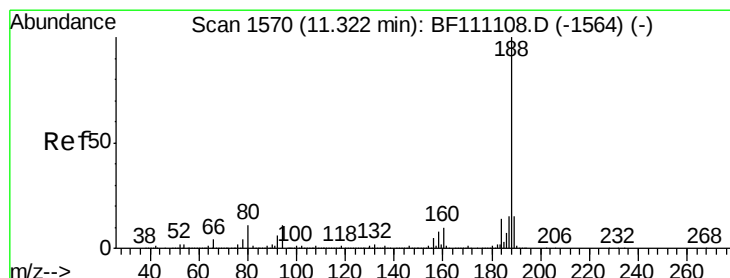
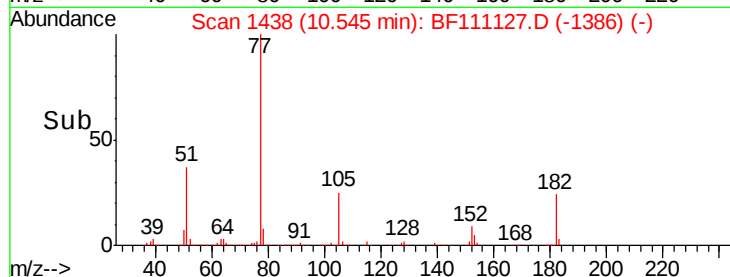
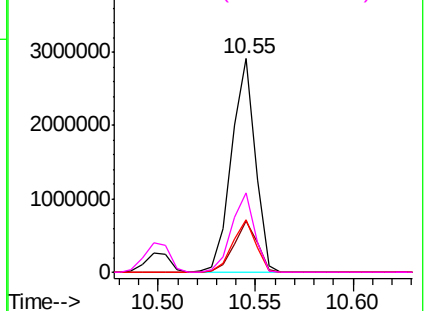


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

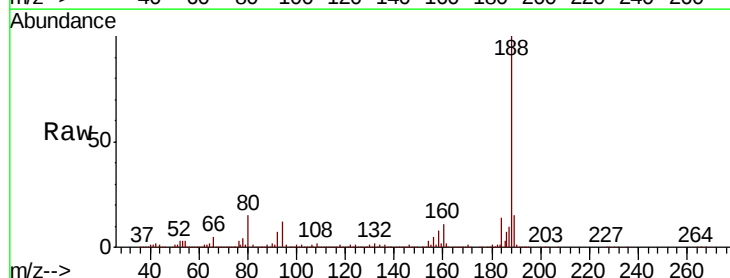
Tgt Ion: 188 Resp: 1257104

Ion Ratio Lower Upper

188 100

94 12.3 8.5 12.7

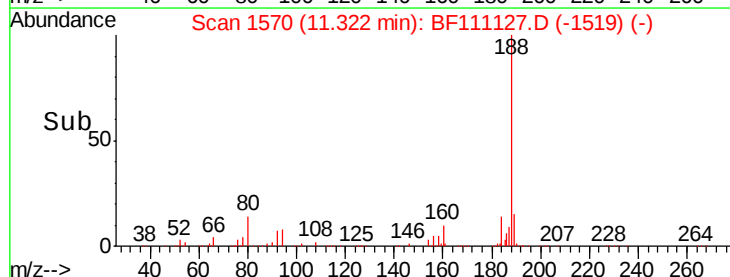
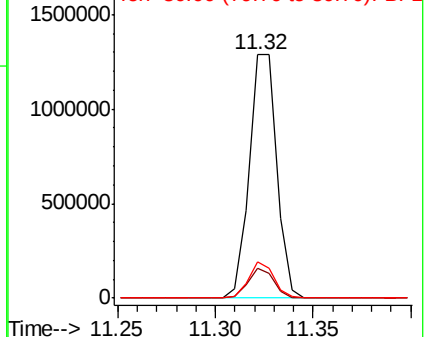
80 15.0 9.0 13.6#

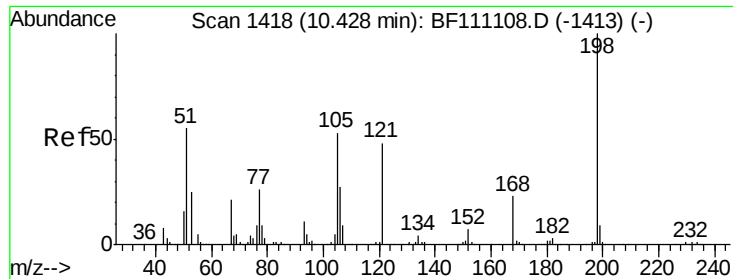


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

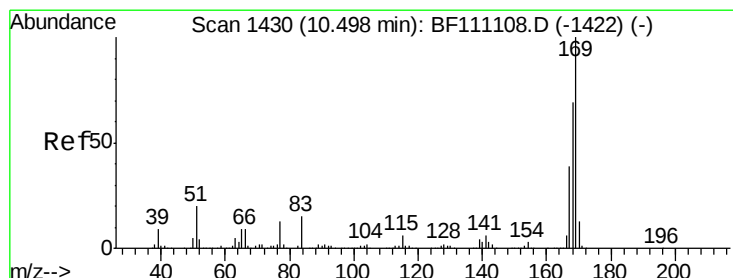
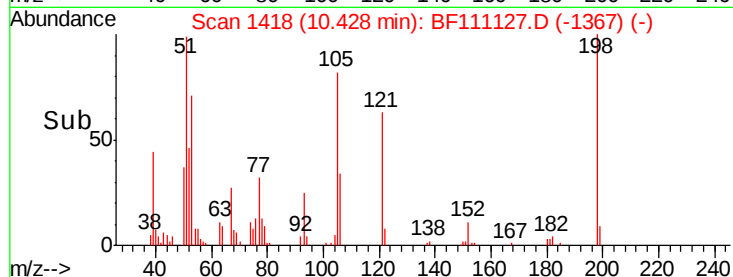
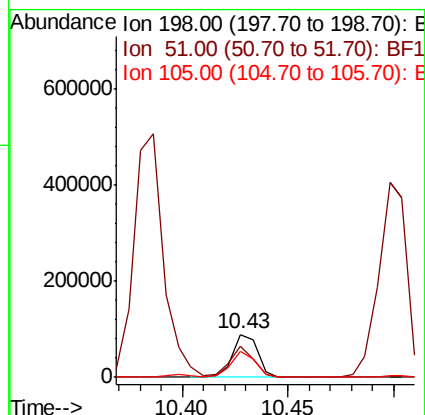
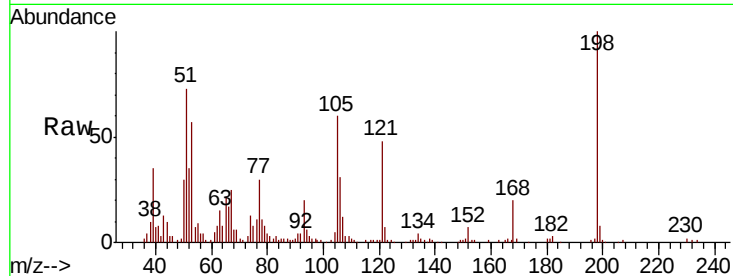




#65
 4,6-Dinitro-2-methylphenol
 Concen: 14.338 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

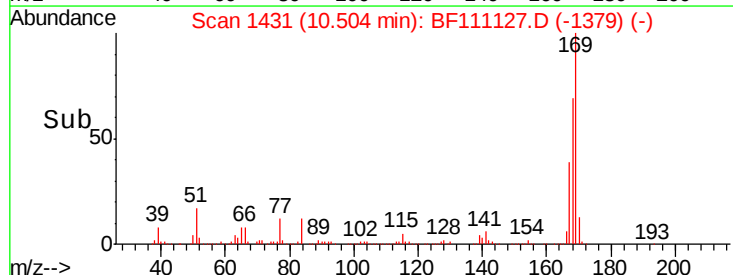
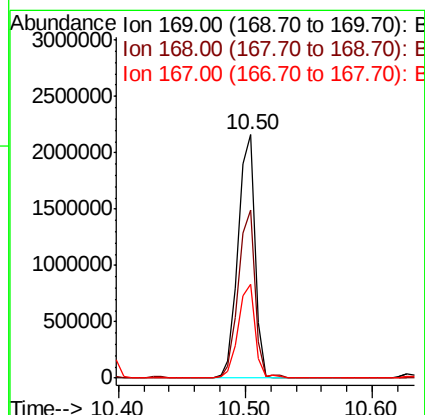
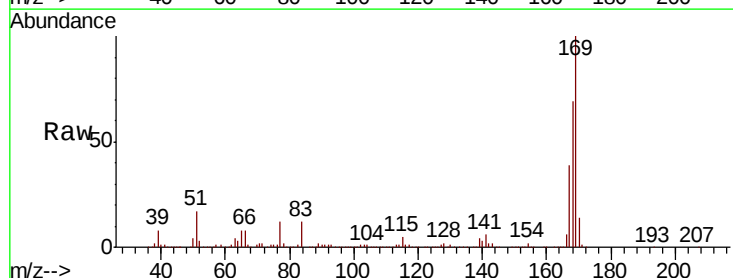
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

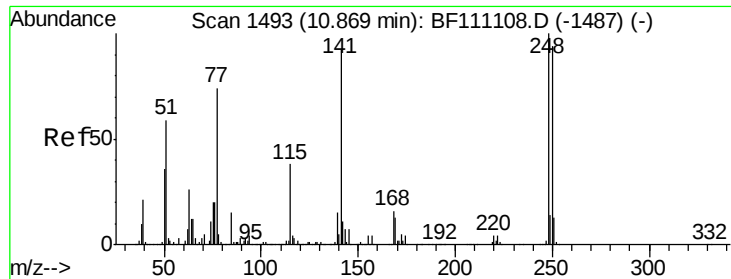
Tgt Ion:198 Resp: 74464
 Ion Ratio Lower Upper
 198 100
 51 72.6 48.8 88.8
 105 60.0 35.2 75.2



#66
 n-Nitrosodiphenylamine
 Concen: 44.645 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion:169 Resp: 1965192
 Ion Ratio Lower Upper
 169 100
 168 69.2 55.4 83.2
 167 38.8 31.1 46.7

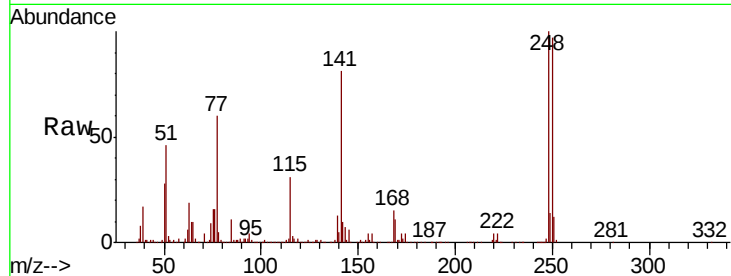




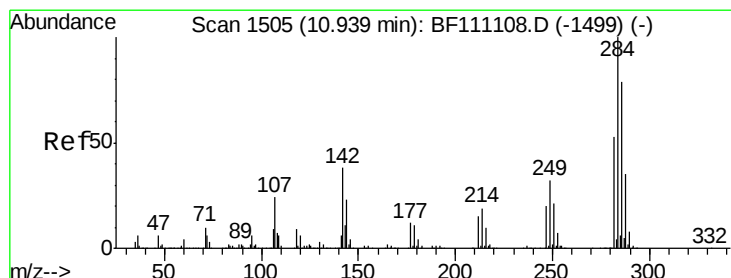
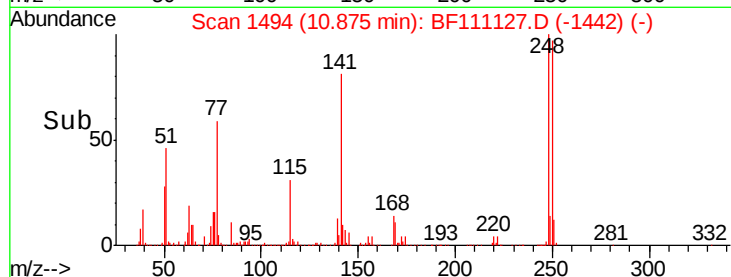
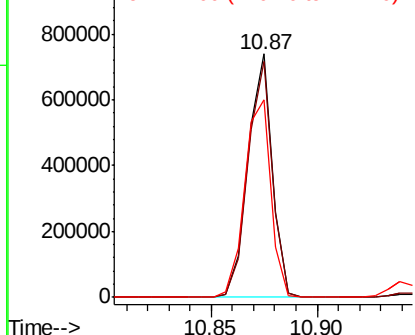
#67
4-Bromophenyl-phenylether
Concen: 44.346 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tgt Ion:248 Resp: 590119
Ion Ratio Lower Upper
248 100
250 96.9 75.4 113.0
141 81.3 73.8 110.6

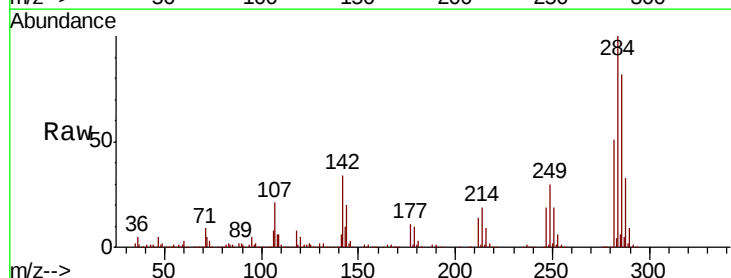


Abundance Ion 248.00 (247.70 to 248.70): E
1000000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

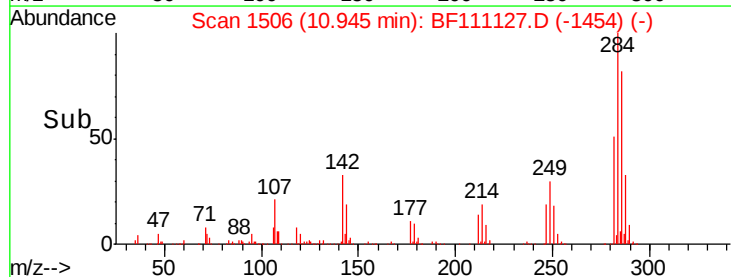
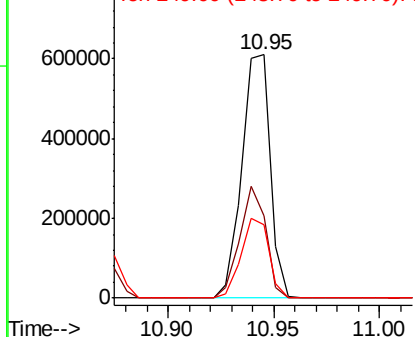


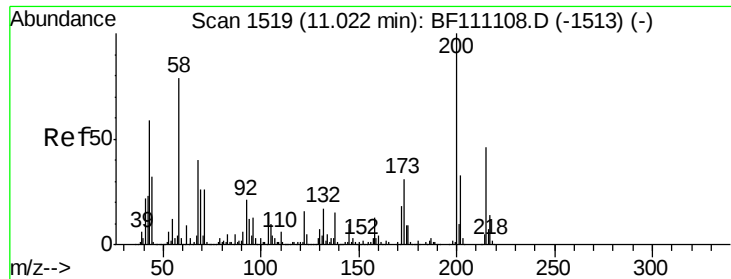
#68
Hexachlorobenzene
Concen: 41.817 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion:284 Resp: 568995
Ion Ratio Lower Upper
284 100
142 34.1 30.2 45.2
249 30.2 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E
800000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

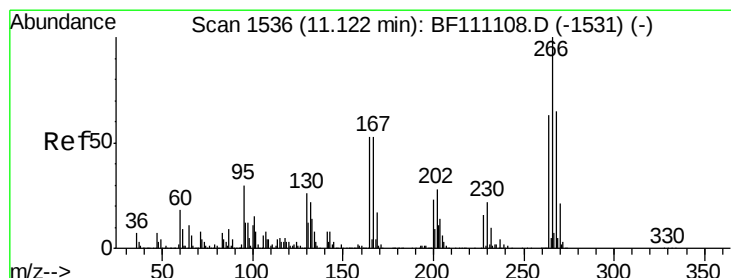
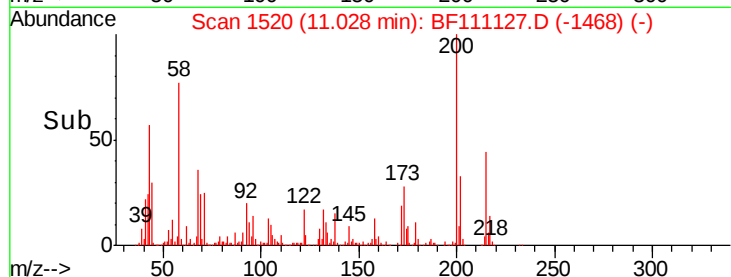
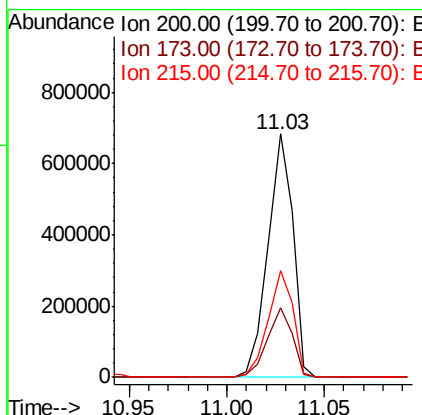
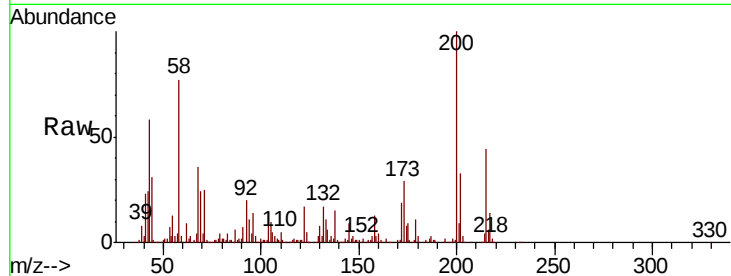




#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

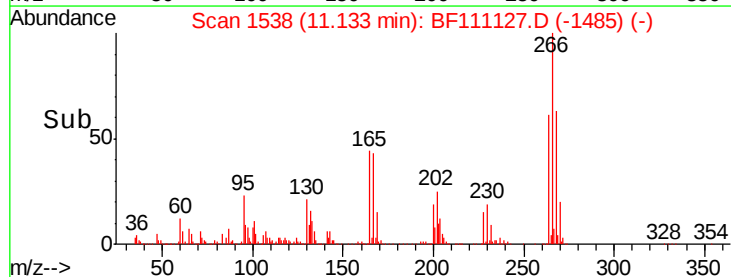
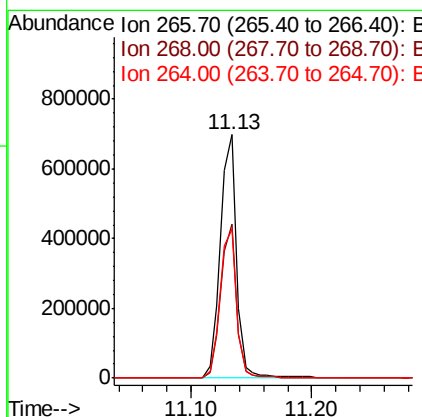
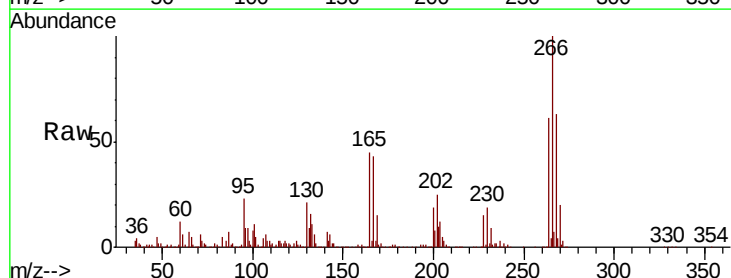
Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

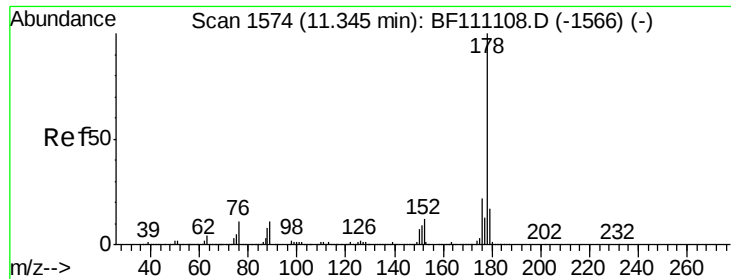
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.6	11.3	51.3
215	44.1	25.9	65.9



#70
Pentachlorophenol
Concen: 72.028 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.2	78.4
264	61.1	50.8	76.2

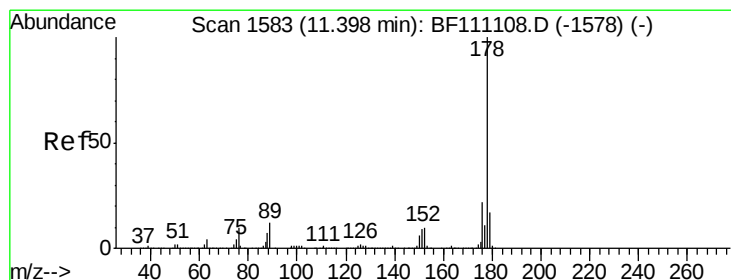
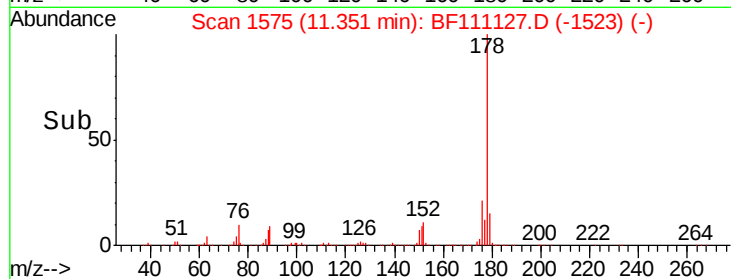
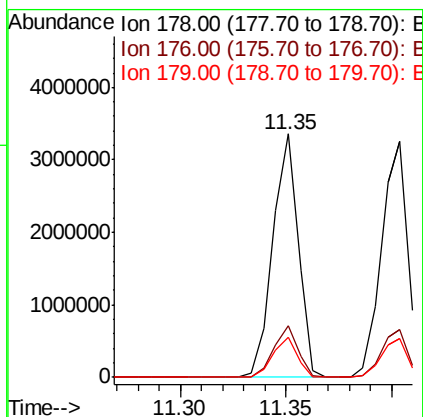
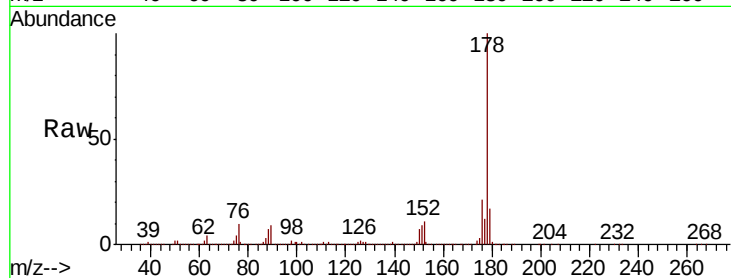




#71
Phenanthrene
Concen: 46.467 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

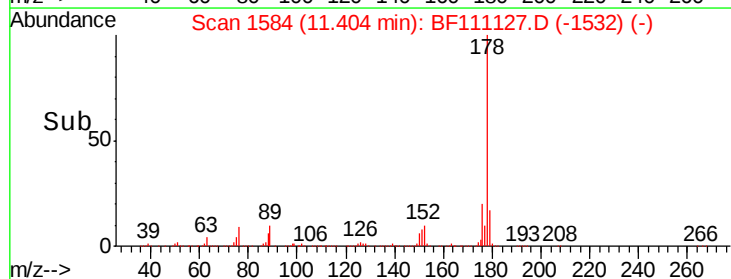
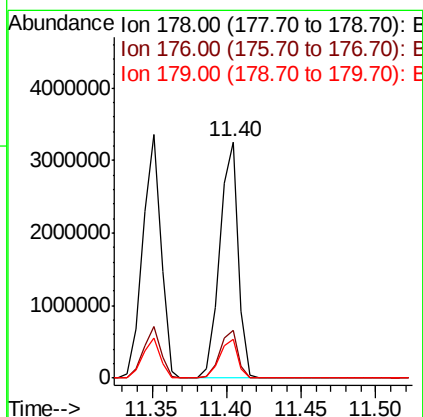
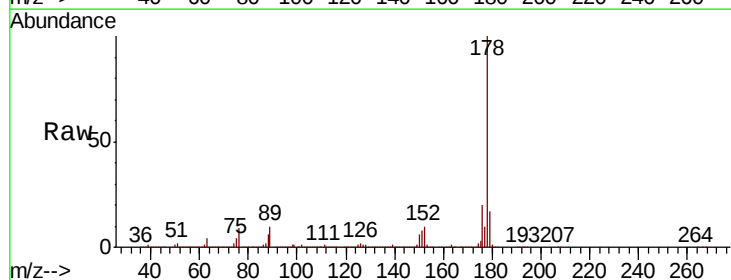
Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

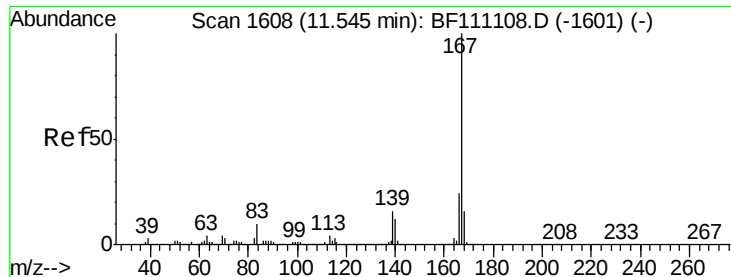
Tgt Ion:178 Resp: 2809814
Ion Ratio Lower Upper
178 100
176 21.4 17.7 26.5
179 16.6 14.0 21.0



#72
Anthracene
Concen: 46.580 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion:178 Resp: 2839142
Ion Ratio Lower Upper
178 100
176 20.4 17.3 25.9
179 16.6 13.8 20.8





#73

Carbazole

Concen: 42.798 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

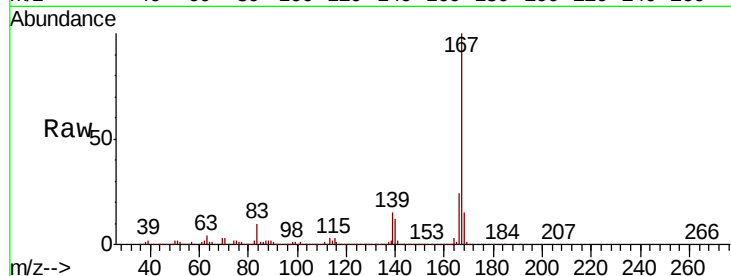
Tgt Ion:167 Resp: 2714392

Ion Ratio Lower Upper

167 100

166 23.7 19.4 29.0

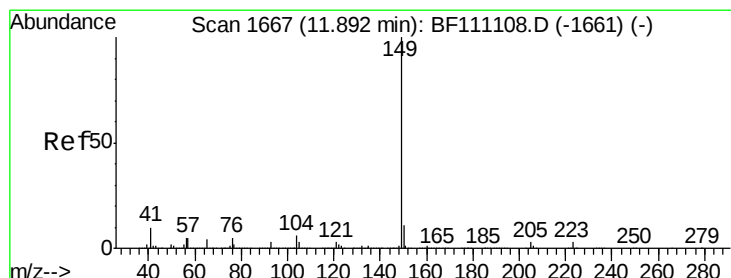
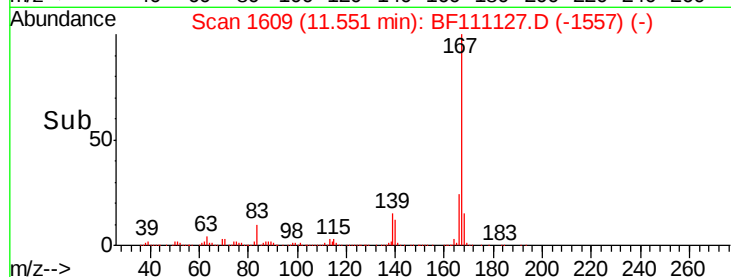
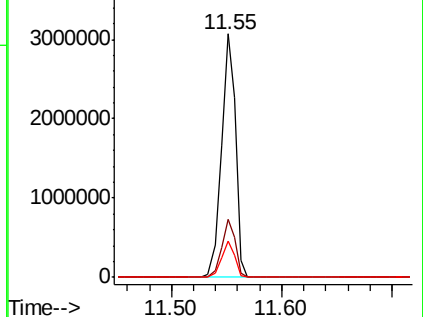
139 15.0 12.6 18.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.657 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

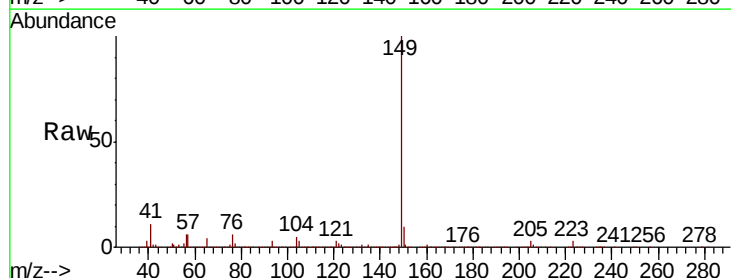
Tgt Ion:149 Resp: 3463884

Ion Ratio Lower Upper

149 100

150 10.2 8.6 12.8

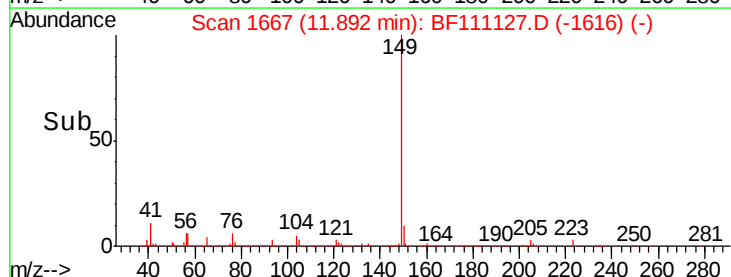
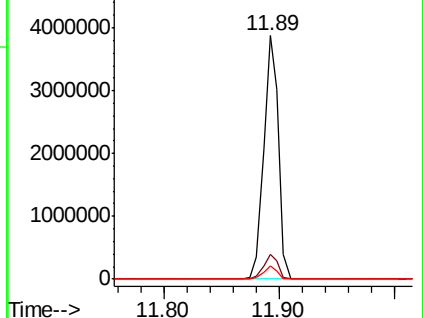
104 5.5 4.5 6.7

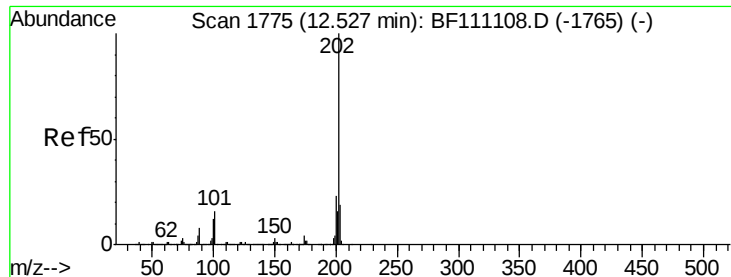


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.996 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

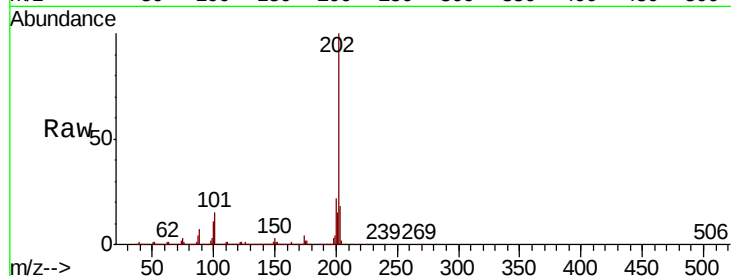
Tgt Ion:202 Resp: 2662423

Ion Ratio Lower Upper

202 100

101 14.6 0.0 35.8

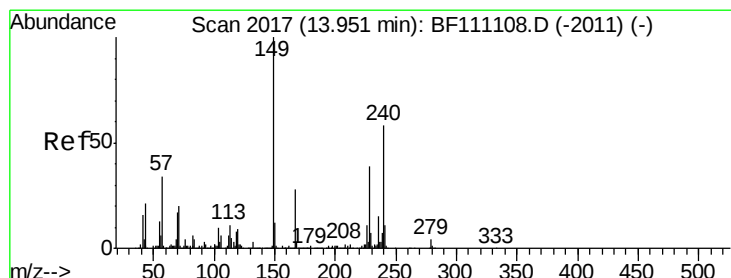
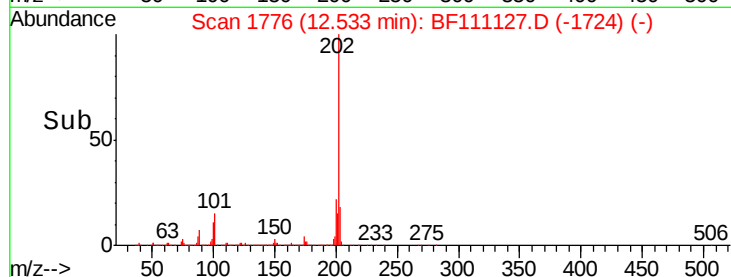
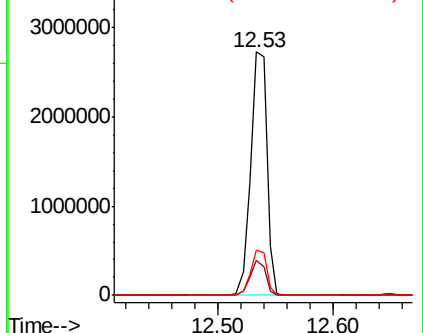
203 18.5 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

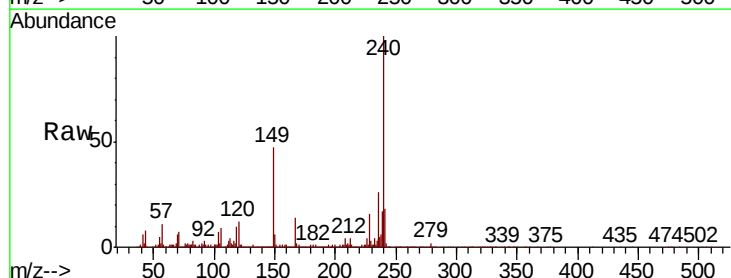
Tgt Ion:240 Resp: 775594

Ion Ratio Lower Upper

240 100

120 11.7 12.8 19.2#

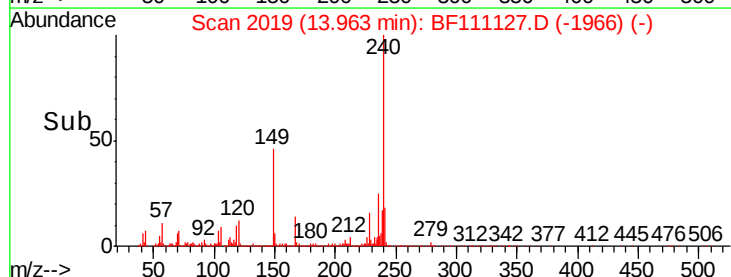
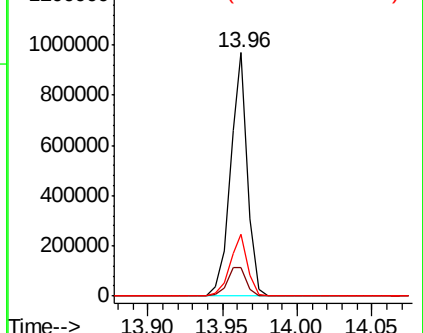
236 25.5 21.1 31.7

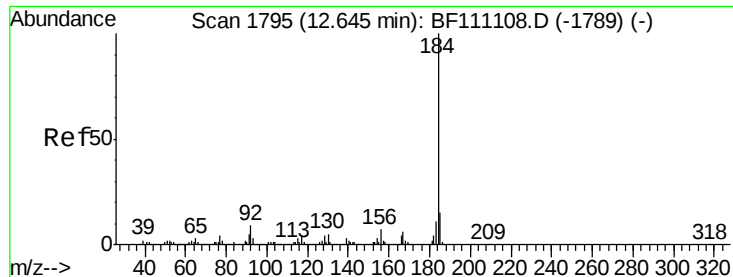


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: Below Cal

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

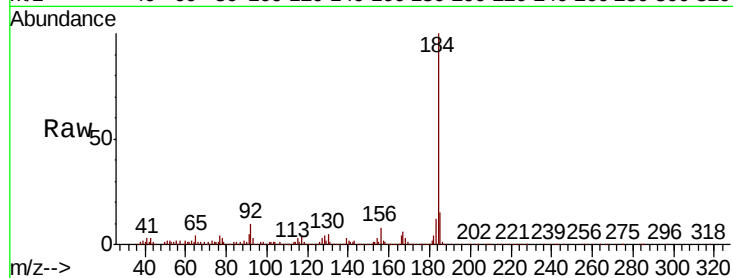
Tgt Ion:184 Resp: 1205997

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

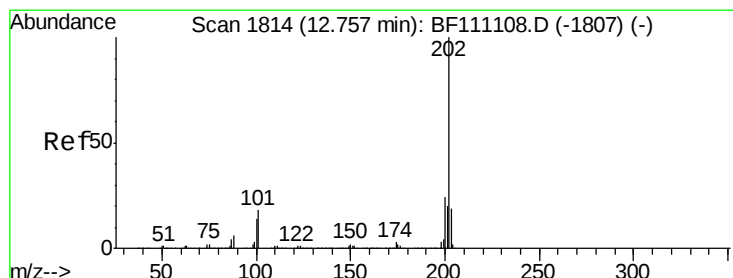
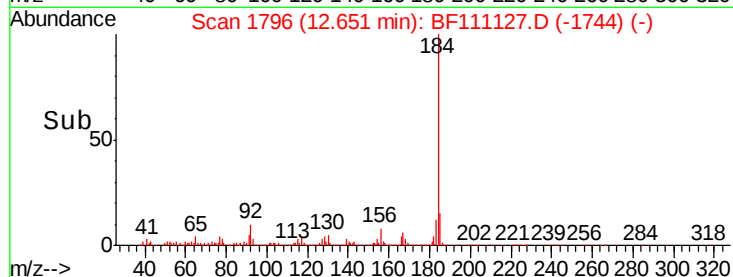
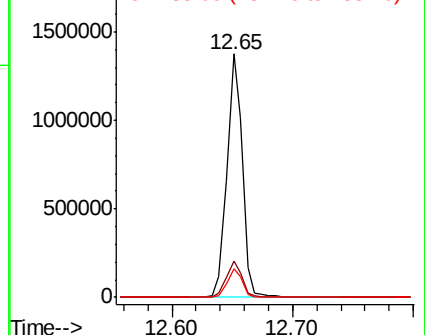
183 11.7 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.739 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

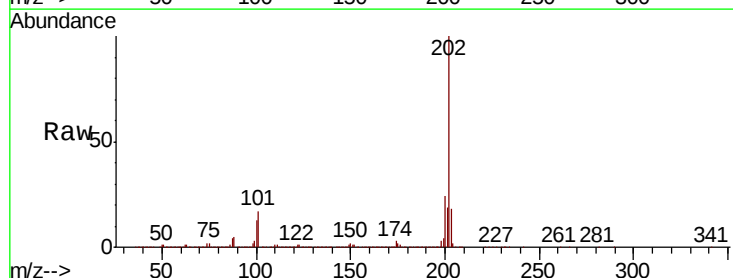
Tgt Ion:202 Resp: 2703305

Ion Ratio Lower Upper

202 100

200 23.7 19.3 28.9

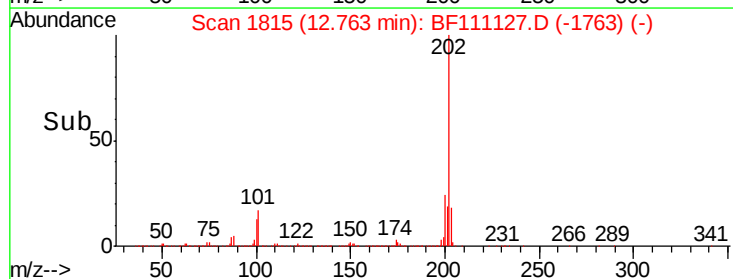
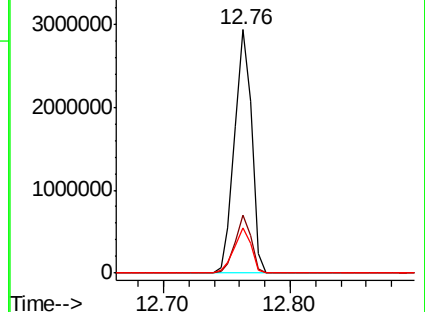
203 18.5 15.4 23.2

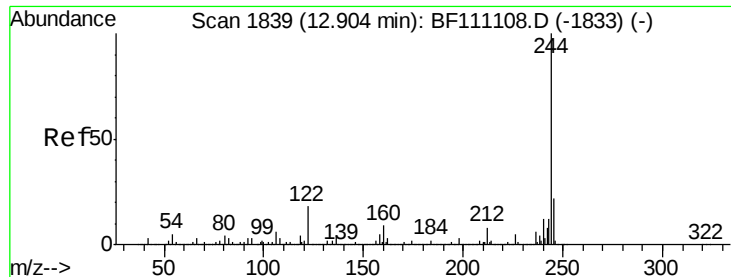


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

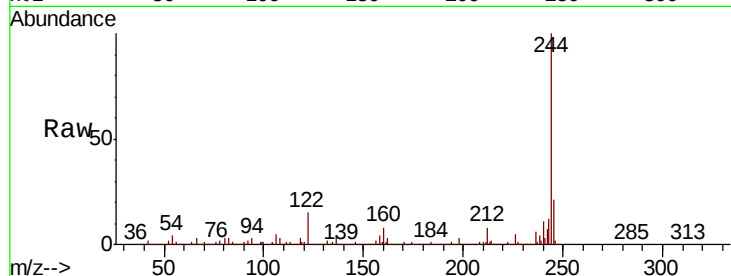




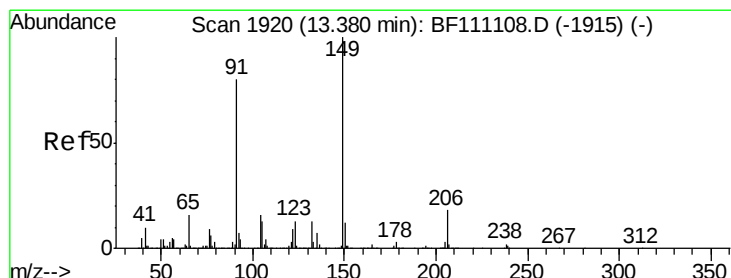
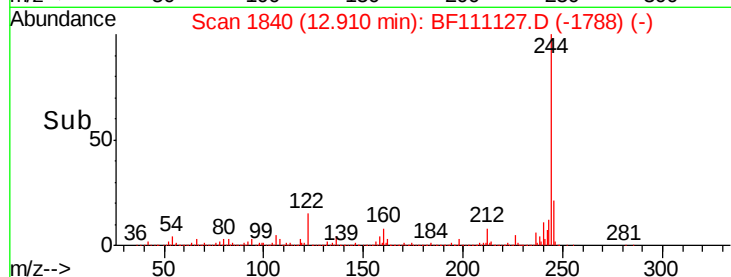
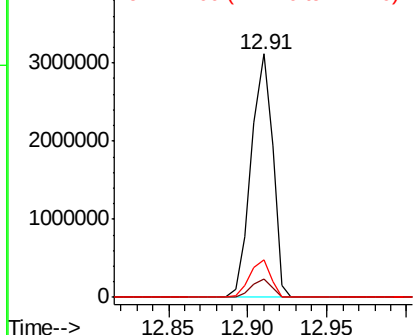
#79
 Terphenyl-d14
 Concen: 77.728 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

Tgt Ion:244 Resp: 2943638
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 15.2 14.2 21.2

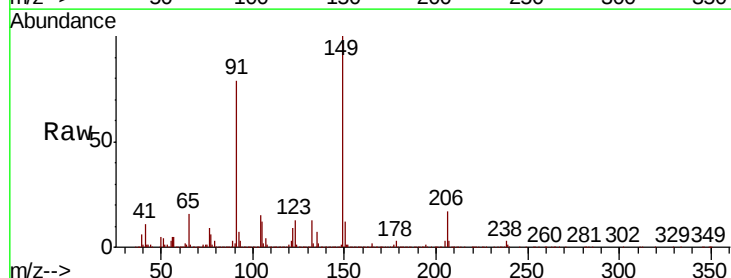


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

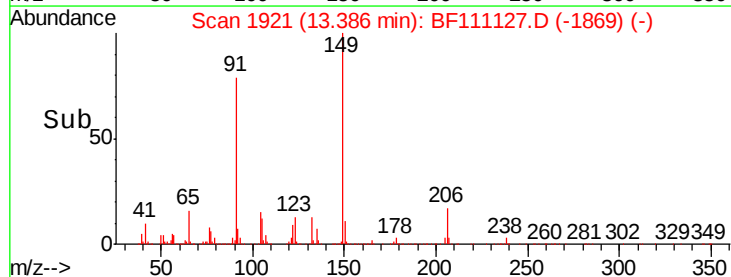
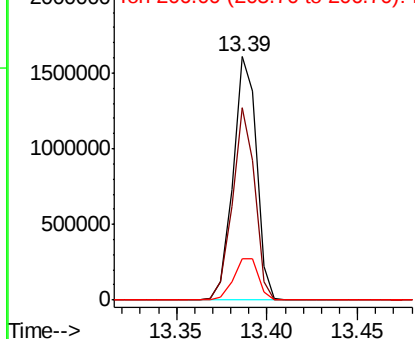


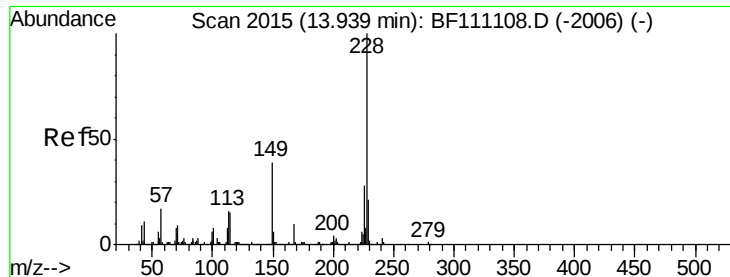
#80
 Butylbenzylphthalate
 Concen: 49.443 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion:149 Resp: 1443262
 Ion Ratio Lower Upper
 149 100
 91 79.2 64.0 96.0
 206 17.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

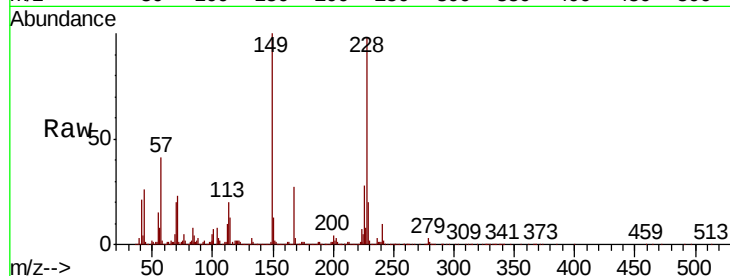




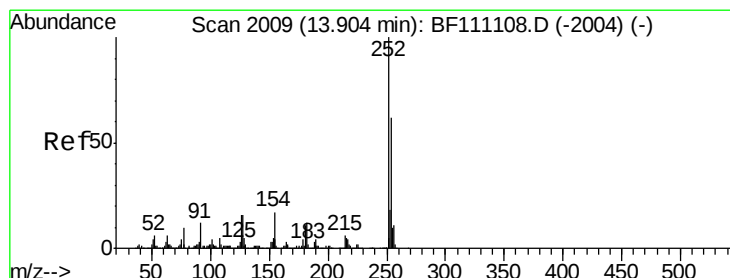
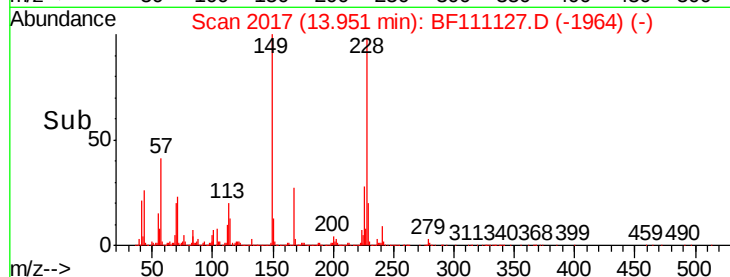
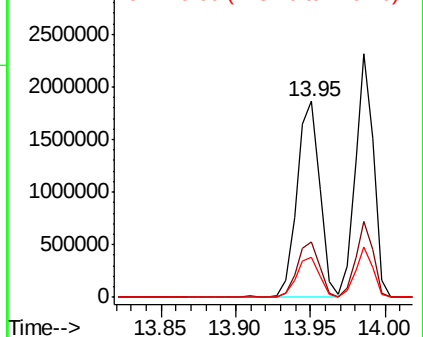
#81
Benzo(a)anthracene
Concen: 44.017 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tgt Ion:228 Resp: 2000233
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 20.5 16.7 25.1

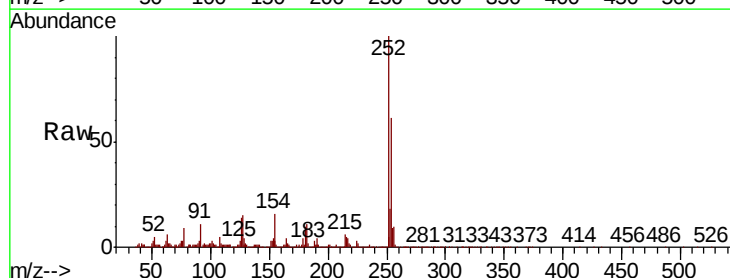


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

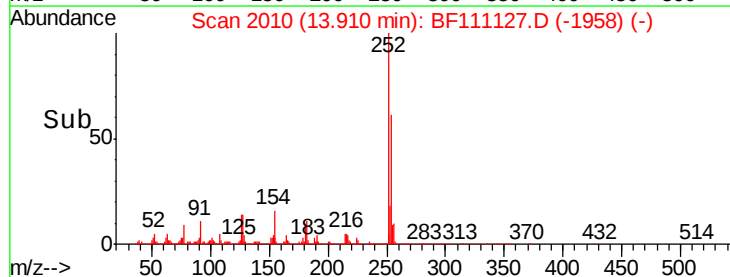
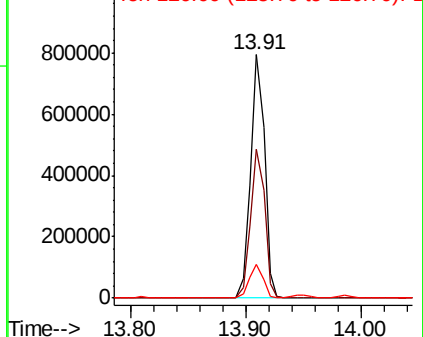


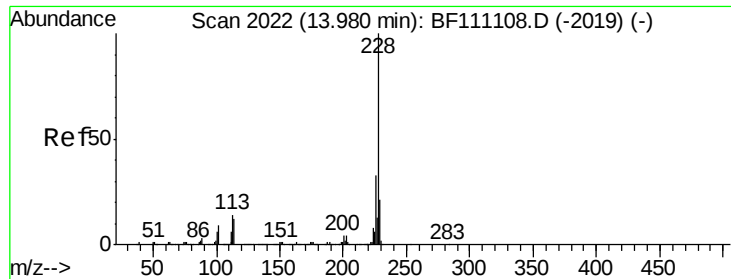
#82
3,3'-Dichlorobenzidine
Concen: 38.902 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion:252 Resp: 667139
Ion Ratio Lower Upper
252 100
254 61.3 49.8 74.8
126 13.6 12.9 19.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.920 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

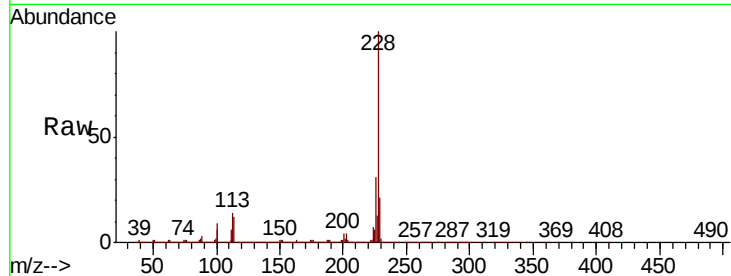
Tgt Ion:228 Resp: 1981308

Ion Ratio Lower Upper

228 100

226 31.2 26.2 39.2

229 20.8 16.9 25.3

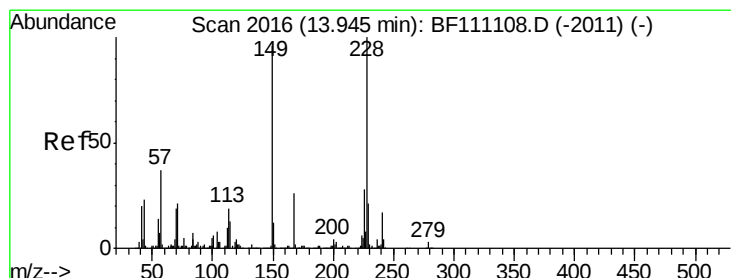
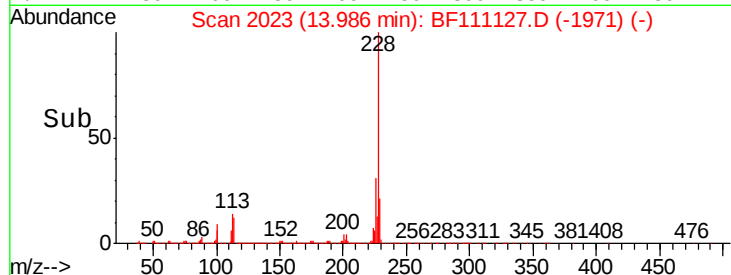
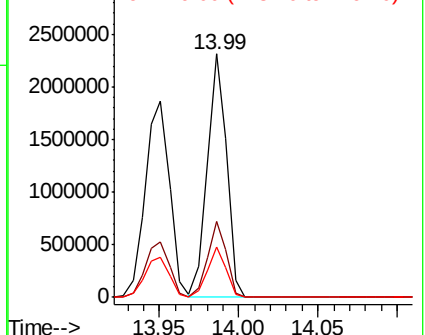


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.600 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

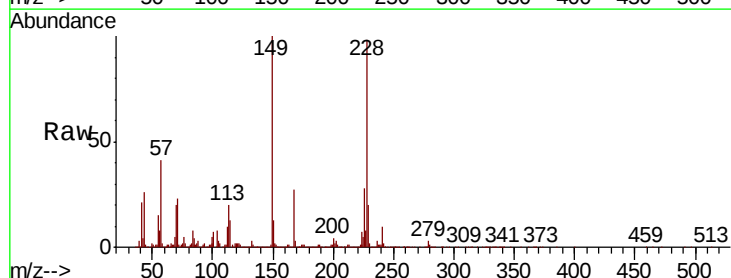
Tgt Ion:149 Resp: 1784072

Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 2.8 2.3 3.5

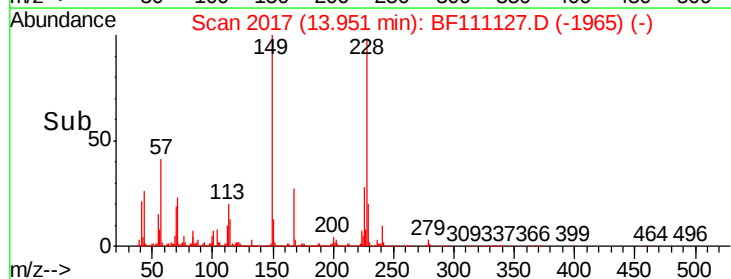
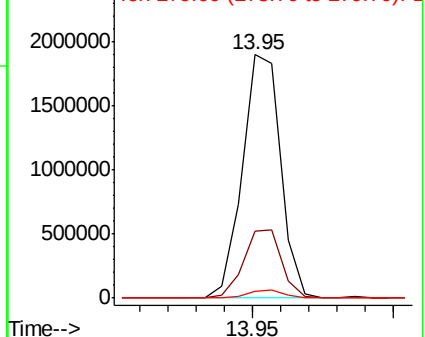


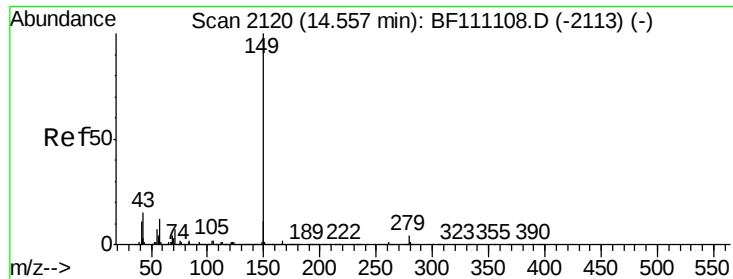
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.879 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

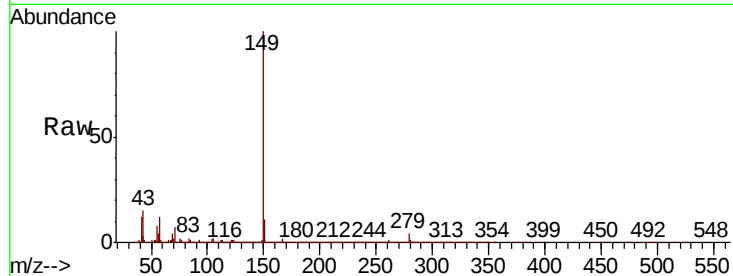
Tgt Ion:149 Resp: 2986404

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

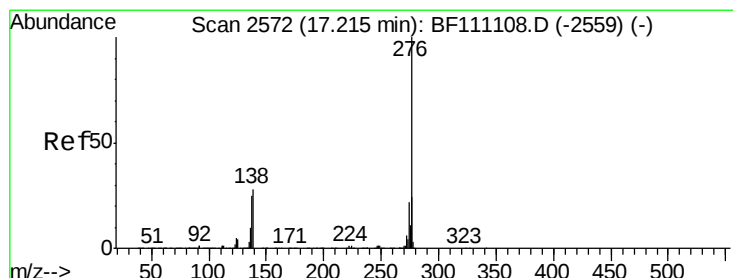
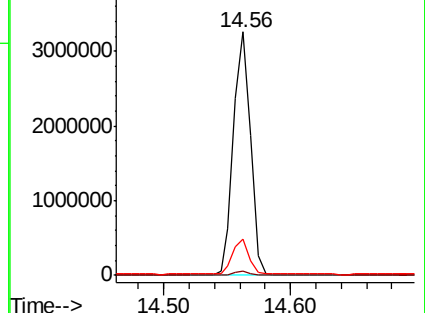
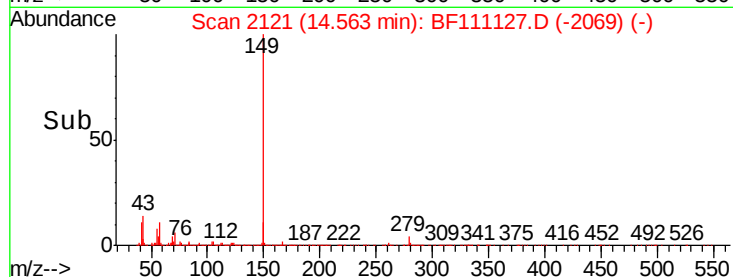
43 14.3 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.774 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.02 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

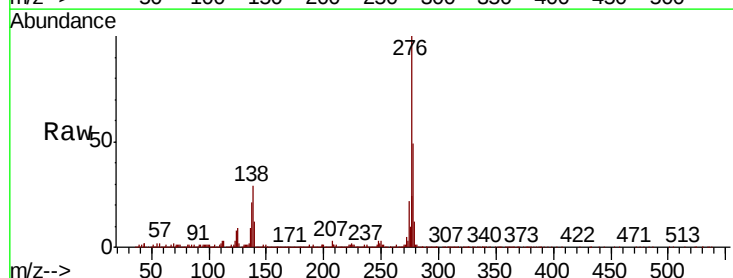
Tgt Ion:276 Resp: 1476849

Ion Ratio Lower Upper

276 100

138 32.1 20.2 30.4#

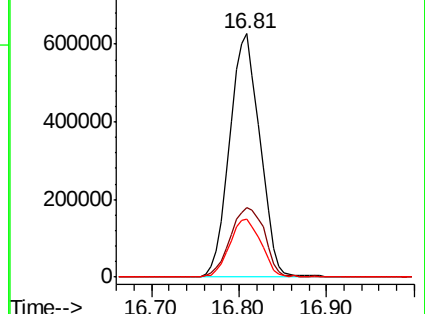
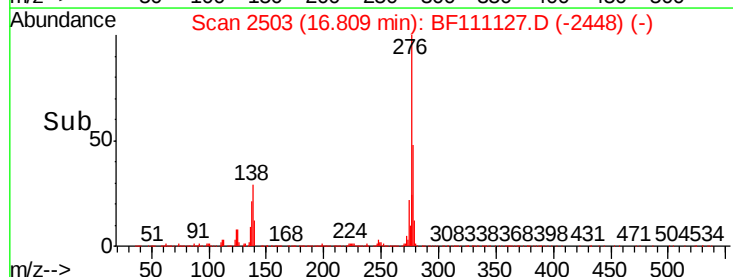
277 25.0 15.8 23.6#

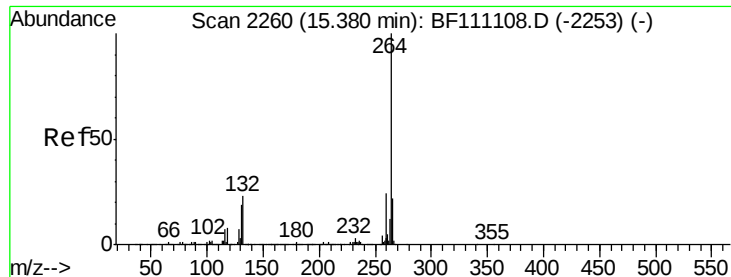


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

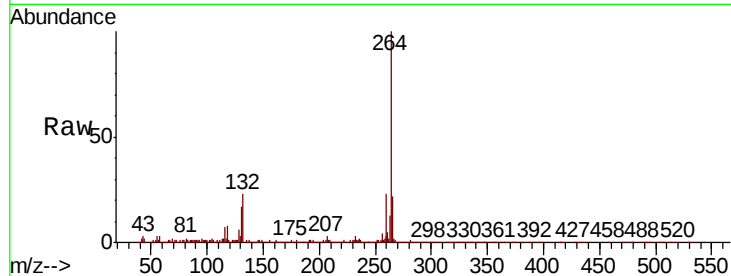
Tgt Ion:264 Resp: 609961

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.0

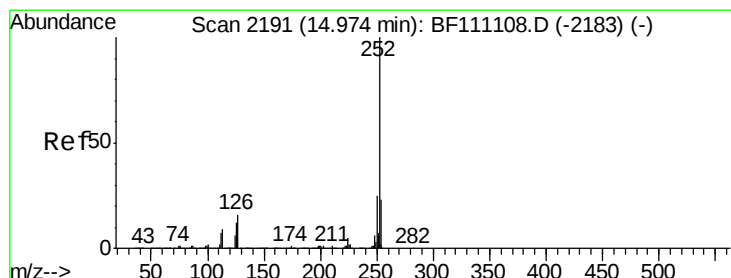
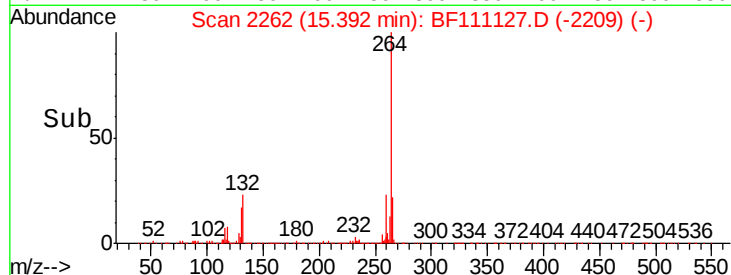
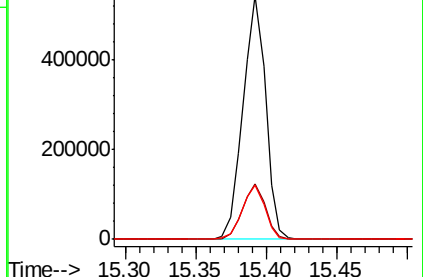
265 22.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.046 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

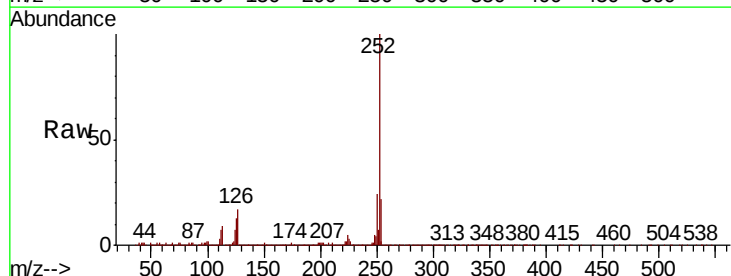
Tgt Ion:252 Resp: 1556939

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

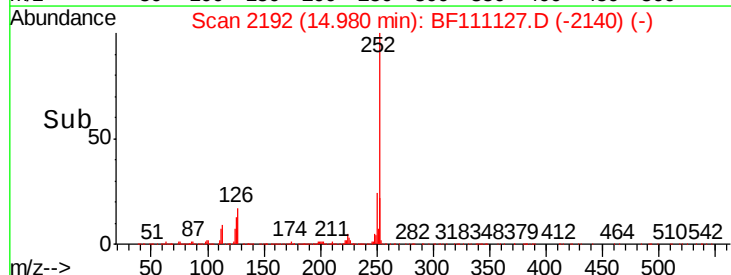
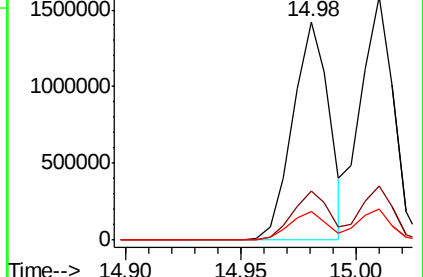
125 13.2 9.9 14.9

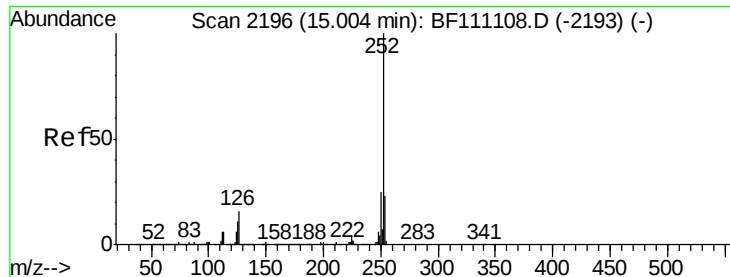


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.496 ng

RT: 15.01 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

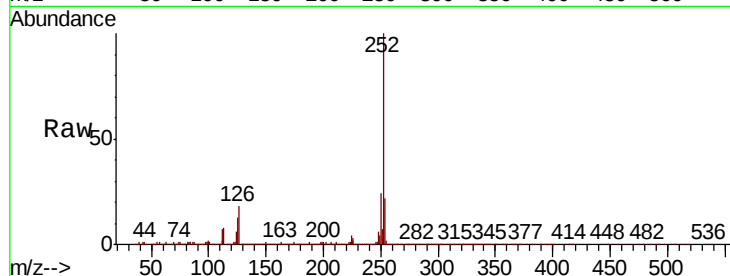
Tgt Ion:252 Resp: 1553585

Ion Ratio Lower Upper

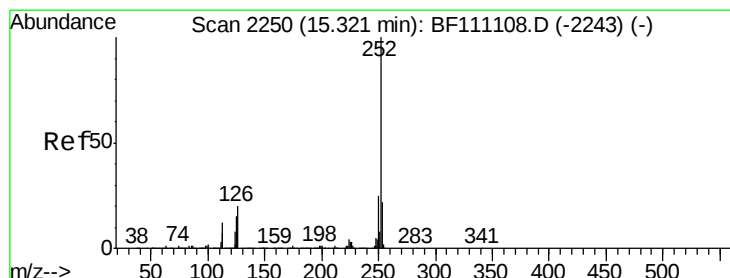
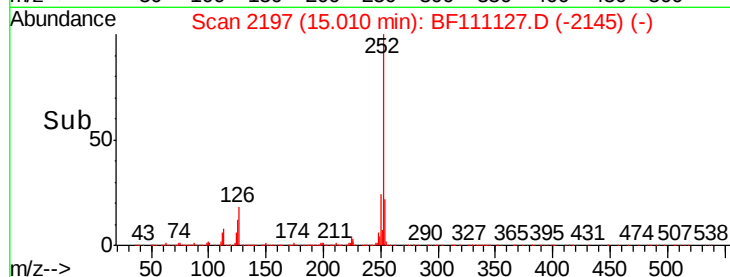
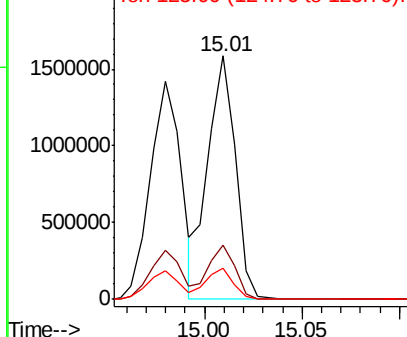
252 100

253 22.2 18.2 27.4

125 12.7 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.796 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

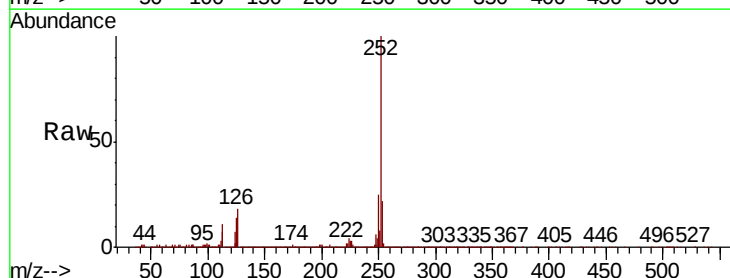
Tgt Ion:252 Resp: 1420157

Ion Ratio Lower Upper

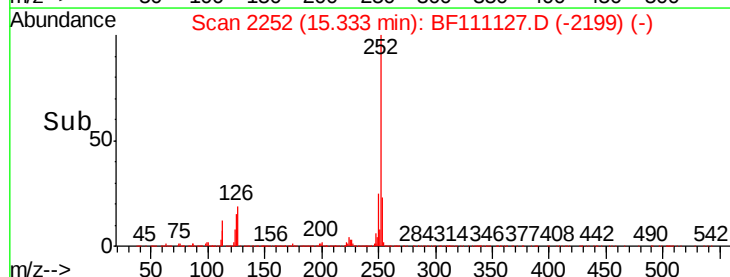
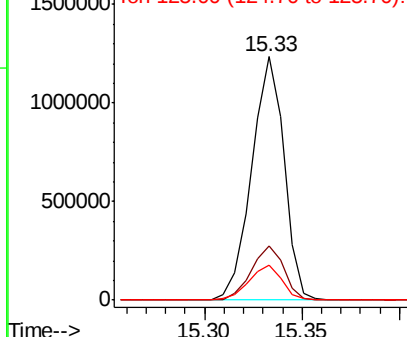
252 100

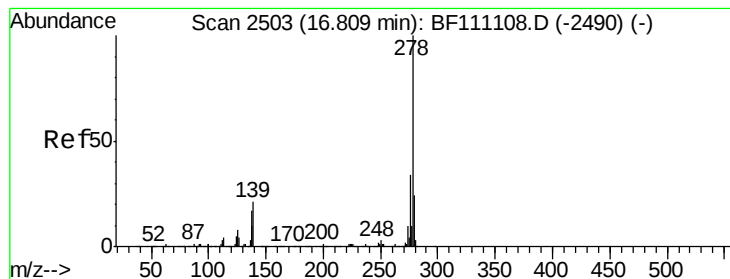
253 22.5 17.5 26.3

125 14.3 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.119 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.02 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

TEST-PITMS

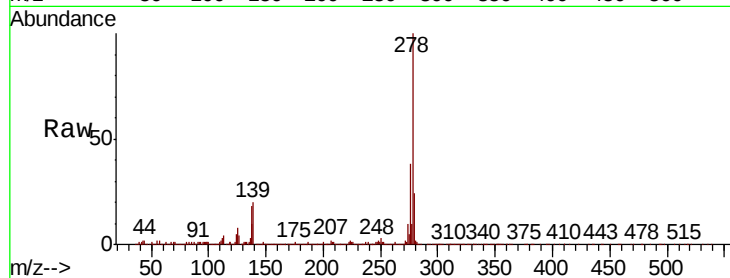
Tgt Ion:278 Resp: 1226967

Ion Ratio Lower Upper

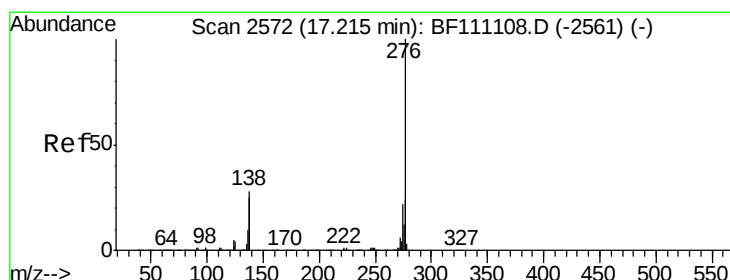
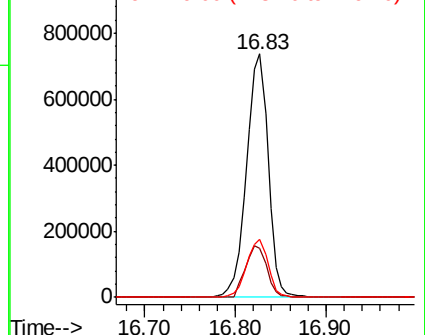
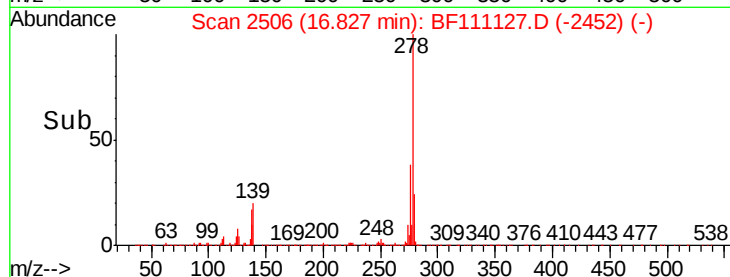
278 100

139 20.3 16.6 25.0

279 23.9 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
800000 Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.013 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.02 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

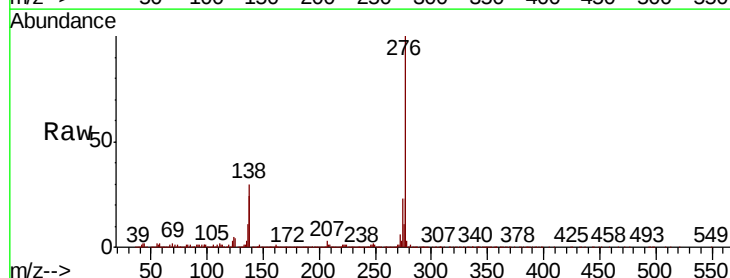
Tgt Ion:276 Resp: 1230157

Ion Ratio Lower Upper

276 100

277 23.4 19.3 28.9

138 29.6 22.3 33.5



Abundance Ion 276.00 (275.70 to 276.70): E
800000 Ion 277.00 (276.70 to 277.70): E
600000 Ion 138.00 (137.70 to 138.70): E

