

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111234.D
 Acq On : 10 Dec 2018 11:28
 Operator : JU/SJ
 Sample : J6083-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 15:04:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	670217	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2636204	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1243262	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	2087395	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1170635	20.00	ng	0.00
87) Perylene-d12	15.39	264	1025639	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	4813871	113.42	ng	0.02
7) Phenol-d6	6.45	99	6478266	122.82	ng	0.01
23) Nitrobenzene-d5	7.37	82	4278353	91.03	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1265846	114.94	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	5683013	77.29	ng	0.00
79) Terphenyl-d14	12.91	244	4729348	96.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	781579	35.890	ng	99
3) Pyridine	3.35	79	2226094	38.477	ng	97
4) n-Nitrosodimethylamine	3.29	42	1174042	47.595	ng	99
6) Aniline	6.47	93	1335785	18.994	ng	97
8) 2-Chlorophenol	6.59	128	2007904	41.619	ng	97
9) Benzaldehyde	6.35	77	911249	27.125	ng	99
10) Phenol	6.46	94	2719973	44.101	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	2024602	42.445	ng	99
12) 1,3-Dichlorobenzene	6.75	146	2089903	40.316	ng	98
13) 1,4-Dichlorobenzene	6.82	146	2109381	40.300	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1943596	39.812	ng	98
15) Benzyl Alcohol	6.95	79	1819871	43.599	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3831103	42.899	ng	99
17) 2-Methylphenol	7.06	107	1832449	46.523	ng	97
18) Hexachloroethane	7.32	117	806761	40.483	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	1491452	42.210	ng	99
20) 3+4-Methylphenols	7.22	107	1976689	42.192	ng	97
22) Acetophenone	7.22	105	2720194	45.097	ng	# 99
24) Nitrobenzene	7.39	77	2181364	44.593	ng	95
25) Isophorone	7.63	82	4104389	51.271	ng	98
26) 2-Nitrophenol	7.70	139	1128242	46.421	ng	98
27) 2,4-Dimethylphenol	7.74	122	1895487	50.470	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2668860	48.144	ng	99
29) 2,4-Dichlorophenol	7.95	162	1749286	45.552	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	1678293	44.368	ng	99
31) Naphthalene	8.11	128	5302296	46.085	ng	96
32) Benzoic acid	7.74	122	1895487	61.033	ng	# 16
33) 4-Chloroaniline	8.15	127	614424	11.119	ng	97
34) Hexachlorobutadiene	8.23	225	871112	41.719	ng	99
35) Caprolactam	8.53	113	585718	43.042	ng	95
36) 4-Chloro-3-methylphenol	8.64	107	1895254	48.203	ng	99
37) 2-Methylnaphthalene	8.80	142	3713339	48.612	ng	97
38) 1-Methylnaphthalene	8.90	142	3525155	47.124	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1354764	39.162	ng	99

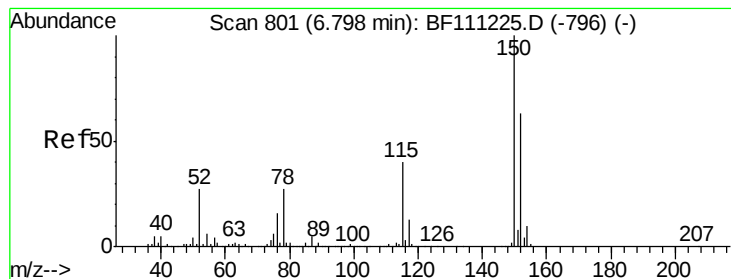
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1359728	69.017	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	1049263	40.407	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	1182372	43.709	nq	98
46) 1,1'-Biphenyl	9.26	154	4016513	39.680	nq	97
47) 2-Chloronaphthalene	9.29	162	3317228	40.778	nq	98
48) 2-Nitroaniline	9.38	65	1247545	44.956	nq	98
49) Acenaphthylene	9.70	152	4953873	41.947	nq	97
50) Dimethylphthalate	9.57	163	4182532	45.594	nq	98
51) 2,6-Dinitrotoluene	9.63	165	967828	47.773	nq	97
52) Acenaphthene	9.87	154	3013770	40.666	nq	99
53) 3-Nitroaniline	9.79	138	584459	23.373	nq	97
54) 2,4-Dinitrophenol	9.89	184	40937	5.114	nq	# 1
55) Dibenzofuran	10.05	168	4332696	42.973	nq	94
56) 4-Nitrophenol	9.95	139	1098937	56.428	nq	97
57) 2,4-Dinitrotoluene	10.03	165	1235685	49.478	nq	97
58) Fluorene	10.39	166	3180473	40.764	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	804867	39.254	nq	100
60) Diethylphthalate	10.27	149	3737106	42.731	nq	97
61) 4-Chlorophenyl-phenylether	10.38	204	1465583	37.832	nq	97
62) 4-Nitroaniline	10.40	138	1018290	43.038	nq	99
63) Azobenzene	10.54	77	3736298	41.149	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	200233	16.858	nq	86
66) n-Nitrosodiphenylamine	10.50	169	3110323	43.773	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	983285	43.008	nq	96
68) Hexachlorobenzene	10.94	284	999963	42.995	nq	94
69) Atrazine	11.03	200	1003154	46.426	nq	97
70) Pentachlorophenol	11.13	266	899582	53.318	nq	95
71) Phenanthrene	11.35	178	4458196	42.344	nq	98
72) Anthracene	11.40	178	4523180	41.064	nq	97
73) Carbazole	11.55	167	4538241	39.402	nq	97
74) Di-n-butylphthalate	11.89	149	5001132	42.244	nq	97
75) Fluoranthene	12.53	202	4346995	45.197	nq	94
77) Benzidine	12.65	184	865852	24.910	nq	97
78) Pyrene	12.76	202	4396496	52.556	nq	97
80) Butylbenzylphthalate	13.39	149	2129879	48.745	nq	98
81) Benzo(a)anthracene	13.95	228	3030201	46.398	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	548485	20.490	nq	99
83) Chrysene	13.99	228	3098731	46.024	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2270042	43.722	nq	98
85) Di-n-octyl phthalate	14.56	149	3792815	43.583	nq	100
86) Indeno(1,2,3-cd)pyrene	16.82	276	3114807	57.311	nq	99
88) Benzo(b)fluoranthene	14.98	252	2926857	51.602	nq	99
89) Benzo(k)fluoranthene	15.02	252	2502910	46.935	nq	99
90) Benzo(a)pyrene	15.34	252	2632947	50.409	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	2529950	61.668	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2664645	64.884	nq	97

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

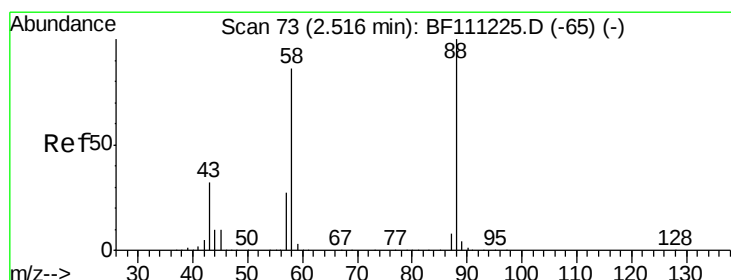
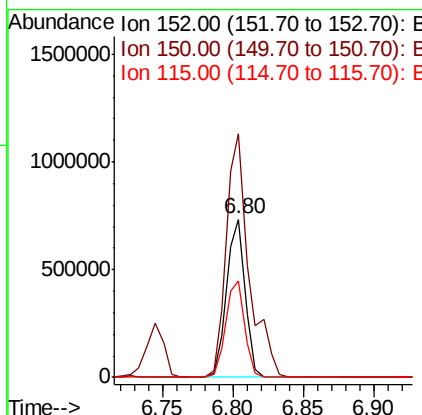
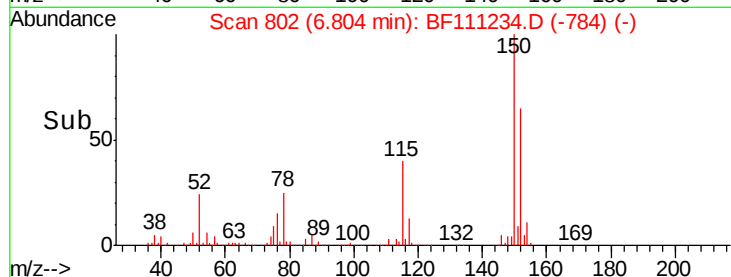
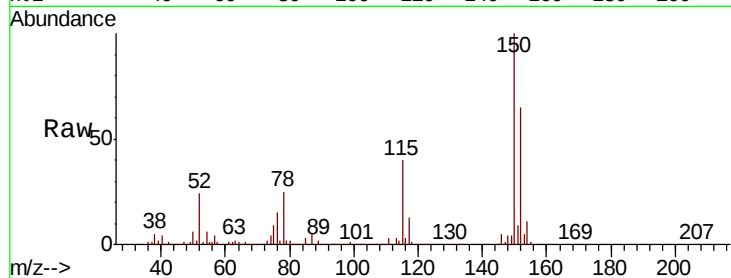


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

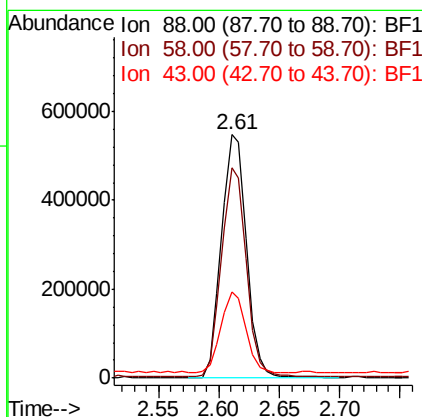
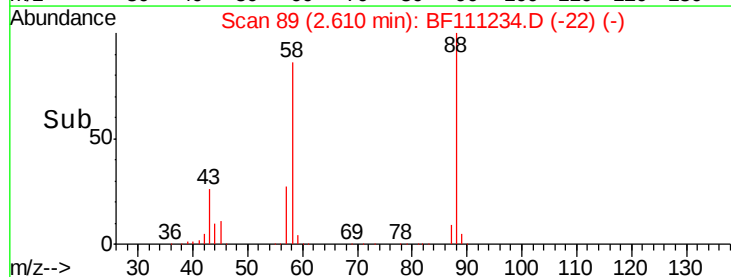
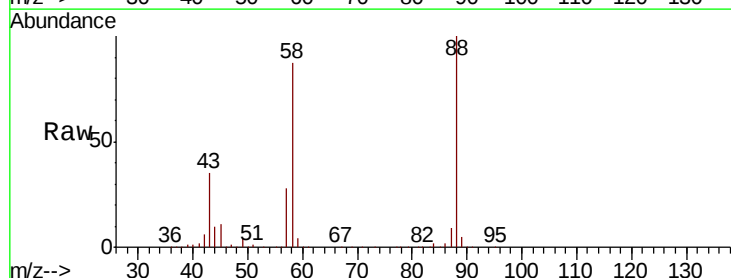
Tot Ion:152 Resp: 670217
Ion Ratio Lower Upper
152 100
150 154.0 126.6 189.8
115 61.2 50.7 76.1

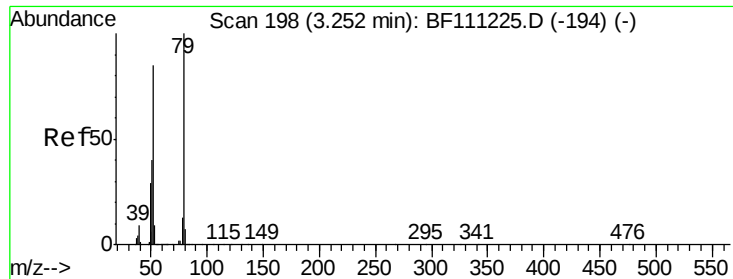


#2

1,4-Dioxane
Concen: 35.890 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.09 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion: 88 Resp: 781579
Ion Ratio Lower Upper
88 100
58 84.7 68.9 103.3
43 32.7 25.8 38.6

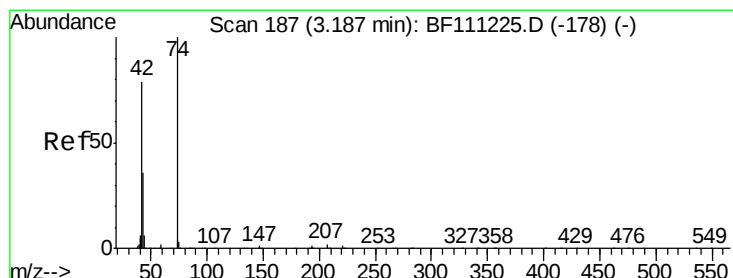
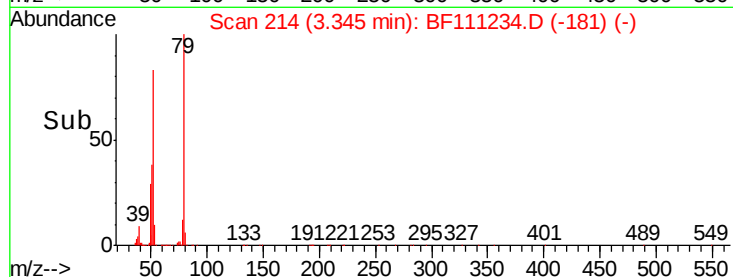
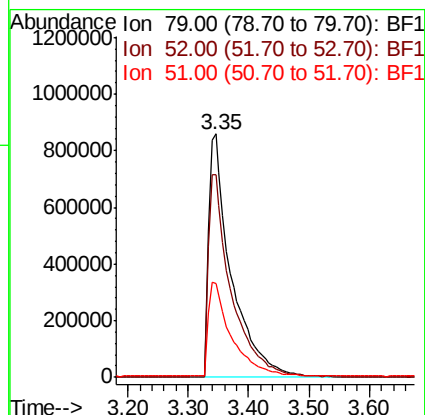
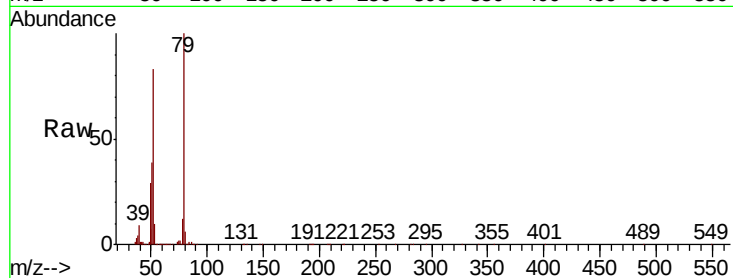




#3
 Pvridine
 Concen: 38.477 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

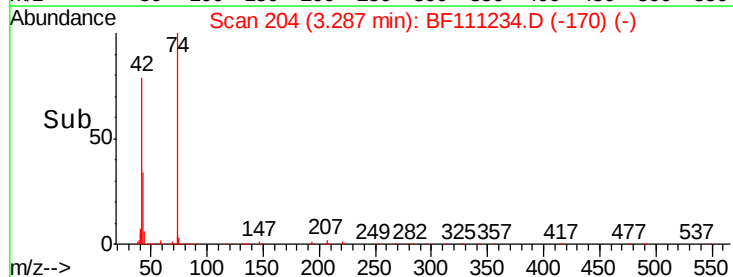
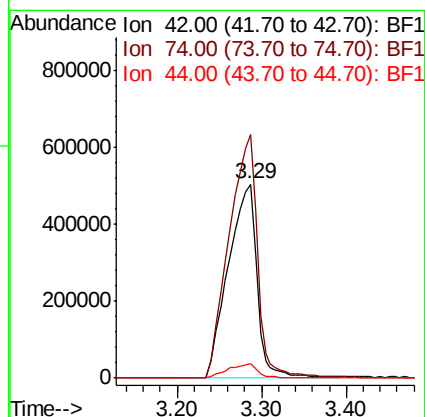
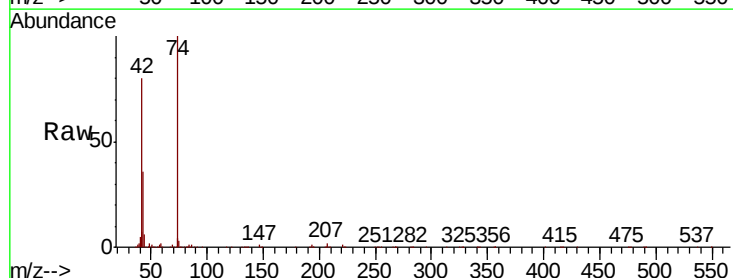
Instrument :
 BNA_F
 ClientSampled :

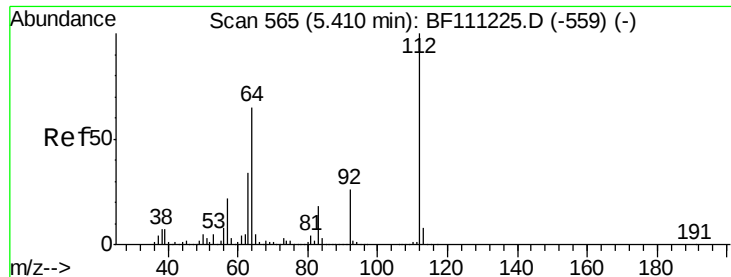
Tot Ion: 79 Resp: 2226094
 Ion Ratio Lower Upper
 79 100
 52 83.4 68.3 102.5
 51 38.5 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 47.595 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.10 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt Ion: 42 Resp: 1174042
 Ion Ratio Lower Upper
 42 100
 74 125.4 101.5 152.3
 44 7.2 6.0 9.0





#5

2-Fluorophenol

Concen: 113.418 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

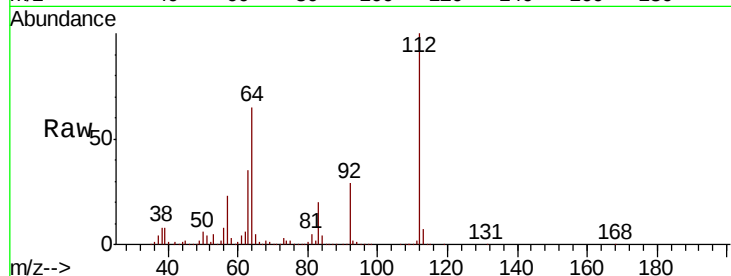
Tot Ion:112 Resp: 4813871

Ion Ratio Lower Upper

112 100

64 65.0 51.8 77.6

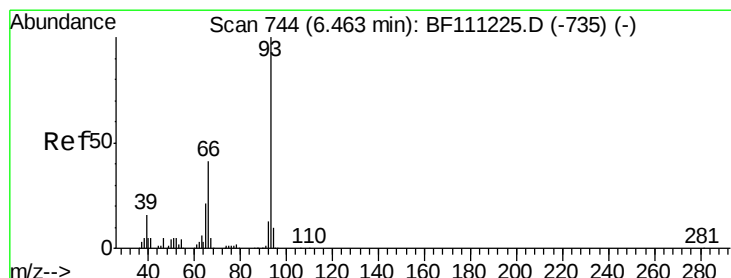
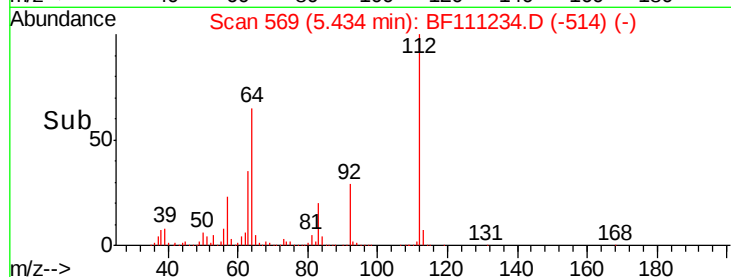
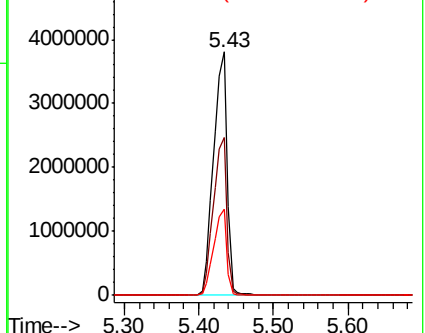
63 35.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.994 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

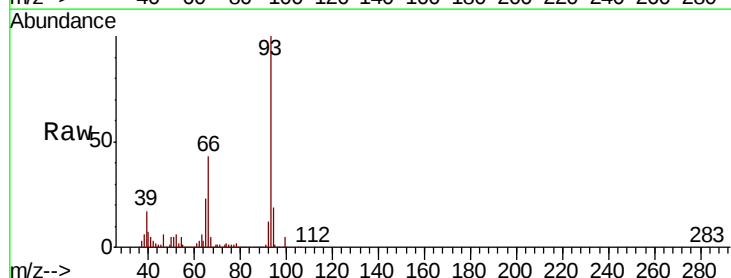
Tgt Ion: 93 Resp: 1335785

Ion Ratio Lower Upper

93 100

66 42.9 33.2 49.8

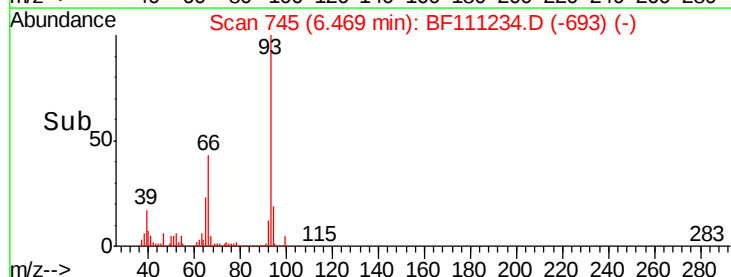
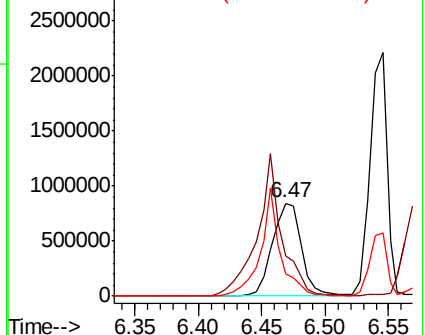
65 23.3 17.0 25.4

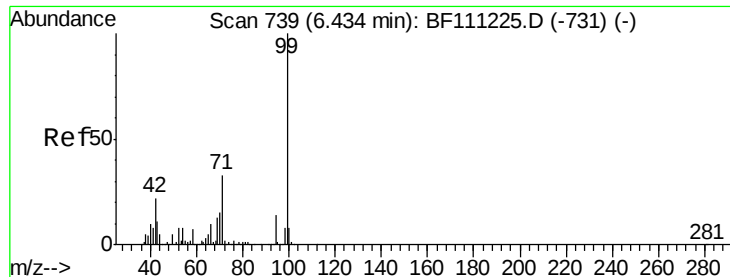


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.818 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampled :

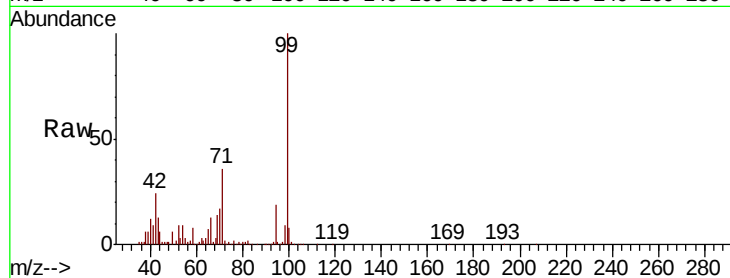
Tot Ion: 99 Resp: 6478266

Ion Ratio Lower Upper

99 100

42 24.3 17.4 26.0

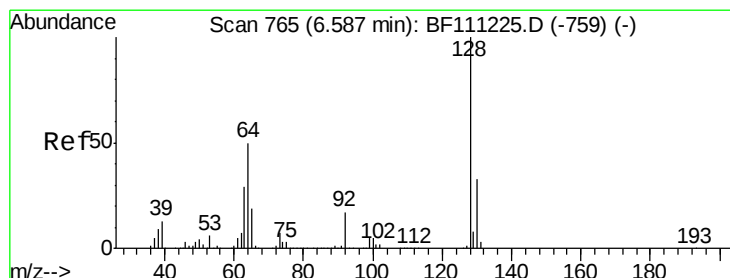
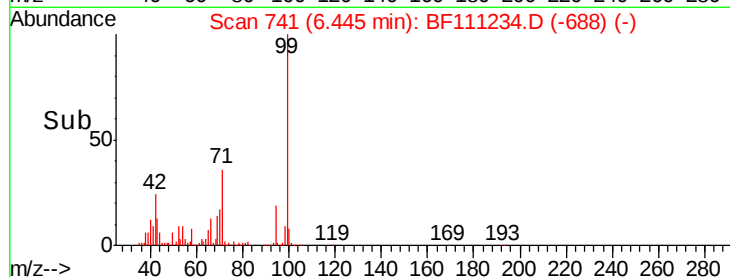
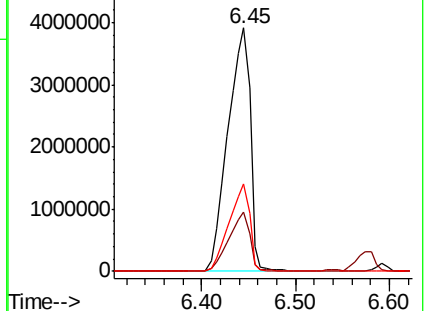
71 36.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.619 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

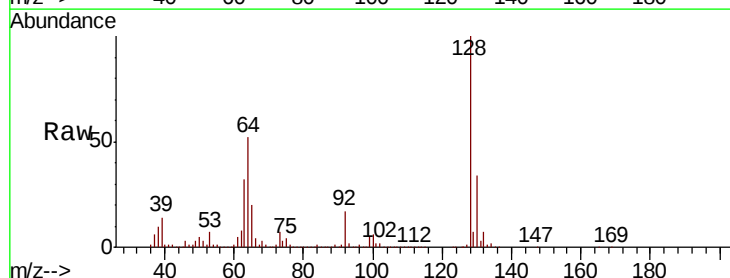
Tgt Ion:128 Resp: 2007904

Ion Ratio Lower Upper

128 100

130 34.5 12.7 52.7

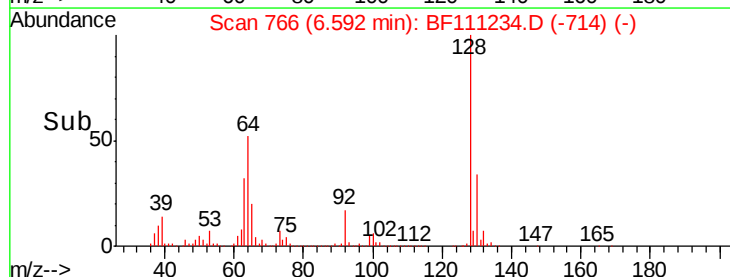
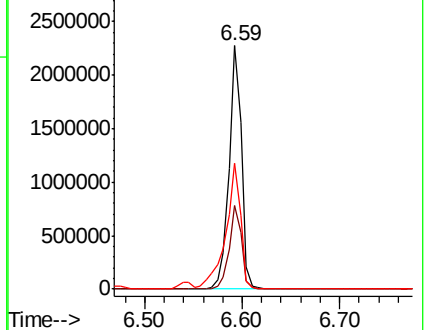
64 51.7 30.0 70.0

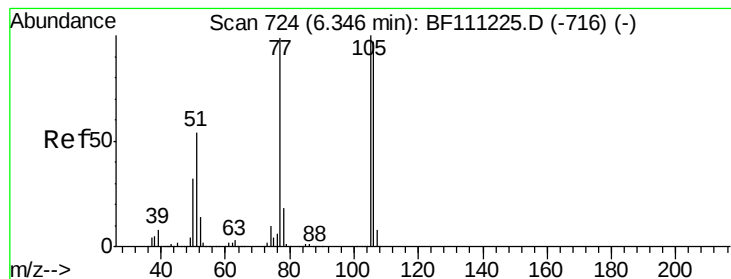


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.125 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

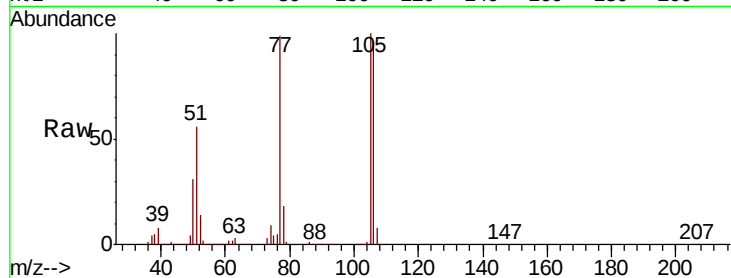
Tot Ion: 77 Resp: 911249

Ion Ratio Lower Upper

77 100

105 100.9 81.4 121.4

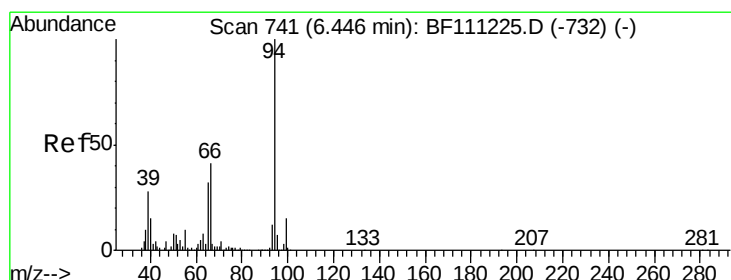
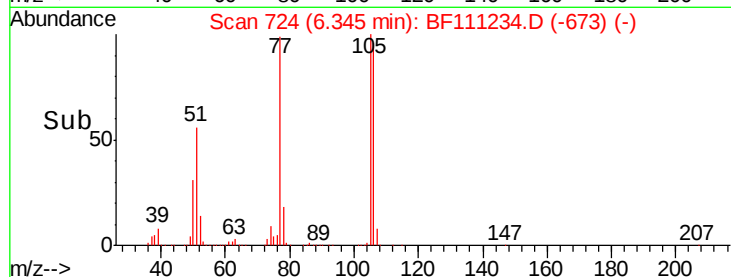
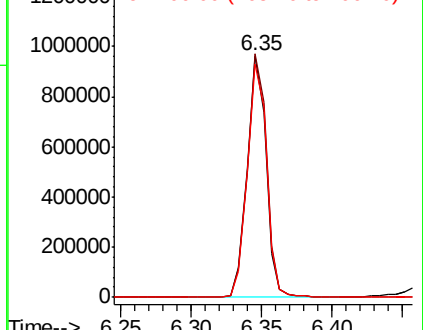
106 96.5 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.101 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

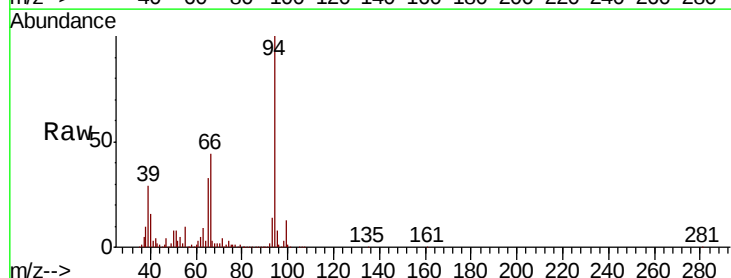
Tgt Ion: 94 Resp: 2719973

Ion Ratio Lower Upper

94 100

65 33.0 11.7 51.7

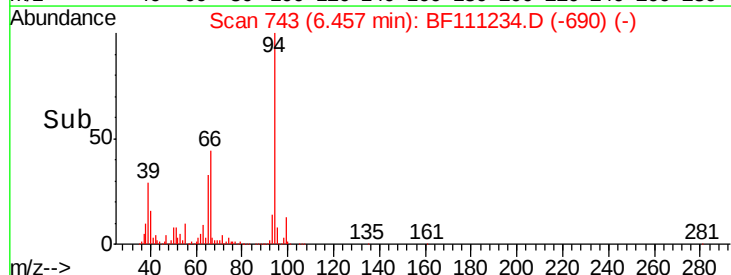
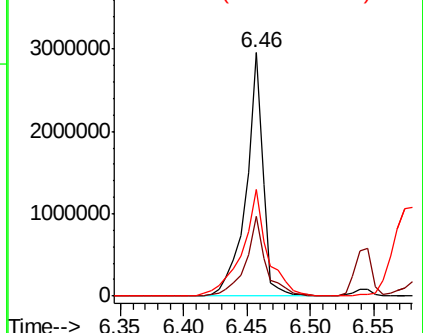
66 43.9 21.0 61.0

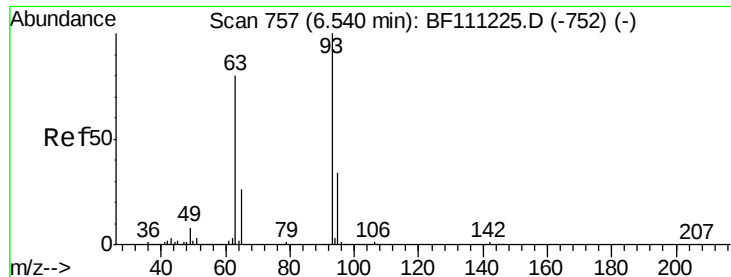


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

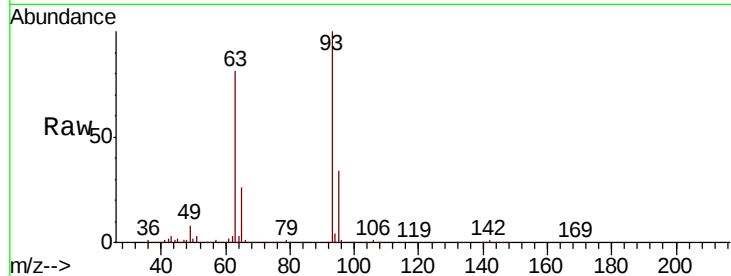




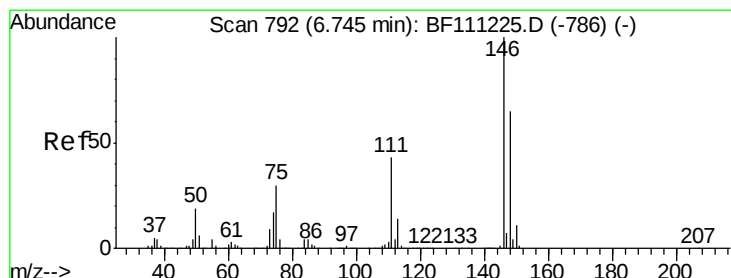
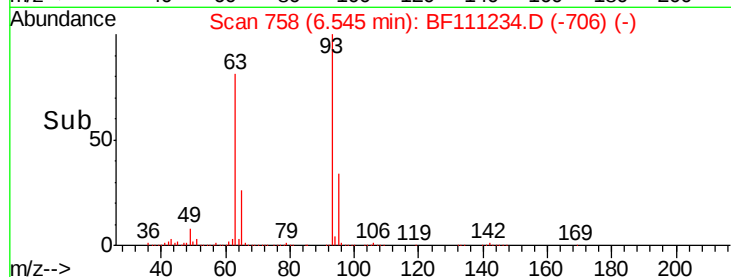
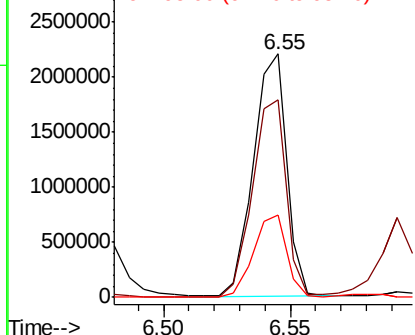
#11
bis(2-Chloroethyl)ether
Concen: 42.445 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 2024602
Ion Ratio Lower Upper
93 100
63 81.1 60.0 100.0
95 34.0 13.4 53.4

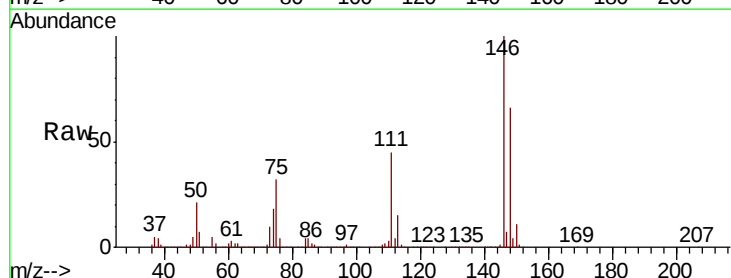


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

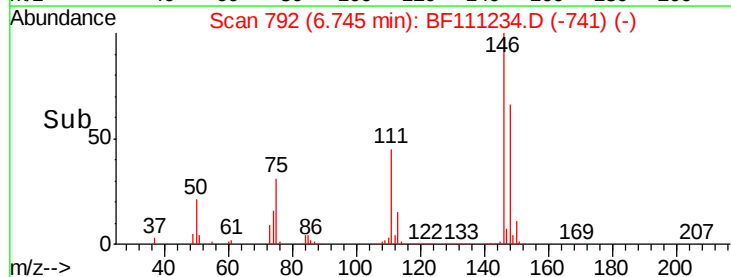
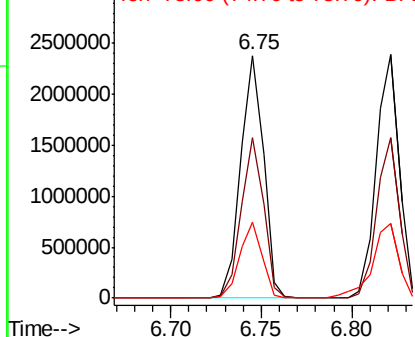


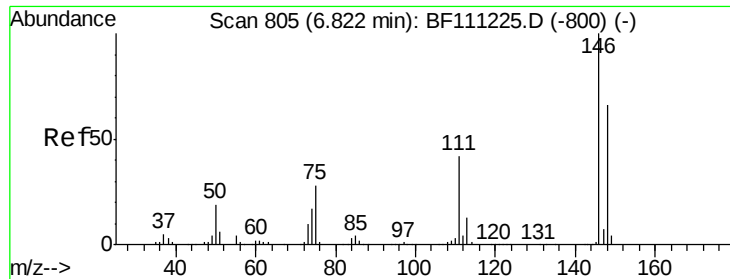
#12
1,3-Dichlorobenzene
Concen: 40.316 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion: 146 Resp: 2089903
Ion Ratio Lower Upper
146 100
148 65.9 52.1 78.1
75 31.5 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

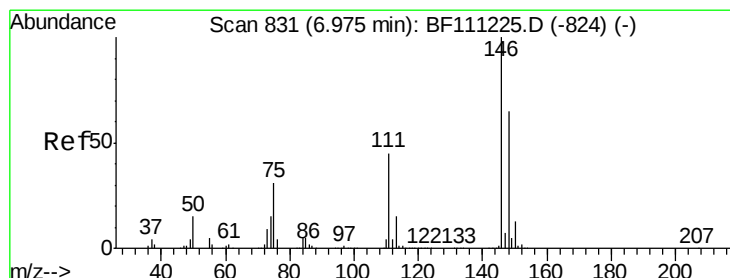
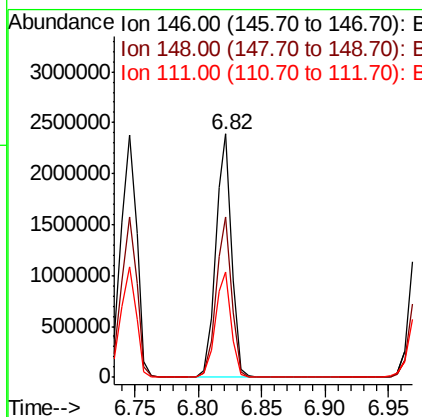
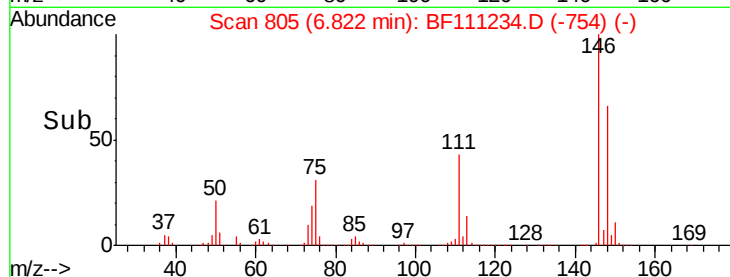
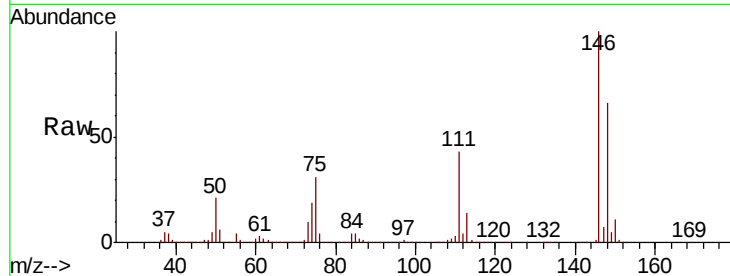




#13
 1,4-Dichlorobenzene
 Concen: 40.300 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

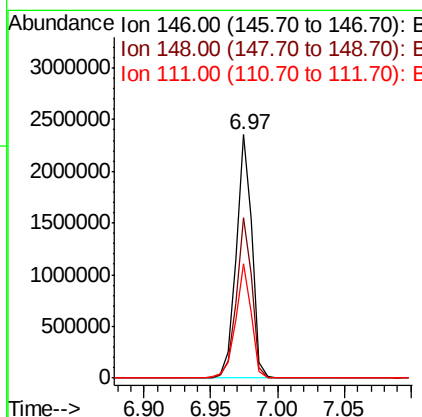
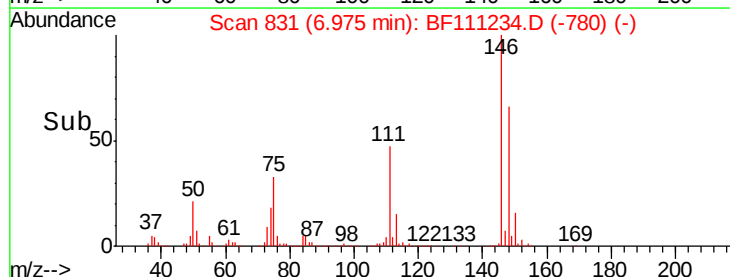
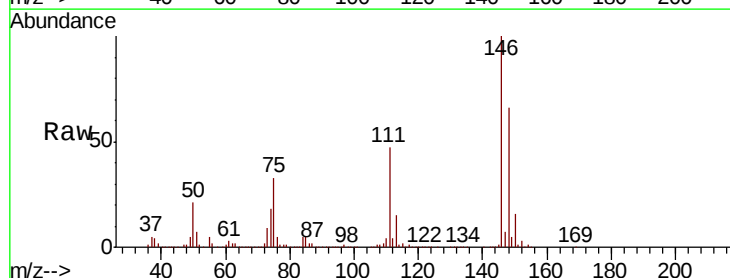
Instrument :
 BNA_F
 ClientSampled :

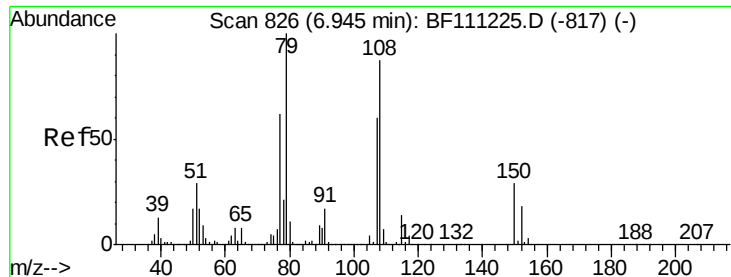
Tot Ion:146 Resp: 2109381
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.8 79.2
 111 43.4 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 39.812 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt Ion:146 Resp: 1943596
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.9 77.9
 111 46.9 36.2 54.4

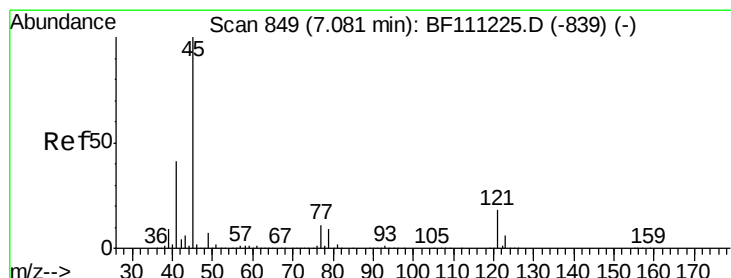
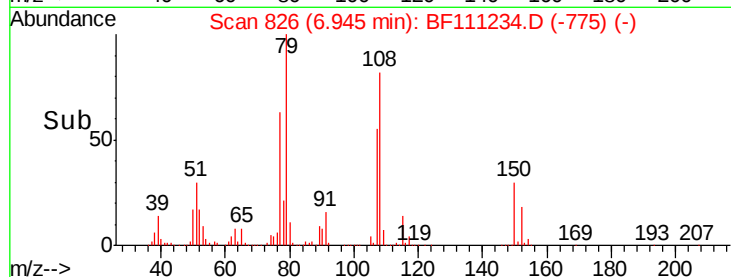
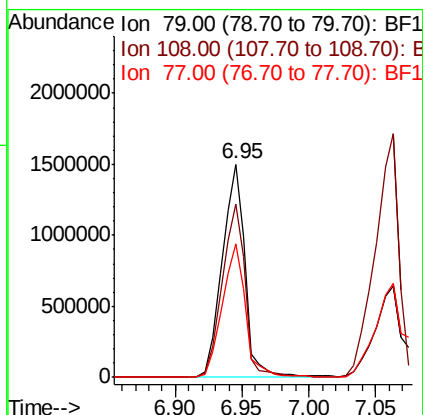
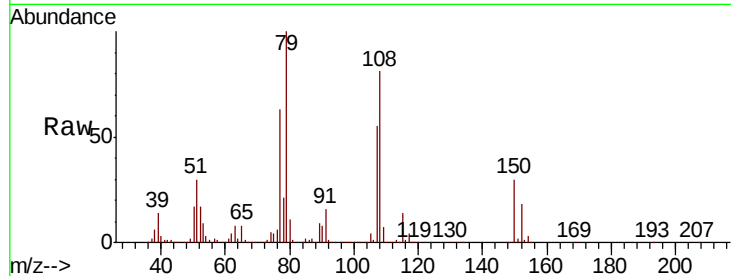




#15
Benzyl Alcohol
Concen: 43.599 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

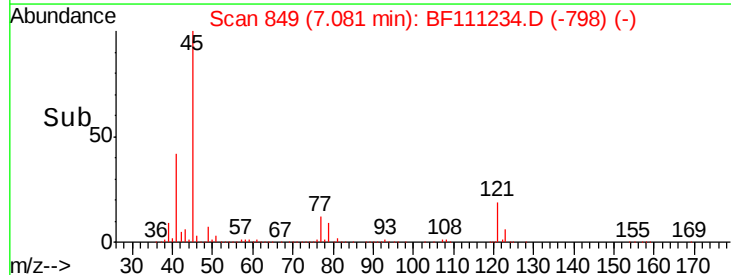
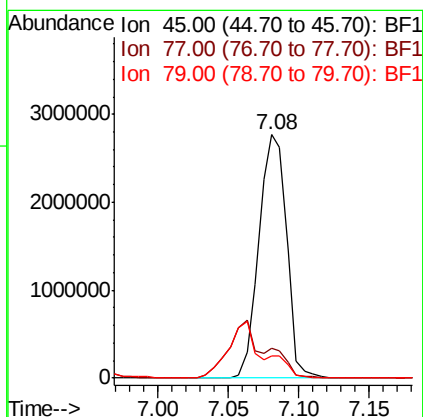
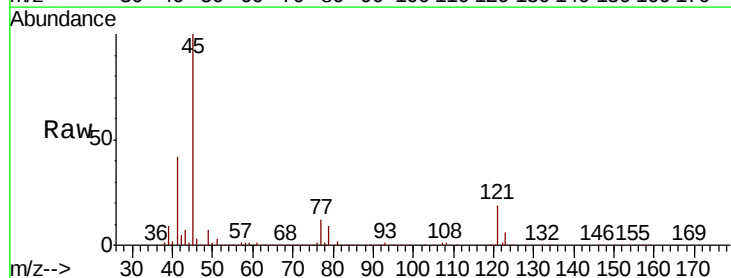
Instrument :
BNA_F
ClientSampled :

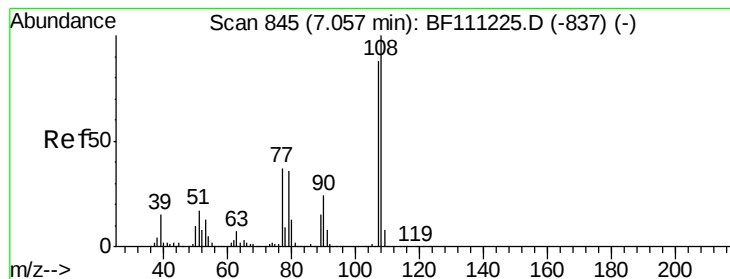
Tot Ion: 79 Resp: 1819871
Ion Ratio Lower Upper
79 100
108 81.5 69.4 104.2
77 62.6 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.899 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion: 45 Resp: 3831103
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.5
79 9.2 0.0 28.9

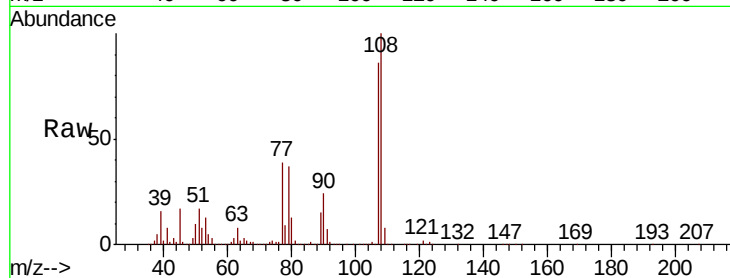




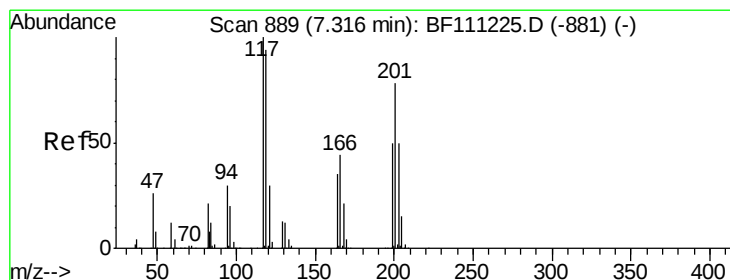
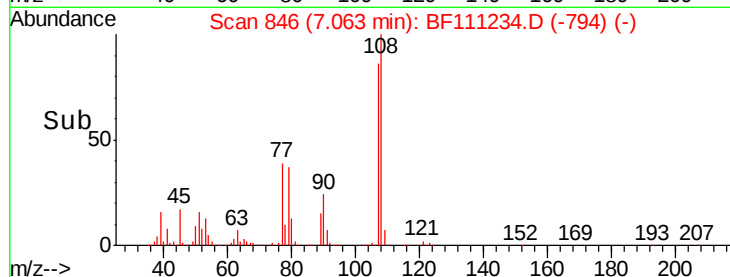
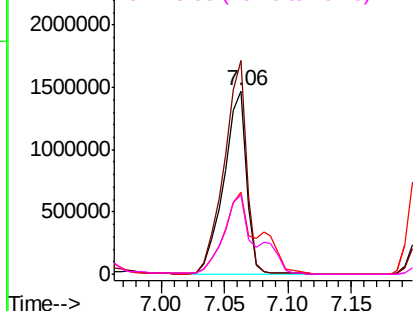
#17
2-Methylphenol
Concen: 46.523 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1832449
Ion Ratio Lower Upper
107 100
108 116.6 91.0 136.4
77 45.0 33.5 50.3
79 43.7 33.3 49.9

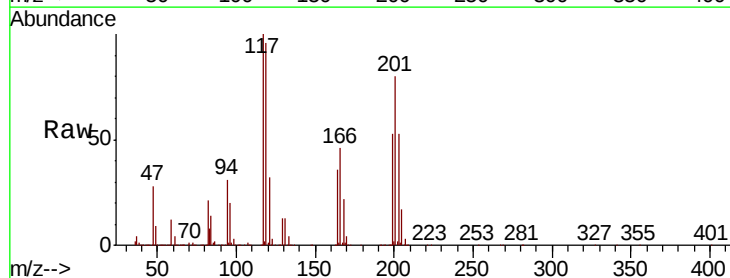


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

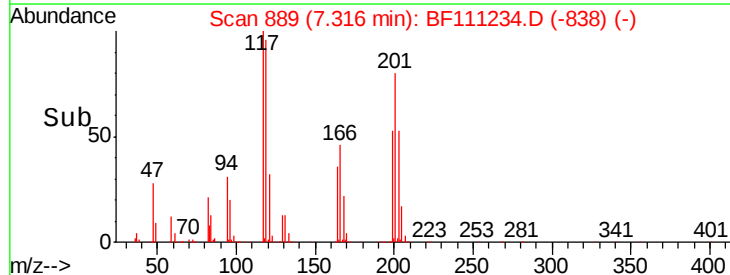
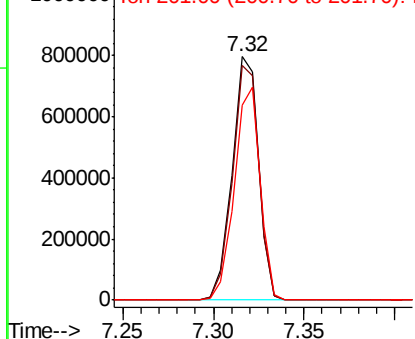


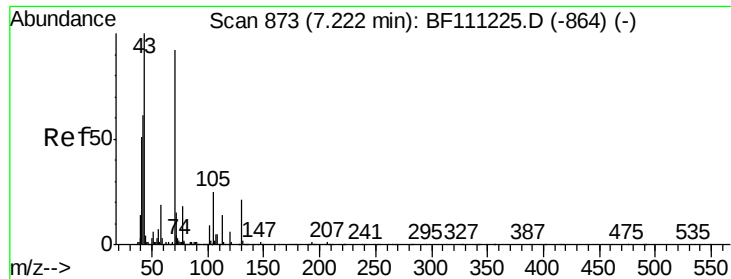
#18
Hexachloroethane
Concen: 40.483 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:117 Resp: 806761
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0
201 80.3 62.4 93.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

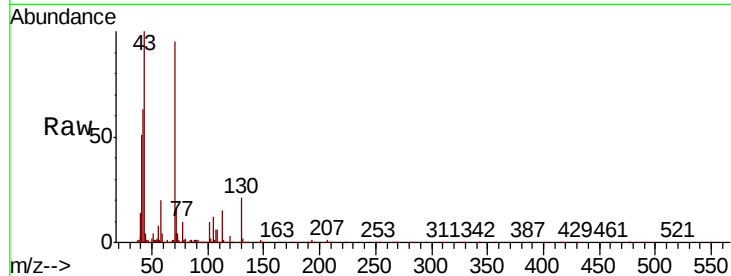




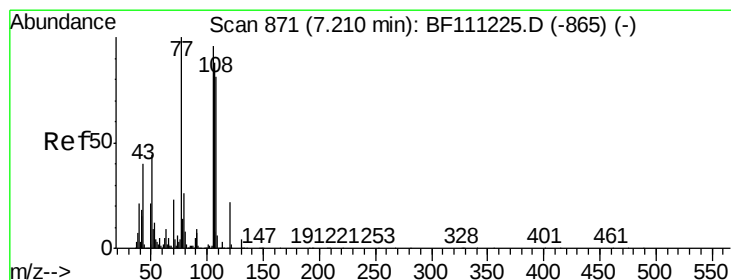
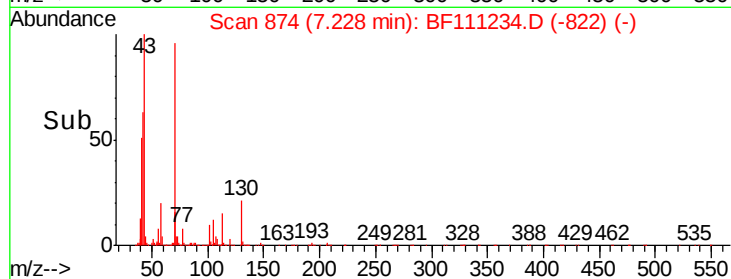
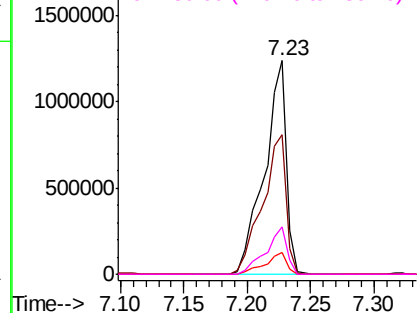
#19
n-Nitroso-di-n-propylamine
Concen: 42.210 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1491452
Ion Ratio Lower Upper
70 100
42 65.6 53.2 79.8
101 10.2 8.2 12.4
130 22.4 18.1 27.1

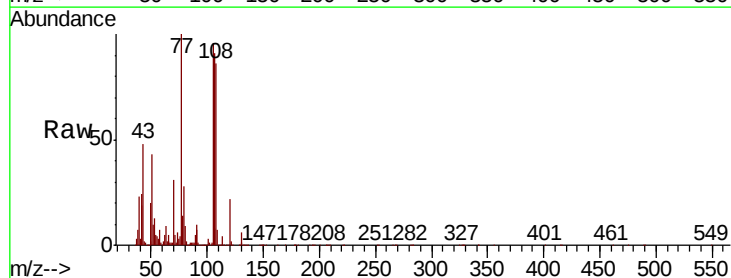


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

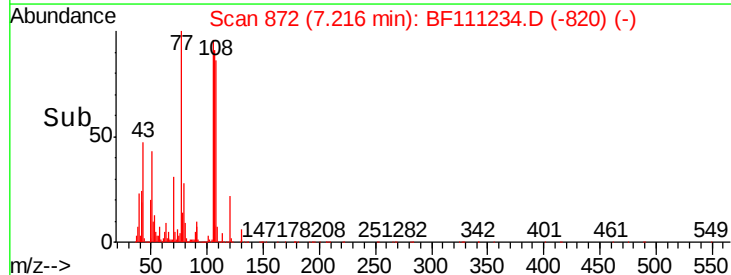
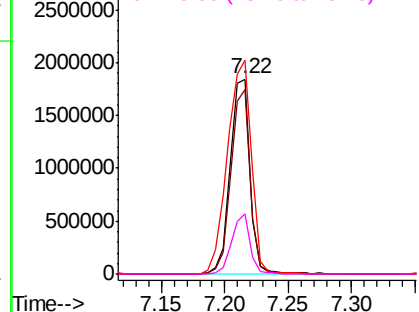


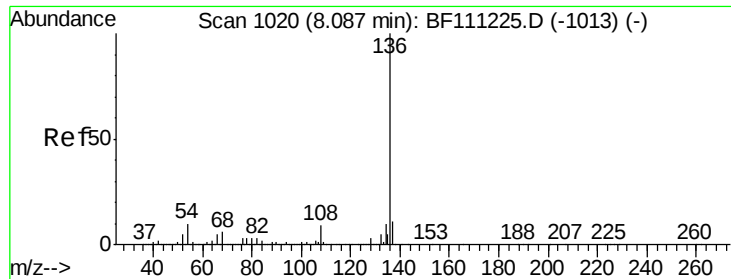
#20
3+4-Methylphenols
Concen: 42.192 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:107 Resp: 1976689
Ion Ratio Lower Upper
107 100
108 94.9 72.1 112.1
77 109.8 94.1 134.1
79 31.0 9.8 49.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

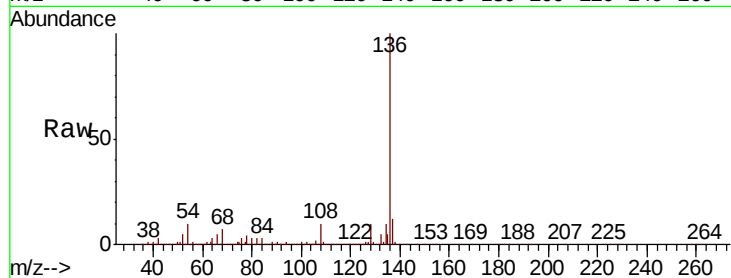




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 2636204
Ion Ratio	Lower Upper
136 100	
137 11.7	9.1 13.7
54 9.8	7.7 11.5
68 6.7	4.9 7.3



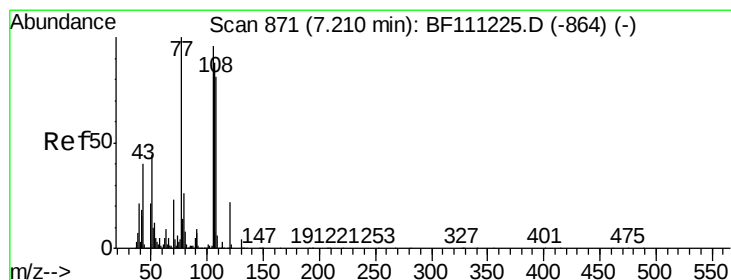
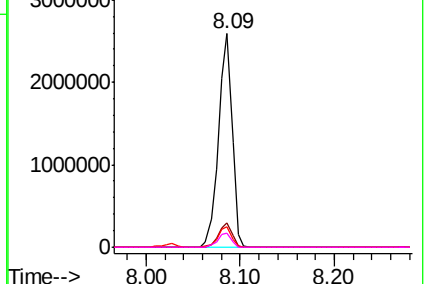
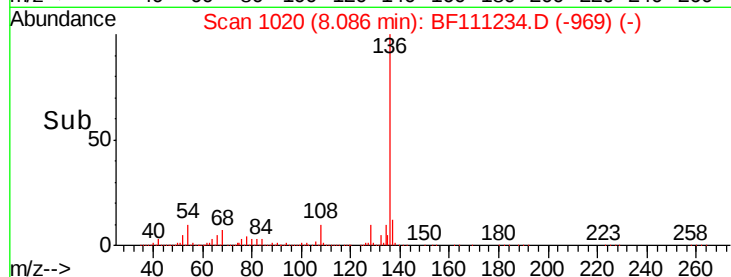
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

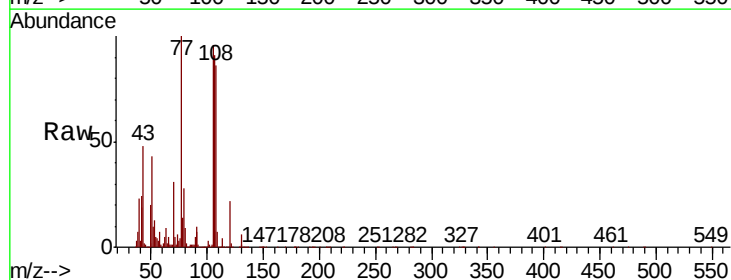
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.097 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt	Ion:105	Resp:	2720194
Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.1	4.7#
51	45.1	36.6	54.8
120	23.2	18.2	27.4



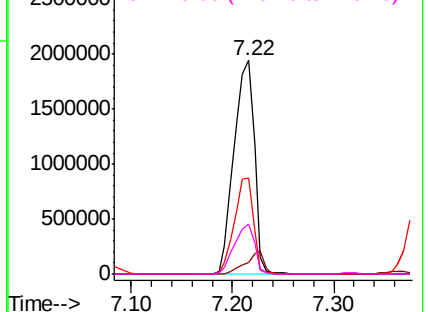
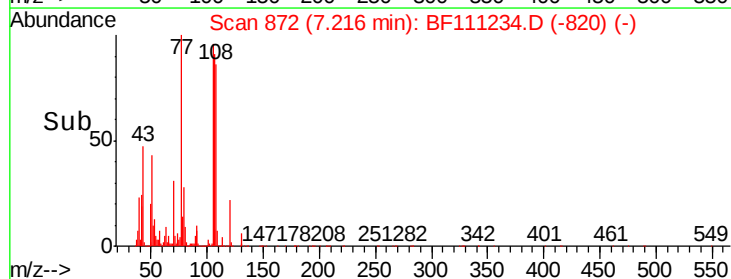
Abundance

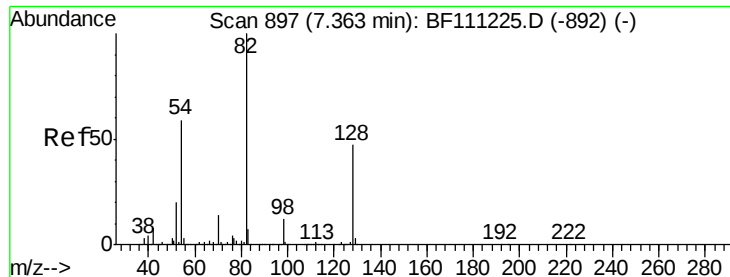
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

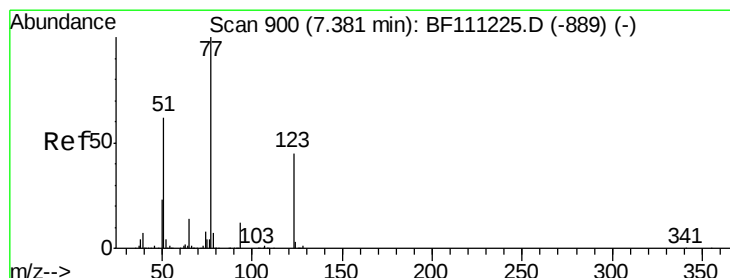
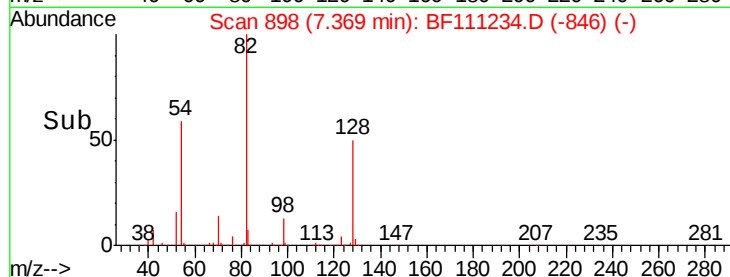
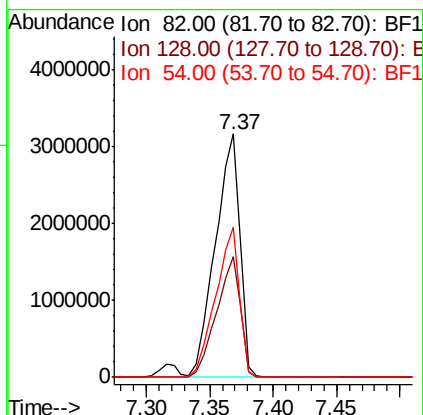
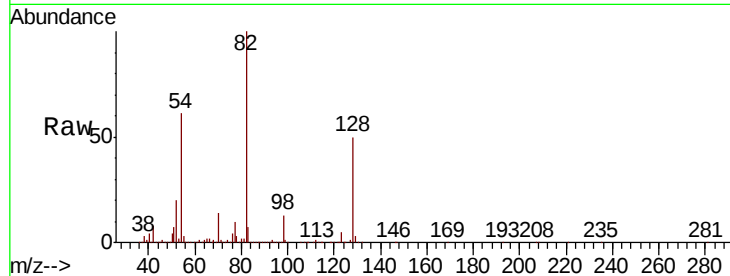




#23
 Nitrobenzene-d5
 Concen: 91.027 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

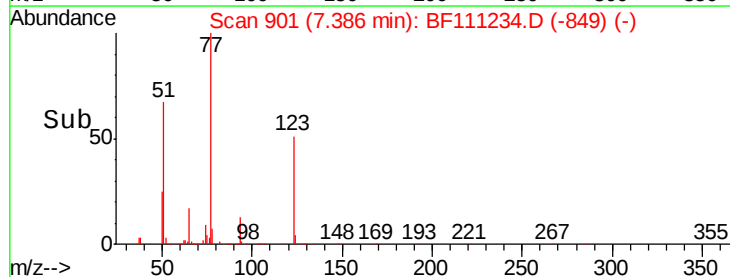
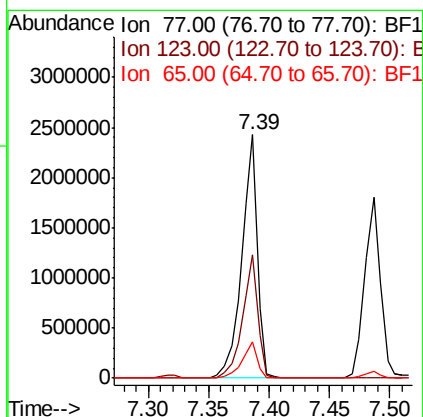
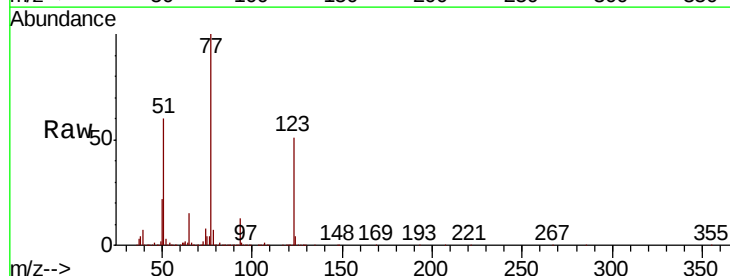
Instrument :
 BNA_F
 ClientSampled :

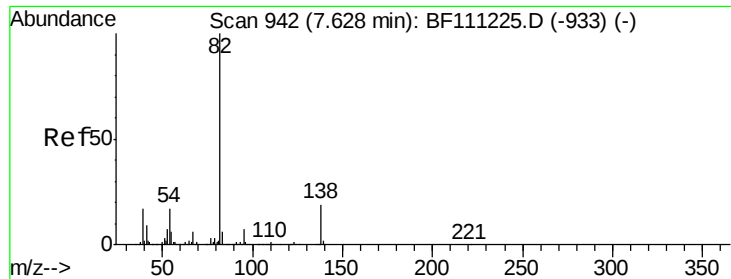
Tot Ion: 82 Resp: 4278353
 Ion Ratio Lower Upper
 82 100
 128 49.6 37.4 56.2
 54 61.4 47.6 71.4



#24
 Nitrobenzene
 Concen: 44.593 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt Ion: 77 Resp: 2181364
 Ion Ratio Lower Upper
 77 100
 123 50.6 37.2 55.8
 65 14.7 11.5 17.3





#25

Isophorone

Concen: 51.271 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

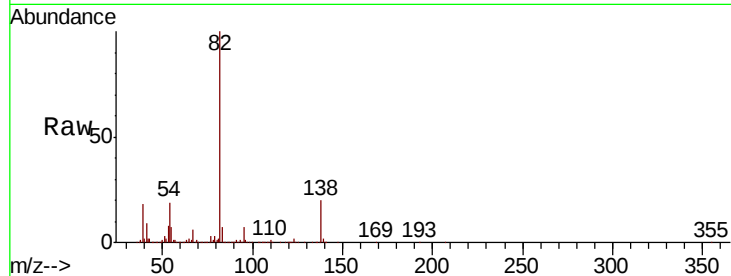
Tot Ion: 82 Resp: 4104389

Ion Ratio Lower Upper

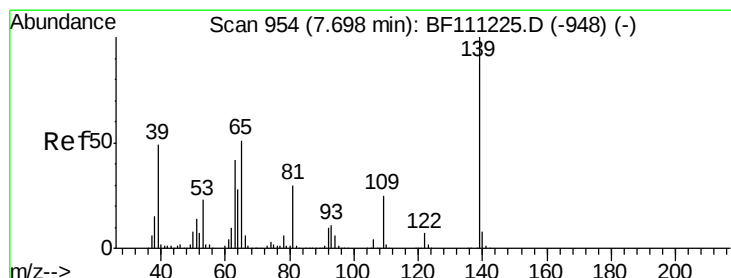
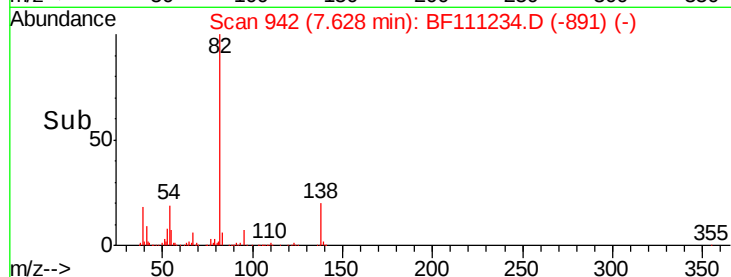
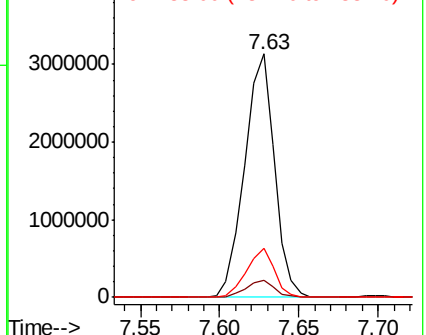
82 100

95 7.2 5.4 8.2

138 19.9 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.421 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

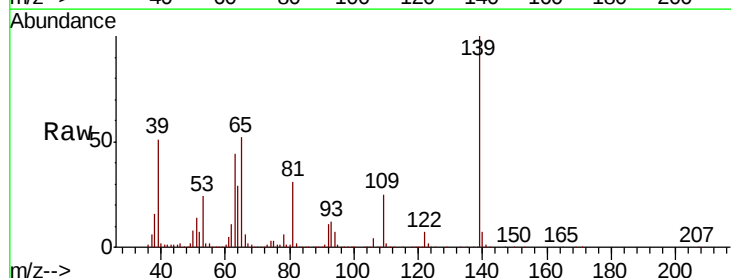
Tgt Ion: 139 Resp: 1128242

Ion Ratio Lower Upper

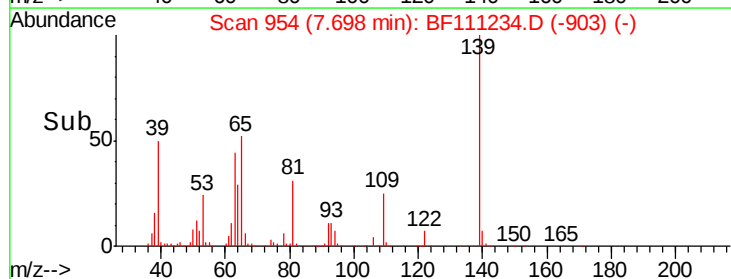
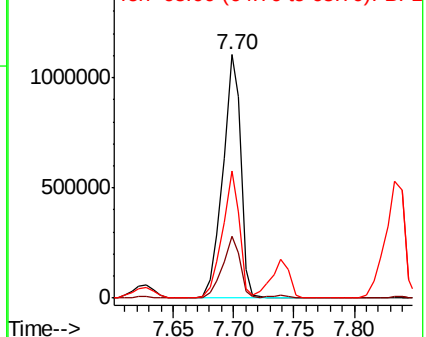
139 100

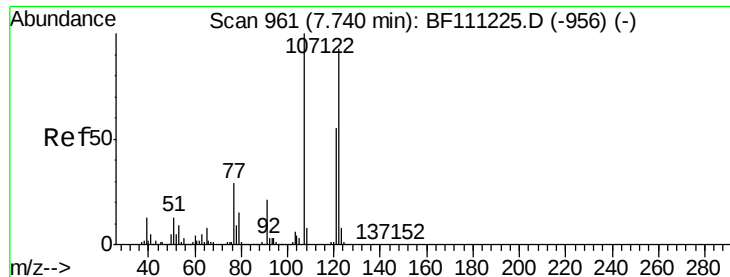
109 25.5 20.2 30.4

65 52.4 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.470 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

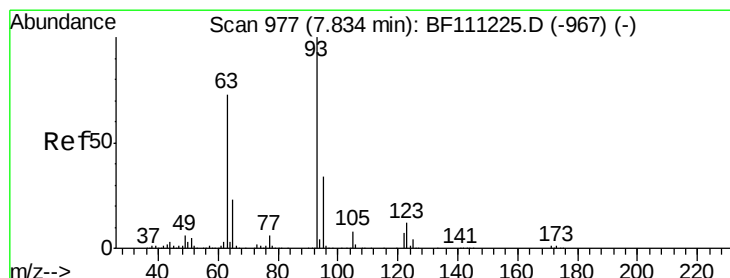
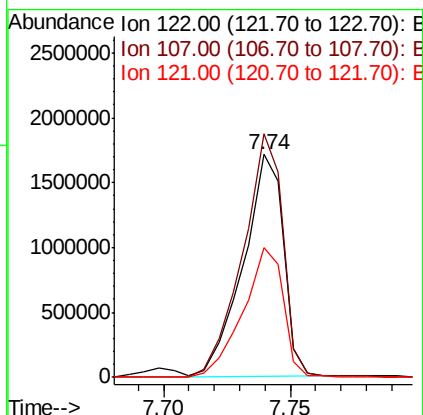
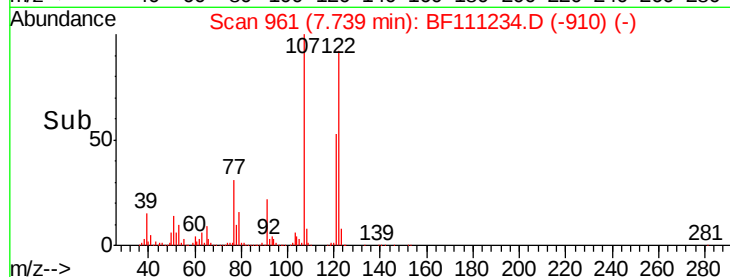
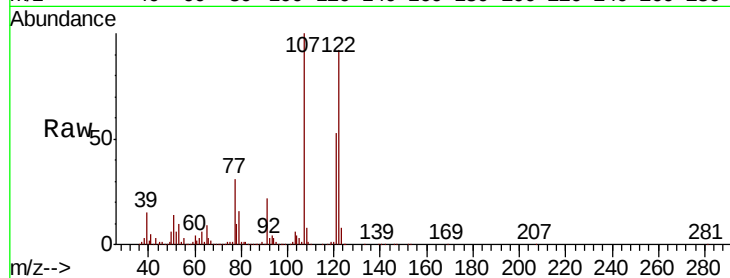
Tot Ion:122 Resp: 1895487

Ion Ratio Lower Upper

122 100

107 109.2 85.5 128.3

121 58.3 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.144 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

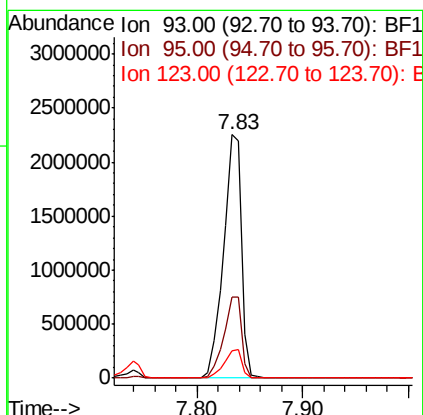
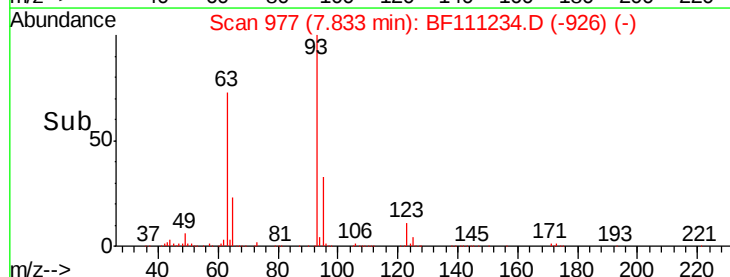
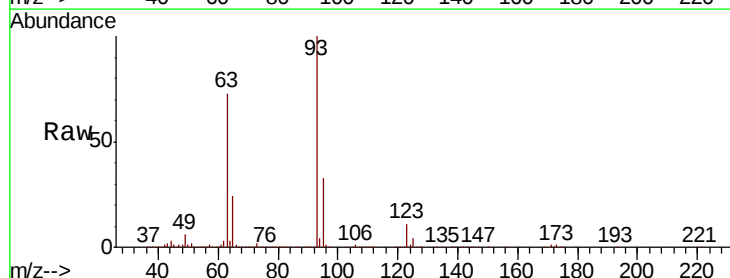
Tgt Ion: 93 Resp: 2668860

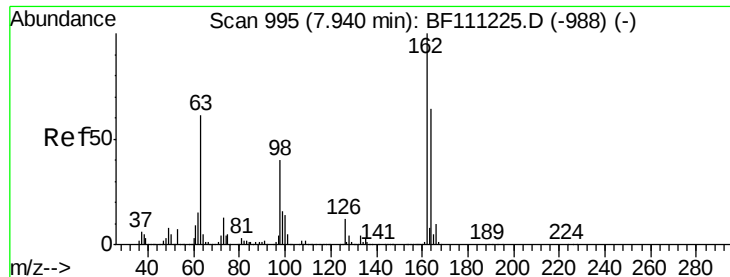
Ion Ratio Lower Upper

93 100

95 33.4 27.1 40.7

123 11.3 9.9 14.9

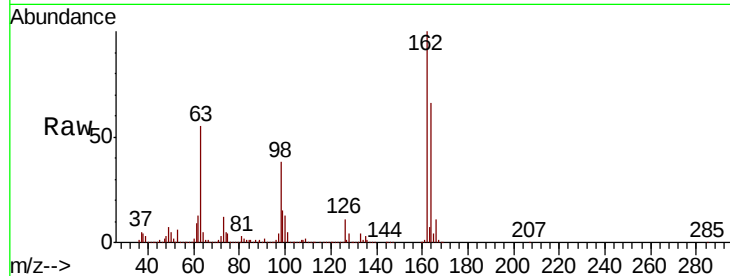




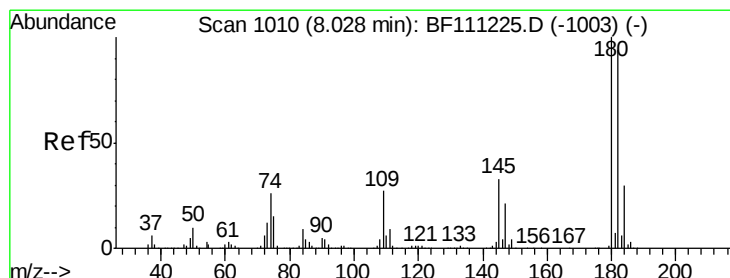
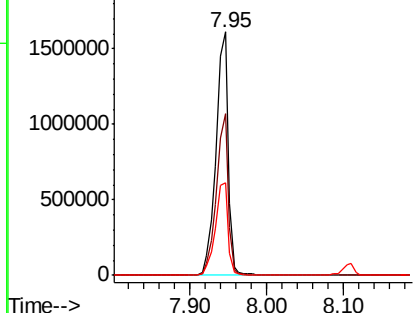
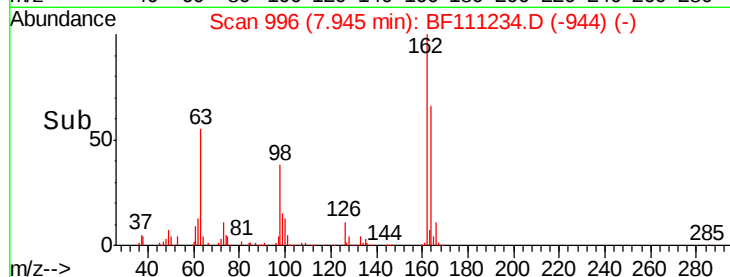
#29
 2,4-Dichlorophenol
 Concen: 45.552 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1749286
 Ion Ratio Lower Upper
 162 100
 164 66.3 44.4 84.4
 98 38.0 20.3 60.3

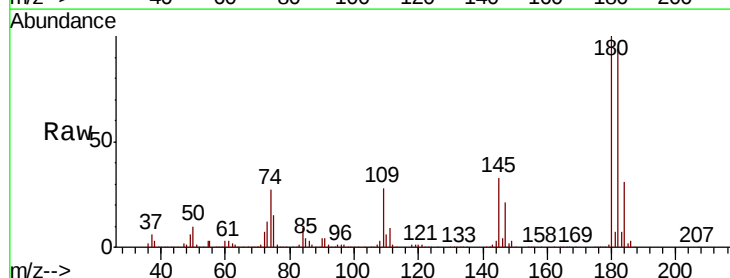


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

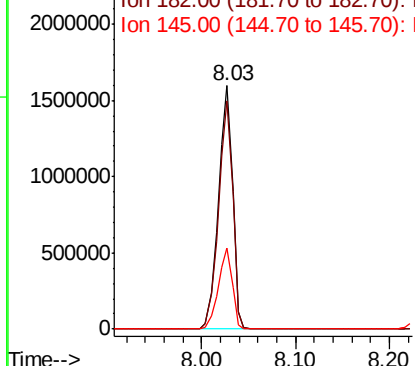
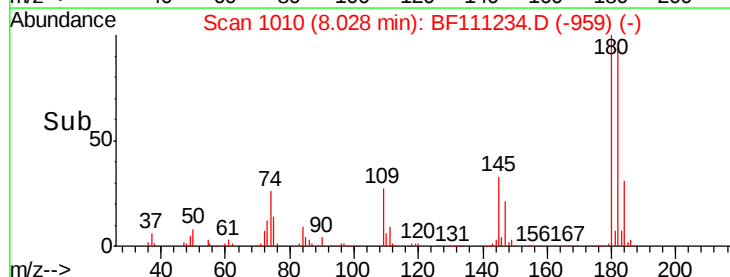


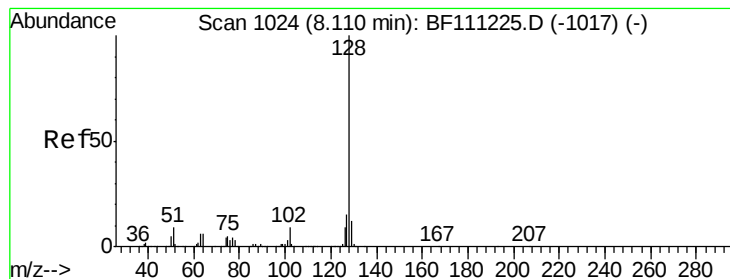
#30
 1,2,4-Trichlorobenzene
 Concen: 44.368 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt Ion:180 Resp: 1678293
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.6 113.4
 145 33.2 26.7 40.1



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: 46.085 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

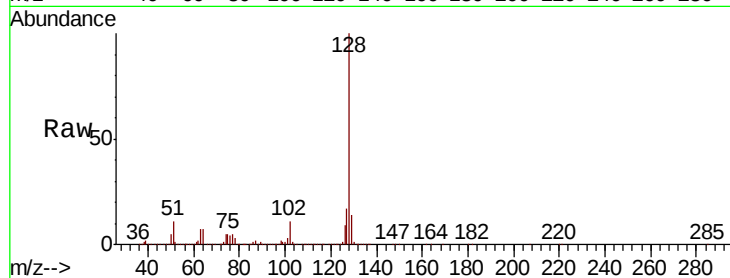
Tot Ion:128 Resp: 5302296

Ion Ratio Lower Upper

128 100

129 13.7 9.8 14.8

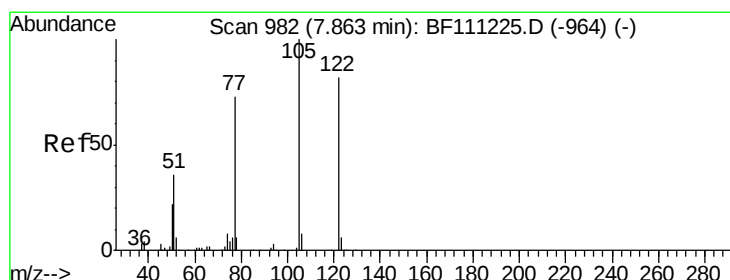
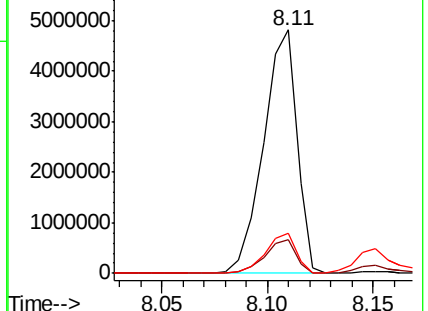
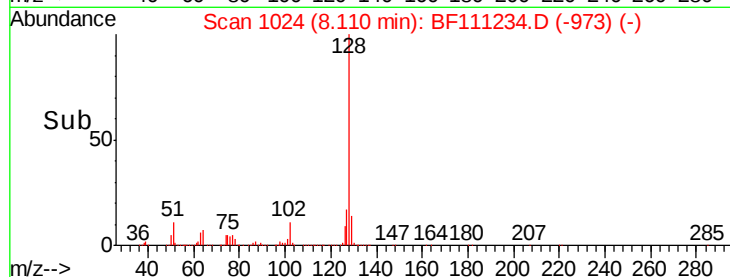
127 16.6 12.0 18.0



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: 61.033 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.12 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

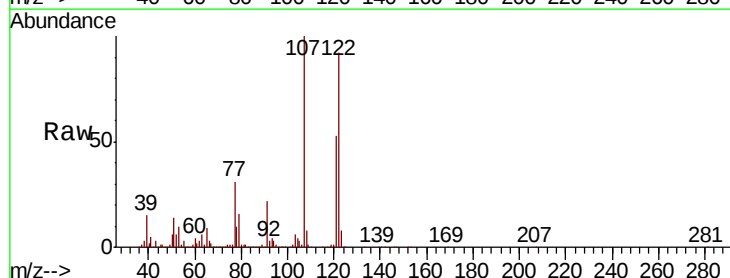
Tgt Ion:122 Resp: 1895487

Ion Ratio Lower Upper

122 100

105 3.8 97.0 137.0#

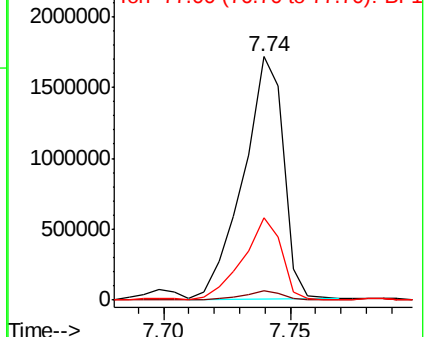
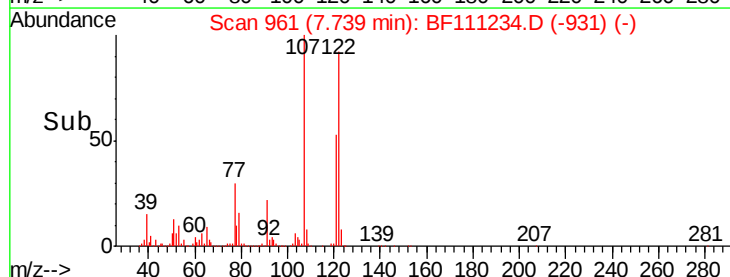
77 33.9 65.7 105.7#

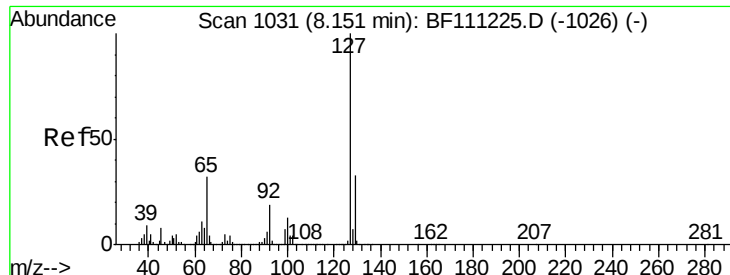


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

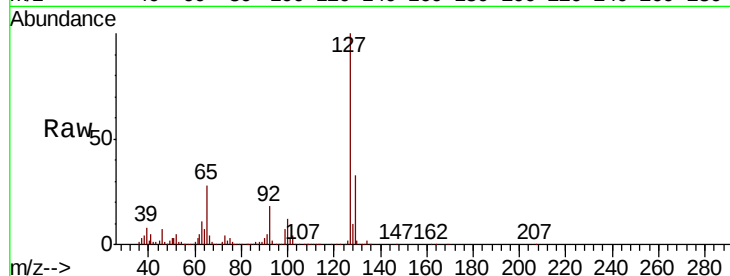




#33
4-Chloroaniline
Concen: 11.119 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	614424
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	39.8
65	28.4	25.7	38.5
92	18.0	15.4	23.2



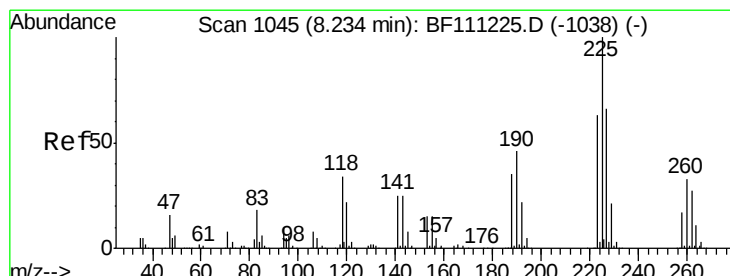
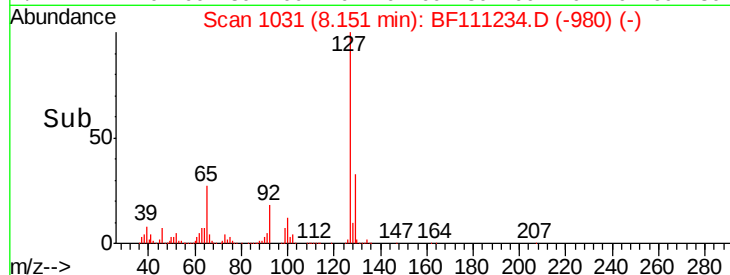
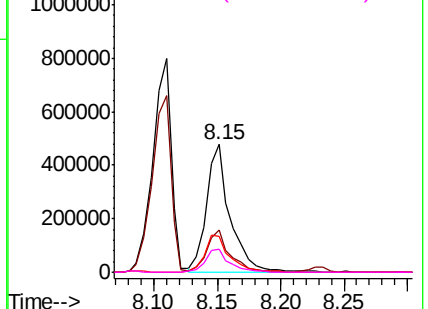
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

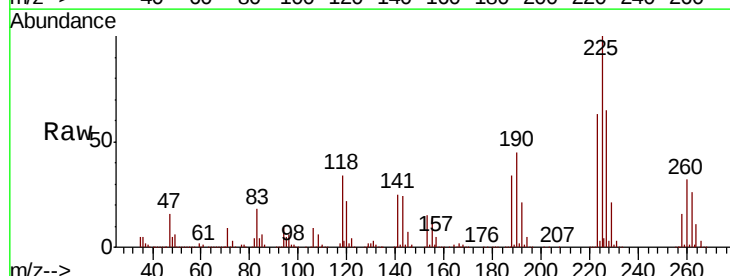
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.719 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:	225	Resp:	871112
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	64.5	52.6	78.8

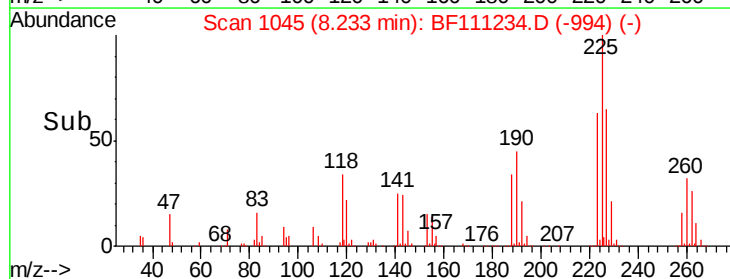
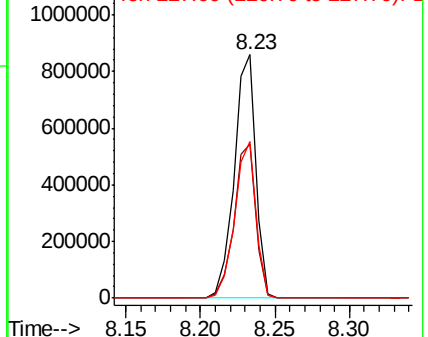


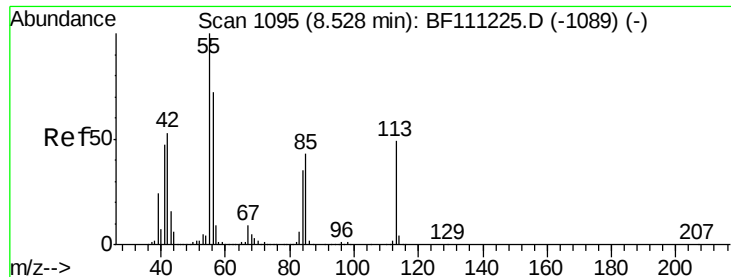
Abundance

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

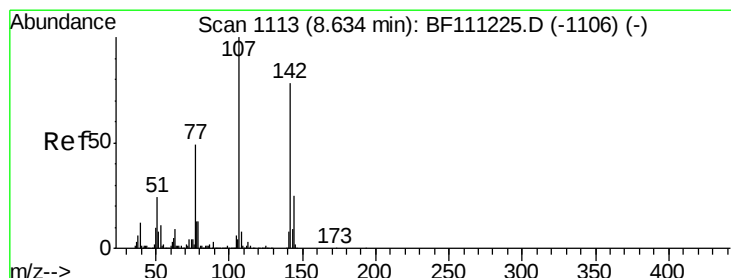
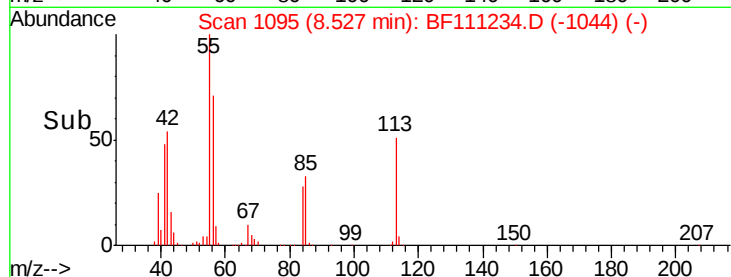
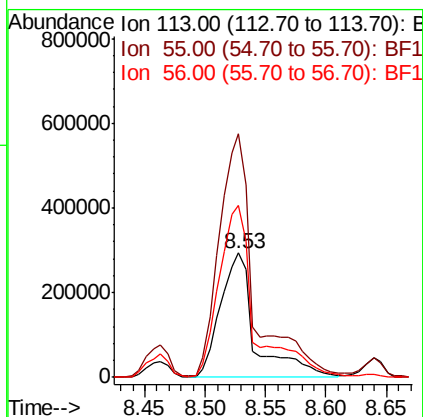
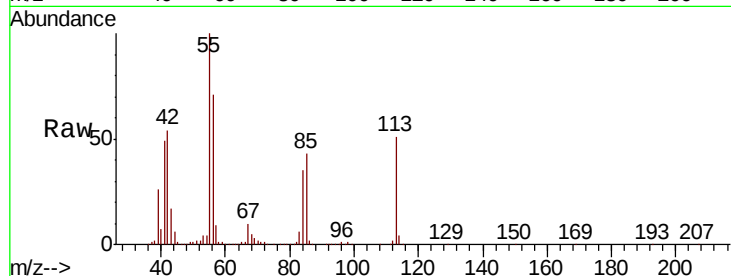




#35
 Caprolactam
 Concen: 43.042 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

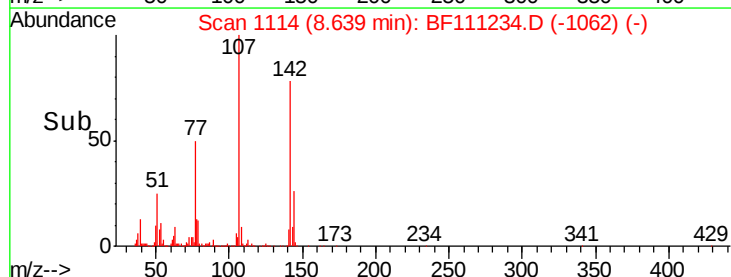
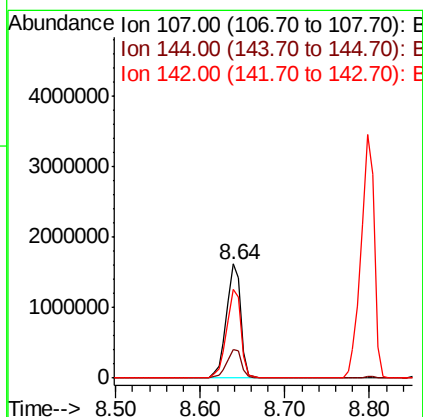
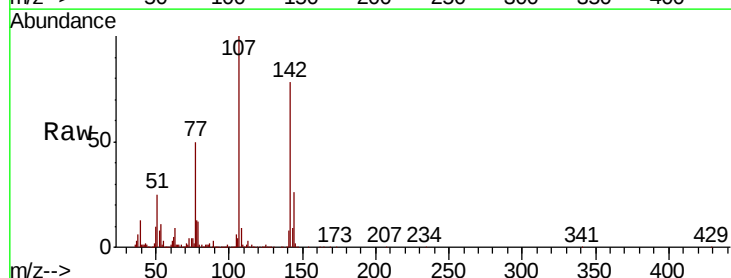
Instrument :
 BNA_F
 ClientSampleId :

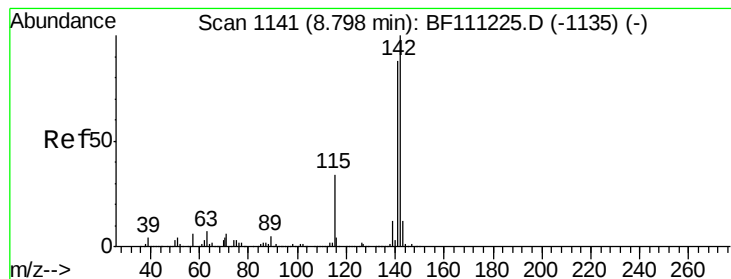
Tot Ion:113 Resp: 585718
 Ion Ratio Lower Upper
 113 100
 55 196.3 184.1 224.1
 56 138.9 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 48.203 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt Ion:107 Resp: 1895254
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.8 29.6
 142 77.6 62.3 93.5

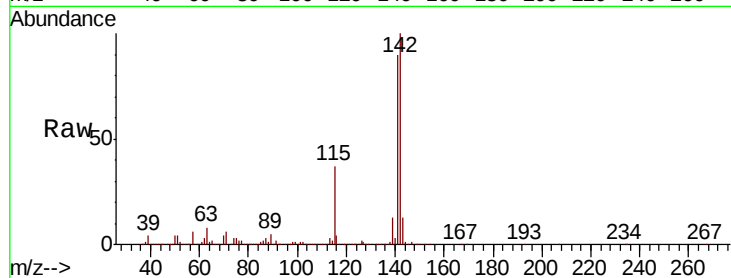




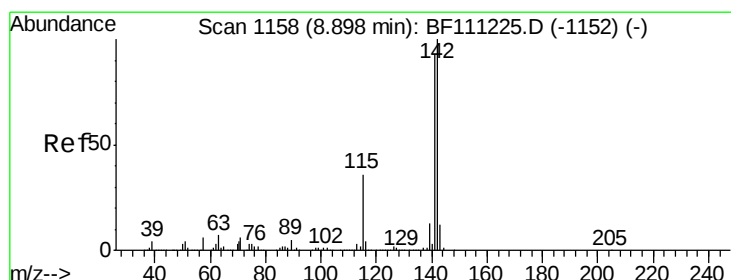
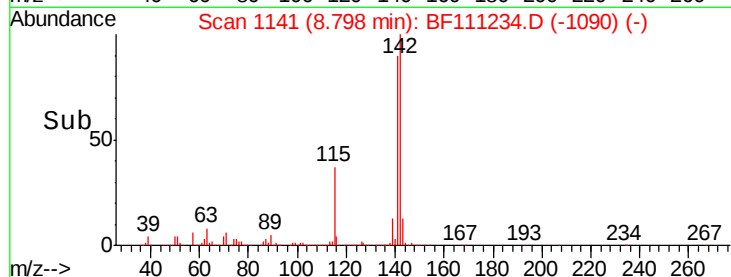
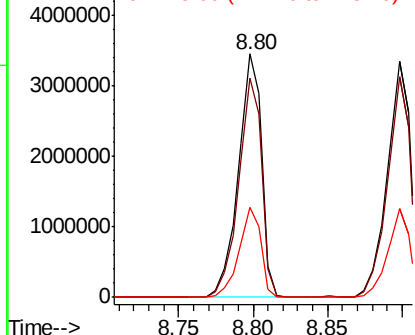
#37
2-Methylnaphthalene
Concen: 48.612 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 3713339
Ion Ratio Lower Upper
142 100
141 90.3 70.6 105.8
115 36.7 27.0 40.6

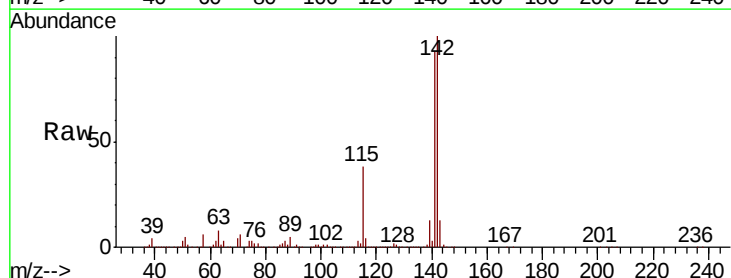


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

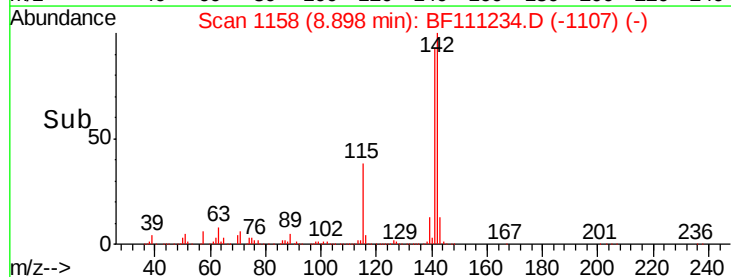
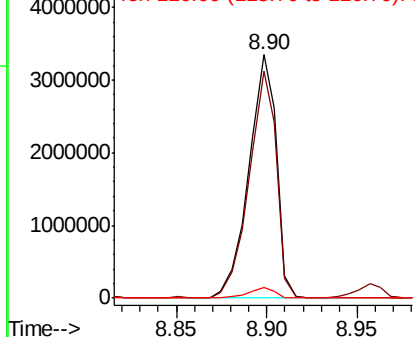


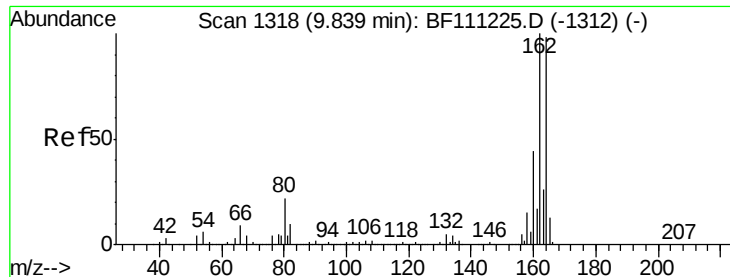
#38
1-Methylnaphthalene
Concen: 47.124 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:142 Resp: 3525155
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4
116 4.1 2.9 4.3



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

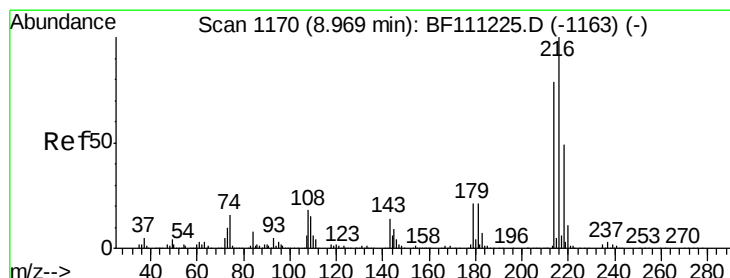
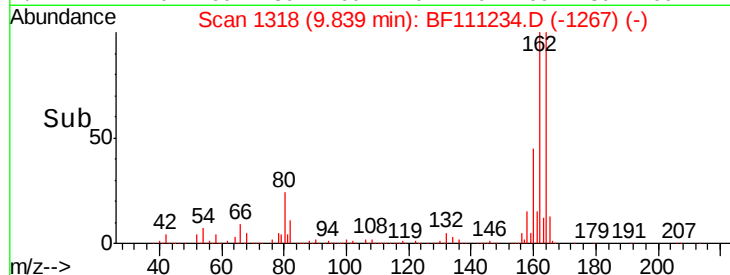
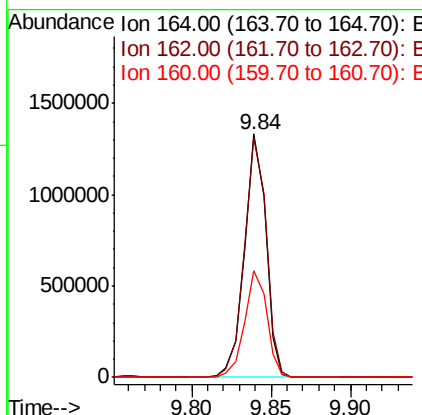
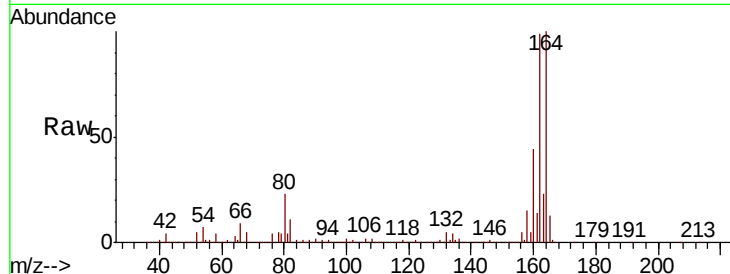




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

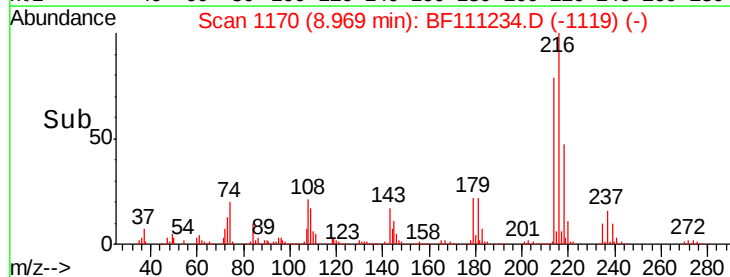
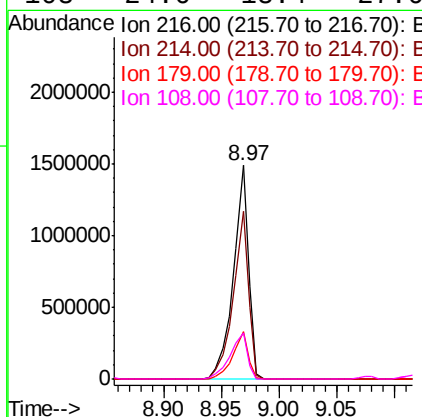
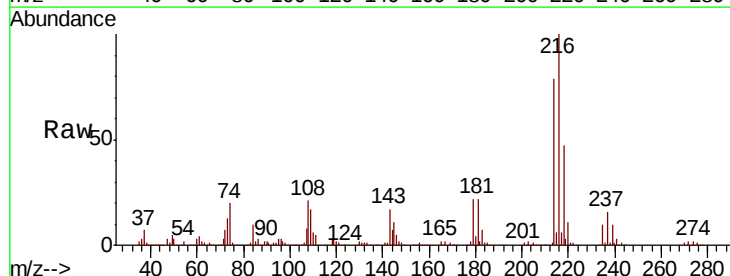
Instrument :
BNA_F
ClientSampleId :

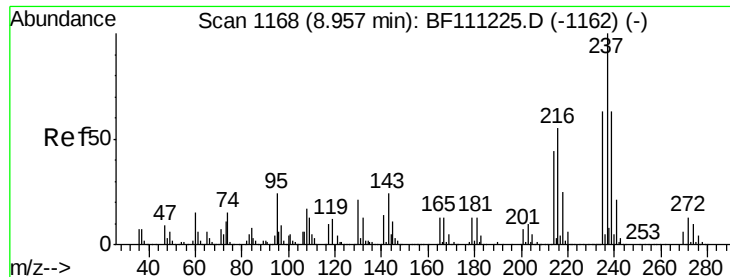
Tot Ion:164 Resp: 1243262
Ion Ratio Lower Upper
164 100
162 98.5 81.4 122.0
160 44.0 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.162 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:216 Resp: 1354764
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.8
179 22.1 17.9 26.9
108 24.6 18.4 27.6





#41

Hexachlorocyclopentadiene

Concen: 69.017 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

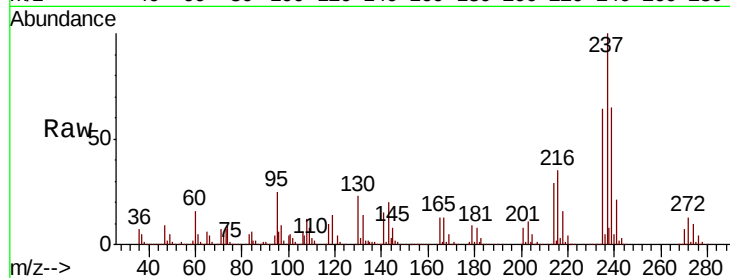
Tot Ion:237 Resp: 1359728

Ion Ratio Lower Upper

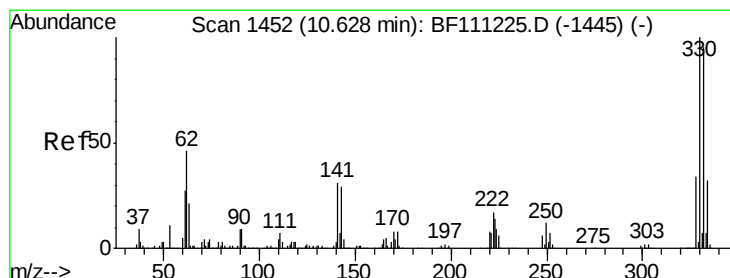
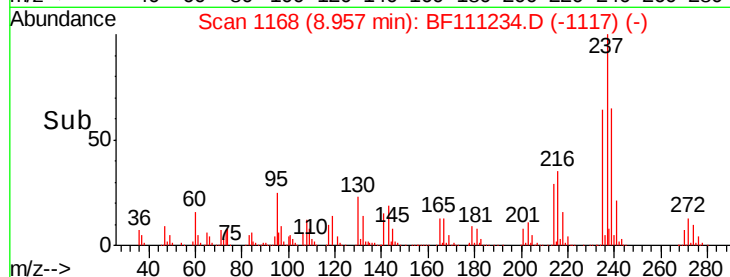
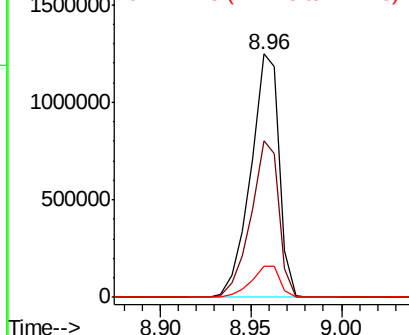
237 100

235 64.2 43.1 83.1

272 12.7 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 114.942 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

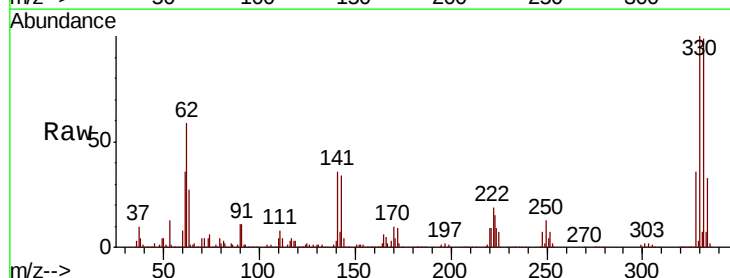
Tgt Ion:330 Resp: 1265846

Ion Ratio Lower Upper

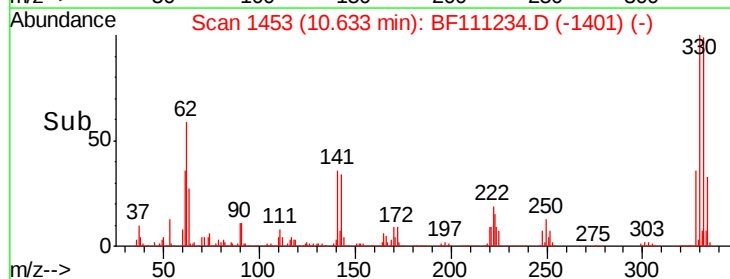
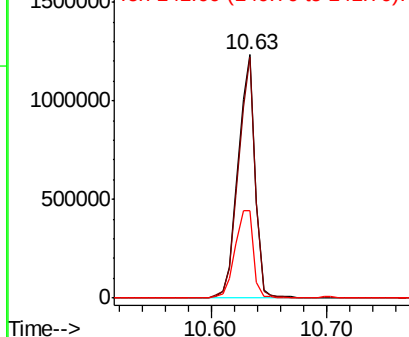
330 100

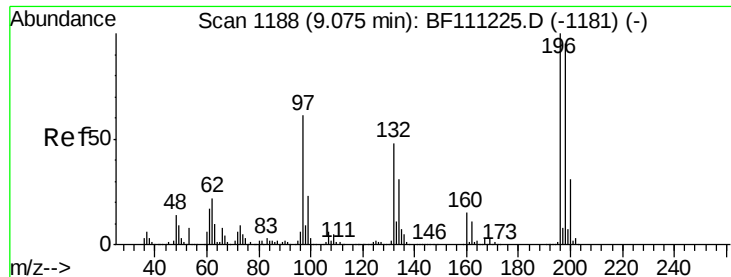
332 97.6 76.0 114.0

141 39.3 31.0 46.6



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

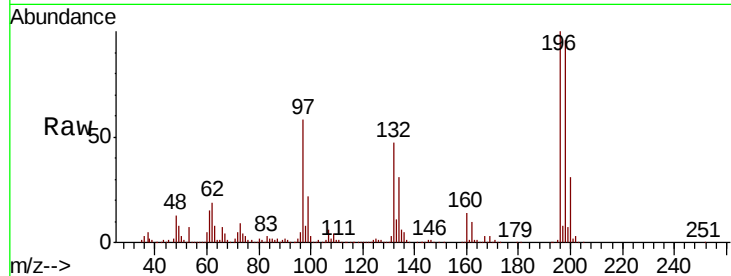




#43
 2,4,6-Trichlorophenol
 Concen: 40.407 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 1049263
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.3 114.5
 200 31.5 24.9 37.3

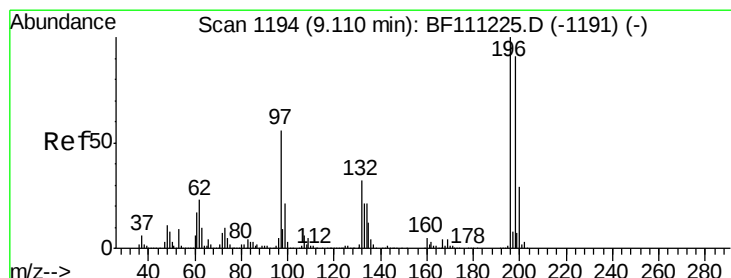
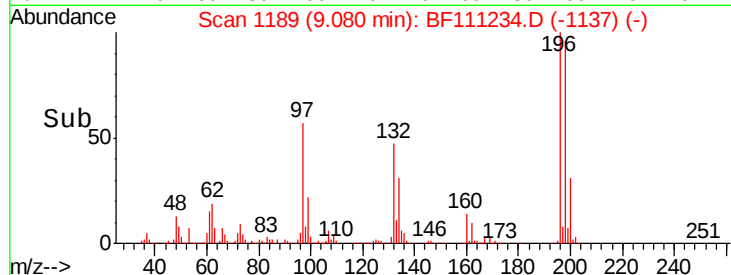
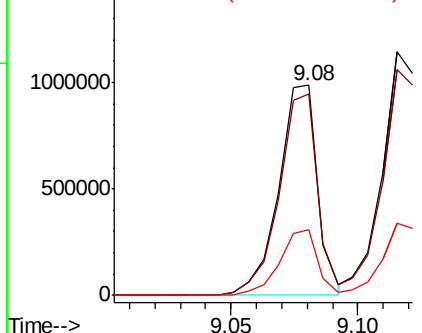


Abundance

Ion 196.00 (195.70 to 196.70): E

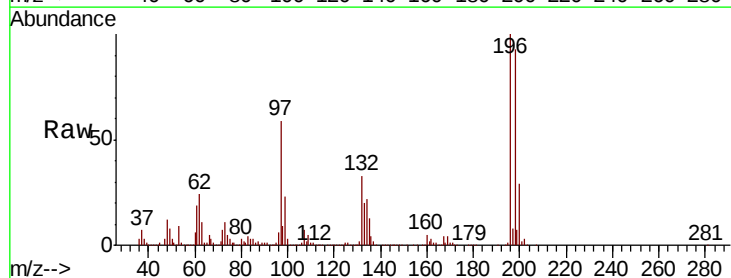
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.709 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt Ion:196 Resp: 1182372
 Ion Ratio Lower Upper
 196 100
 198 92.6 72.9 109.3
 97 58.5 45.3 67.9
 132 33.4 25.5 38.3



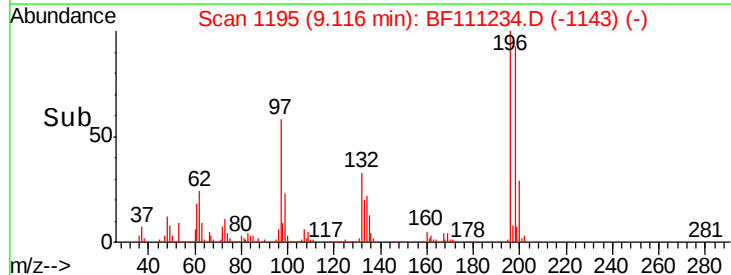
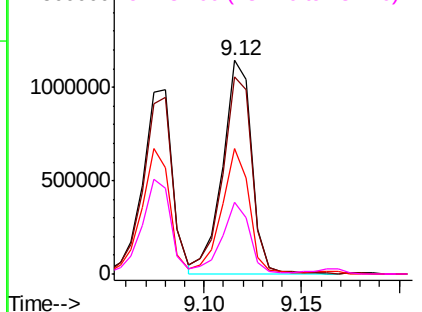
Abundance

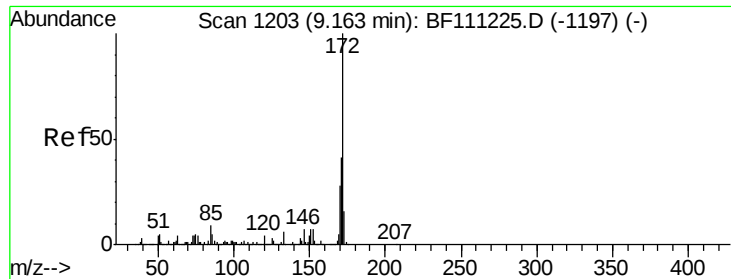
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

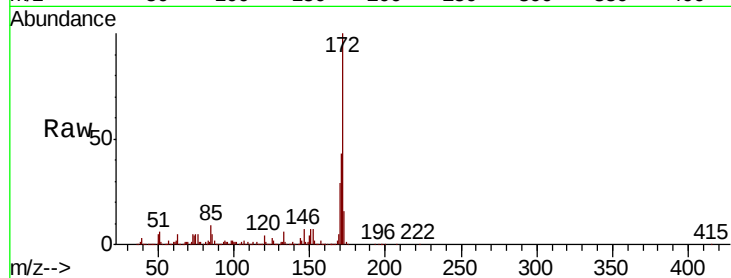




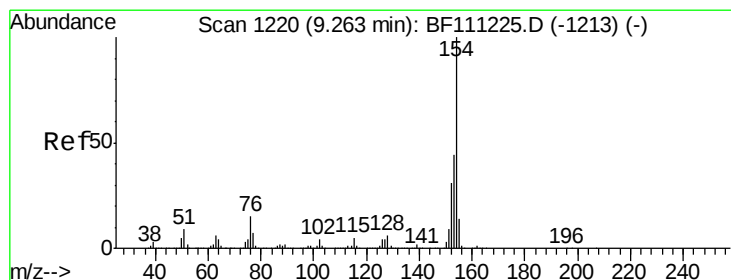
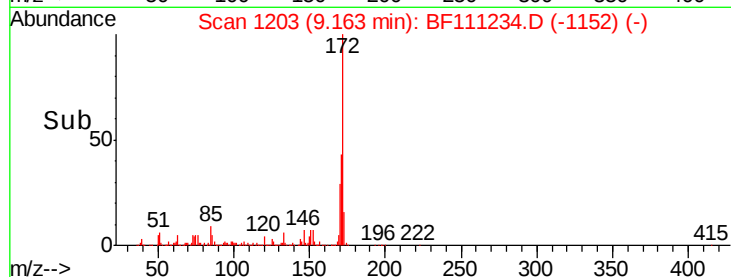
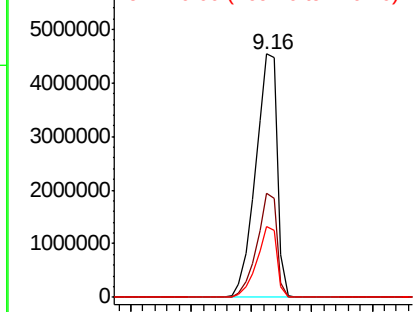
#45
2-Fluorobiphenyl
Concen: 77.295 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 5683013
Ion Ratio Lower Upper
172 100
171 42.7 33.0 49.4
170 29.3 22.3 33.5

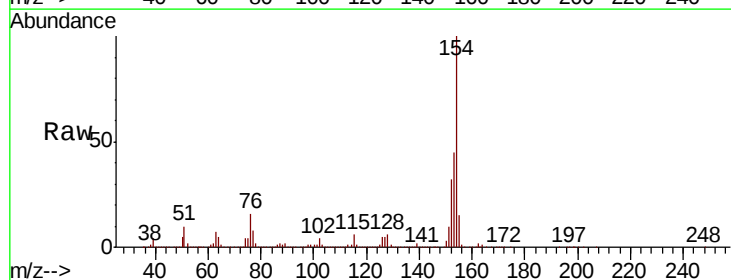


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

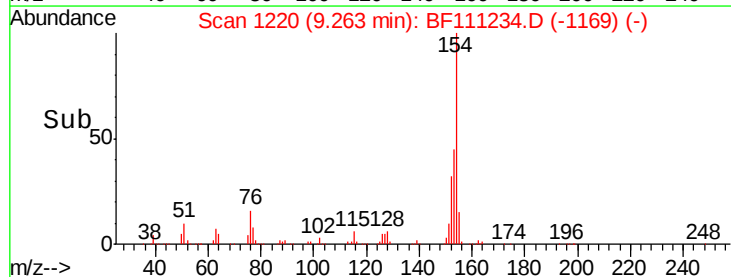
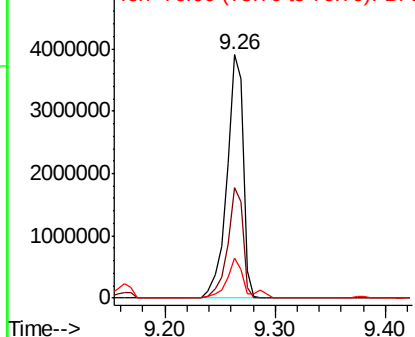


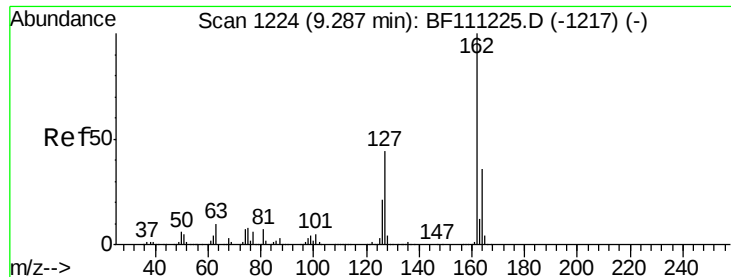
#46
1,1'-Biphenyl
Concen: 39.680 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:154 Resp: 4016513
Ion Ratio Lower Upper
154 100
153 45.2 23.7 63.7
76 16.3 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

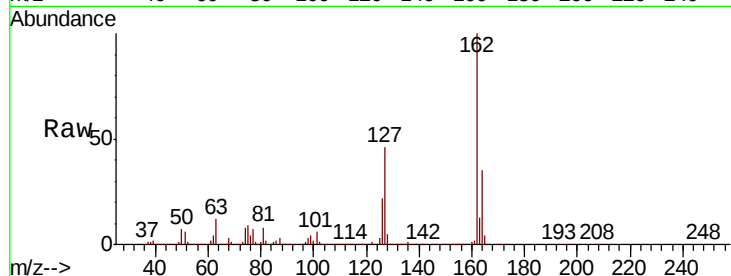




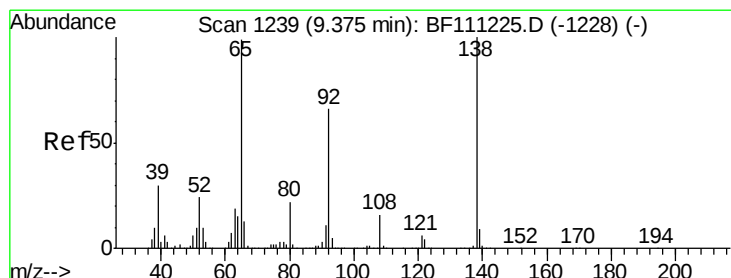
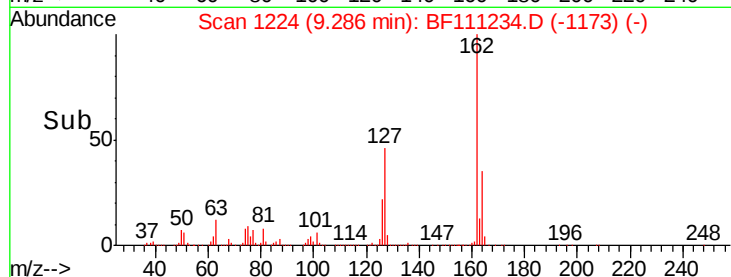
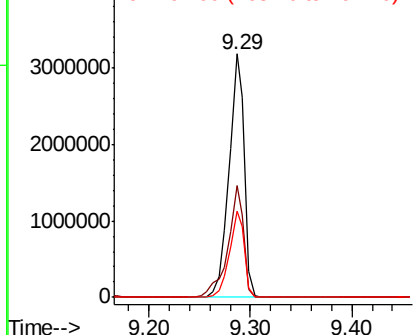
#47
2-Chloronaphthalene
Concen: 40.778 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 3317228
Ion Ratio Lower Upper
162 100
127 45.9 35.0 52.4
164 35.3 28.4 42.6

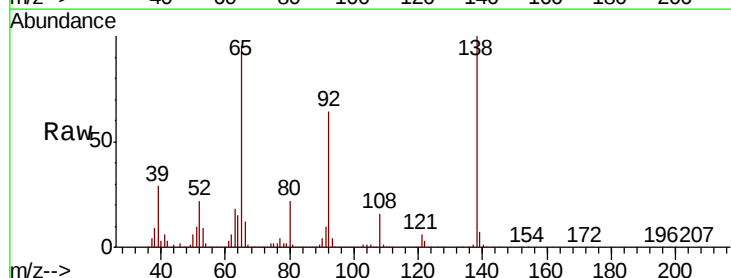


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

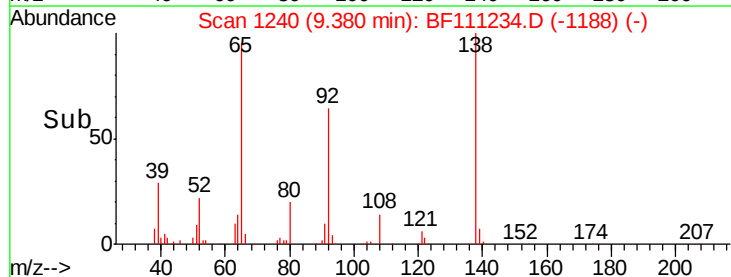
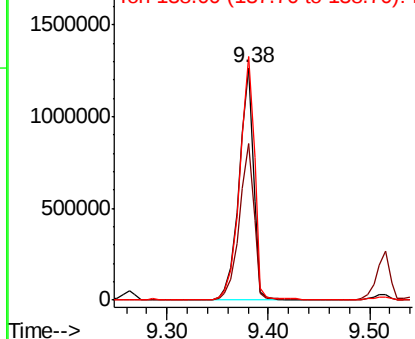


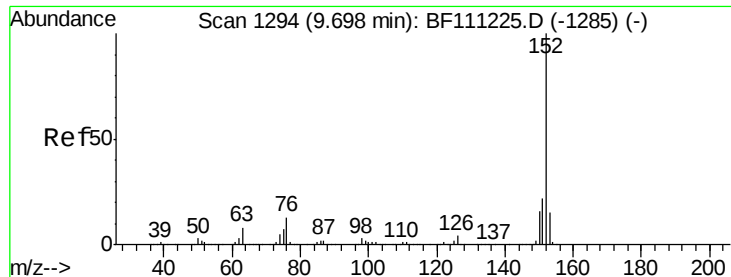
#48
2-Nitroaniline
Concen: 44.956 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion: 65 Resp: 1247545
Ion Ratio Lower Upper
65 100
92 67.2 53.5 80.3
138 104.8 80.9 121.3



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: 41.947 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

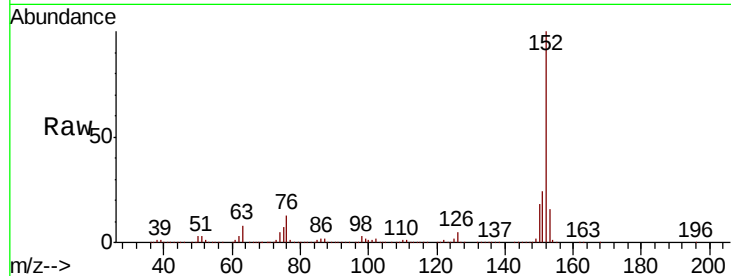
Tot Ion:152 Resp: 4953873

Ion Ratio Lower Upper

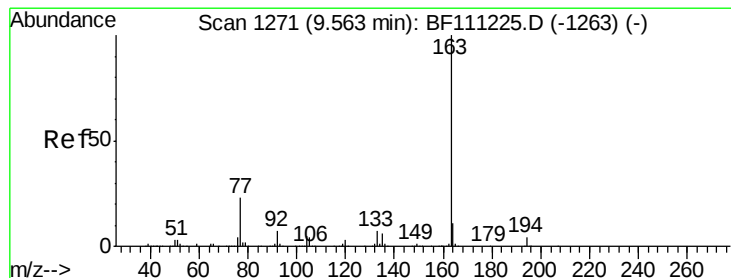
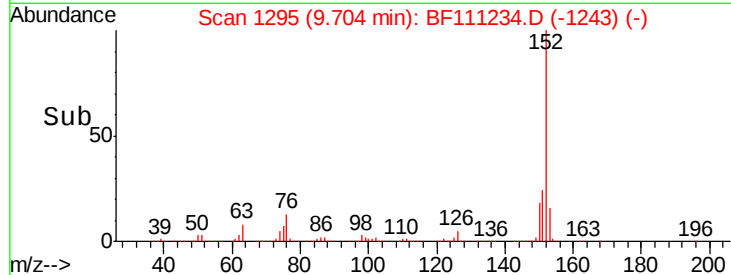
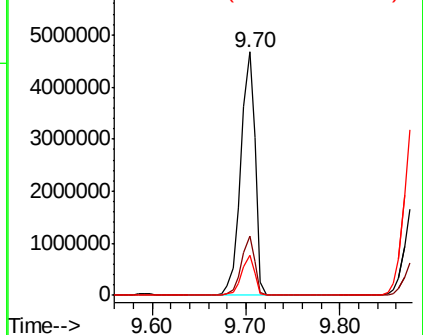
152 100

151 24.5 18.0 27.0

153 16.4 12.3 18.5



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: 45.594 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

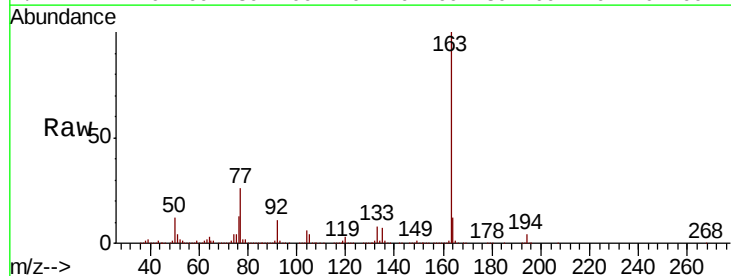
Tgt Ion:163 Resp: 4182532

Ion Ratio Lower Upper

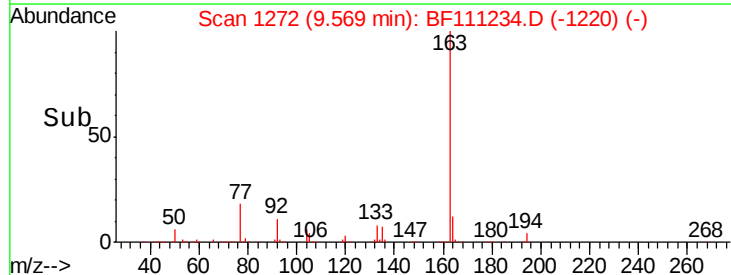
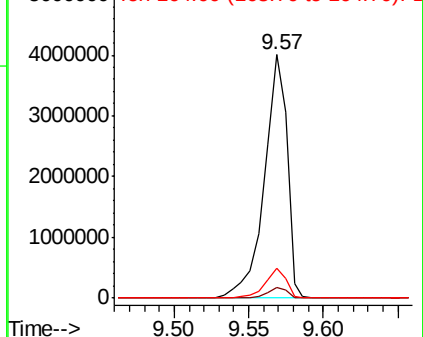
163 100

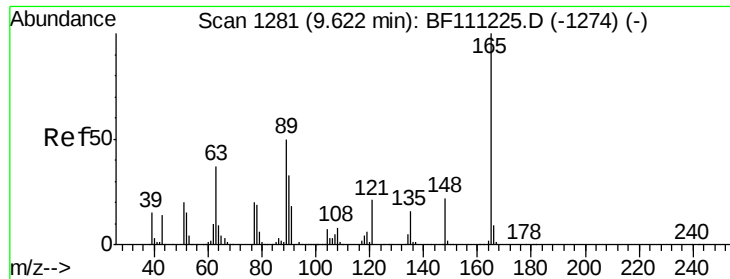
194 4.2 3.0 4.6

164 12.1 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: 47.773 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

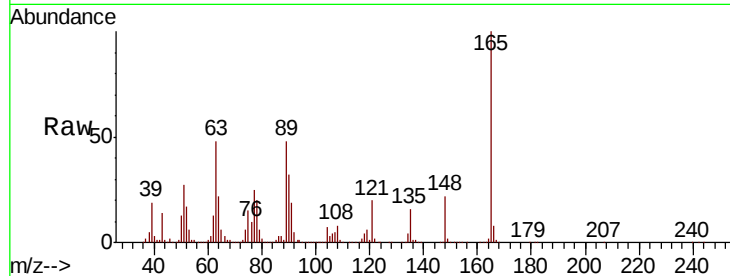
Tot Ion:165 Resp: 967828

Ion Ratio Lower Upper

165 100

63 47.7 40.5 60.7

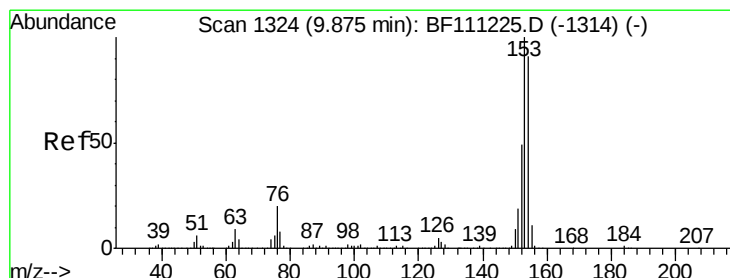
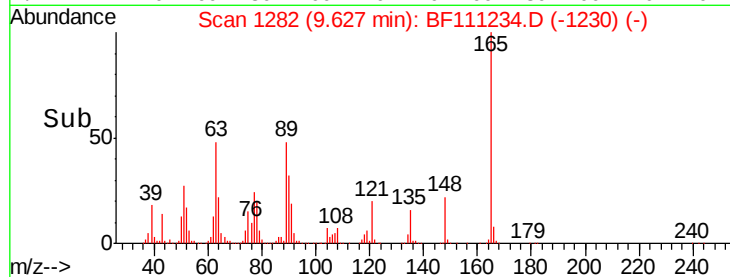
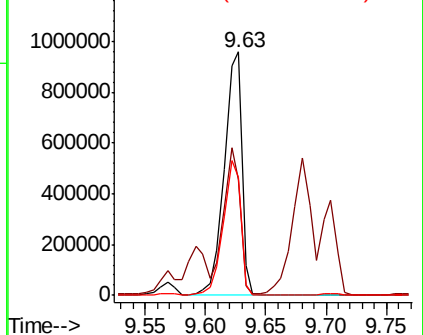
89 48.5 40.0 60.0



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: 40.666 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

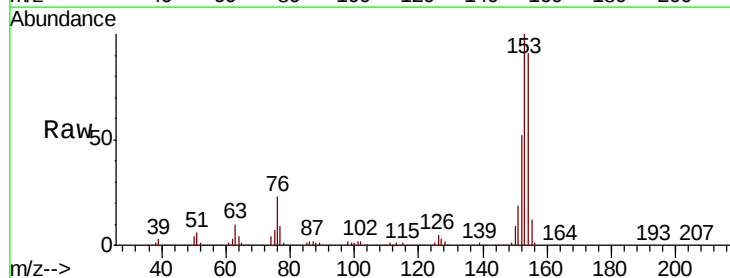
Tgt Ion:154 Resp: 3013770

Ion Ratio Lower Upper

154 100

153 109.4 87.8 131.8

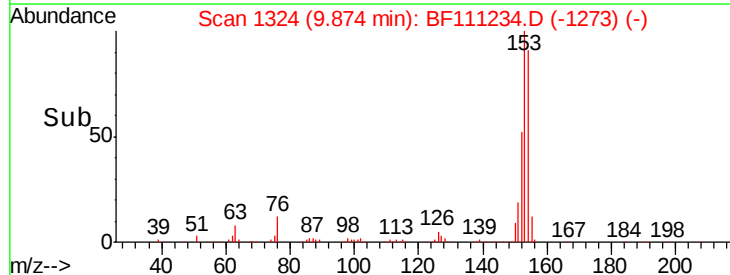
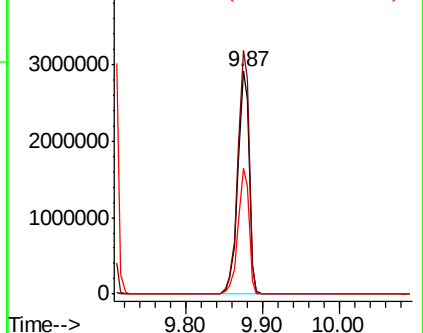
152 56.6 43.4 65.2

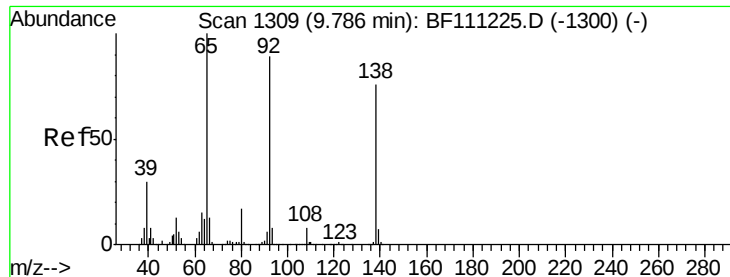


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

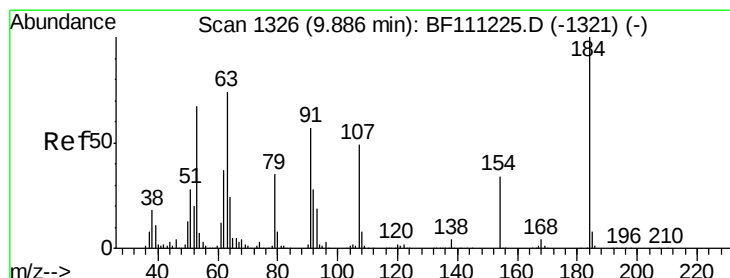
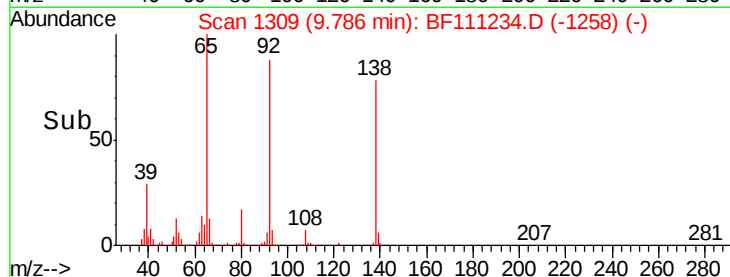
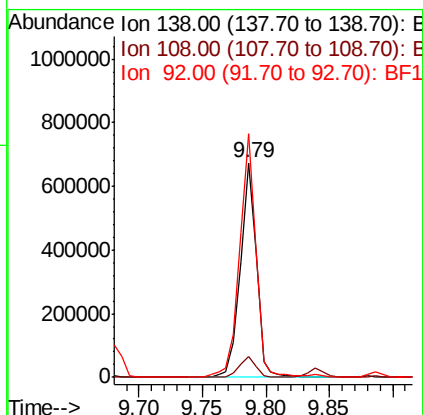
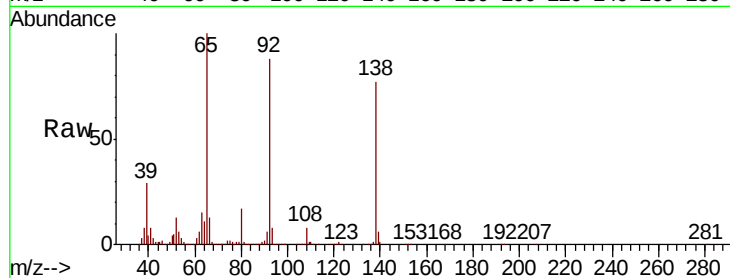




#53
3-Nitroaniline
Concen: 23.373 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

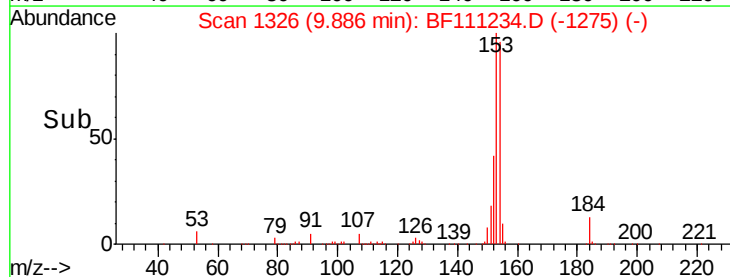
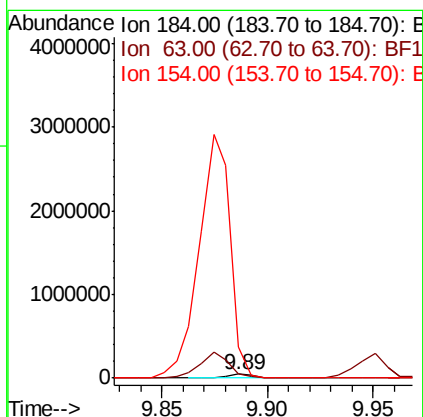
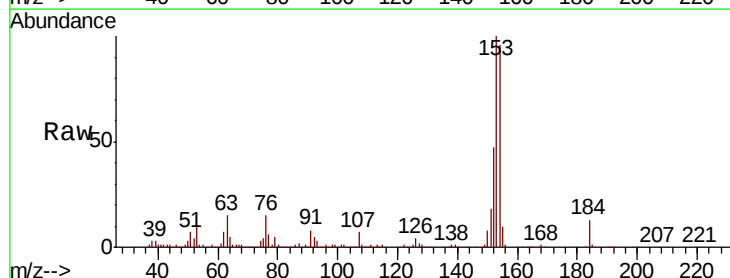
Instrument :
BNA_F
ClientSampleId :

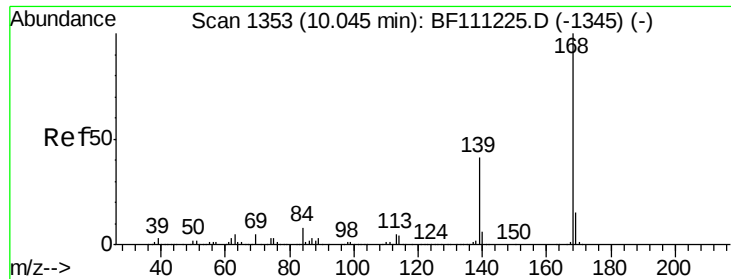
Tot Ion:138 Resp: 584459
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 113.4 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 5.114 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:184 Resp: 40937
Ion Ratio Lower Upper
184 100
63 121.8 62.3 93.5#
154 766.6 56.2 84.2#

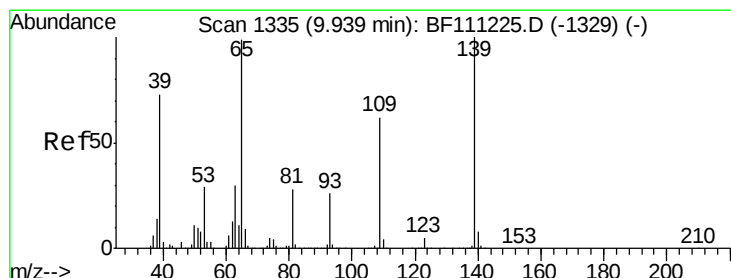
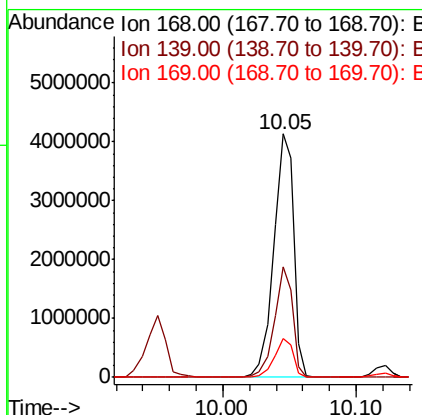
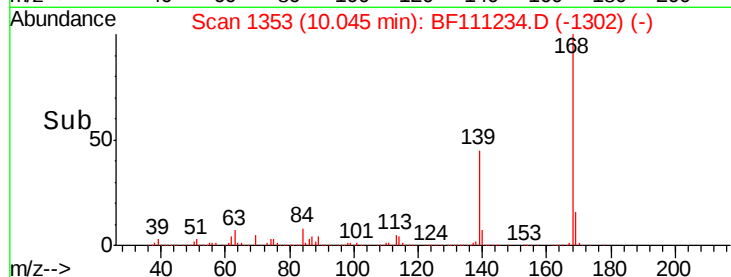
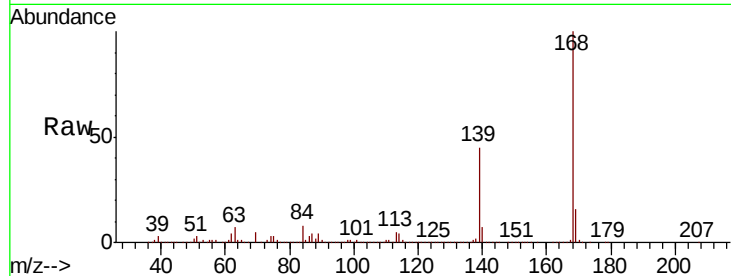




#55
Dibenzenofuran
Concen: 42.973 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

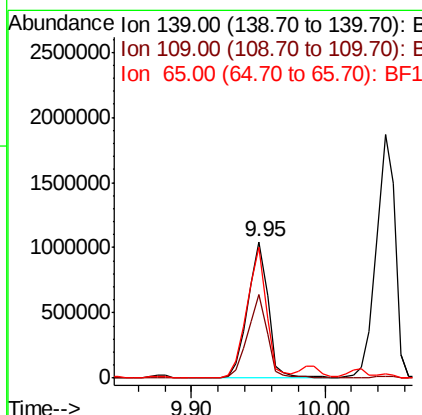
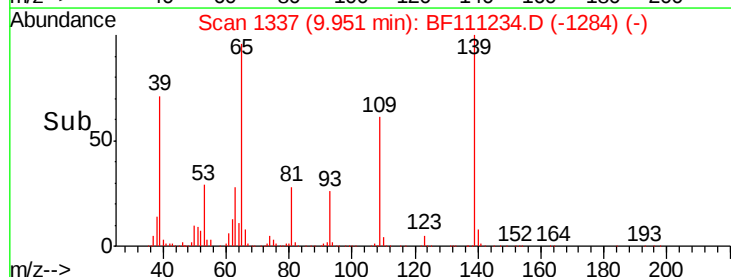
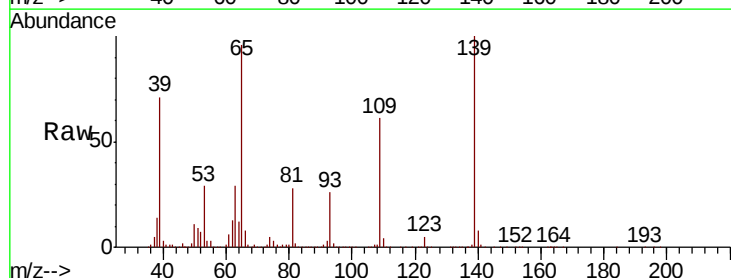
Instrument :
BNA_F
ClientSampleId :

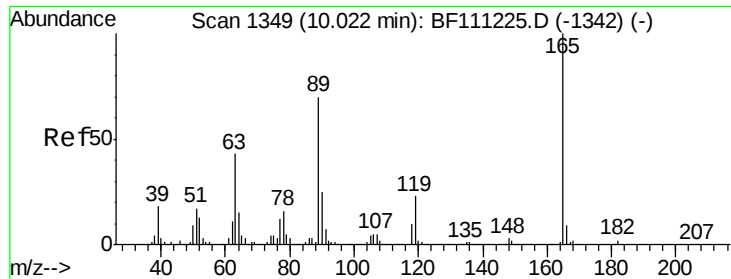
Tot Ion:168 Resp: 4332696
Ion Ratio Lower Upper
168 100
139 45.1 32.6 49.0
169 15.8 11.8 17.6



#56
4-Nitrophenol
Concen: 56.428 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:139 Resp: 1098937
Ion Ratio Lower Upper
139 100
109 60.8 41.8 81.8
65 96.2 79.6 119.6

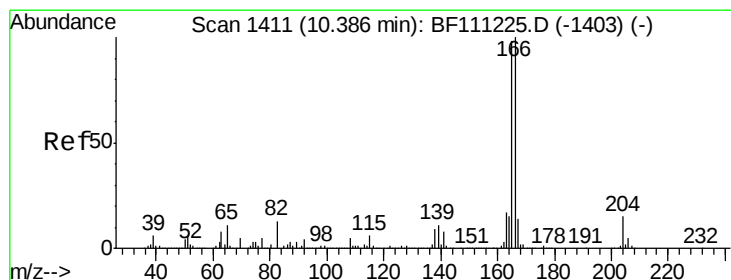
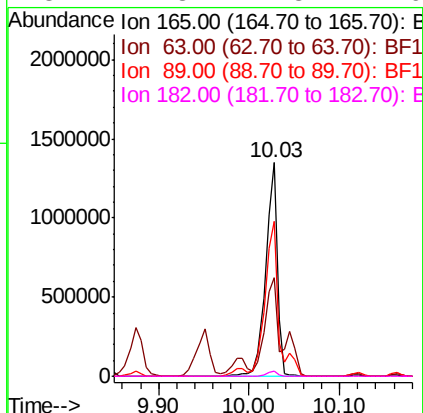
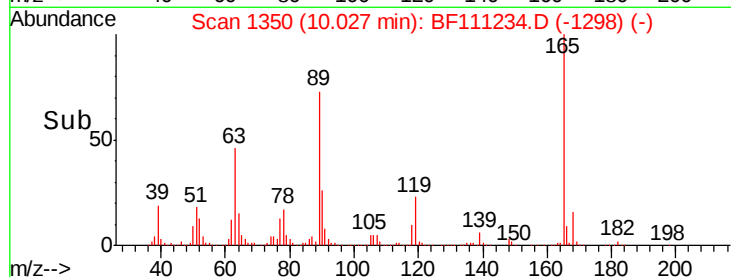
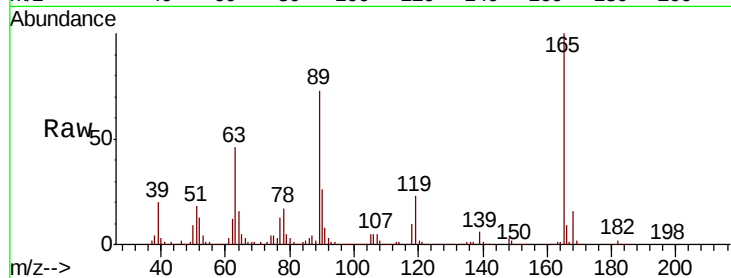




#57
2,4-Dinitrotoluene
Concen: 49.478 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

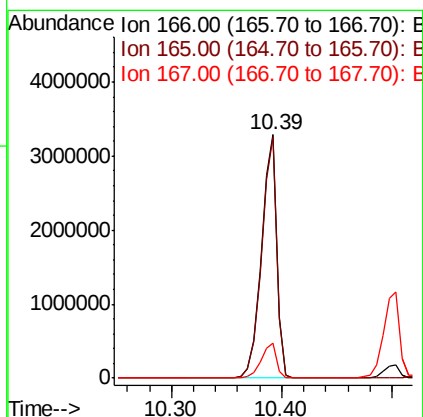
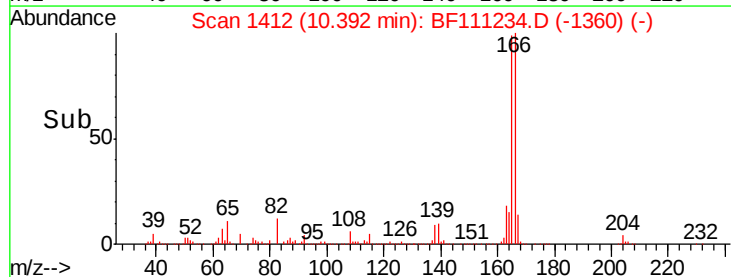
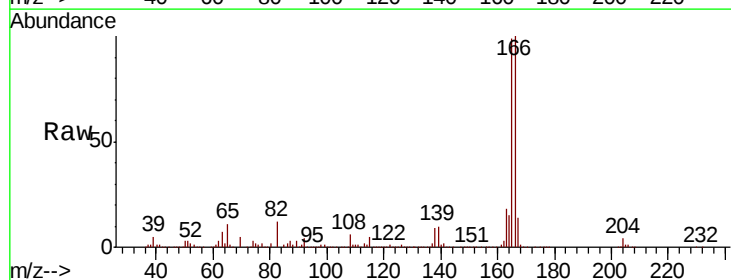
Instrument :
BNA_F
ClientSampleId :

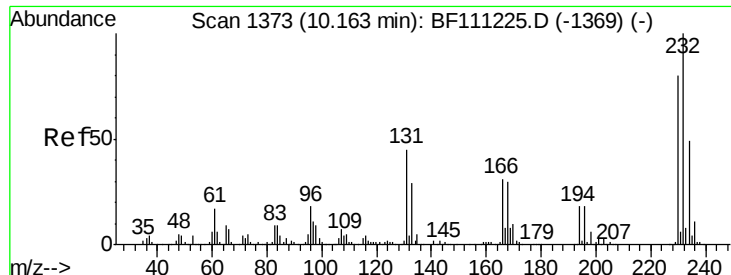
Tot Ion:165 Resp: 1235685
Ion Ratio Lower Upper
165 100
63 46.0 34.6 52.0
89 72.6 56.2 84.4
182 2.3 1.8 2.6



#58
Fluorene
Concen: 40.764 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:166 Resp: 3180473
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 14.4 11.2 16.8

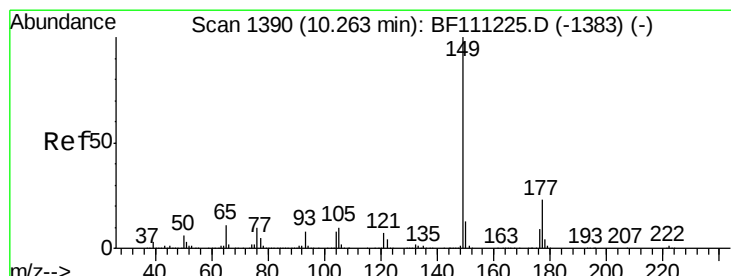
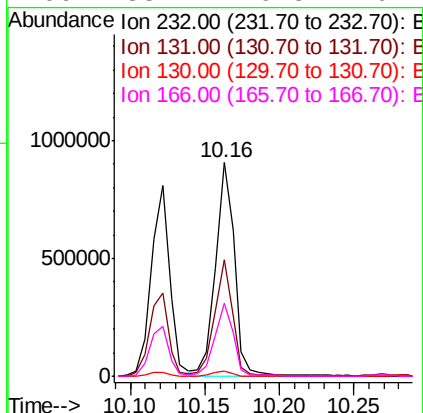
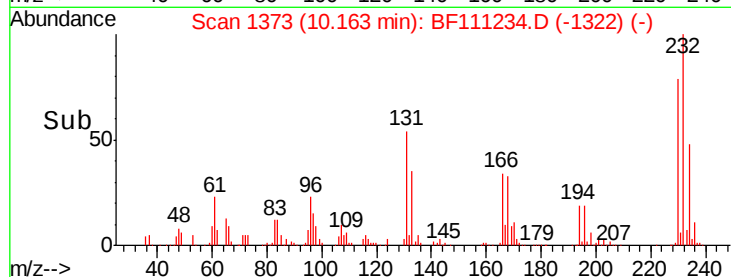
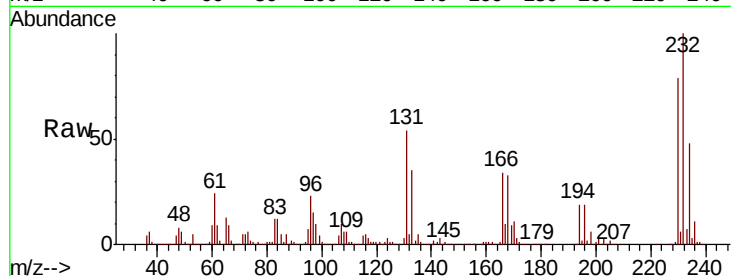




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.254 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

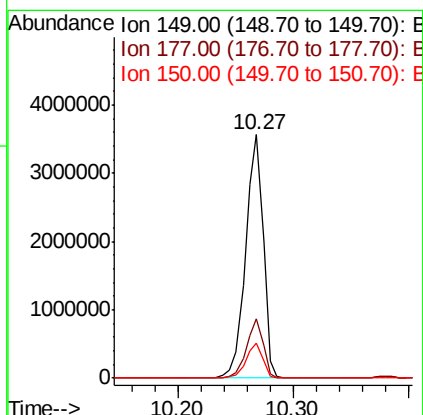
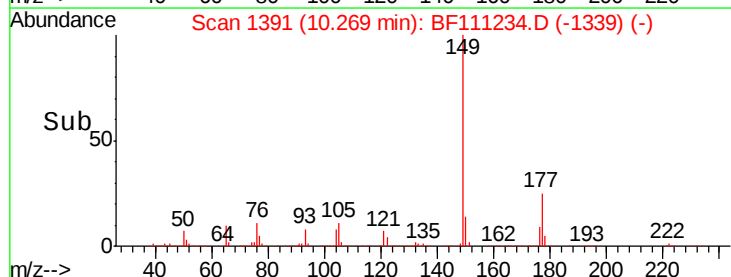
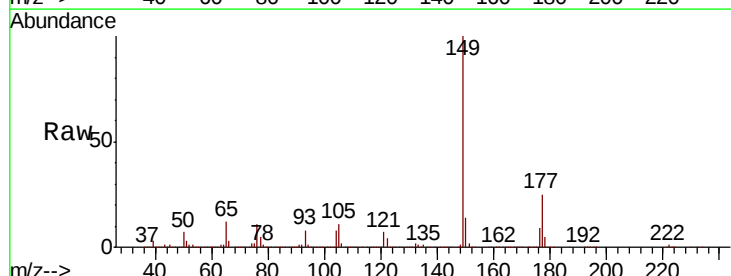
Instrument :
BNA_F
ClientSampled :

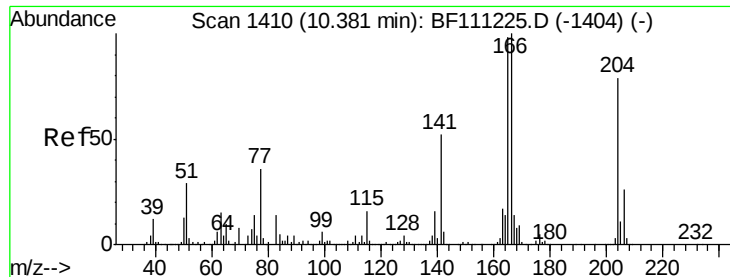
Tot Ion	Ratio	Lower	Upper
232	100		
131	51.5	40.9	61.3
130	2.5	2.0	3.0
166	33.7	26.8	40.2



#60
Diethylphthalate
Concen: 42.731 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.3	27.5
150	14.3	10.6	15.8

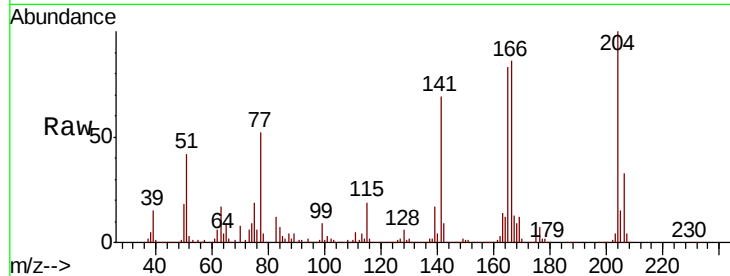




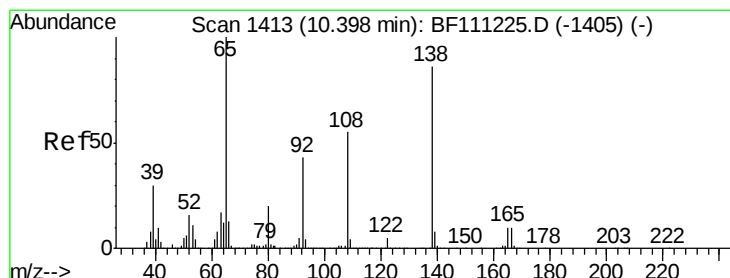
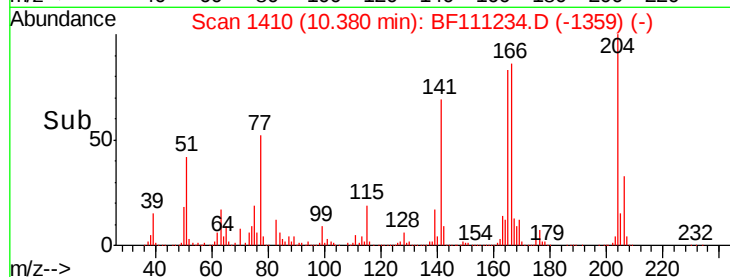
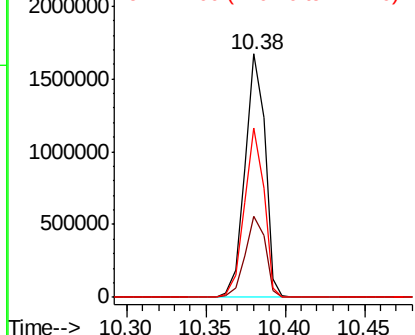
#61
4-Chlorophenyl-phenylether
Concen: 37.832 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 1465583
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 69.4 52.6 78.8

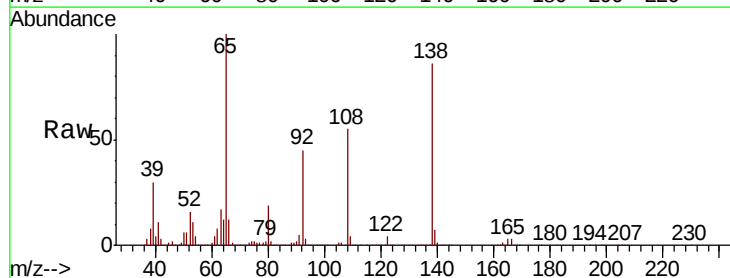


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

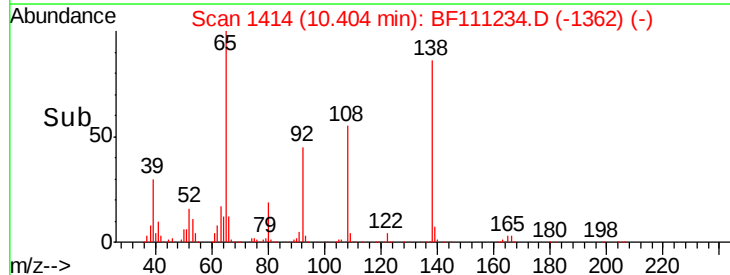
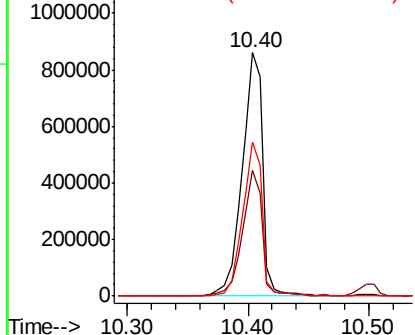


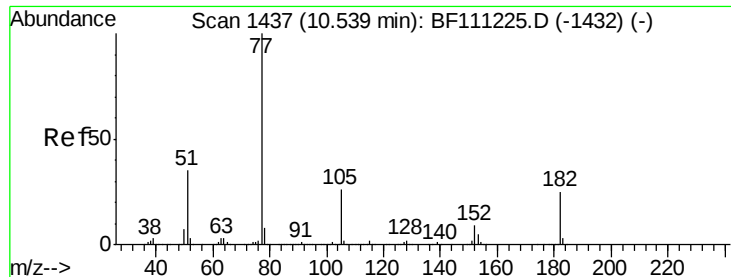
#62
4-Nitroaniline
Concen: 43.038 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:138 Resp: 1018290
Ion Ratio Lower Upper
138 100
92 51.9 29.9 69.9
108 63.3 43.2 83.2



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





#63

Azobenzene

Concen: 41.149 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 3736298

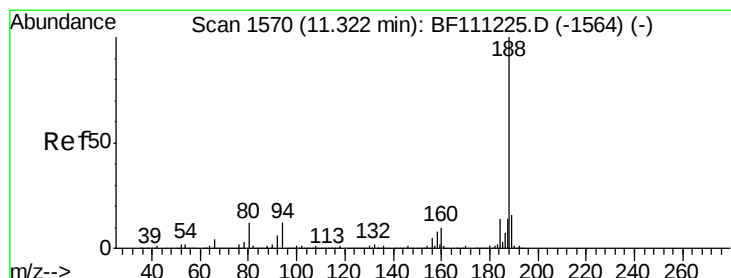
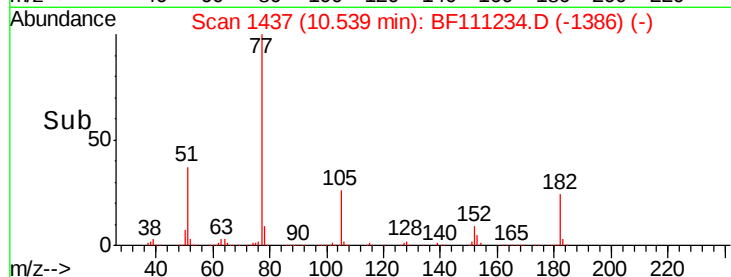
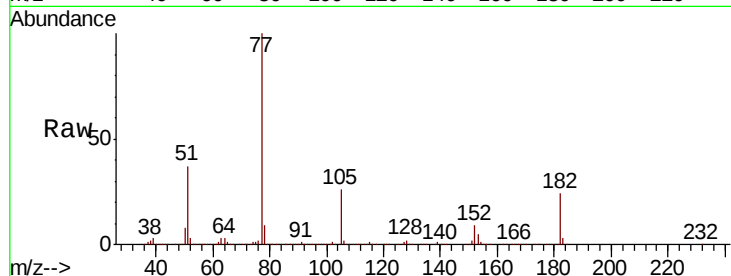
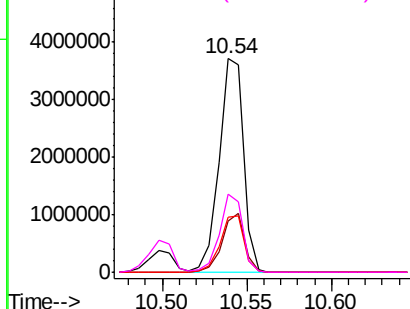
Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.9	44.9
105	25.7	6.0	46.0
51	36.8	14.7	54.7

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: BF111234.D

Acq: 10 Dec 2018 11:28

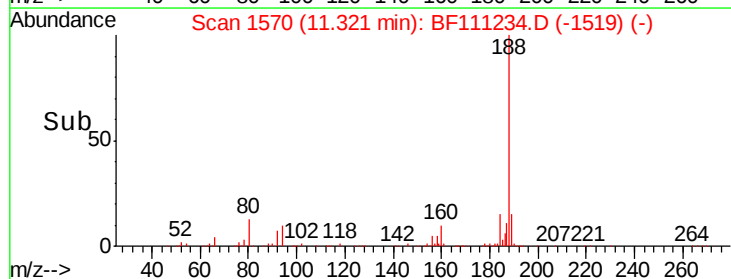
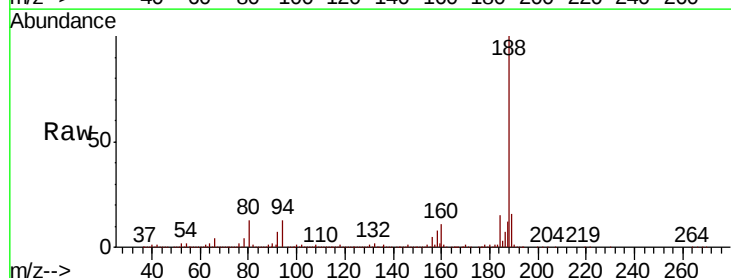
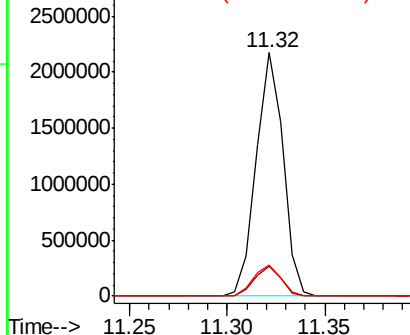
Tgt Ion: 188 Resp: 2087395

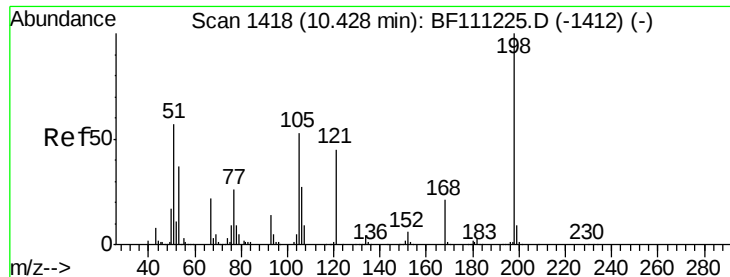
Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.6	14.4
80	13.0	9.8	14.6

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

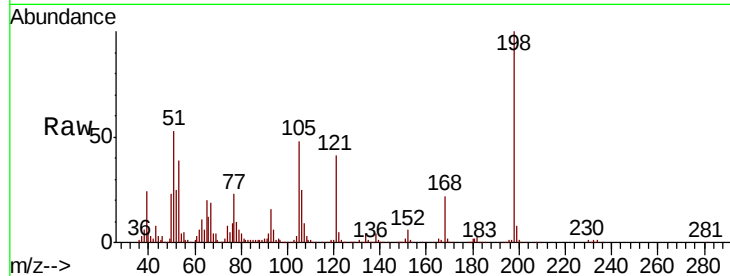




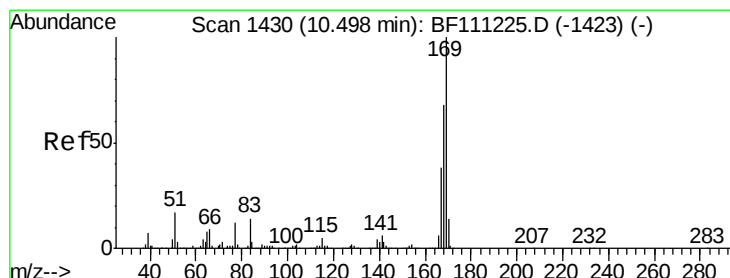
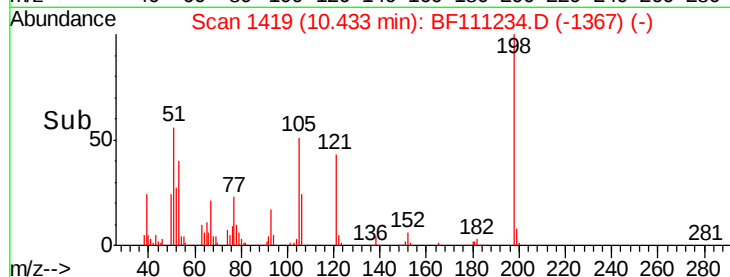
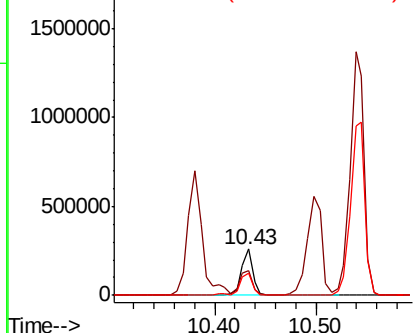
#65
4,6-Dinitro-2-methylphenol
Concen: 16.858 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 200233
Ion Ratio Lower Upper
198 100
51 53.1 48.0 88.0
105 47.8 34.0 74.0

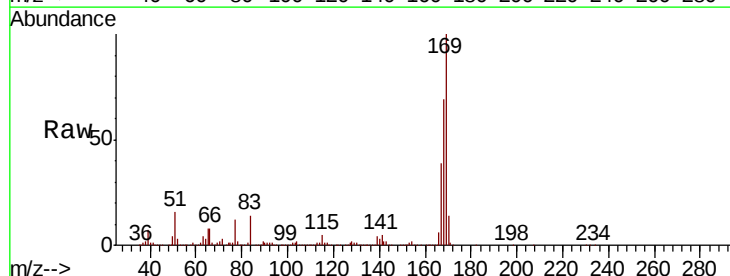


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

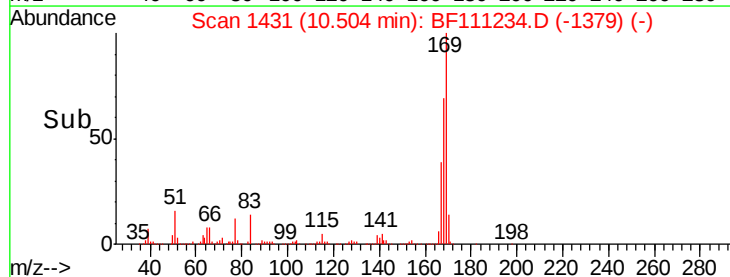
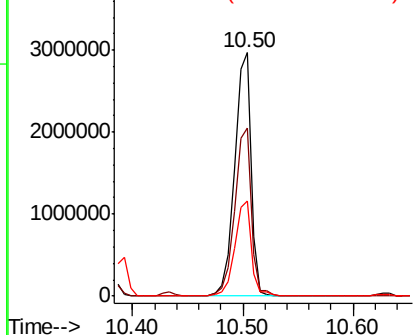


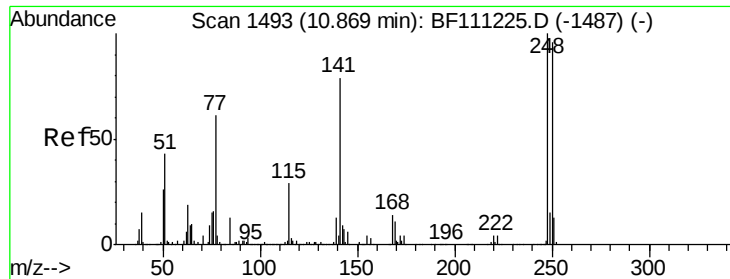
#66
n-Nitrosodiphenylamine
Concen: 43.773 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:169 Resp: 3110323
Ion Ratio Lower Upper
169 100
168 69.1 54.4 81.6
167 39.3 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

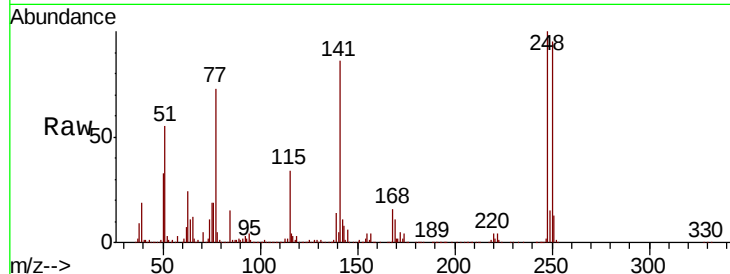




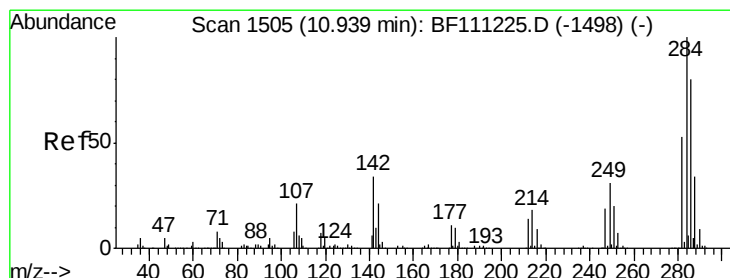
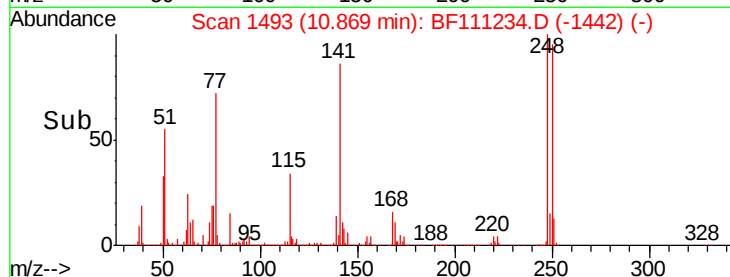
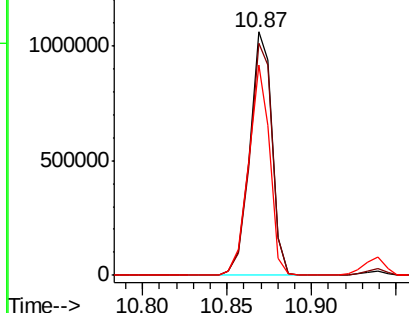
#67
4-Bromophenyl-phenylether
Concen: 43.008 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.0	115.4
141	86.3	63.0	94.6

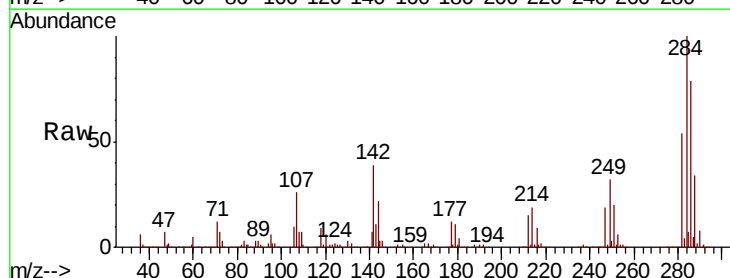


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

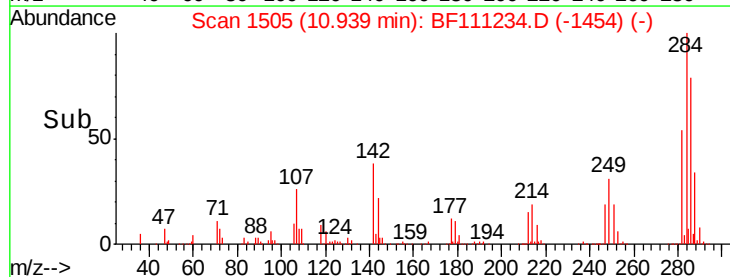
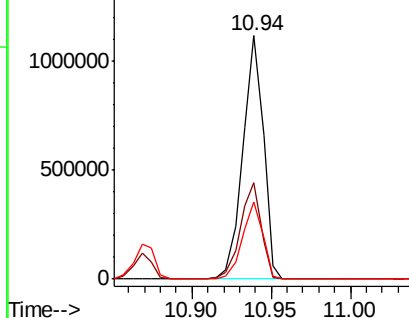


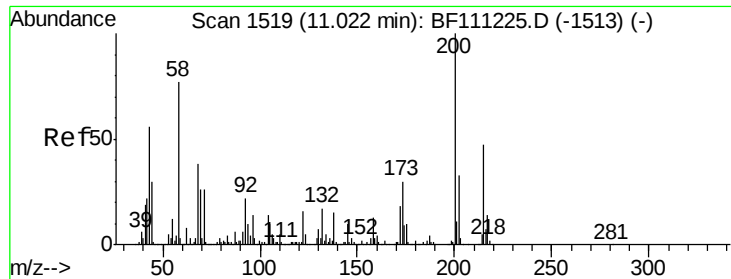
#68
Hexachlorobenzene
Concen: 42.995 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.5	27.4	41.2
249	31.9	24.4	36.6



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

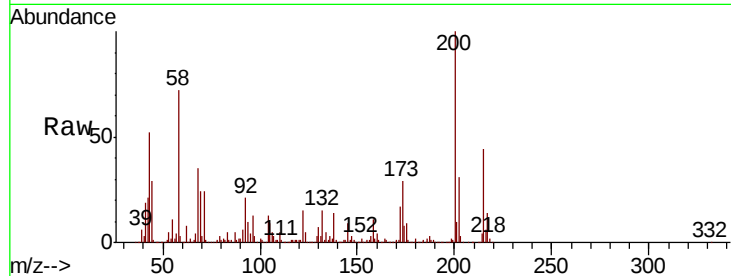




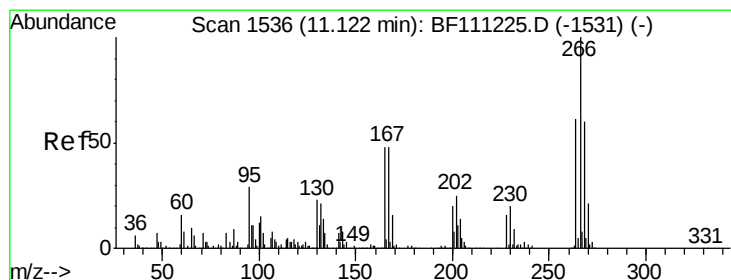
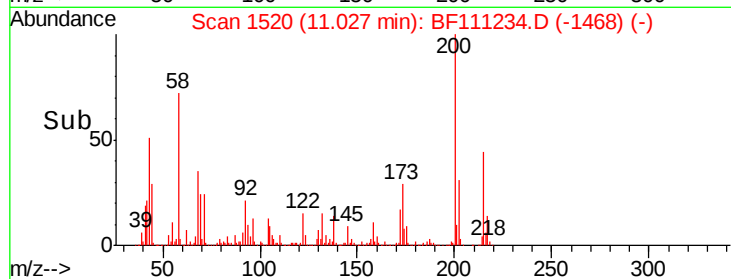
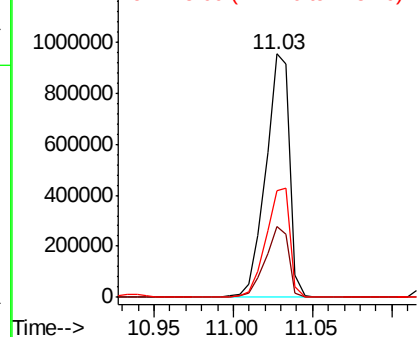
#69
Atrazine
Concen: 46.426 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 1003154
Ion Ratio Lower Upper
200 100
173 29.0 10.1 50.1
215 43.9 26.9 66.9

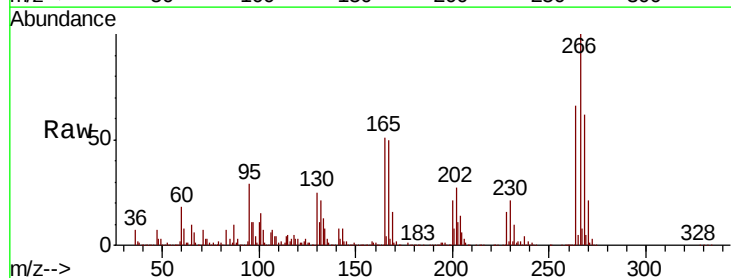


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

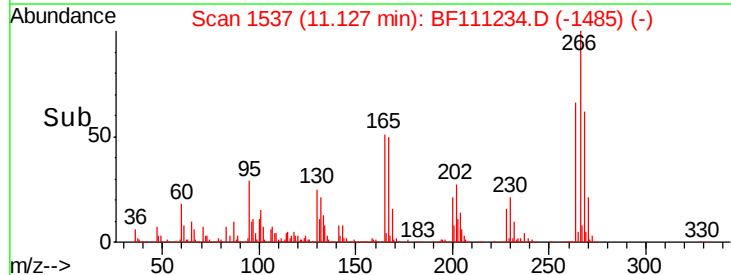
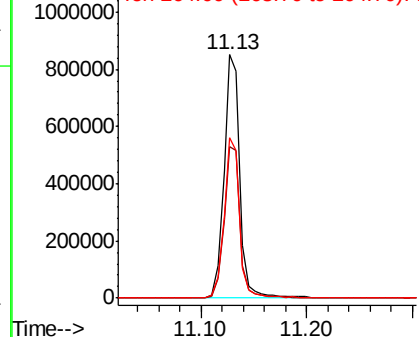


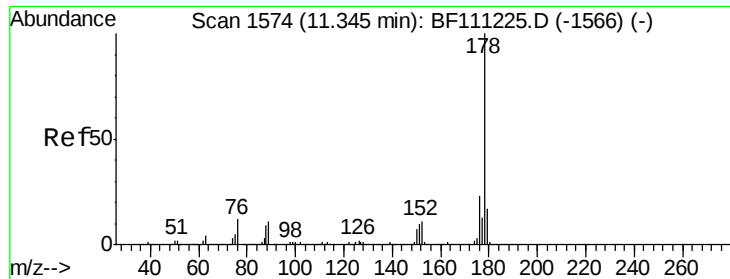
#70
Pentachlorophenol
Concen: 53.318 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:266 Resp: 899582
Ion Ratio Lower Upper
266 100
268 62.2 47.9 71.9
264 66.0 49.1 73.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

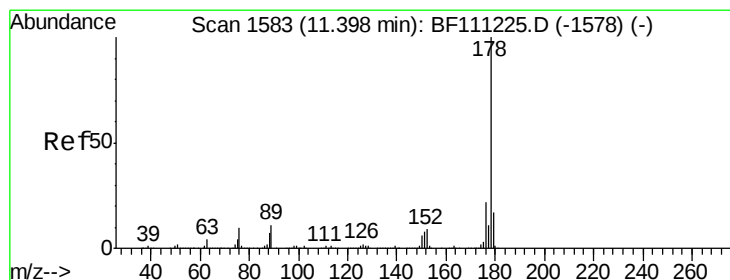
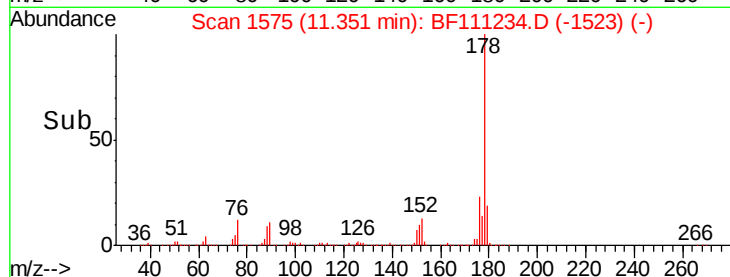
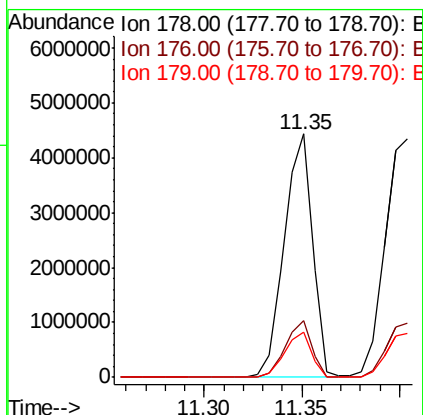
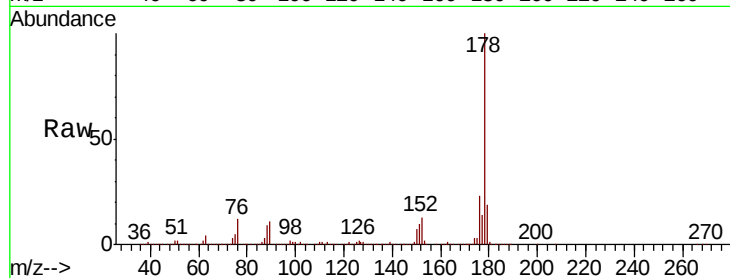




#71
Phenanthrene
Concen: 42.344 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

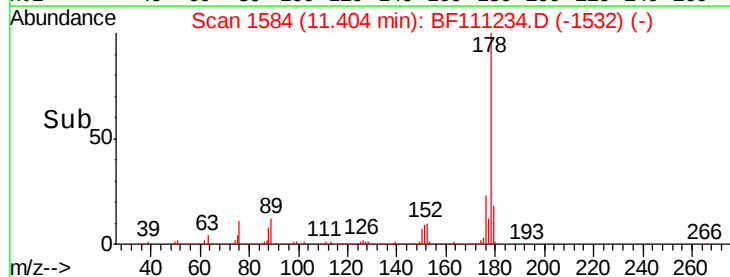
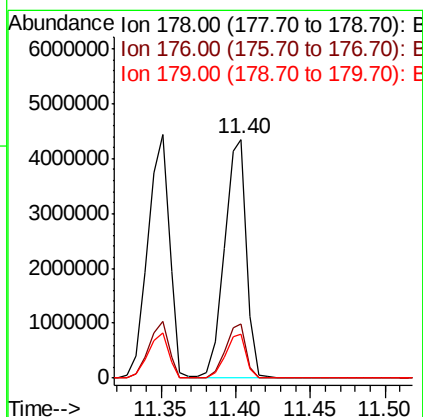
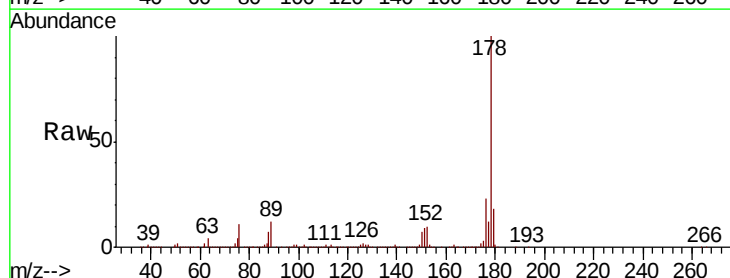
Instrument :
BNA_F
ClientSampleId :

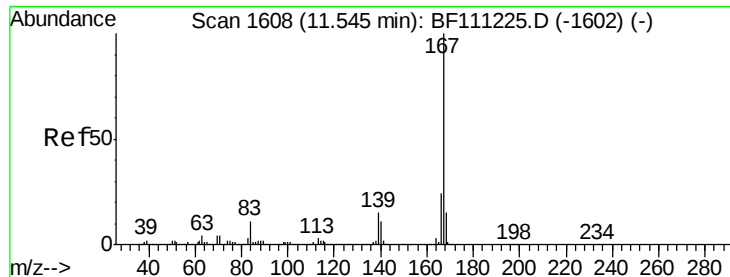
Tot Ion:178 Resp: 4458196
Ion Ratio Lower Upper
178 100
176 23.5 18.1 27.1
179 18.6 14.0 21.0



#72
Anthracene
Concen: 41.064 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:178 Resp: 4523180
Ion Ratio Lower Upper
178 100
176 22.9 17.2 25.8
179 18.4 13.8 20.8

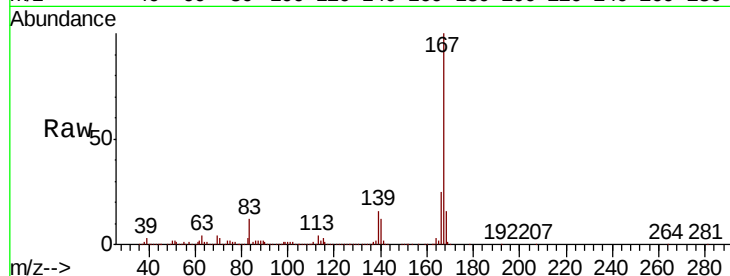




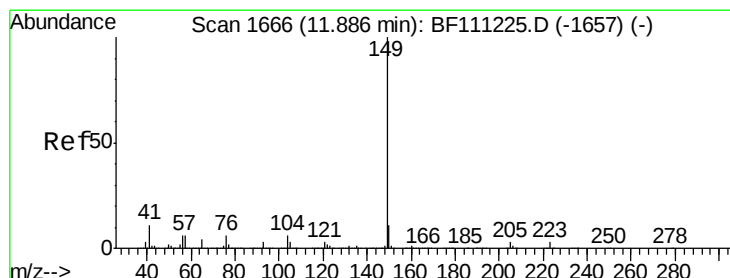
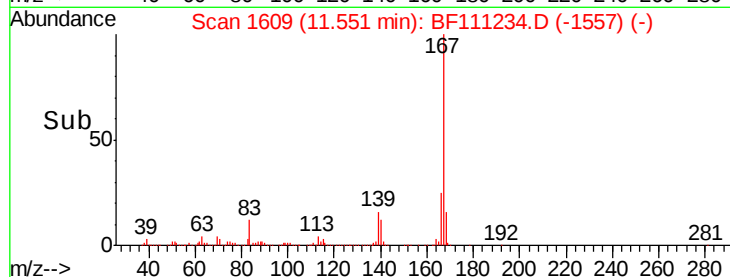
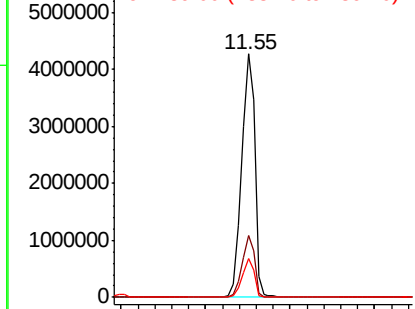
#73
 Carbazole
 Concen: 39.402 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 4538241
 Ion Ratio Lower Upper
 167 100
 166 25.3 19.3 28.9
 139 16.0 11.9 17.9

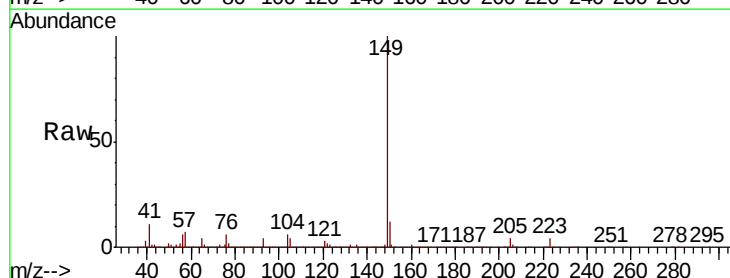


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

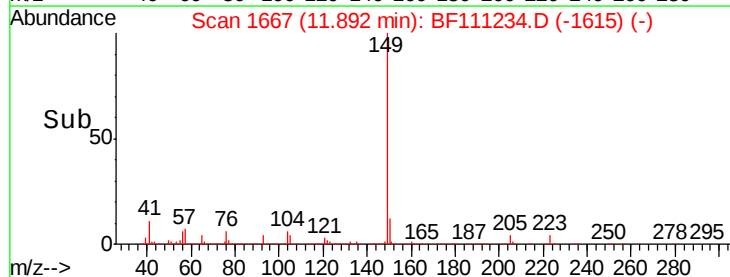
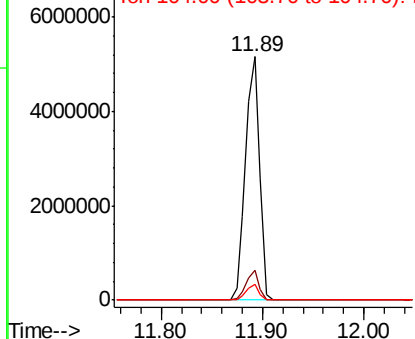


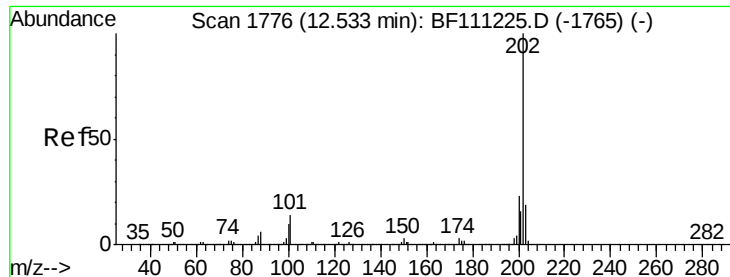
#74
 Di-n-butylphthalate
 Concen: 42.244 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt Ion:149 Resp: 5001132
 Ion Ratio Lower Upper
 149 100
 150 12.2 8.8 13.2
 104 6.3 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.197 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampled :

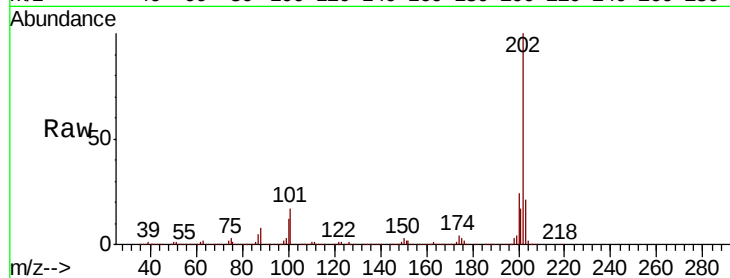
Tot Ion:202 Resp: 4346995

Ion Ratio Lower Upper

202 100

101 17.2 0.0 33.8

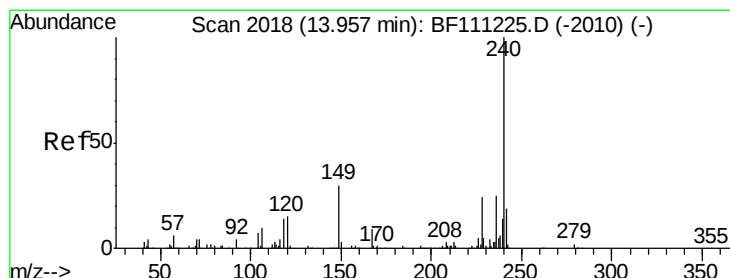
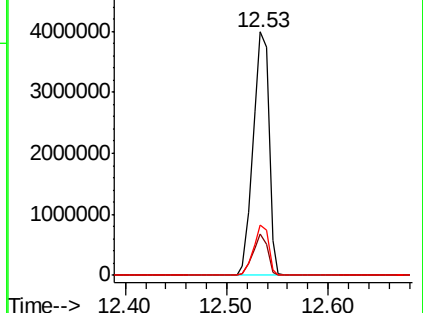
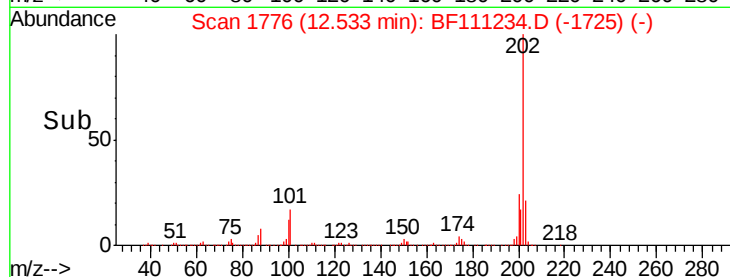
203 20.6 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

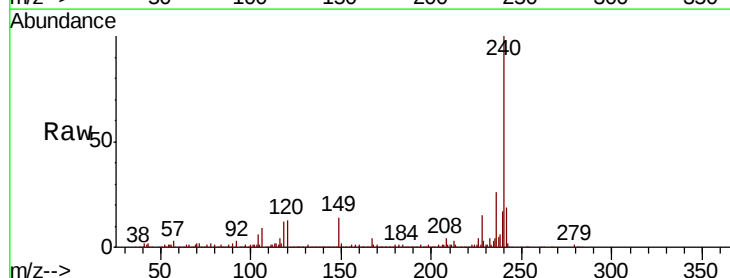
Tgt Ion:240 Resp: 1170635

Ion Ratio Lower Upper

240 100

120 13.3 12.2 18.2

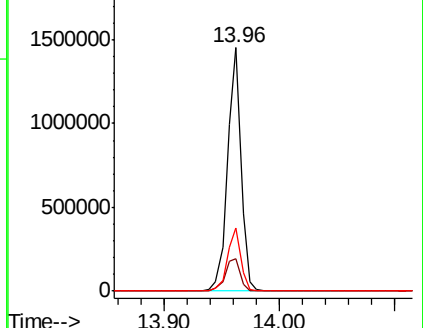
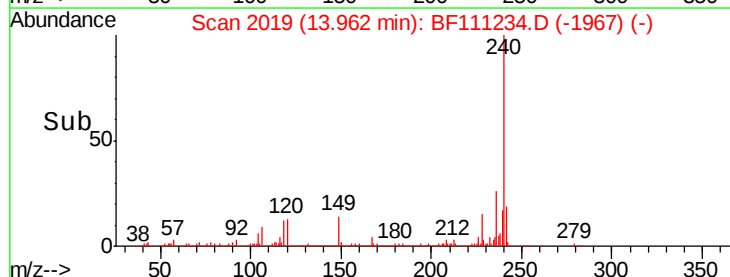
236 26.1 20.2 30.2

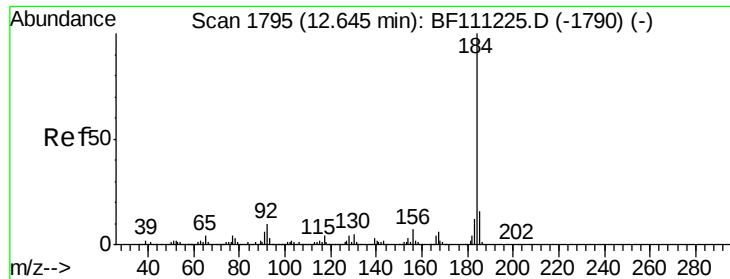


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.910 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

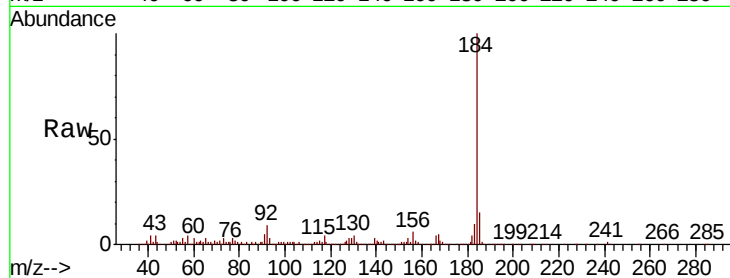
Tot Ion:184 Resp: 865852

Ion Ratio Lower Upper

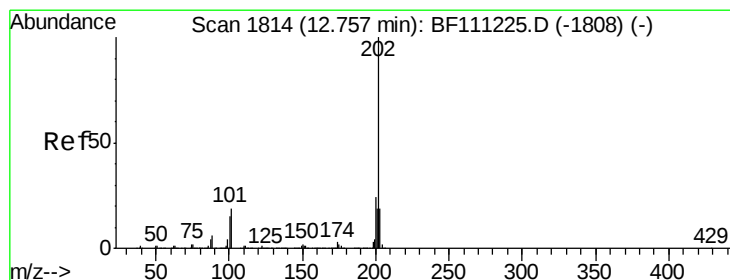
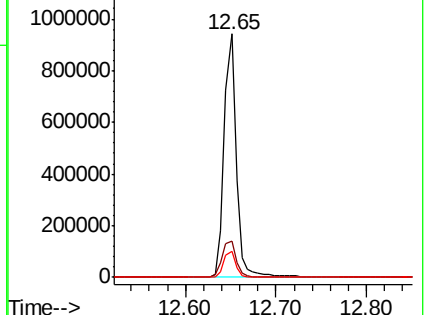
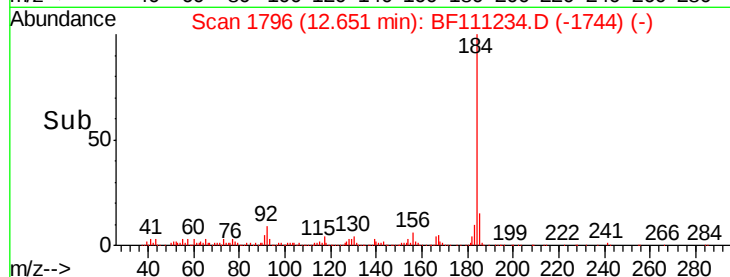
184 100

185 14.9 13.0 19.6

183 10.5 9.3 13.9



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: 52.556 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

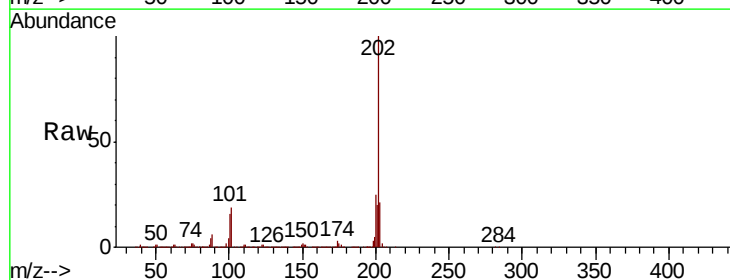
Tgt Ion:202 Resp: 4396496

Ion Ratio Lower Upper

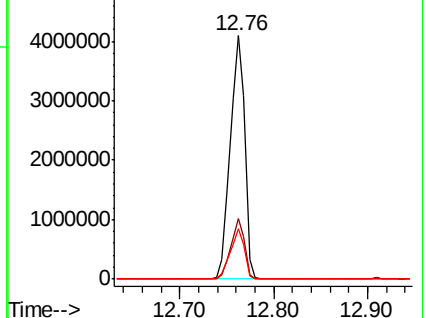
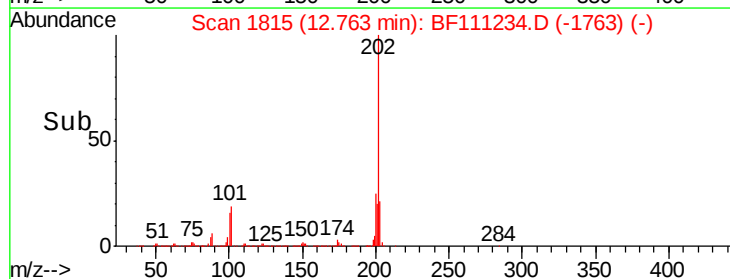
202 100

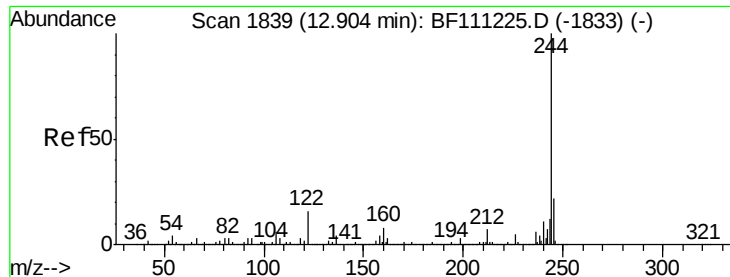
200 25.1 19.0 28.4

203 20.6 15.2 22.8



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

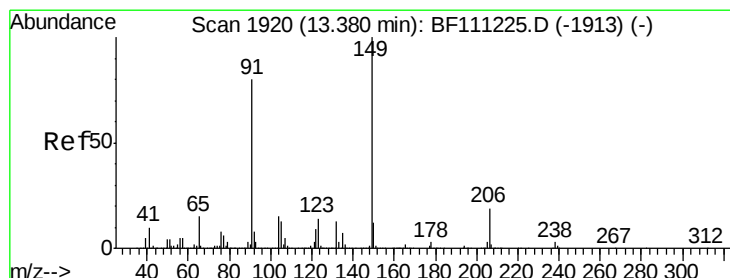
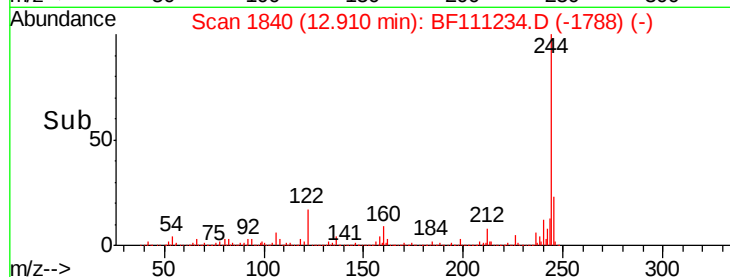
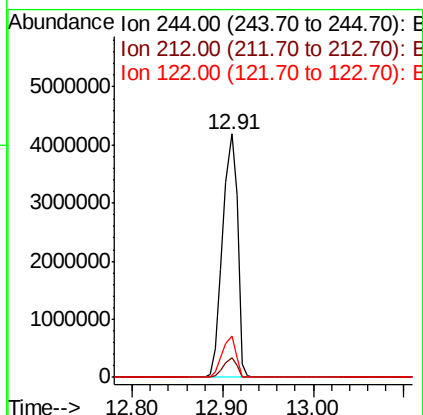
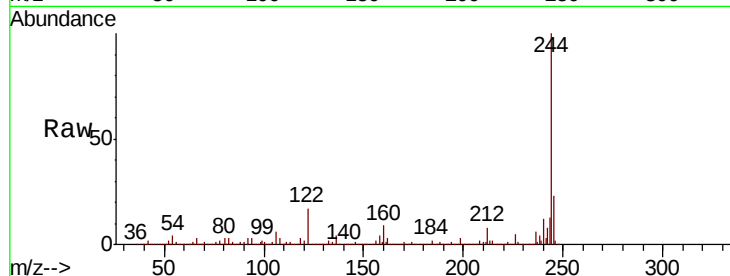




#79
 Terphenyl-d14
 Concen: 96.905 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

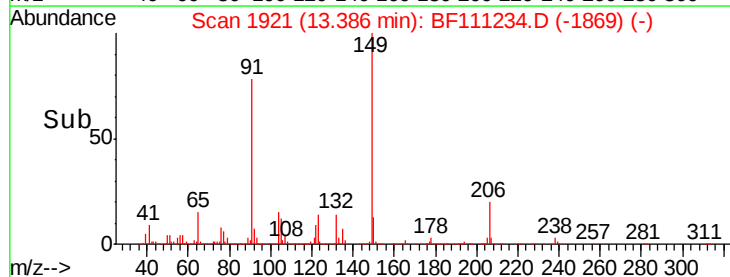
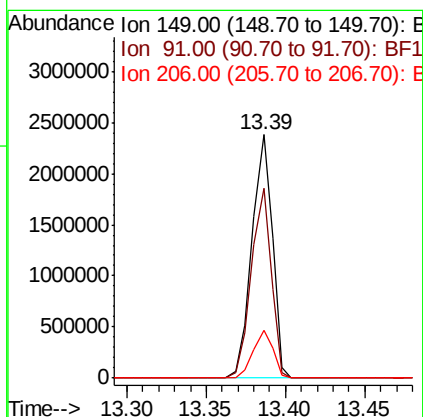
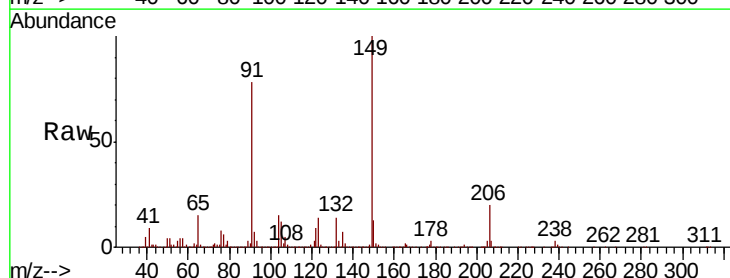
Instrument :
 BNA_F
 ClientSampled :

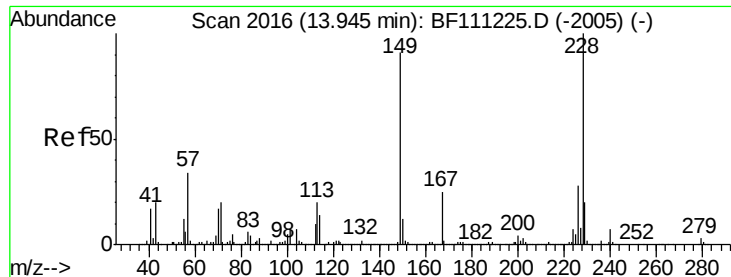
Tot Ion:244 Resp: 4729348
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 16.9 13.1 19.7



#80
 Butylbenzylphthalate
 Concen: 48.745 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt Ion:149 Resp: 2129879
 Ion Ratio Lower Upper
 149 100
 91 78.1 63.8 95.6
 206 19.5 15.1 22.7





#81

Benzo(a)anthracene

Concen: 46.398 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampleId :

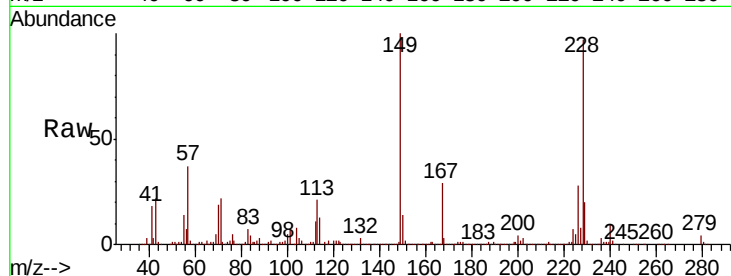
Tot Ion:228 Resp: 3030201

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

229 20.6 16.3 24.5

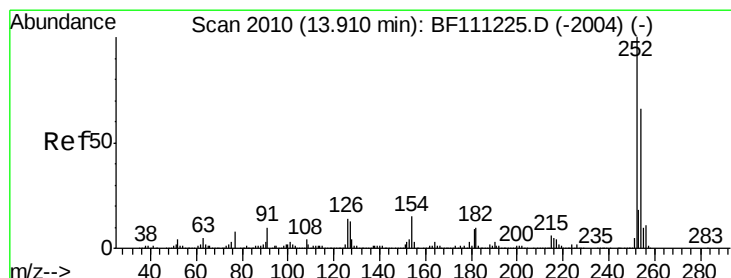
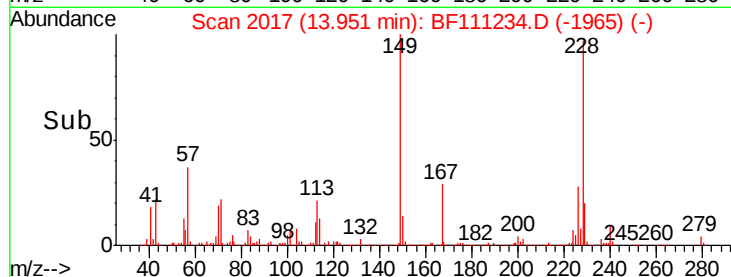
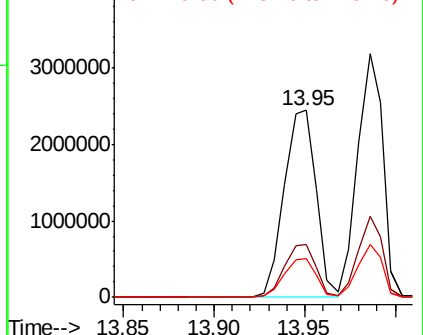


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.490 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

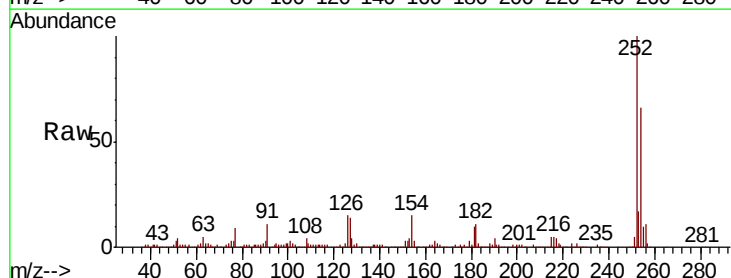
Tgt Ion:252 Resp: 548485

Ion Ratio Lower Upper

252 100

254 65.7 52.7 79.1

126 14.9 11.1 16.7

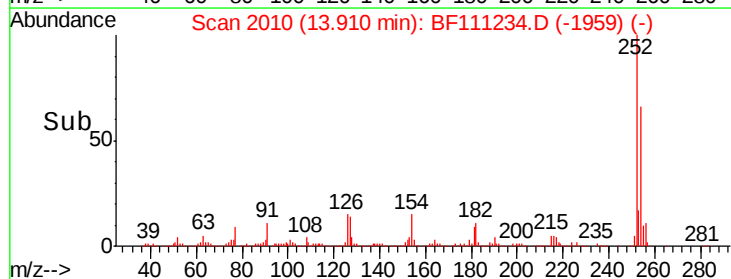
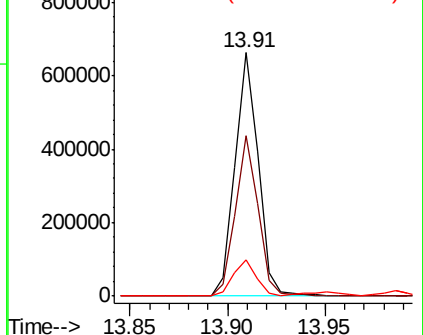


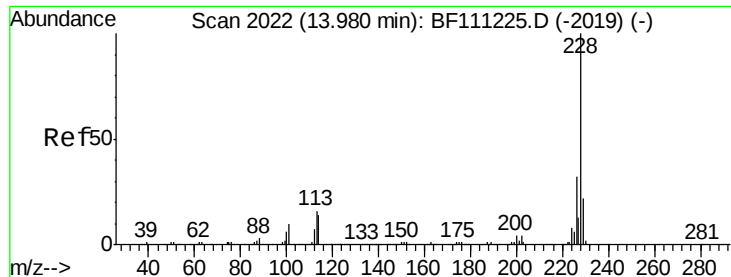
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

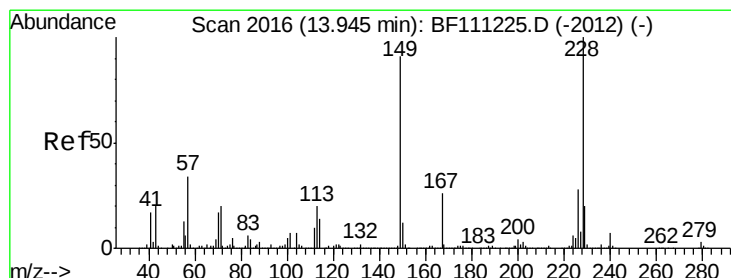
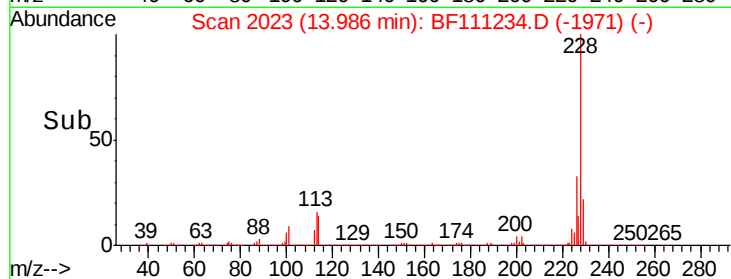
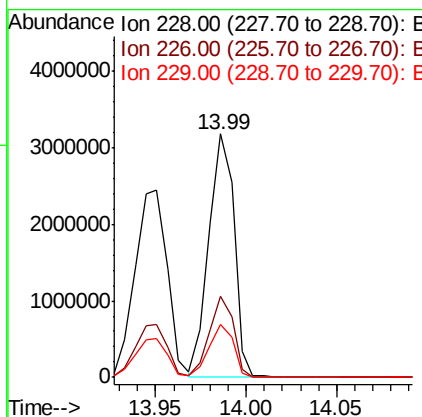
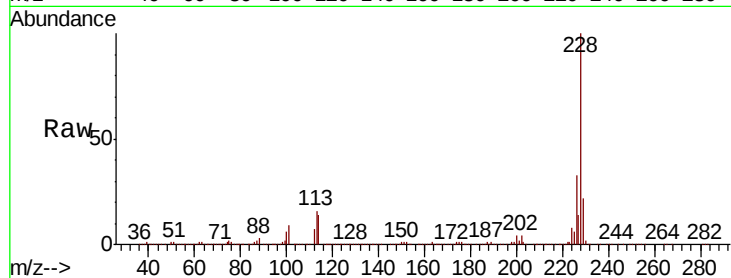




#83
 Chrvsene
 Concen: 46.024 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

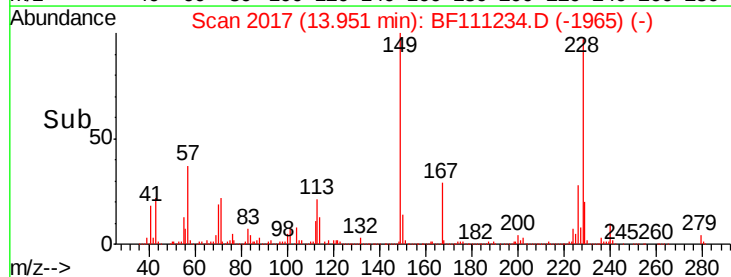
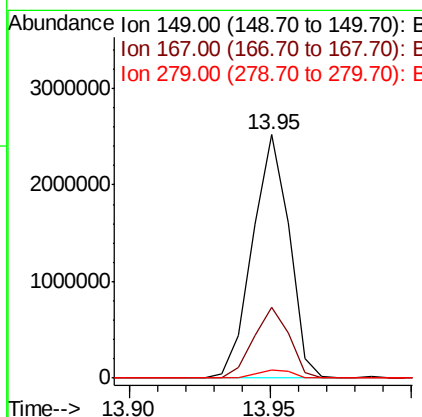
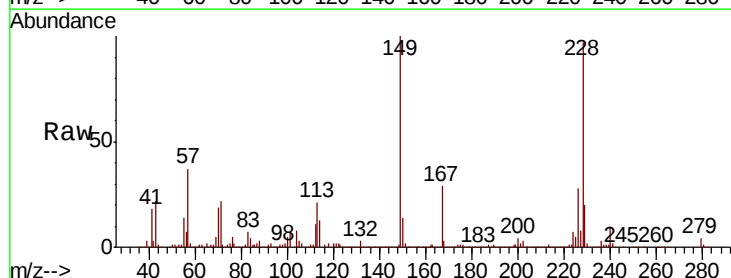
Instrument :
 BNA_F
 ClientSampleId :

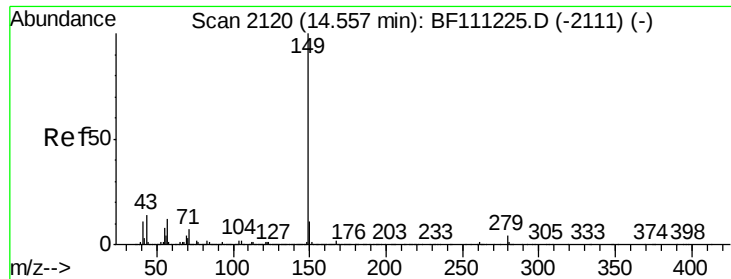
Tot Ion:228 Resp: 3098731
 Ion Ratio Lower Upper
 228 100
 226 33.3 25.3 37.9
 229 21.7 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.722 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt Ion:149 Resp: 2270042
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.5 33.7
 279 3.5 2.6 4.0

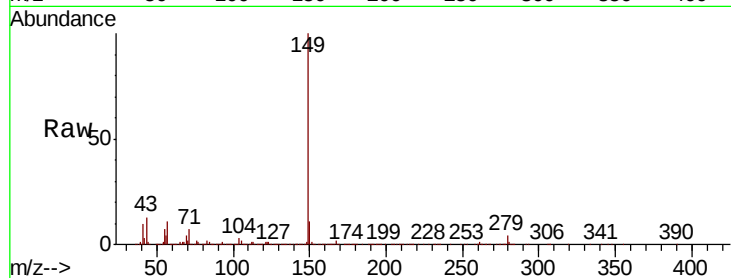




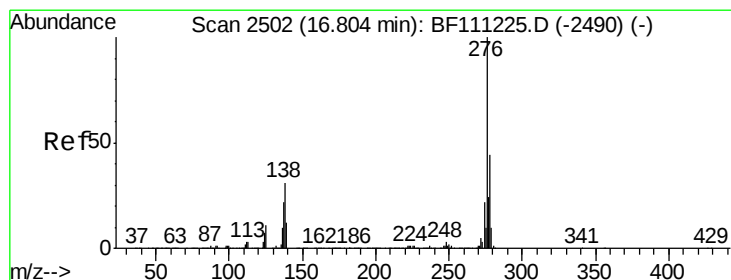
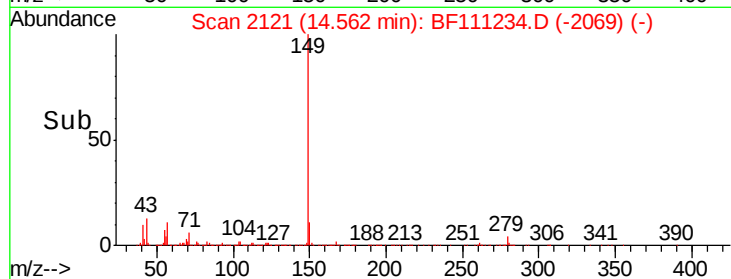
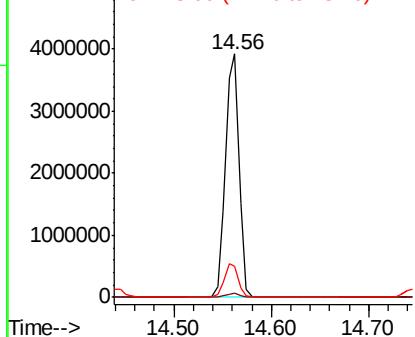
#85
Di-n-octyl phthalate
Concen: 43.583 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3792815
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.8 10.9 16.3

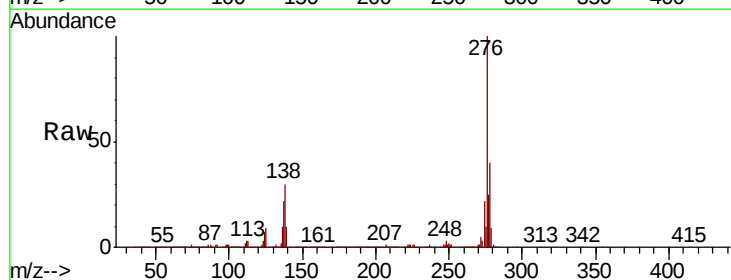


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

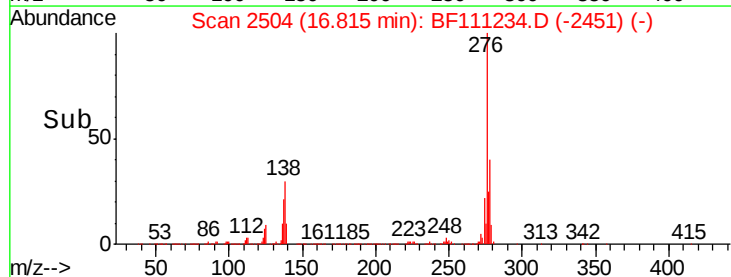
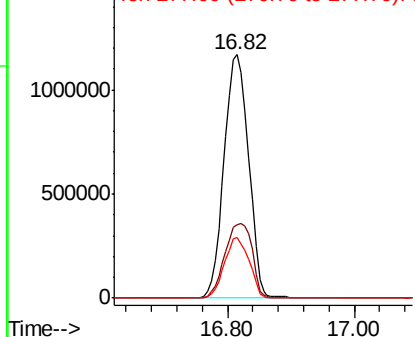


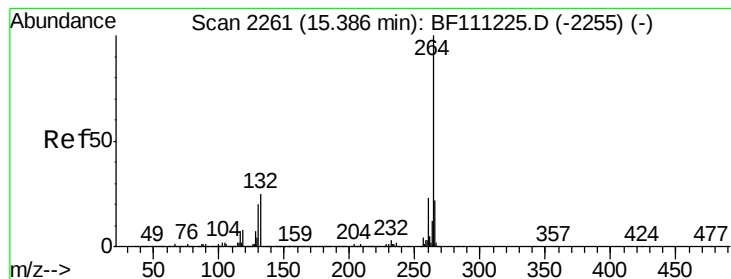
#86
Indeno(1,2,3-cd)pyrene
Concen: 57.311 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:276 Resp: 3114807
Ion Ratio Lower Upper
276 100
138 33.9 27.8 41.6
277 25.1 20.1 30.1



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: BF111234.D

Acq: 10 Dec 2018 11:28

Instrument :

BNA_F

ClientSampled :

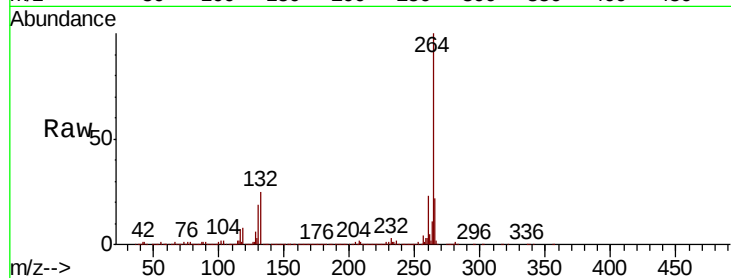
Tot Ion:264 Resp: 1025639

Ion Ratio Lower Upper

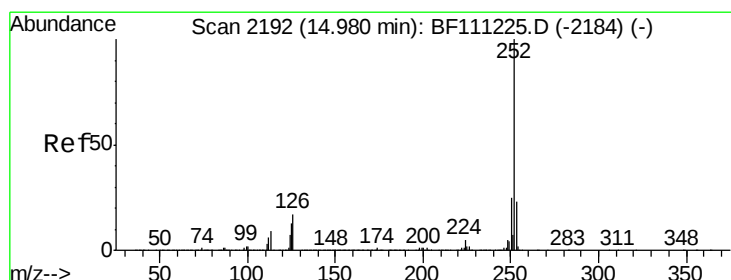
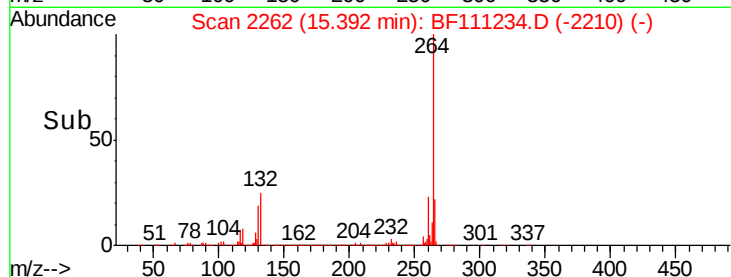
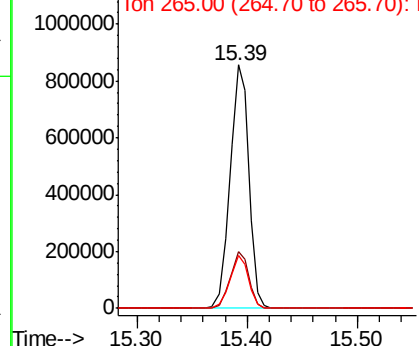
264 100

260 23.1 18.3 27.5

265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.602 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

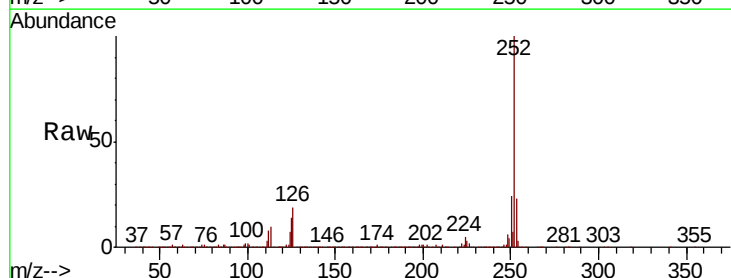
Tgt Ion:252 Resp: 2926857

Ion Ratio Lower Upper

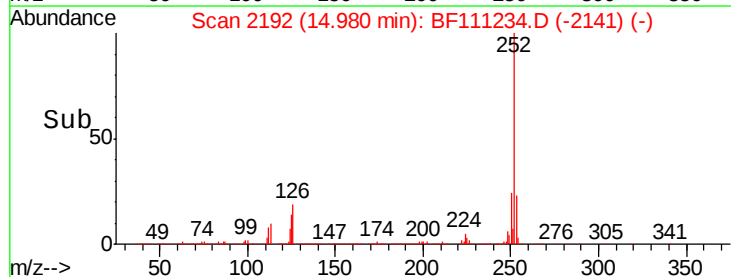
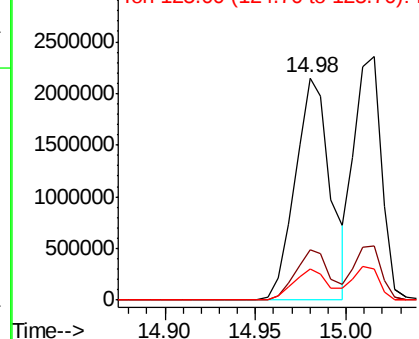
252 100

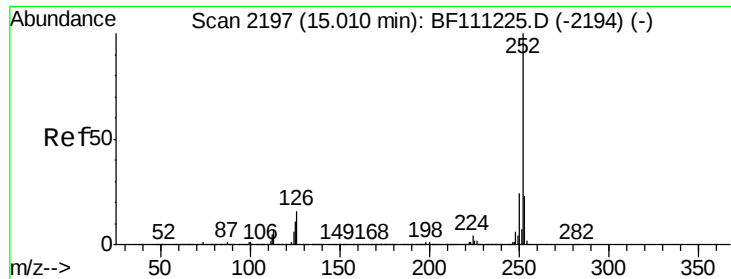
253 22.7 18.2 27.2

125 14.3 10.4 15.6



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

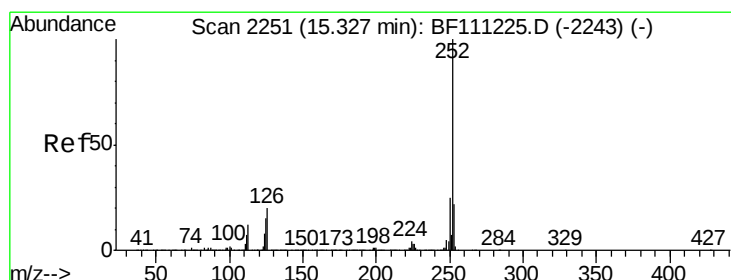
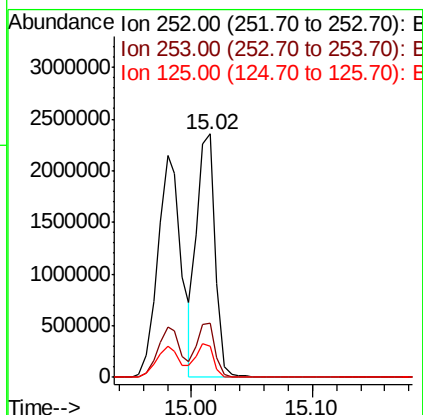
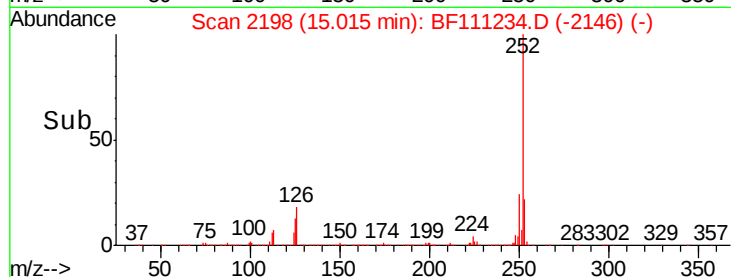
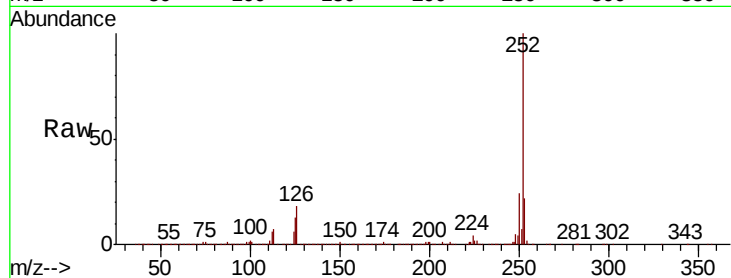




#89
Benzo(k)fluoranthene
Concen: 46.935 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

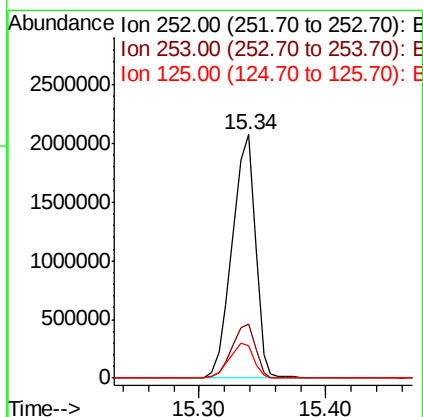
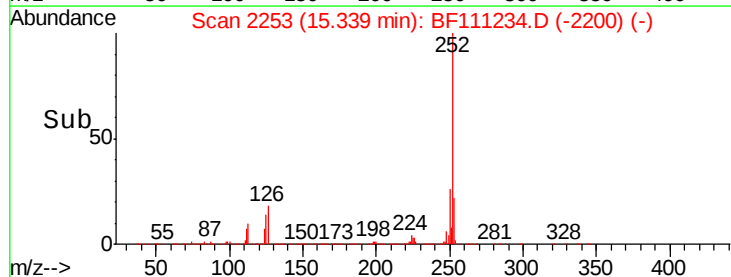
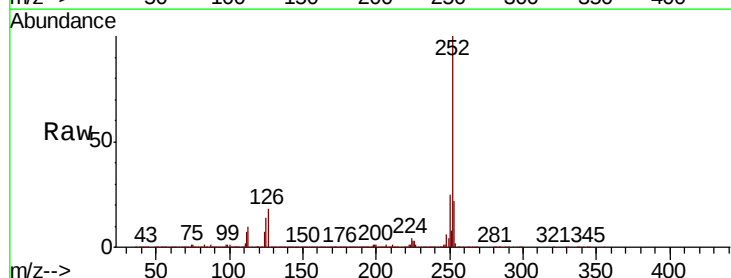
Instrument :
BNA_F
ClientSampleId :

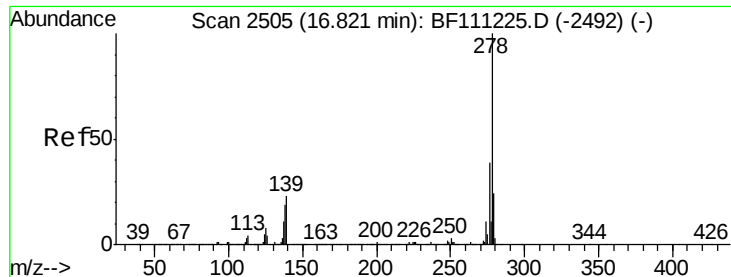
Tot Ion:252 Resp: 2502910
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 13.0 9.8 14.8



#90
Benzo(a)pyrene
Concen: 50.409 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:252 Resp: 2632947
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 13.6 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 61.668 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

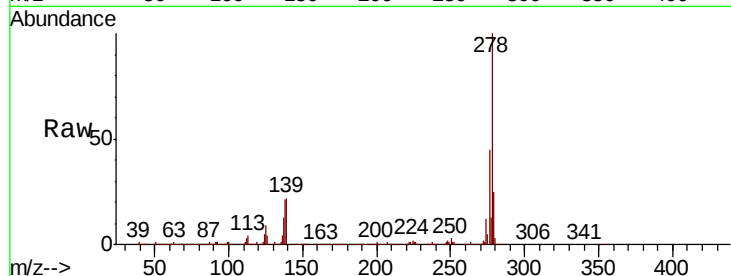
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2529950

Ion	Ratio	Lower	Upper
278	100		
139	22.0	18.2	27.4
279	24.9	19.0	28.6

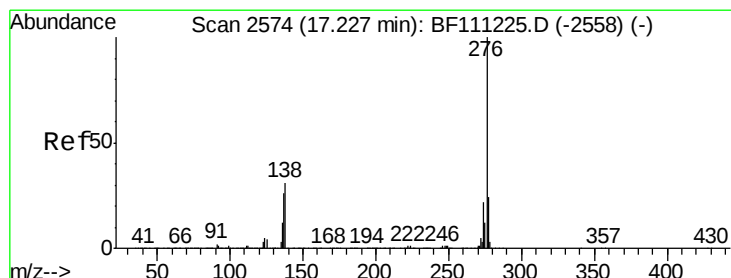
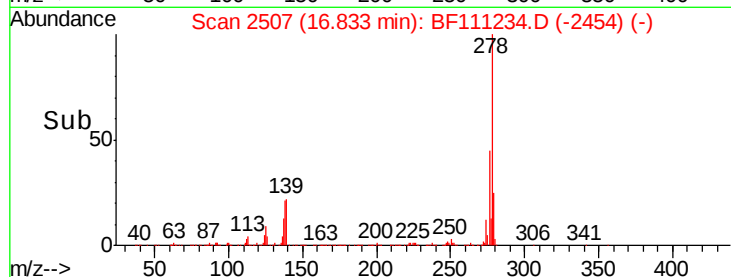
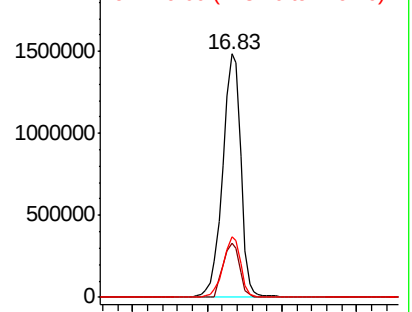


Abundance

Ion 278.00 (277.70 to 278.70): E

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: 64.884 ng

RT: 17.24 min Scan# 2577

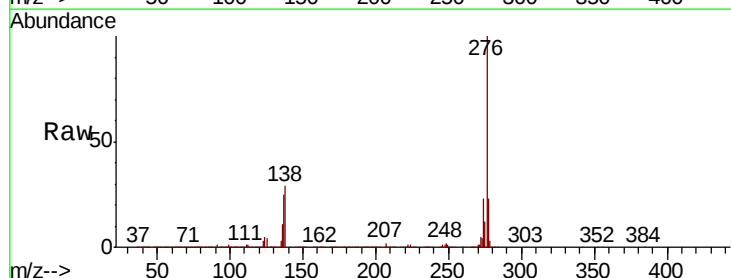
Delta R.T. 0.02 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Tgt Ion:276 Resp: 2664645

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	29.1	24.9	37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

