

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

Manual Integrations
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mohammad
 12/6/2018 12:11:59 PM

Quant Time: Dec 06 03:52:38 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	388355m	39.500	ng	
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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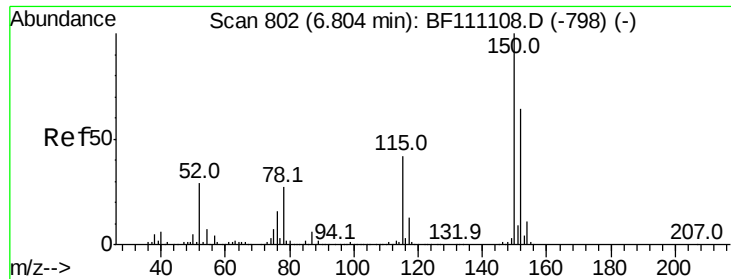
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	377394	32.357	ng	96
43) 2,4,6-Trichlorophenol	9.08	196	709321	43.907	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	741135	45.256	ng	97
46) 1,1'-Biphenyl	9.27	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) Benzdine	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



#1

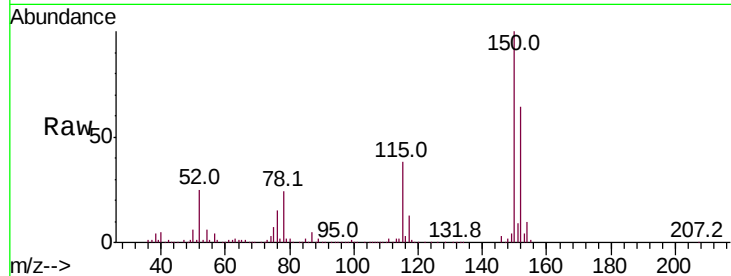
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	187.0
115	59.6	52.2	78.2

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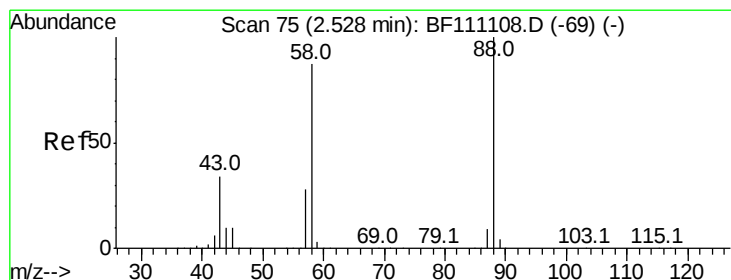
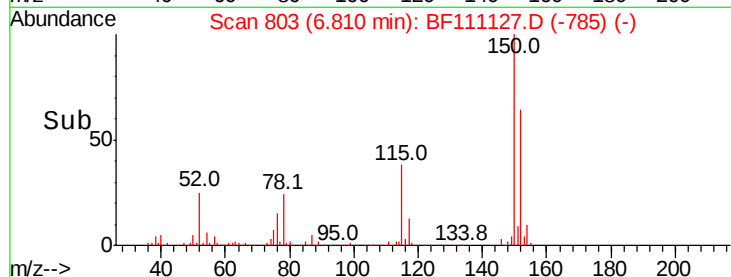
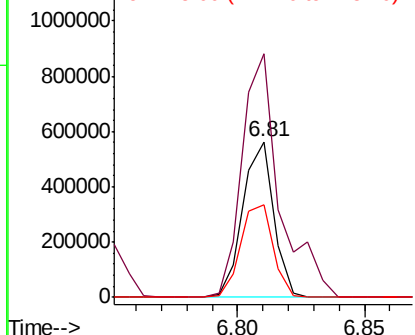


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

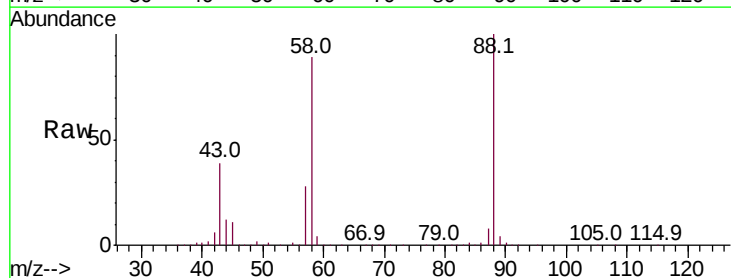
Ion 115.00 (114.70 to 115.70): E



#2

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	Ratio	Lower	Upper
88	100		
58	89.2	70.8	106.2
43	38.2	28.3	42.5

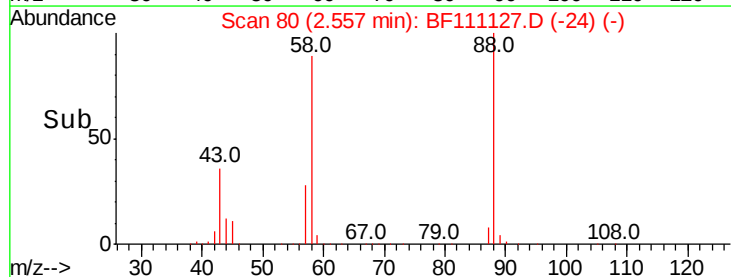
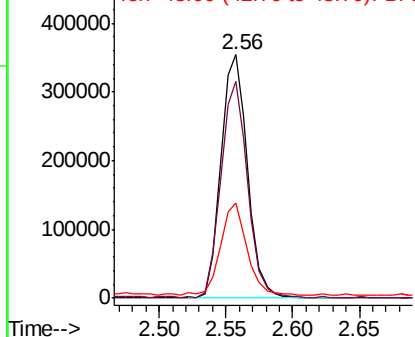


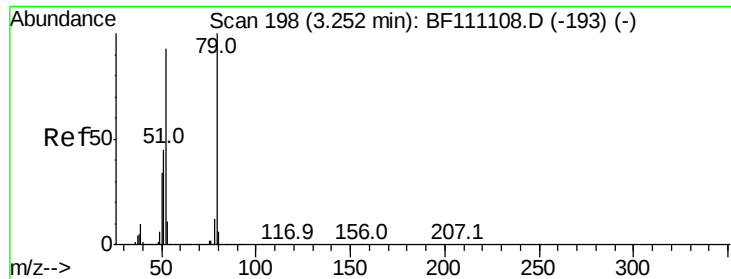
Abundance

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

Pvridine

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

Tot Ion: 79 Resp: 1434701

Ion Ratio Lower Upper

79 100

52 91.2 74.7 112.1

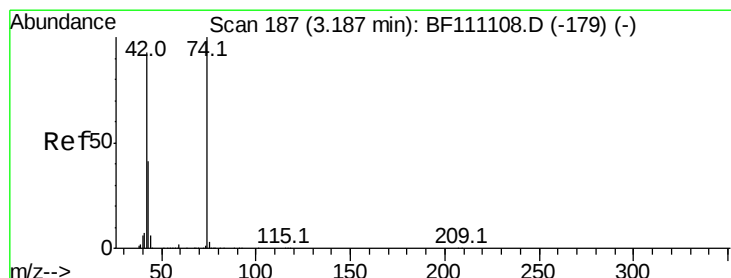
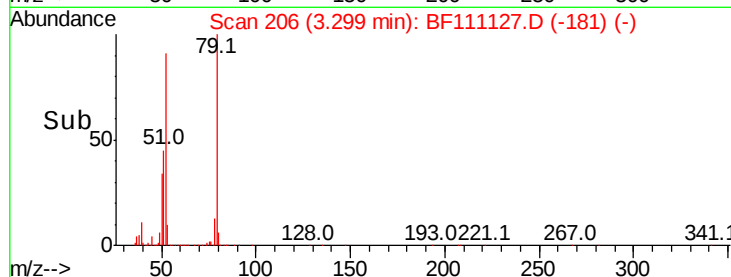
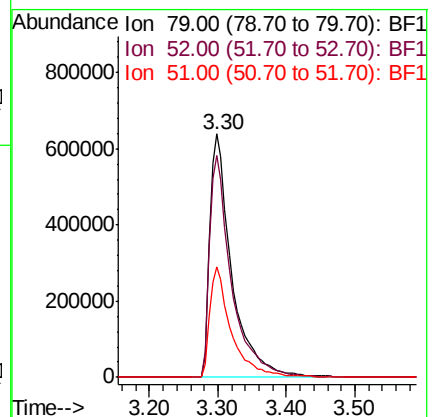
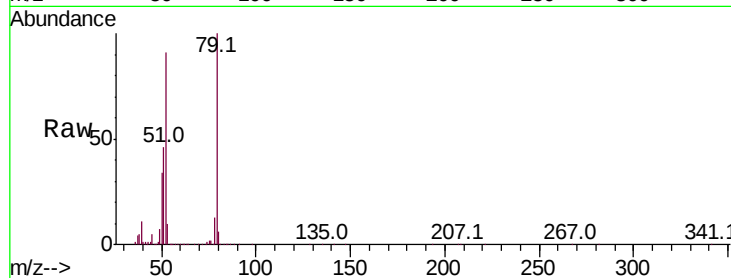
51 45.6 35.9 53.9

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#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

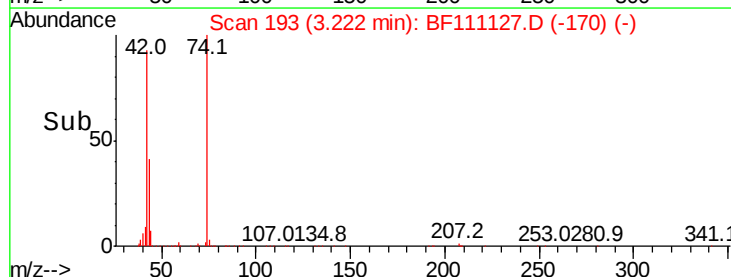
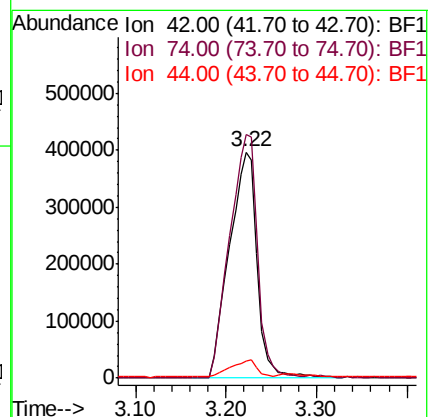
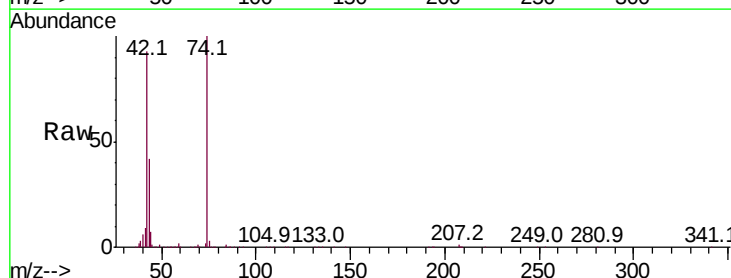
Tgt Ion: 42 Resp: 844793

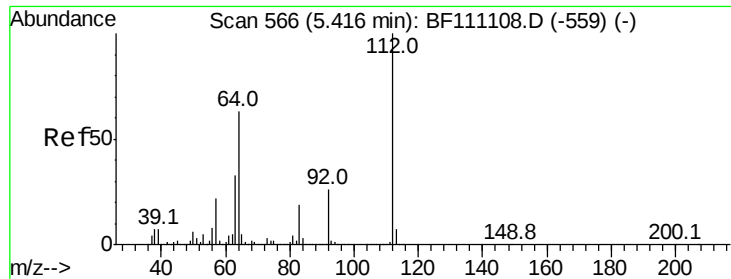
Ion Ratio Lower Upper

42 100

74 107.7 86.2 129.2

44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 111.774 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

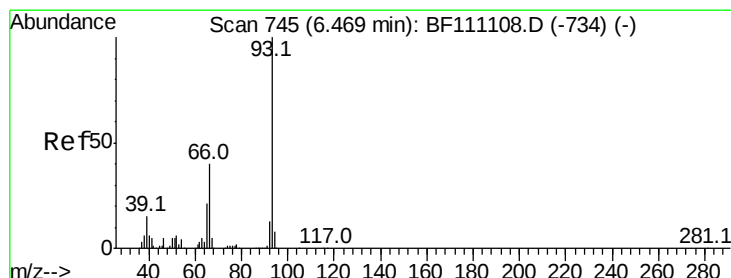
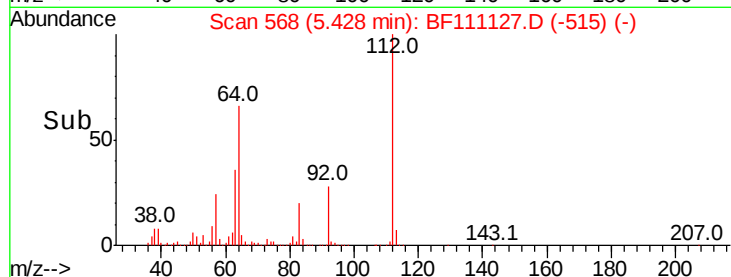
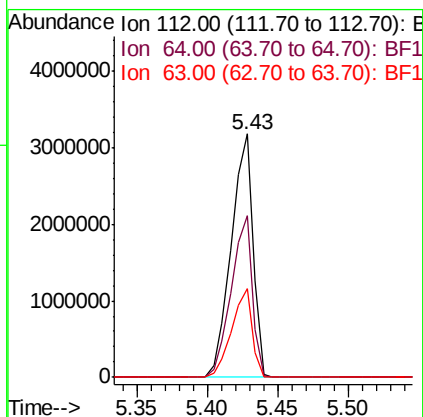
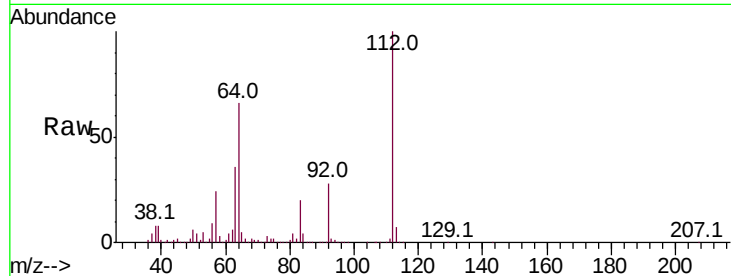
ClientSampleId :

TEST-PITMS

Tot Ion:	112	Resp:	3418617
Ion	Ratio	Lower	Upper
112	100		
64	66.3	50.2	75.4
63	36.4	26.6	39.8

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#6

Aniline

Concen: 14.200 ng

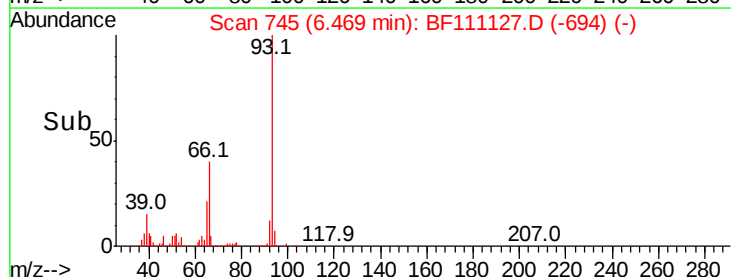
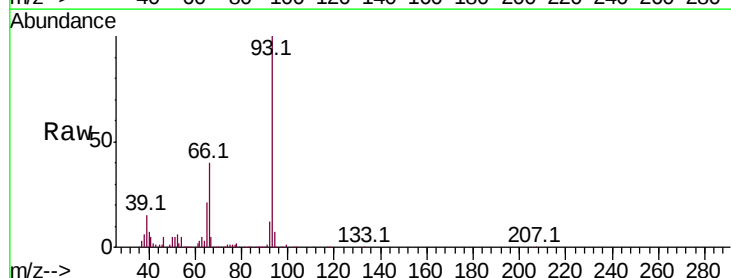
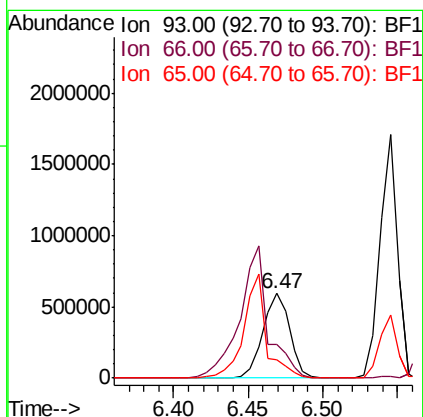
RT: 6.47 min Scan# 745

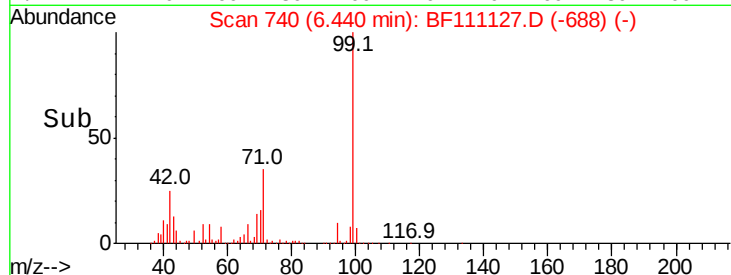
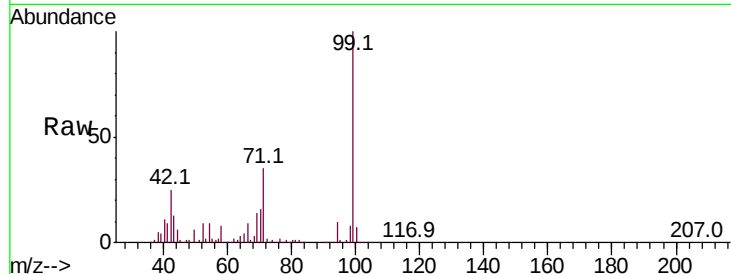
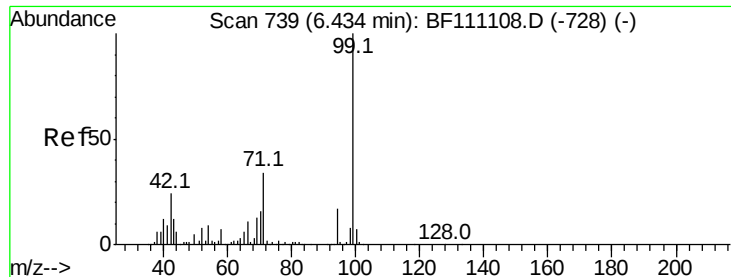
Delta R.T. 0.00 min

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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





#7

Phenol-d6

Concen: 110.949 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Tot Ion: 99 Resp: 4371262

Ion Ratio Lower Upper

99 100

42 25.1 19.3 28.9

71 35.4 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

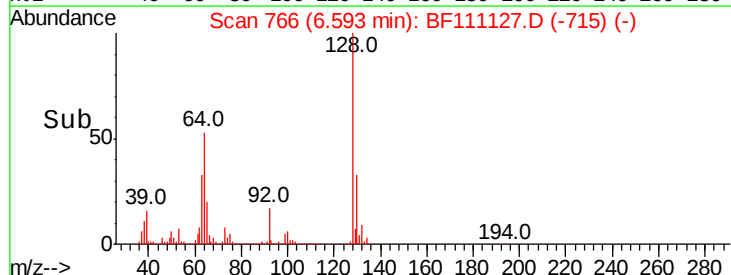
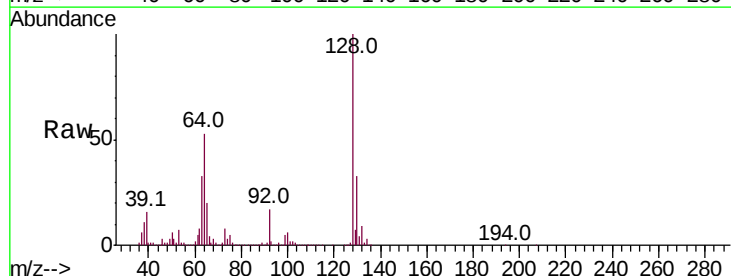
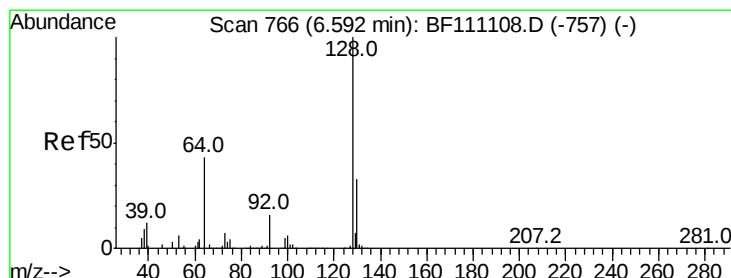
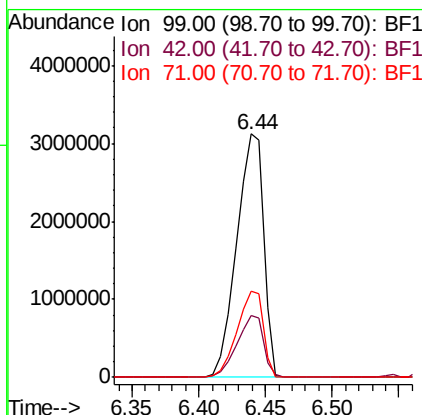
TEST-PITMS

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#8

2-Chlorophenol

Concen: 40.013 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

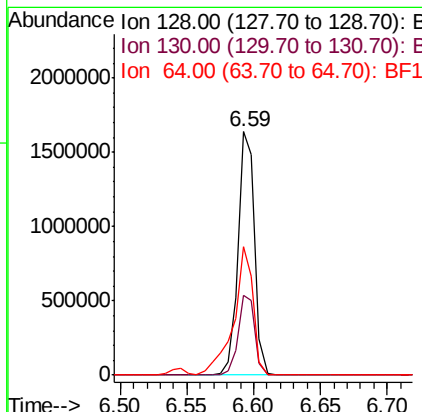
Tgt Ion:128 Resp: 1410569

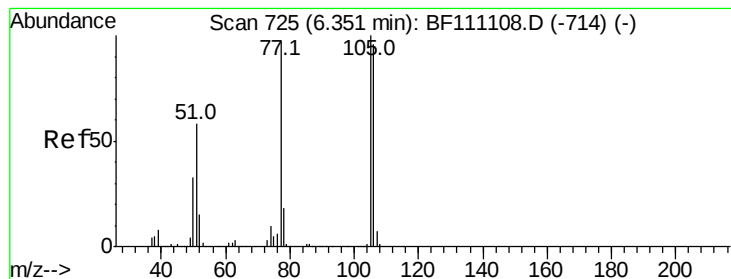
Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

64 52.6 26.6 66.6





#9

Benzaldehyde

Concen: 33.097 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Instrument :

BNA_F

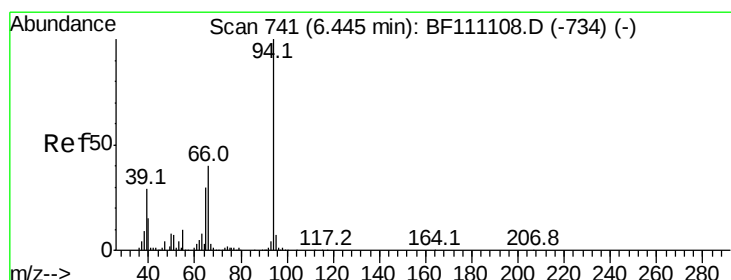
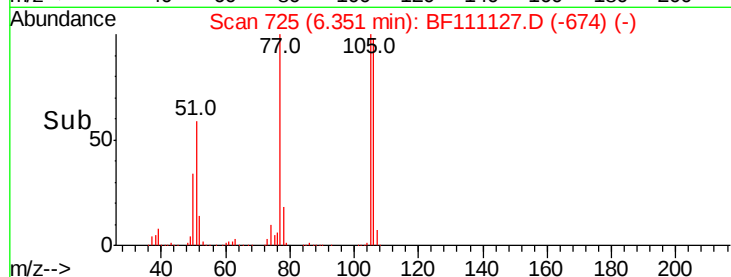
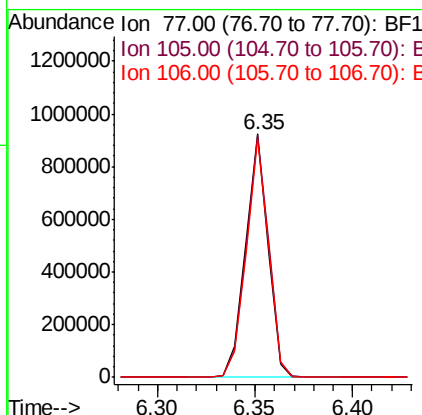
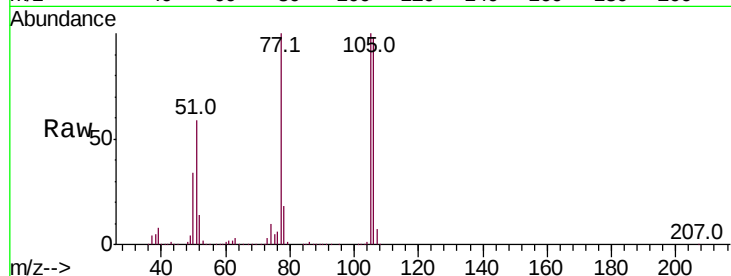
ClientSampleId :

TEST-PITMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.6	83.1	123.1
106	97.9	79.0	119.0

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#10

Phenol

Concen: 45.369 ng

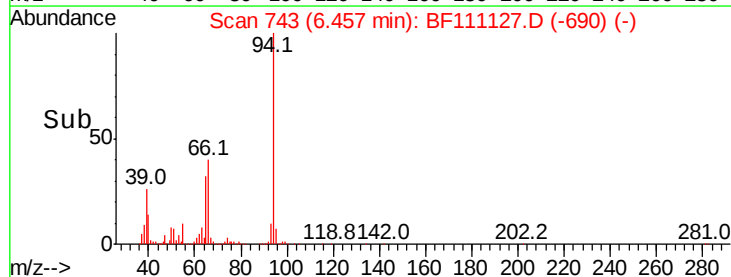
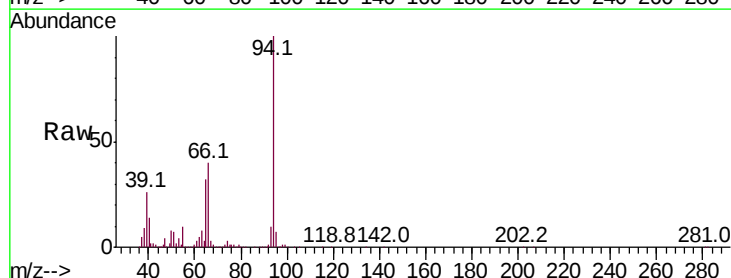
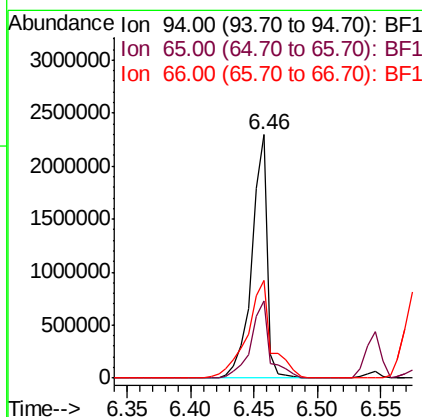
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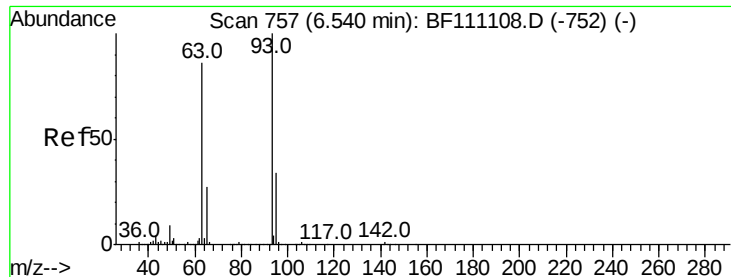
Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.5	50.5
66	40.4	19.8	59.8





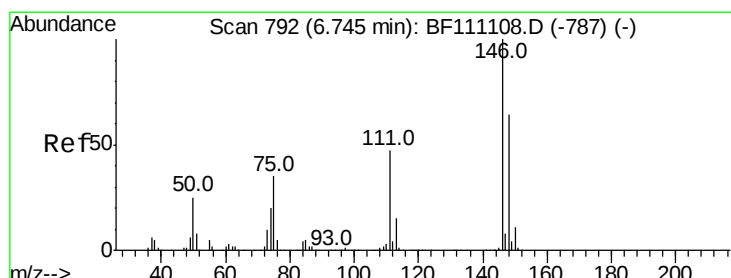
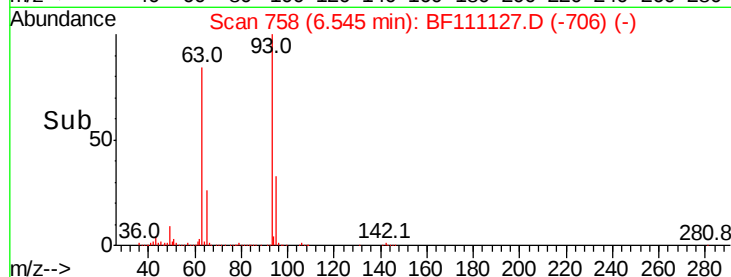
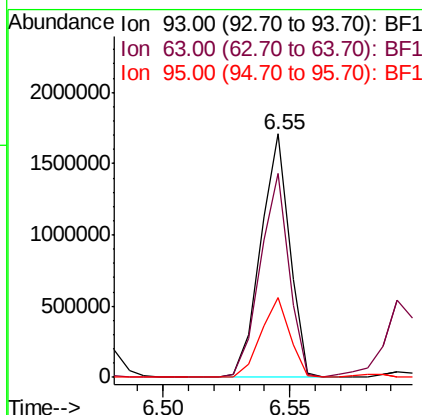
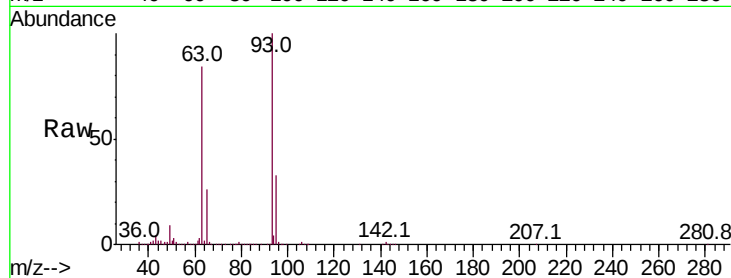
#11
bis(2-Chloroethyl)ether
Concen: 38.792 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

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

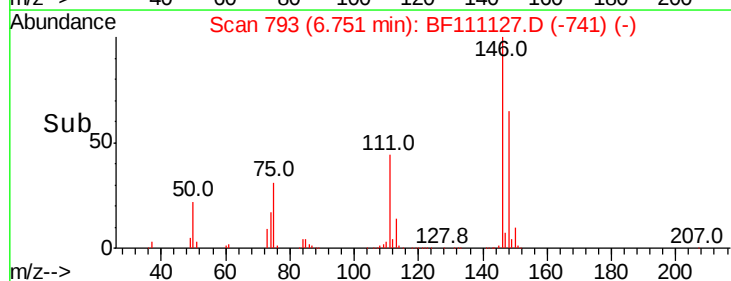
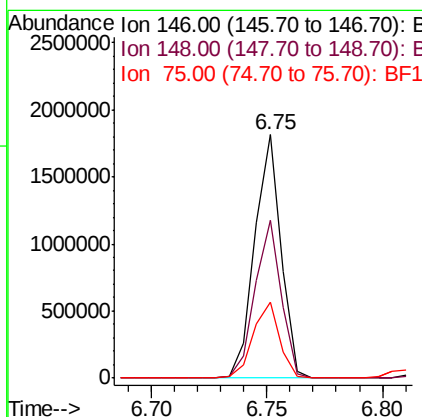
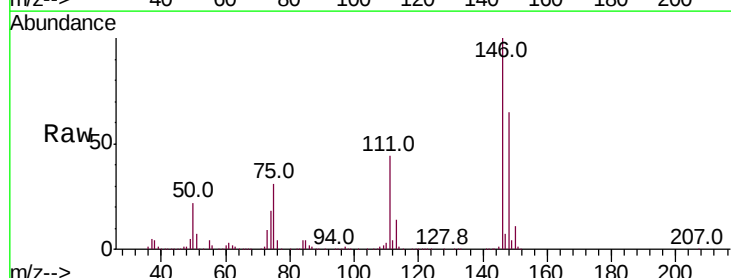
Manual Integrations
APPROVED

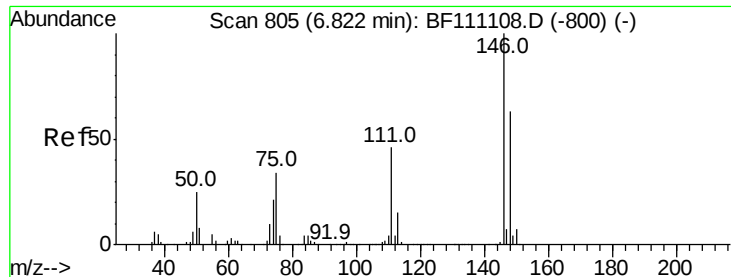
mohammad
12/6/2018 12:11:59 PM



#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





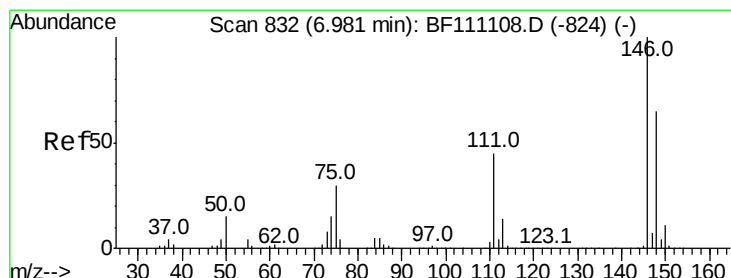
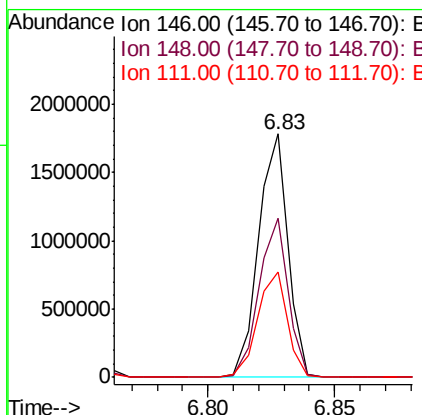
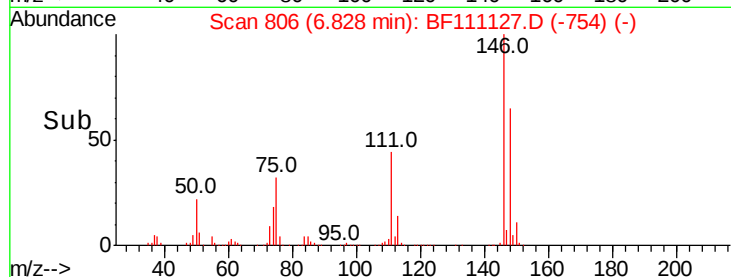
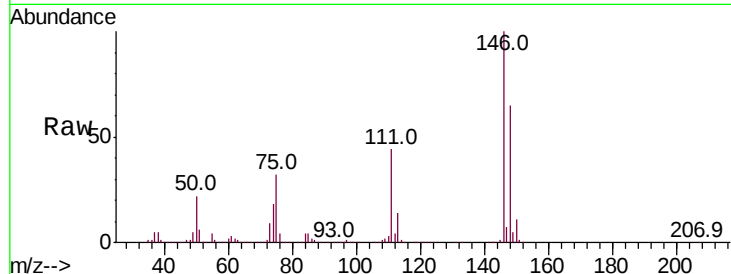
#13
1,4-Dichlorobenzene
Concen: 38.518 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion:146 Resp: 1453274
Ion Ratio Lower Upper
146 100
148 65.3 50.3 75.5
111 43.5 36.6 55.0

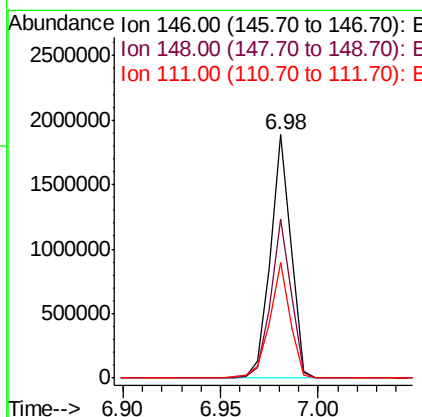
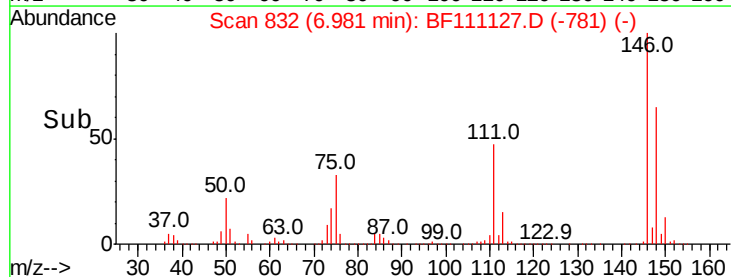
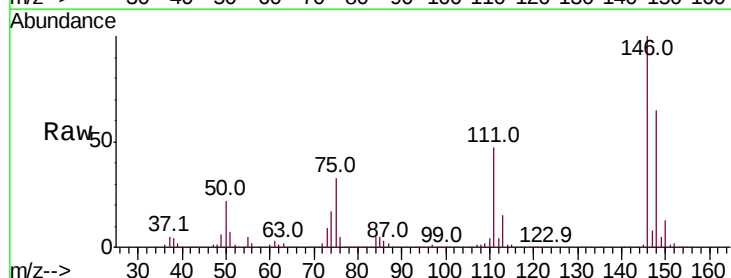
Manual Integrations
APPROVED

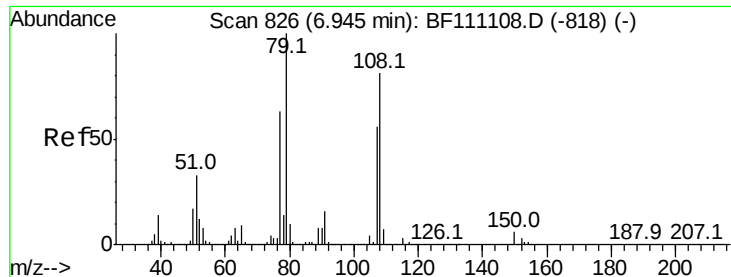
mohammad
12/6/2018 12:11:59 PM



#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





#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

Tot Ion: 79 Resp: 1264315

Ion Ratio Lower Upper

79 100

108 78.5 64.5 96.7

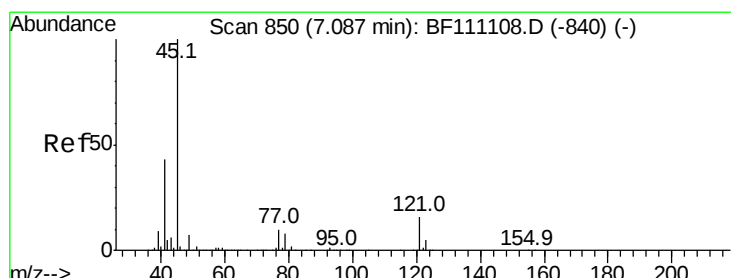
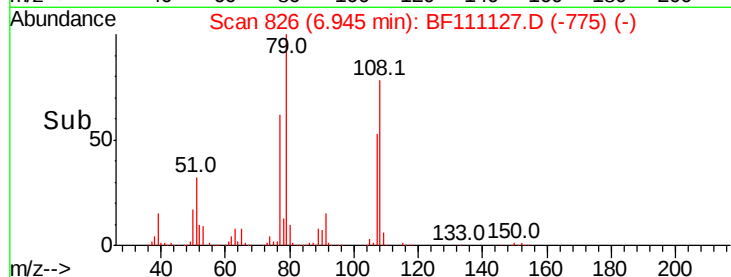
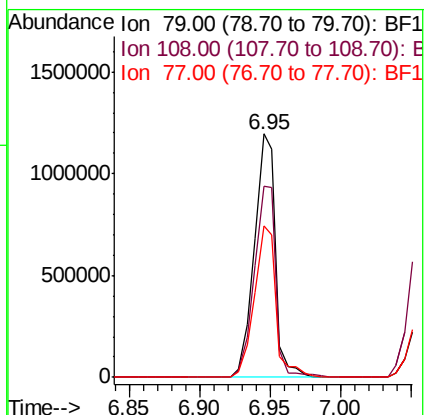
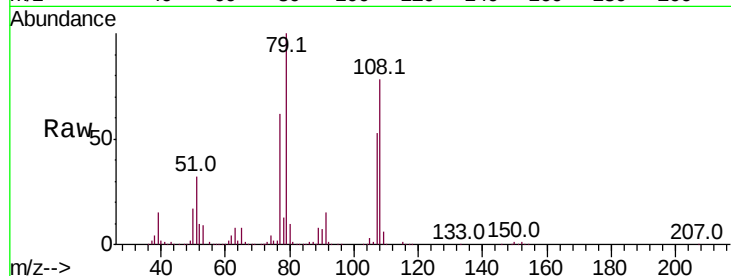
77 62.2 50.5 75.7

Manual Integrations

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#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

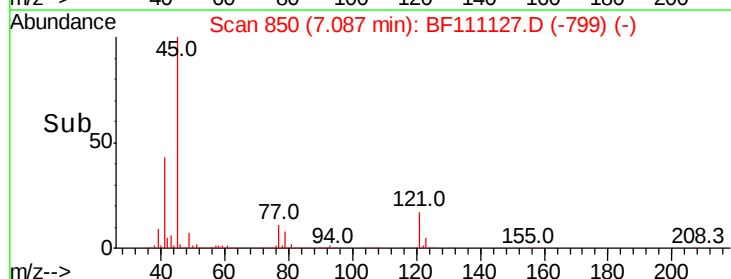
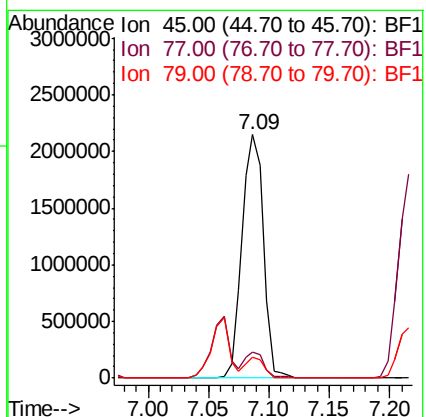
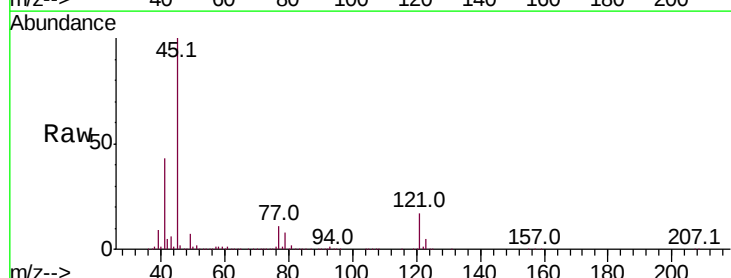
Tgt Ion: 45 Resp: 2660928

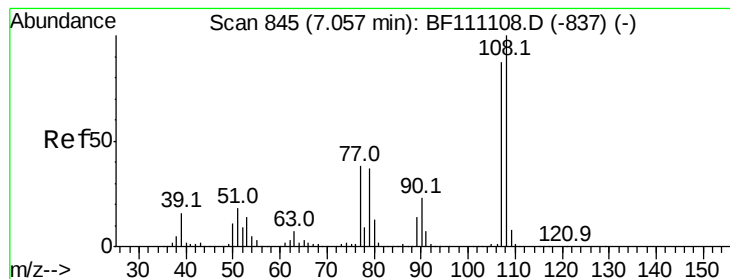
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.6

79 8.5 0.0 28.4





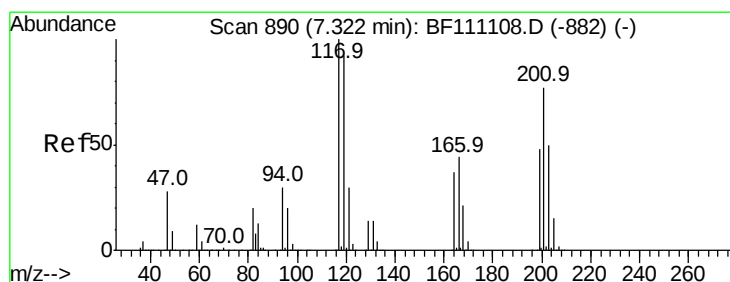
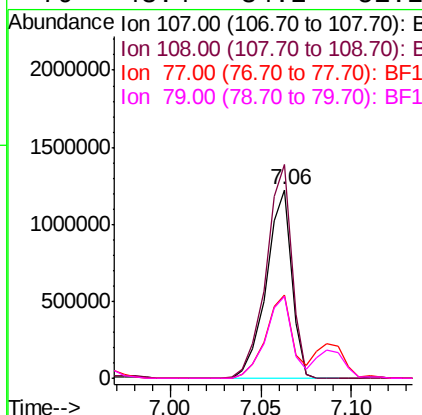
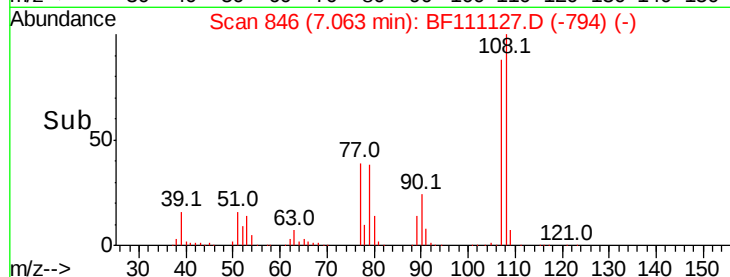
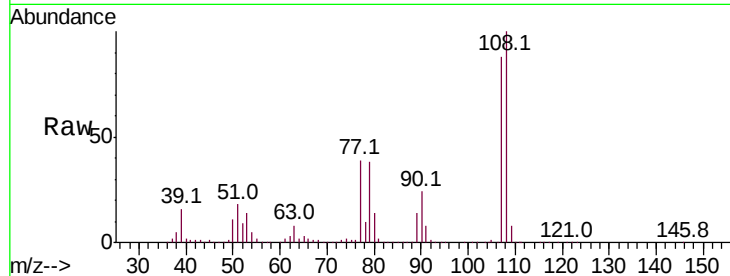
#17
2-Methylphenol
Concen: 41.115 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot 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

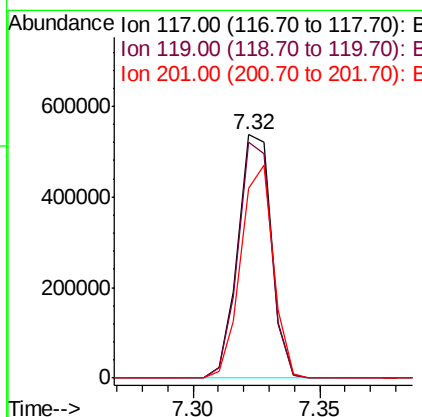
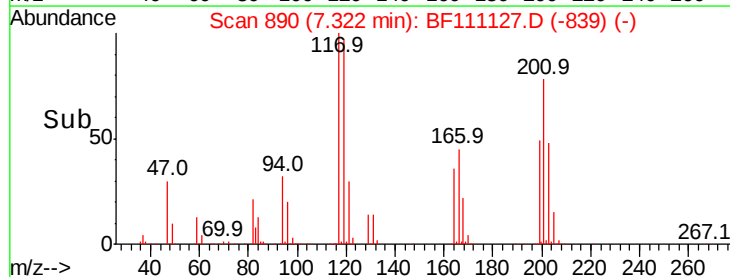
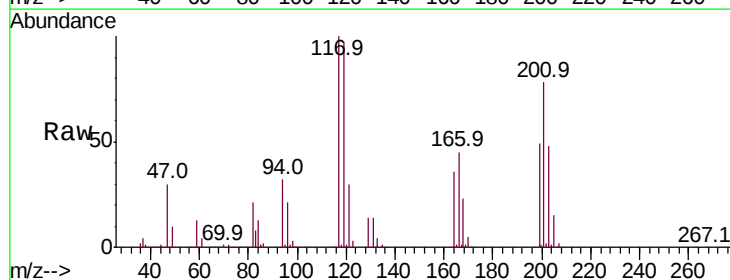
Manual Integrations
APPROVED

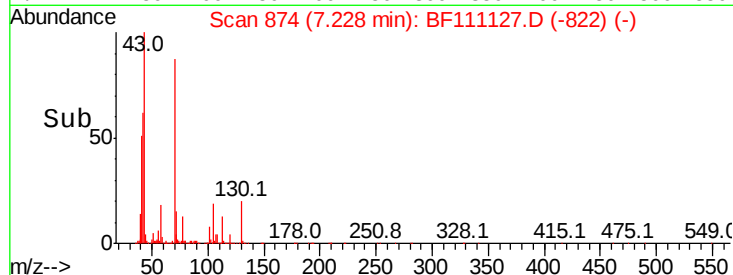
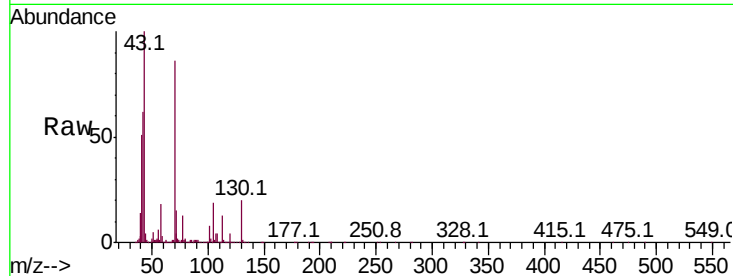
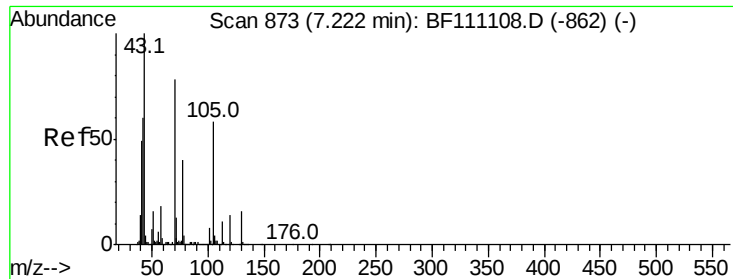
mohammad
12/6/2018 12:11:59 PM



#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	Ratio	Lower	Upper
117	100		
119	96.9	73.8	110.6
201	77.9	61.2	91.8





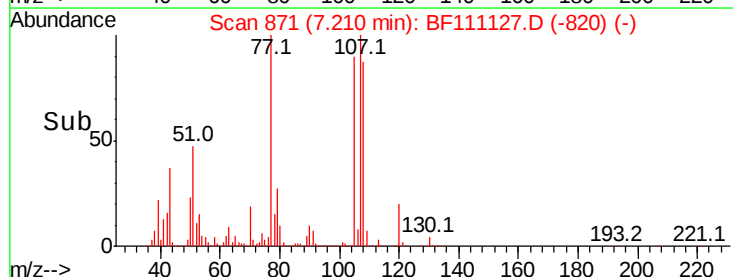
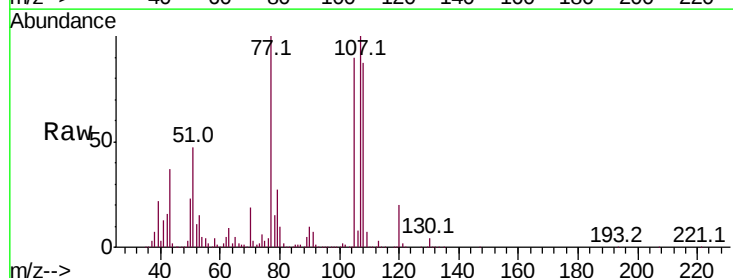
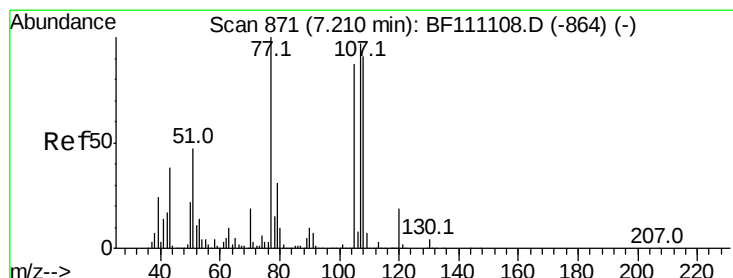
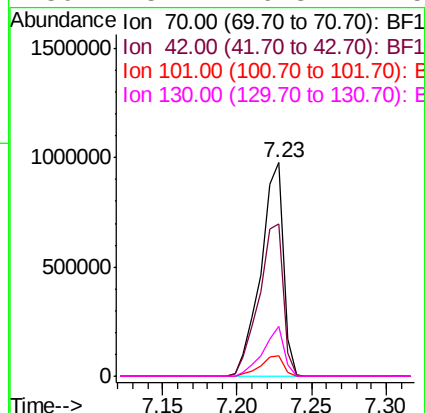
#19
n-Nitroso-di-n-propylamine
Concen: 38.290 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot 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

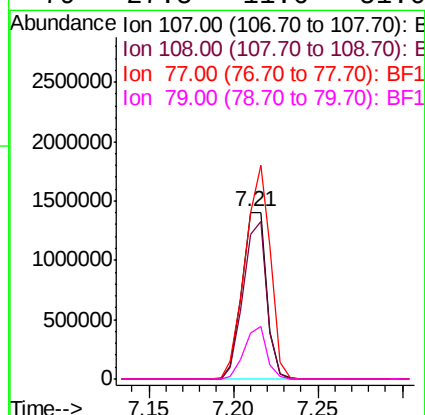
Manual Integrations
APPROVED

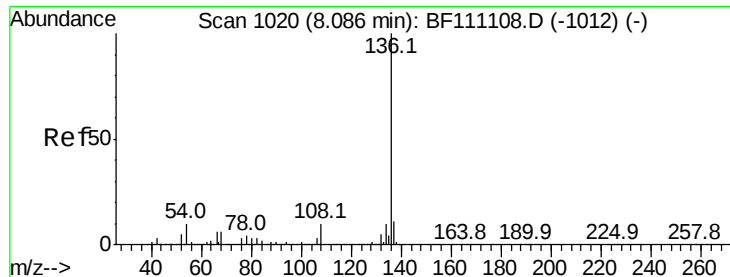
mohammad
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#20
3+4-Methylphenols
Concen: 40.418 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion	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





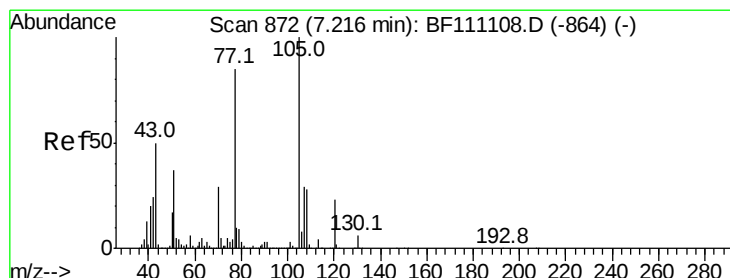
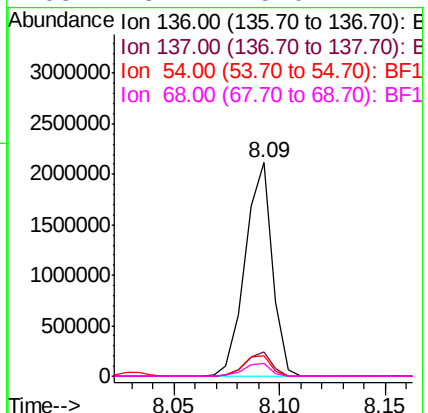
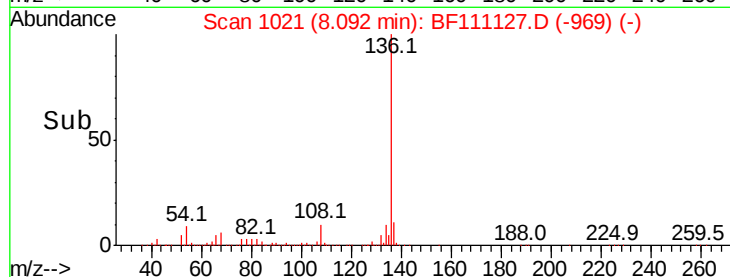
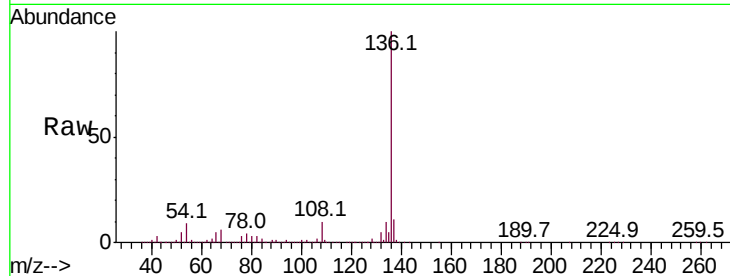
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot 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

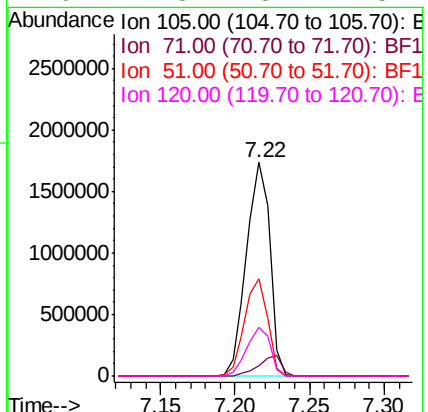
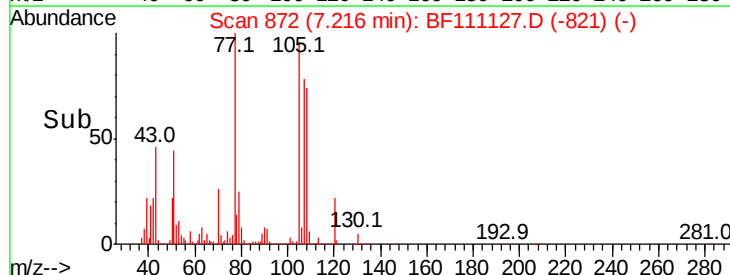
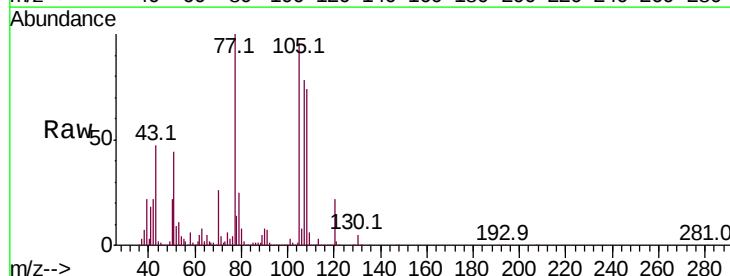
Manual Integrations
APPROVED

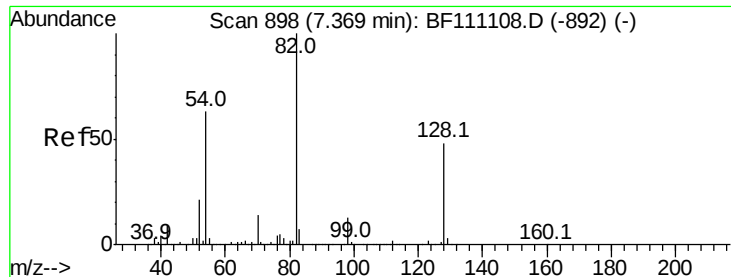
mohammad
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#22
Acetophenone
Concen: 41.551 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion	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





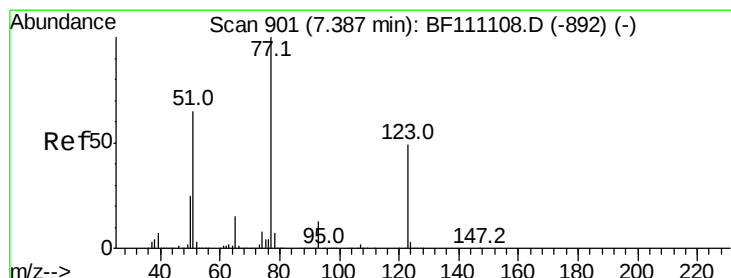
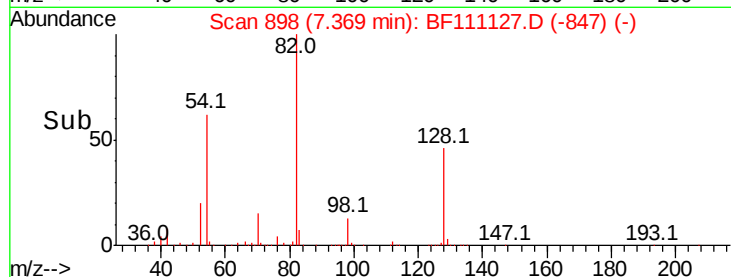
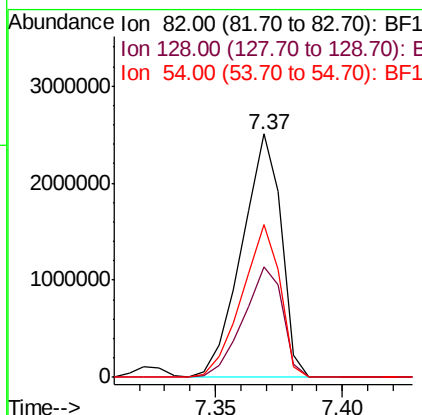
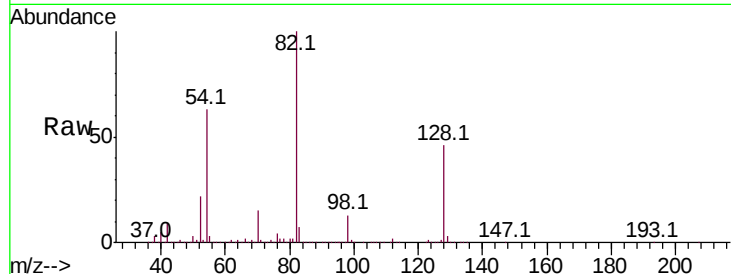
#23
 Nitrobenzene-d5
 Concen: 85.067 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

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

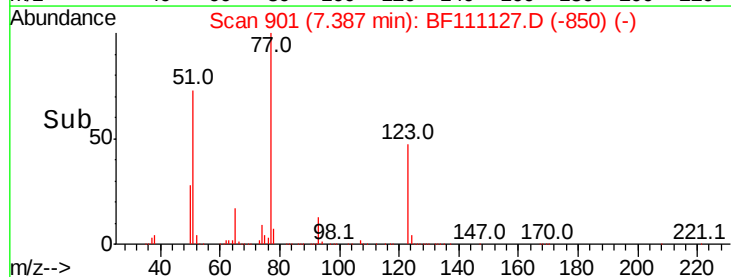
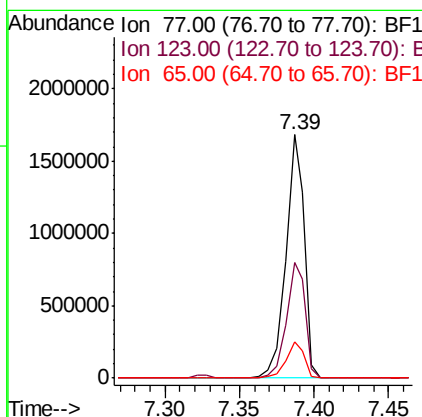
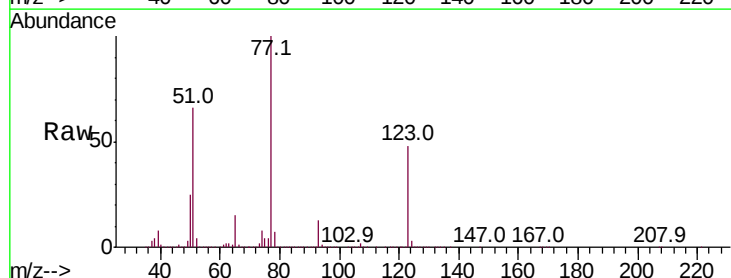
Manual Integrations
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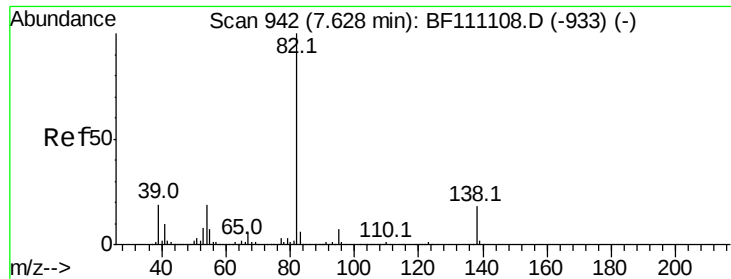
mohammad
 12/6/2018 12:11:59 PM



#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





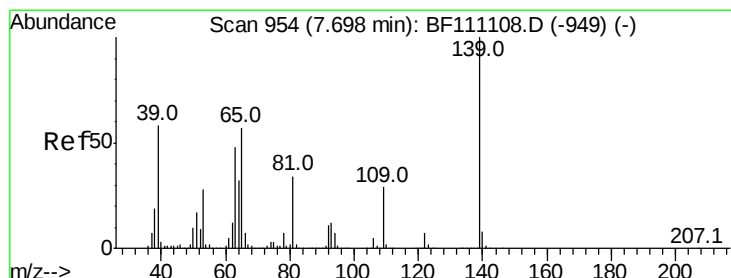
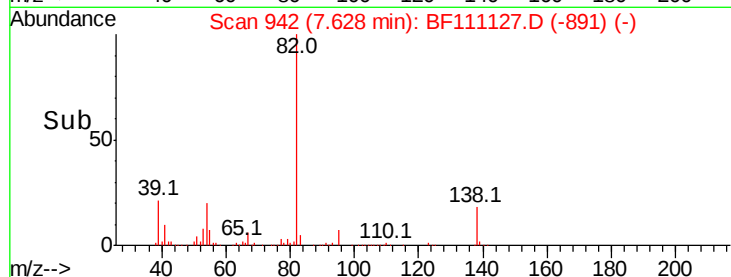
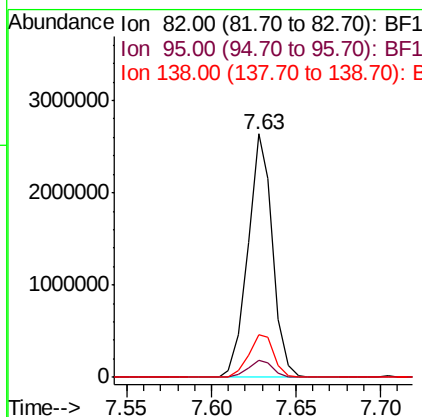
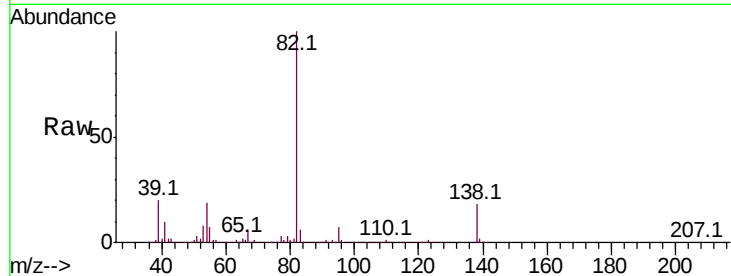
#25
Isophorone
Concen: 45.864 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion: 82 Resp: 2674244
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.7 14.6 22.0

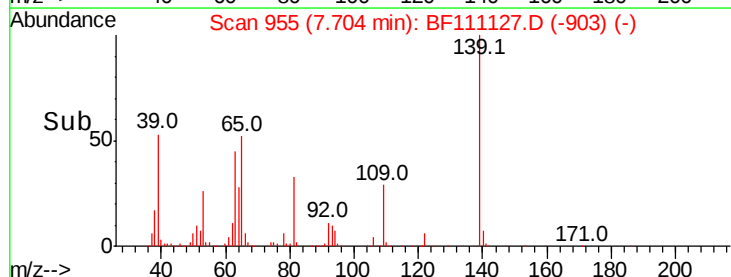
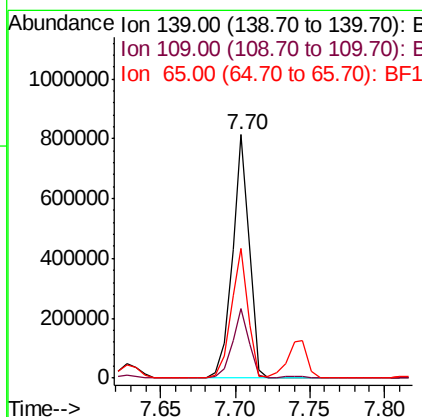
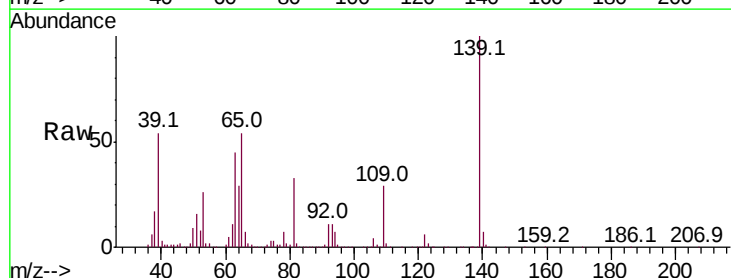
Manual Integrations
APPROVED

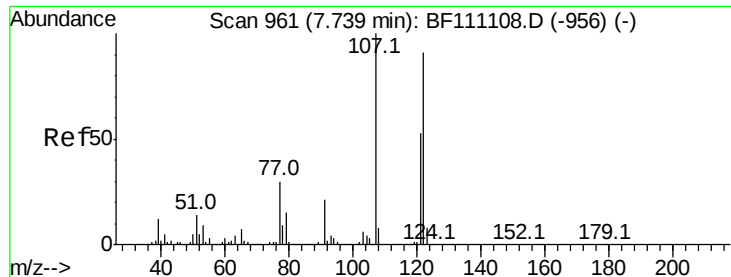
mohammad
12/6/2018 12:11:59 PM



#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





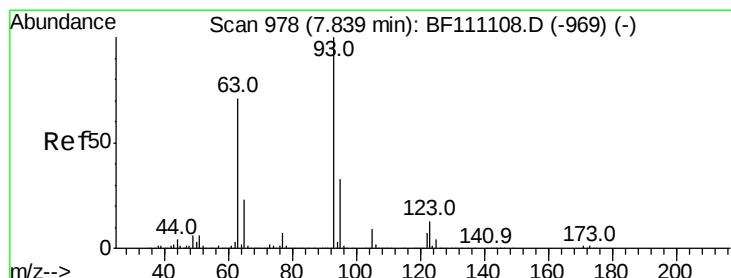
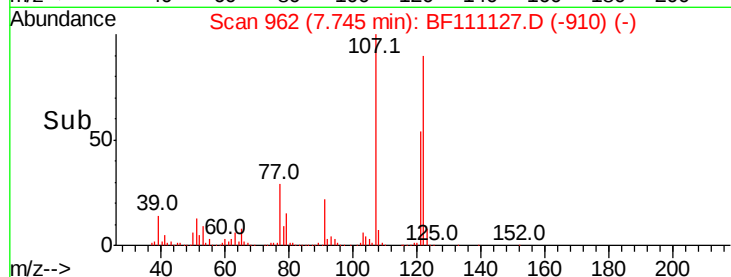
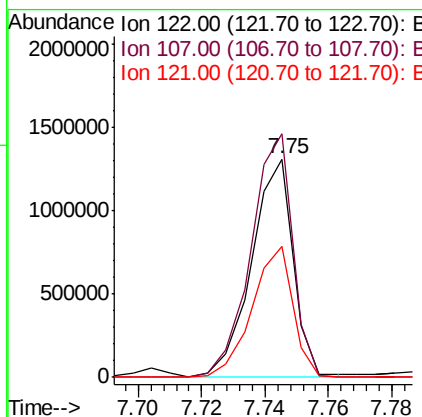
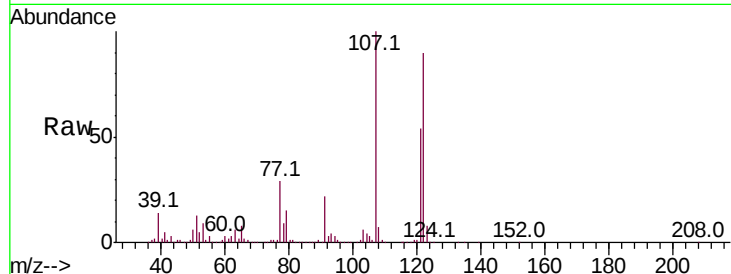
#27
 2,4-Dimethylphenol
 Concen: 43.900 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	87.4	131.0
121	60.1	45.9	68.9

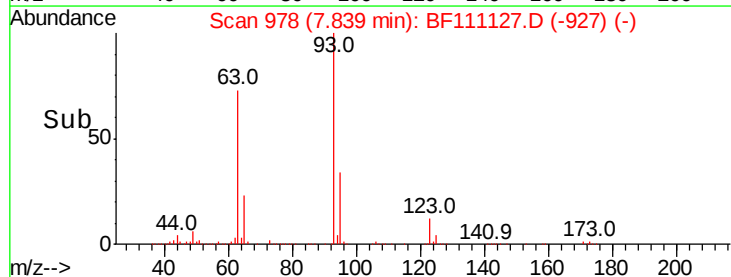
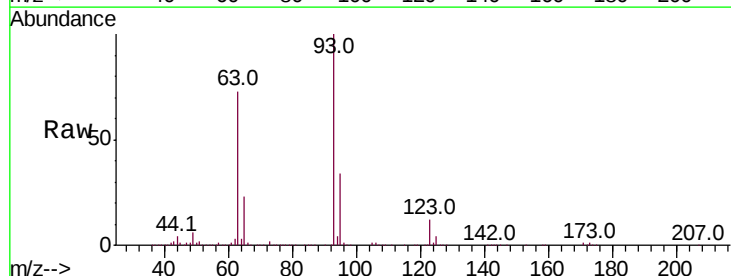
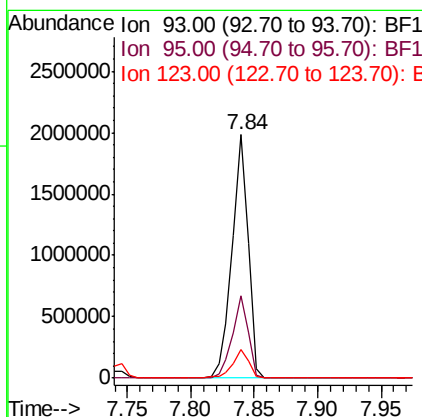
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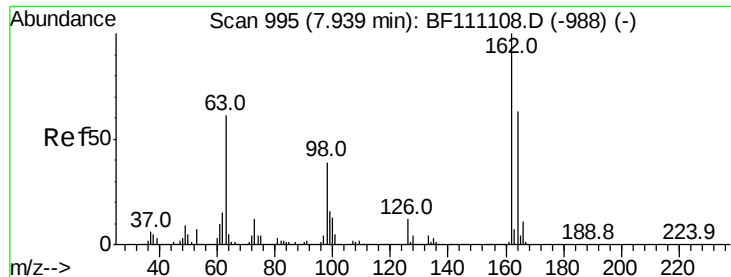
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.809 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	39.8
123	11.5	10.3	15.5





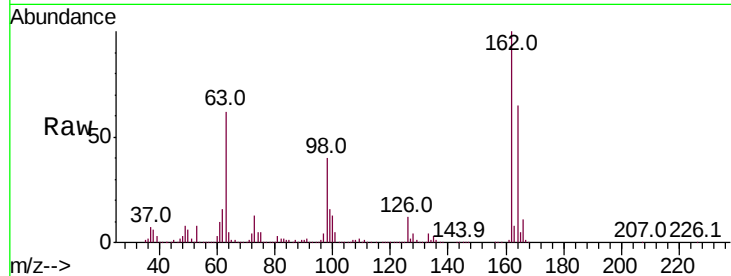
#29
2,4-Dichlorophenol
Concen: 42.365 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

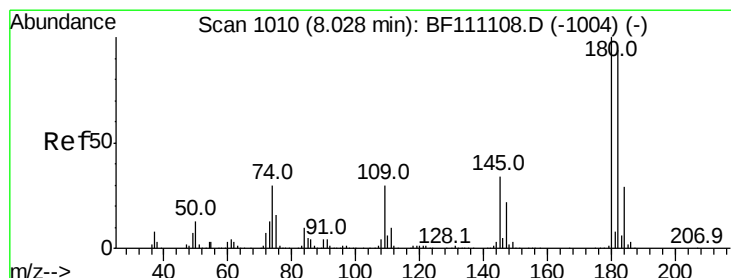
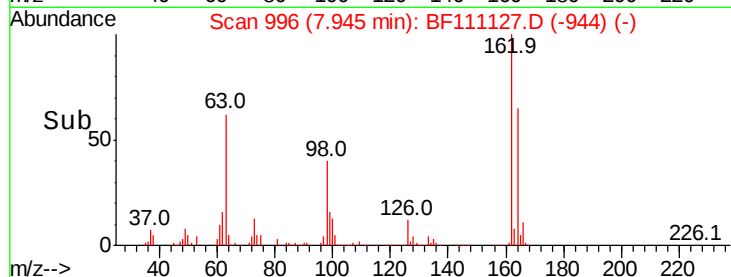
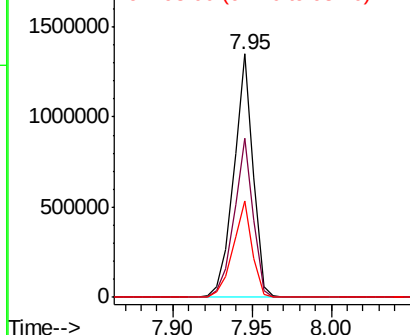
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.3	83.3
98	39.9	18.9	58.9

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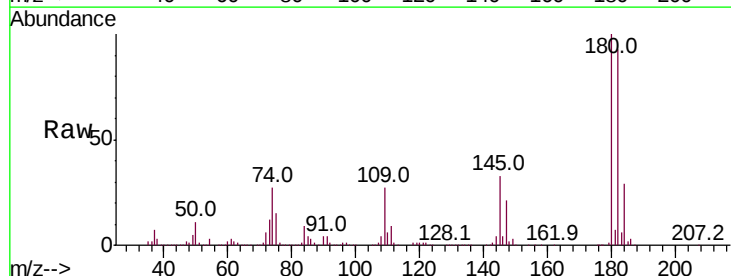


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

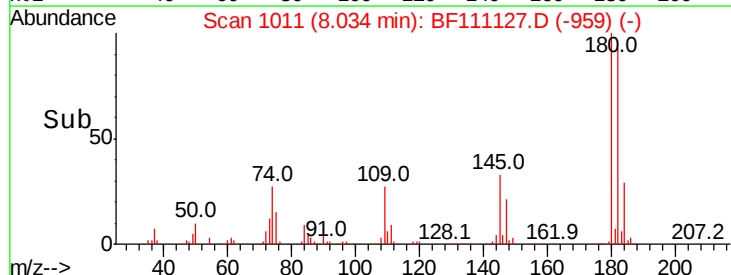
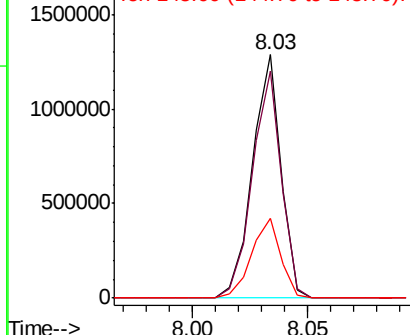


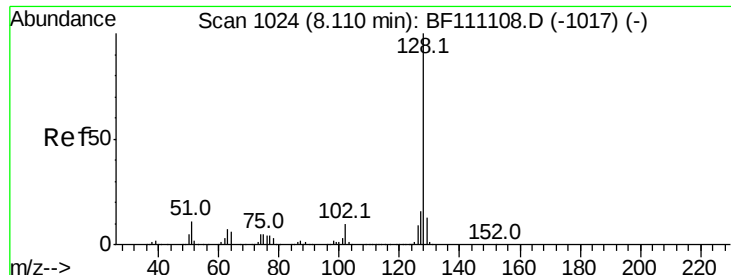
#30
1,2,4-Trichlorobenzene
Concen: 41.128 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion	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





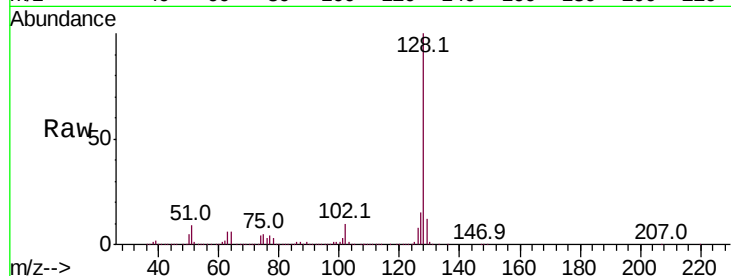
#31
Naphthalene
Concen: 45.323 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

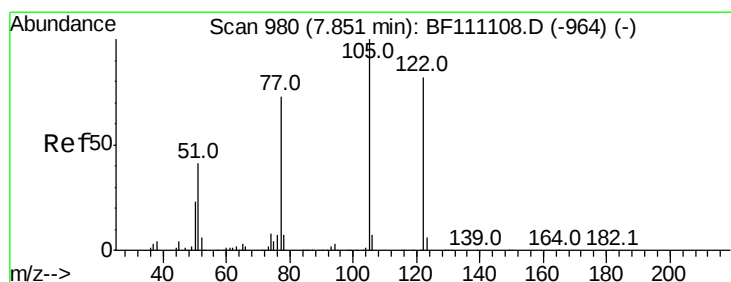
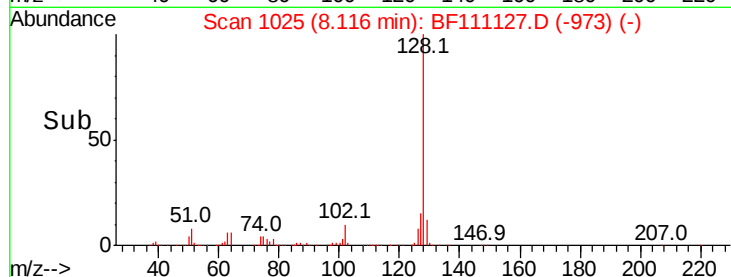
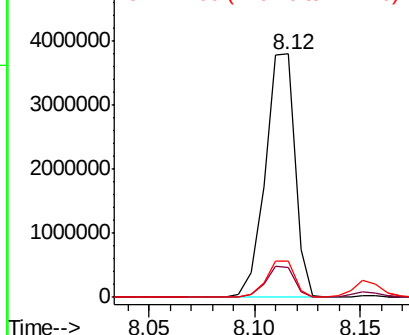
Tot Ion:128 Resp: 3711820
Ion Ratio Lower Upper
128 100
129 12.1 10.5 15.7
127 14.8 12.5 18.7

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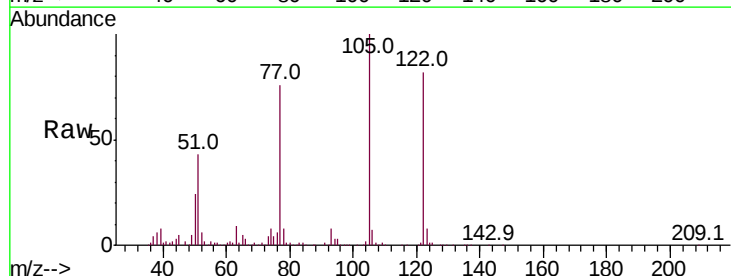


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

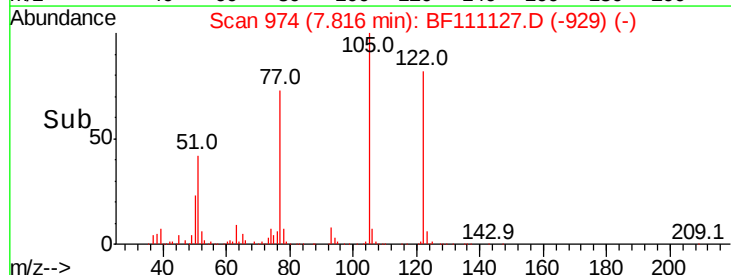
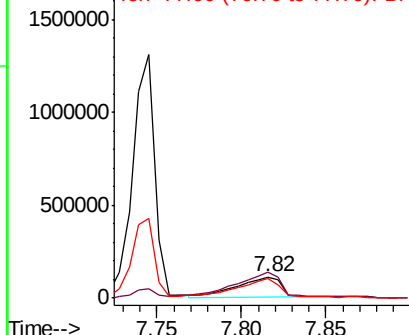


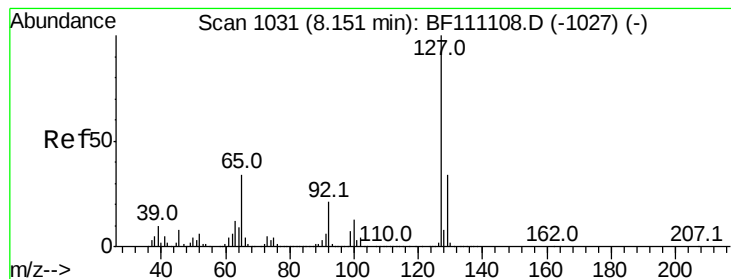
#32
Benzoic acid
Concen: 11.201 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.04 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

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





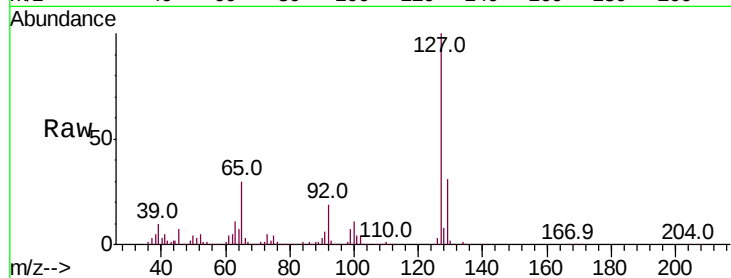
#33
4-Chloroaniline
Concen: 6.876 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	272185		
129	30.5	27.0	40.6	
65	30.5	27.2	40.8	
92	19.3	16.6	24.8	

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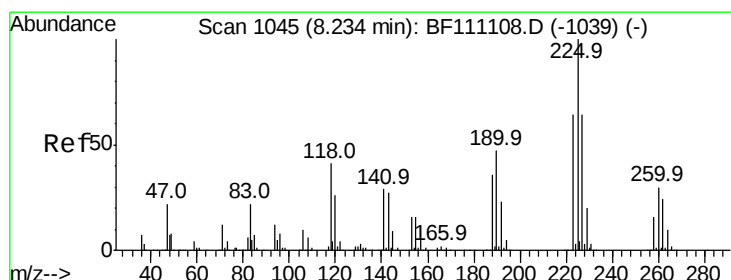
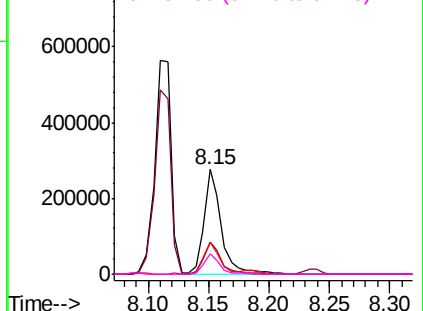
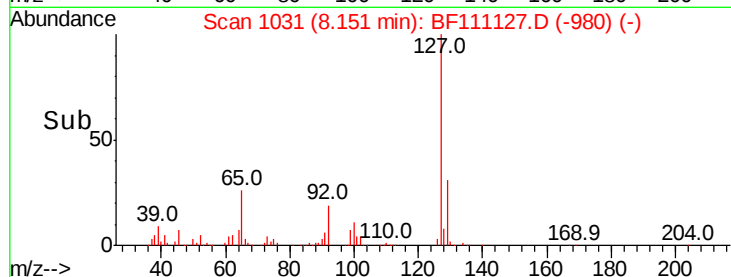
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

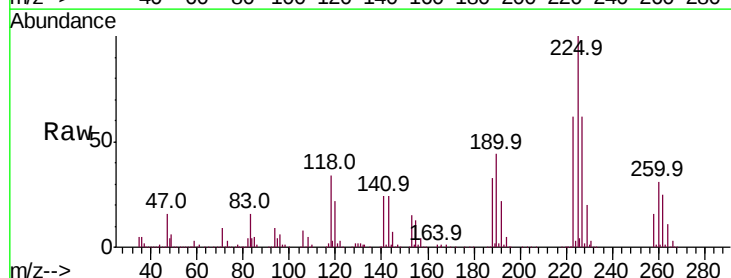
Ion 65.00 (64.70 to 65.70): BF1

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	Ratio	Resp	Lower	Upper
225	100	582427		
223	61.5	51.4	77.2	
227	61.7	51.0	76.4	

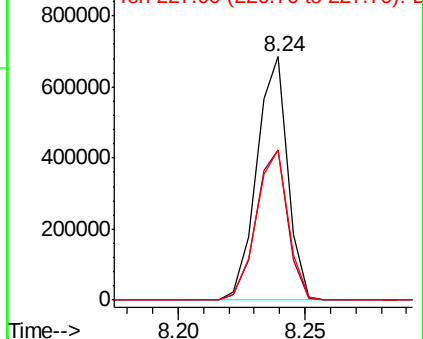
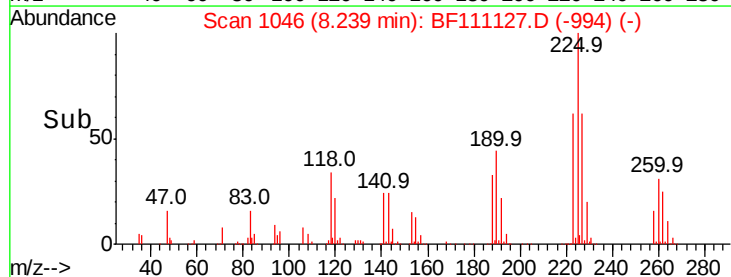


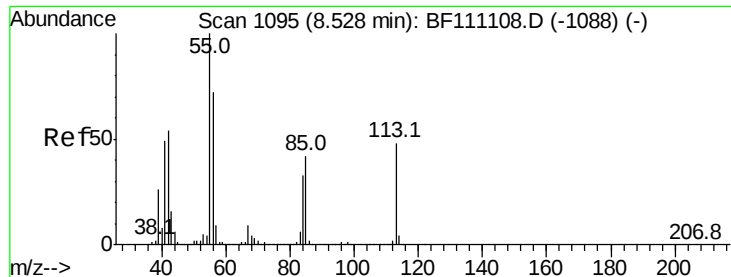
Abundance

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: 39.500 ng m

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

Tot Ion:113 Resp: 388355

Ion Ratio Lower Upper

113 100

55 217.7 190.6 230.6

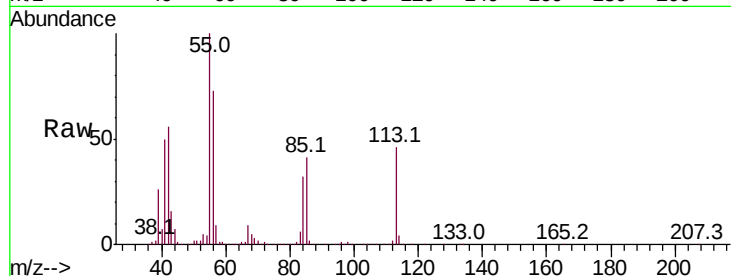
56 158.7 130.9 170.9

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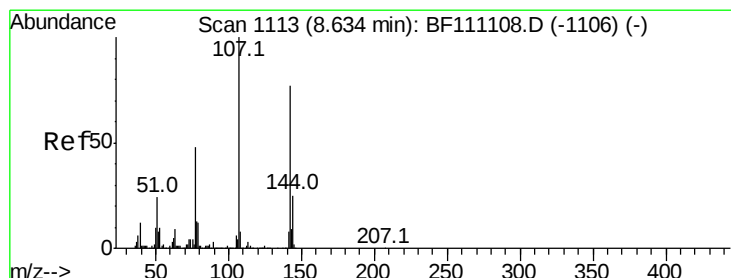
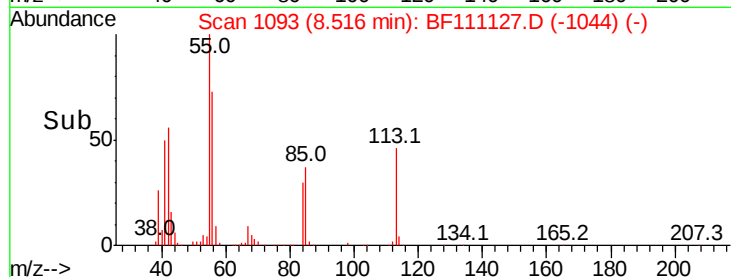
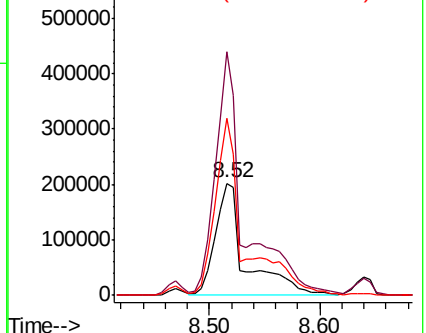
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Abundance Ion 113.00 (112.70 to 113.70): E

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

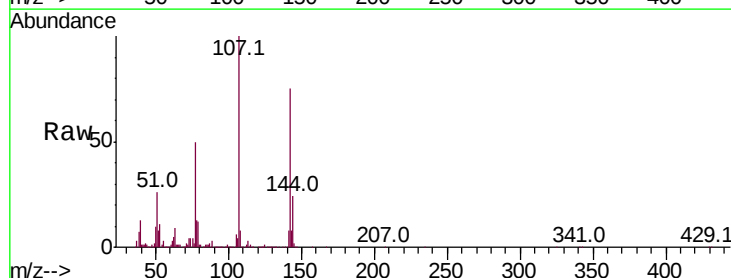
Tgt Ion:107 Resp: 1265055

Ion Ratio Lower Upper

107 100

144 24.4 19.9 29.9

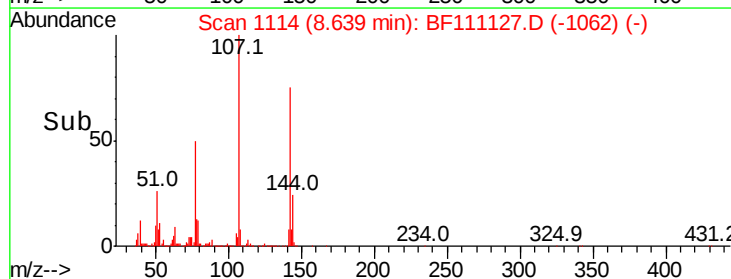
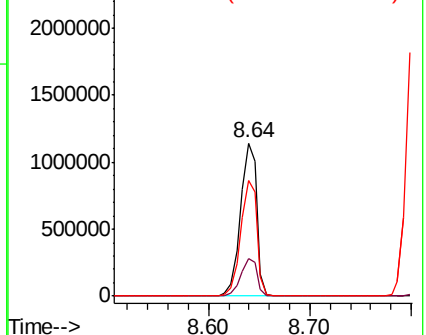
142 75.3 61.4 92.0

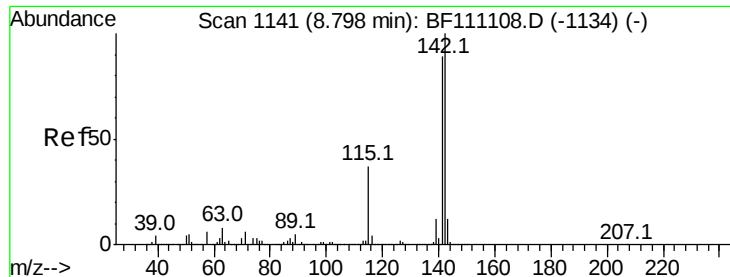


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





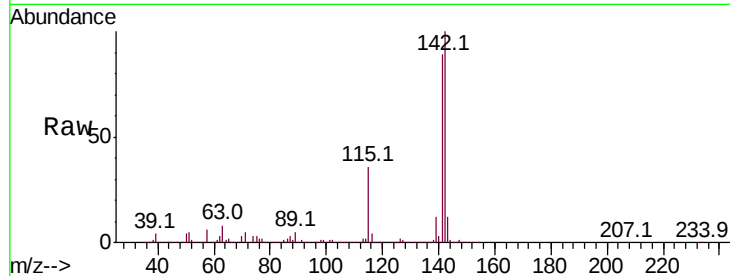
#37
2-Methylnaphthalene
Concen: 44.843 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.0
115	36.4	29.2	43.8

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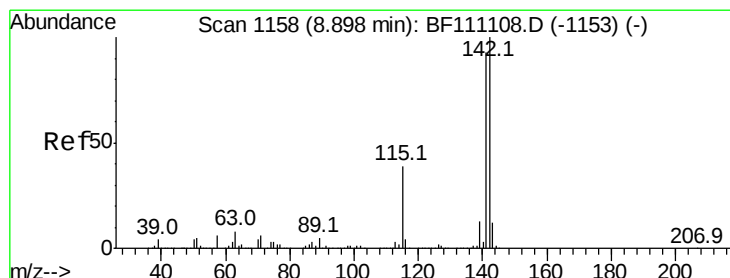
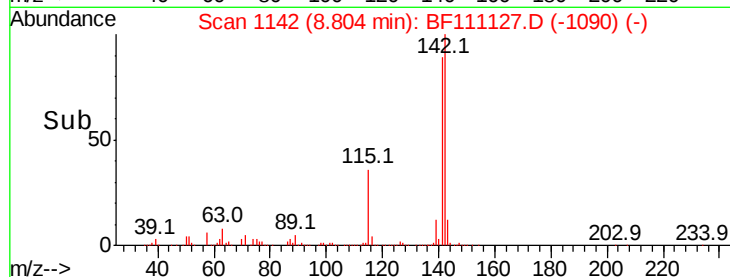
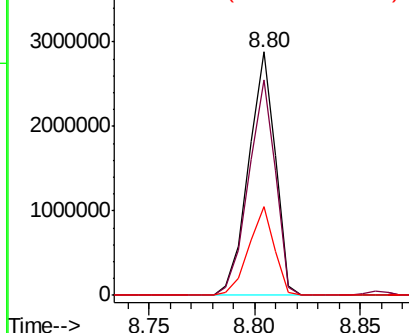


Abundance

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

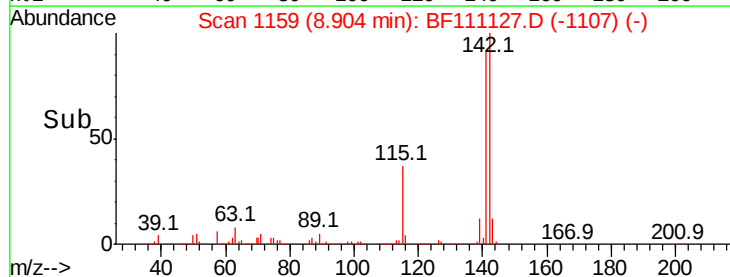
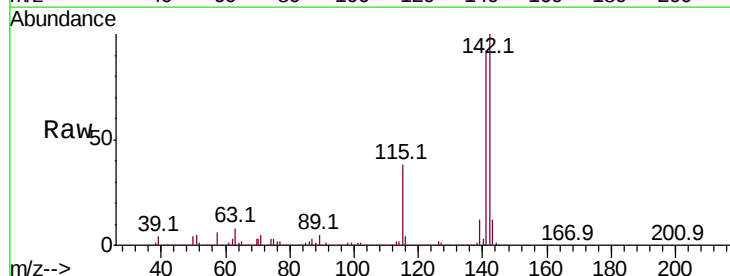
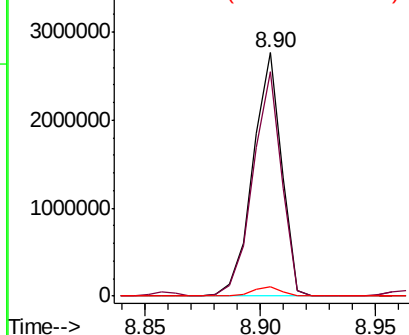
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.5	111.7
116	3.9	3.2	4.8

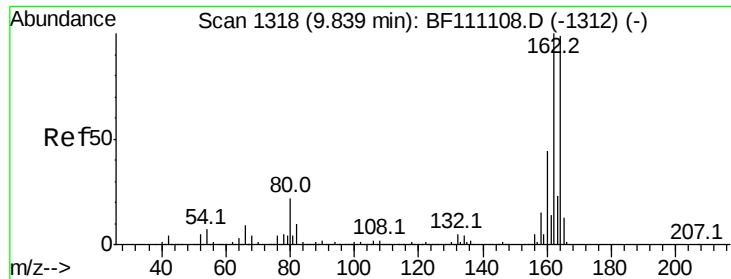
Abundance

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





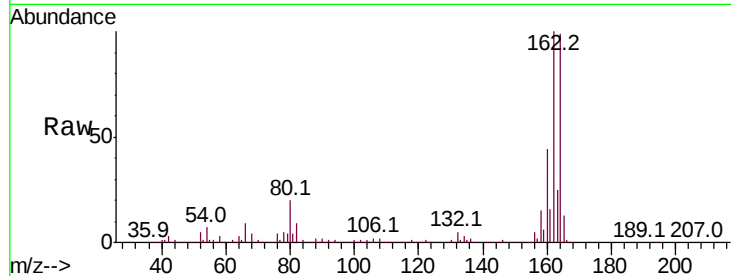
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampled :
TEST-PITMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	829935		
162	100.9		80.6	120.8
160	44.0		35.5	53.3

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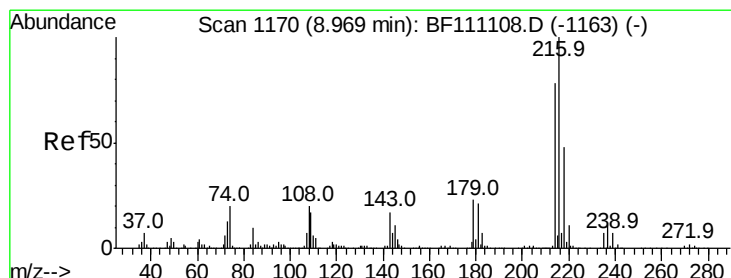
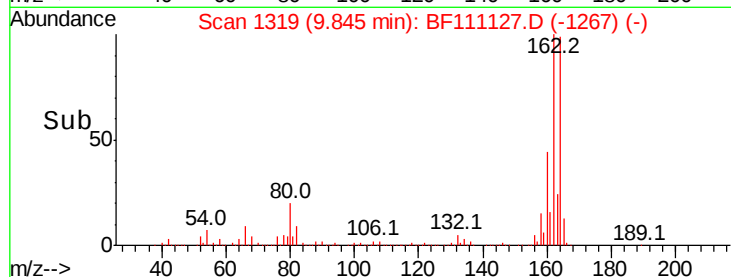
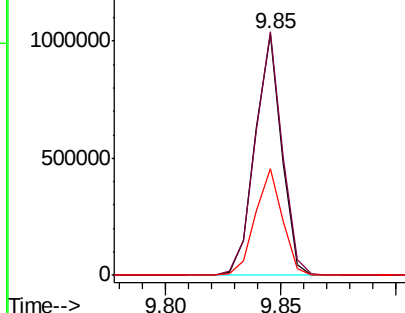


Abundance

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	Resp	Lower	Upper
216	100	932372		
214	79.4		63.4	95.0
179	23.8		18.5	27.7
108	22.8		19.1	28.7

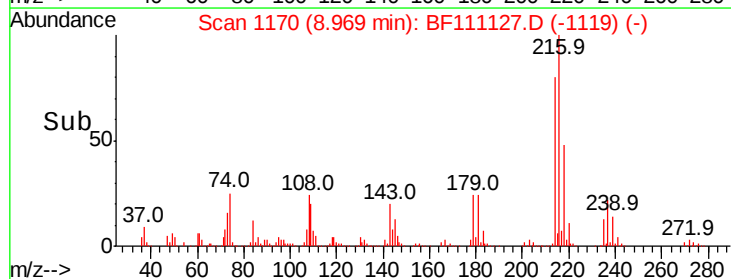
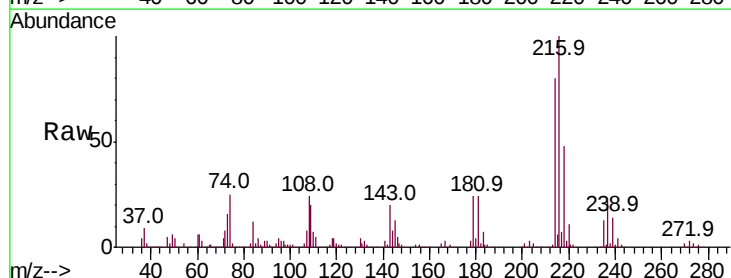
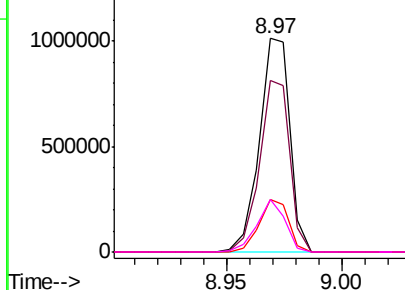
Abundance

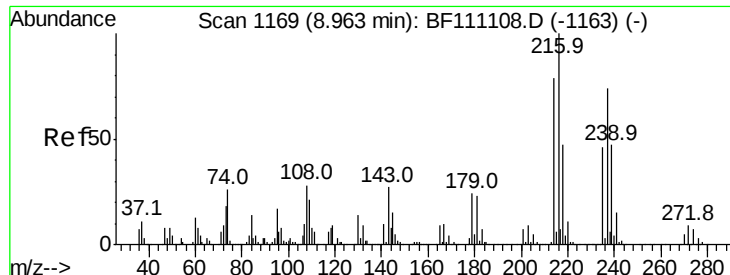
Ion 216.00 (215.70 to 216.70): E

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

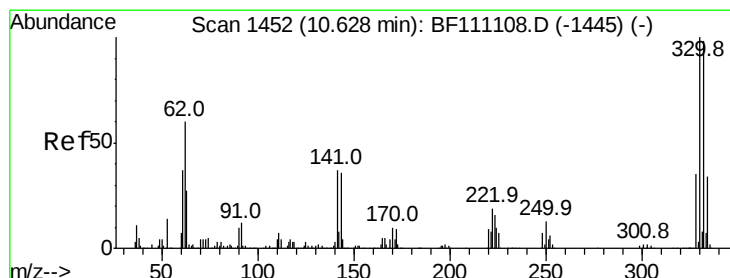
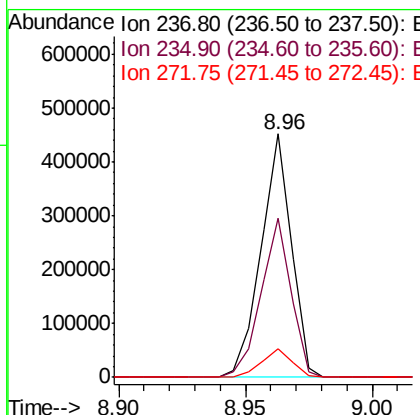
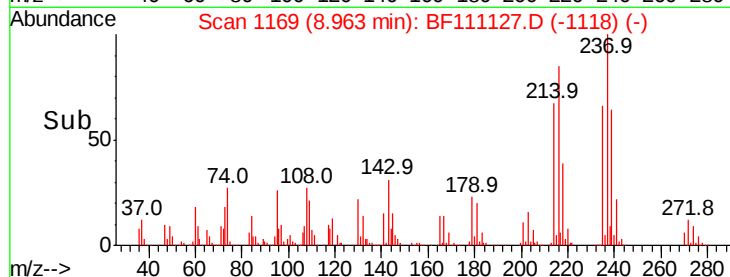
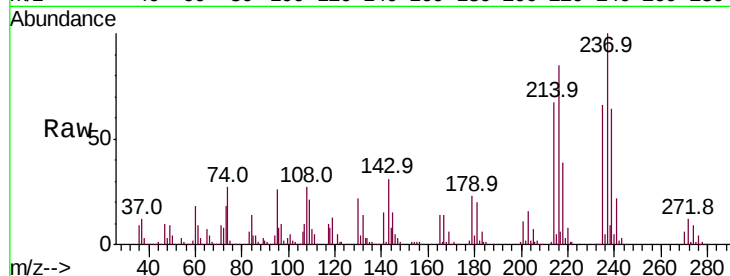
ClientSampleId :

TEST-PITMS

Tot Ion:	237	Resp:	377394
Ion Ratio		Lower	Upper
237	100		
235	65.6	41.9	81.9
272	11.9	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 113.984 ng

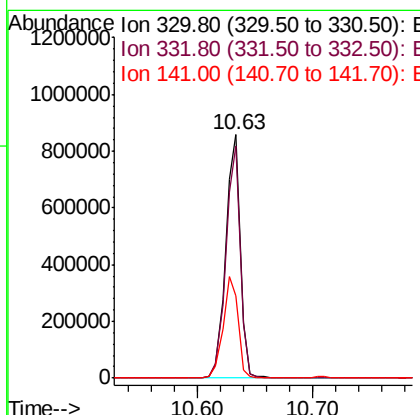
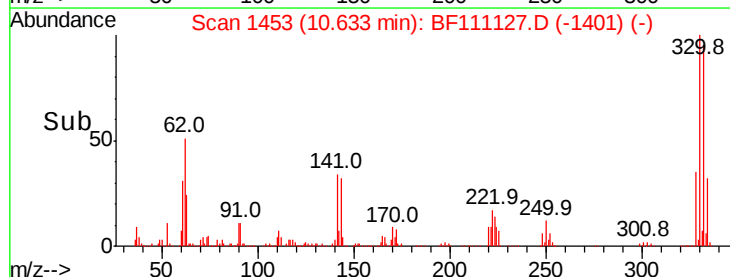
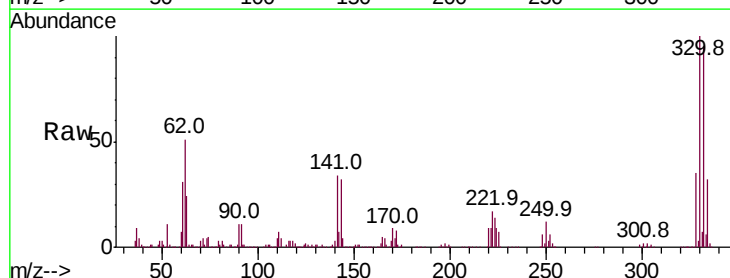
RT: 10.63 min Scan# 1453

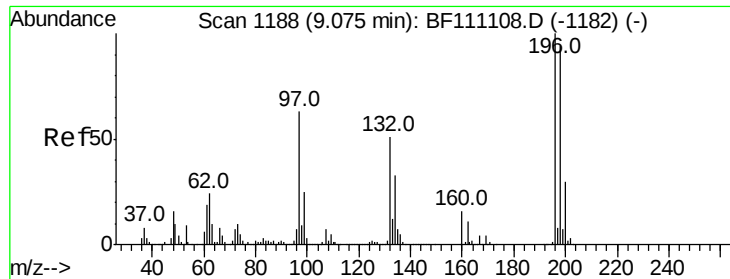
Delta R.T. 0.01 min

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





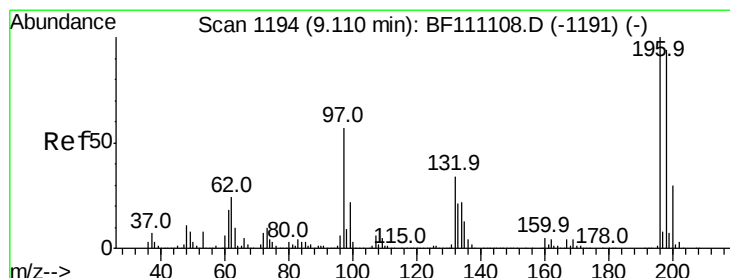
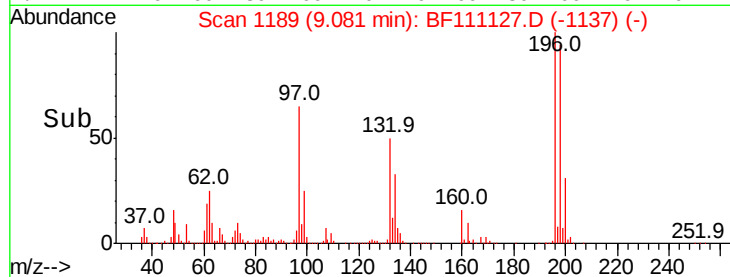
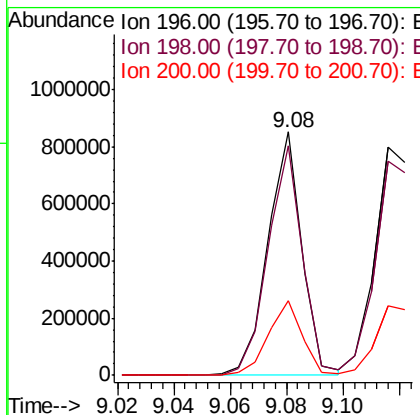
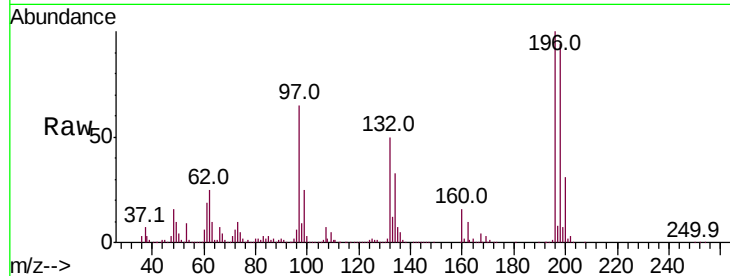
#43
2,4,6-Trichlorophenol
Concen: 43.907 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampled :
TEST-PITMS

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

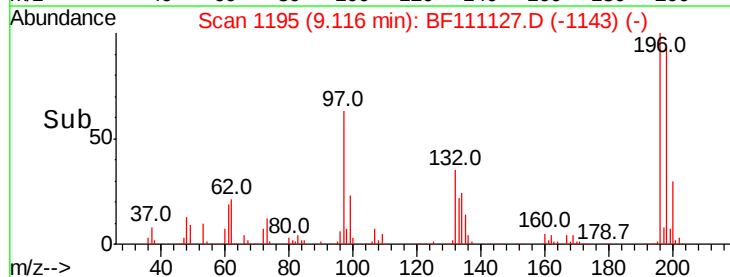
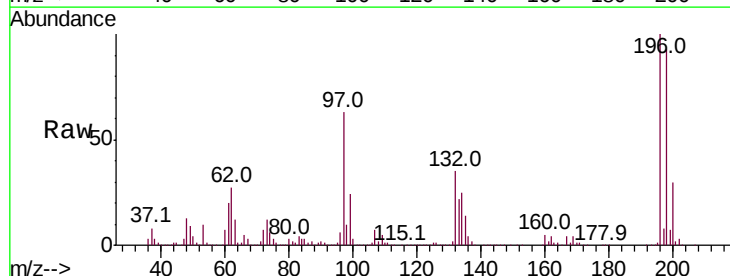
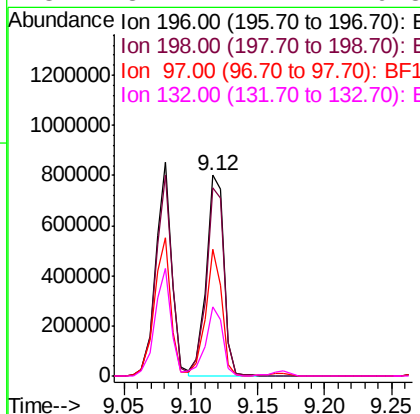
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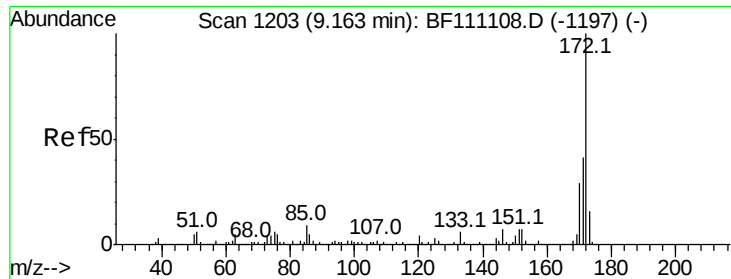
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 45.256 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

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





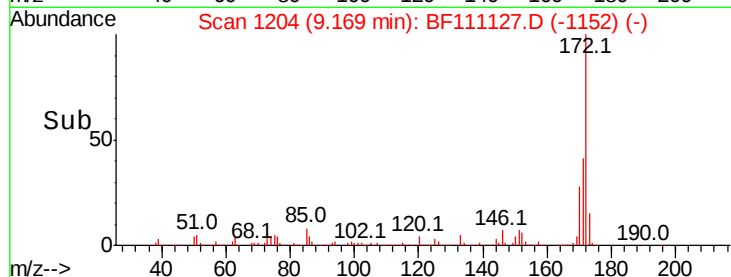
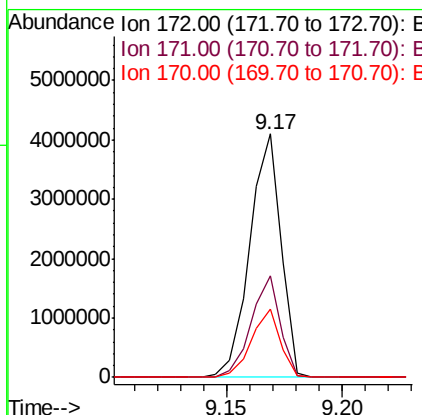
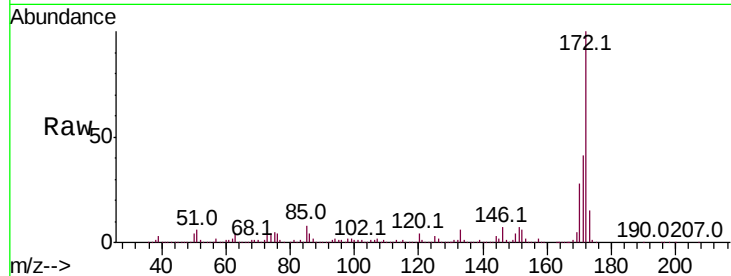
#45
2-Fluorobiphenyl
Concen: 86.737 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampled :
TEST-PITMS

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

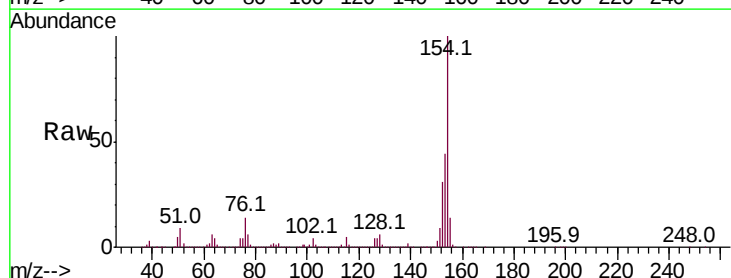
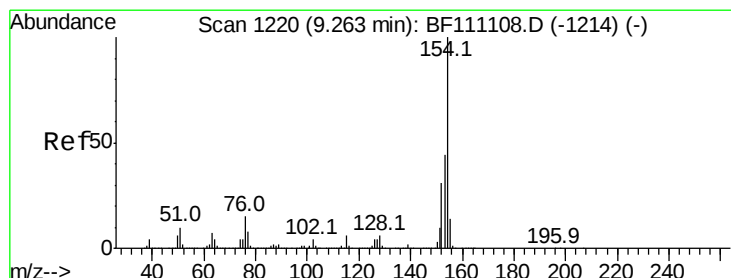
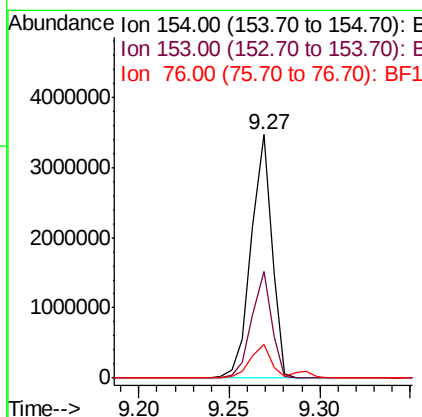
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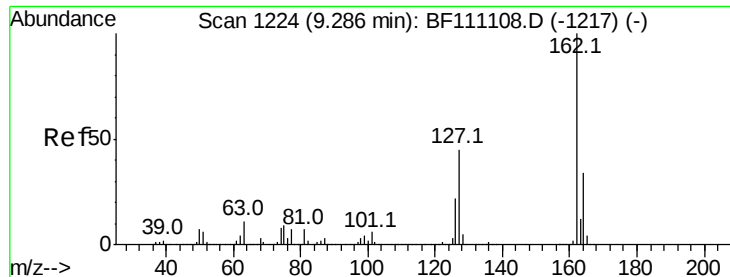
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#46
1,1'-Biphenyl
Concen: 40.731 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

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





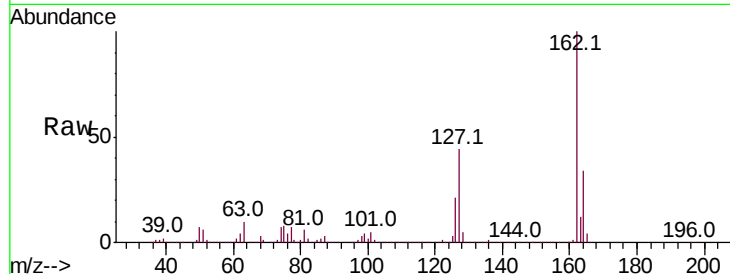
#47
2-Chloronaphthalene
Concen: 42.101 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

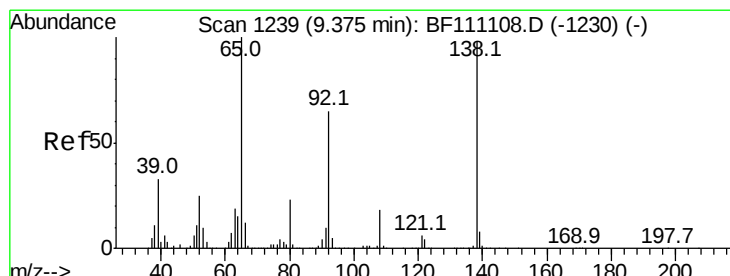
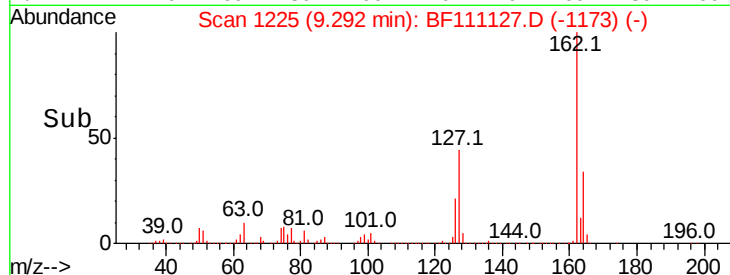
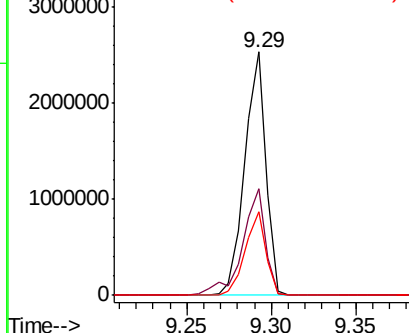
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.9	36.4	54.6
164	34.3	27.3	40.9

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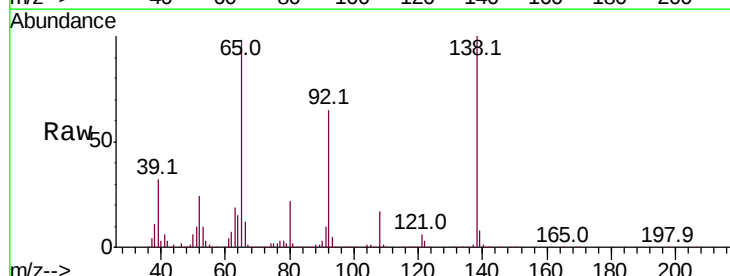


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

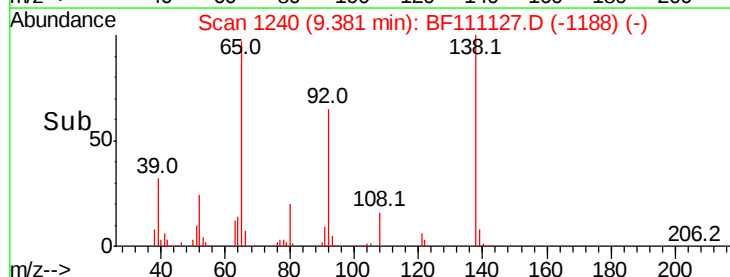
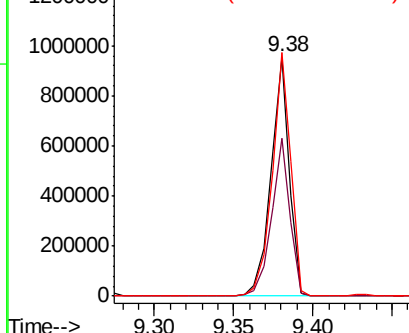


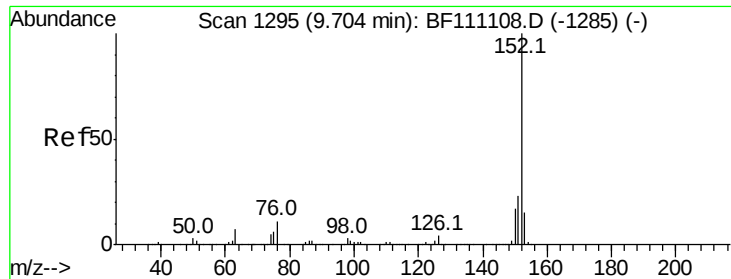
#48
2-Nitroaniline
Concen: 45.304 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion	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





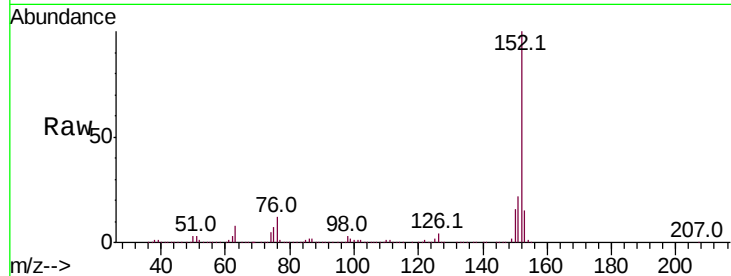
#49
Acenaphthylene
Concen: 45.512 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.3	18.3	27.5
153	15.0	11.8	17.8

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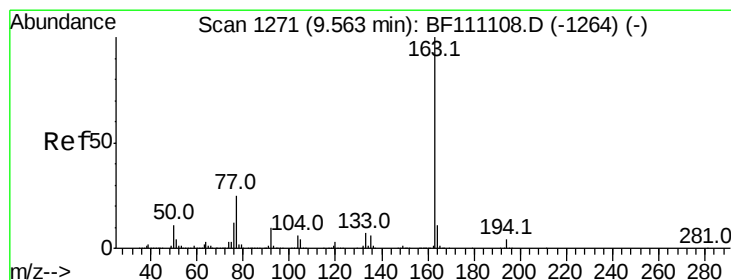
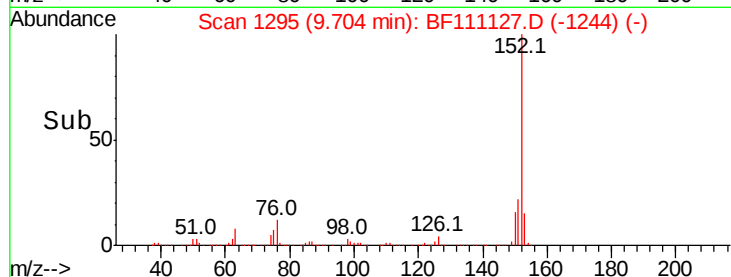
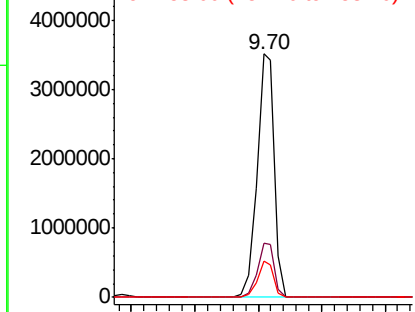


Abundance

Ion 152.00 (151.70 to 152.70): E

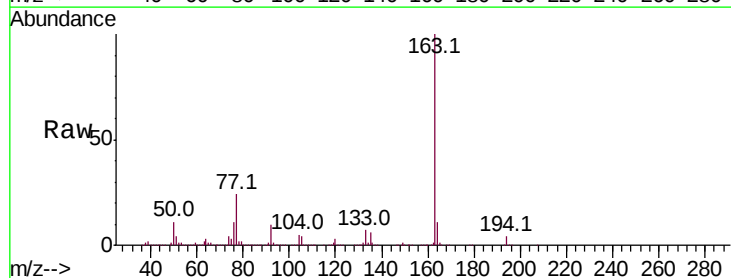
Ion 151.00 (150.70 to 151.70): E

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	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	11.3	8.9	13.3

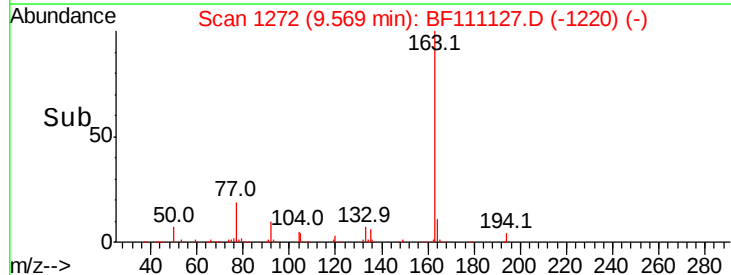
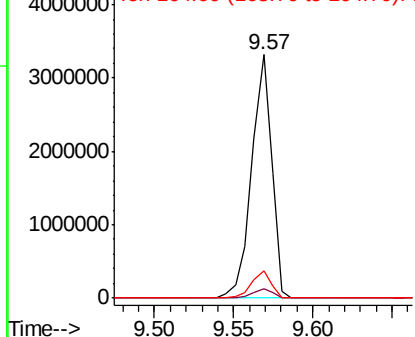


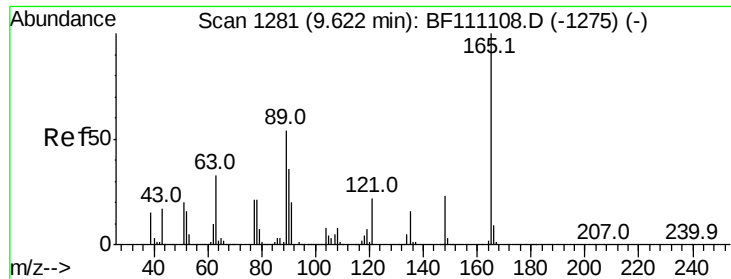
Abundance

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





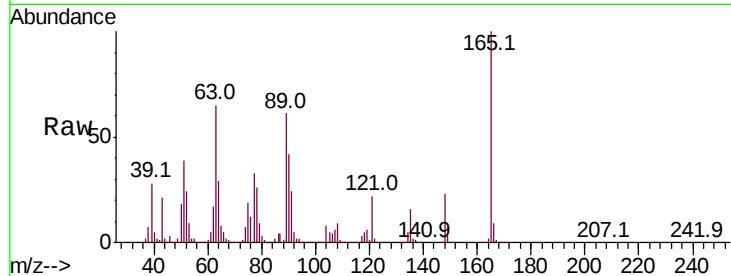
#51
2,6-Dinitrotoluene
Concen: 46.259 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

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

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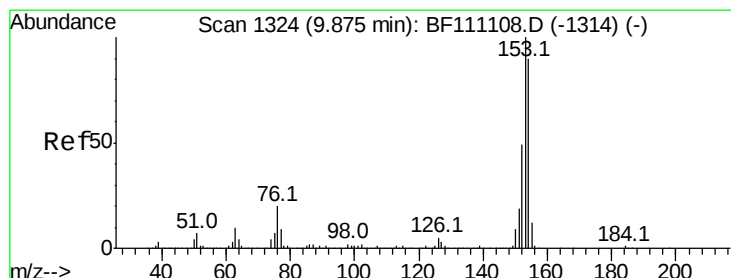
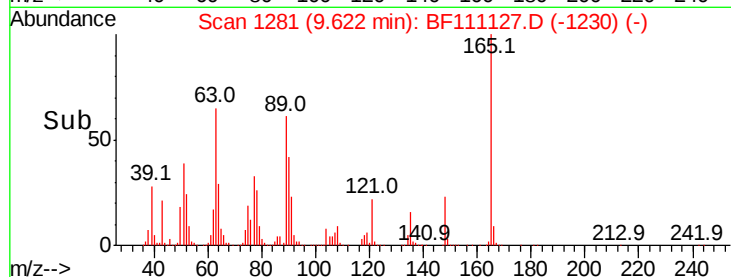
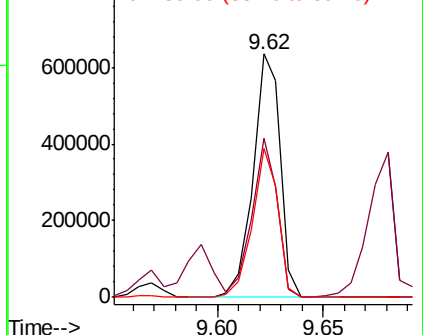


Abundance

Ion 165.00 (164.70 to 165.70): E

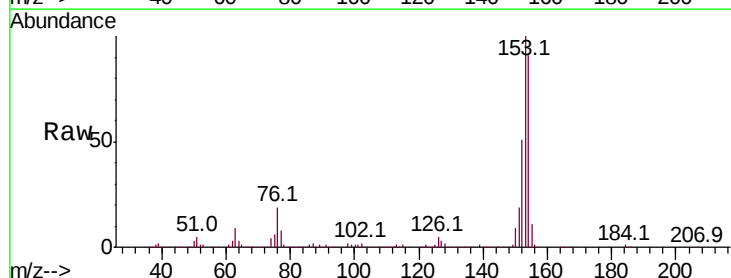
Ion 63.00 (62.70 to 63.70): BF1

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

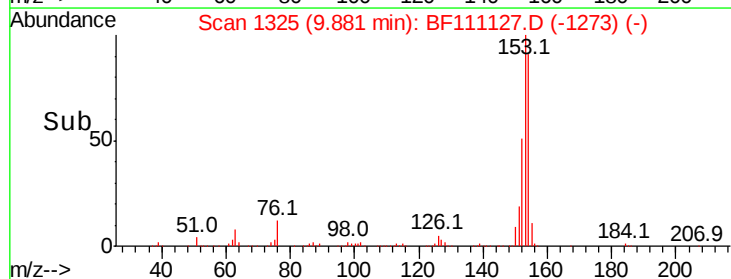
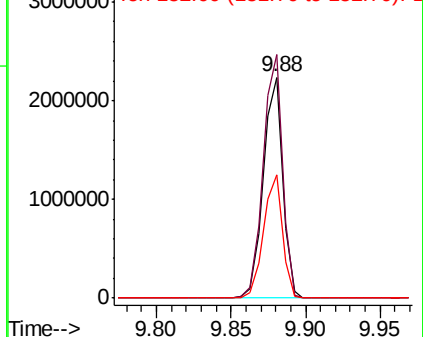


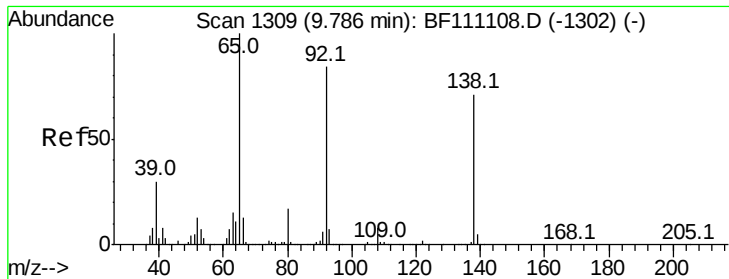
Abundance

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





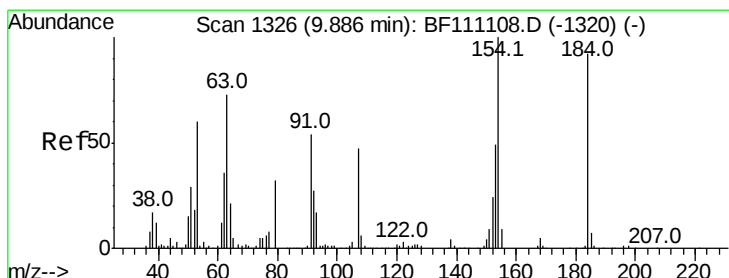
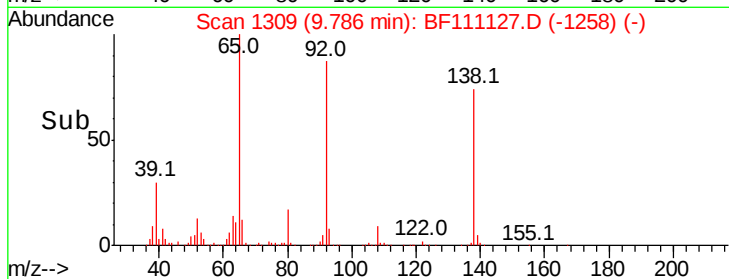
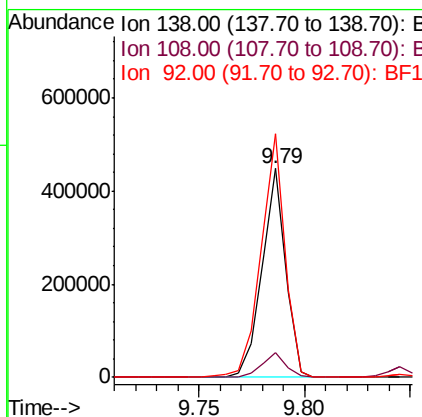
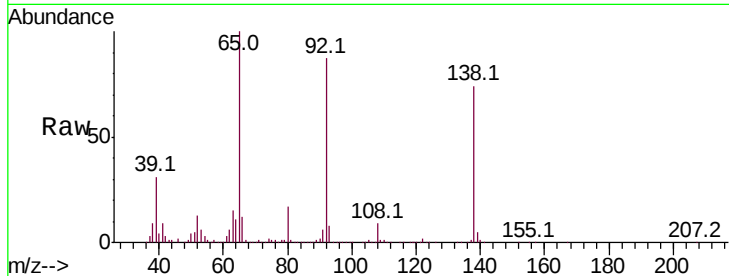
#53
3-Nitroaniline
Concen: 22.787 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.4	14.0
92	116.6	94.1	141.1

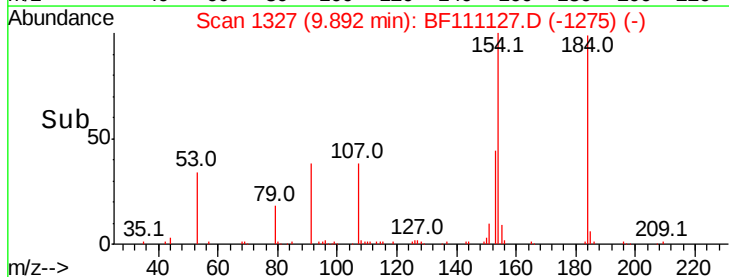
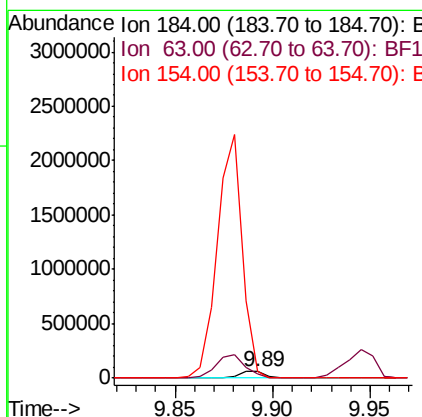
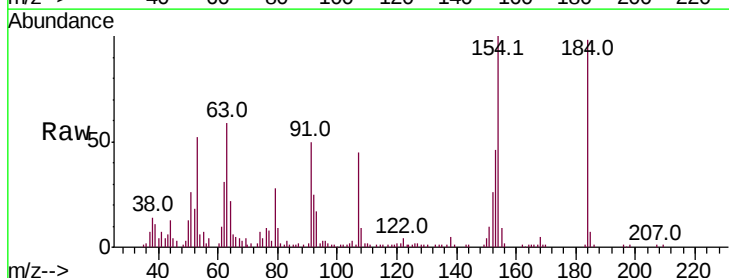
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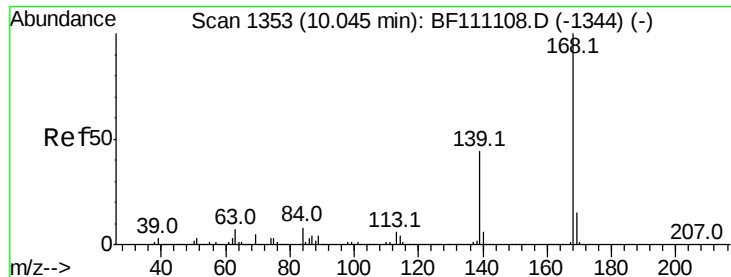
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#54
2,4-Dinitrophenol
Concen: 18.996 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

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





#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

Tot Ion:168 Resp: 2911168

Ion Ratio Lower Upper

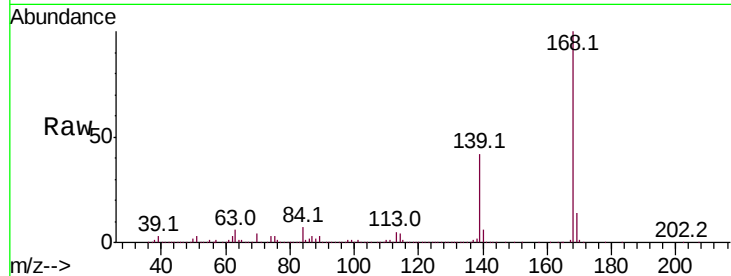
168 100

139 41.9 35.1 52.7

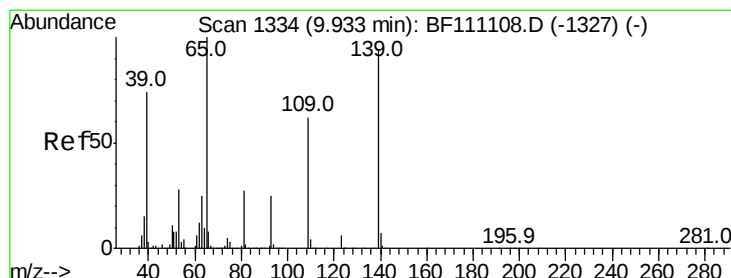
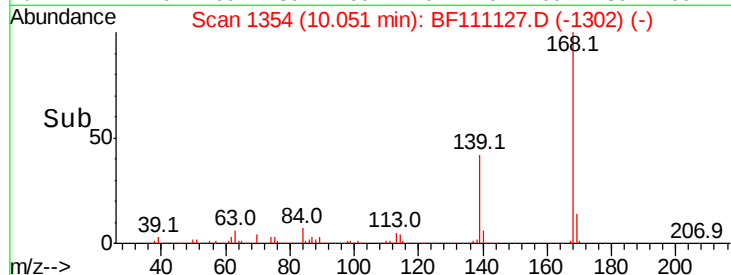
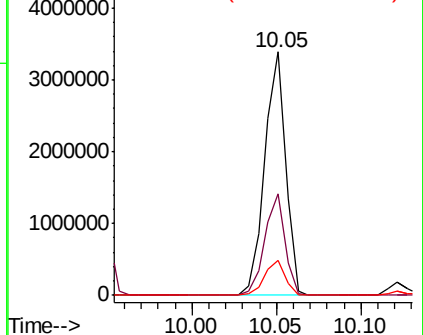
169 14.3 12.2 18.4

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#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

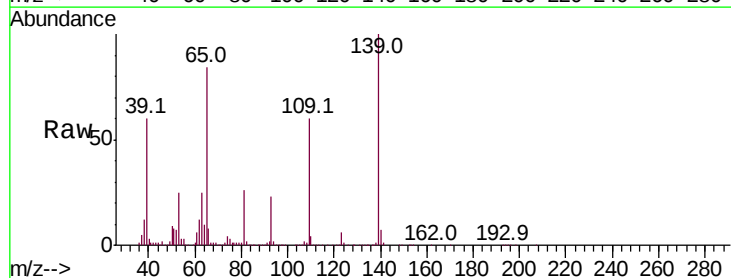
Tgt Ion:139 Resp: 954525

Ion Ratio Lower Upper

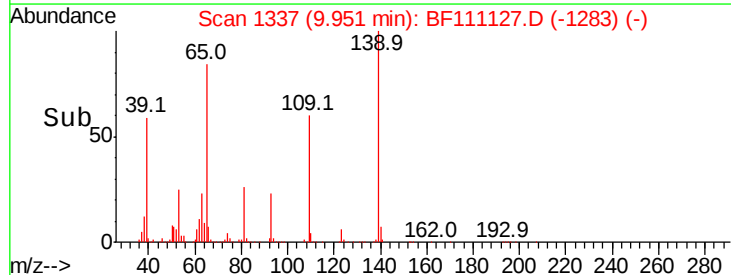
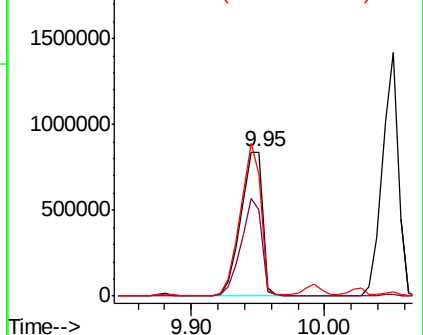
139 100

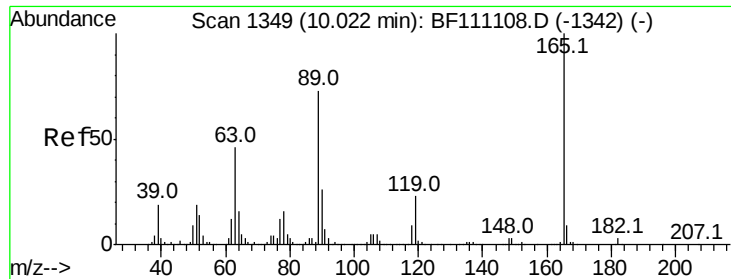
109 59.7 46.1 86.1

65 84.3 87.0 127.0#



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





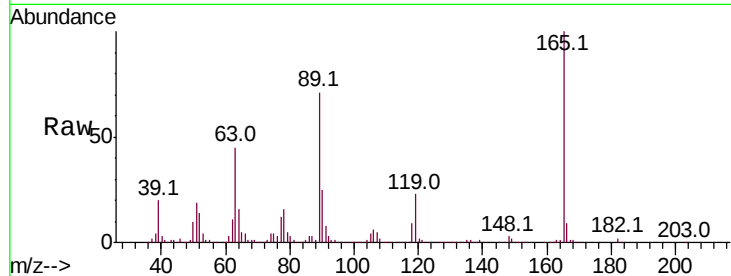
#57
2,4-Dinitrotoluene
Concen: 44.601 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

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

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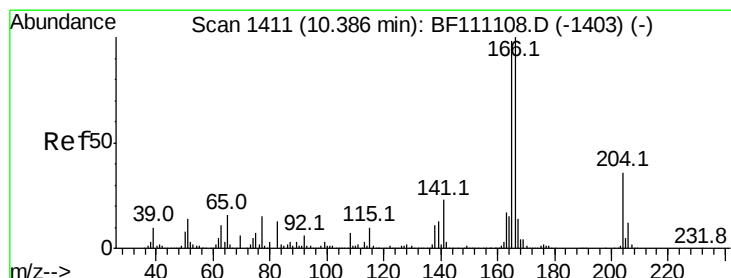
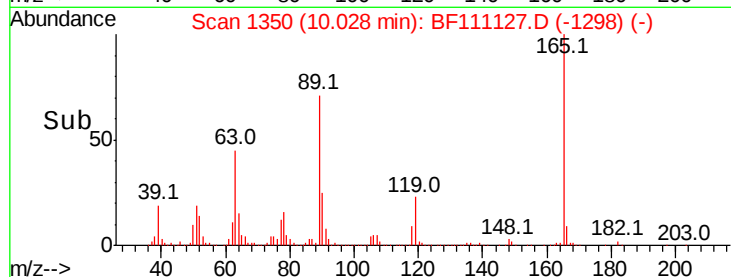
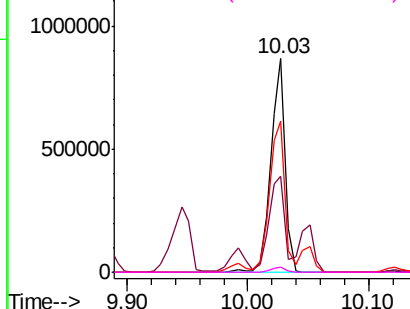


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

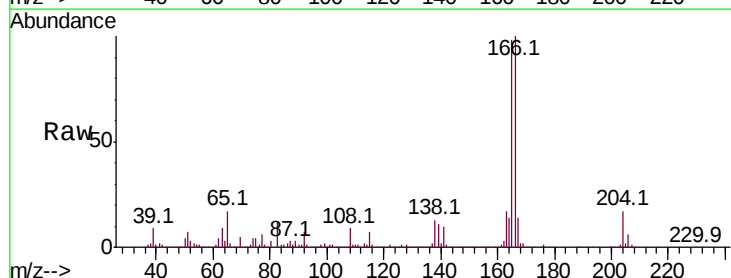
Ion 89.00 (88.70 to 89.70): BF1

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

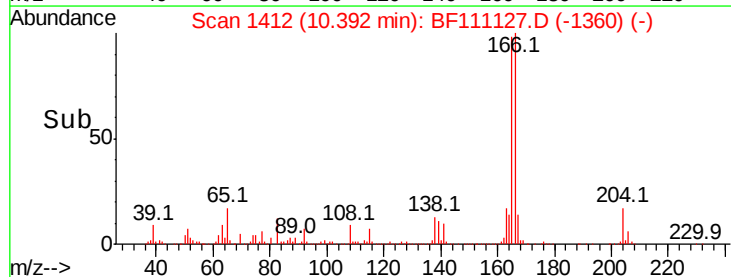
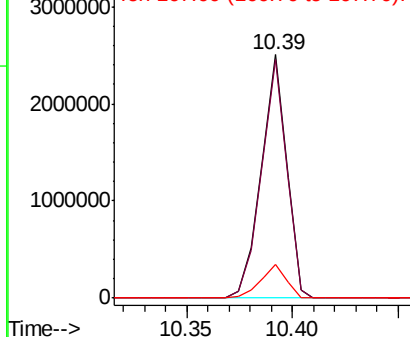
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2114588		
165	97.8	78.4	117.6	
167	13.6	11.4	17.2	

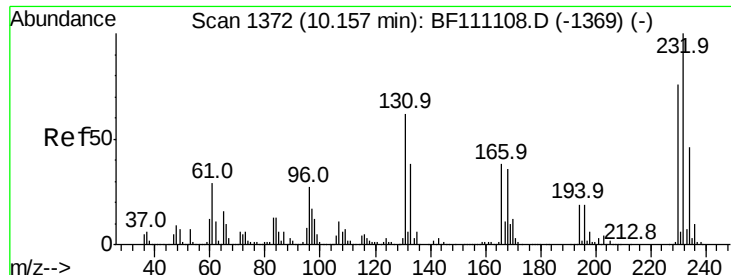


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





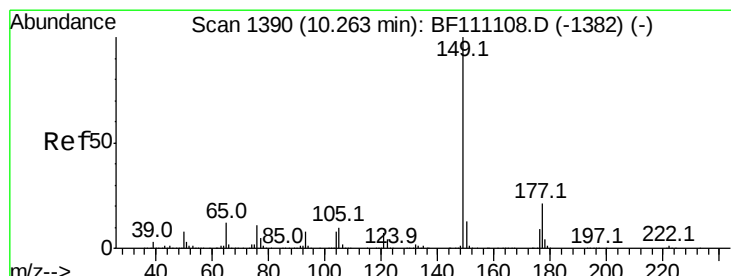
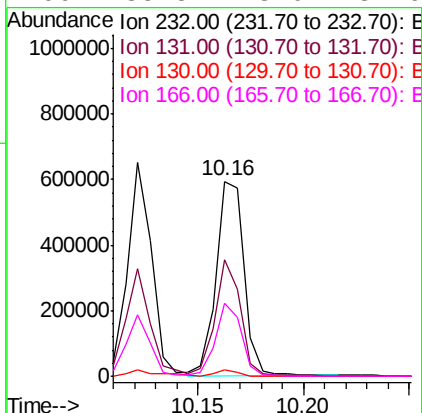
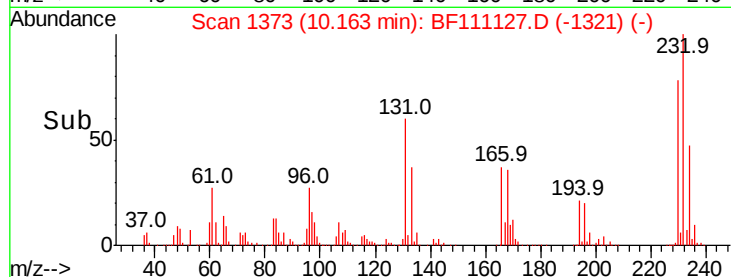
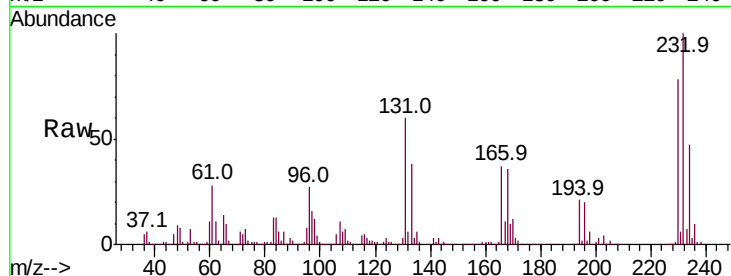
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.618 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampled :
 TEST-PITMS

Tot 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

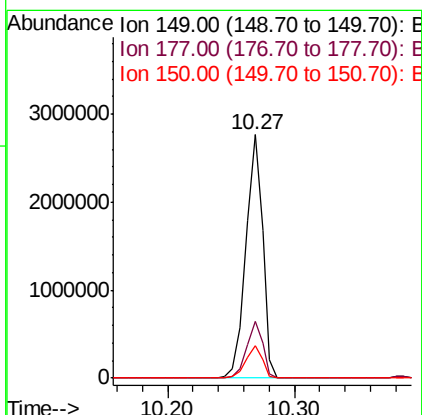
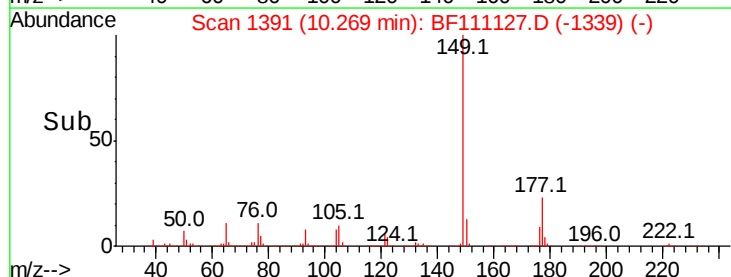
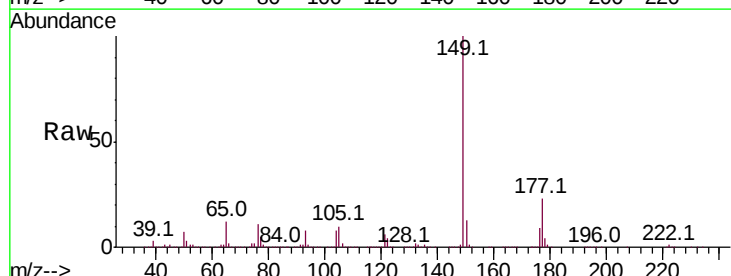
Manual Integrations
 APPROVED

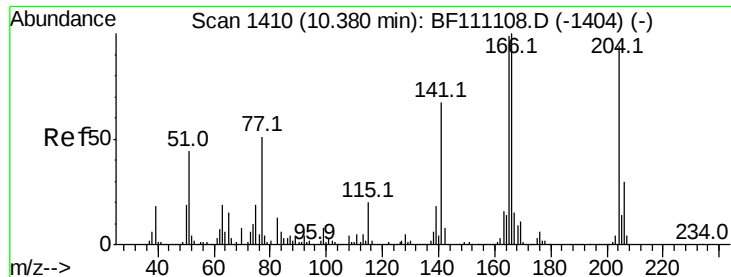
mohammad
 12/6/2018 12:11:59 PM



#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





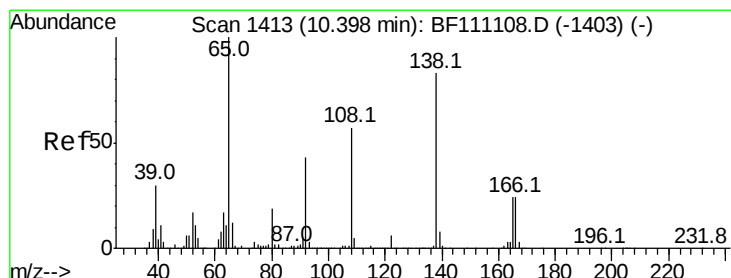
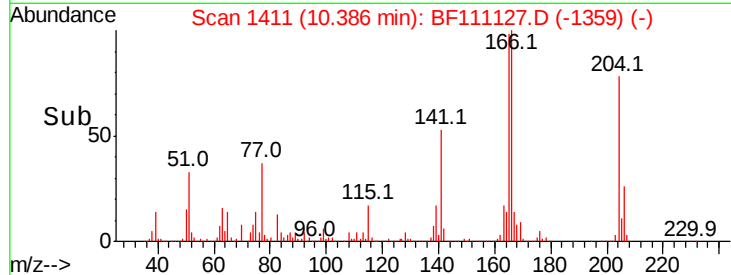
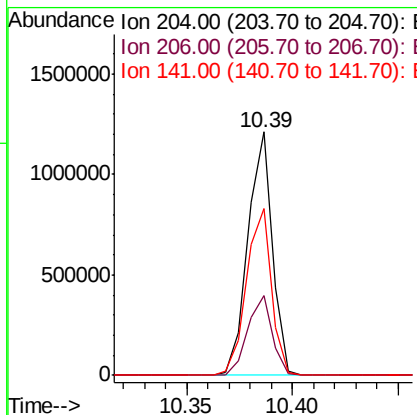
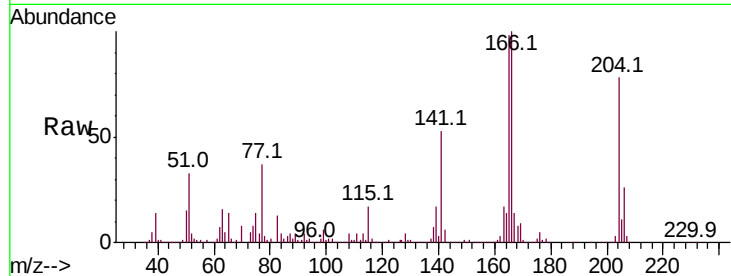
#61
 4-Chlorophenyl-phenylether
 Concen: 41.878 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

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

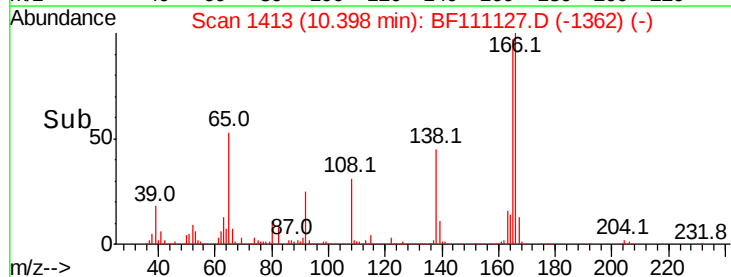
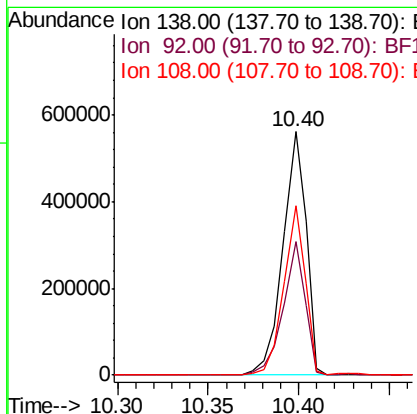
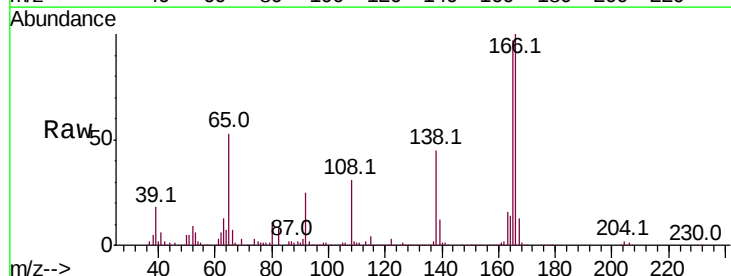
Manual Integrations
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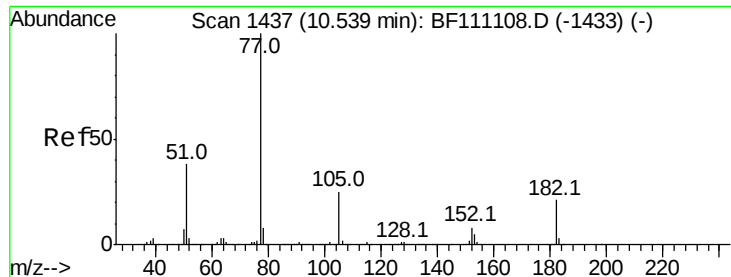
mohammad
 12/6/2018 12:11:59 PM



#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





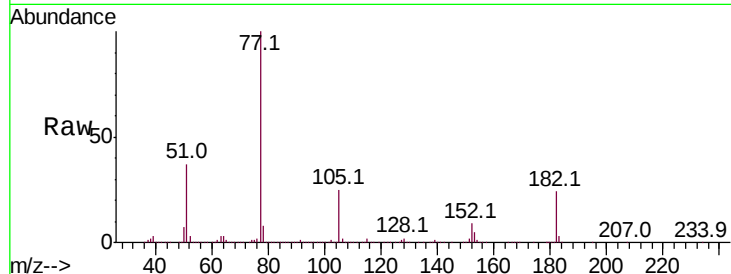
#63
Azobenzene
Concen: 39.874 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

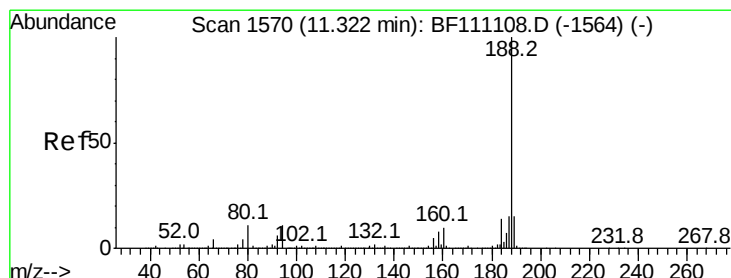
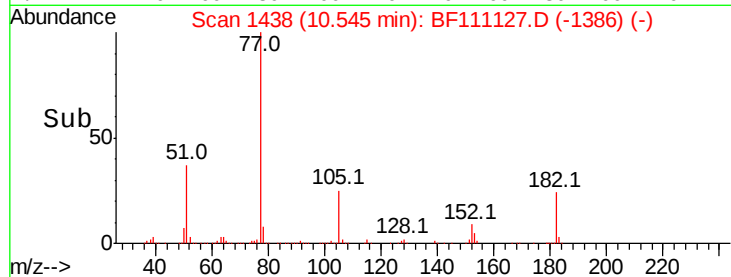
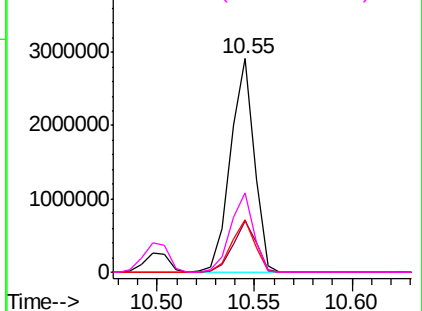
Tot Ion: 77 Resp: 2450454
Ion Ratio Lower Upper
77 100
182 24.2 1.4 41.4
105 24.9 4.7 44.7
51 36.9 18.0 58.0

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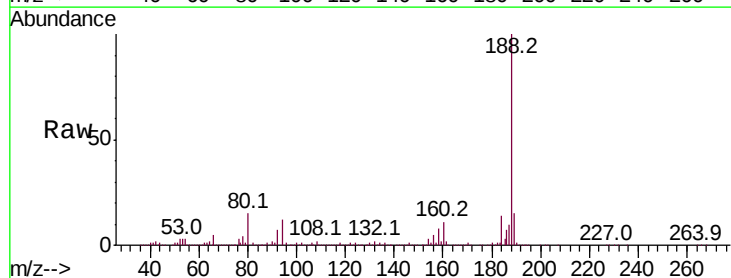


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

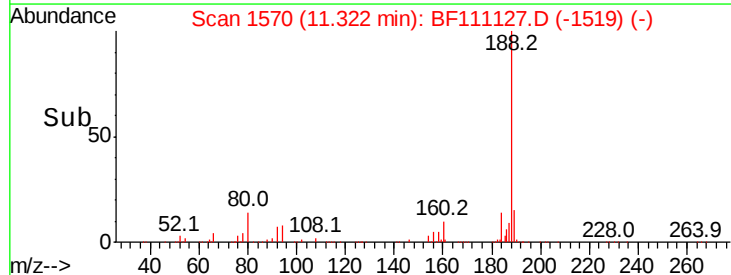
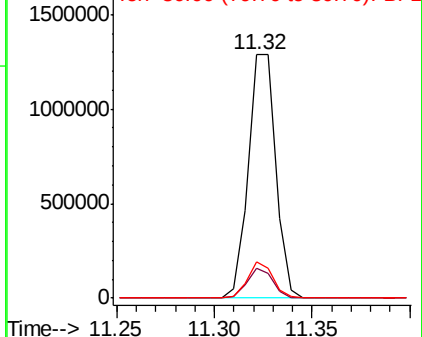


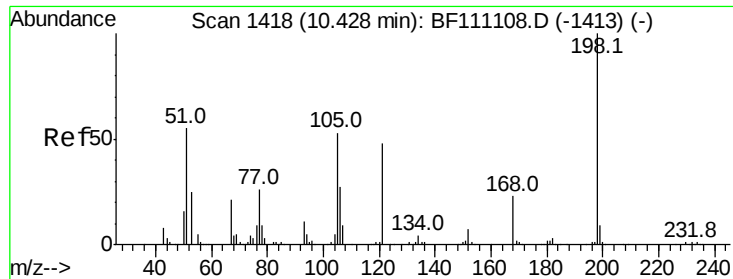
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

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





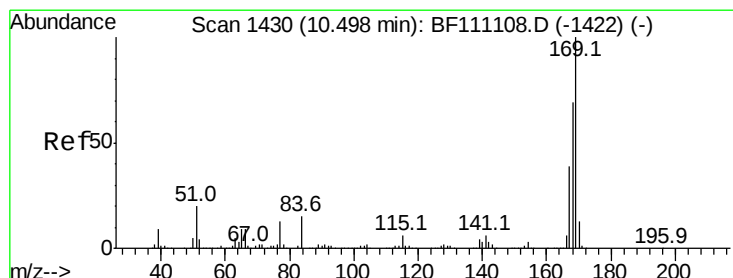
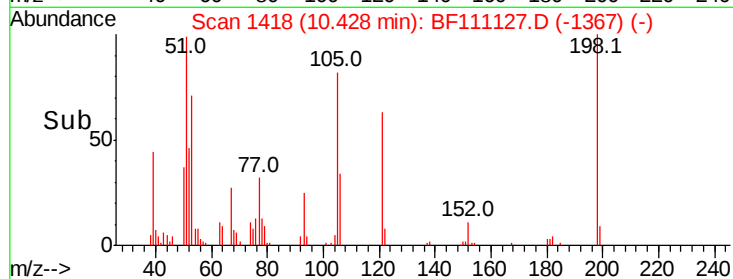
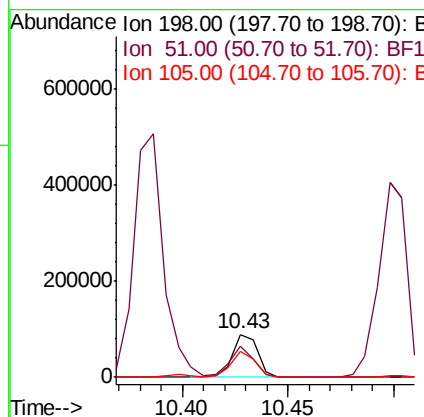
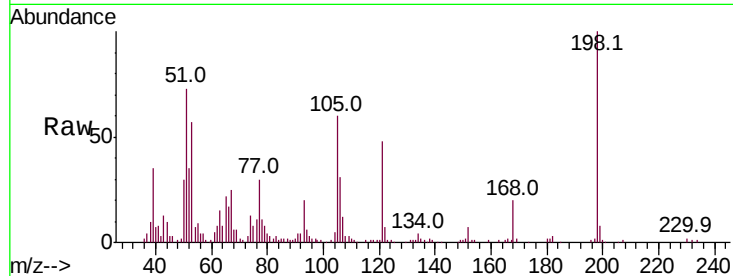
#65
4,6-Dinitro-2-methylphenol
Concen: 14.338 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	72.6	48.8	88.8
105	60.0	35.2	75.2

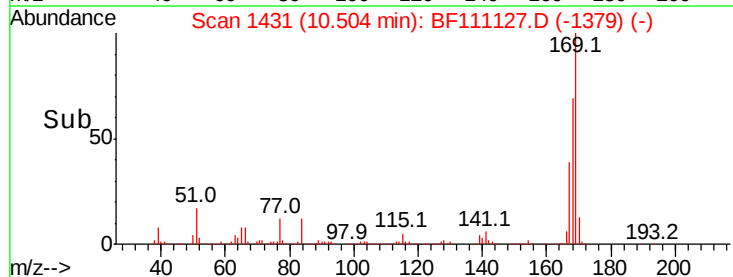
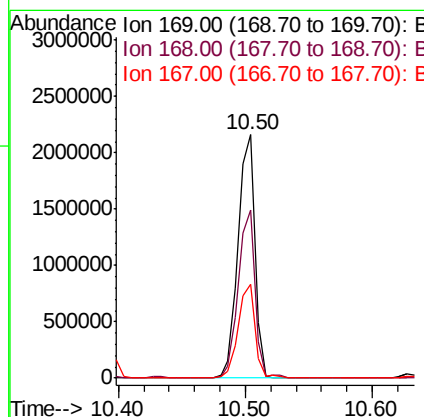
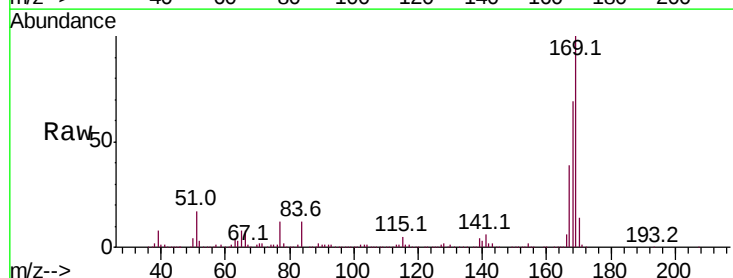
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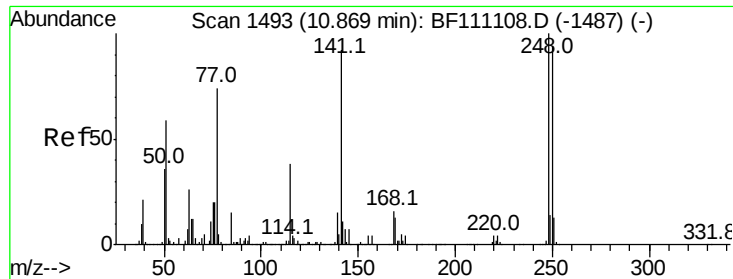
mohammad
12/6/2018 12:11:59 PM



#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	Ratio	Lower	Upper
169	100		
168	69.2	55.4	83.2
167	38.8	31.1	46.7





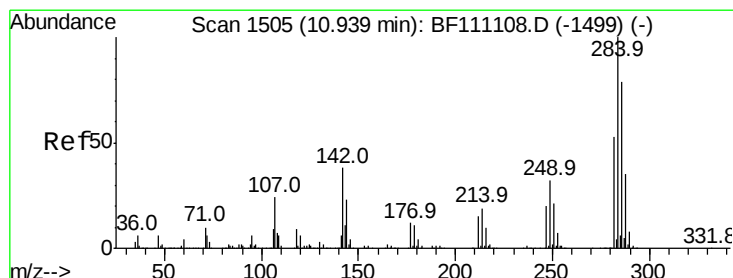
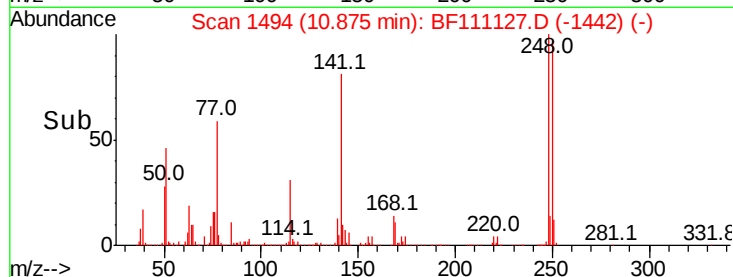
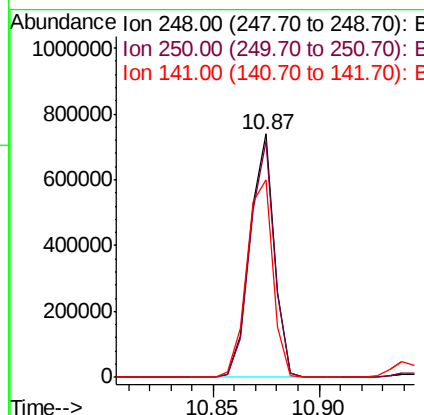
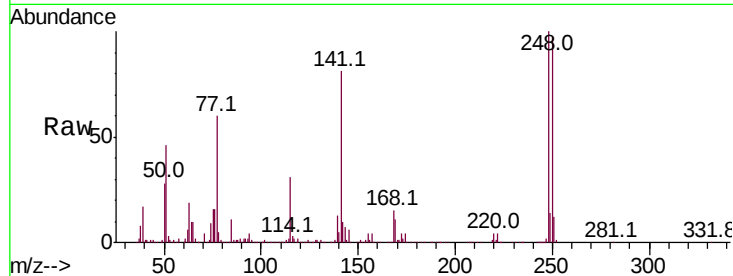
#67
4-Bromophenyl-phenylether
Concen: 44.346 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.4	113.0
141	81.3	73.8	110.6

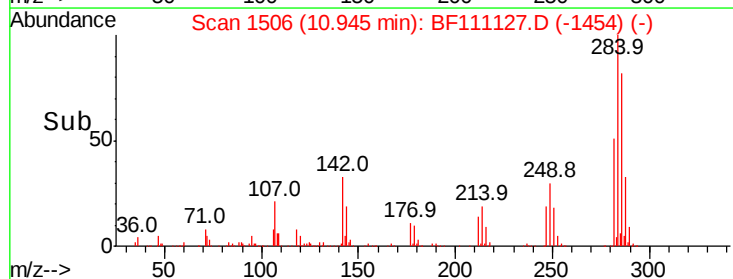
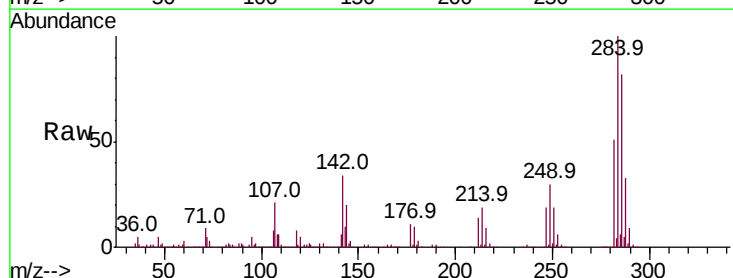
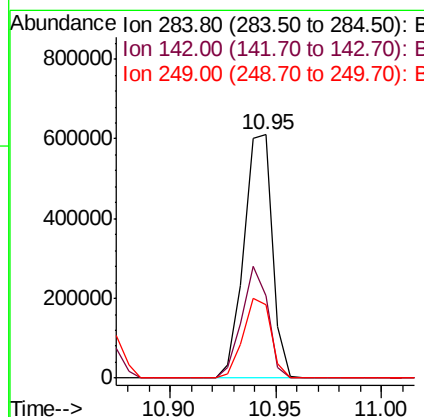
Manual Integrations
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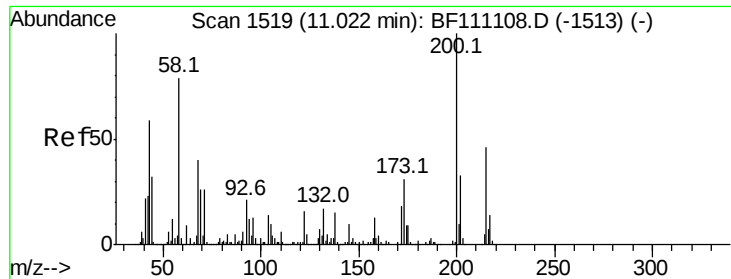
mohammad
12/6/2018 12:11:59 PM



#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	Ratio	Lower	Upper
284	100		
142	34.1	30.2	45.2
249	30.2	25.3	37.9





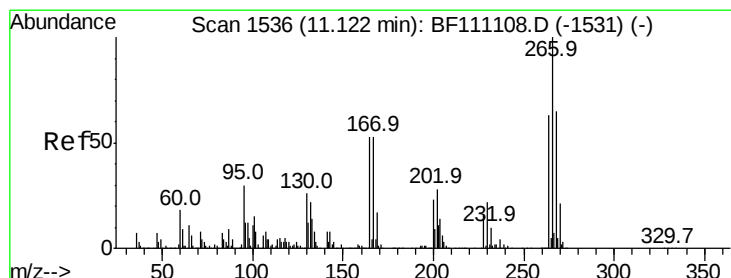
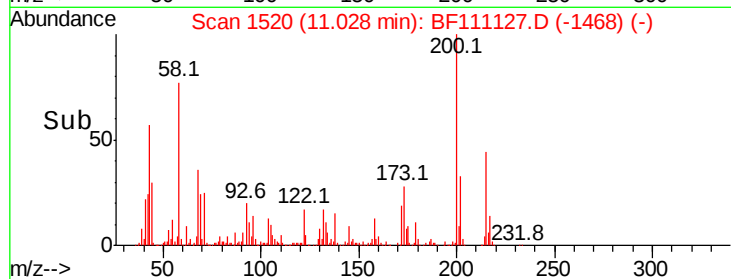
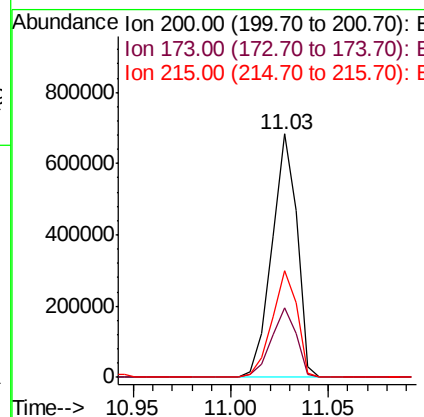
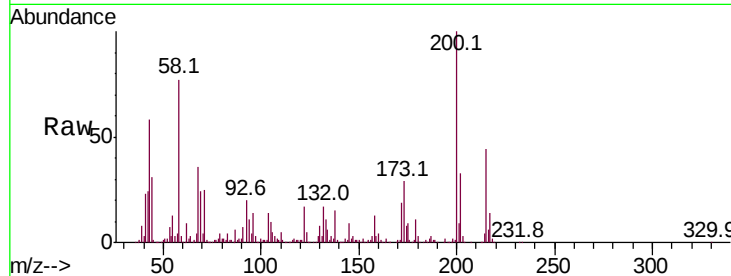
#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	605834		
173	28.6	11.3	51.3	
215	44.1	25.9	65.9	

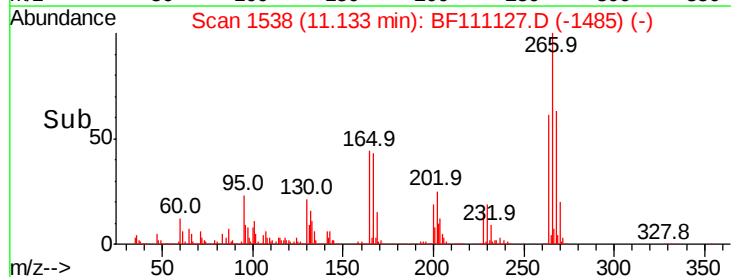
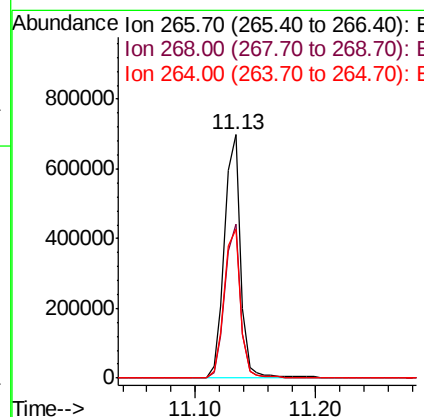
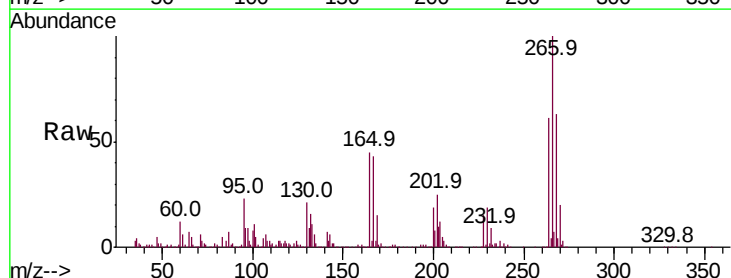
Manual Integrations
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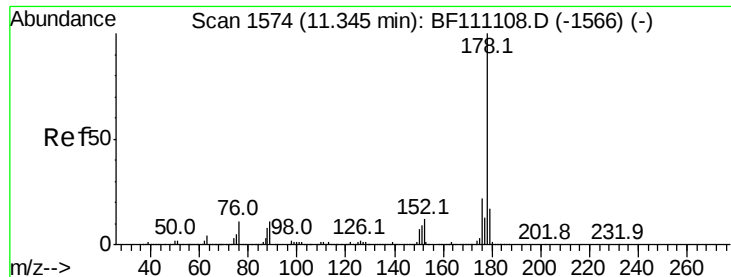
mohammad
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#70
Pentachlorophenol
Concen: 72.028 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	644512		
268	63.5	52.2	78.4	
264	61.1	50.8	76.2	





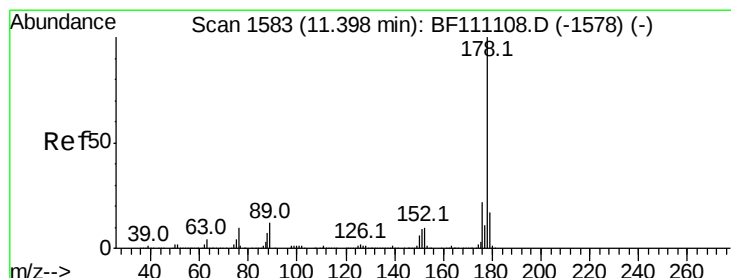
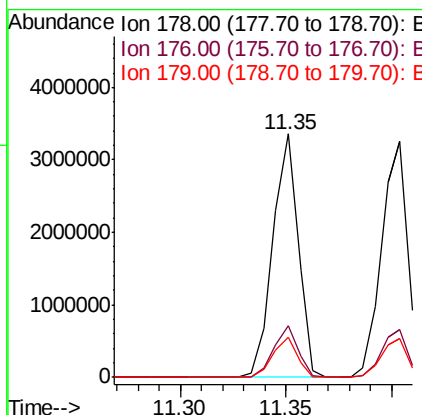
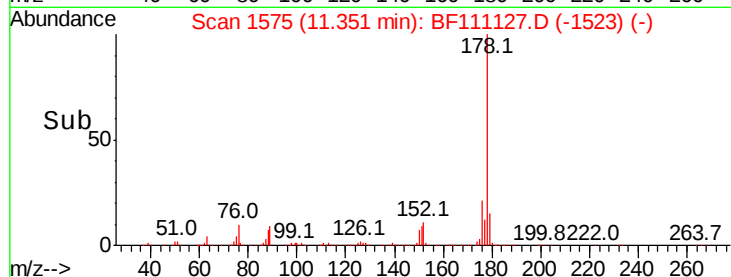
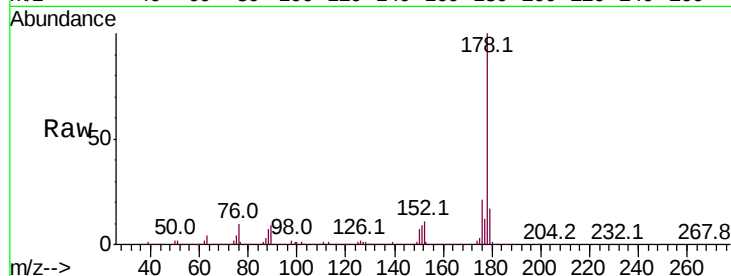
#71
Phenanthrene
Concen: 46.467 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

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

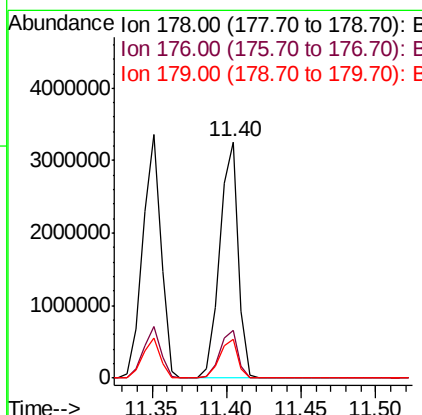
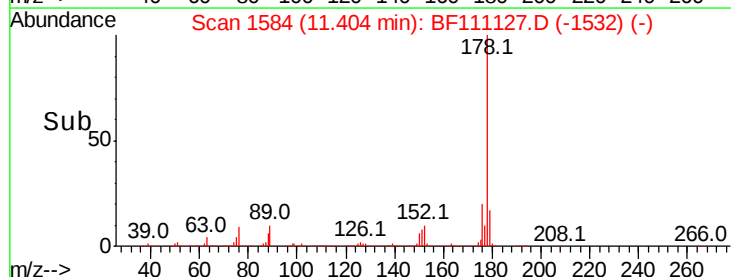
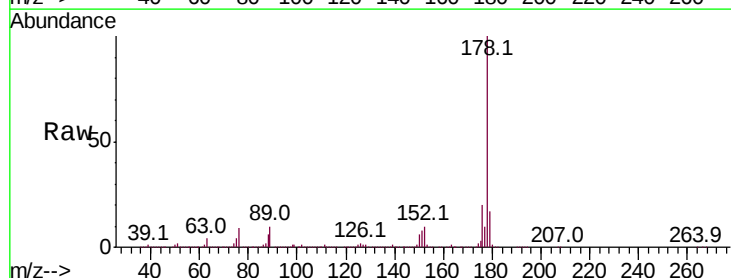
Manual Integrations
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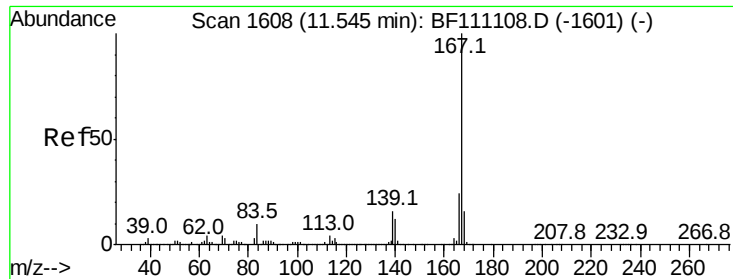
mohammad
12/6/2018 12:11:59 PM



#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





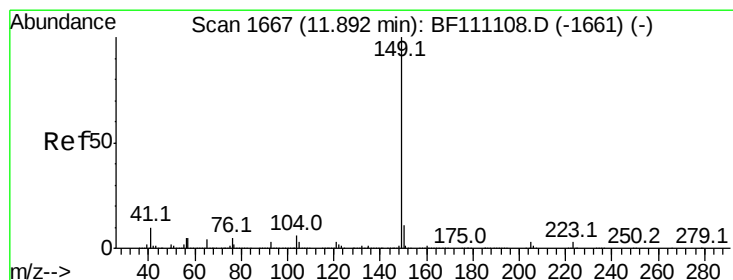
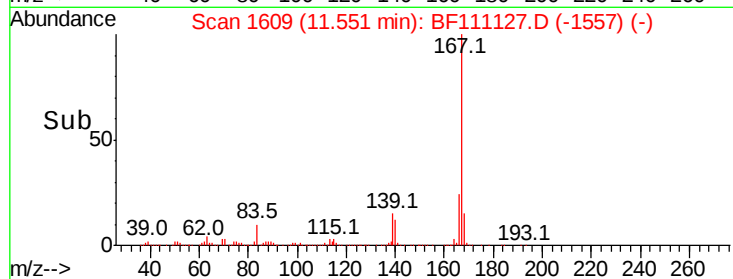
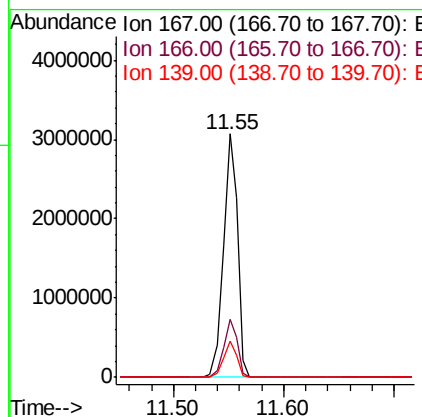
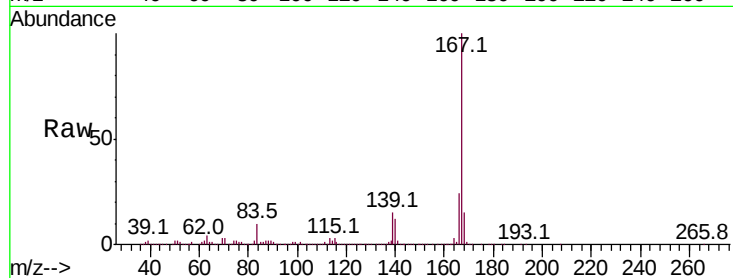
#73
 Carbazole
 Concen: 42.798 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111127.D
 Acq: 6 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PITMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.4	29.0
139	15.0	12.6	18.8

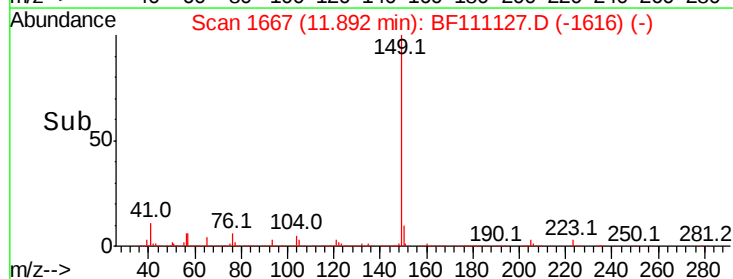
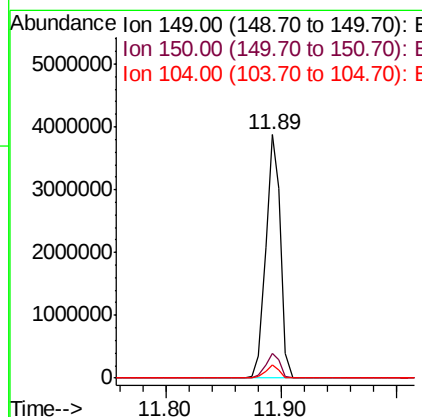
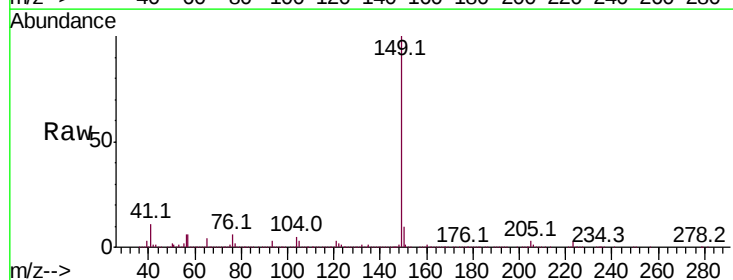
Manual Integrations
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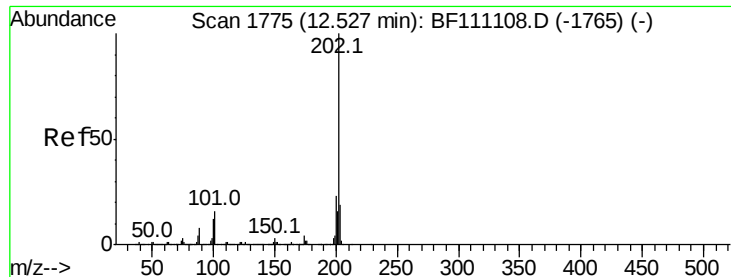
mohammad
 12/6/2018 12:11:59 PM



#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	Ratio	Lower	Upper
149	100		
150	10.2	8.6	12.8
104	5.5	4.5	6.7





#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

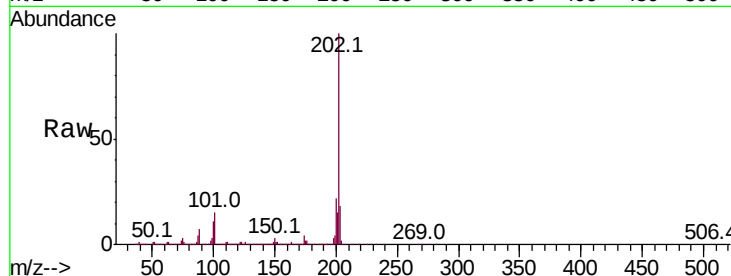
ClientSampleId :

TEST-PITMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	35.8
203	18.5	0.0	38.6

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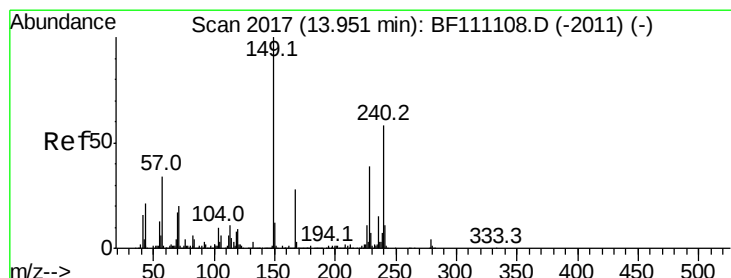
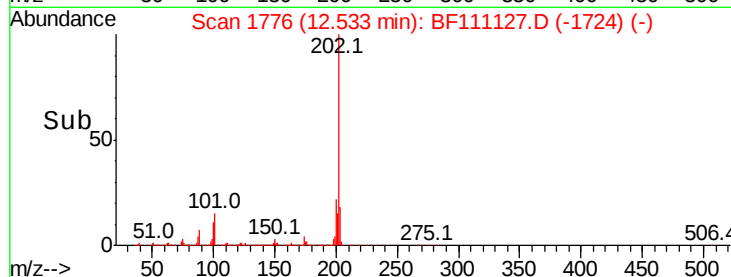
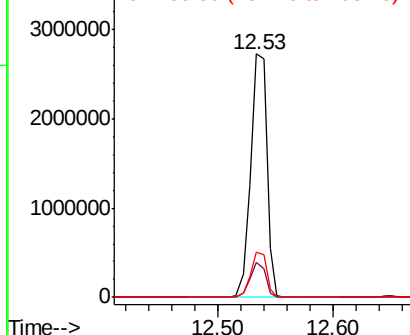


Abundance

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

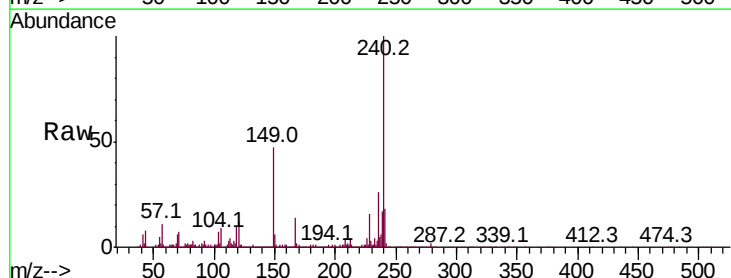
RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111127.D

Acq: 6 Dec 2018 00:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	12.8	19.2#
236	25.5	21.1	31.7

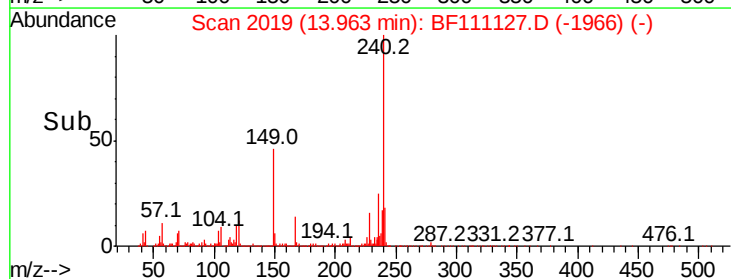
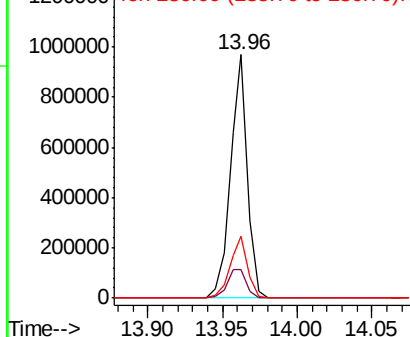


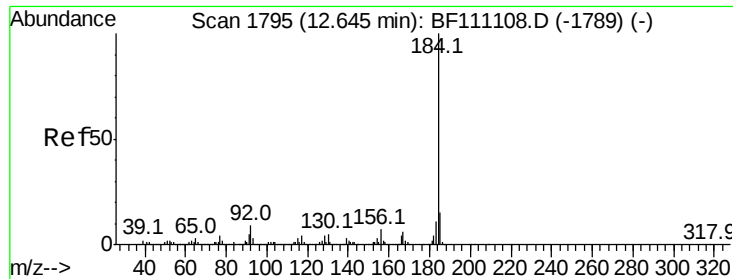
Abundance

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

Tot Ion:184 Resp: 1205997

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

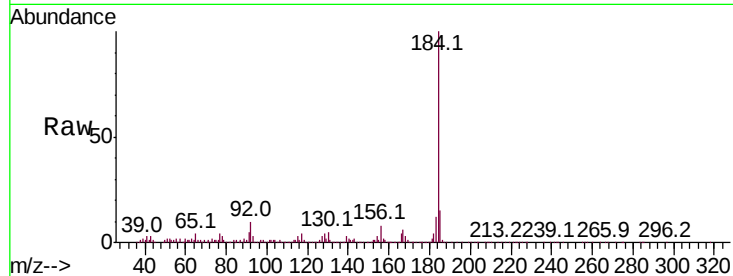
183 11.7 8.9 13.3

Manual Integrations

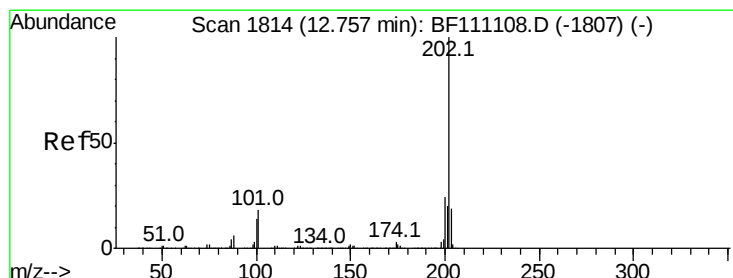
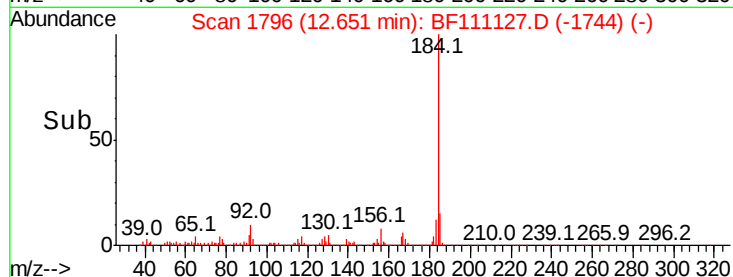
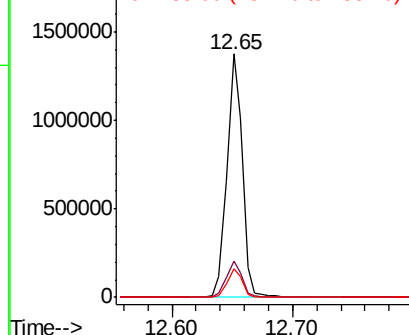
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#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

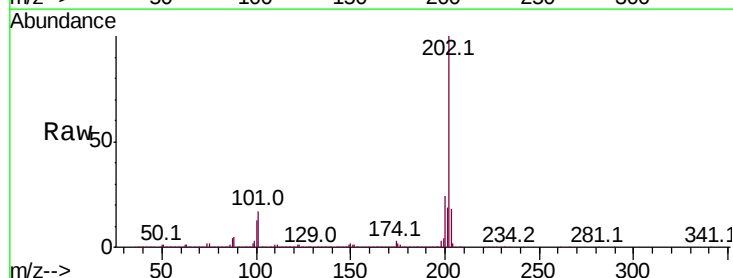
Tgt Ion:202 Resp: 2703305

Ion Ratio Lower Upper

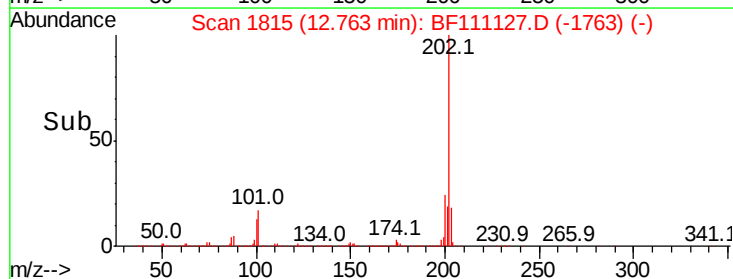
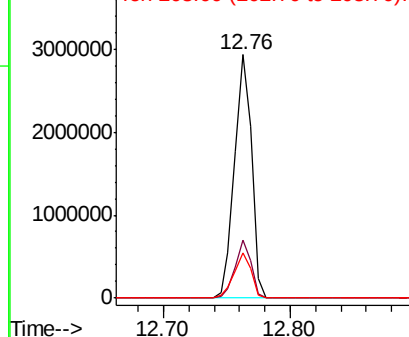
202 100

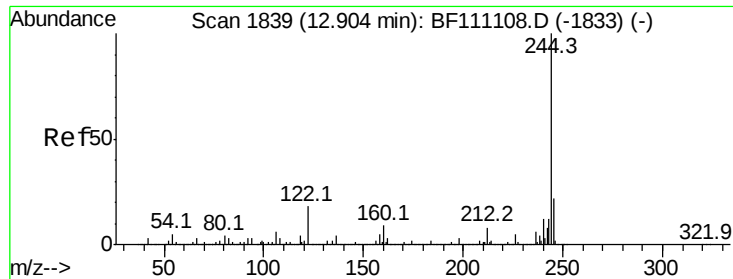
200 23.7 19.3 28.9

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





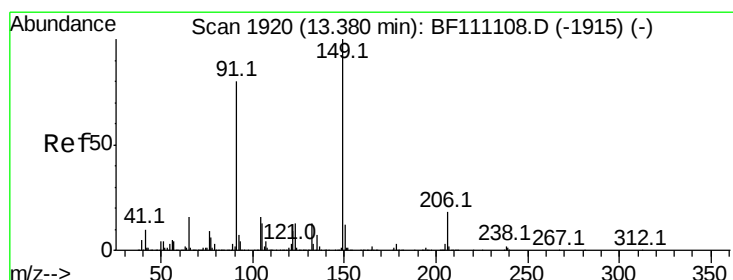
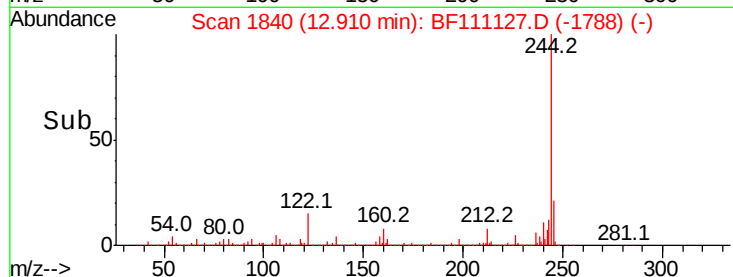
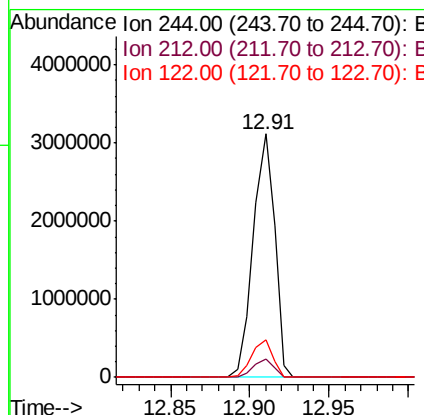
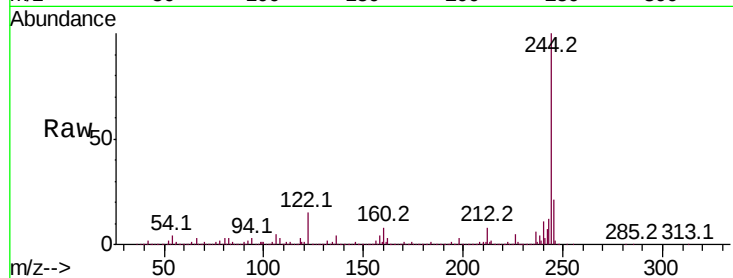
#79
Terphenyl-d14
Concen: 77.728 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

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

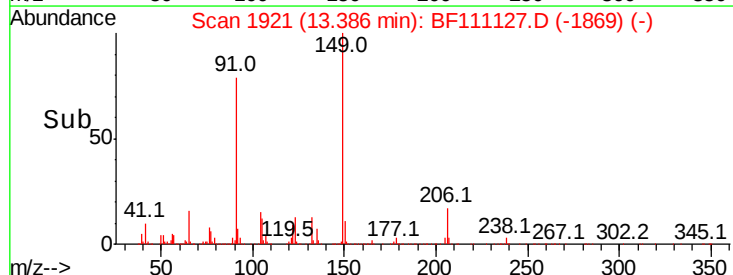
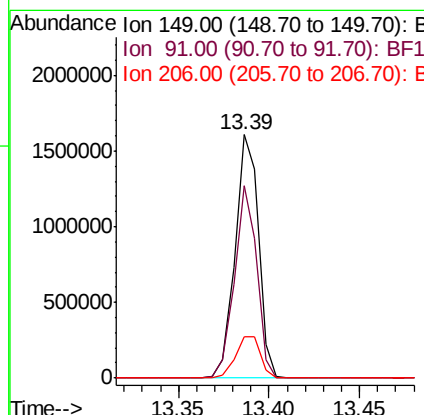
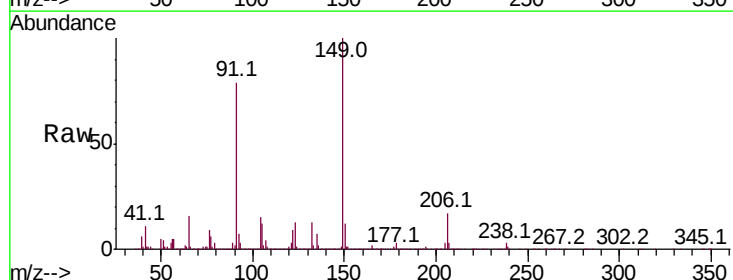
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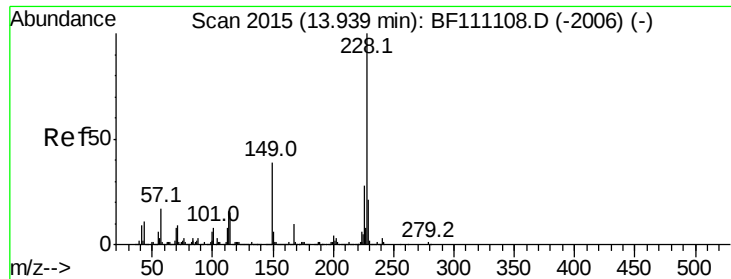
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#80
Butylbenzylphthalate
Concen: 49.443 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

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





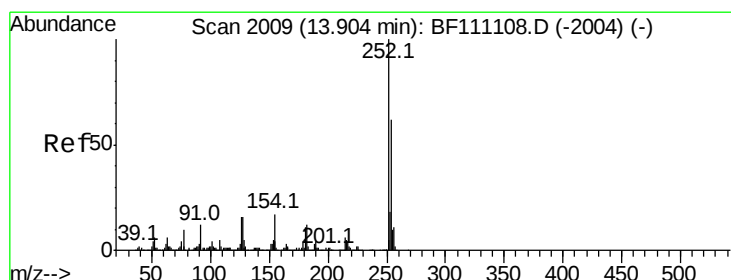
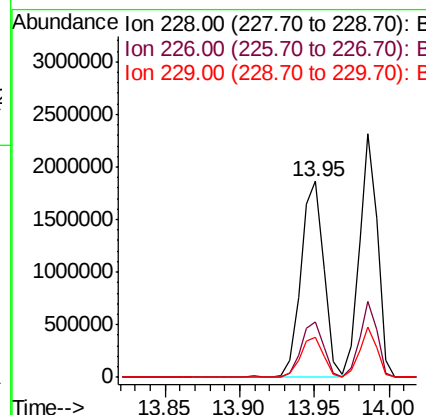
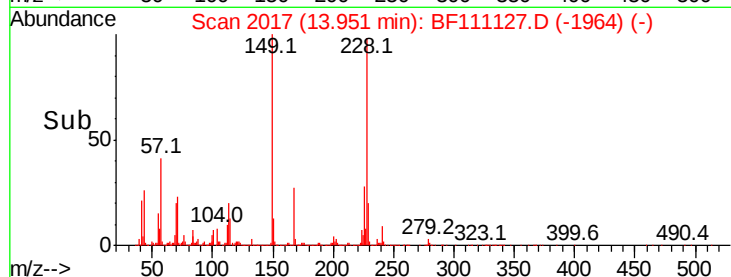
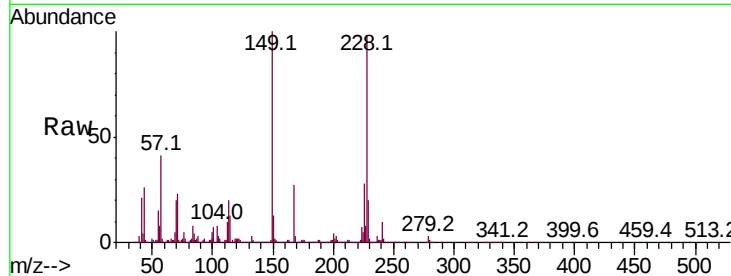
#81
Benzo(a)anthracene
Concen: 44.017 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

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

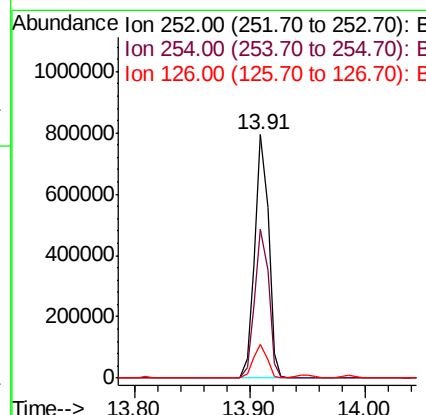
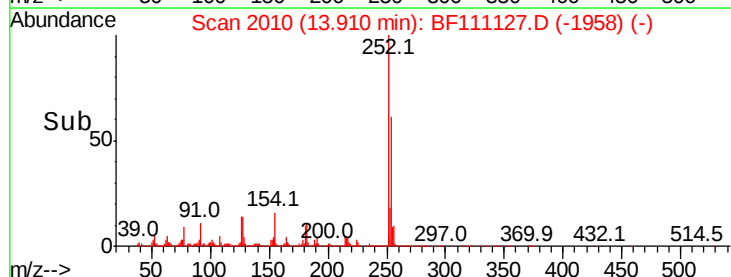
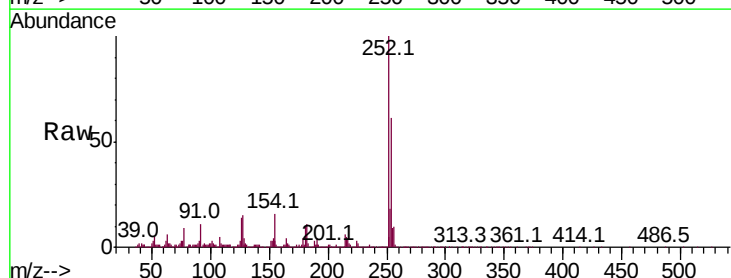
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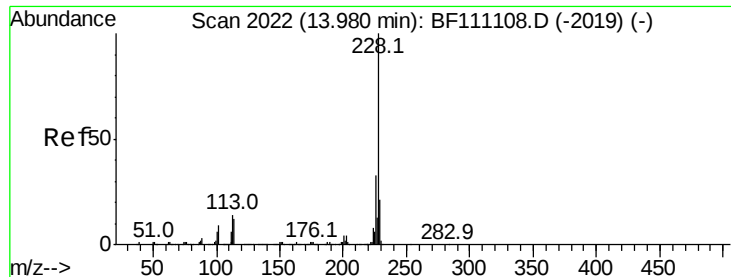
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#82
3,3'-Dichlorobenzidine
Concen: 38.902 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

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





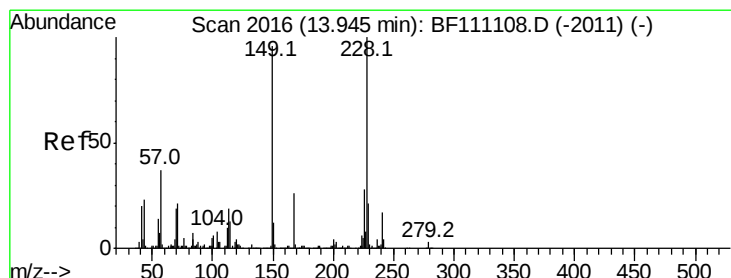
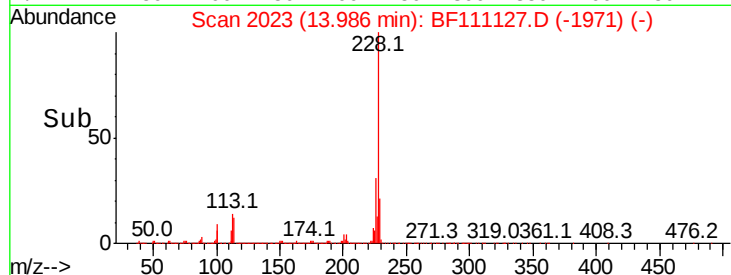
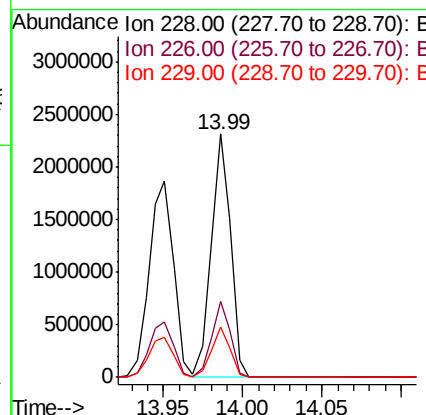
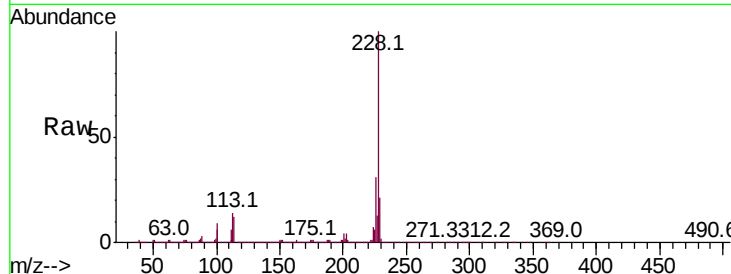
#83
Chrysene
Concen: 43.920 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion:228 Resp: 1981308
Ion Ratio Lower Upper
228 100
226 31.2 26.2 39.2
229 20.8 16.9 25.3

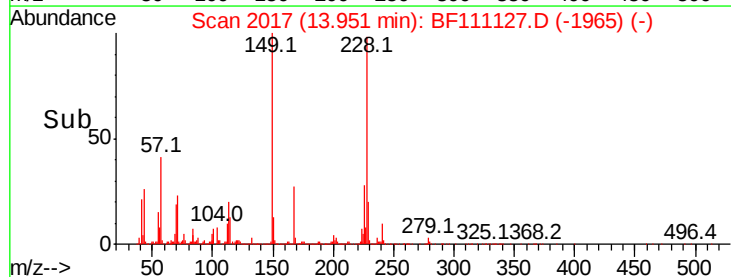
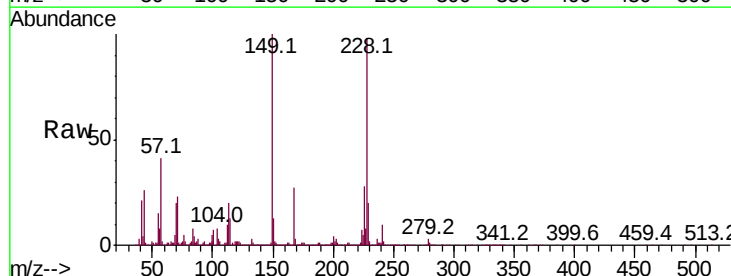
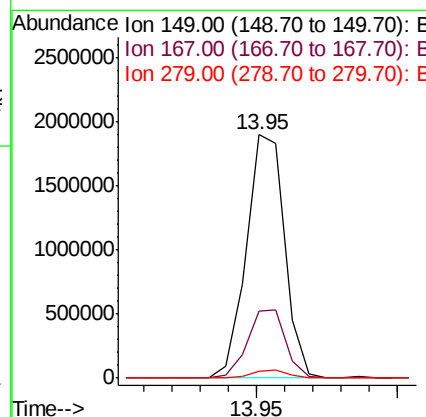
Manual Integrations
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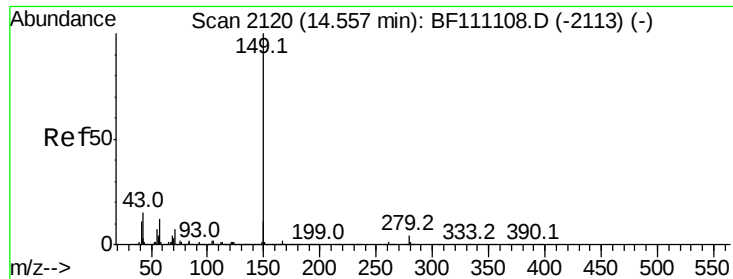
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.600 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

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





#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

Tot Ion:149 Resp: 2986404

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

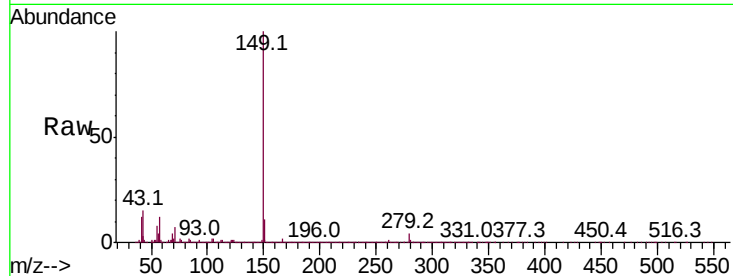
43 14.3 11.9 17.9

Manual Integrations

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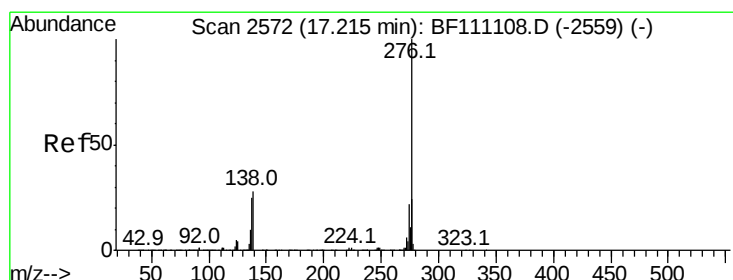
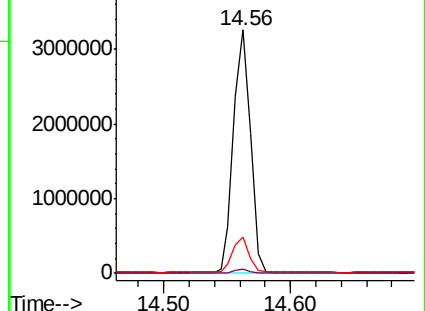
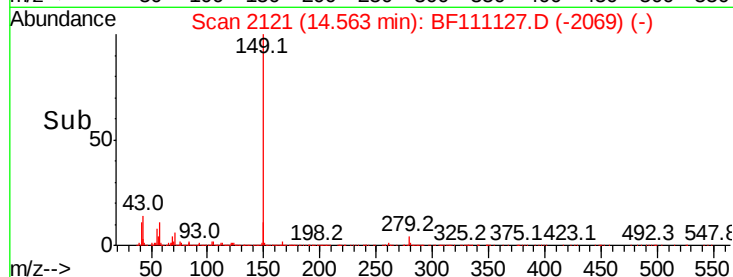
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Abundance Ion 149.00 (148.70 to 149.70): E

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

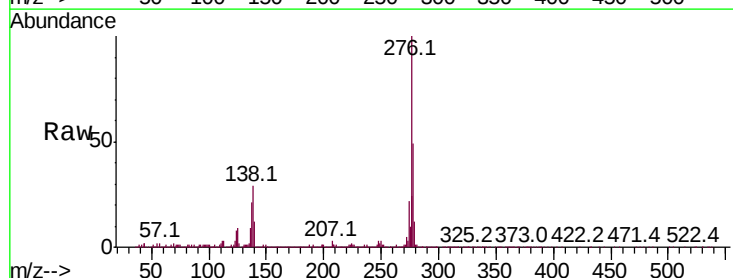
Tgt Ion:276 Resp: 1476849

Ion Ratio Lower Upper

276 100

138 32.1 20.2 30.4#

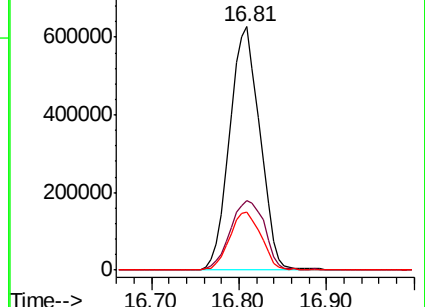
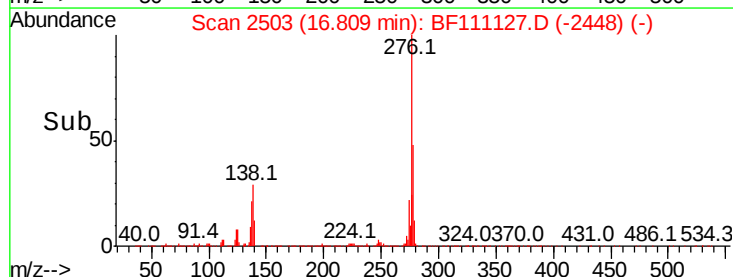
277 25.0 15.8 23.6#

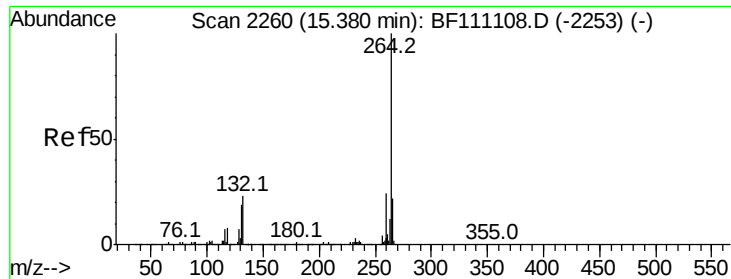


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-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

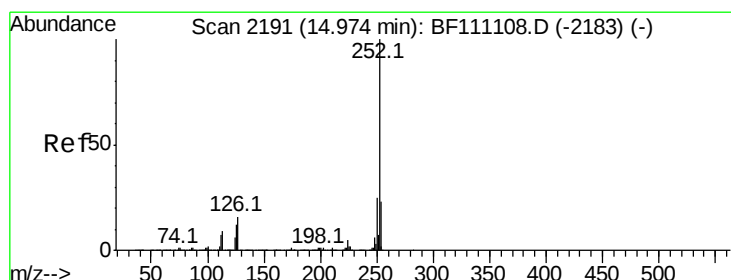
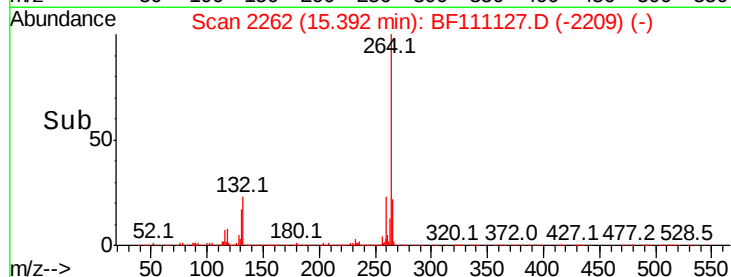
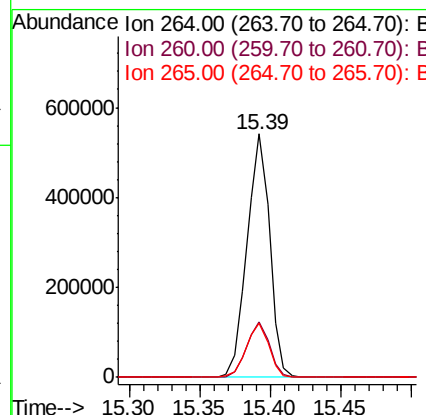
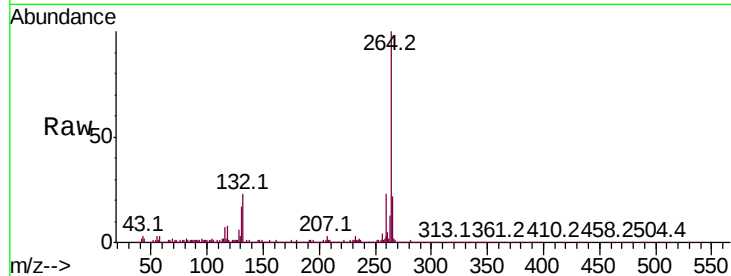
ClientSampleId :

TEST-PITMS

Tot Ion:	264	Resp:	609961
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.4	29.0
265	22.2	17.4	26.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 45.046 ng

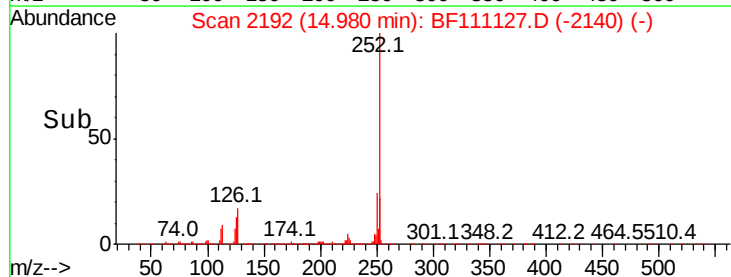
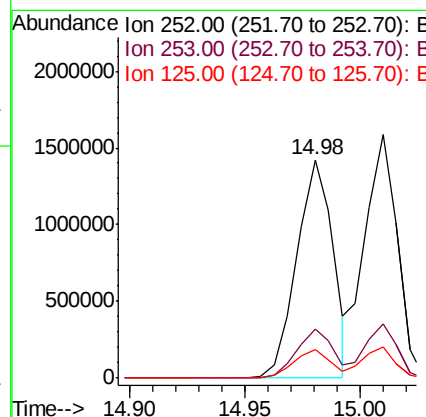
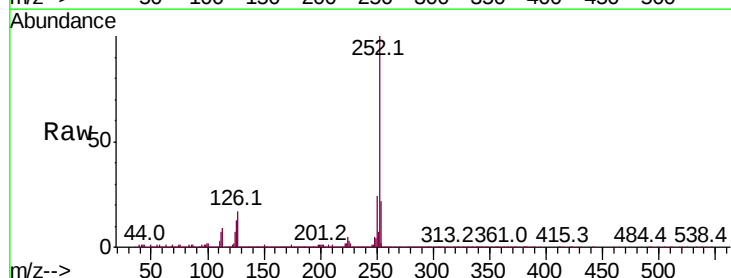
RT: 14.98 min Scan# 2192

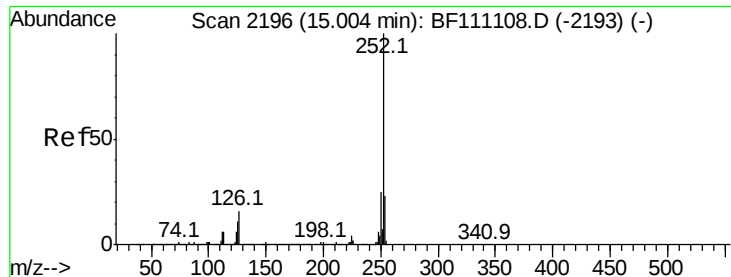
Delta R.T. 0.01 min

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





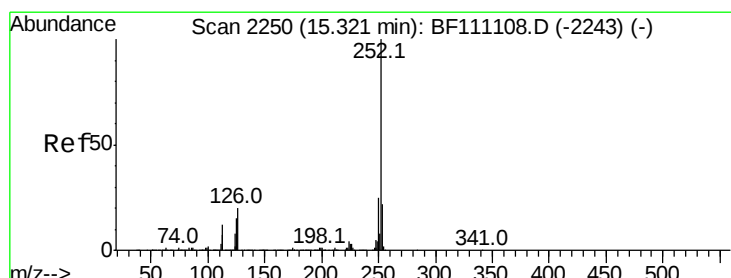
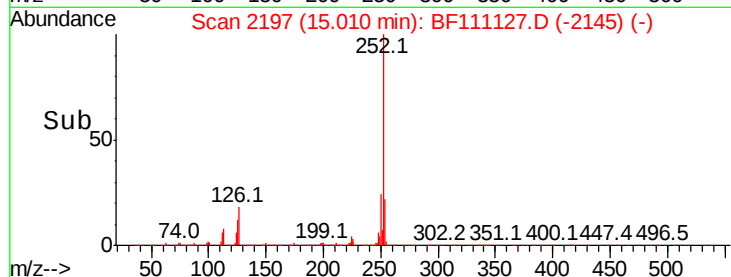
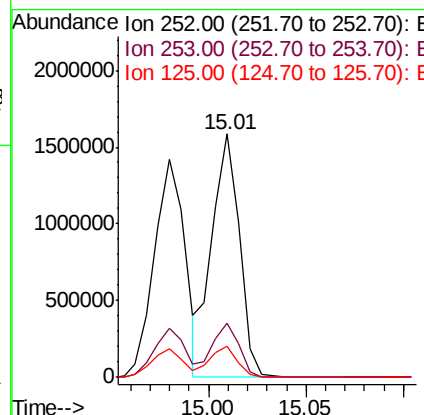
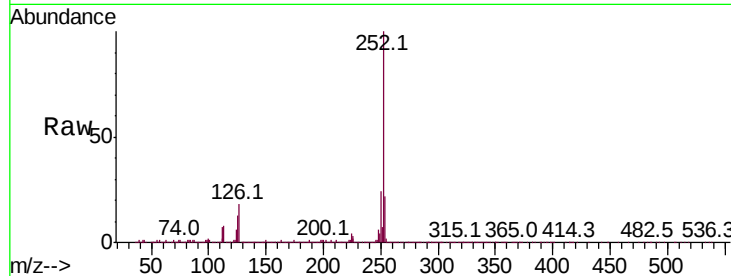
#89
Benzo(k)fluoranthene
Concen: 46.496 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :
TEST-PITMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.7	9.9	14.9

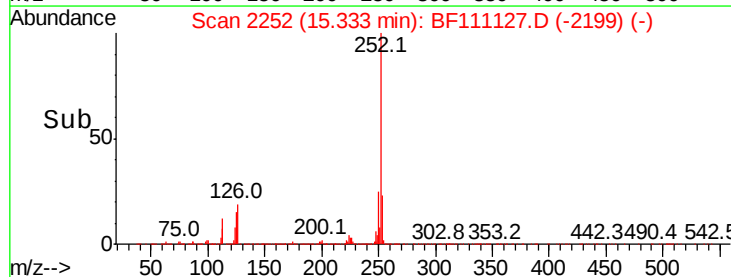
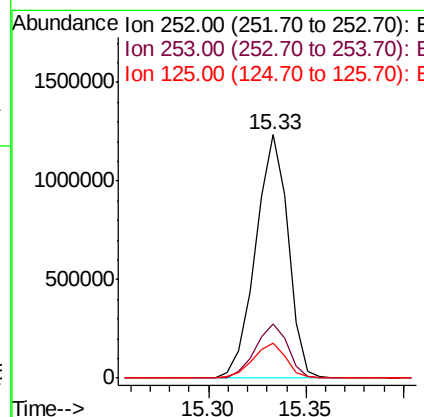
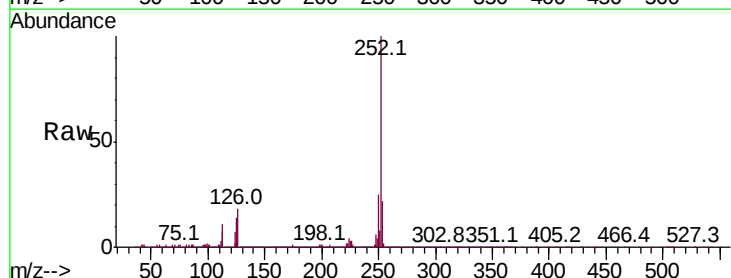
Manual Integrations
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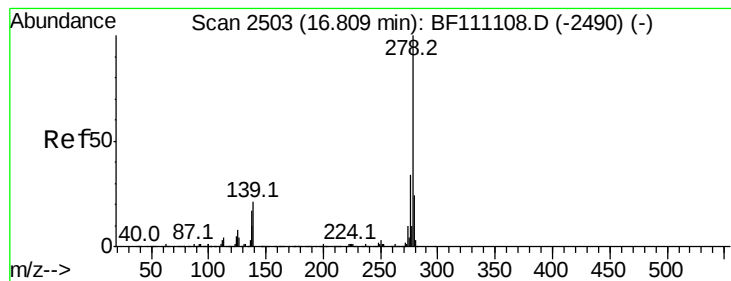
mohammad
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#90
Benzo(a)pyrene
Concen: 44.796 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111127.D
Acq: 6 Dec 2018 00:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.3	12.4	18.6





#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

Tot Ion:278 Resp: 1226967

Ion Ratio Lower Upper

278 100

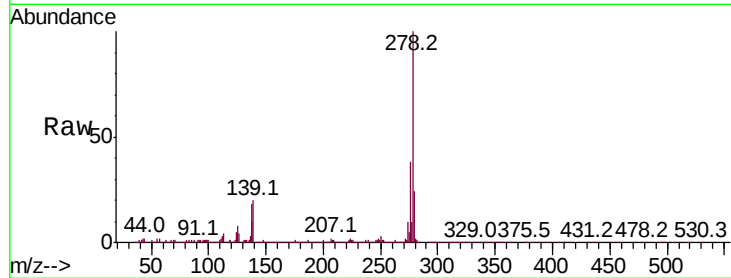
139 20.3 16.6 25.0

279 23.9 18.8 28.2

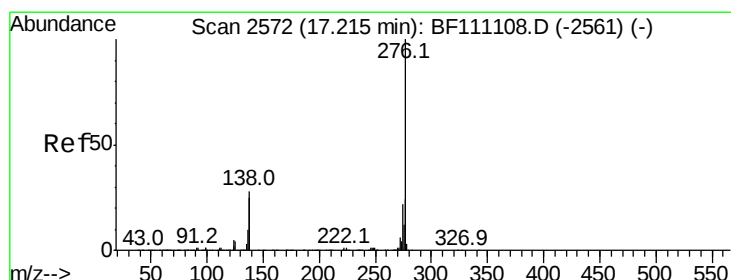
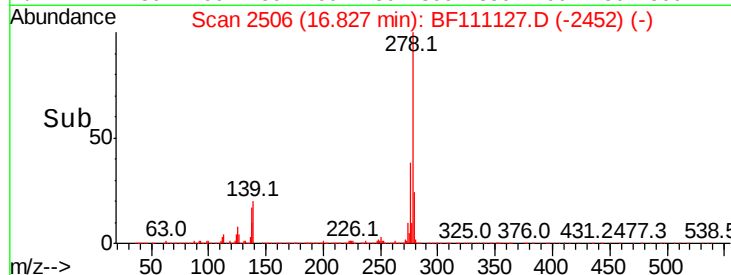
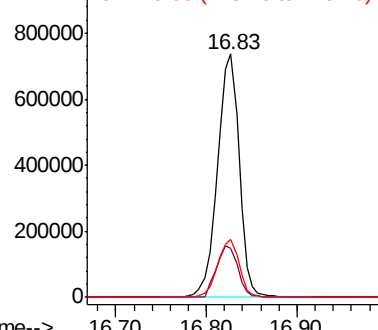
Manual Integrations
APPROVED

mohammad

12/6/2018 12:11:59 PM



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

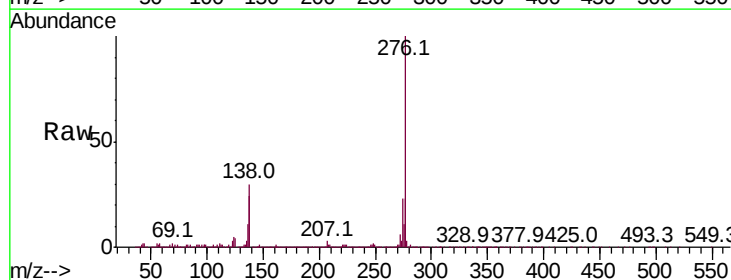
Tgt Ion:276 Resp: 1230157

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
Ion 138.00 (137.70 to 138.70): E

