

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 :
 WC-2MS

Quant Time: Dec 10 15:39:16 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
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
41) Hexachlorocyclopentadiene	8.96	237	1359728	69.017	ng	99

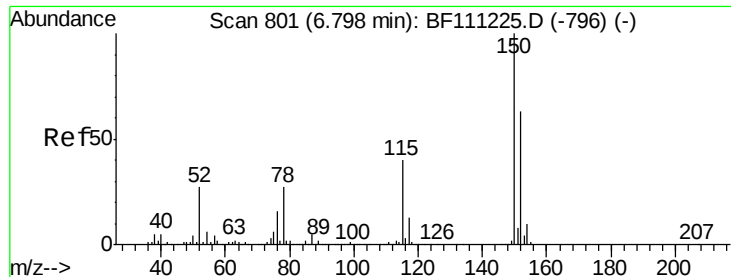
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.08	196	1049263	40.407	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	1182372	43.709	ng	98
46) 1,1'-Biphenyl	9.26	154	4016513	39.680	ng	97
47) 2-Chloronaphthalene	9.29	162	3317228	40.778	ng	98
48) 2-Nitroaniline	9.38	65	1247545	44.956	ng	98
49) Acenaphthylene	9.70	152	4953873	41.947	ng	97
50) Dimethylphthalate	9.57	163	4182532	45.594	ng	98
51) 2,6-Dinitrotoluene	9.63	165	967828	47.773	ng	97
52) Acenaphthene	9.87	154	3013770	40.666	ng	99
53) 3-Nitroaniline	9.79	138	584459	23.373	ng	97
54) 2,4-Dinitrophenol	9.89	184	40937	5.114	ng	# 1
55) Dibenzofuran	10.05	168	4332696	42.973	ng	94
56) 4-Nitrophenol	9.95	139	1098937	56.428	ng	97
57) 2,4-Dinitrotoluene	10.03	165	1235685	49.478	ng	97
58) Fluorene	10.39	166	3180473	40.764	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	804867	39.254	ng	100
60) Diethylphthalate	10.27	149	3737106	42.731	ng	97
61) 4-Chlorophenyl-phenylether	10.38	204	1465583	37.832	ng	97
62) 4-Nitroaniline	10.40	138	1018290	43.038	ng	99
63) Azobenzene	10.54	77	3736298	41.149	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	200233	16.858	ng	86
66) n-Nitrosodiphenylamine	10.50	169	3110323	43.773	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	983285	43.008	ng	96
68) Hexachlorobenzene	10.94	284	999963	42.995	ng	94
69) Atrazine	11.03	200	1003154	46.426	ng	97
70) Pentachlorophenol	11.13	266	899582	53.318	ng	95
71) Phenanthrene	11.35	178	4458196	42.344	ng	98
72) Anthracene	11.40	178	4523180	41.064	ng	97
73) Carbazole	11.55	167	4538241	39.402	ng	97
74) Di-n-butylphthalate	11.89	149	5001132	42.244	ng	97
75) Fluoranthene	12.53	202	4346995	45.197	ng	94
77) Benzidine	12.65	184	865852	24.910	ng	97
78) Pyrene	12.76	202	4396496	52.556	ng	97
80) Butylbenzylphthalate	13.39	149	2129879	48.745	ng	98
81) Benzo(a)anthracene	13.95	228	3030201	46.398	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	548485	20.490	ng	99
83) Chrysene	13.99	228	3098731	46.024	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2270042	43.722	ng	98
85) Di-n-octyl phthalate	14.56	149	3792815	43.583	ng	100
86) Indeno(1,2,3-cd)pyrene	16.82	276	3114807	57.311	ng	99
88) Benzo(b)fluoranthene	14.98	252	2926857	51.602	ng	99
89) Benzo(k)fluoranthene	15.02	252	2502910	46.935	ng	99
90) Benzo(a)pyrene	15.34	252	2632947	50.409	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	2529950	61.668	ng	98
92) Benzo(g,h,i)perylene	17.24	276	2664645	64.884	ng	97

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

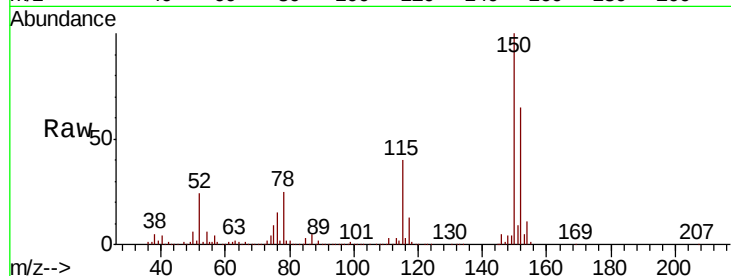


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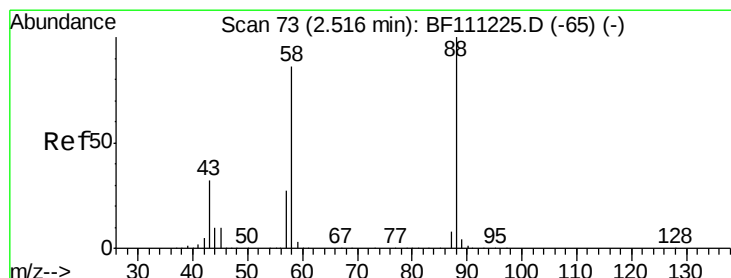
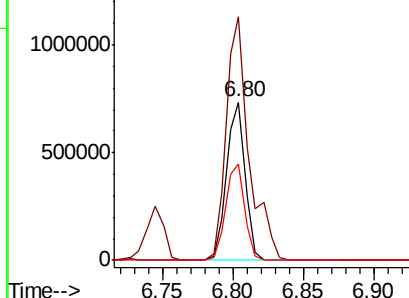
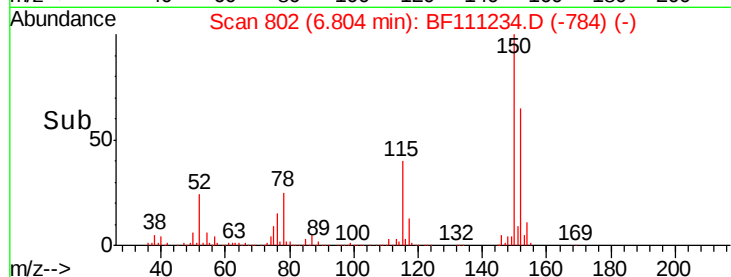
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

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



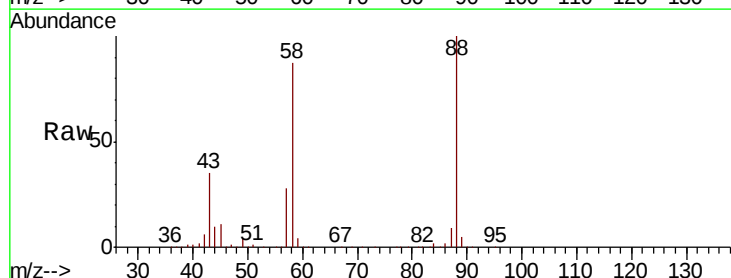
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



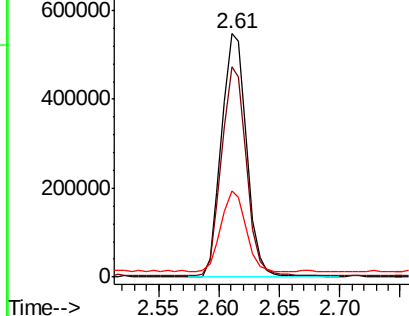
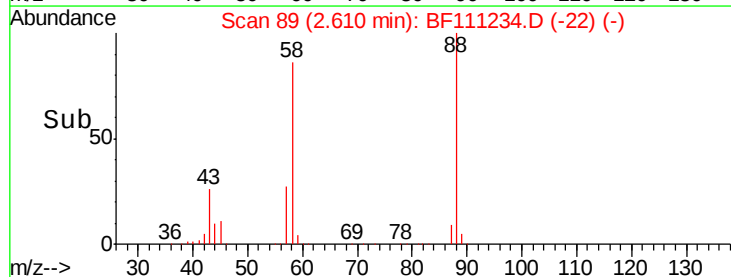
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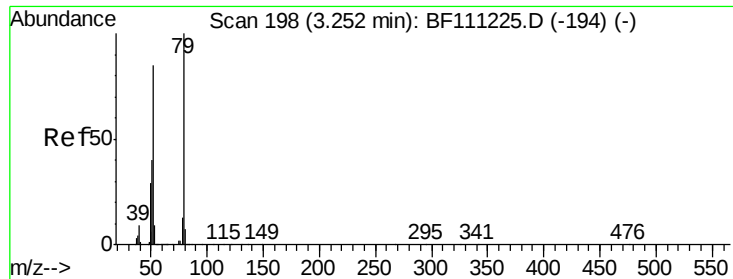
1,4-Dioxane
Concen: 35.890 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.09 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

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



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





#3

Pvridine

Concen: 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

ClientSampleId :

WC-2MS

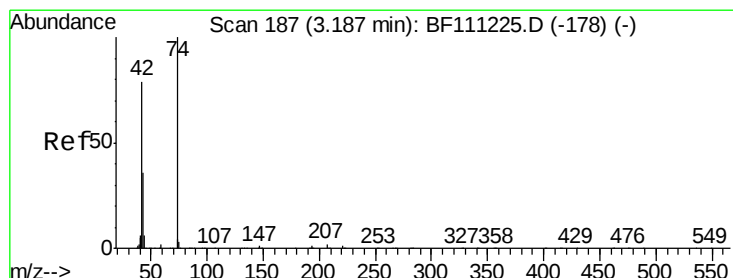
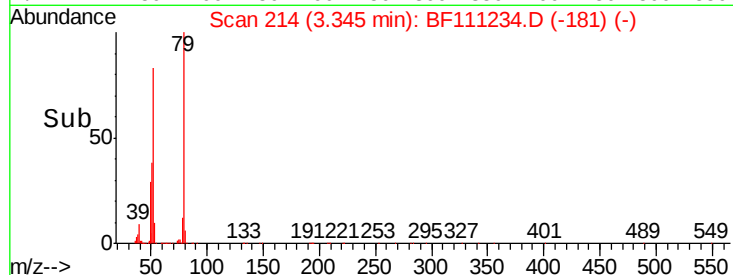
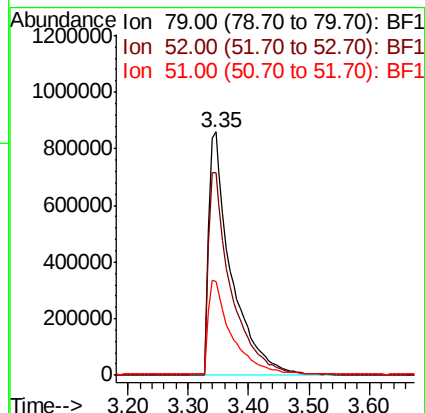
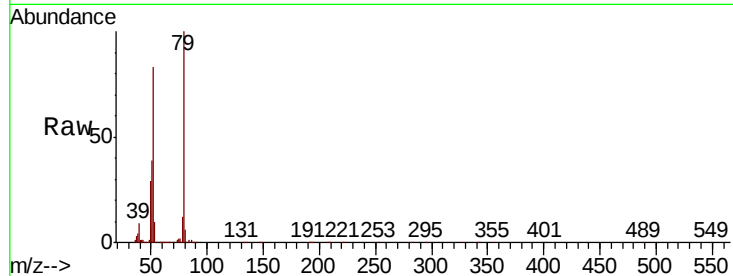
Tot Ion: 79 Resp: 2226094

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

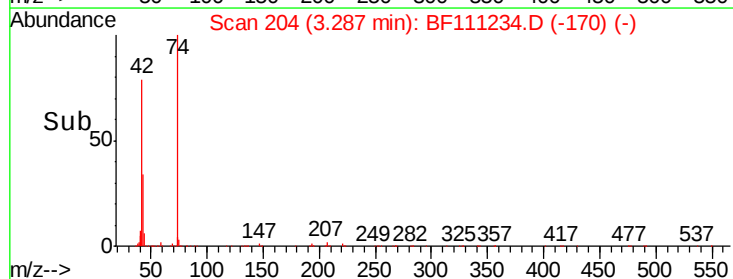
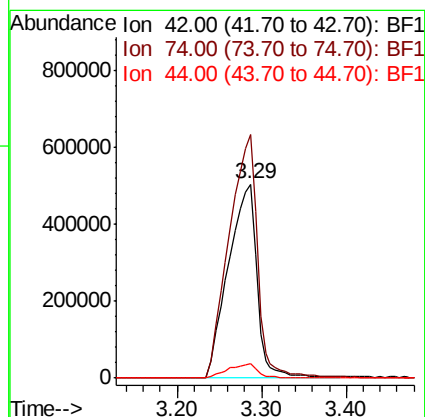
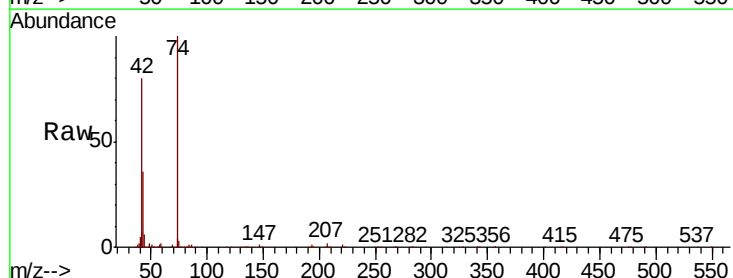
Tgt Ion: 42 Resp: 1174042

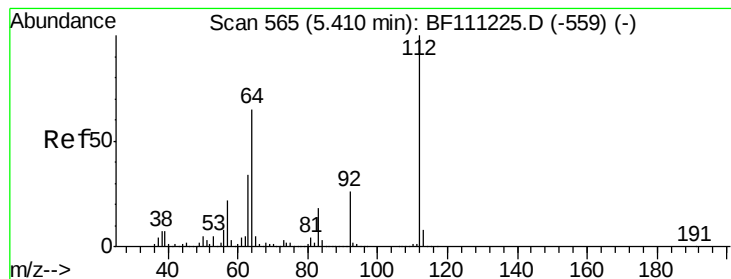
Ion Ratio Lower Upper

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 :

WC-2MS

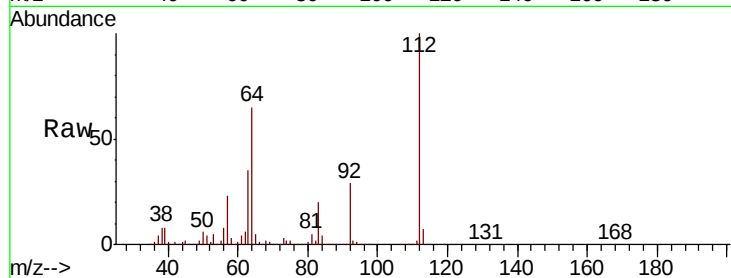
Tot Ion:112 Resp: 4813871

Ion Ratio Lower Upper

112 100

64 65.0 51.8 77.6

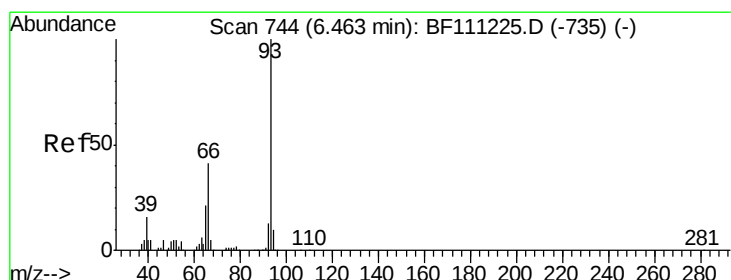
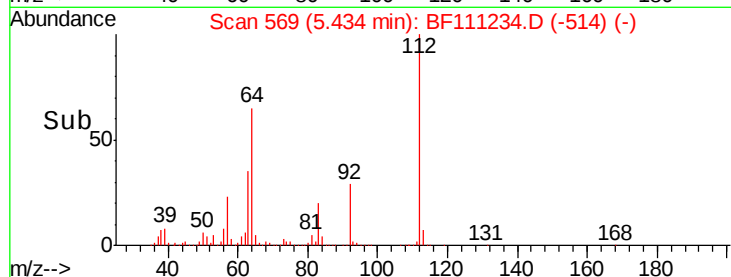
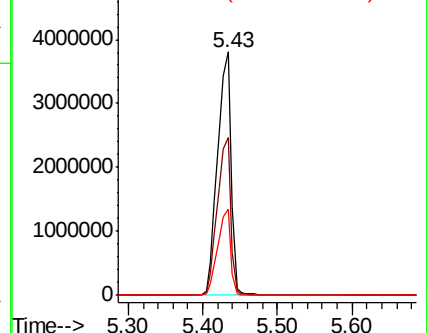
63 35.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

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

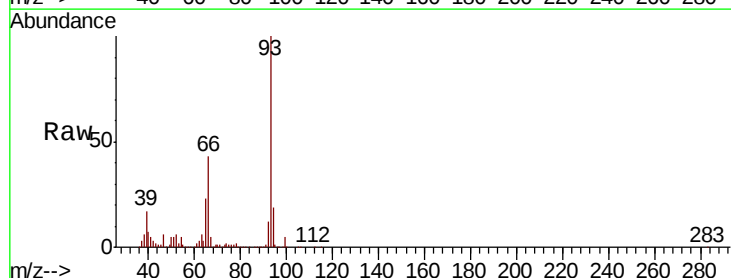
Tgt Ion: 93 Resp: 1335785

Ion Ratio Lower Upper

93 100

66 42.9 33.2 49.8

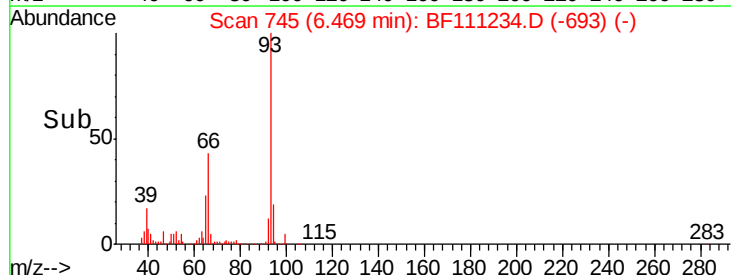
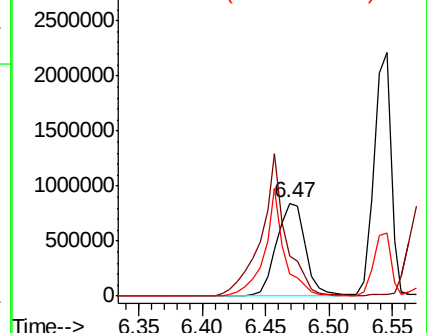
65 23.3 17.0 25.4

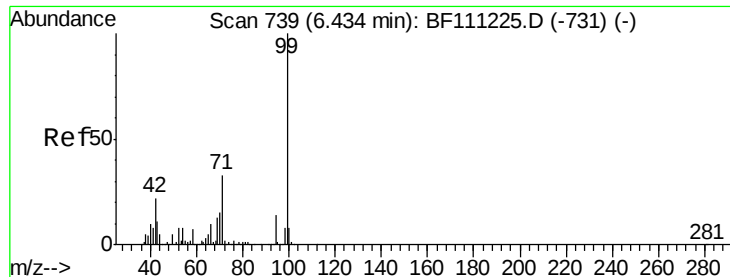


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

ClientSampleId :

WC-2MS

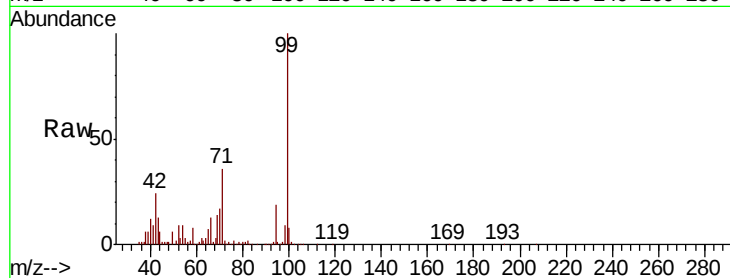
Tot Ion: 99 Resp: 6478266

Ion Ratio Lower Upper

99 100

42 24.3 17.4 26.0

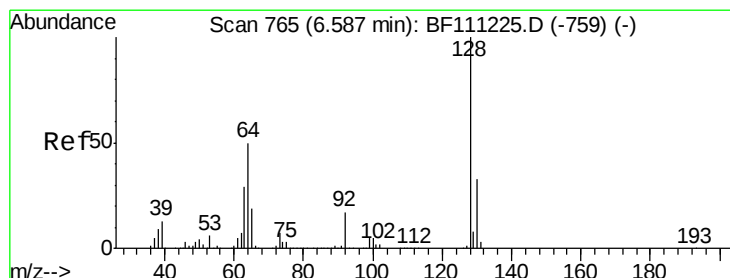
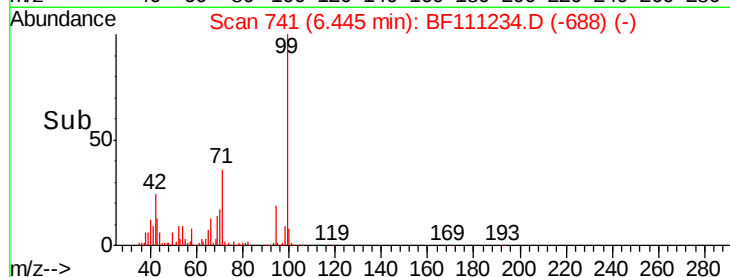
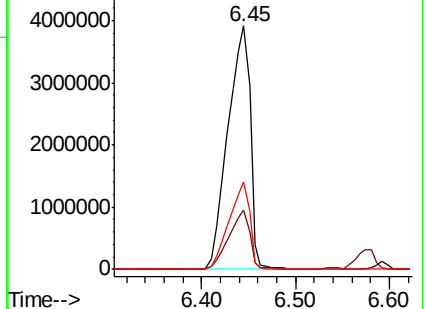
71 36.0 26.1 39.1



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

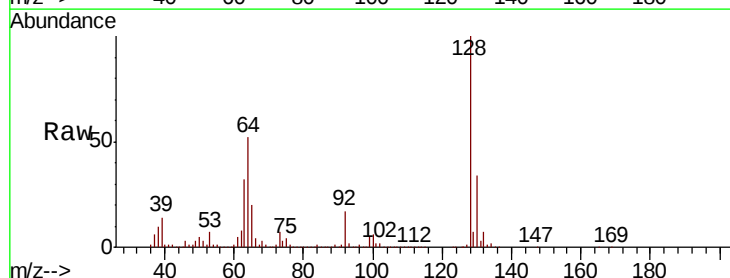
Tgt Ion: 128 Resp: 2007904

Ion Ratio Lower Upper

128 100

130 34.5 12.7 52.7

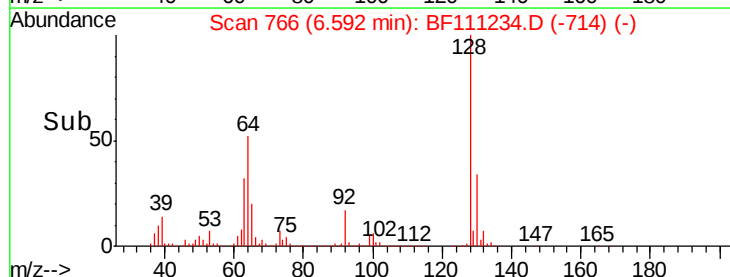
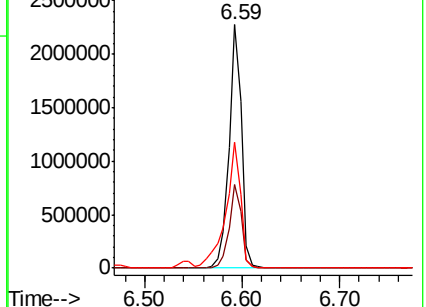
64 51.7 30.0 70.0

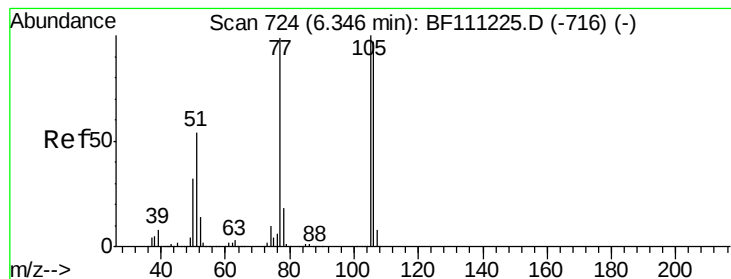


Abundance Ion 128.00 (127.70 to 128.70): E

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 :

WC-2MS

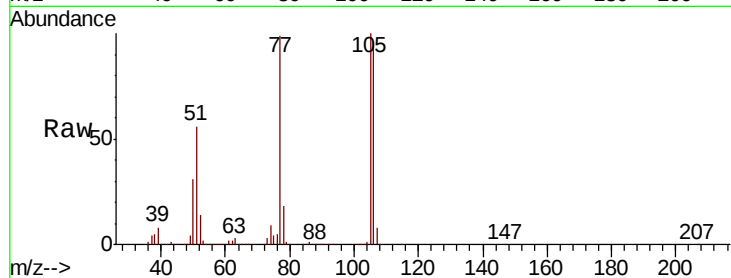
Tot Ion: 77 Resp: 911249

Ion Ratio Lower Upper

77 100

105 100.9 81.4 121.4

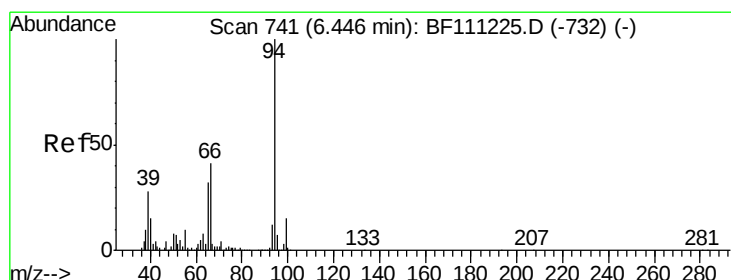
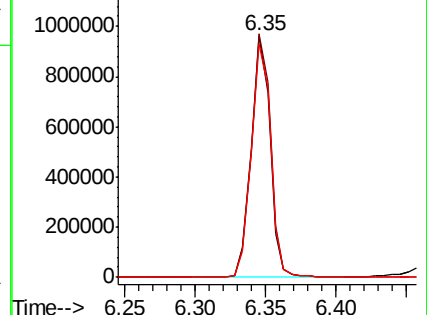
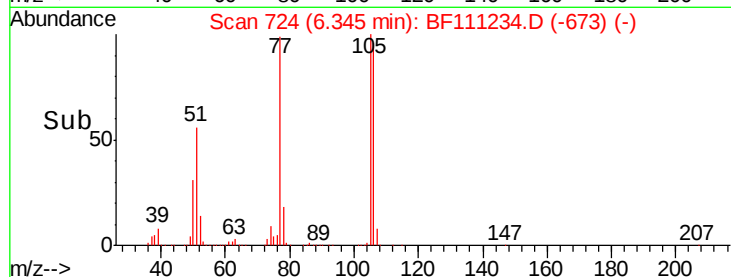
106 96.5 77.9 117.9



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

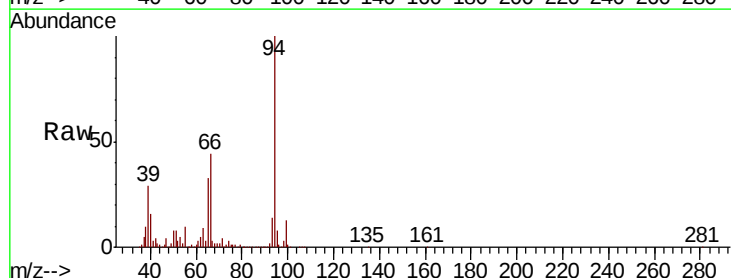
Tgt Ion: 94 Resp: 2719973

Ion Ratio Lower Upper

94 100

65 33.0 11.7 51.7

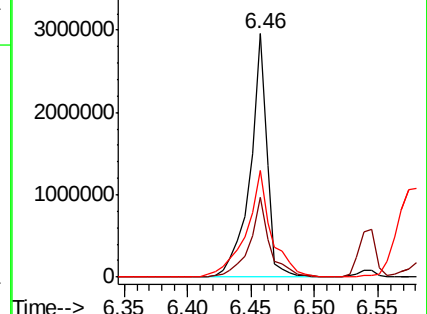
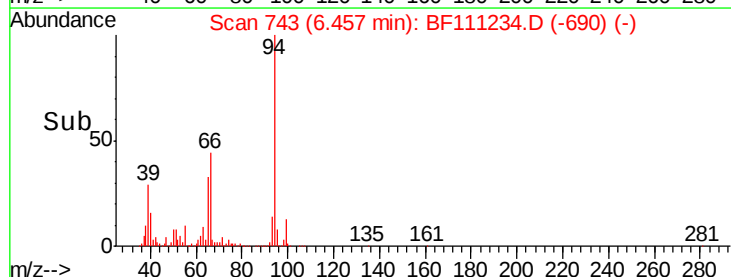
66 43.9 21.0 61.0

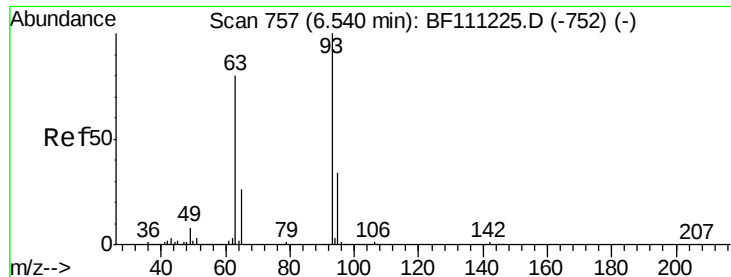


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



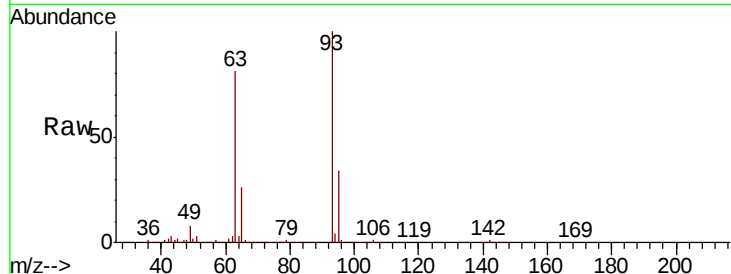


#11
bis(2-Chloroethyl)ether
Concen: 42.445 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

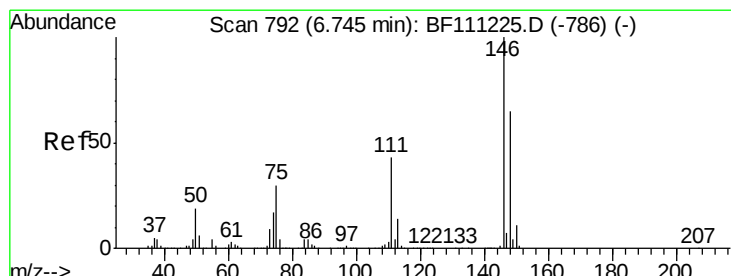
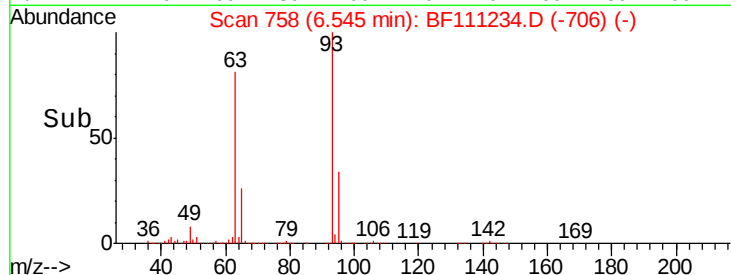
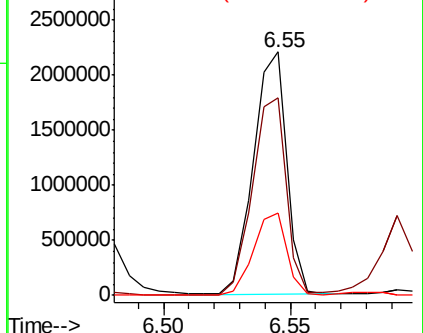
Instrument :
BNA_F
ClientSampled :
WC-2MS

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



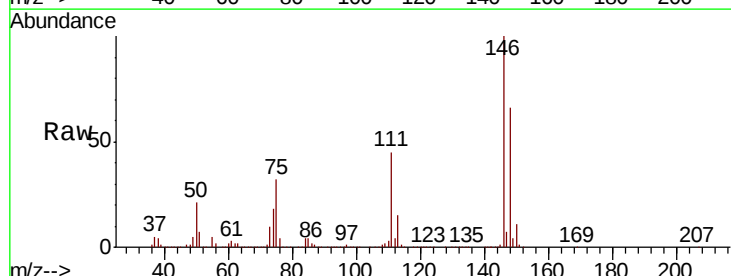
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



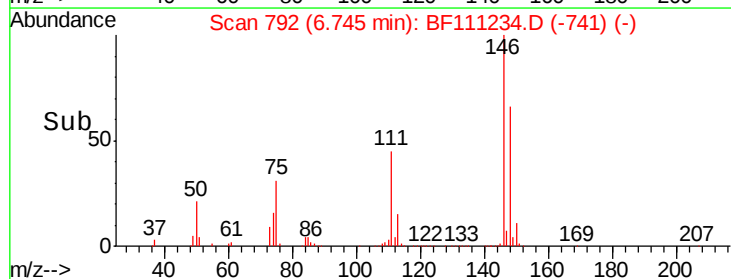
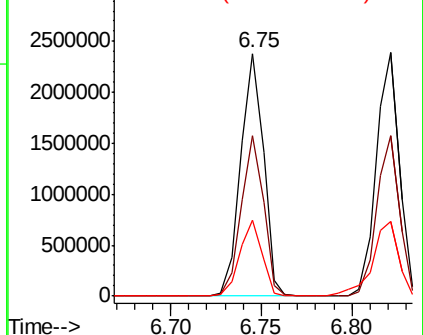
#12
1,3-Dichlorobenzene
Concen: 40.316 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

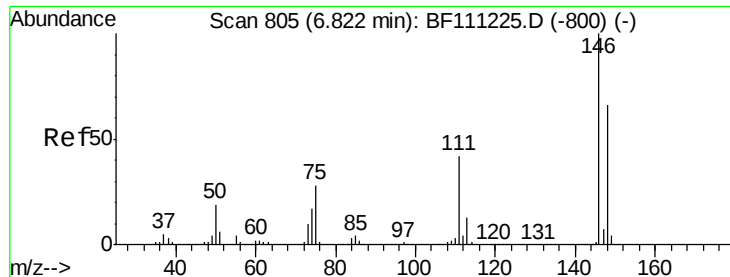
Tgt Ion: 146 Resp: 2089903

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

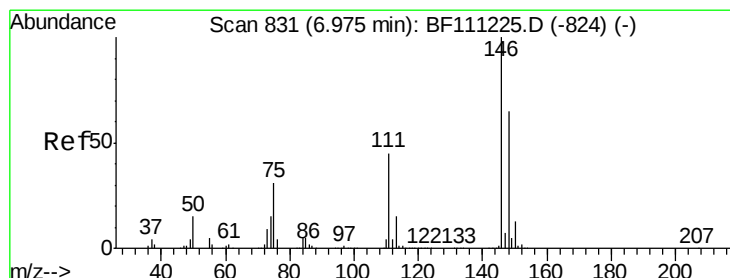
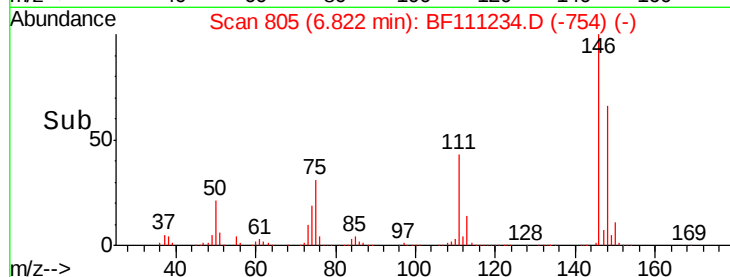
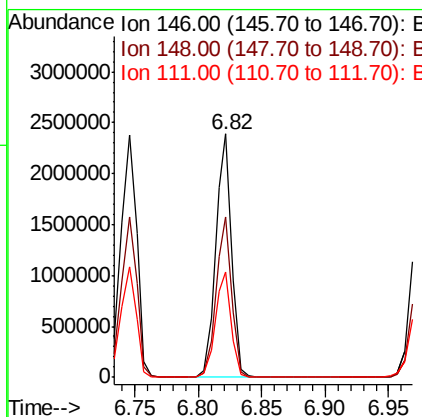
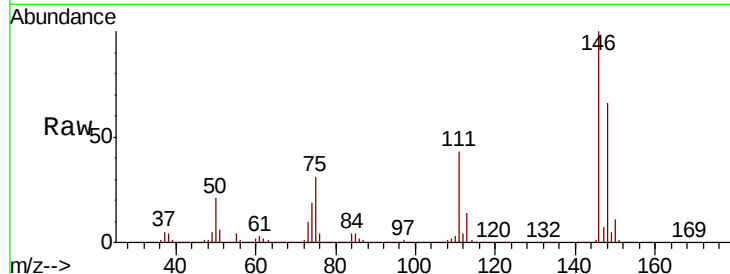




#13
 1,4-Dichlorobenzene
 Concen: 40.300 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

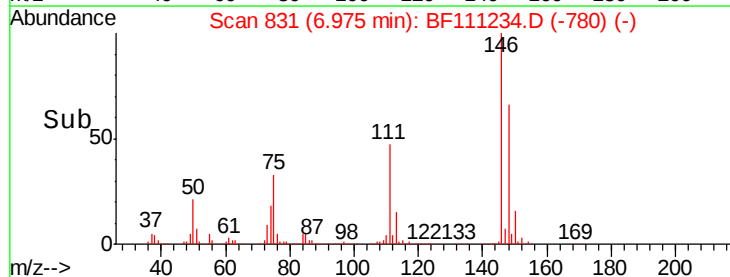
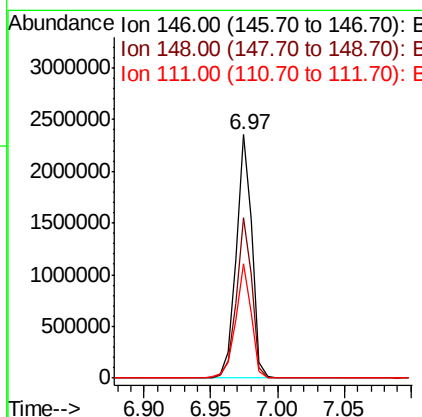
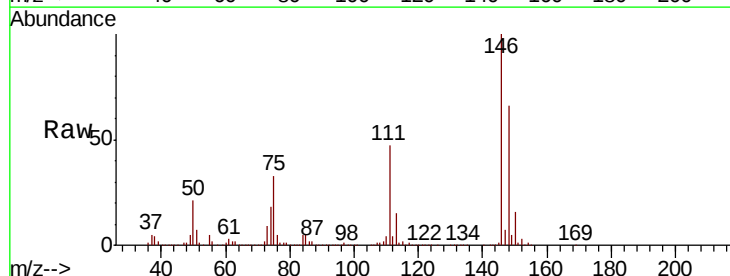
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

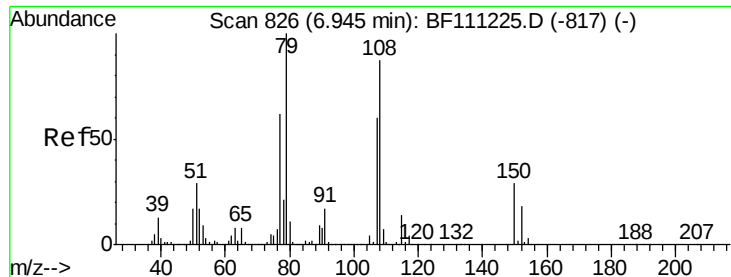
Tot Ion:146 Resp: 2109381
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.8 79.2
 111 43.4 33.4 50.0



#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

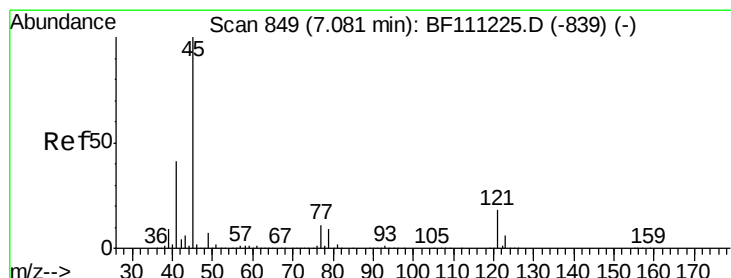
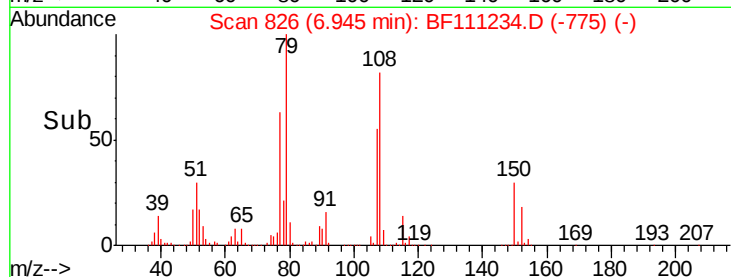
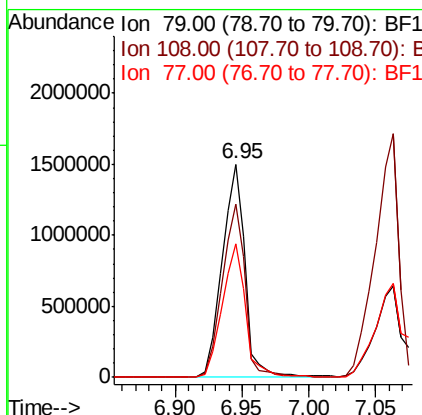
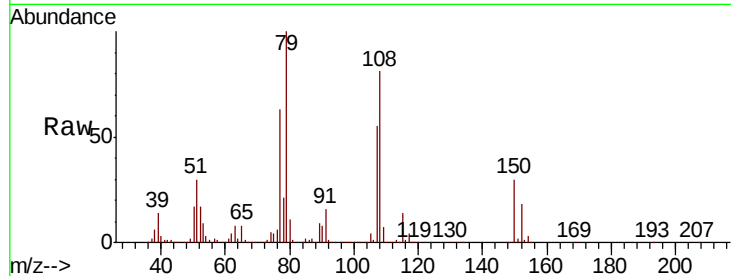




#15
Benzyl Alcohol
Concen: 43.599 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

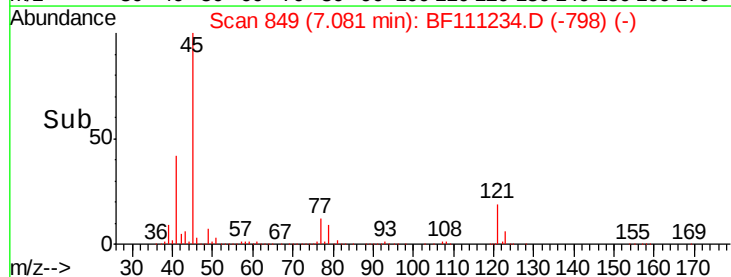
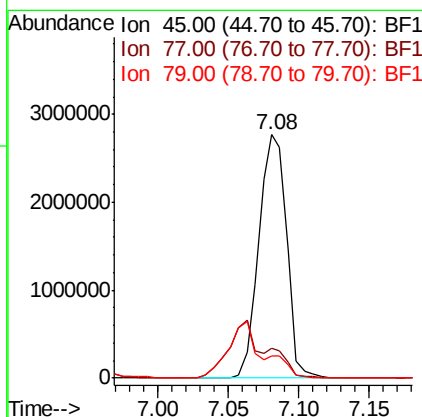
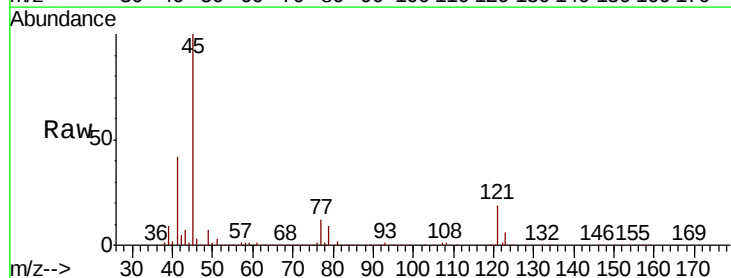
Instrument :
BNA_F
ClientSampled :
WC-2MS

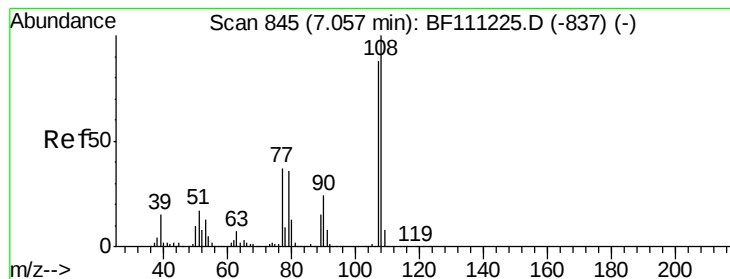
Tot Ion: 79 Resp: 1819871
Ion Ratio Lower Upper
79 100
108 81.5 69.4 104.2
77 62.6 49.7 74.5



#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

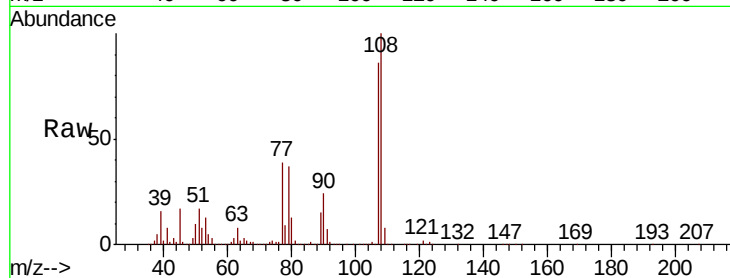




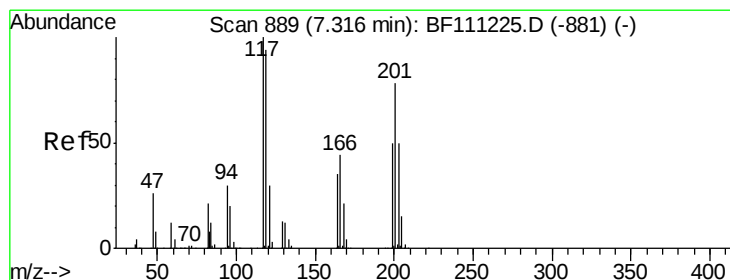
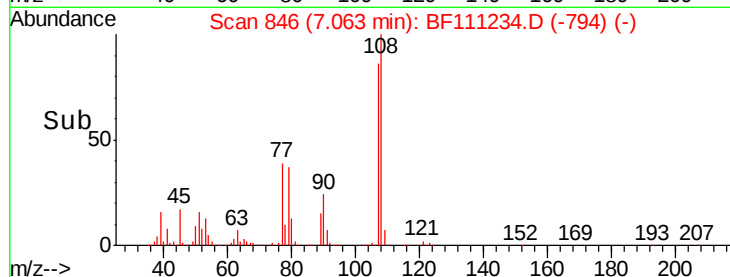
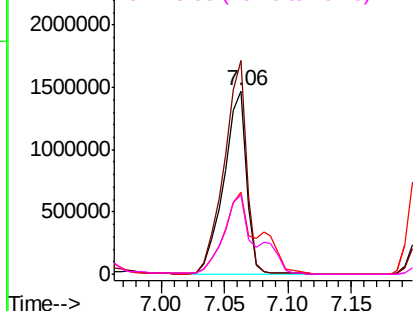
#17
2-Methylphenol
Concen: 46.523 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

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

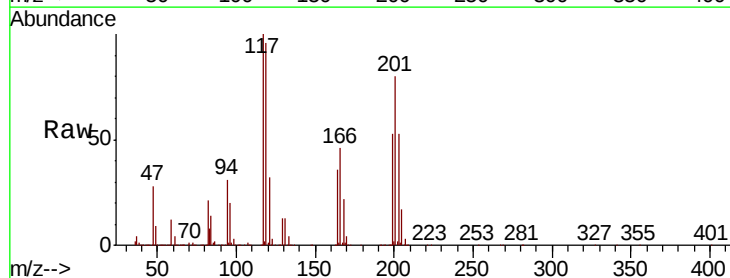


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

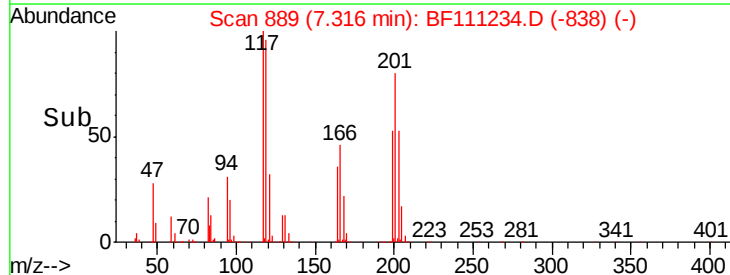
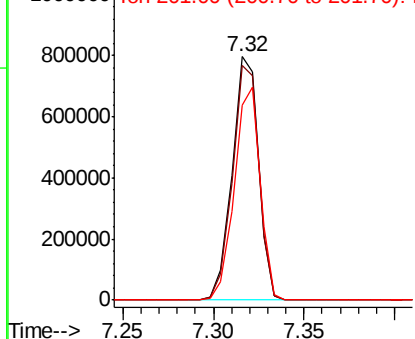


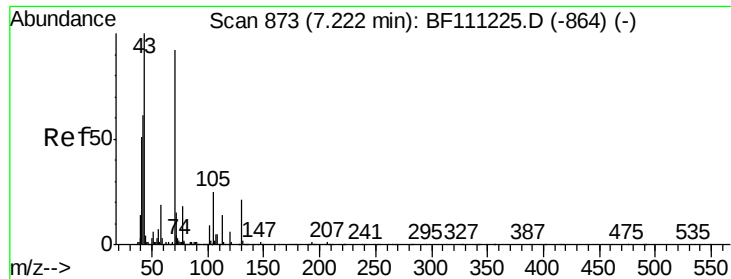
#18
Hexachloroethane
Concen: 40.483 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

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

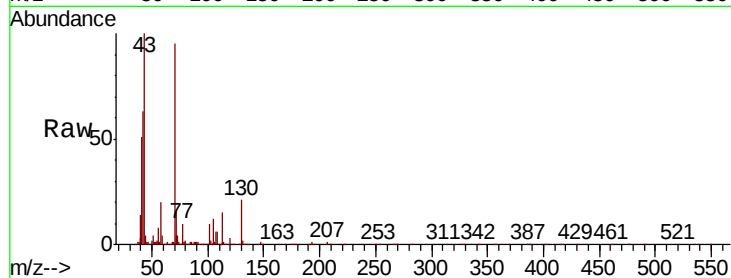




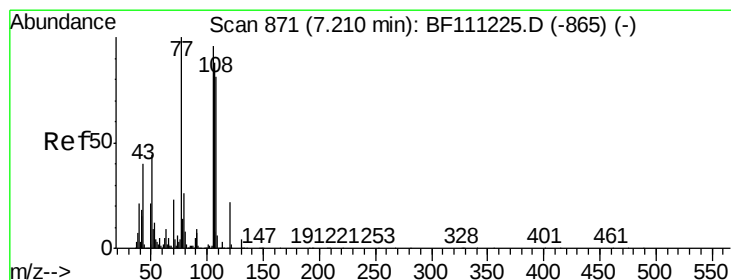
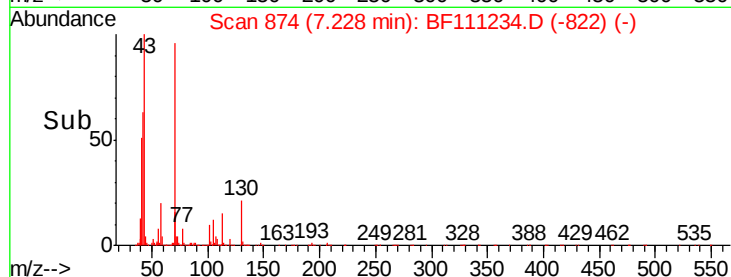
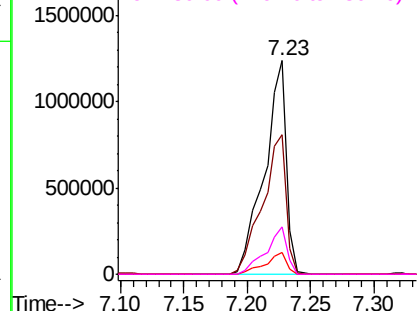
#19
n-Nitroso-di-n-propylamine
Concen: 42.210 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

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

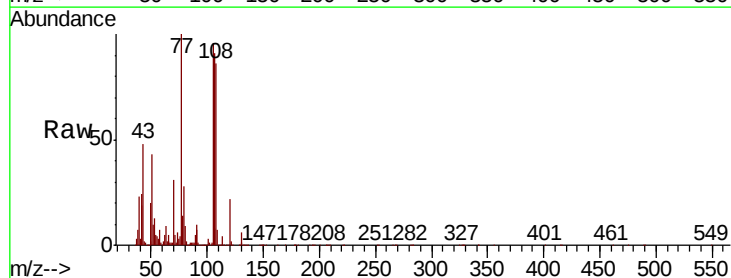


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

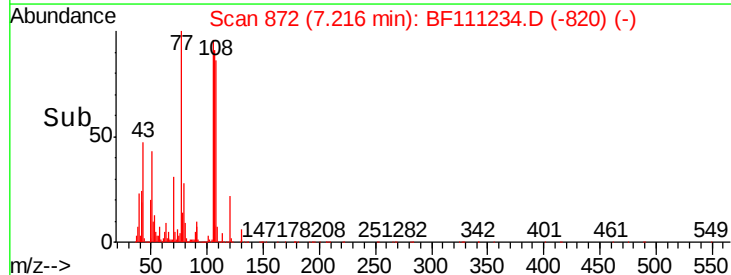
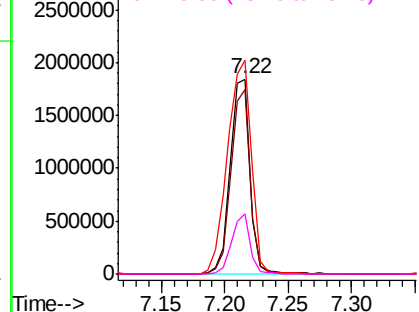


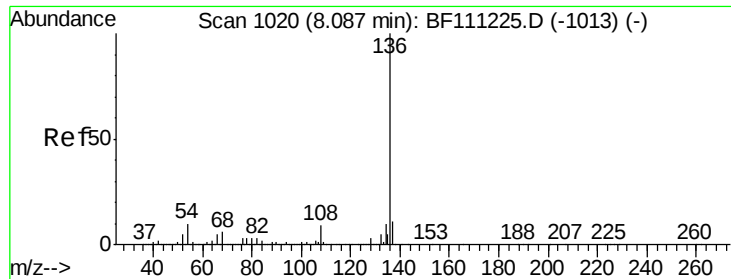
#20
3+4-Methylphenols
Concen: 42.192 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

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

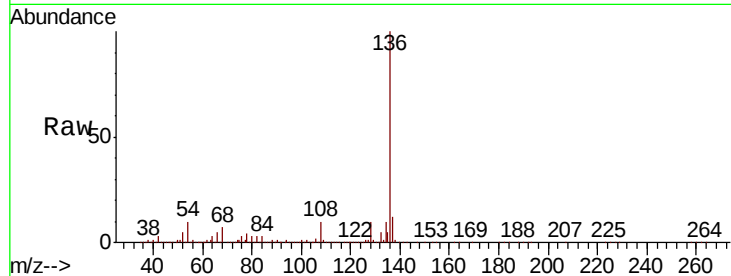




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

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



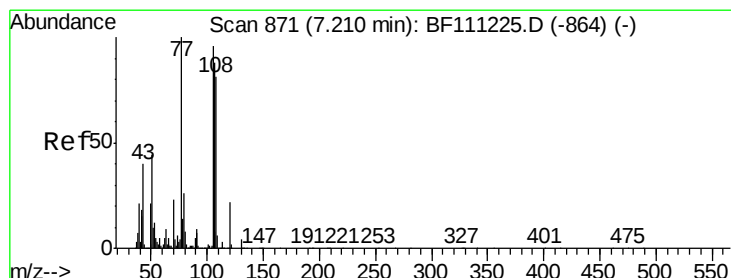
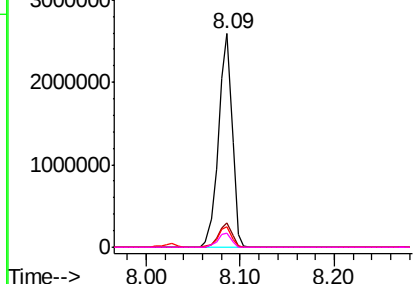
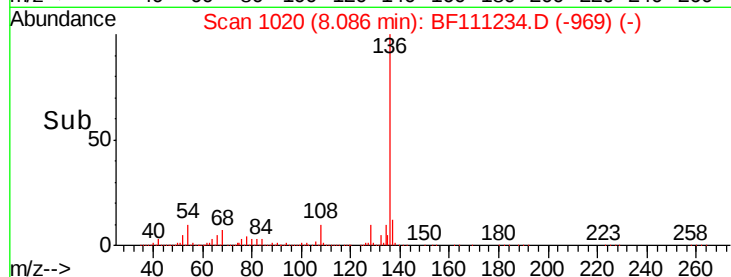
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

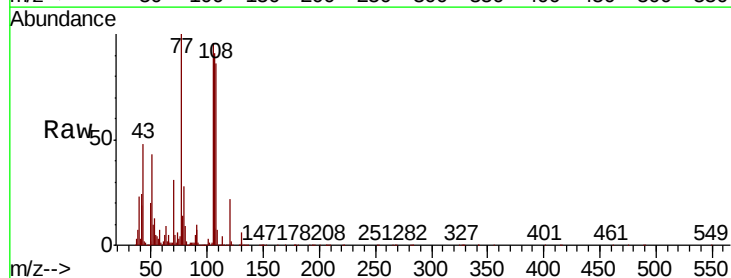
Ion 54.00 (53.70 to 54.70): BF1

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



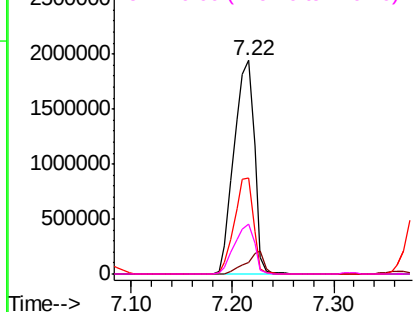
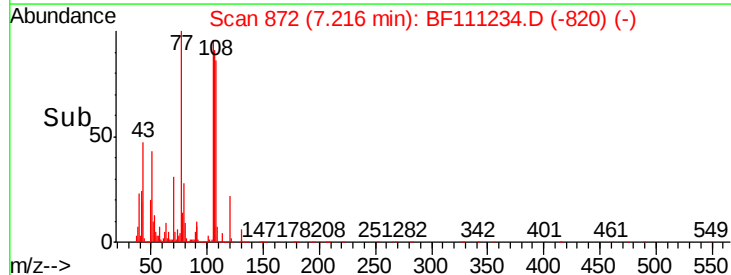
Abundance

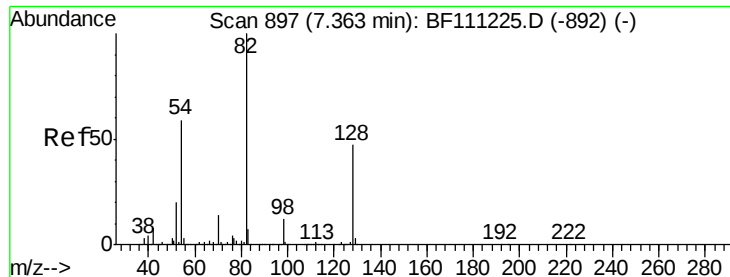
Ion 105.00 (104.70 to 105.70): E

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

ClientSampleId :

WC-2MS

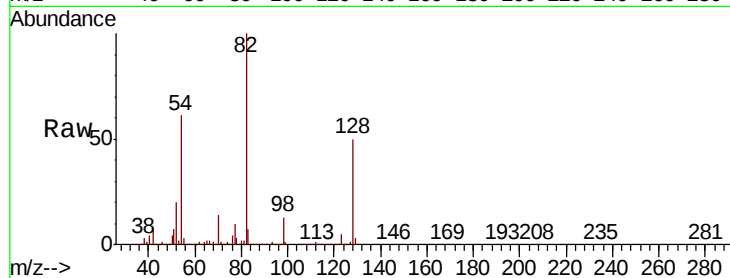
Tot Ion: 82 Resp: 4278353

Ion Ratio Lower Upper

82 100

128 49.6 37.4 56.2

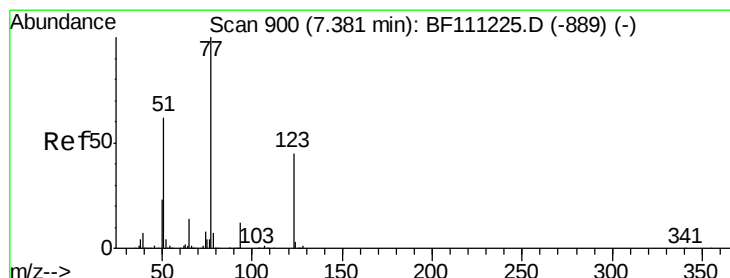
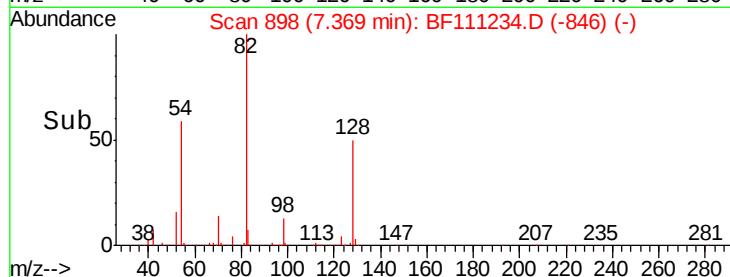
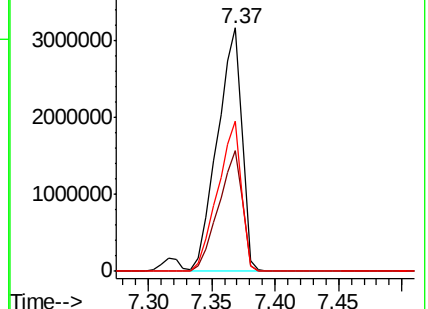
54 61.4 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#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

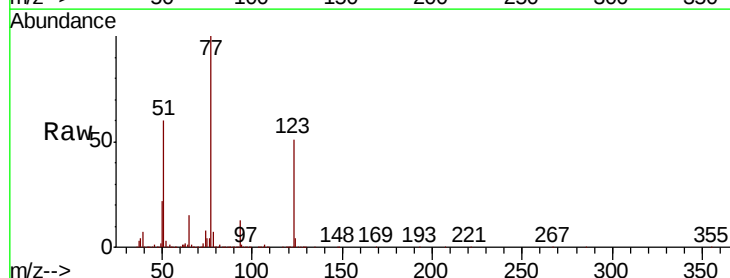
Tgt Ion: 77 Resp: 2181364

Ion Ratio Lower Upper

77 100

123 50.6 37.2 55.8

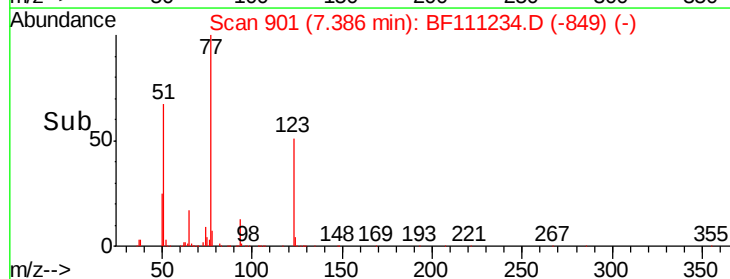
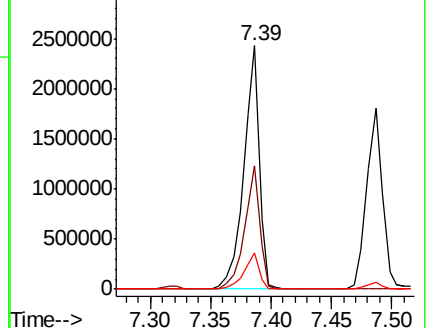
65 14.7 11.5 17.3

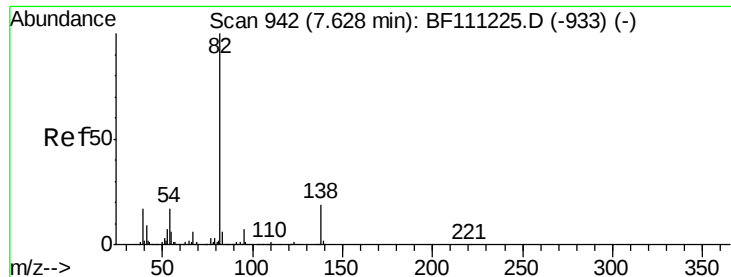


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#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 :

WC-2MS

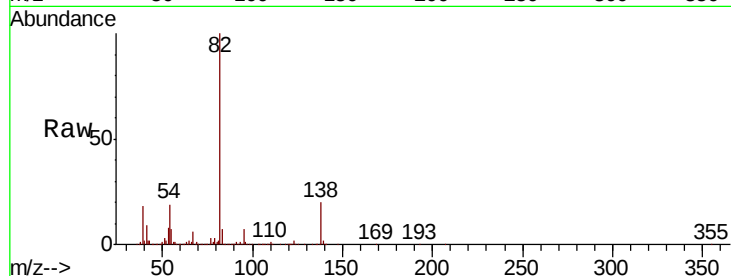
Tot Ion: 82 Resp: 4104389

Ion Ratio Lower Upper

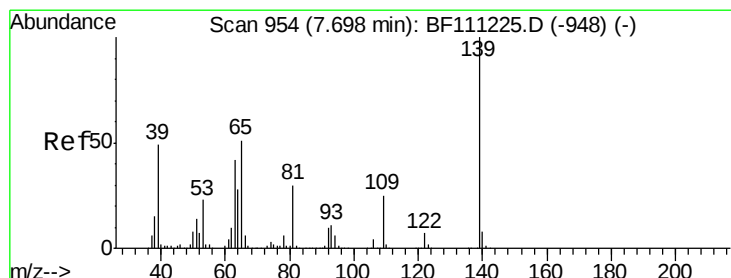
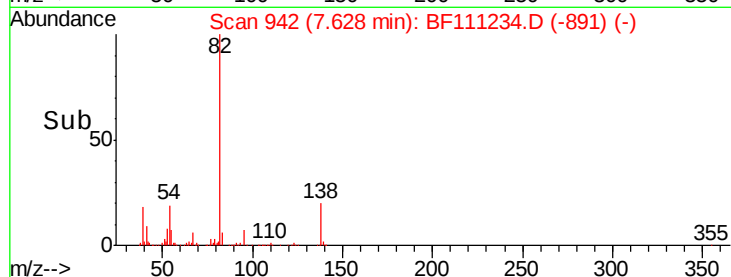
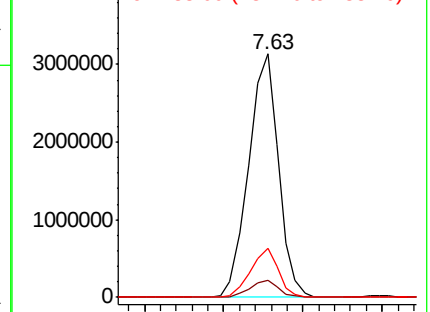
82 100

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

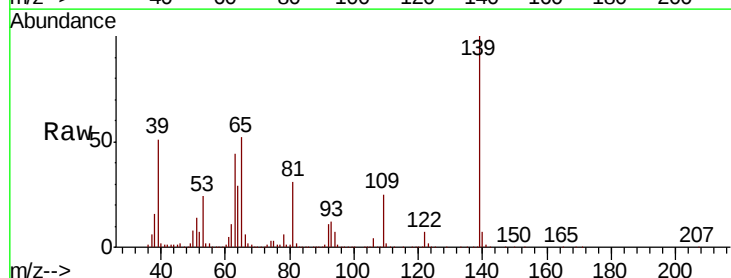
Tgt Ion: 139 Resp: 1128242

Ion Ratio Lower Upper

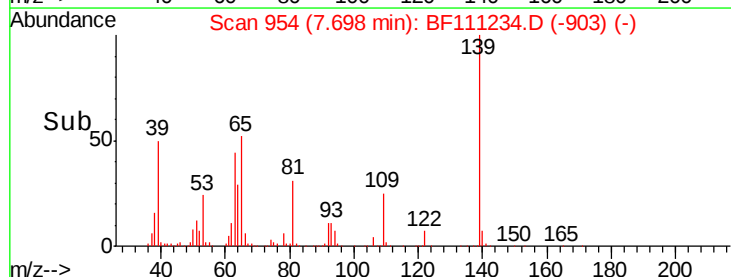
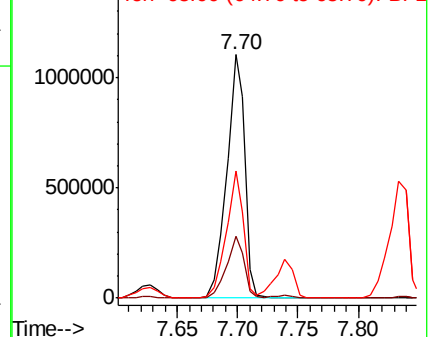
139 100

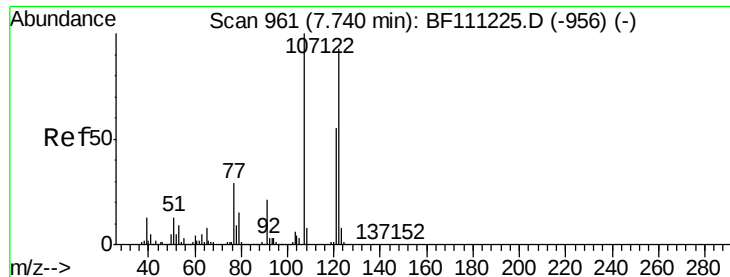
109 25.5 20.2 30.4

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

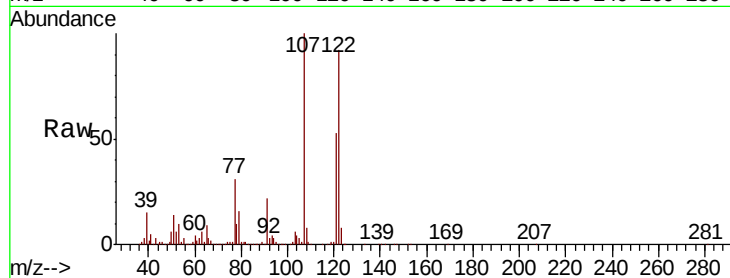




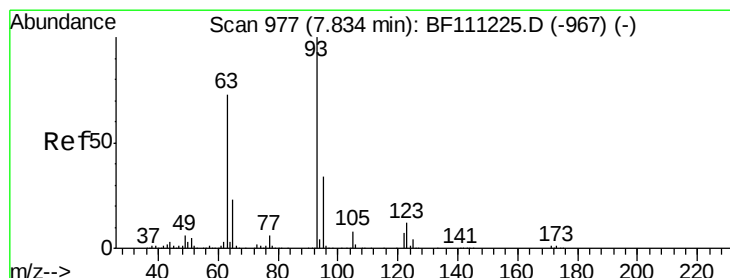
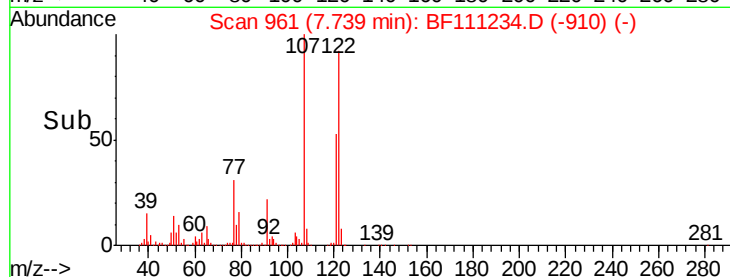
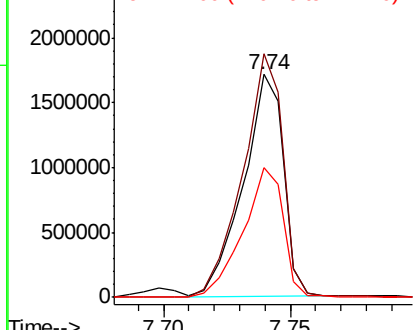
#27
2,4-Dimethylphenol
Concen: 50.470 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

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

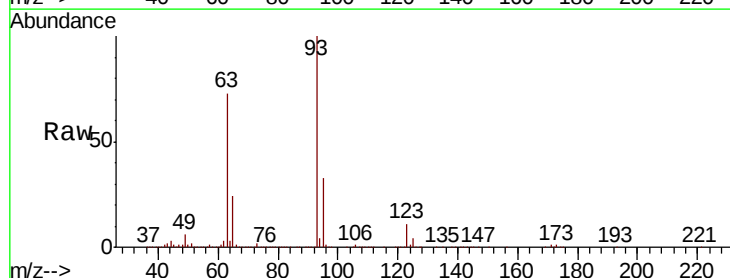


Abundance Ion 122.00 (121.70 to 122.70): E
2500000 Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

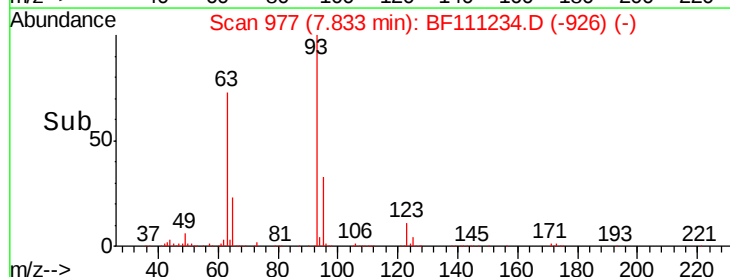
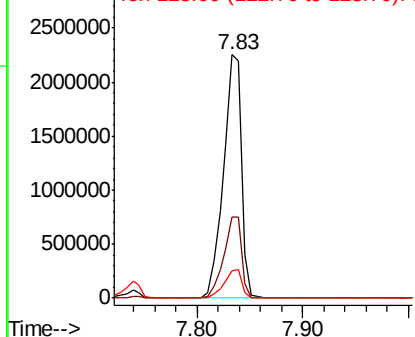


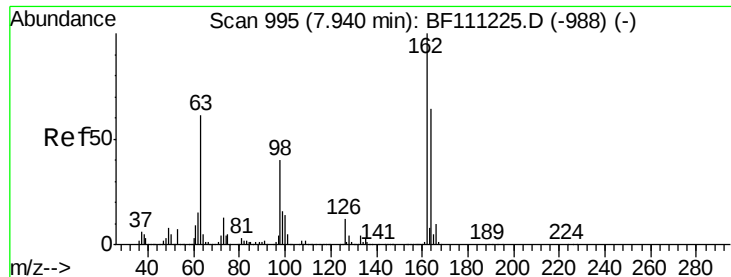
#28
bis(2-Chloroethoxy)methane
Concen: 48.144 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

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



Abundance Ion 93.00 (92.70 to 93.70): BF1
3000000 Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

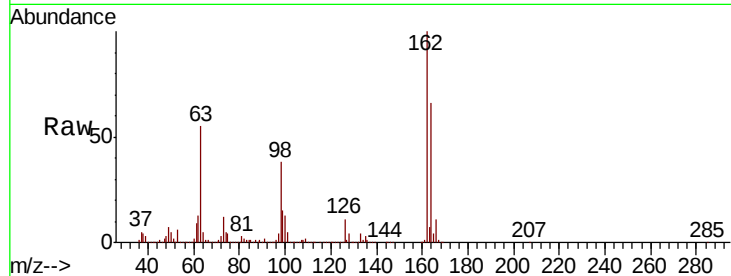




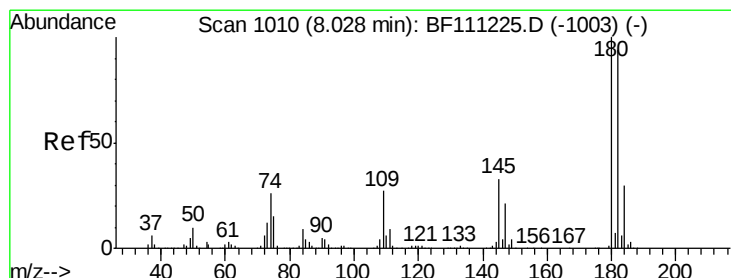
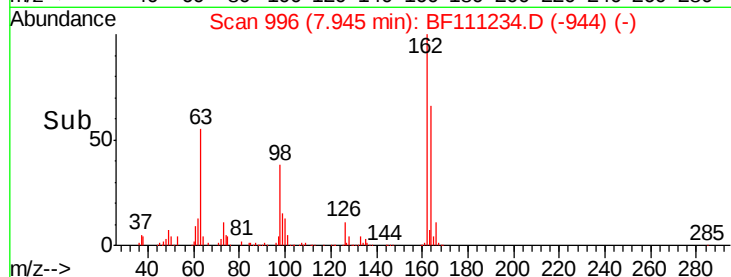
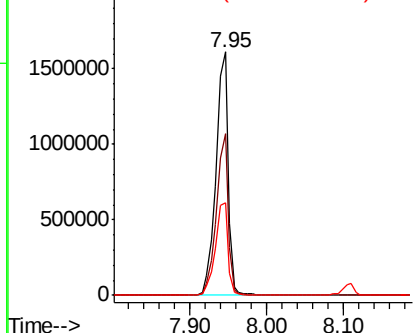
#29
2,4-Dichlorophenol
Concen: 45.552 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

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

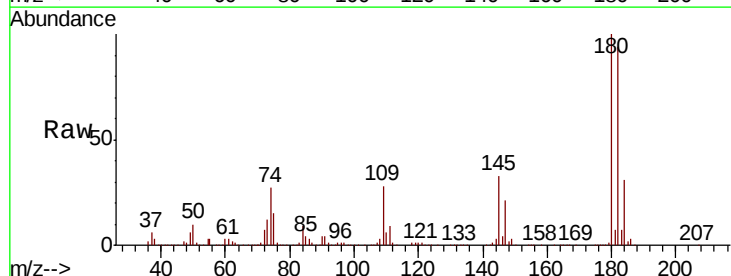


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

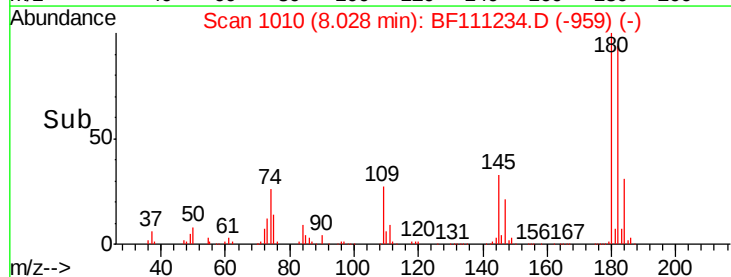
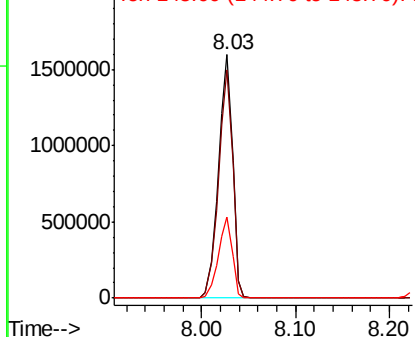


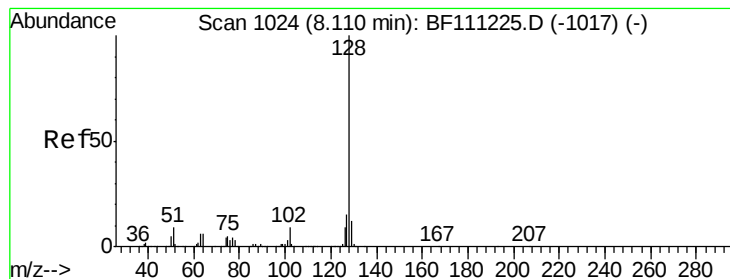
#30
1,2,4-Trichlorobenzene
Concen: 44.368 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

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 :

WC-2MS

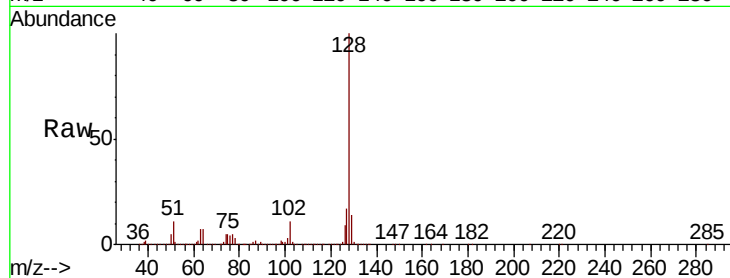
Tot Ion:128 Resp: 5302296

Ion Ratio Lower Upper

128 100

129 13.7 9.8 14.8

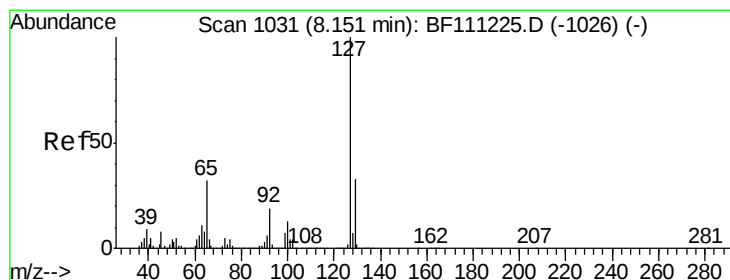
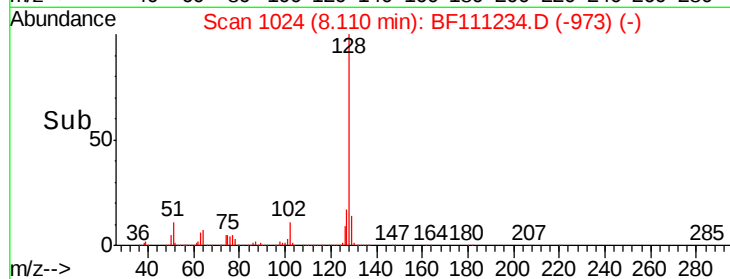
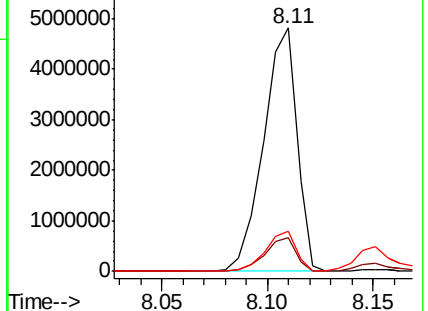
127 16.6 12.0 18.0



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



#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

Tgt Ion:127 Resp: 614424

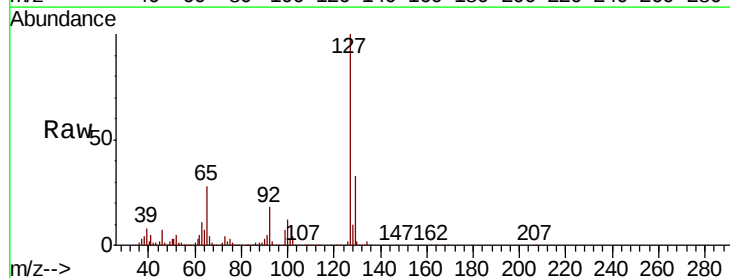
Ion Ratio Lower Upper

127 100

129 33.0 26.6 39.8

65 28.4 25.7 38.5

92 18.0 15.4 23.2

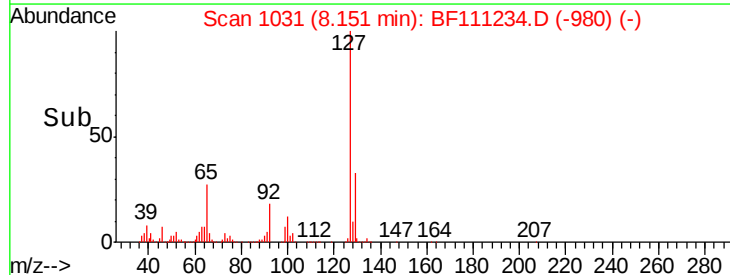
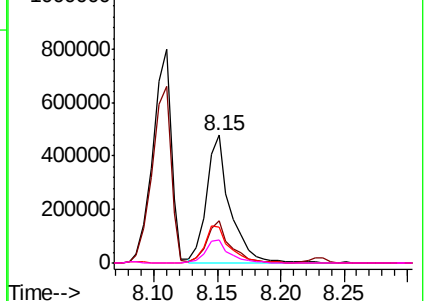


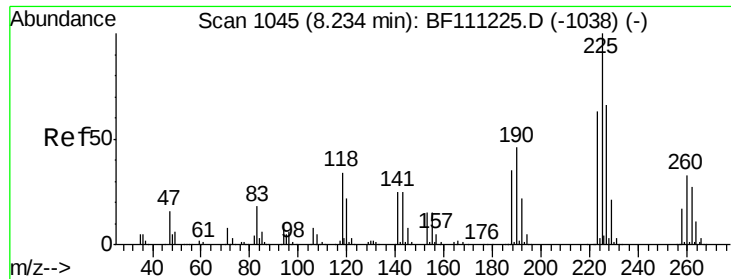
Abundance Ion 127.00 (126.70 to 127.70): E

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

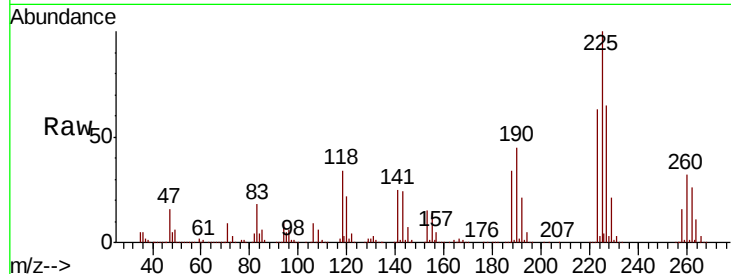




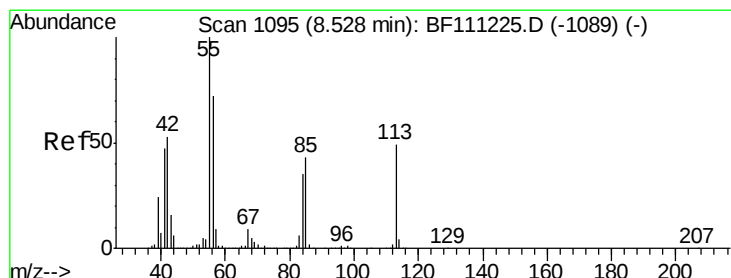
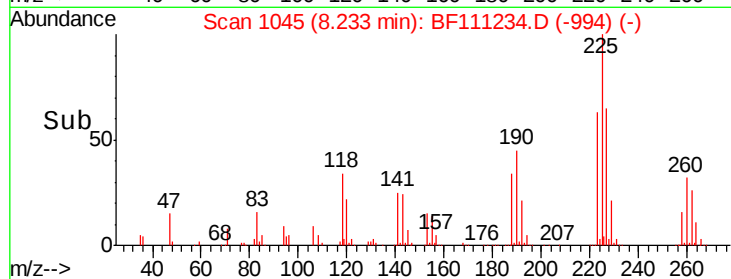
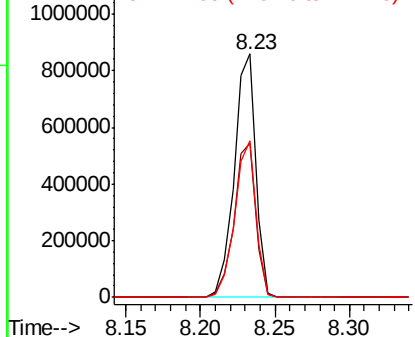
#34
Hexachlorobutadiene
Concen: 41.719 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	64.5	52.6	78.8

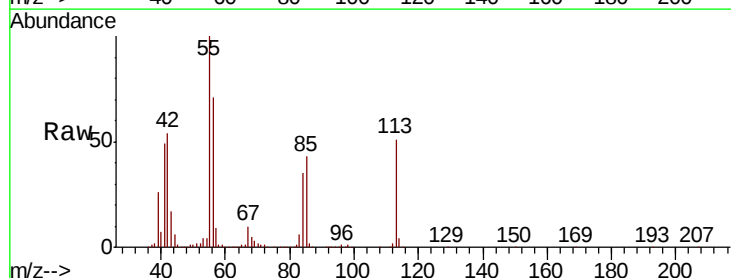


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

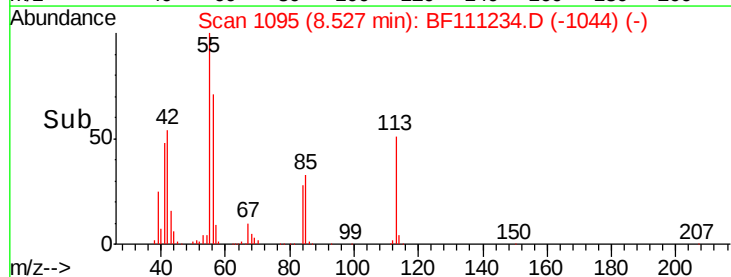
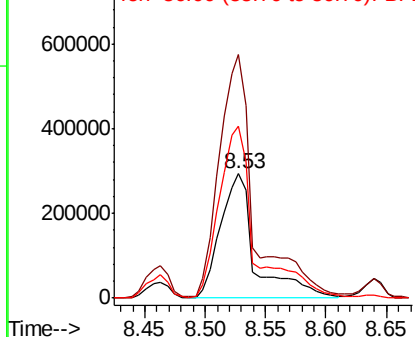


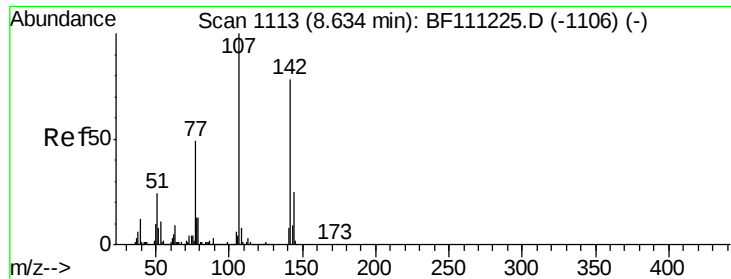
#35
Caprolactam
Concen: 43.042 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion	Ratio	Lower	Upper
113	100		
55	196.3	184.1	224.1
56	138.9	126.0	166.0



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

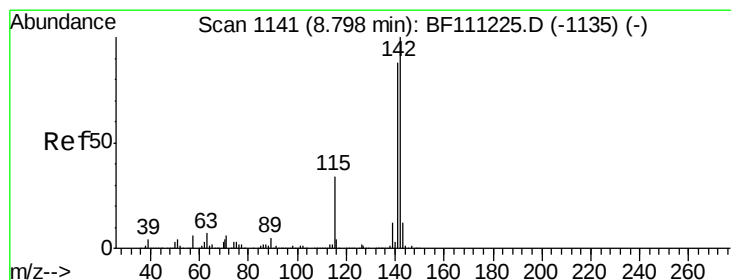
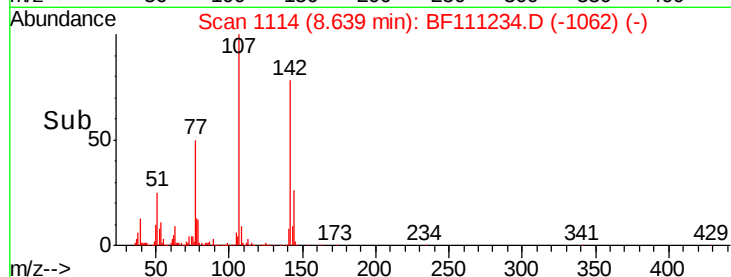
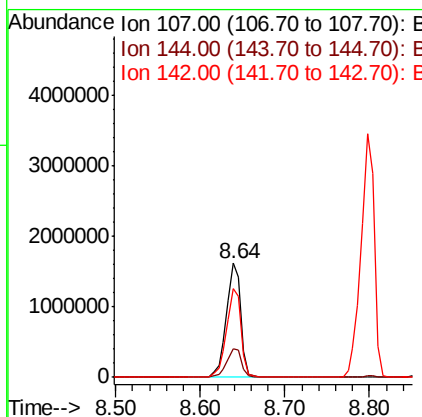
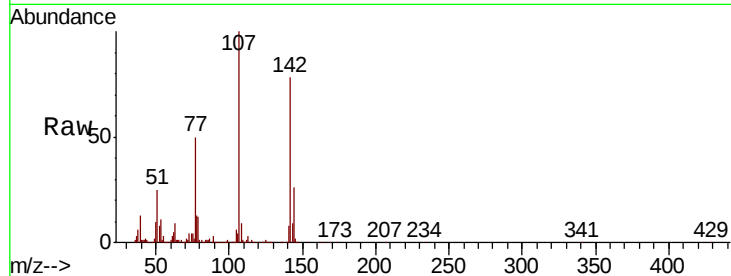




#36
 4-Chloro-3-methylphenol
 Concen: 48.203 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

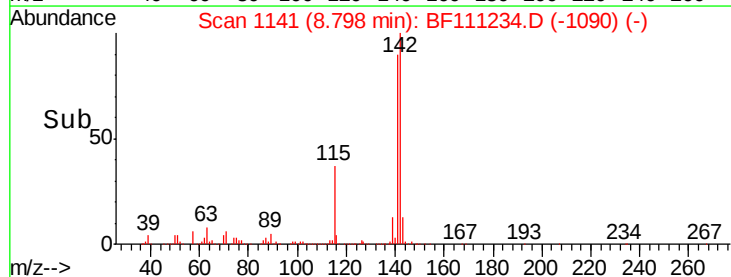
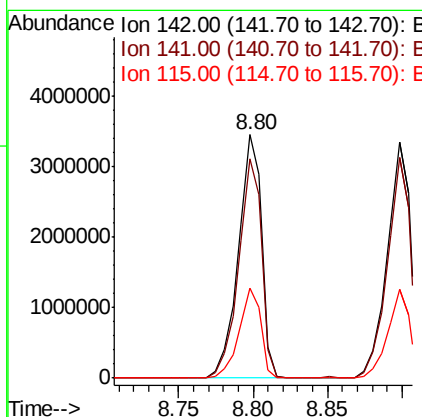
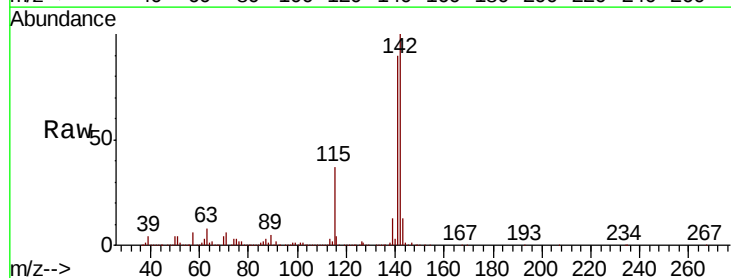
Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

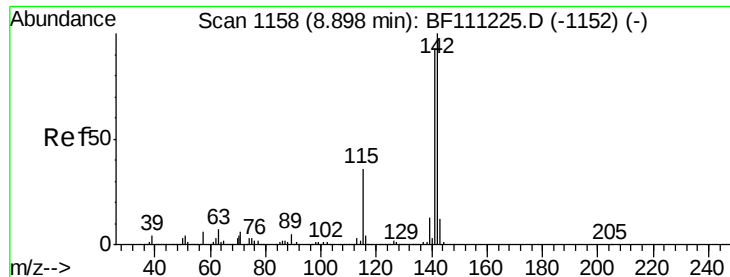
Tot Ion:107 Resp: 1895254
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.8 29.6
 142 77.6 62.3 93.5



#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

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

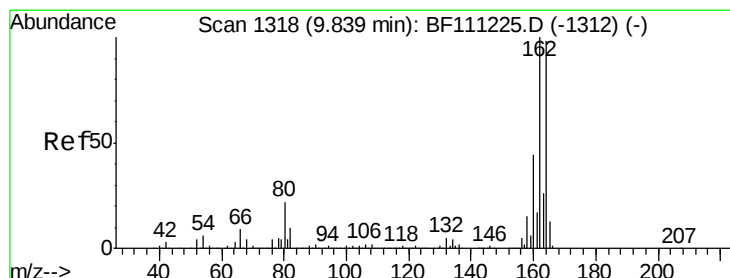
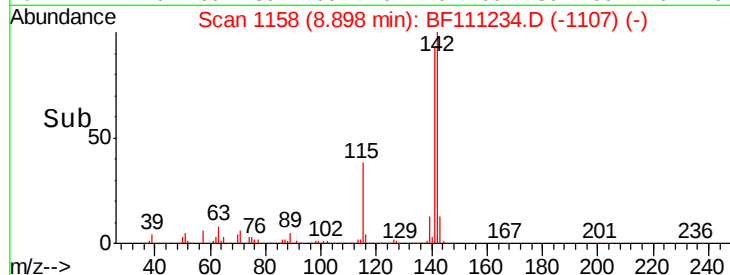
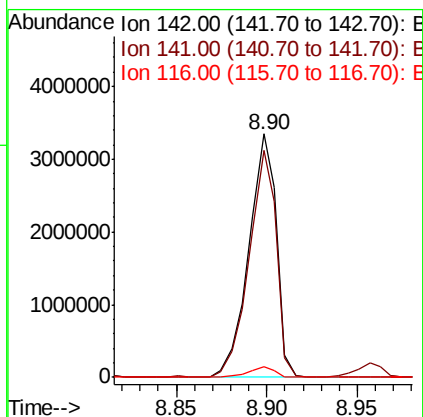
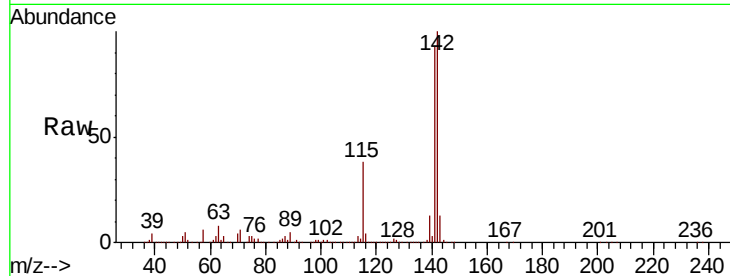




#38
1-Methylnaphthalene
Concen: 47.124 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

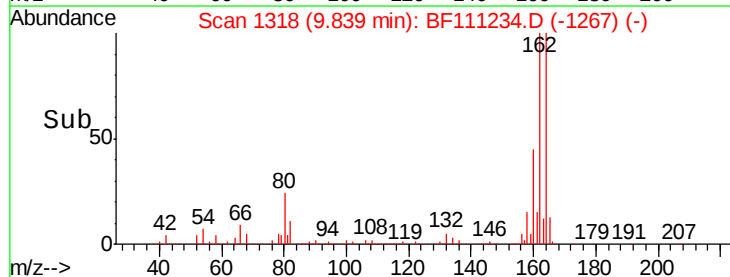
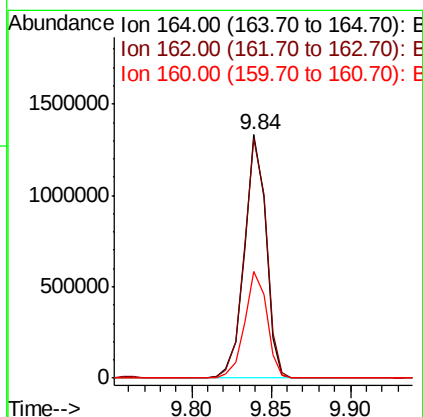
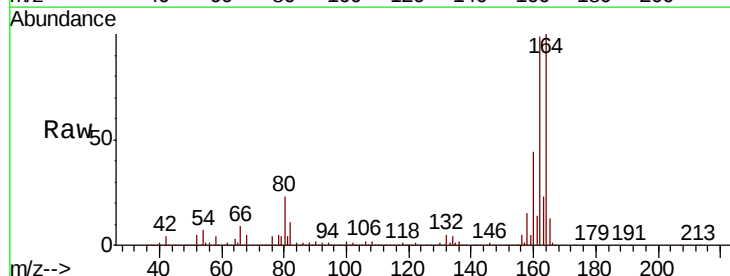
Instrument :
BNA_F
ClientSampleId :
WC-2MS

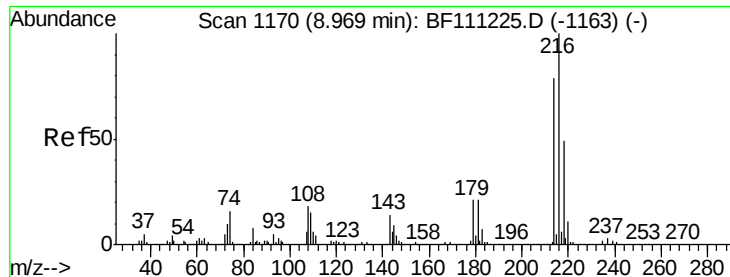
Tot Ion:142 Resp: 3525155
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4
116 4.1 2.9 4.3



#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

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

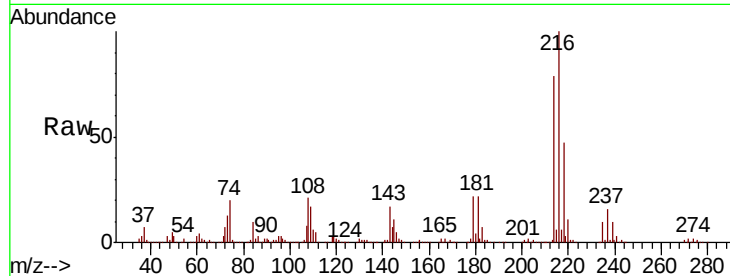




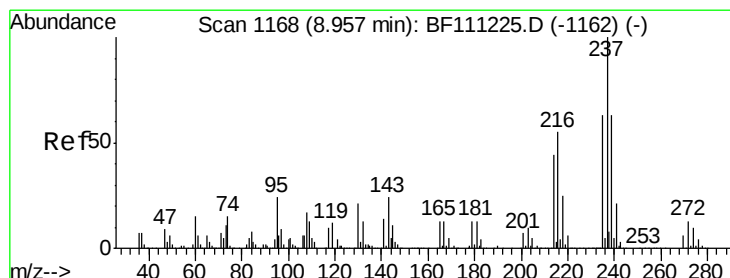
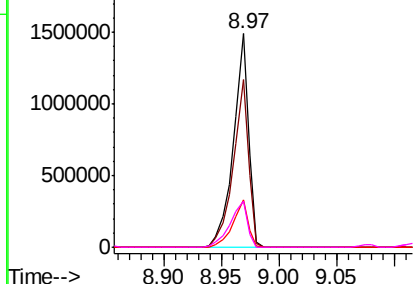
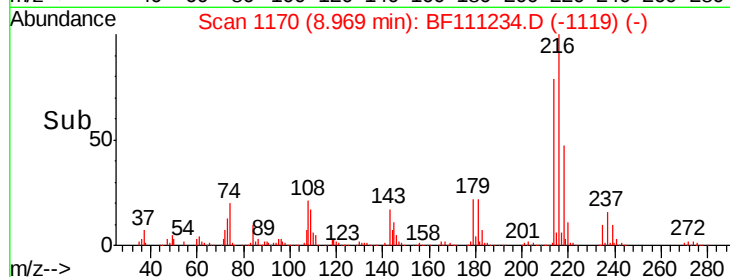
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.162 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tot 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

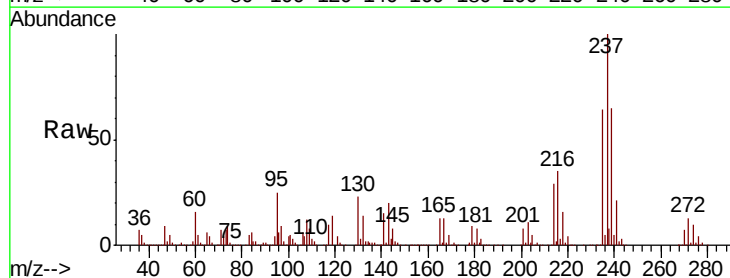


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

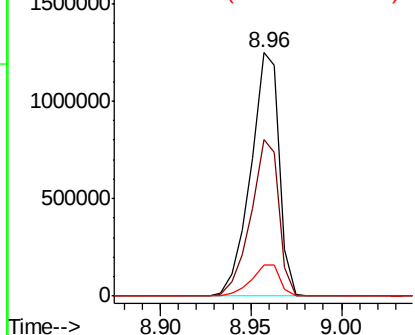
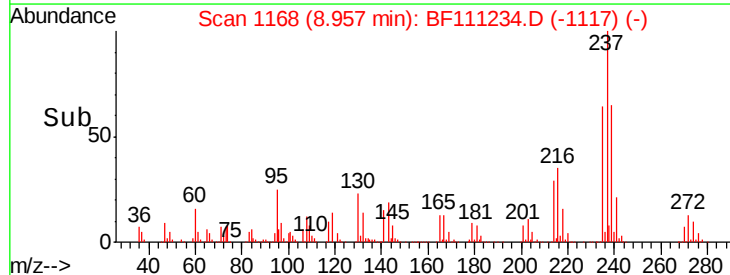


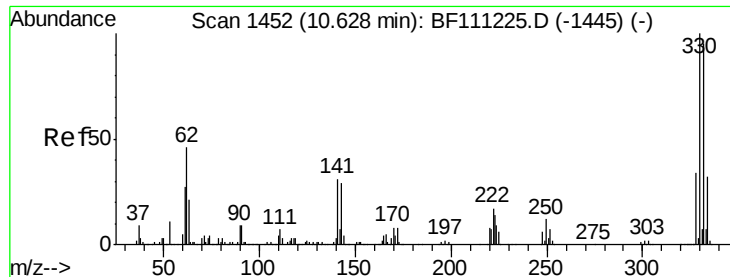
#41
 Hexachlorocyclopentadiene
 Concen: 69.017 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt 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

Instrument :

BNA_F

ClientSampleId :

WC-2MS

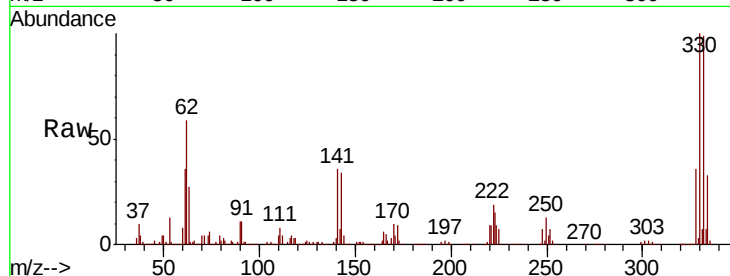
Tot Ion:330 Resp: 1265846

Ion Ratio Lower Upper

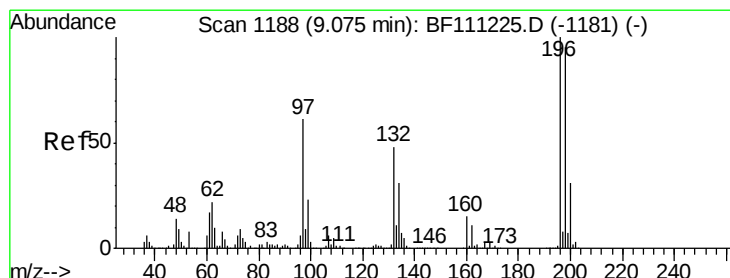
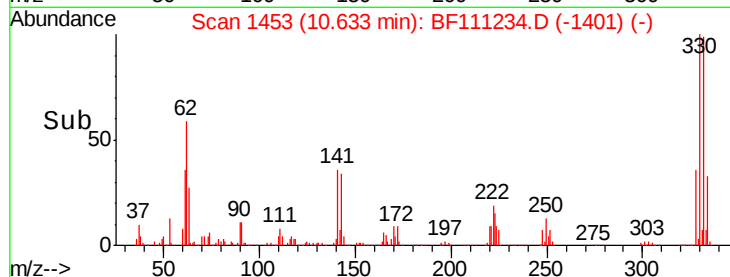
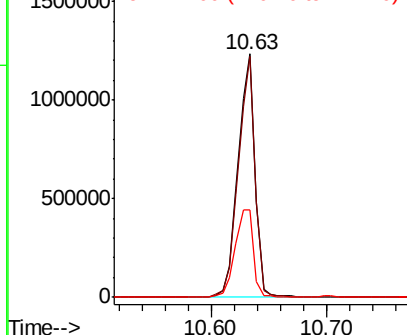
330 100

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

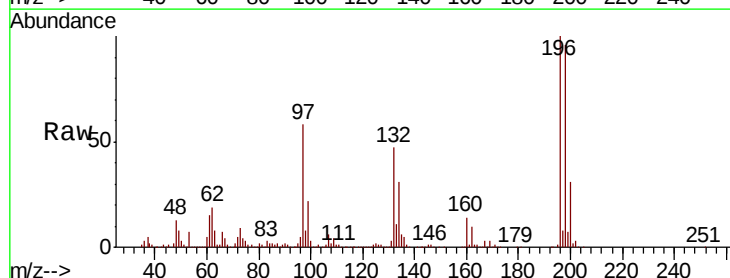
Tgt Ion:196 Resp: 1049263

Ion Ratio Lower Upper

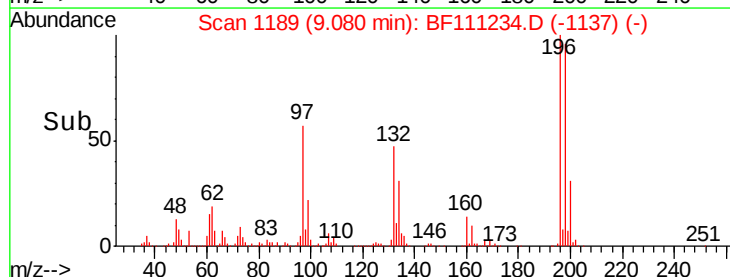
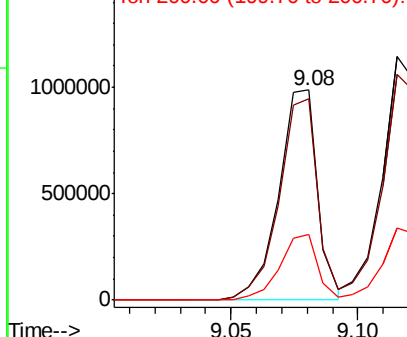
196 100

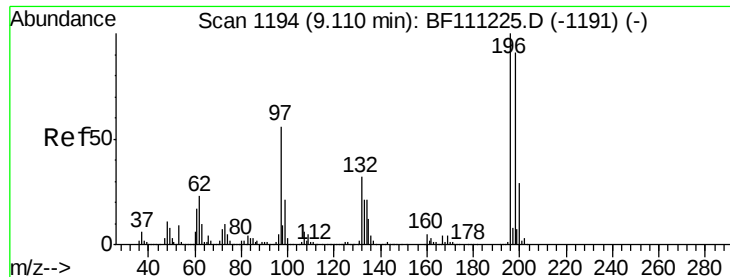
198 95.6 76.3 114.5

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

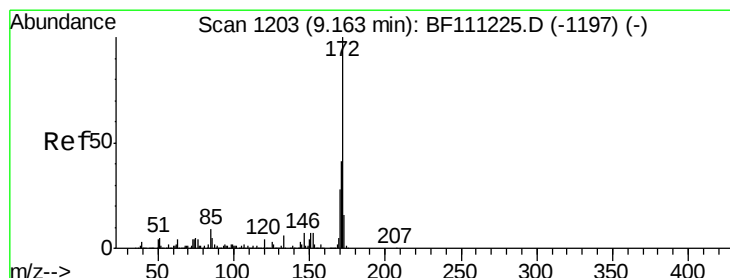
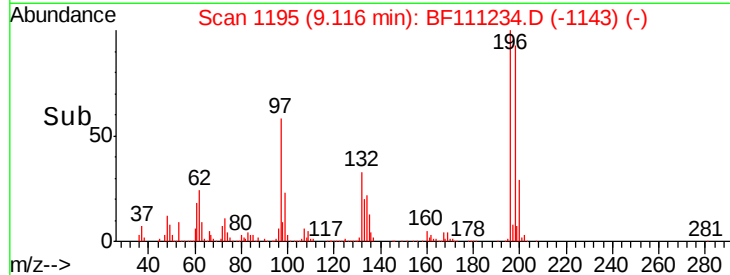
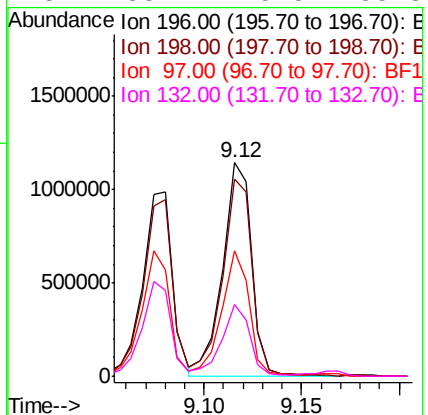
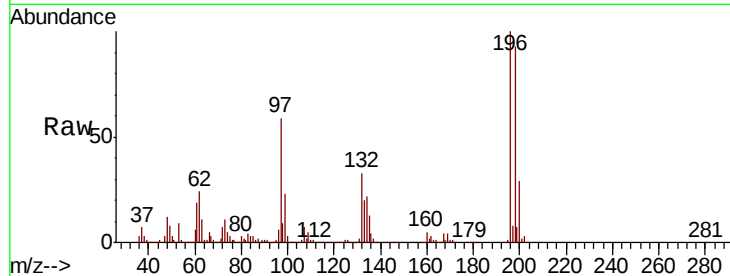




#44
2,4,5-Trichlorophenol
Concen: 43.709 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

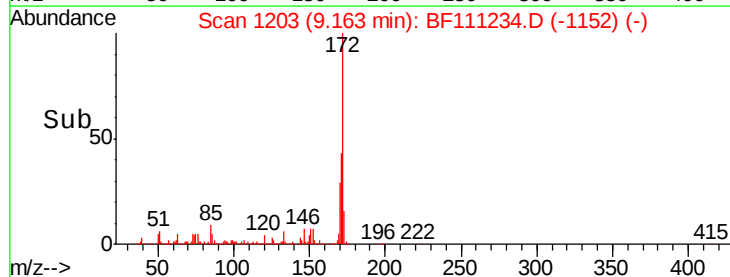
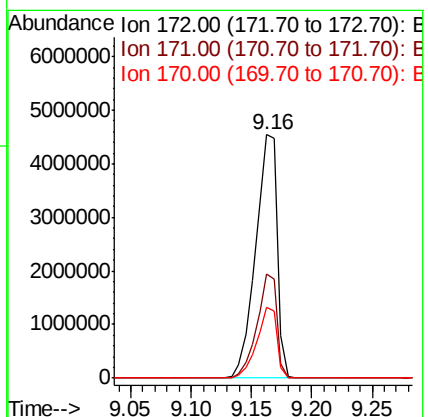
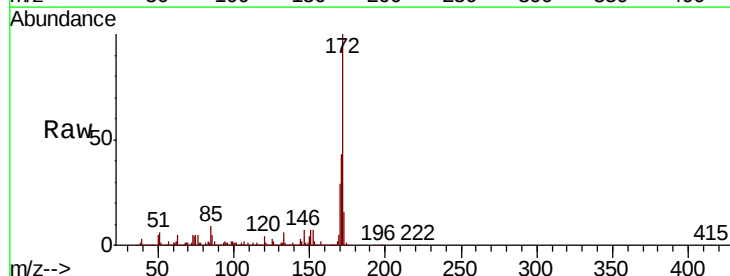
Instrument :
BNA_F
ClientSampleId :
WC-2MS

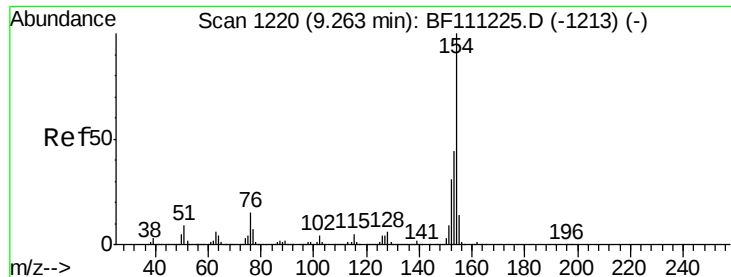
Tot Ion:196 Resp: 1182372
Ion Ratio Lower Upper
196 100
198 92.6 72.9 109.3
97 58.5 45.3 67.9
132 33.4 25.5 38.3



#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

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

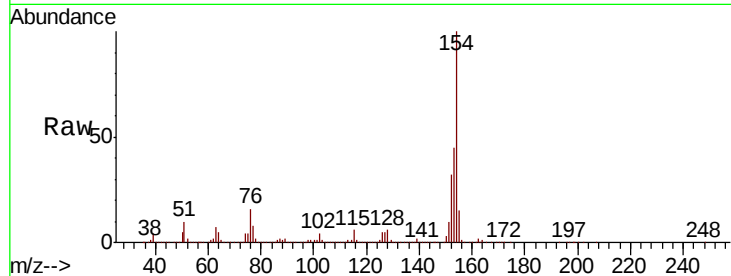




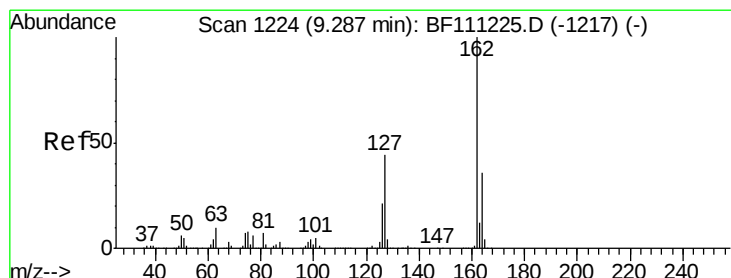
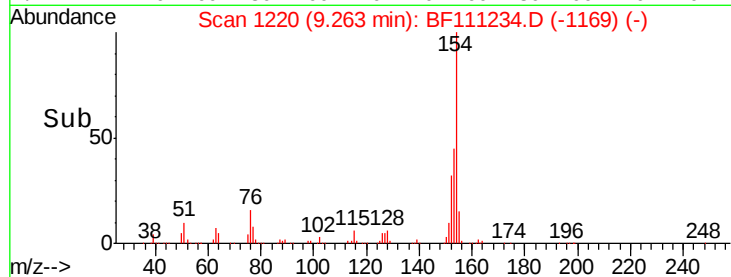
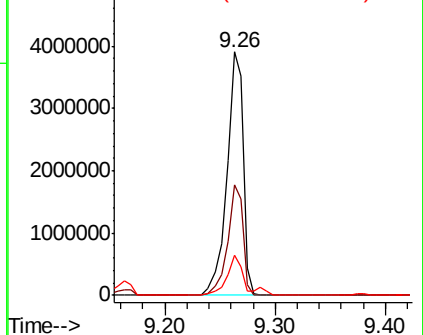
#46
 1,1'-Biphenyl
 Concen: 39.680 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

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

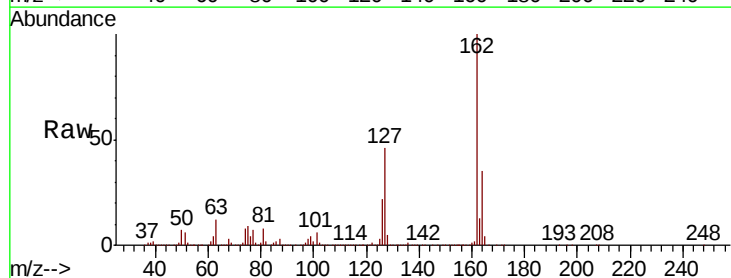


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

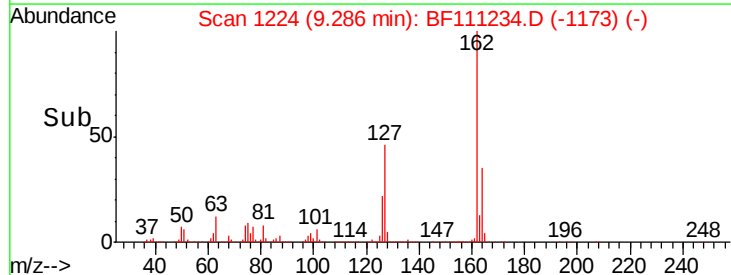
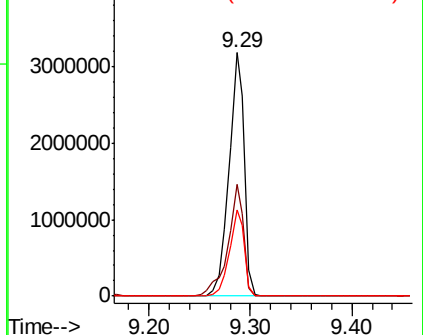


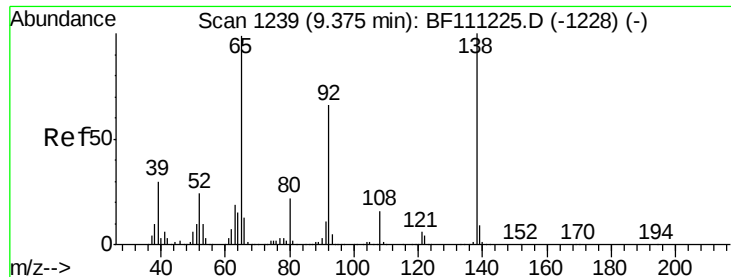
#47
 2-Chloronaphthalene
 Concen: 40.778 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt 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

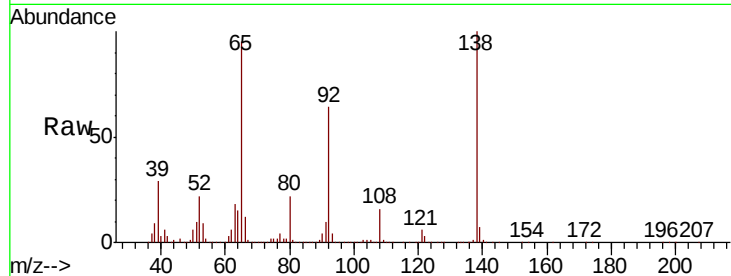




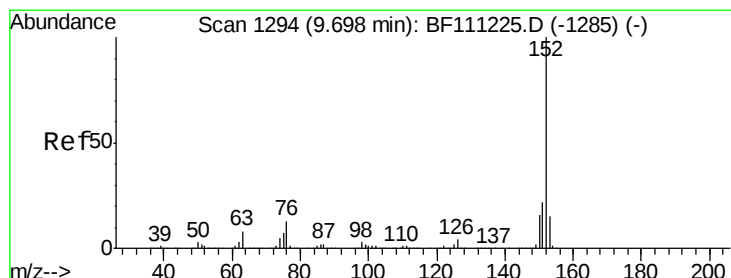
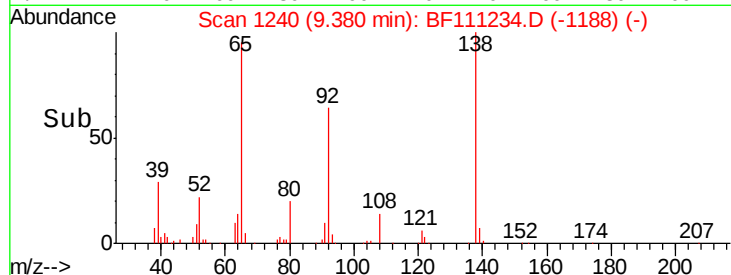
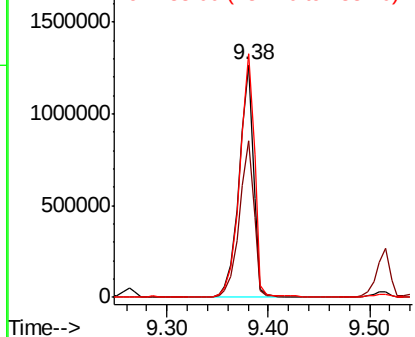
#48
2-Nitroaniline
Concen: 44.956 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

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

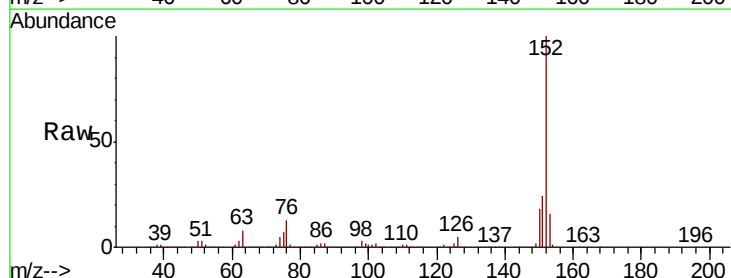


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

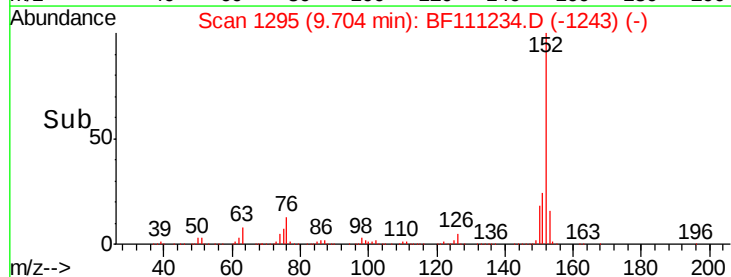
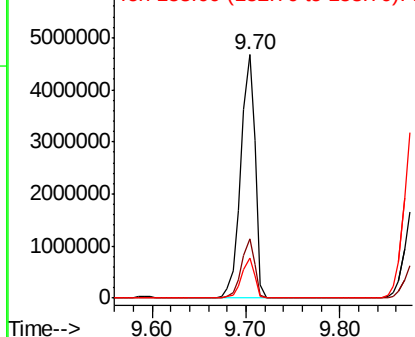


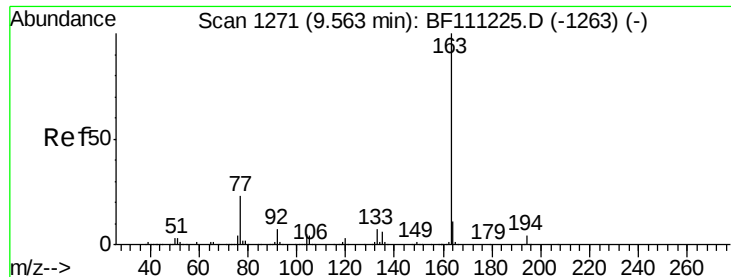
#49
Acenaphthylene
Concen: 41.947 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt 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

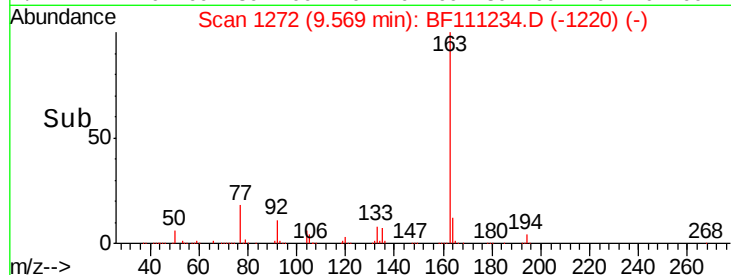
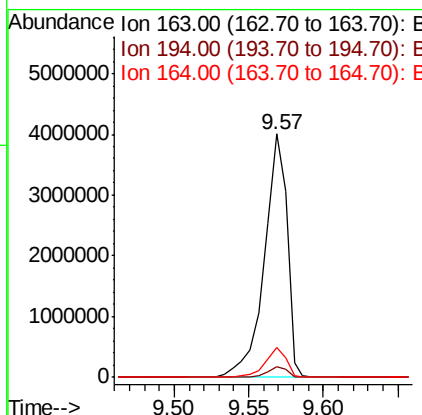
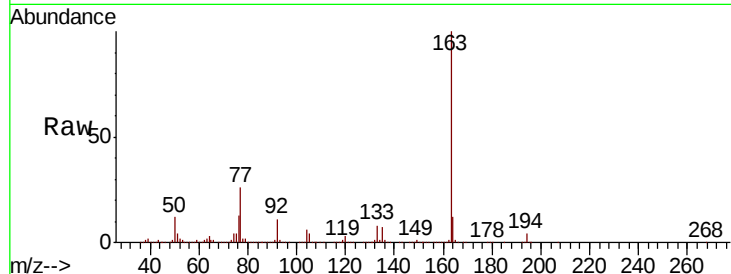




#50
Dimethylphthalate
Concen: 45.594 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

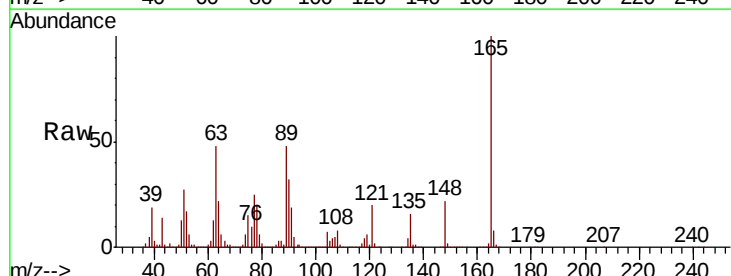
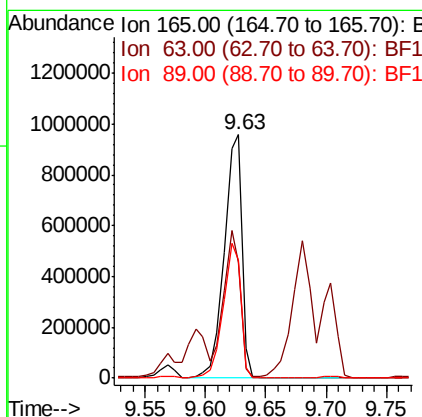
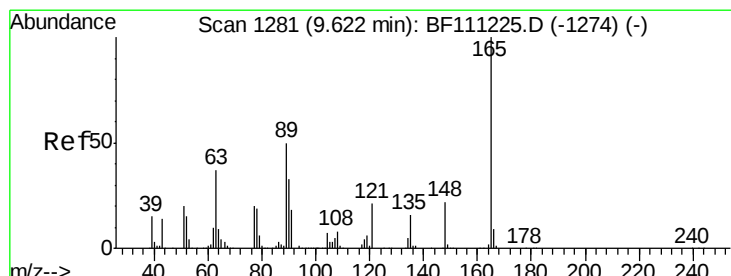
Instrument :
BNA_F
ClientSampled :
WC-2MS

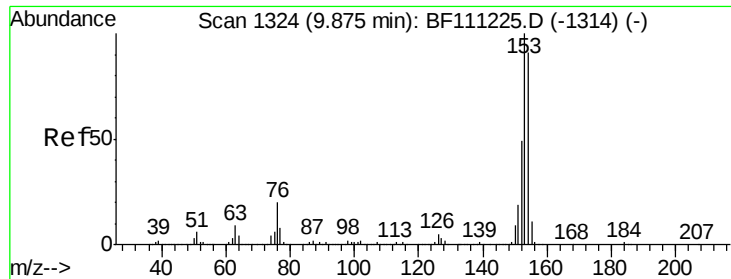
Tot Ion:163 Resp: 4182532
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 12.1 8.9 13.3



#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

Tgt Ion:165 Resp: 967828
Ion Ratio Lower Upper
165 100
63 47.7 40.5 60.7
89 48.5 40.0 60.0





#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

Instrument :

BNA_F

ClientSampleId :

WC-2MS

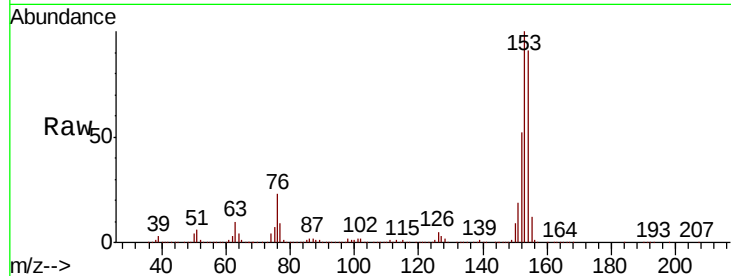
Tot Ion:154 Resp: 3013770

Ion Ratio Lower Upper

154 100

153 109.4 87.8 131.8

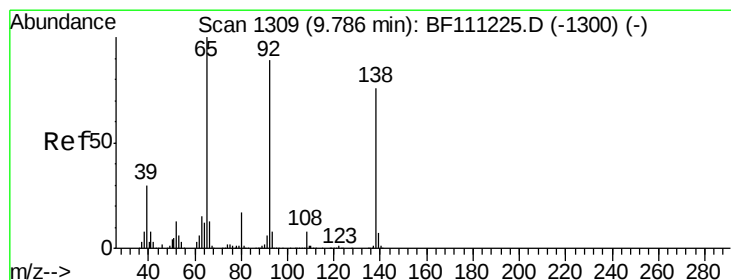
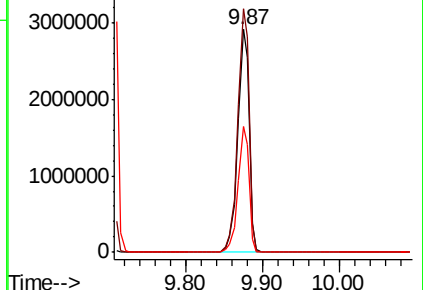
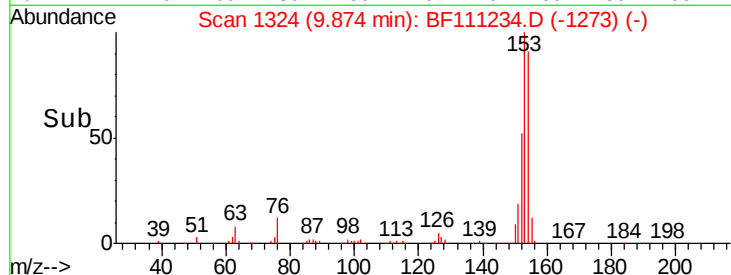
152 56.6 43.4 65.2



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

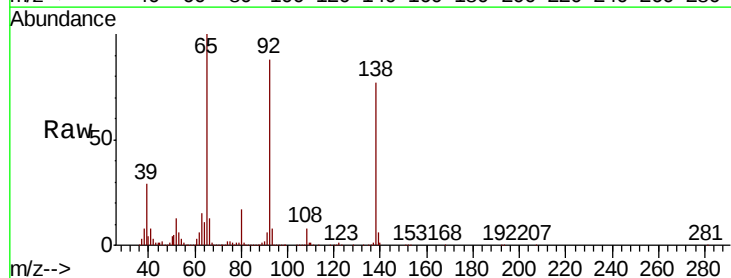
Tgt Ion:138 Resp: 584459

Ion Ratio Lower Upper

138 100

108 9.8 8.2 12.4

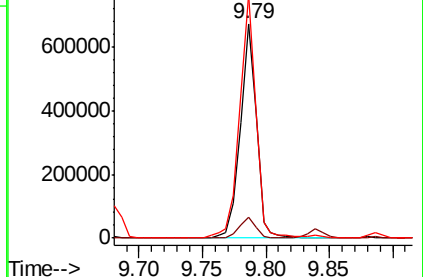
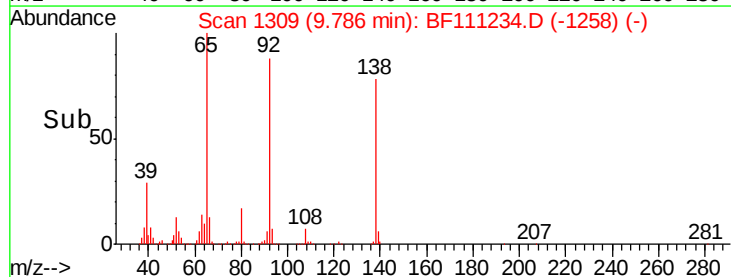
92 113.4 93.4 140.2

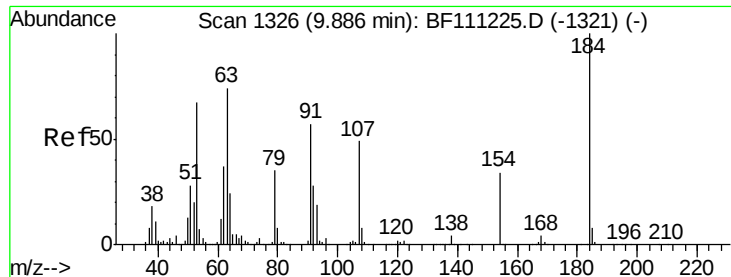


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

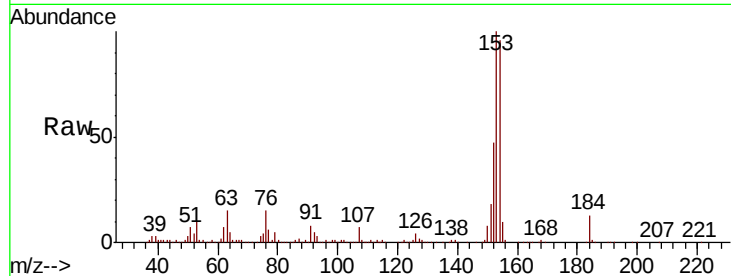




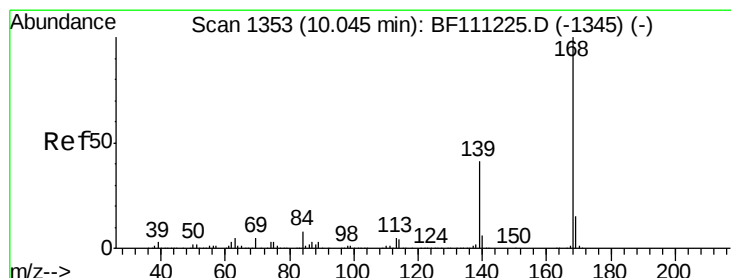
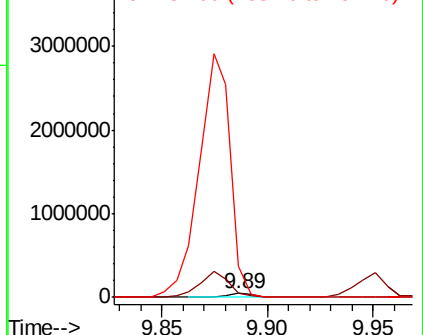
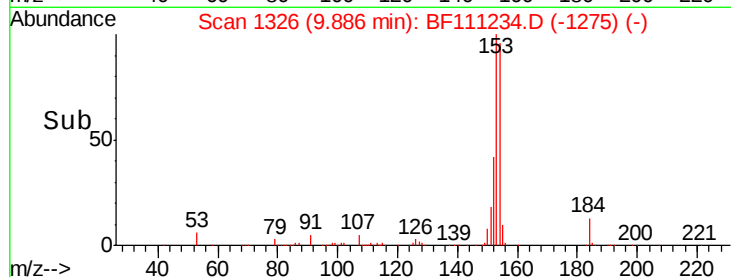
#54
2,4-Dinitrophenol
Concen: 5.114 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

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

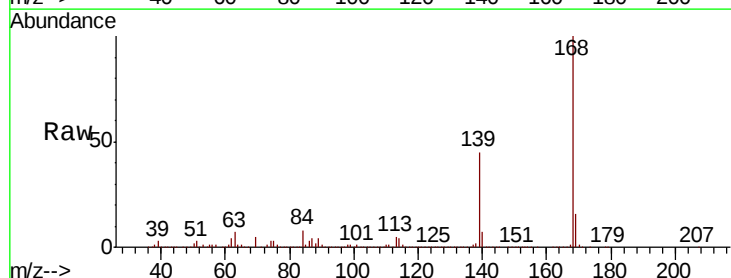


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

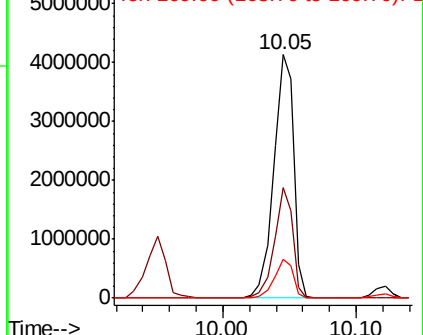
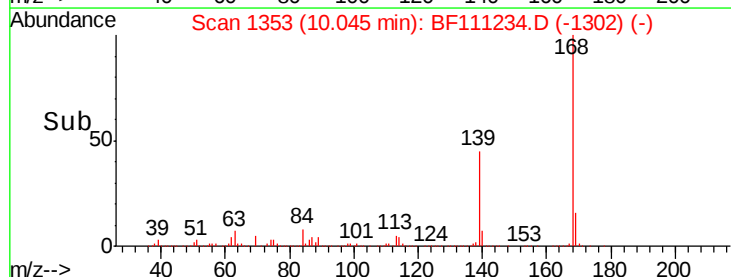


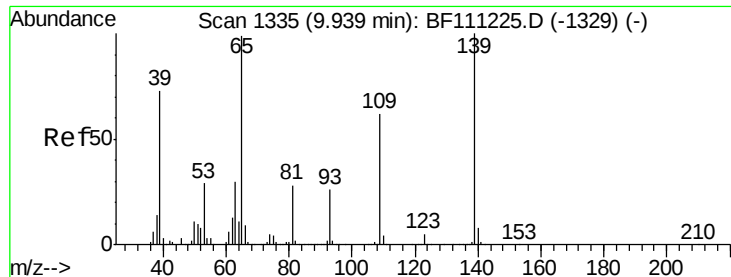
#55
Dibenzofuran
Concen: 42.973 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

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



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

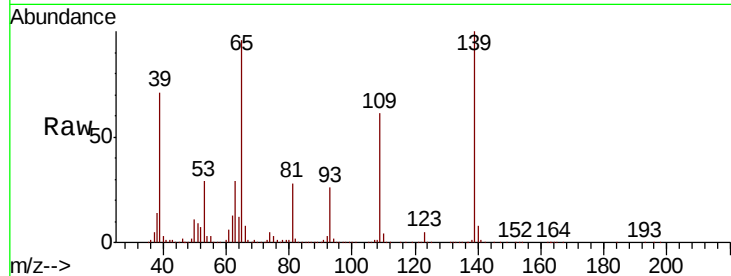




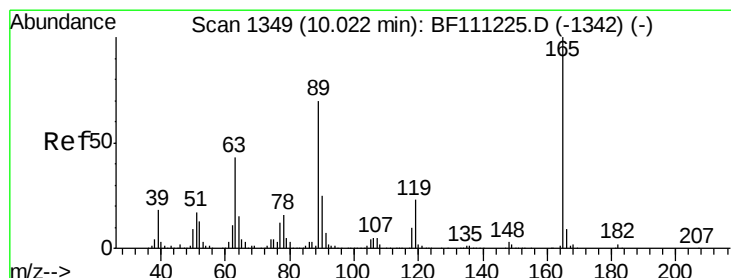
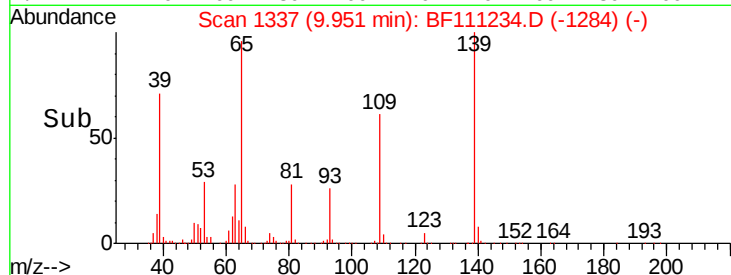
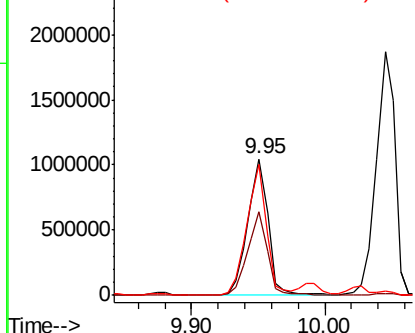
#56
4-Nitrophenol
Concen: 56.428 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampled :
WC-2MS

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

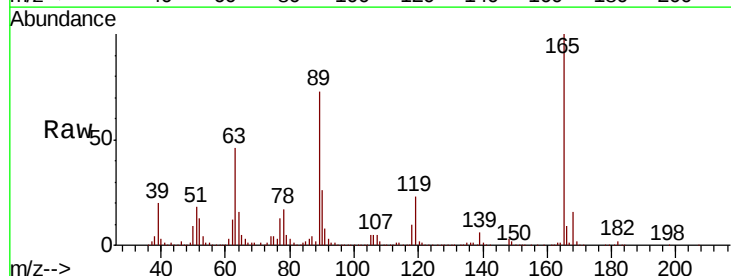


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

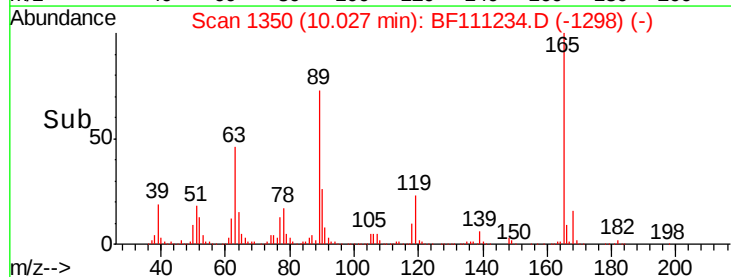
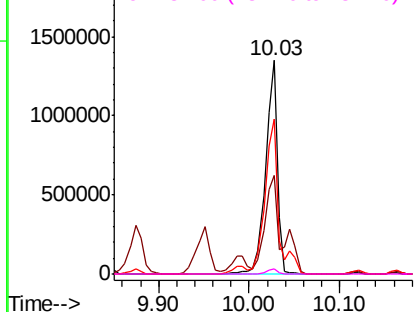


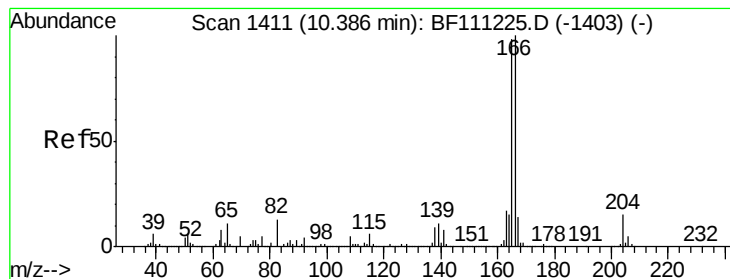
#57
2,4-Dinitrotoluene
Concen: 49.478 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt 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



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





#58

Fluorene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

WC-2MS

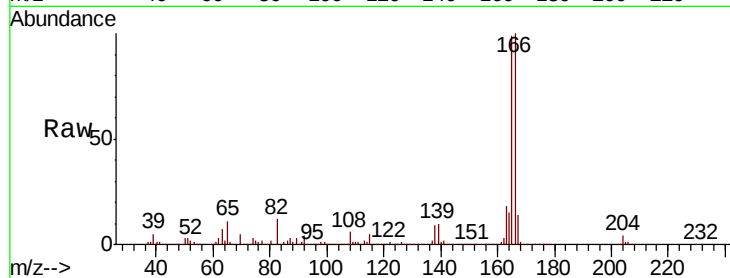
Tot Ion:166 Resp: 3180473

Ion Ratio Lower Upper

166 100

165 98.8 78.4 117.6

167 14.4 11.2 16.8

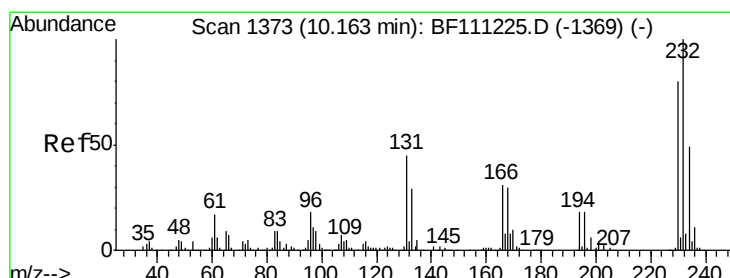
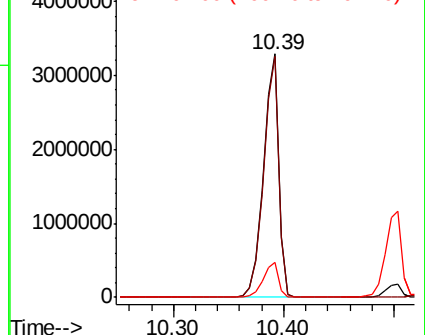
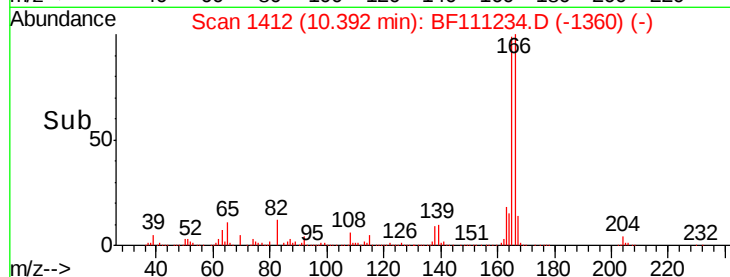


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 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

Tgt Ion:232 Resp: 804867

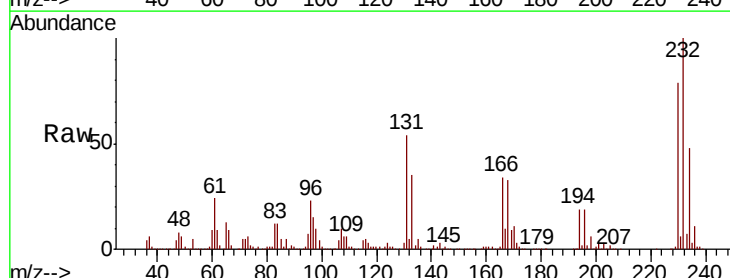
Ion Ratio Lower Upper

232 100

131 51.5 40.9 61.3

130 2.5 2.0 3.0

166 33.7 26.8 40.2



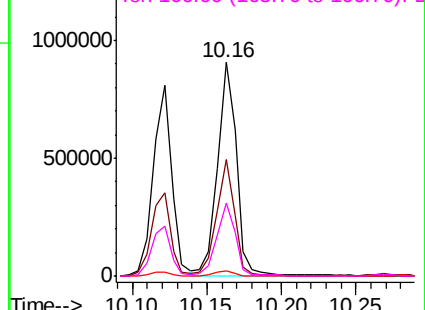
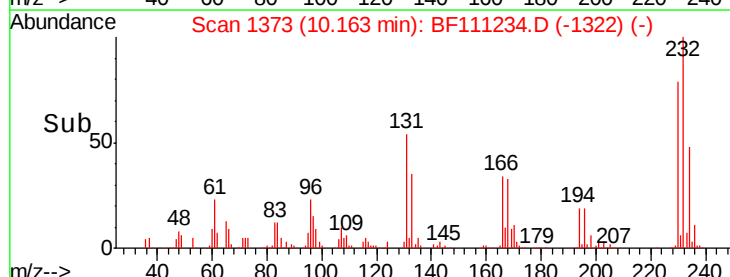
Abundance

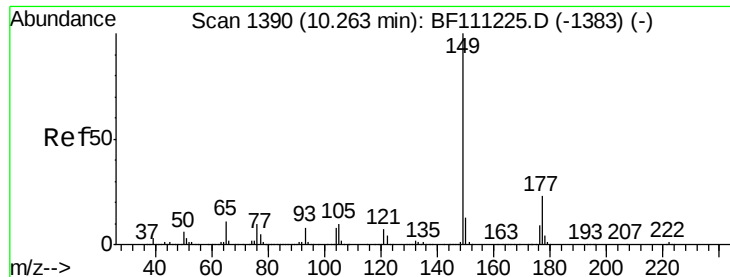
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

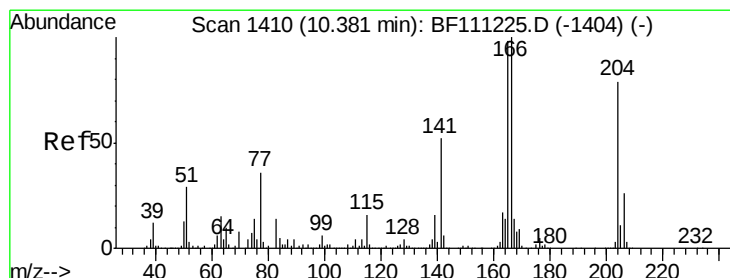
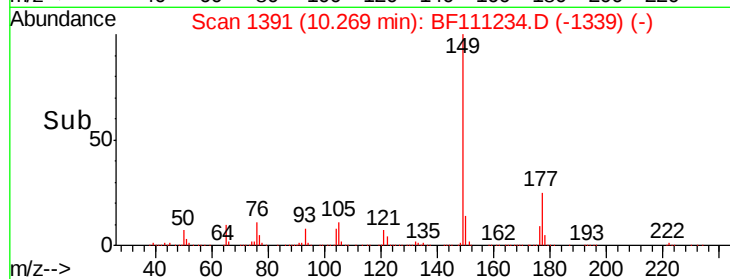
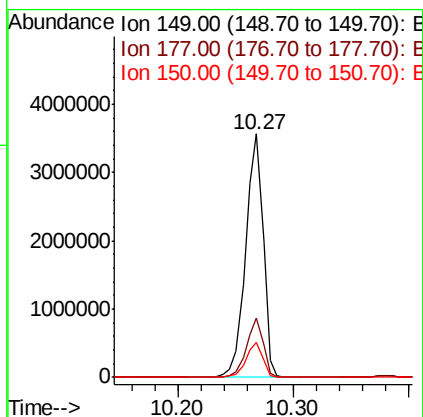
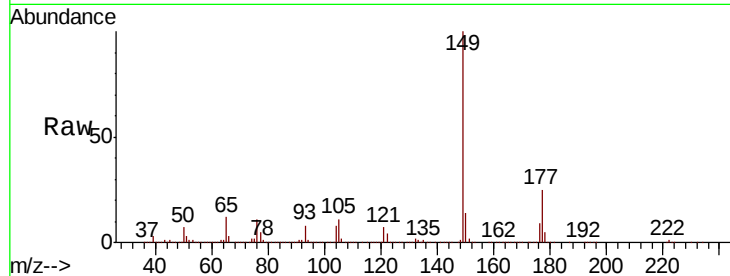




#60
Diethylphthalate
Concen: 42.731 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

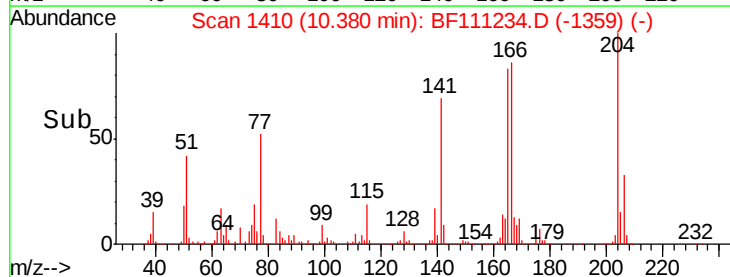
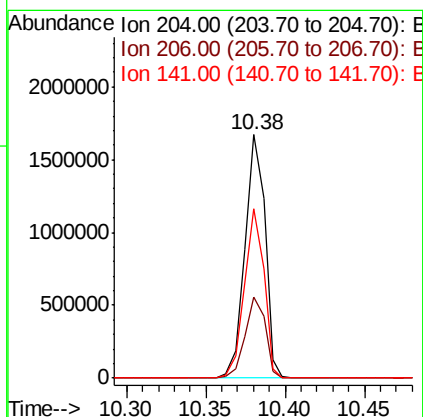
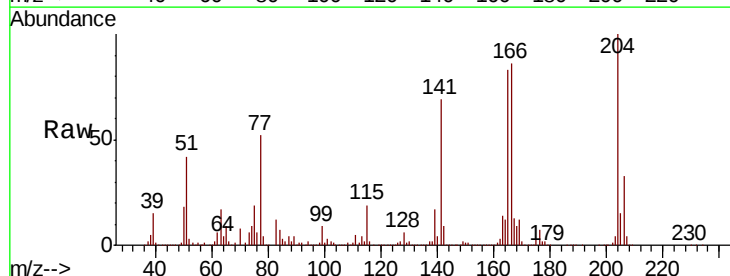
Instrument :
BNA_F
ClientSampleId :
WC-2MS

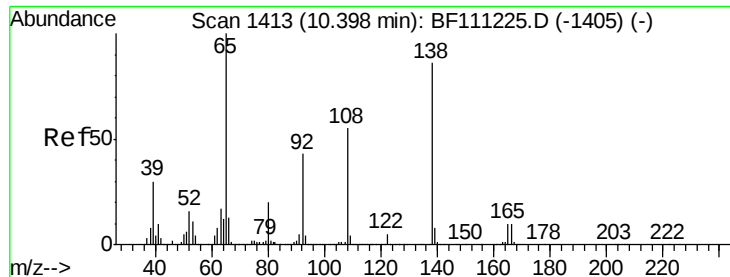
Tot Ion:149 Resp: 3737106
Ion Ratio Lower Upper
149 100
177 24.5 18.3 27.5
150 14.3 10.6 15.8



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

WC-2MS

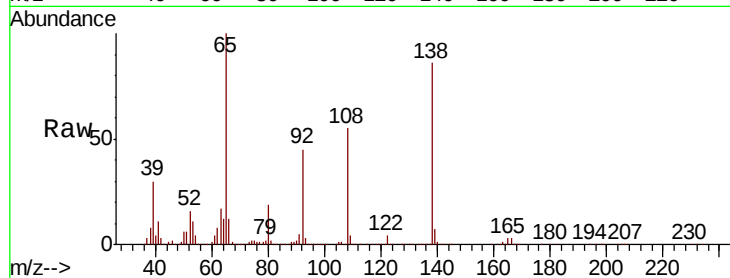
Tot Ion:138 Resp: 1018290

Ion Ratio Lower Upper

138 100

92 51.9 29.9 69.9

108 63.3 43.2 83.2

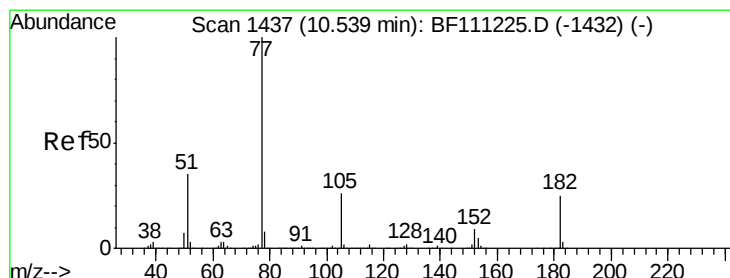
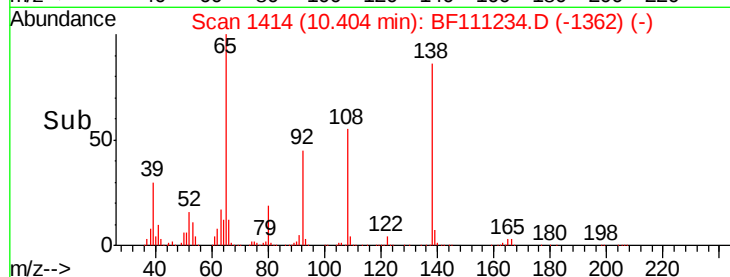
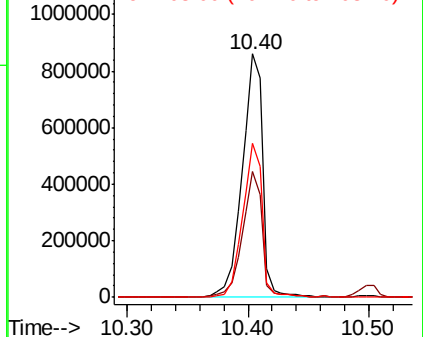


Abundance

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

Tgt Ion: 77 Resp: 3736298

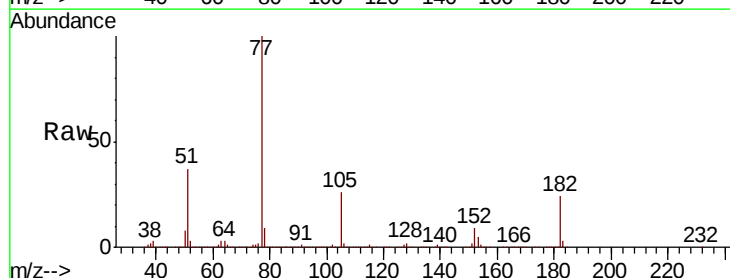
Ion Ratio Lower Upper

77 100

182 23.7 4.9 44.9

105 25.7 6.0 46.0

51 36.8 14.7 54.7



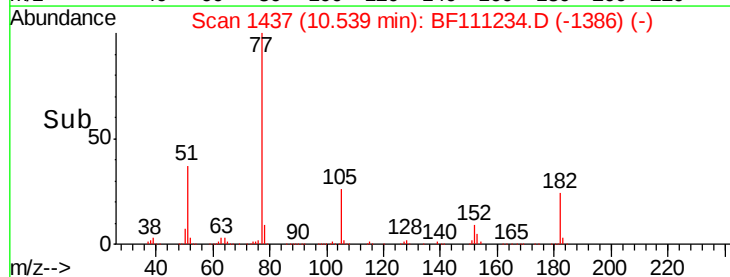
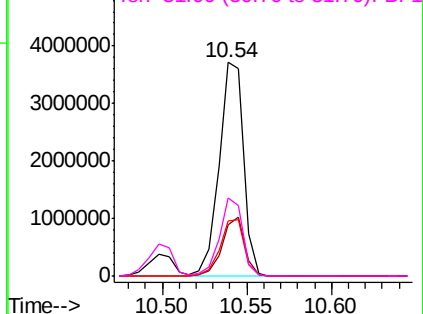
Abundance

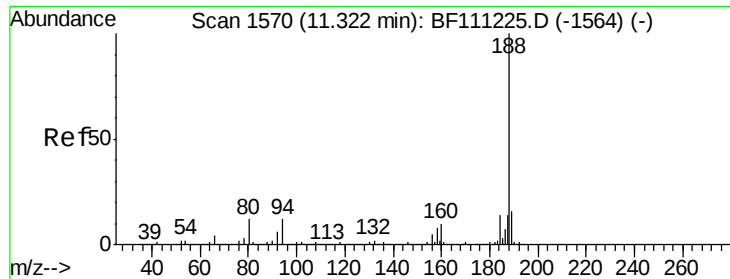
Ion 77.00 (76.70 to 77.70): BF1

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

Instrument :

BNA_F

ClientSampleId :

WC-2MS

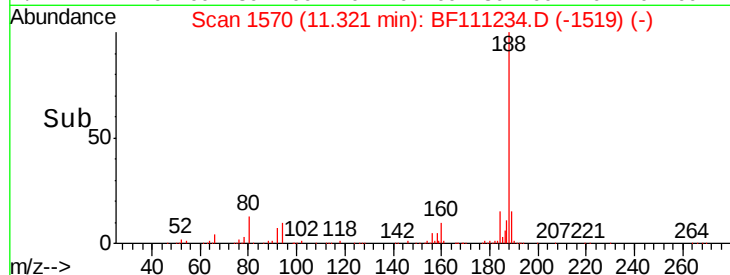
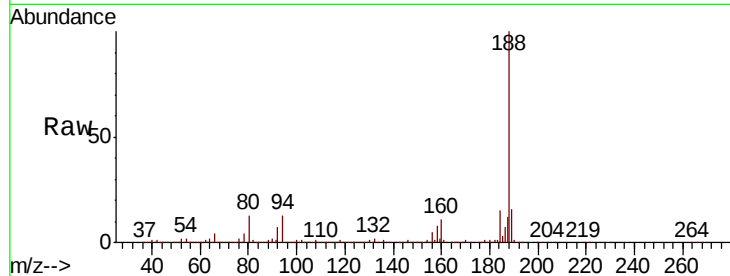
Tot Ion:188 Resp: 2087395

Ion Ratio Lower Upper

188 100

94 12.5 9.6 14.4

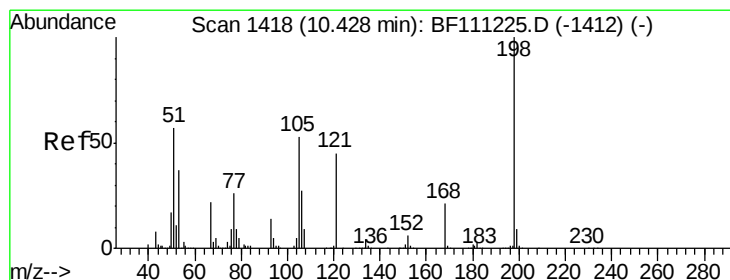
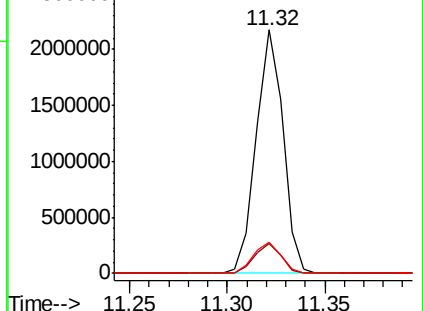
80 13.0 9.8 14.6



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

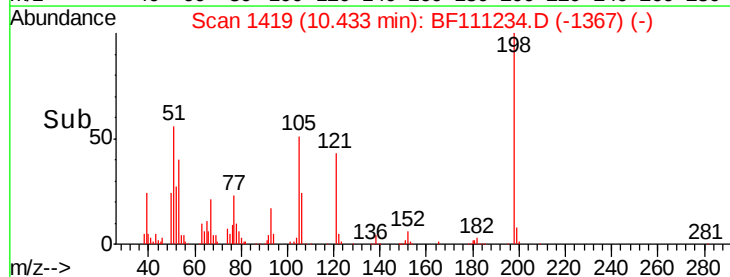
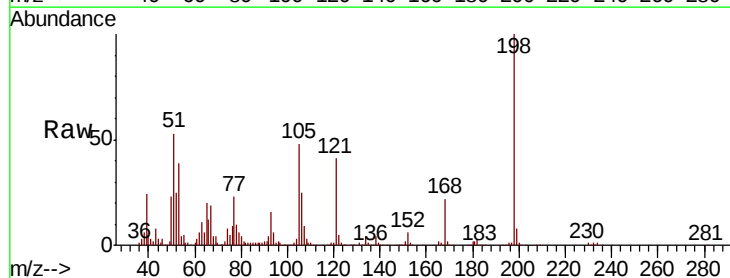
Tgt Ion:198 Resp: 200233

Ion Ratio Lower Upper

198 100

51 53.1 48.0 88.0

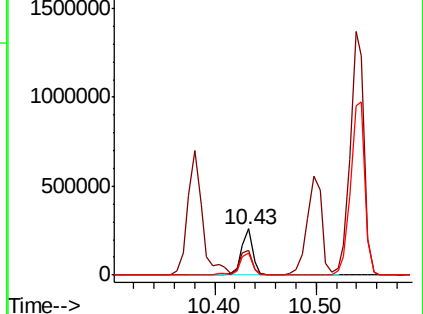
105 47.8 34.0 74.0

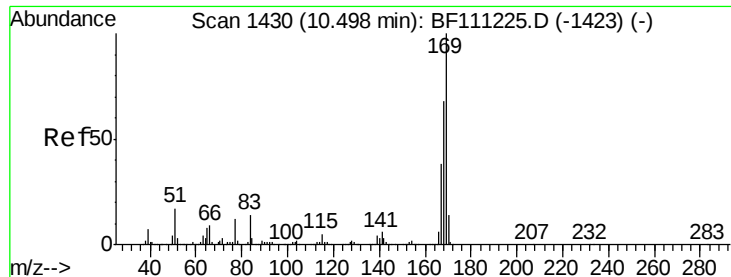


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

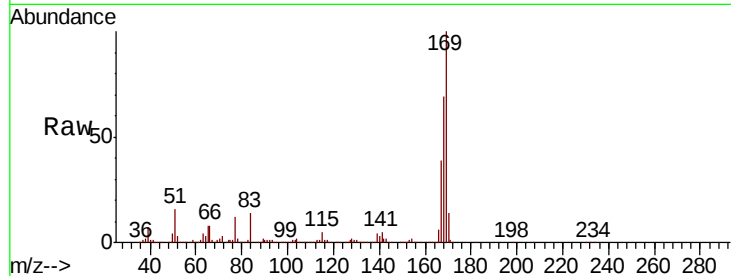




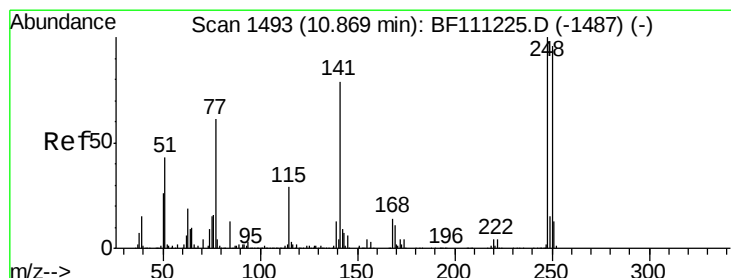
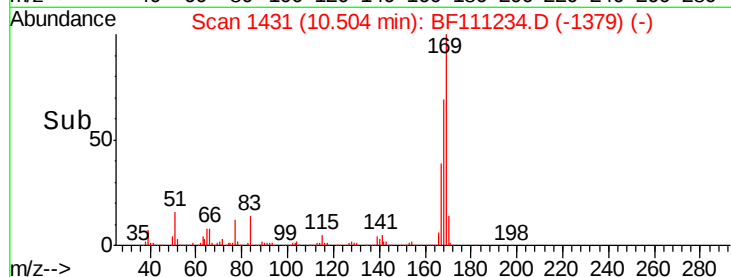
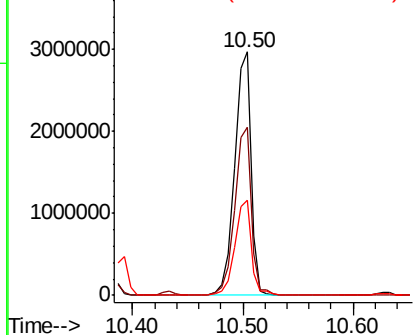
#66
n-Nitrosodiphenylamine
Concen: 43.773 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Instrument :
BNA_F
ClientSampleId :
WC-2MS

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

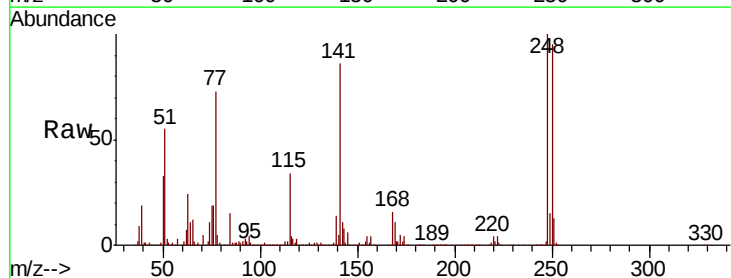


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

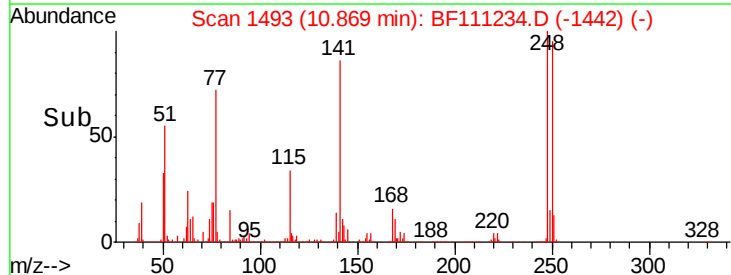
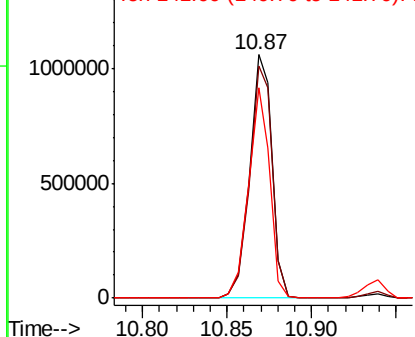


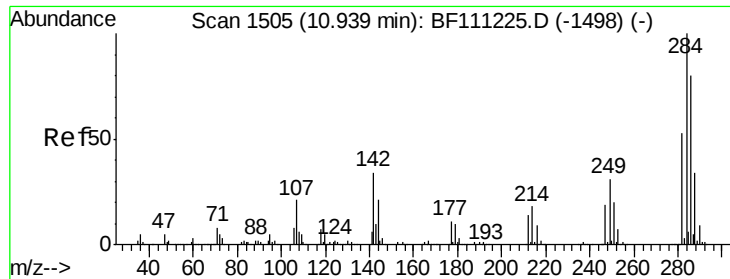
#67
4-Bromophenyl-phenylether
Concen: 43.008 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

Tgt Ion:248 Resp: 983285
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

Instrument :

BNA_F

ClientSampleId :

WC-2MS

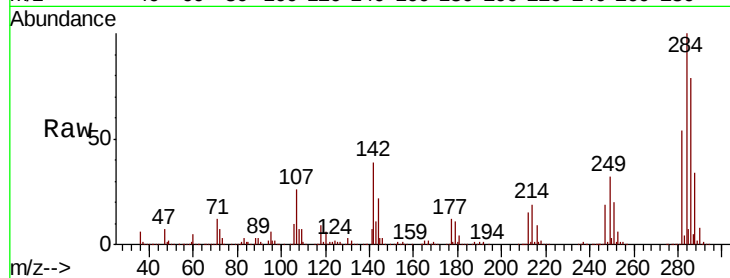
Tot Ion:284 Resp: 999963

Ion Ratio Lower Upper

284 100

142 39.5 27.4 41.2

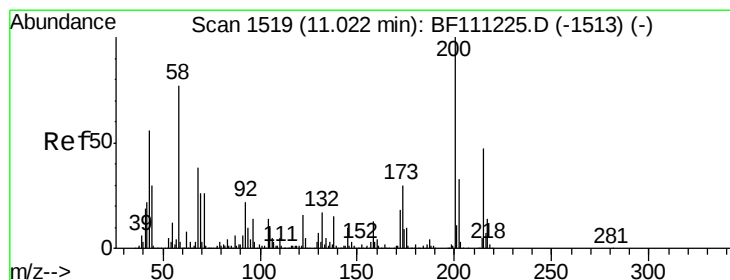
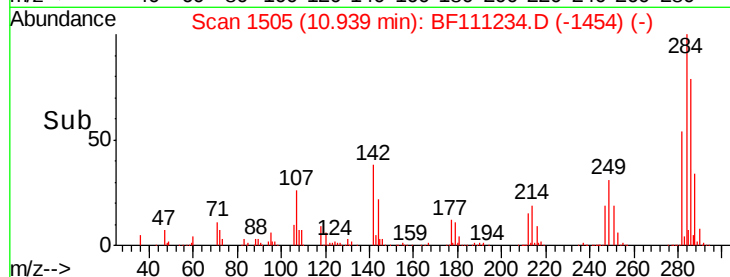
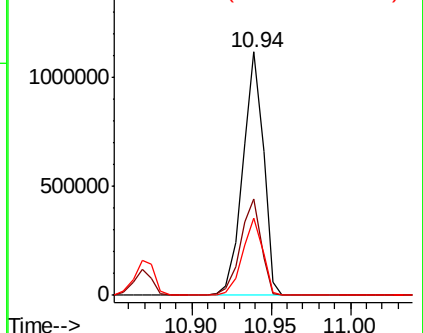
249 31.9 24.4 36.6



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

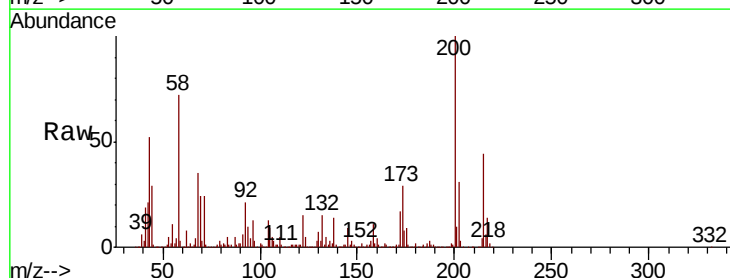
Tgt Ion:200 Resp: 1003154

Ion Ratio Lower Upper

200 100

173 29.0 10.1 50.1

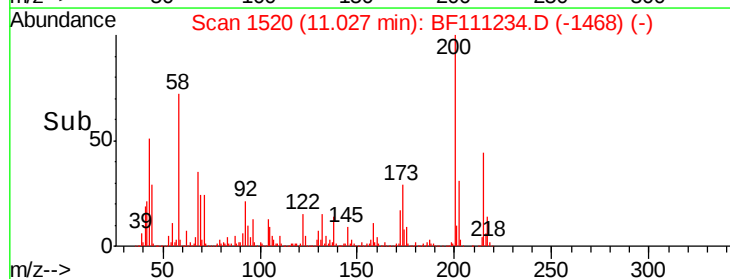
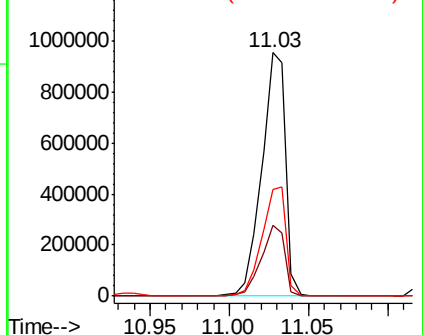
215 43.9 26.9 66.9

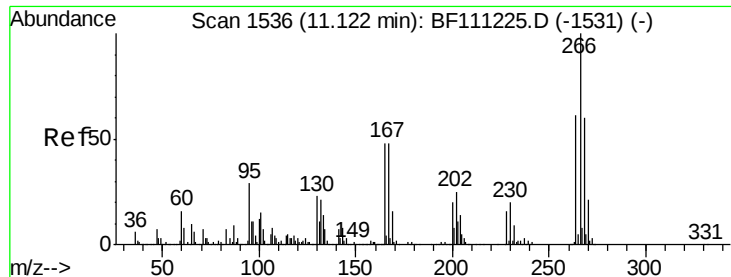


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

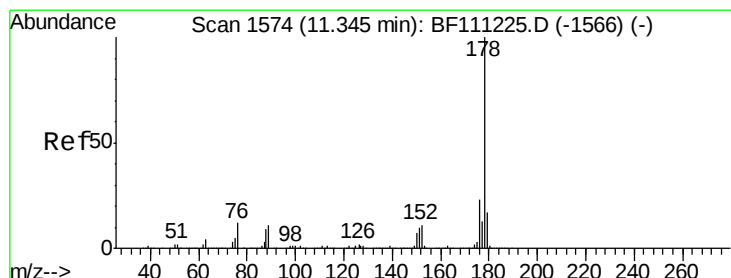
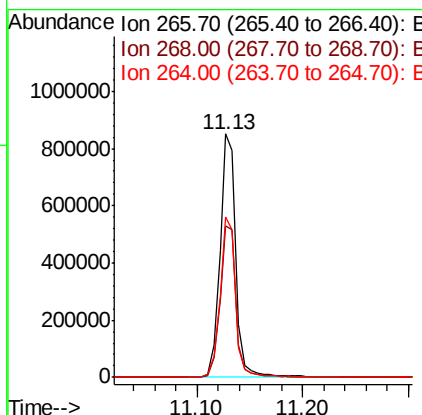
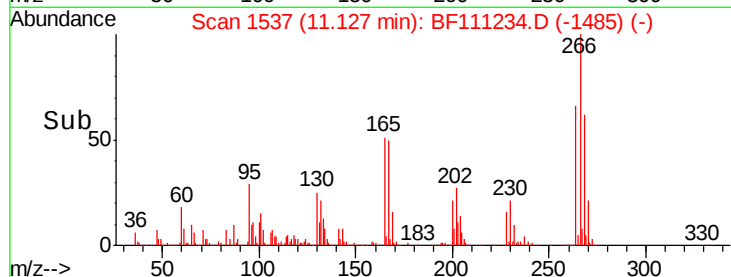
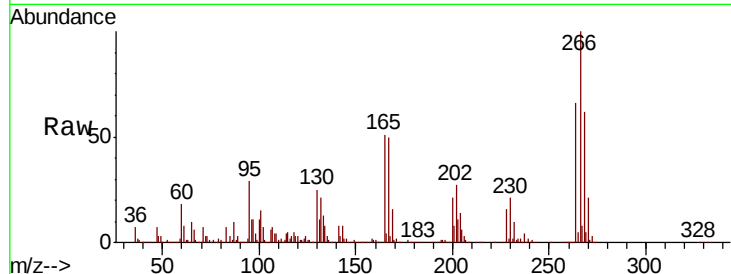




#70
 Pentachlorophenol
 Concen: 53.318 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

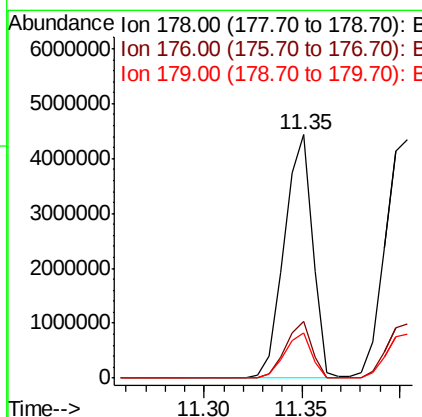
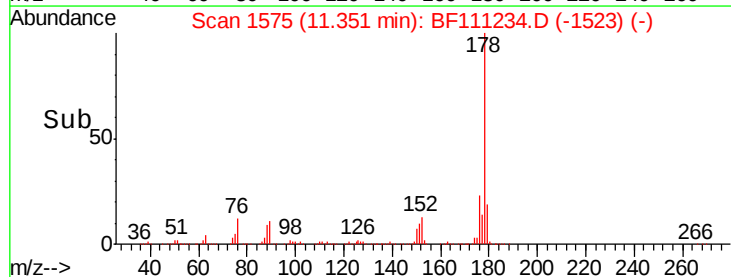
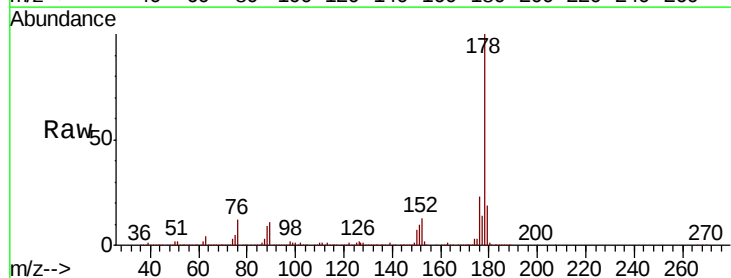
Instrument :
 BNA_F
 ClientSampled :
 WC-2MS

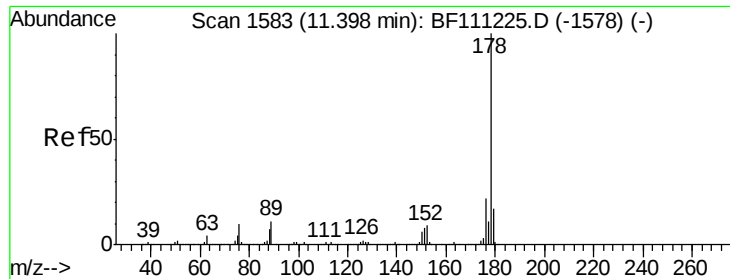
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	47.9	71.9
264	66.0	49.1	73.7



#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

Tgt 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

Instrument :

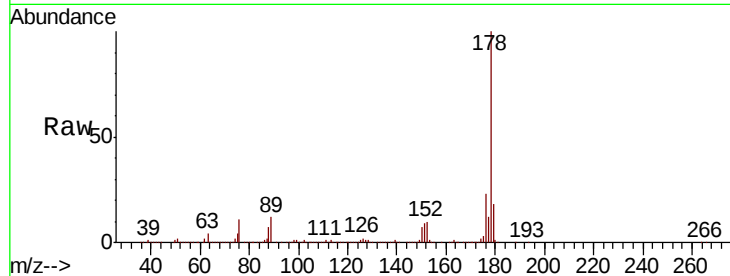
BNA_F

ClientSampleId :

WC-2MS

Tot Ion:178 Resp: 4523180

Ion	Ratio	Lower	Upper
178	100		
176	22.9	17.2	25.8
179	18.4	13.8	20.8

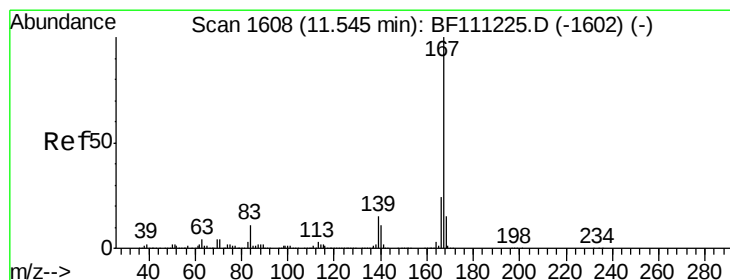
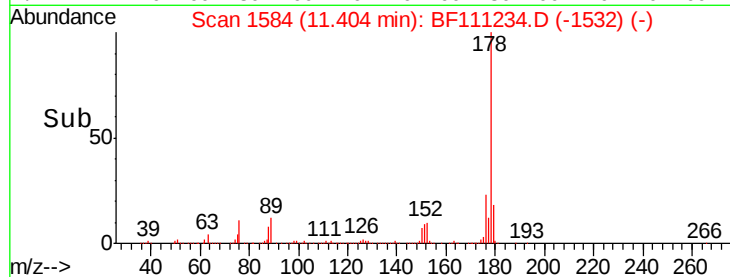
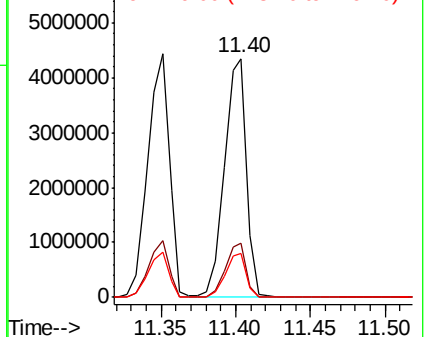


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 39.402 ng

RT: 11.55 min Scan# 1609

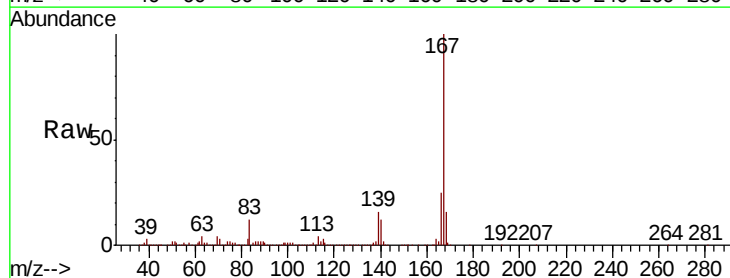
Delta R.T. 0.01 min

Lab File: BF111234.D

Acq: 10 Dec 2018 11:28

Tgt Ion:167 Resp: 4538241

Ion	Ratio	Lower	Upper
167	100		
166	25.3	19.3	28.9
139	16.0	11.9	17.9

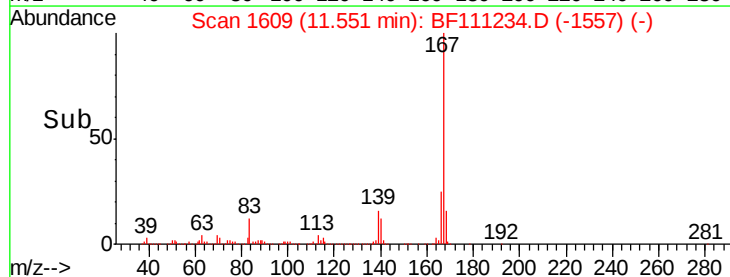
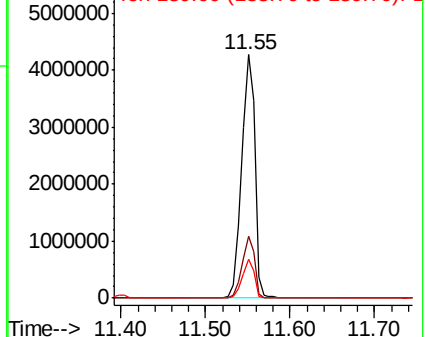


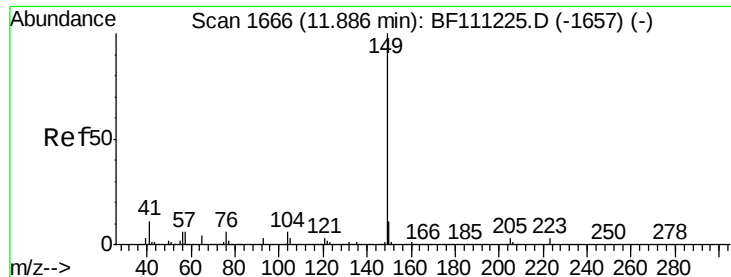
Abundance

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

Instrument :

BNA_F

ClientSampleId :

WC-2MS

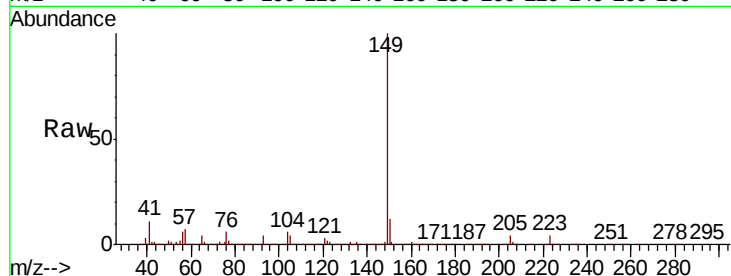
Tot Ion:149 Resp: 5001132

Ion Ratio Lower Upper

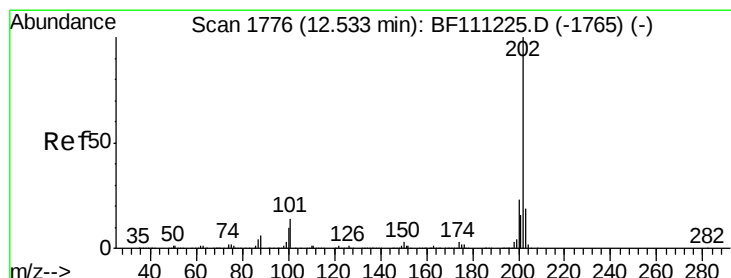
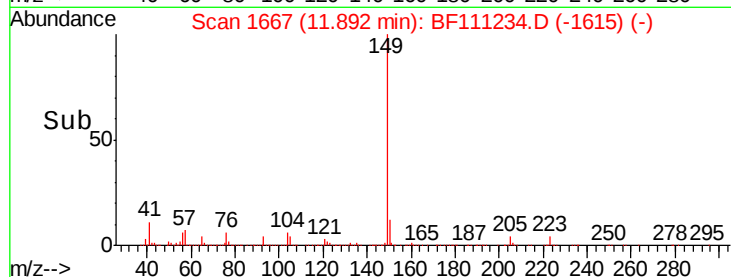
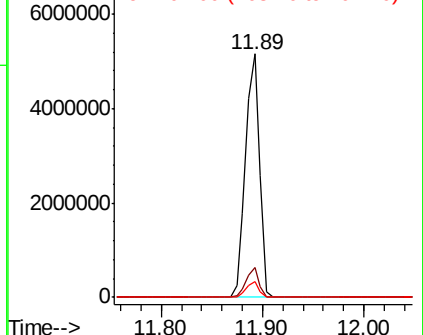
149 100

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

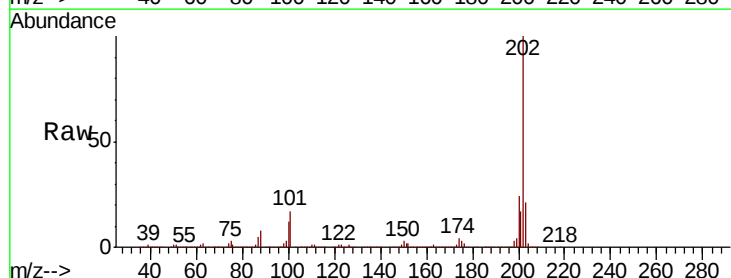
Tgt Ion:202 Resp: 4346995

Ion Ratio Lower Upper

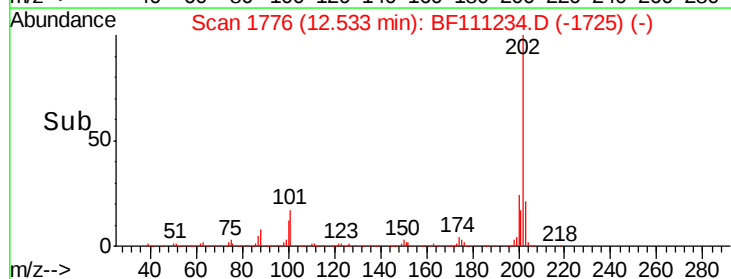
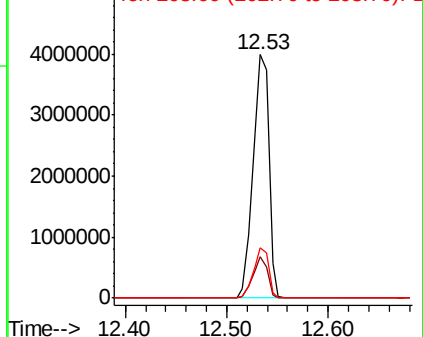
202 100

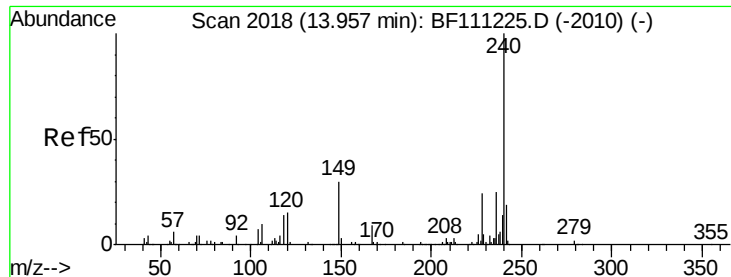
101 17.2 0.0 33.8

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

Instrument :

BNA_F

ClientSampleId :

WC-2MS

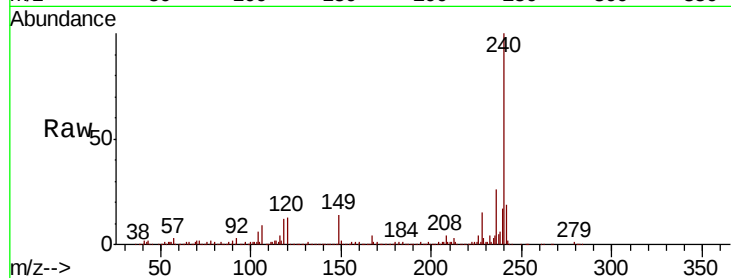
Tot Ion:240 Resp: 1170635

Ion Ratio Lower Upper

240 100

120 13.3 12.2 18.2

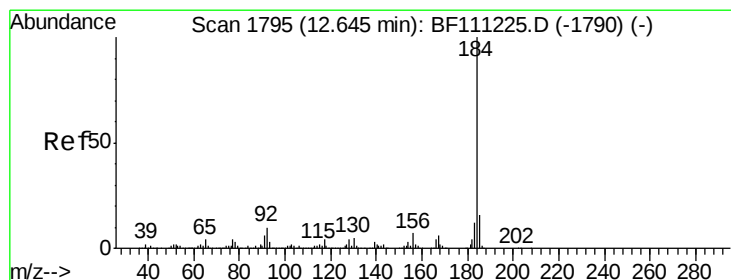
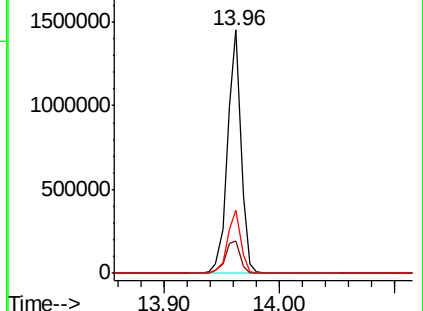
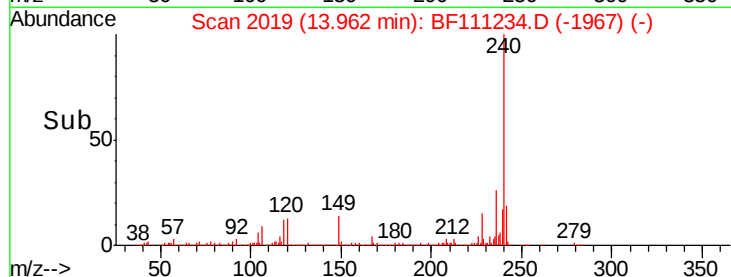
236 26.1 20.2 30.2



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

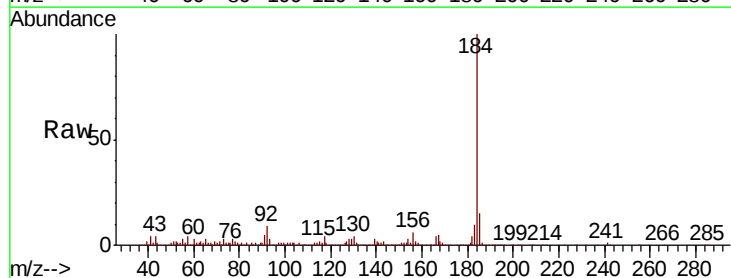
Tgt Ion:184 Resp: 865852

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

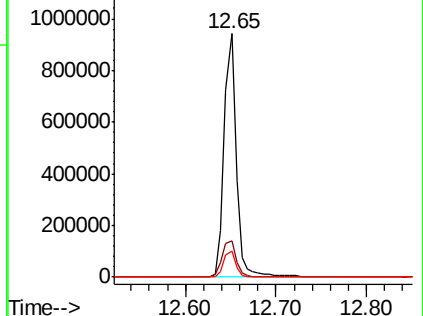
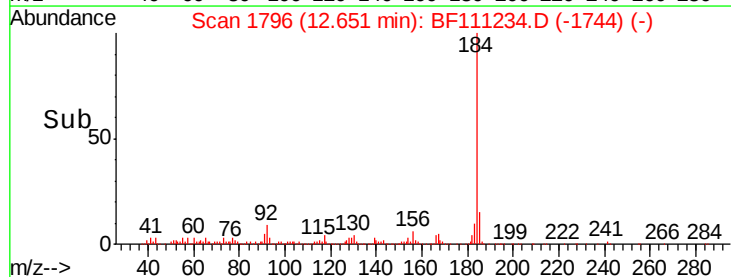
183 10.5 9.3 13.9

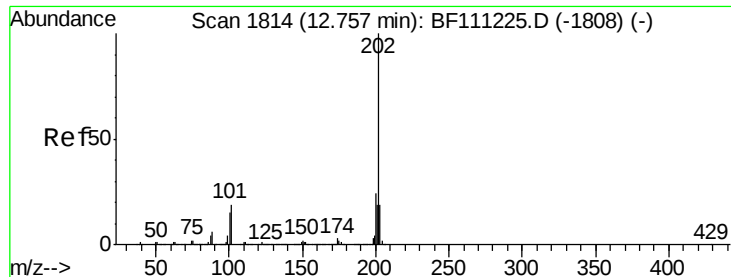


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

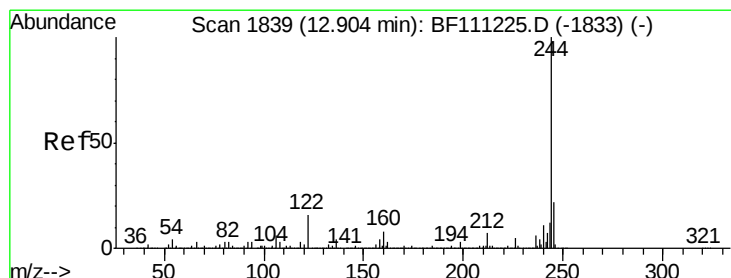
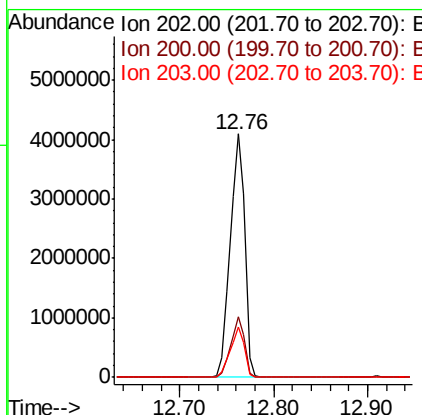
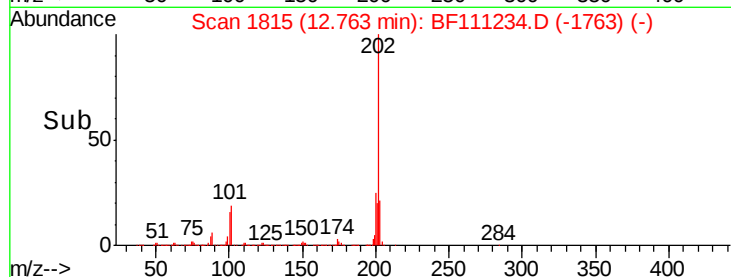
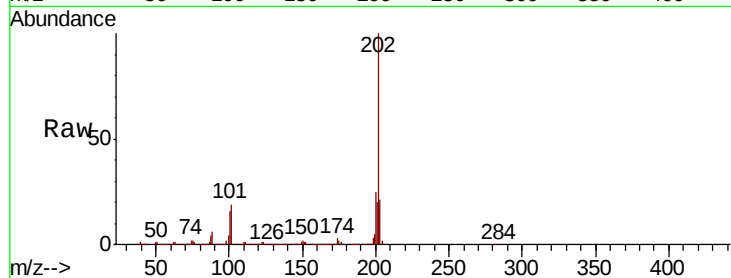




#78
Pvrene
Concen: 52.556 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

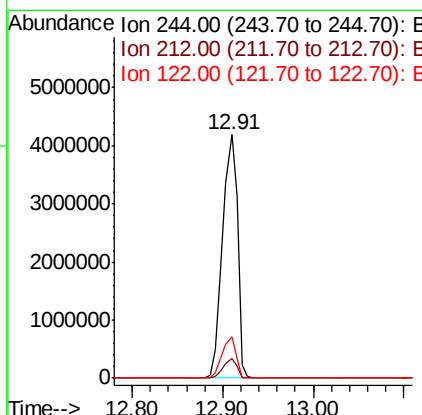
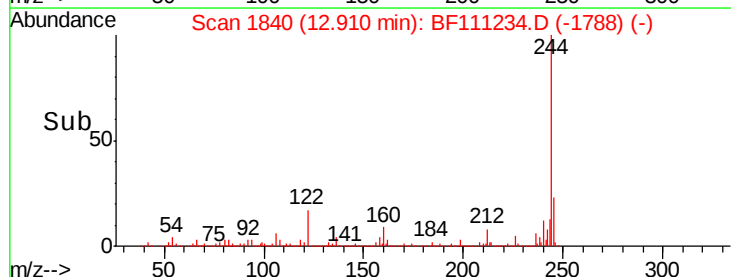
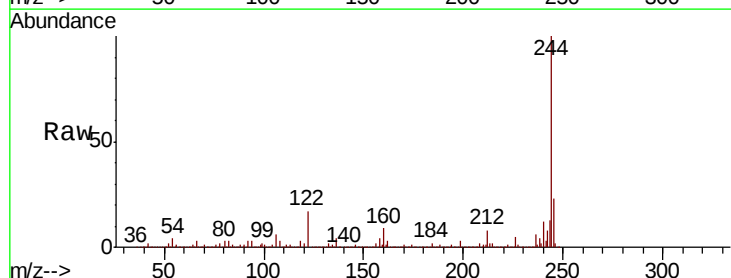
Instrument :
BNA_F
ClientSampled :
WC-2MS

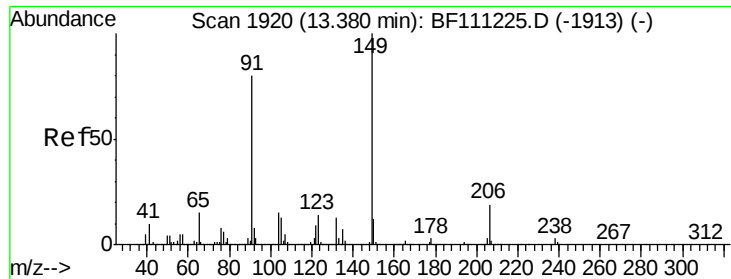
Tot Ion:202 Resp: 4396496
Ion Ratio Lower Upper
202 100
200 25.1 19.0 28.4
203 20.6 15.2 22.8



#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

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

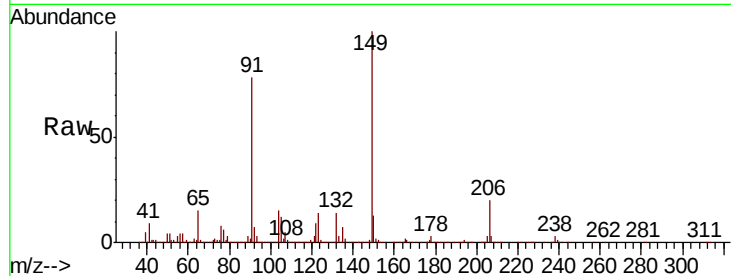




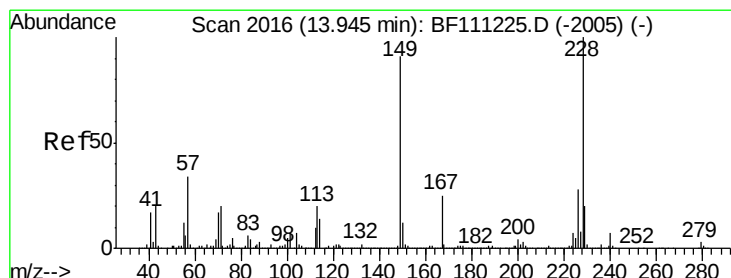
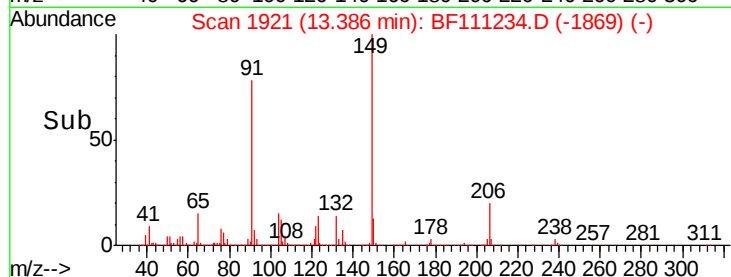
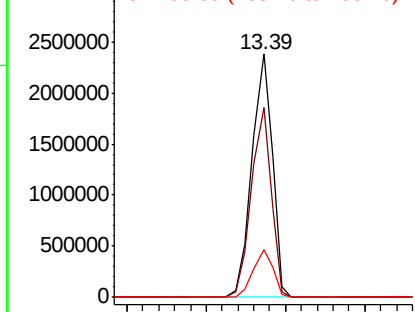
#80
 Butylbenzylphthalate
 Concen: 48.745 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

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

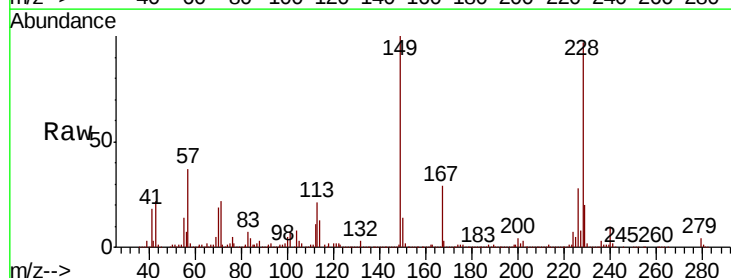


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

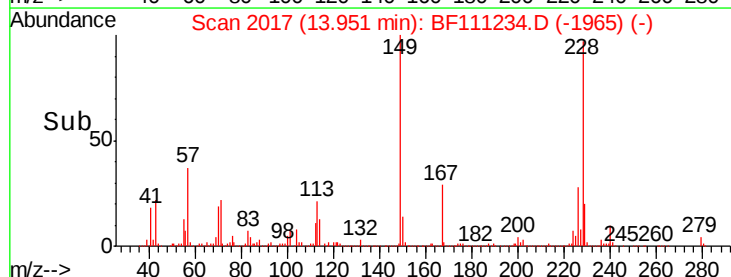
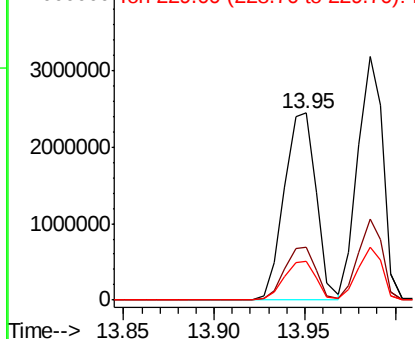


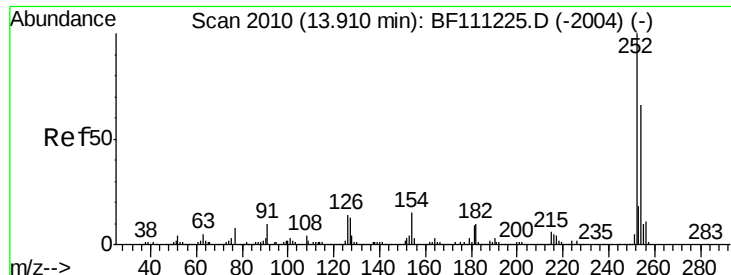
#81
 Benzo(a)anthracene
 Concen: 46.398 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt 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

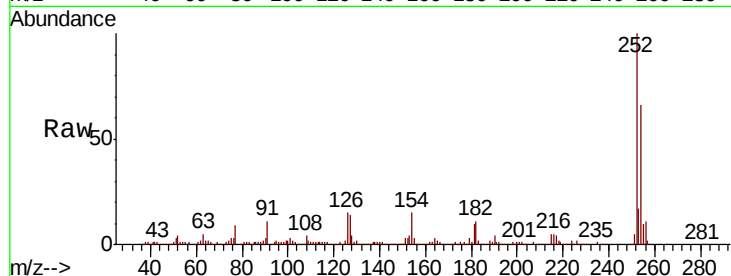




#82
 3,3'-Dichlorobenzidine
 Concen: 20.490 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.7	79.1
126	14.9	11.1	16.7

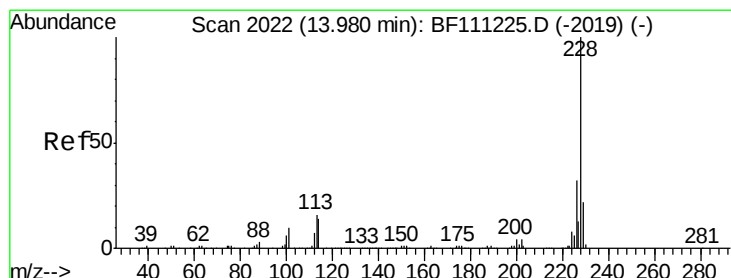
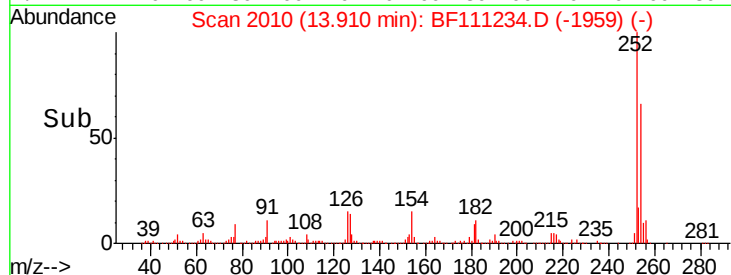
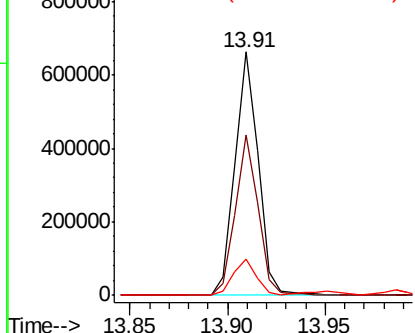


Abundance

Ion 252.00 (251.70 to 252.70): E

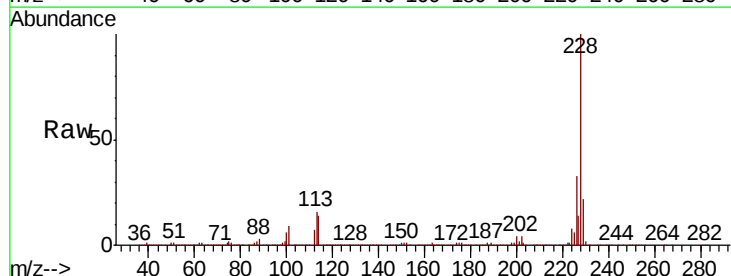
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.3	37.9
229	21.7	17.2	25.8

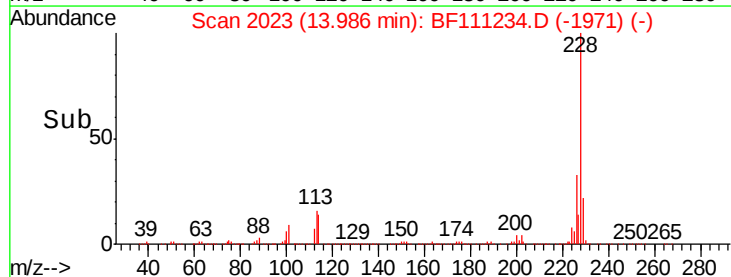
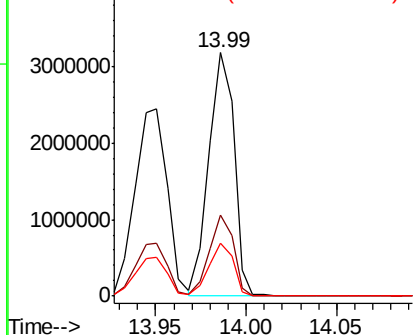


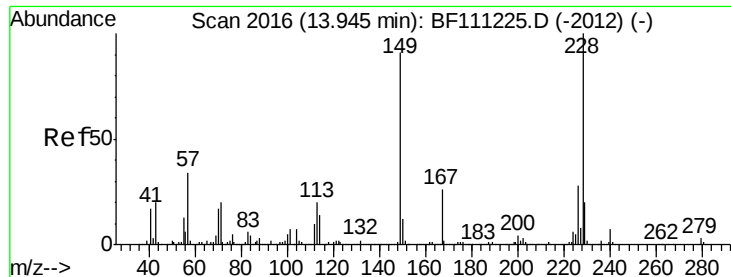
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 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

Instrument :

BNA_F

ClientSampleId :

WC-2MS

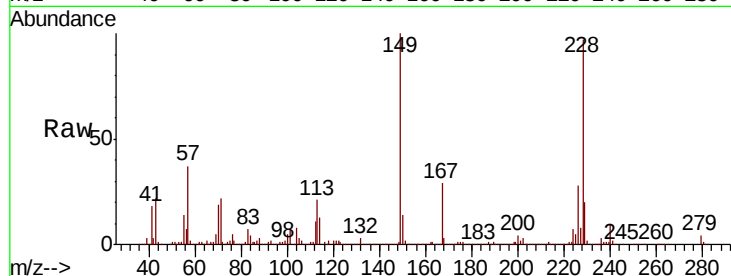
Tot Ion:149 Resp: 2270042

Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

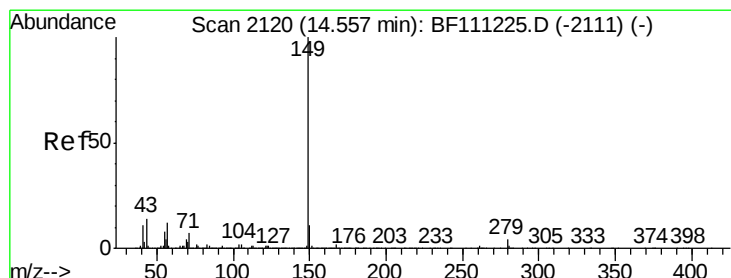
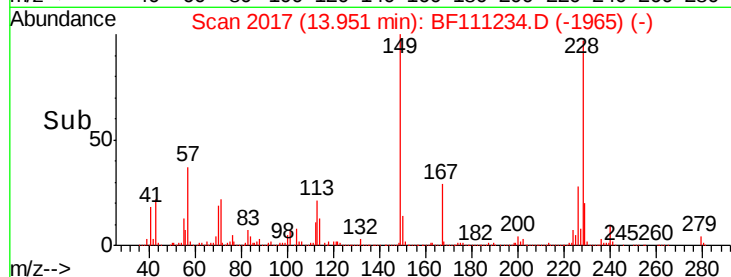
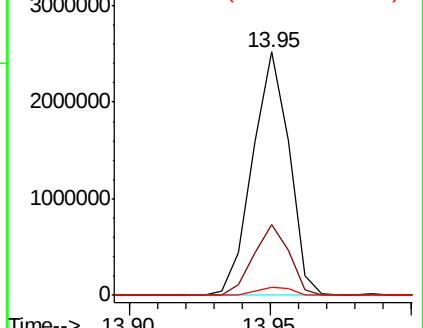
279 3.5 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 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

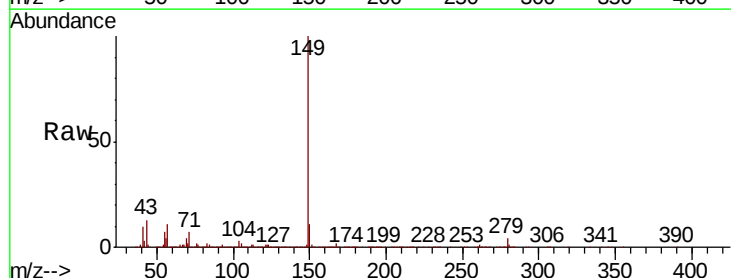
Tgt Ion:149 Resp: 3792815

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

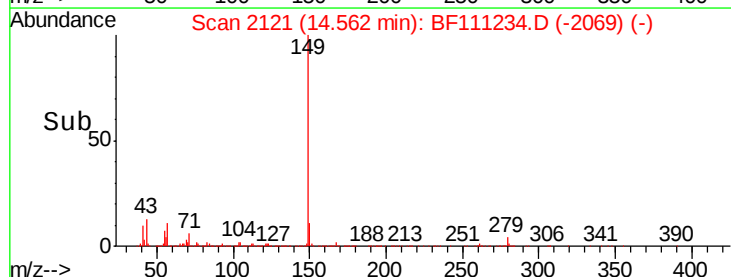
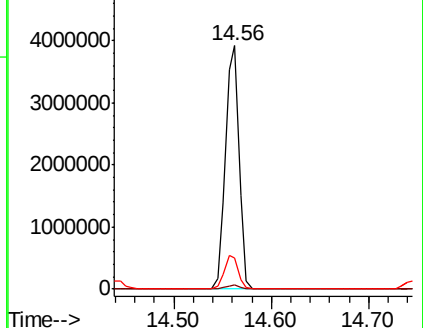
43 13.8 10.9 16.3

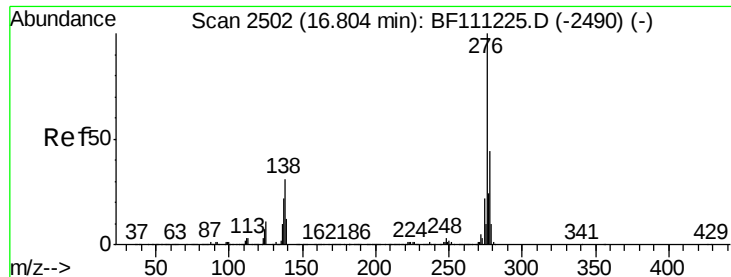


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

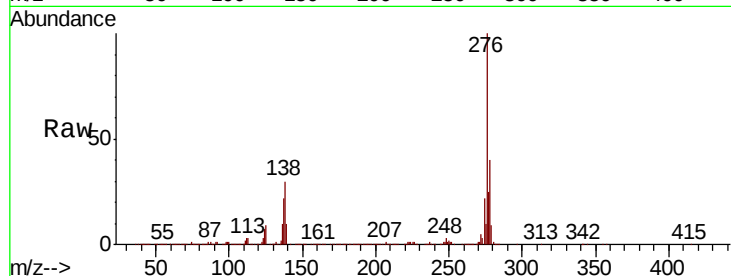




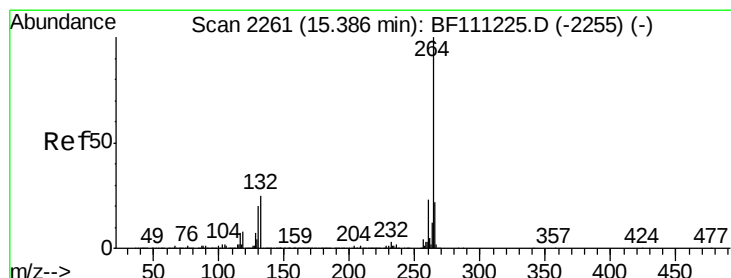
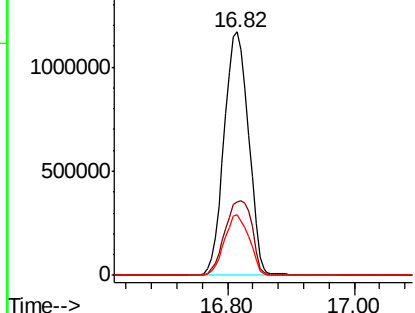
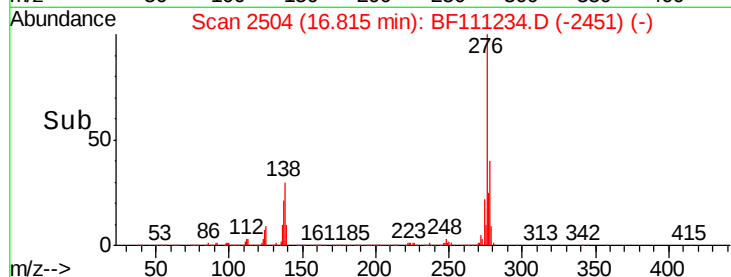
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 57.311 ng
 RT: 16.82 min Scan# 2504
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

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

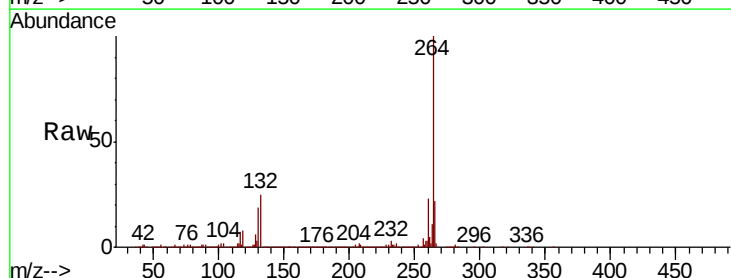


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

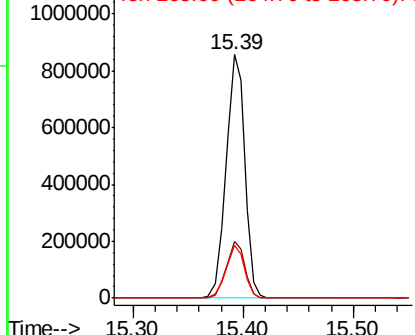
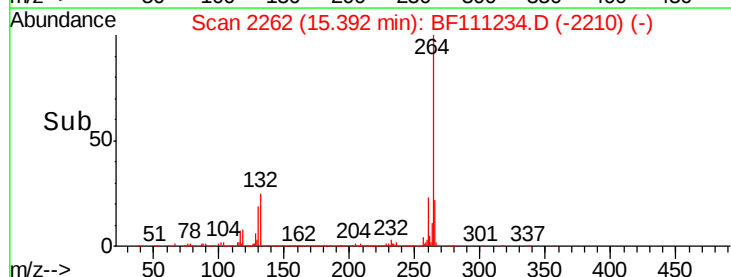


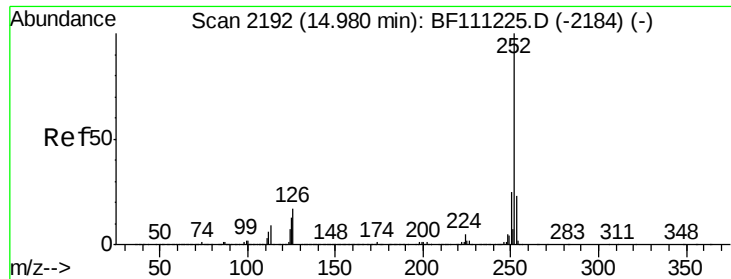
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Tgt 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

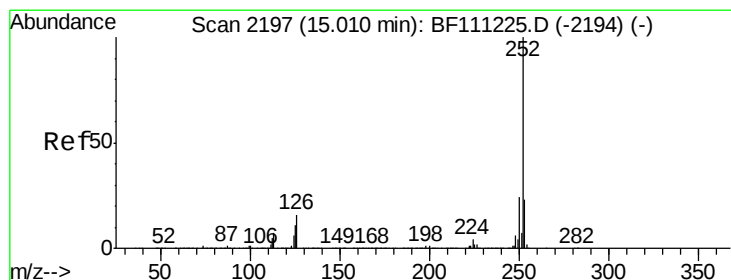
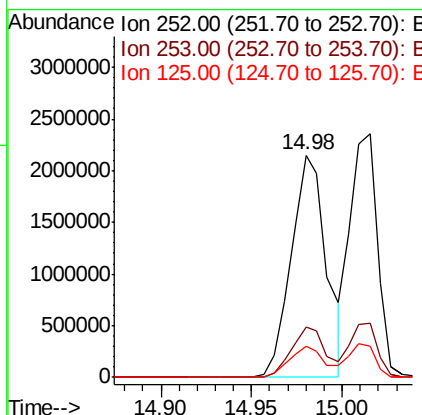
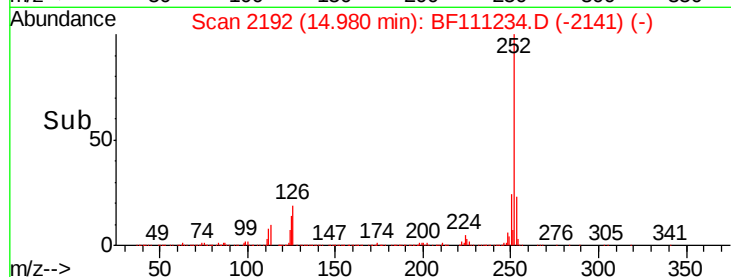
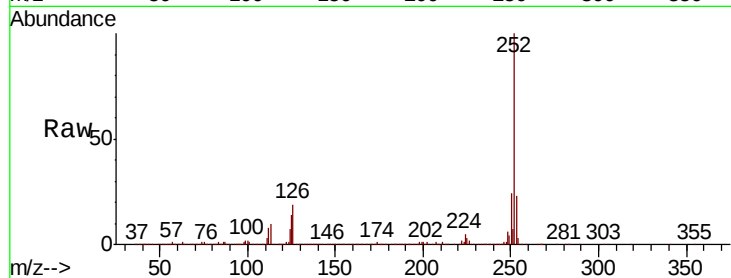




#88
Benzo(b)fluoranthene
Concen: 51.602 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

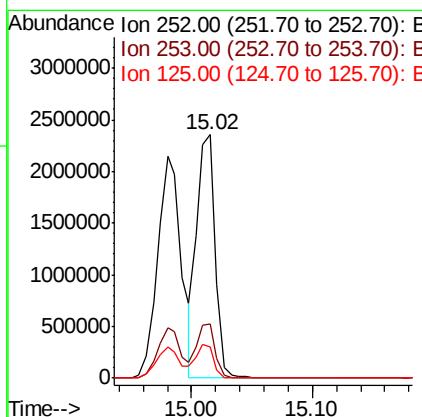
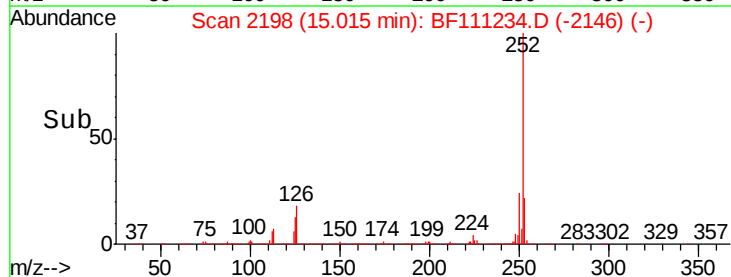
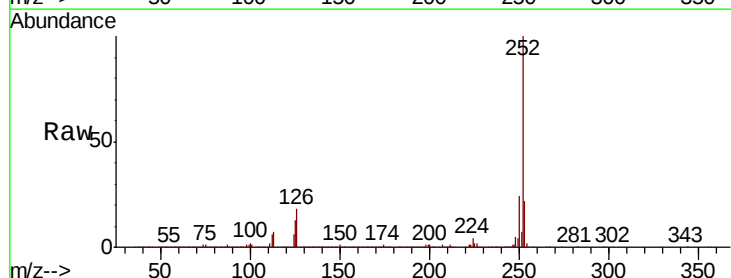
Instrument :
BNA_F
ClientSampleId :
WC-2MS

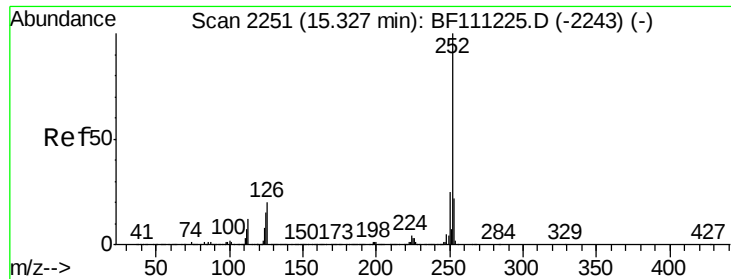
Tot Ion:252 Resp: 2926857
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 14.3 10.4 15.6



#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

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

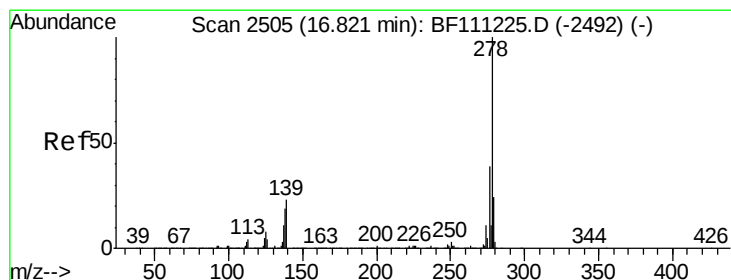
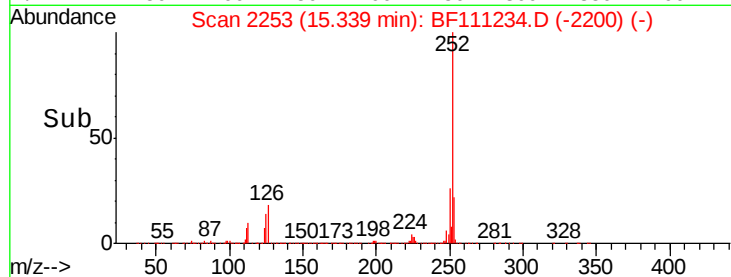
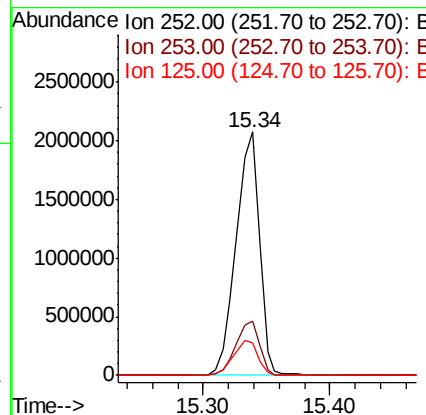
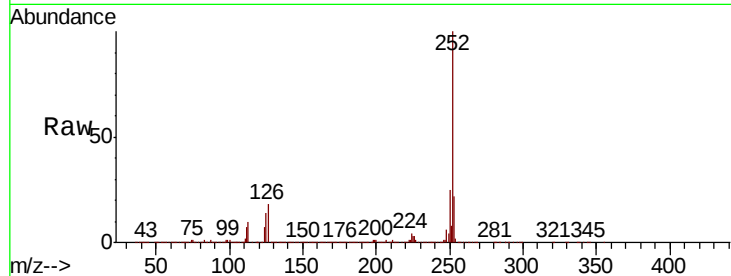




#90
Benzo(a)pyrene
Concen: 50.409 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111234.D
Acq: 10 Dec 2018 11:28

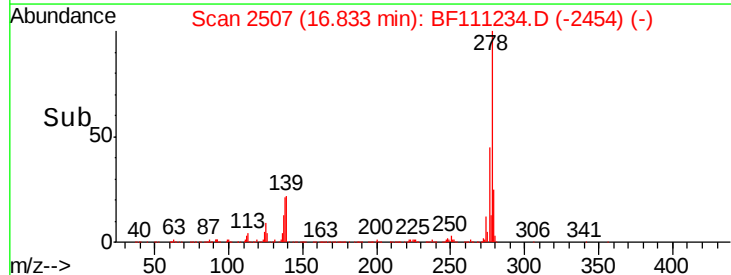
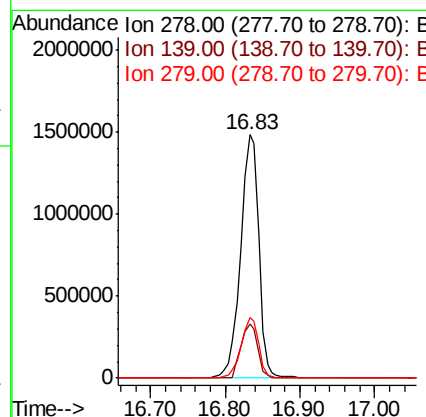
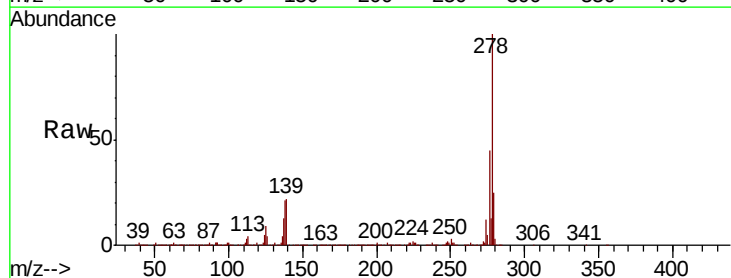
Instrument :
BNA_F
ClientSampleId :
WC-2MS

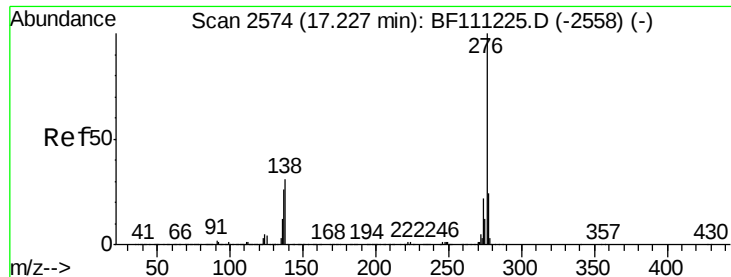
Tot Ion:252 Resp: 2632947
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 13.6 12.3 18.5



#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

Tgt Ion:278 Resp: 2529950
Ion Ratio Lower Upper
278 100
139 22.0 18.2 27.4
279 24.9 19.0 28.6

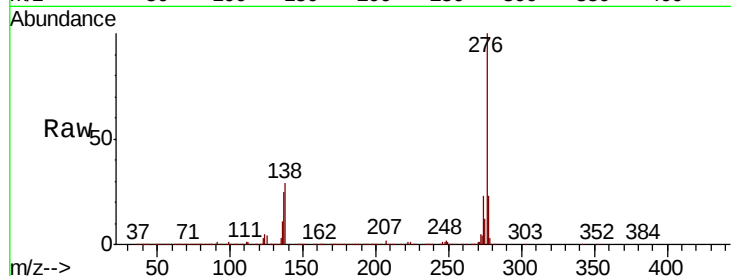




#92
 Benzo(a,h,i)perylene
 Concen: 64.884 ng
 RT: 17.24 min Scan# 2577
 Delta R.T. 0.02 min
 Lab File: BF111234.D
 Acq: 10 Dec 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Tot 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

