

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111408.D
 Acq On : 14 Dec 2018 10:12
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 11:46:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	225340	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1209775	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	582140	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1042534	20.00	ng	0.00
76) Chrysene-d12	13.95	240	876340	20.00	ng	0.00
87) Perylene-d12	15.39	264	820868	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	318222	23.88	ng	0.00
7) Phenol-d6	6.43	99	388427	21.62	ng	-0.01
23) Nitrobenzene-d5	7.35	82	348925	16.26	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	116278	22.66	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	873294	24.08	ng	0.00
79) Terphenyl-d14	12.89	244	818002	20.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	68942	10.358	ng	99
3) Pyridine	3.25	79	169855	10.388	ng	97
4) n-Nitrosodimethylamine	3.16	42	72929	9.561	ng	99
6) Aniline	6.45	93	242718	11.167	ng	98
8) 2-Chlorophenol	6.58	128	172786	10.549	ng	94
9) Benzaldehyde	6.33	77	128161	11.462	ng	96
10) Phenol	6.44	94	218356	10.729	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	162757	10.165	ng	98
12) 1,3-Dichlorobenzene	6.73	146	188260	10.617	ng	98
13) 1,4-Dichlorobenzene	6.81	146	194610	10.842	ng	97
14) 1,2-Dichlorobenzene	6.96	146	183540	11.053	ng	98
15) Benzyl Alcohol	6.93	79	143502	10.431	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	325273	10.486	ng	100
17) 2-Methylphenol	7.05	107	135735	10.256	ng	97
18) Hexachloroethane	7.30	117	69356	10.408	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	128931	10.799	ng	95
20) 3+4-Methylphenols	7.20	107	182102	11.538	ng	# 73
22) Acetophenone	7.20	105	243224	8.655	ng	# 89
24) Nitrobenzene	7.37	77	178072	8.054	ng	96
25) Isophorone	7.61	82	289656	7.945	ng	98
26) 2-Nitrophenol	7.69	139	91044	8.378	ng	99
27) 2,4-Dimethylphenol	7.73	122	134169	8.133	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	216126	8.636	ng	99
29) 2,4-Dichlorophenol	7.93	162	178398	10.367	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	184604	10.441	ng	99
31) Naphthalene	8.10	128	618178	10.967	ng	95
32) Benzoic acid	7.81	122	94600	6.898	ng	93
33) 4-Chloroaniline	8.15	127	270724	11.247	ng	95
34) Hexachlorobutadiene	8.22	225	99105	10.104	ng	99
35) Caprolactam	8.48	113	64029	10.619	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	192944	10.522	ng	94
37) 2-Methylnaphthalene	8.79	142	401860	11.029	ng	96
38) 1-Methylnaphthalene	8.89	142	388194	11.039	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	178152	10.887	ng	97

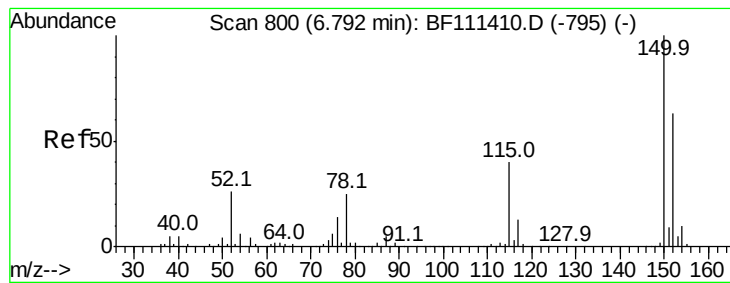
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111408.D
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 QLast Update : Fri Dec 14 11:42:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	81403	9.527	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	119888	10.236	nq	97
44) 2,4,5-Trichlorophenol	9.11	196	126926	10.254	nq	96
46) 1,1'-Biphenyl	9.25	154	557379	11.222	nq	95
47) 2-Chloronaphthalene	9.27	162	416072	10.938	nq	94
48) 2-Nitroaniline	9.37	65	127687	10.330	nq	# 84
49) Acenaphthylene	9.69	152	617106	11.104	nq	93
50) Dimethylphthalate	9.55	163	454212	10.850	nq	98
51) 2,6-Dinitrotoluene	9.60	165	100121	10.790	nq	91
52) Acenaphthene	9.86	154	384853	10.979	nq	98
53) 3-Nitroaniline	9.77	138	124684	11.179	nq	97
54) 2,4-Dinitrophenol	9.88	184	25699	7.059	nq	93
55) Dibenzofuran	10.03	168	572632	11.316	nq	93
56) 4-Nitrophenol	9.95	139	77850	9.692	nq	95
57) 2,4-Dinitrotoluene	10.01	165	130627	10.984	nq	# 94
58) Fluorene	10.37	166	419241	11.581	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	102441	10.713	nq	95
60) Diethylphthalate	10.25	149	520704	12.355	nq	97
61) 4-Chlorophenyl-phenylether	10.37	204	205717	11.463	nq	98
62) 4-Nitroaniline	10.38	138	119178	11.117	nq	95
63) Azobenzene	10.53	77	460193	10.830	nq	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	54043	9.029	nq	88
66) n-Nitrosodiphenylamine	10.49	169	398658	10.750	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	121537	10.472	nq	99
68) Hexachlorobenzene	10.93	284	126607	10.594	nq	99
69) Atrazine	11.01	200	122340	11.406	nq	99
70) Pentachlorophenol	11.12	266	61177	7.692	nq	97
71) Phenanthrene	11.33	178	606057	11.247	nq	94
72) Anthracene	11.39	178	620804	11.314	nq	95
73) Carbazole	11.54	167	649062	11.440	nq	94
74) Di-n-butylphthalate	11.87	149	737101	11.411	nq	96
75) Fluoranthene	12.52	202	625123	11.883	nq	98
77) Benzidine	12.64	184	363056	21.953	nq	97
78) Pyrene	12.75	202	653681	9.665	nq	95
80) Butylbenzylphthalate	13.37	149	309492	9.531	nq	96
81) Benzo(a)anthracene	13.94	228	521149	10.629	nq	96
82) 3,3'-Dichlorobenzidine	13.90	252	220126	11.871	nq	98
83) Chrysene	13.97	228	546348	10.921	nq	95
84) Bis(2-ethylhexyl)phthalate	13.93	149	412468	10.390	nq	98
85) Di-n-octyl phthalate	14.54	149	705222	10.819	nq	96
86) Indeno(1,2,3-cd)pyrene	16.79	276	410757	10.498	nq	98
88) Benzo(b)fluoranthene	14.97	252	467162	10.008	nq	99
89) Benzo(k)fluoranthene	15.00	252	502469	10.784	nq	99
90) Benzo(a)pyrene	15.32	252	458260	10.544	nq	96
91) Dibenzo(a,h)anthracene	16.81	278	345088	9.544	nq	96
92) Benzo(g,h,i)perylene	17.22	276	322915	8.932	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

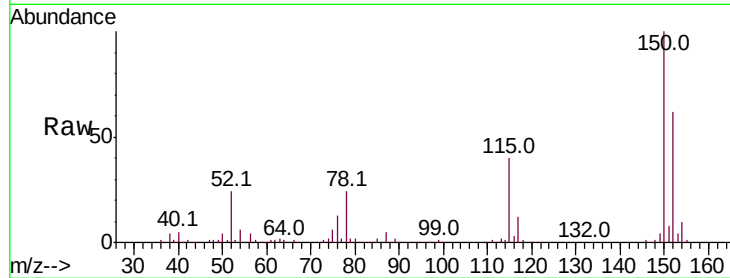
Tot Ion:152 Resp: 225340

Ion Ratio Lower Upper

152 100

150 160.9 126.6 189.8

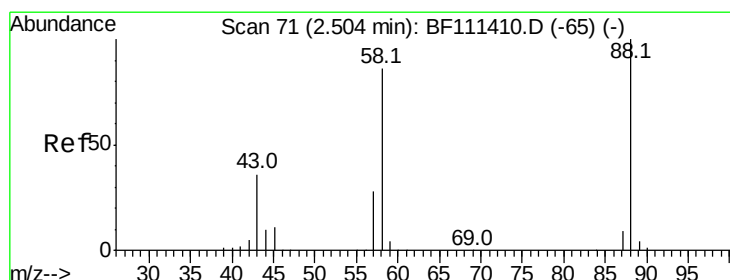
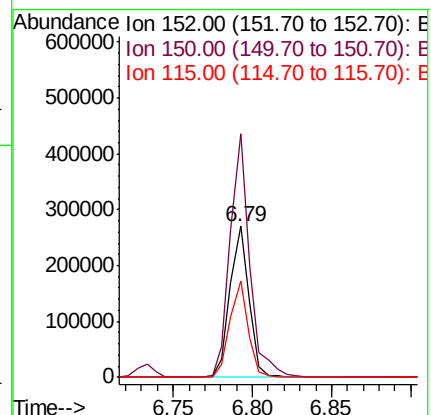
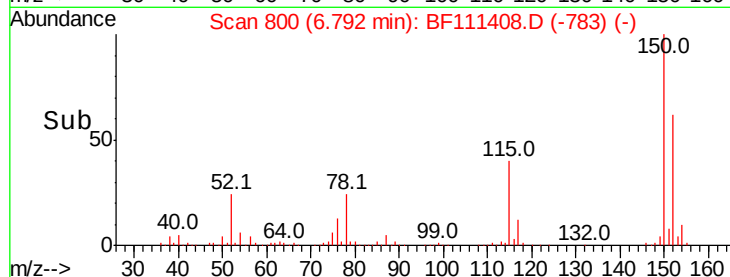
115 63.6 50.7 76.1



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



#2

1,4-Dioxane

Concen: 10.358 ng

RT: 2.51 min Scan# 72

Delta R.T. 0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

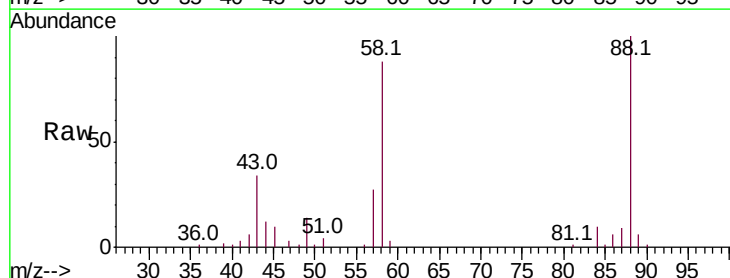
Tgt Ion: 88 Resp: 68942

Ion Ratio Lower Upper

88 100

58 85.9 68.9 103.3

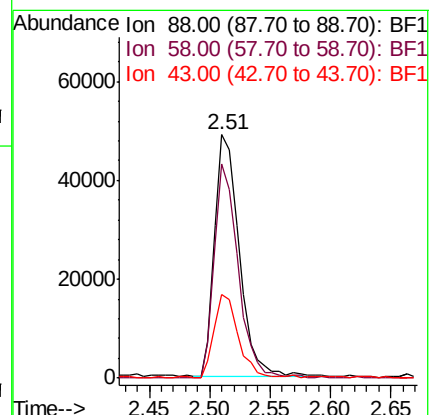
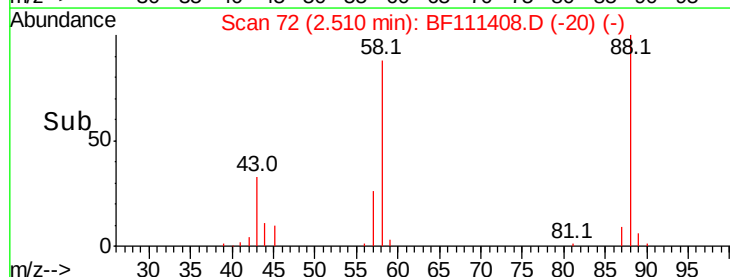
43 34.6 25.8 38.6

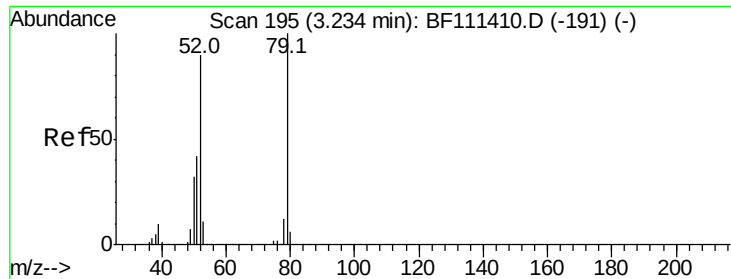


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

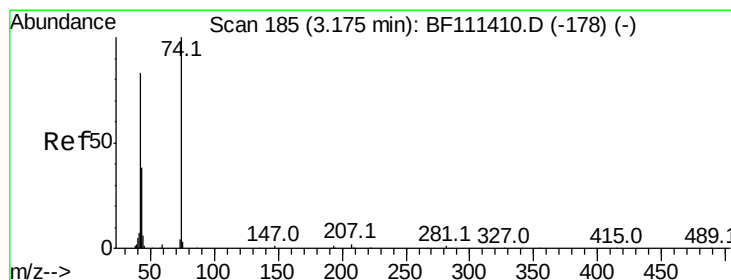
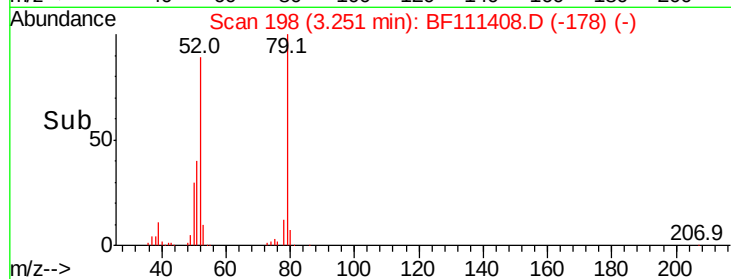
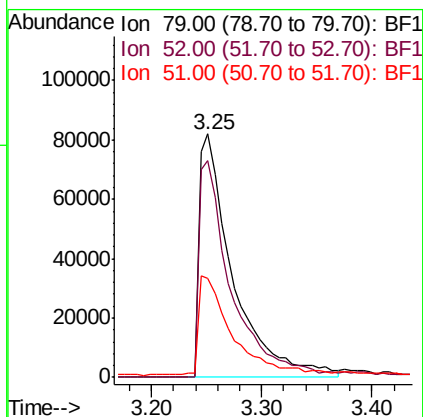
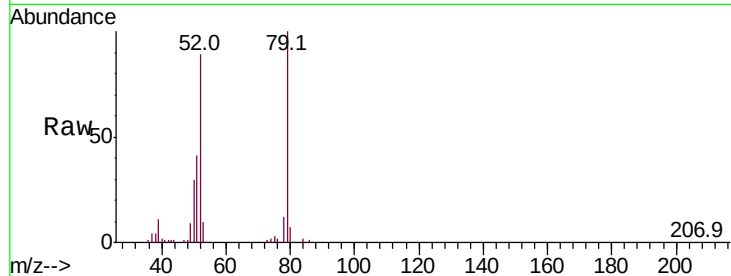




#3
 Pvridine
 Concen: 10.388 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.02 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

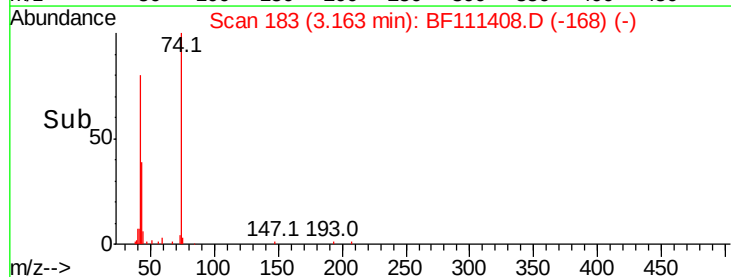
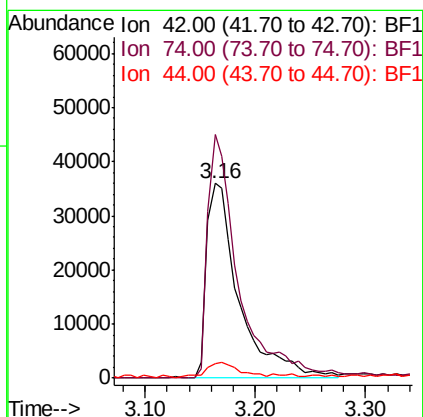
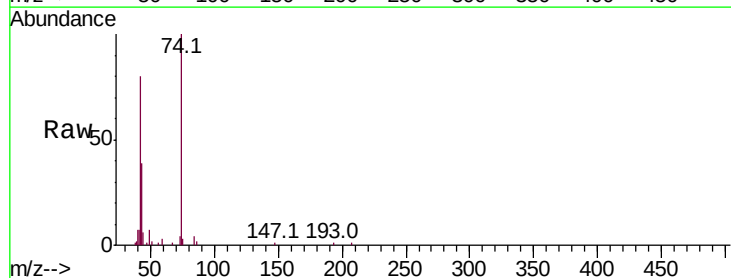
Instrument :
 BNA_F
 ClientSampled :

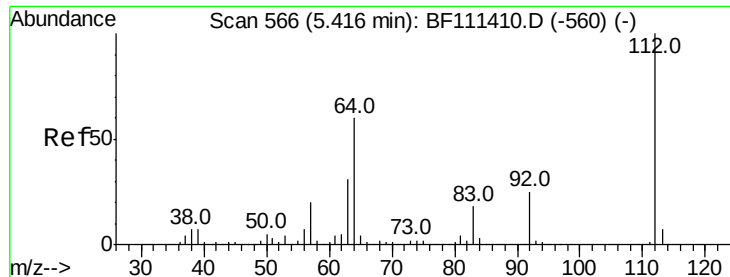
Tot Ion: 79 Resp: 169855
 Ion Ratio Lower Upper
 79 100
 52 88.8 68.3 102.5
 51 40.6 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 9.561 ng
 RT: 3.16 min Scan# 183
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion: 42 Resp: 72929
 Ion Ratio Lower Upper
 42 100
 74 125.3 101.5 152.3
 44 7.4 6.0 9.0





#5

2-Fluorophenol

Concen: 23.880 ng

RT: 5.41 min Scan# 565

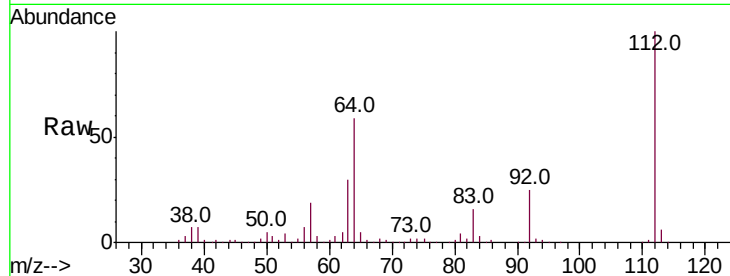
Delta R.T. -0.01 min

Lab File: BF111408.D

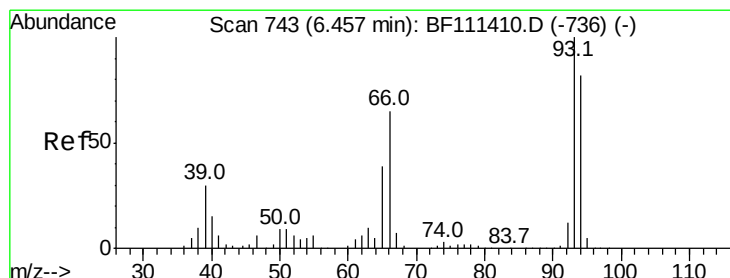
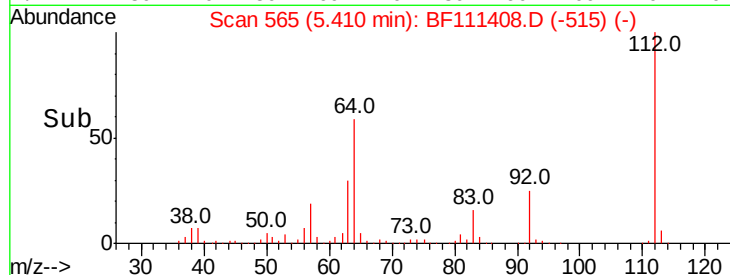
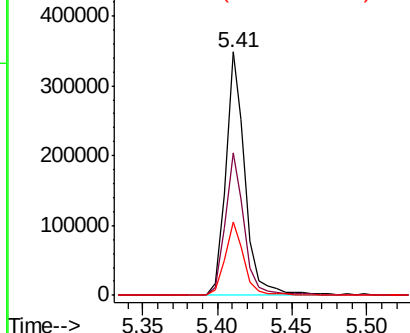
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	318222
Ion	Ratio	Lower	Upper
112	100		
64	58.7	51.8	77.6
63	30.1	26.8	40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.167 ng

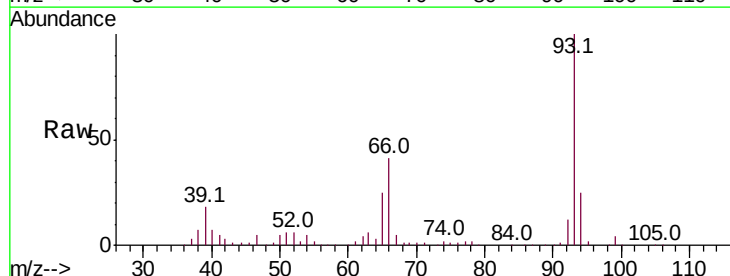
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

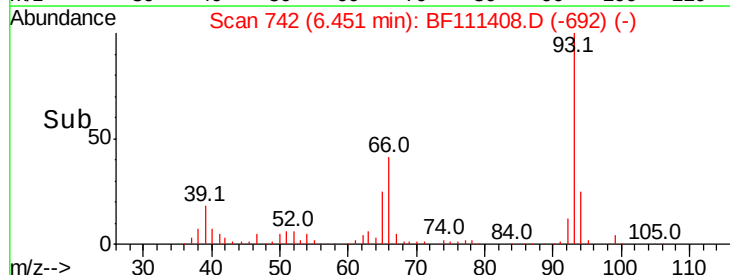
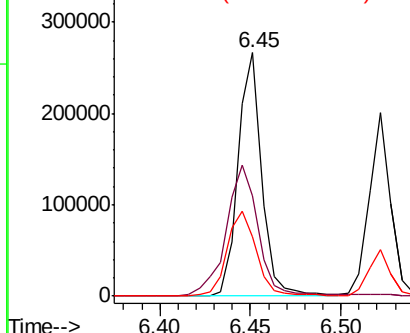
Lab File: BF111408.D

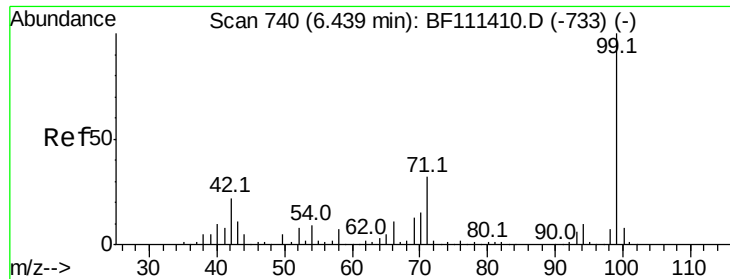
Acq: 14 Dec 2018 10:12

Tgt Ion:	93	Resp:	242718
Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.2	49.8
65	24.5	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: 21.620 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampled :

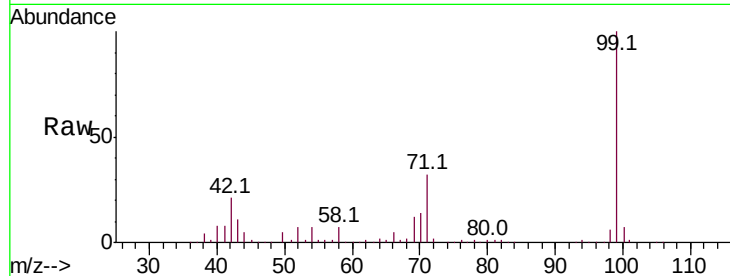
Tot Ion: 99 Resp: 388427

Ion Ratio Lower Upper

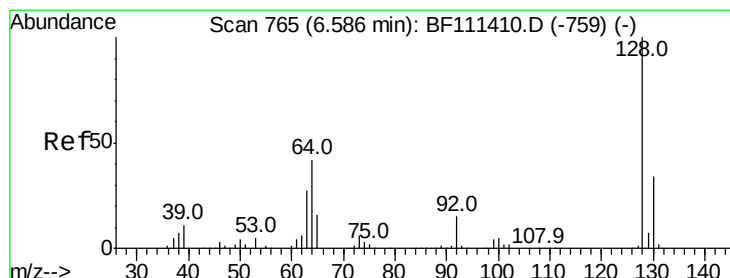
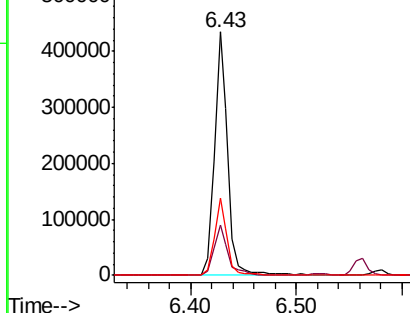
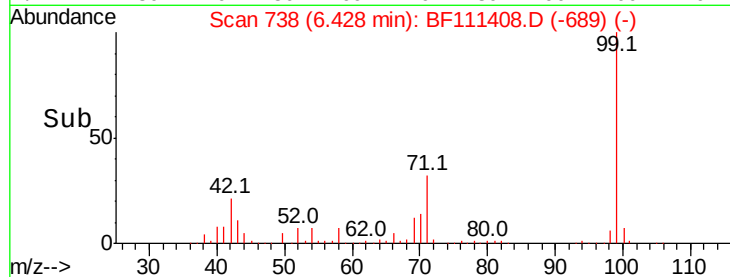
99 100

42 20.6 17.4 26.0

71 31.8 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: 10.549 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

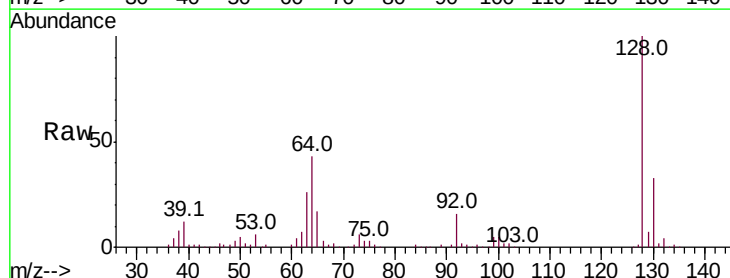
Tgt Ion: 128 Resp: 172786

Ion Ratio Lower Upper

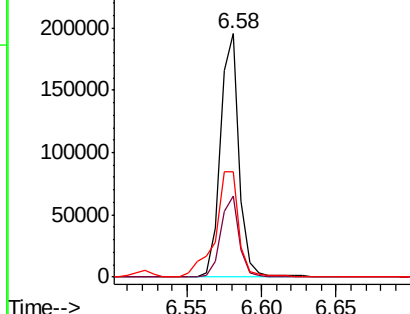
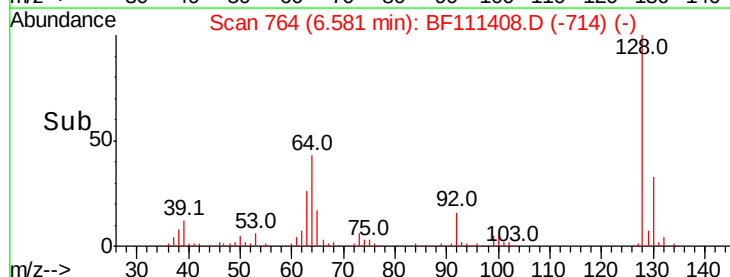
128 100

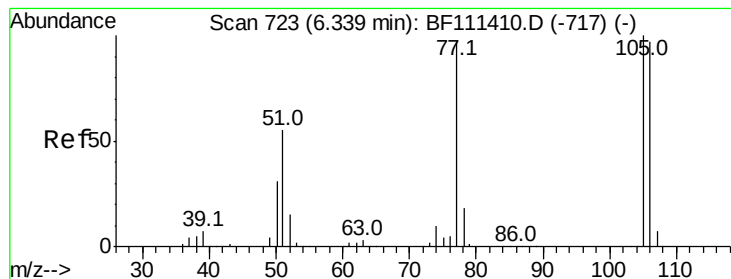
130 33.2 12.7 52.7

64 43.5 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: 11.462 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

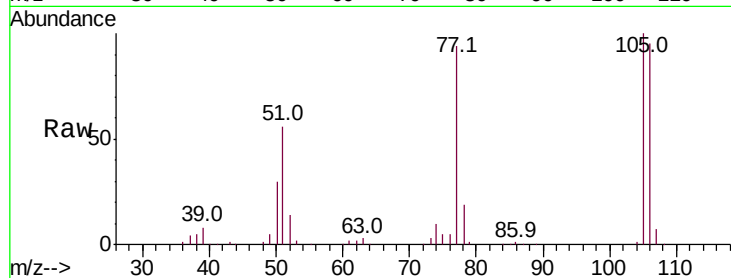
Tot Ion: 77 Resp: 128161

Ion Ratio Lower Upper

77 100

105 106.1 81.4 121.4

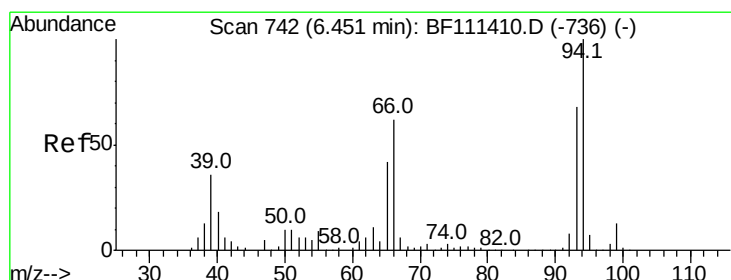
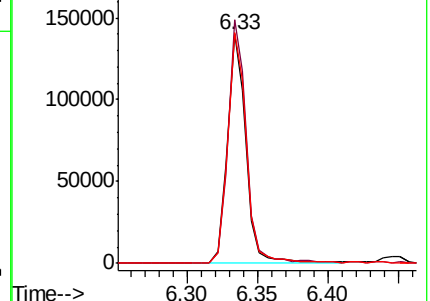
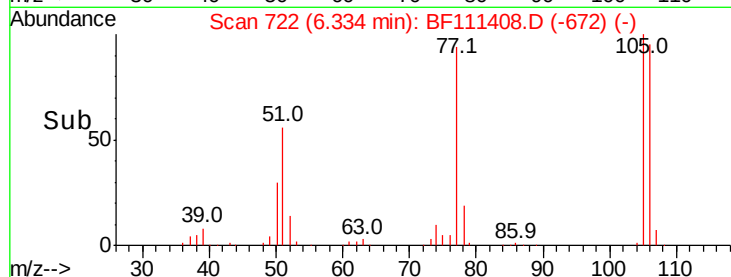
106 100.9 77.9 117.9



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: 10.729 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

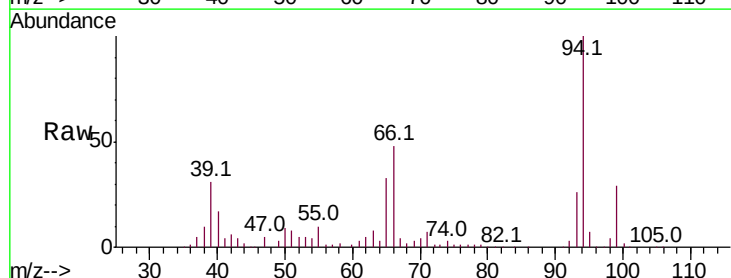
Tgt Ion: 94 Resp: 218356

Ion Ratio Lower Upper

94 100

65 33.0 11.7 51.7

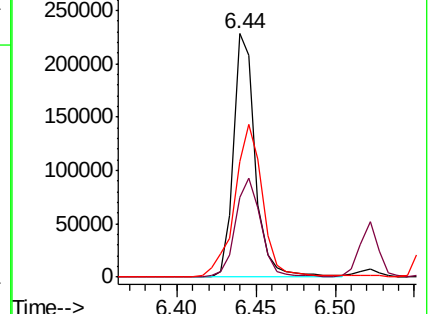
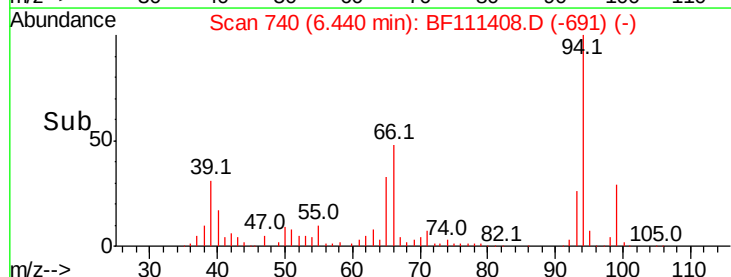
66 47.6 21.0 61.0

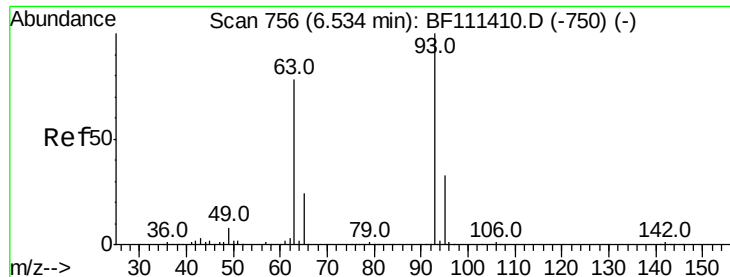


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



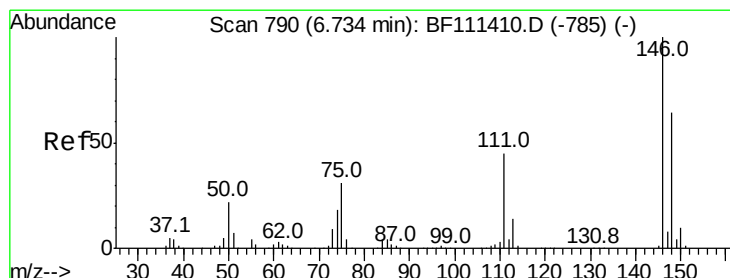
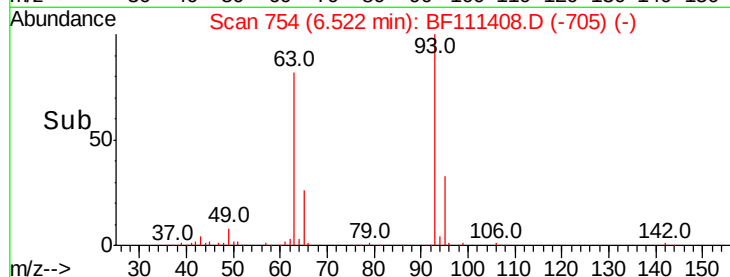
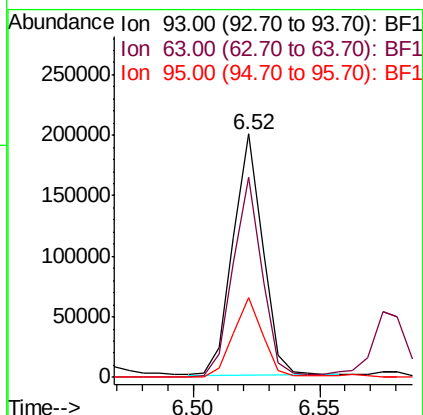
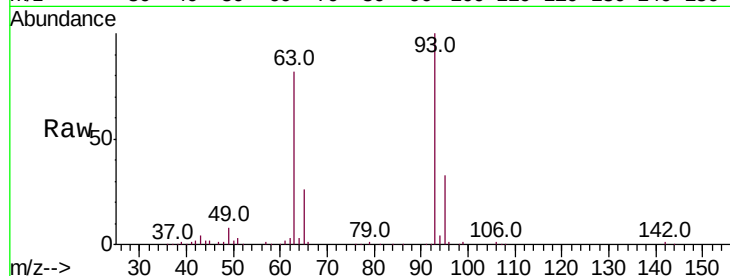


#11

bis(2-Chloroethyl)ether
Concen: 10.165 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampled :

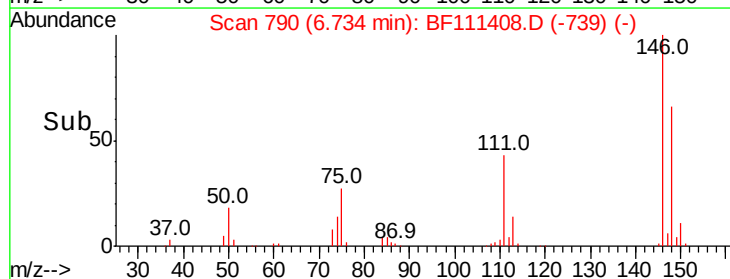
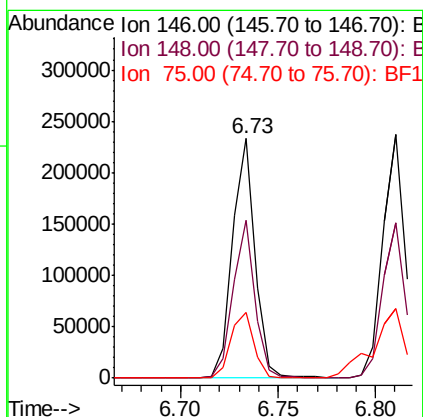
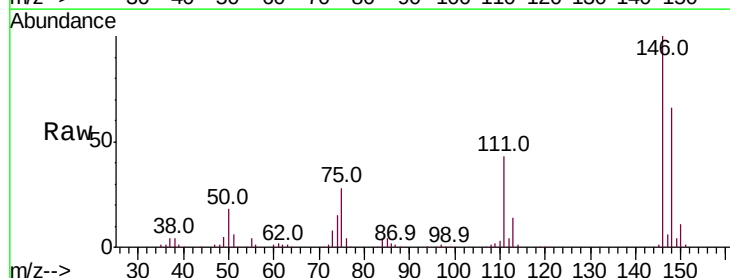
Tot Ion: 93 Resp: 162757
Ion Ratio Lower Upper
93 100
63 82.2 60.0 100.0
95 33.0 13.4 53.4

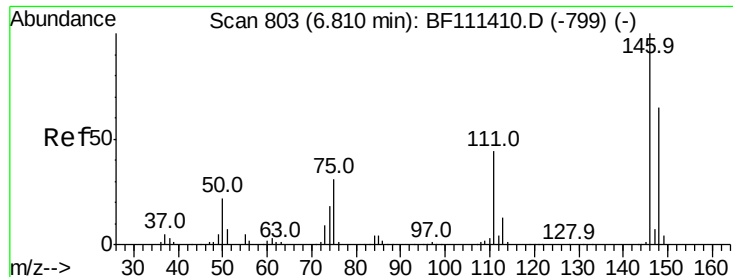


#12

1,3-Dichlorobenzene
Concen: 10.617 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion: 146 Resp: 188260
Ion Ratio Lower Upper
146 100
148 66.0 52.1 78.1
75 27.6 23.9 35.9

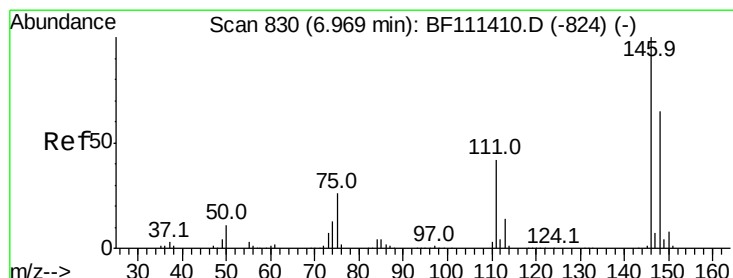
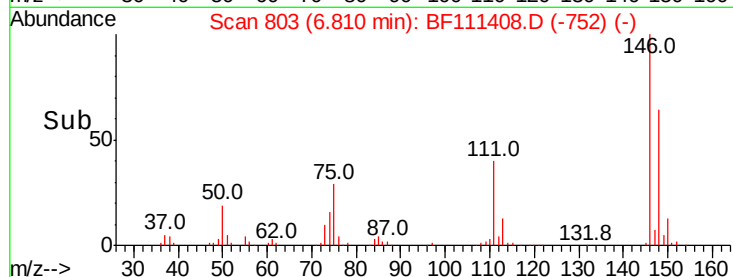
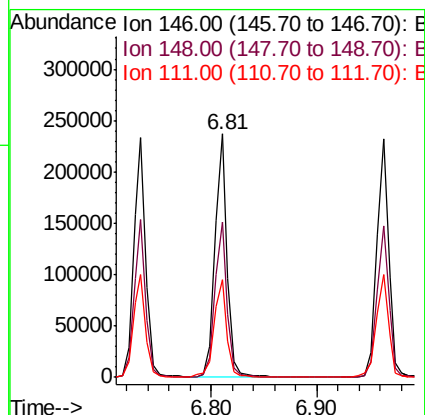
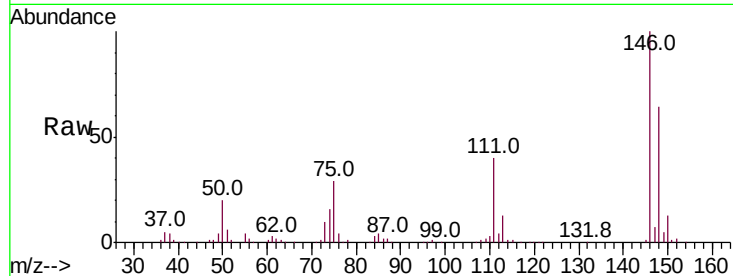




#13
 1,4-Dichlorobenzene
 Concen: 10.842 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

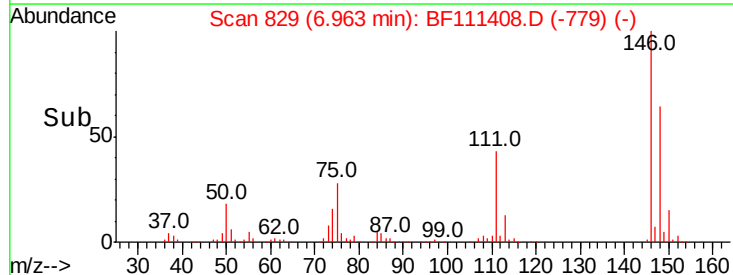
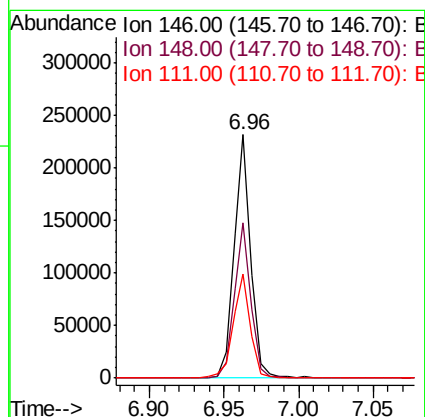
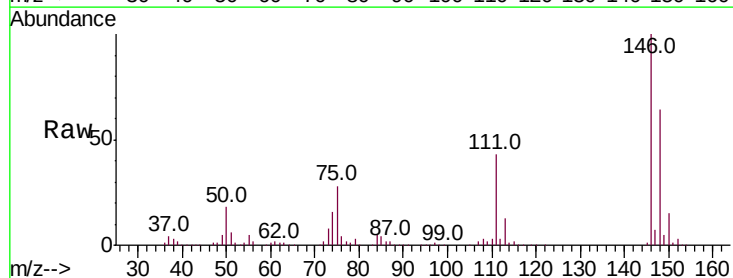
Instrument :
 BNA_F
 ClientSampled :

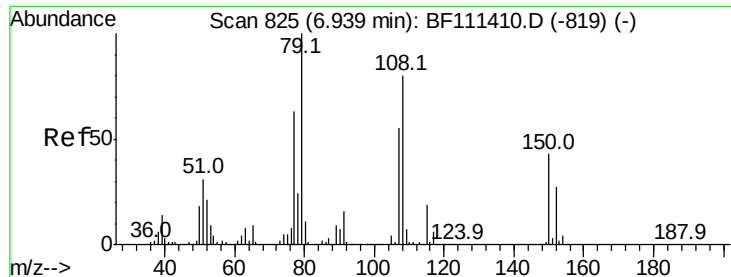
Tot Ion:146 Resp: 194610
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.8 79.2
 111 40.3 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 11.053 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion:146 Resp: 183540
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 111 43.0 36.2 54.4





#15

Benzyl Alcohol

Concen: 10.431 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampled :

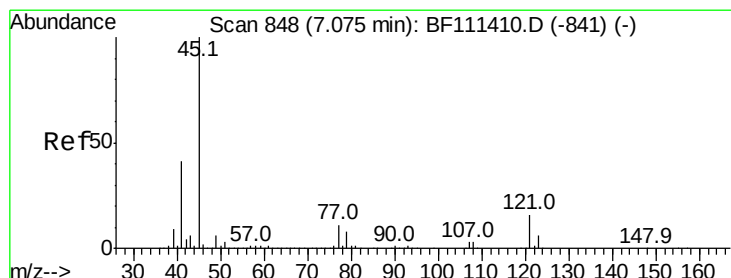
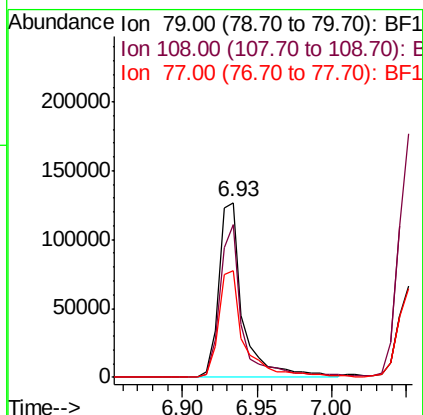
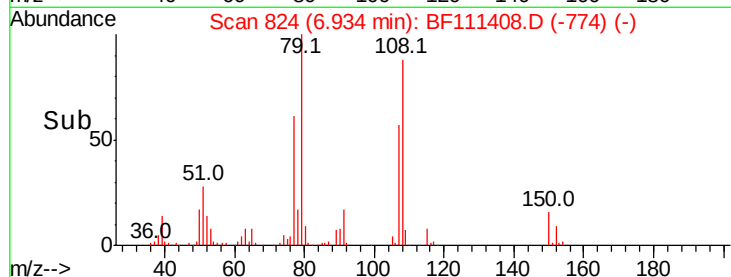
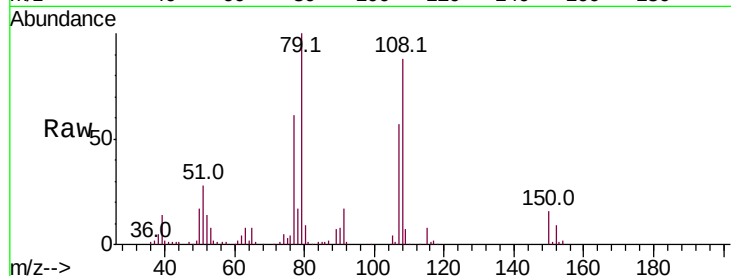
Tot Ion: 79 Resp: 143502

Ion Ratio Lower Upper

79 100

108 87.8 69.4 104.2

77 61.3 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.486 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

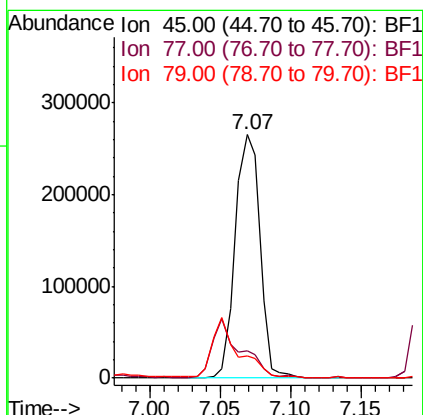
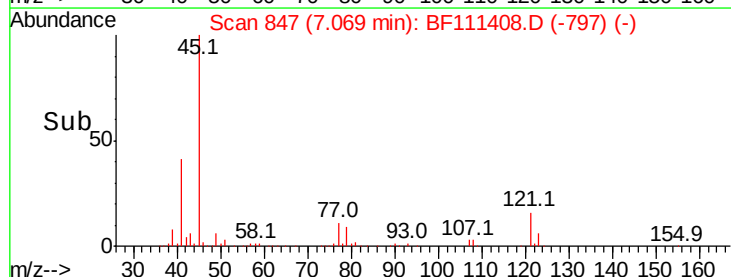
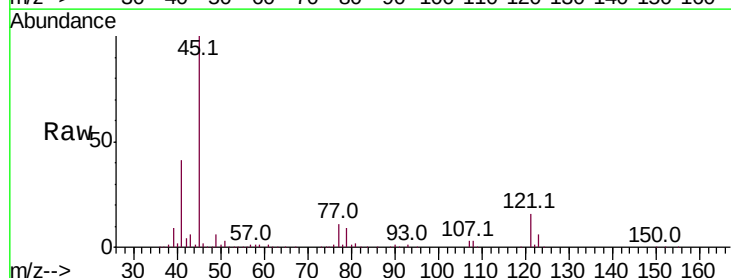
Tgt Ion: 45 Resp: 325273

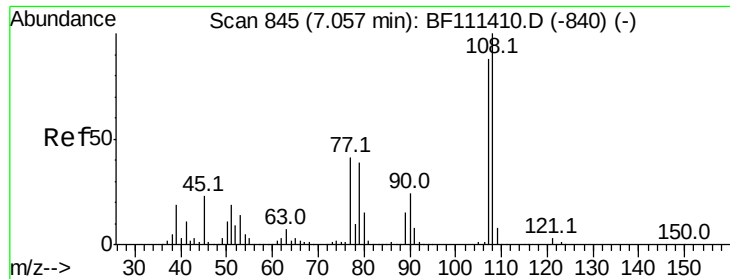
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.5

79 9.0 0.0 28.9





#17

2-Methylphenol

Concen: 10.256 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 135735

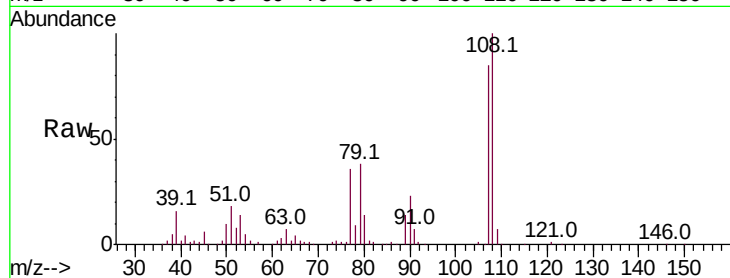
Ion Ratio Lower Upper

107 100

108 117.6 91.0 136.4

77 42.8 33.5 50.3

79 44.1 33.3 49.9

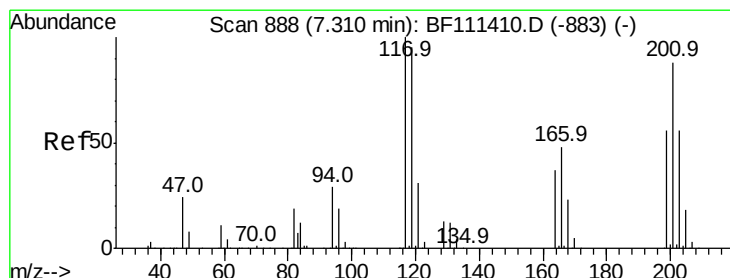
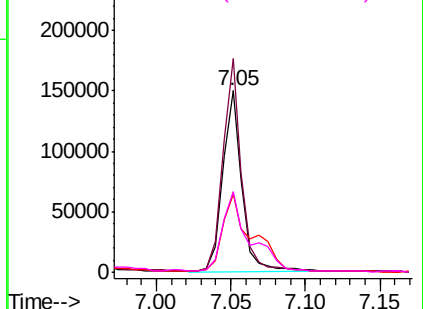
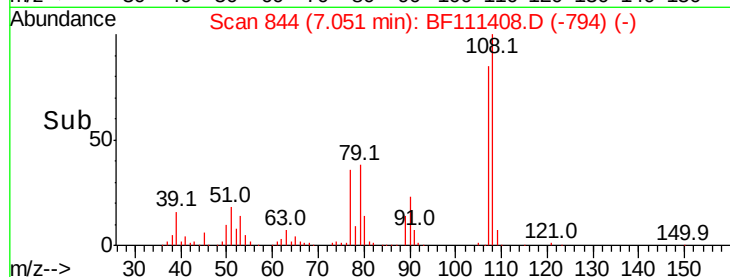


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.408 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

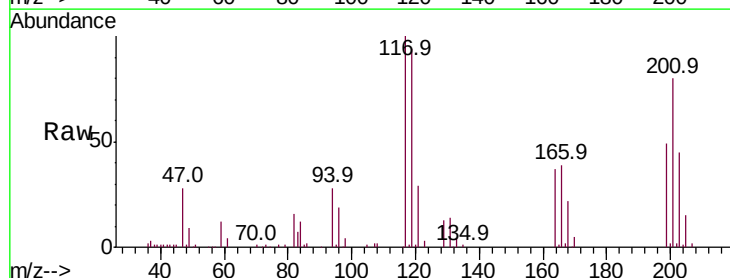
Tgt Ion:117 Resp: 69356

Ion Ratio Lower Upper

117 100

119 94.4 75.4 113.0

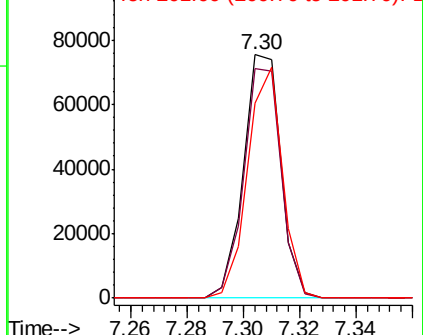
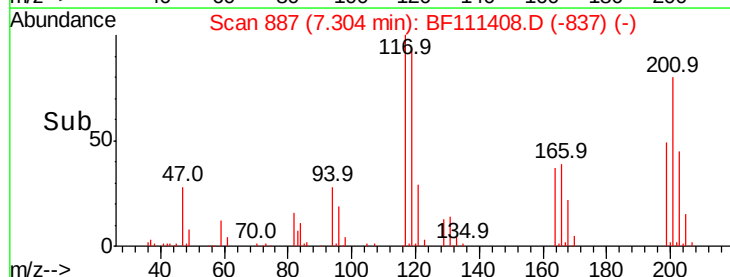
201 80.1 62.4 93.6

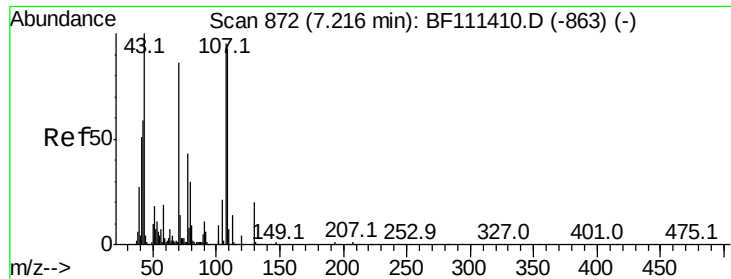


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

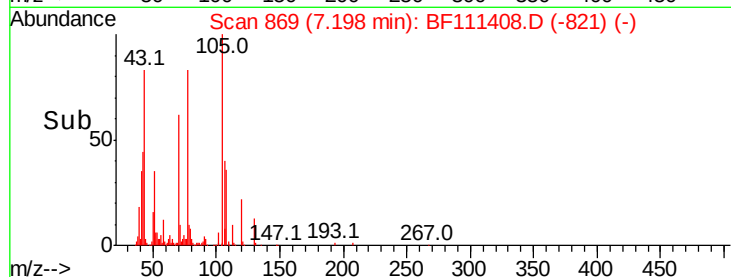
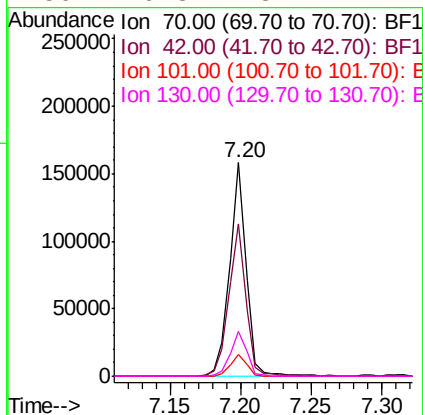
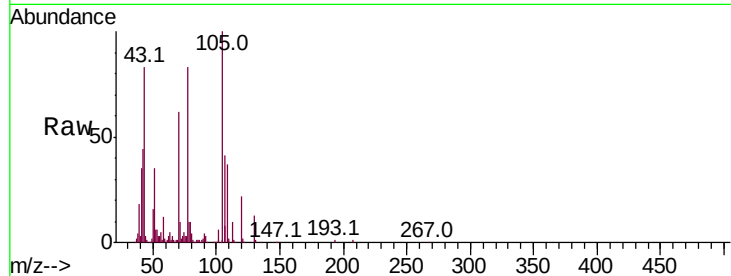




#19
n-Nitroso-di-n-propylamine
Concen: 10.799 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

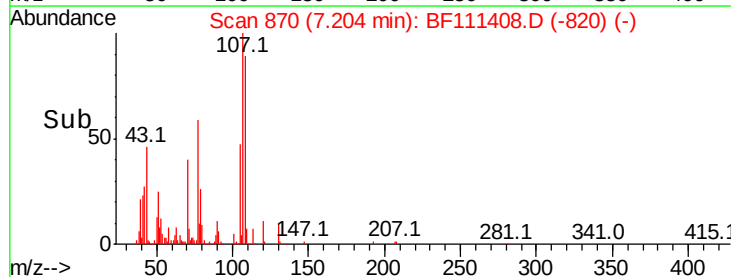
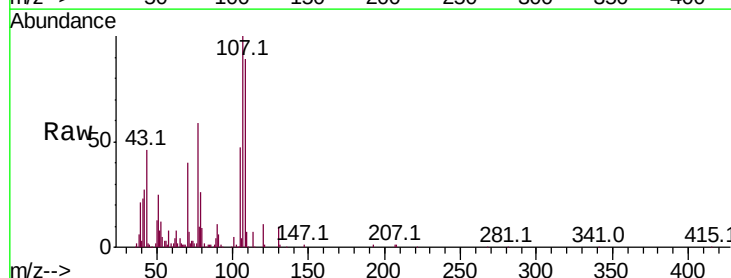
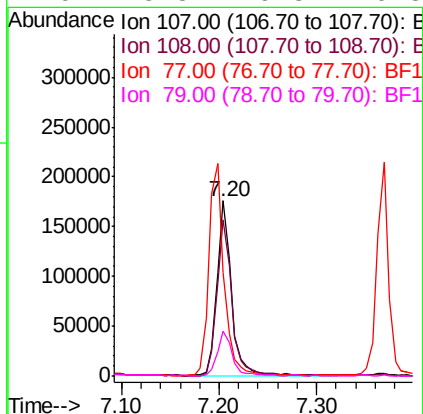
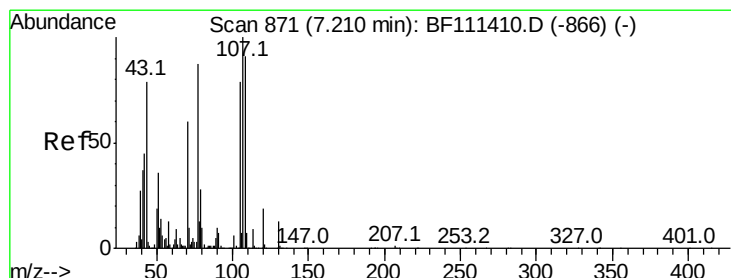
Instrument :
BNA_F
ClientSampled :

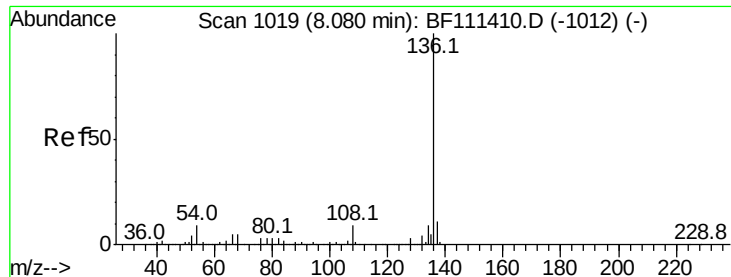
Tot Ion:	70	Resp:	128931
Ion	Ratio	Lower	Upper
70	100		
42	71.5	53.2	79.8
101	10.3	8.2	12.4
130	20.8	18.1	27.1



#20
3+4-Methylphenols
Concen: 11.538 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion:	107	Resp:	182102
Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.1	112.1
77	59.1	94.1	134.1#
79	25.8	9.8	49.8

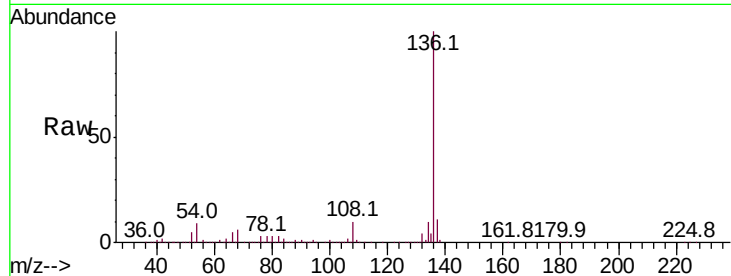




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1209775
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 9.5	7.7 11.5
68 6.1	4.9 7.3



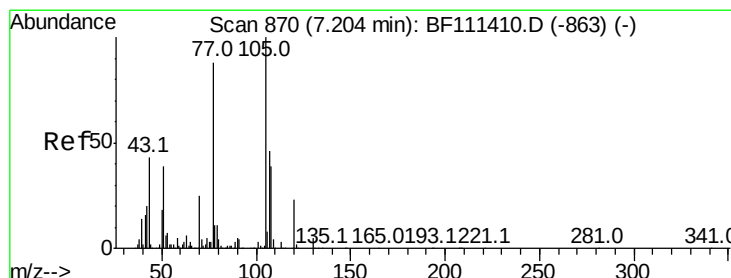
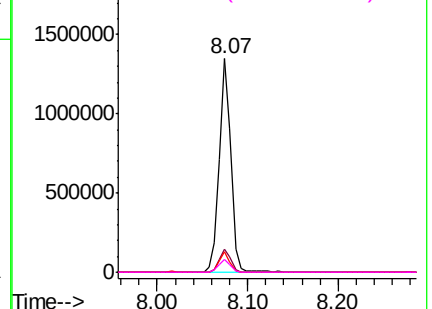
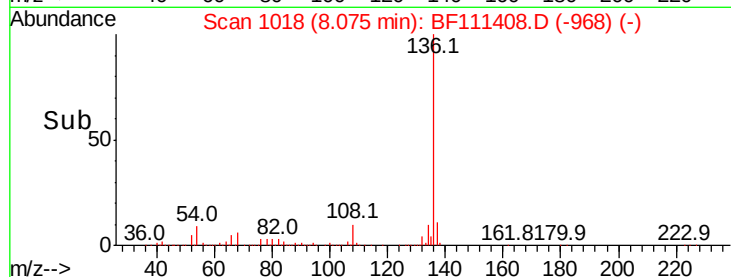
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

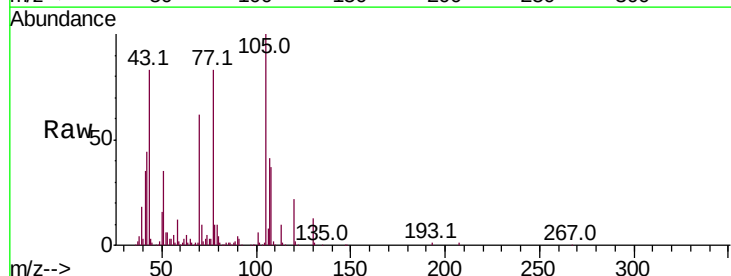
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 8.655 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt	Ion:105	Resp:	243224
Ion	Ratio	Lower	Upper
105	100		
71	10.0	3.1	4.7#
51	35.3	36.6	54.8#
120	22.1	18.2	27.4



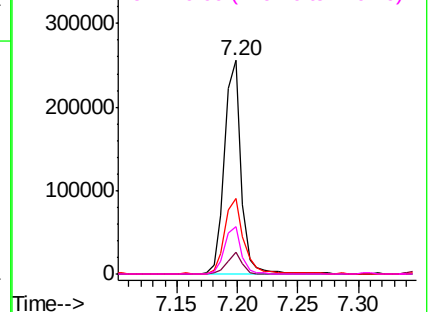
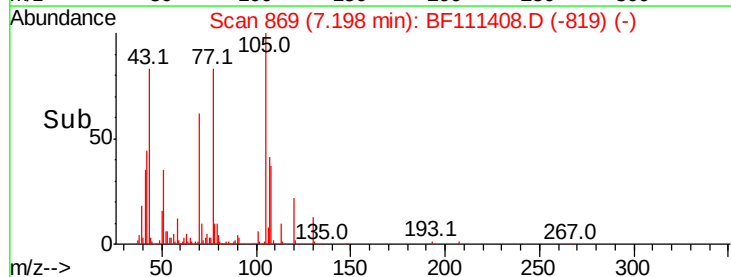
Abundance

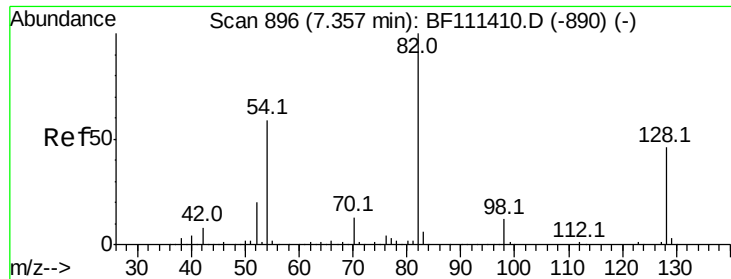
Ion 105.00 (104.70 to 105.70): E

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

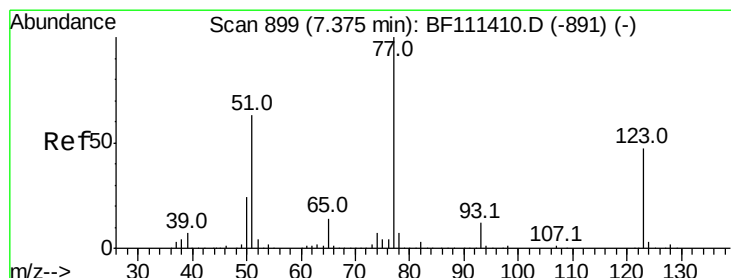
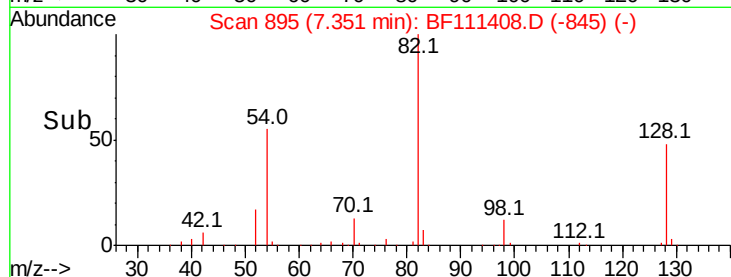
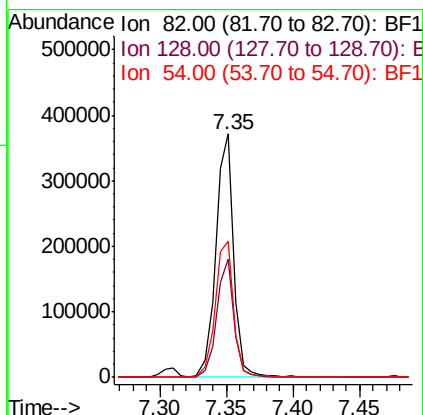
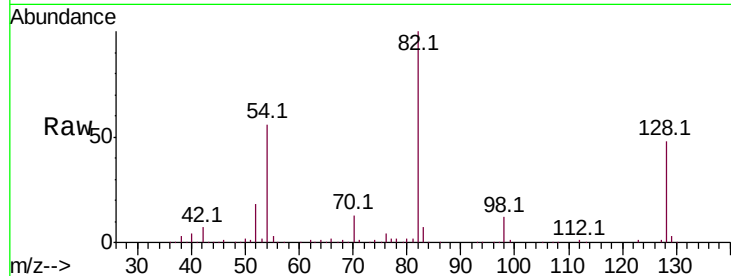




#23
 Nitrobenzene-d5
 Concen: 16.256 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

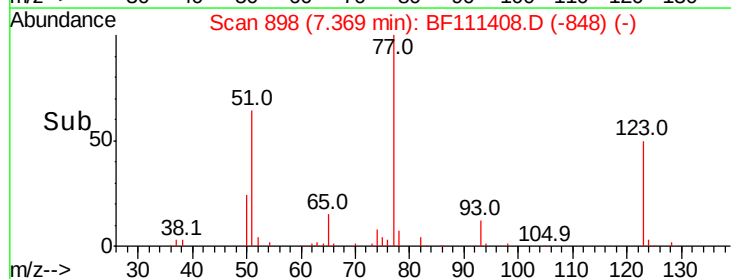
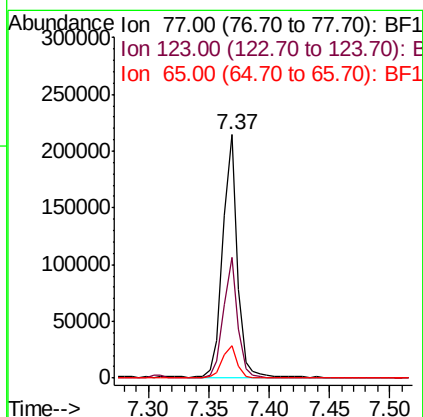
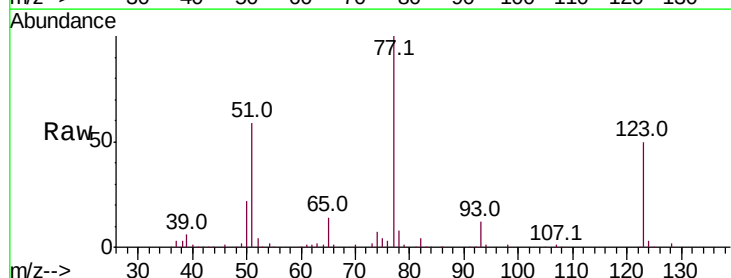
Instrument :
 BNA_F
 ClientSampled :

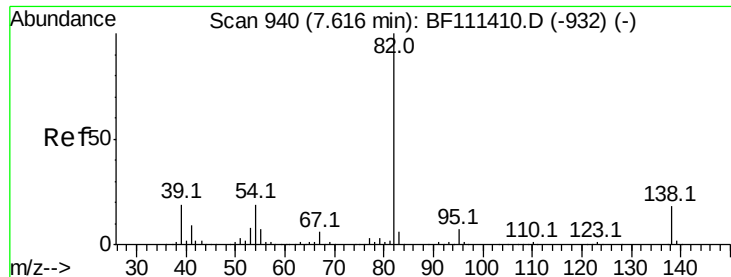
Tot Ion	82	Resp	348925
Ion Ratio	Lower	Upper	
82	100		
128	48.3	37.4	56.2
54	56.2	47.6	71.4



#24
 Nitrobenzene
 Concen: 8.054 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion	77	Resp	178072
Ion Ratio	Lower	Upper	
77	100		
123	49.8	37.2	55.8
65	13.6	11.5	17.3





#25

Isophorone

Concen: 7.945 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

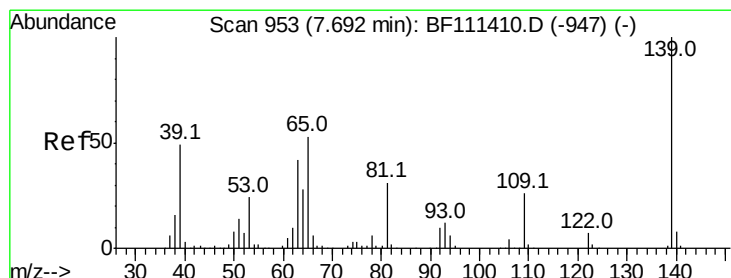
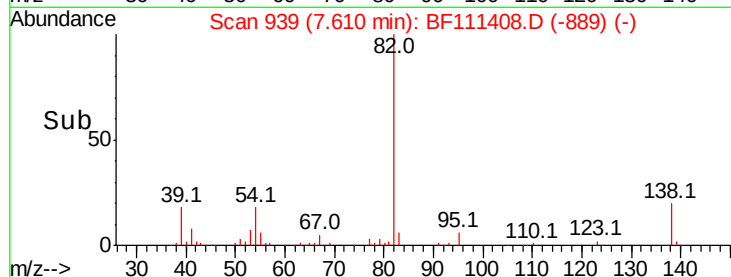
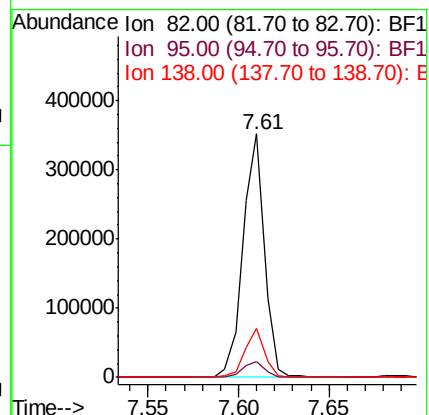
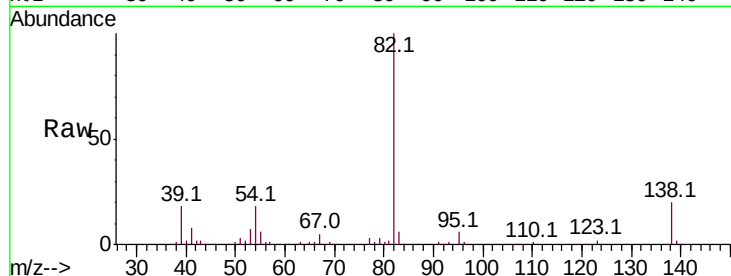
Tot Ion: 82 Resp: 289656

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.2

138 19.9 15.1 22.7



#26

2-Nitrophenol

Concen: 8.378 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

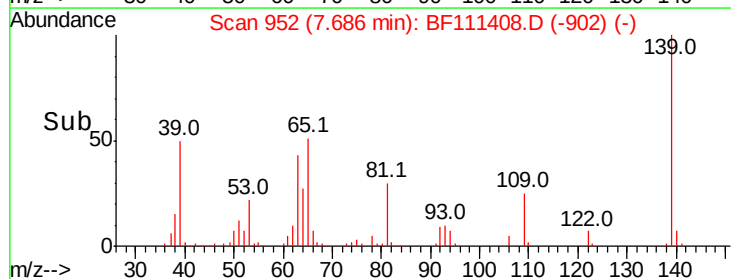
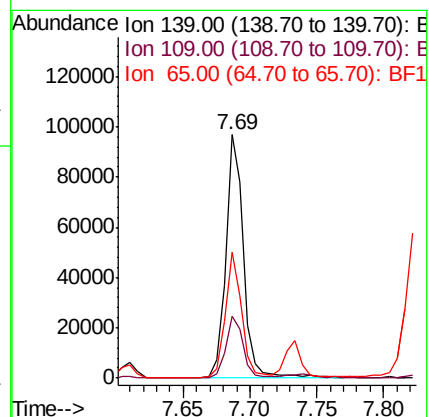
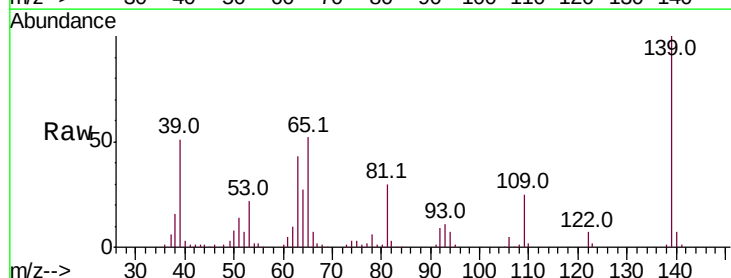
Tgt Ion: 139 Resp: 91044

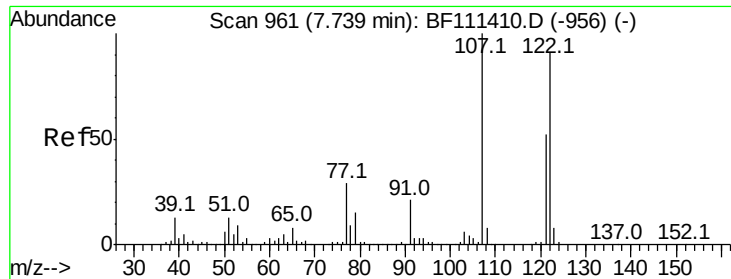
Ion Ratio Lower Upper

139 100

109 25.2 20.2 30.4

65 51.6 40.7 61.1

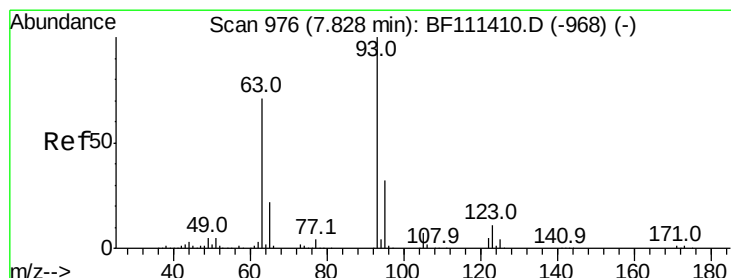
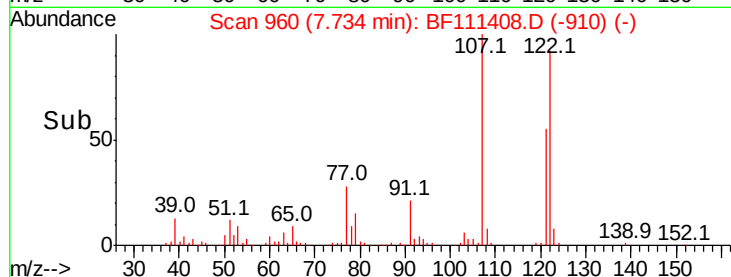
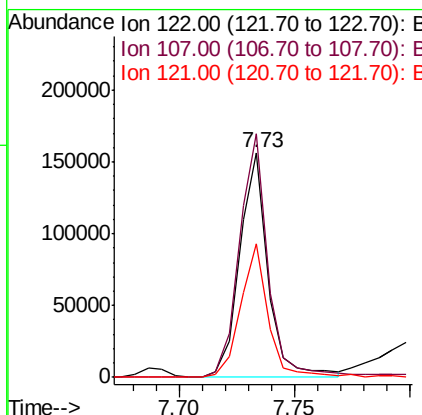
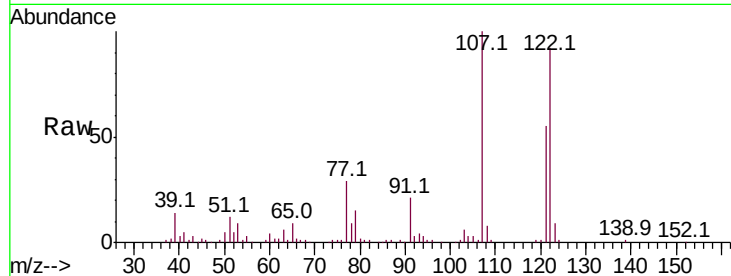




#27
2,4-Dimethylphenol
Concen: 8.133 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

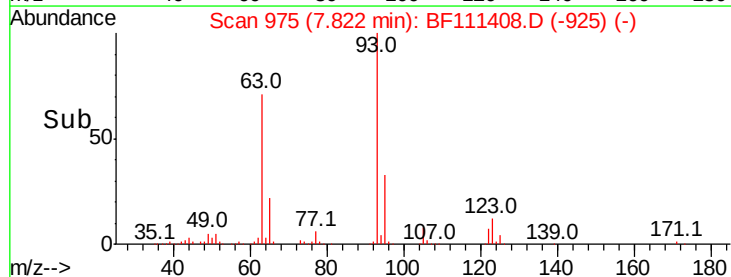
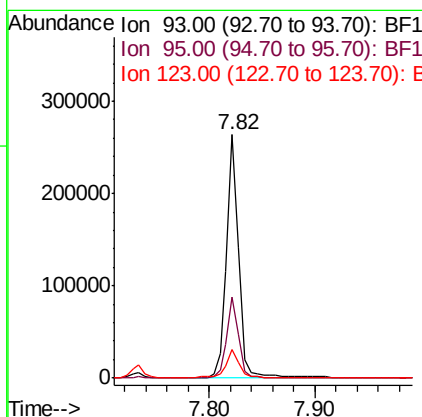
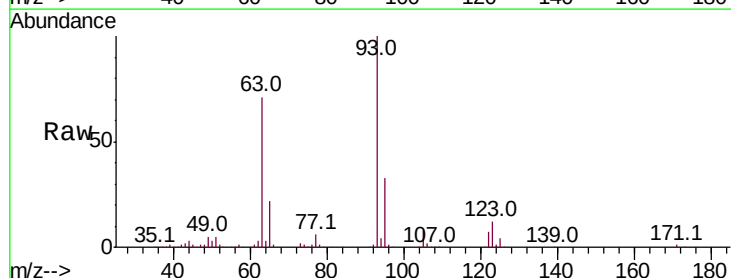
Instrument :
BNA_F
ClientSampled :

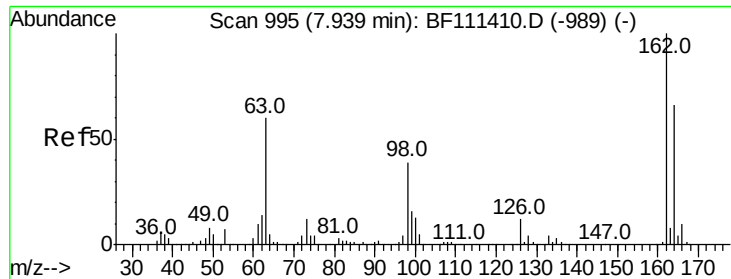
Tot Ion:122 Resp: 134169
Ion Ratio Lower Upper
122 100
107 108.5 85.5 128.3
121 59.6 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 8.636 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion: 93 Resp: 216126
Ion Ratio Lower Upper
93 100
95 33.2 27.1 40.7
123 11.8 9.9 14.9

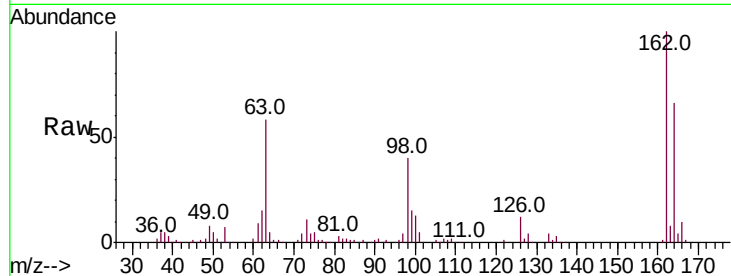




#29
 2,4-Dichlorophenol
 Concen: 10.367 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.4	84.4
98	39.5	20.3	60.3

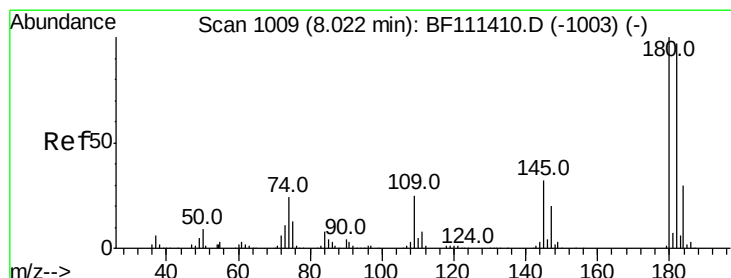
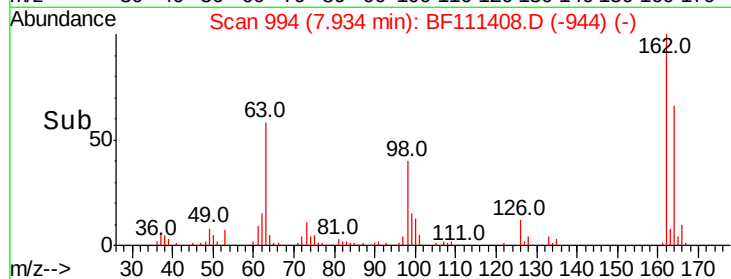
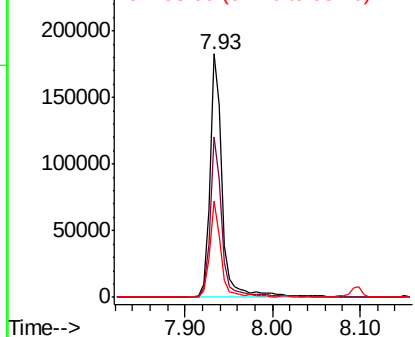


Abundance

Ion 162.00 (161.70 to 162.70): E

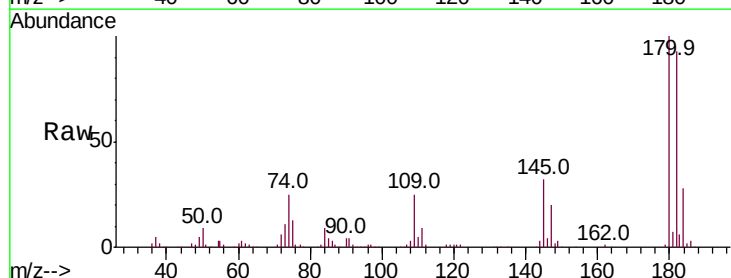
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 10.441 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.6	113.4
145	32.1	26.7	40.1

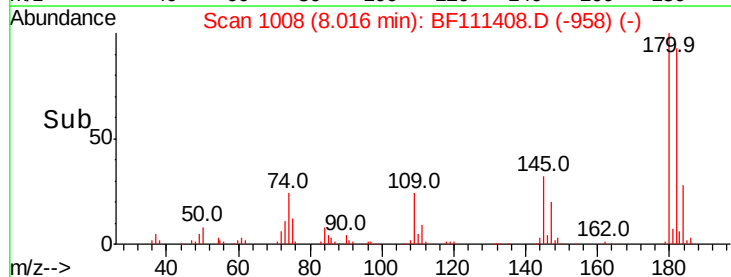
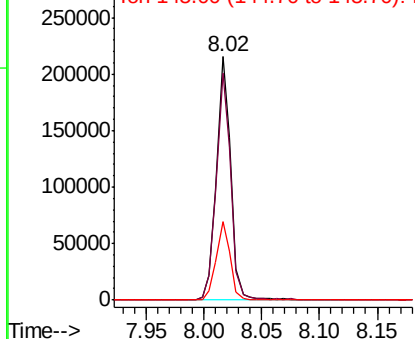


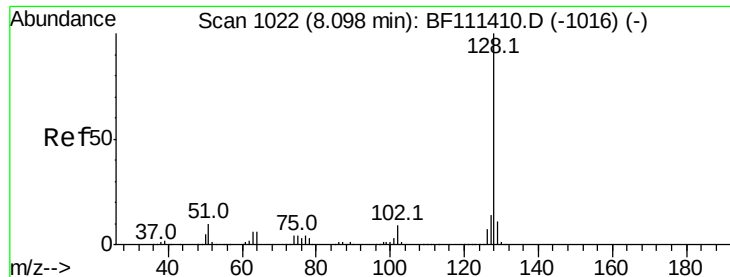
Abundance

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

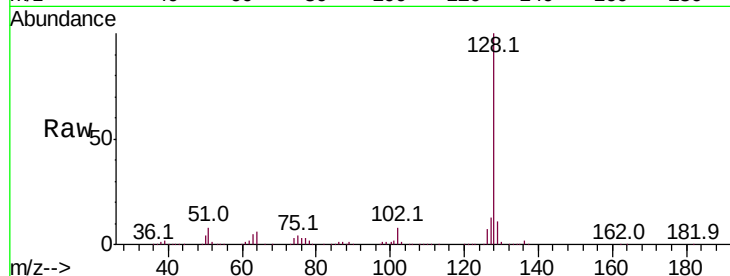




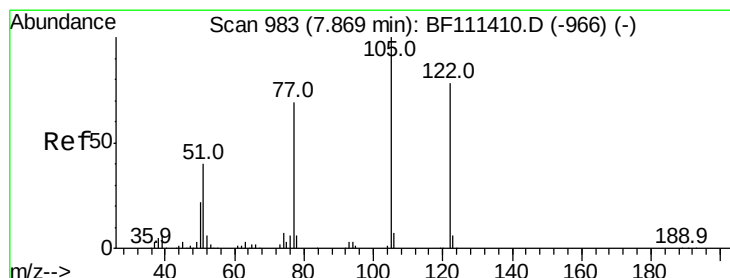
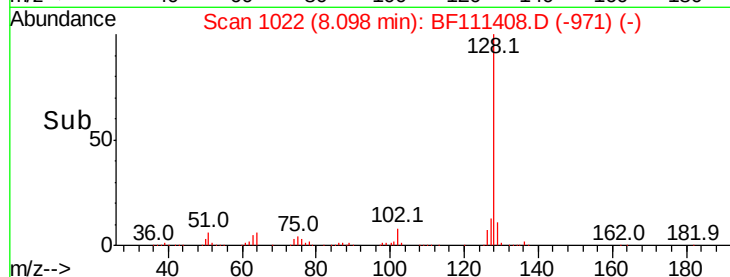
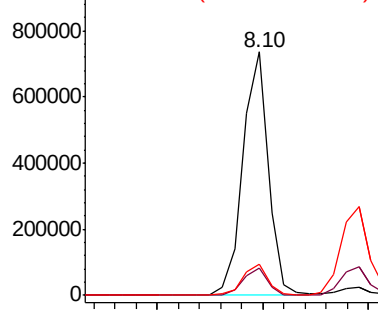
#31
Naphthalene
Concen: 10.967 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.8
127	12.6	12.0	18.0

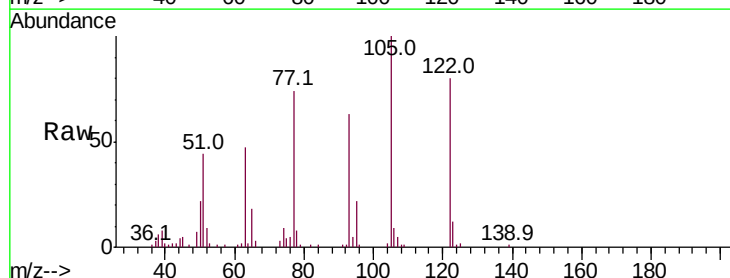


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

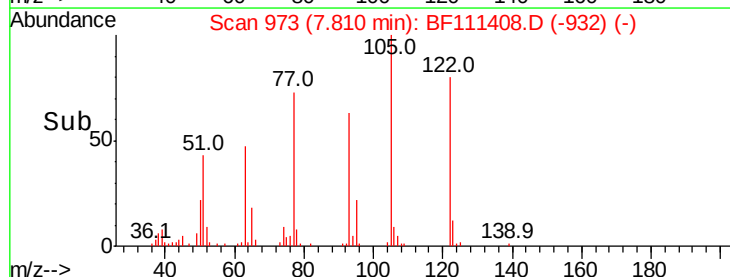
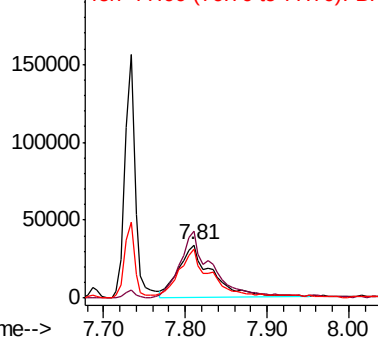


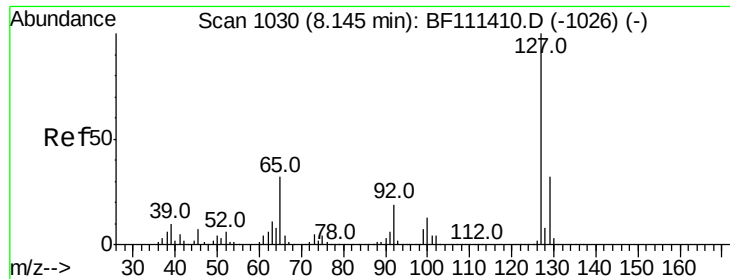
#32
Benzoic acid
Concen: 6.898 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.06 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	97.0	137.0
77	92.0	65.7	105.7



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

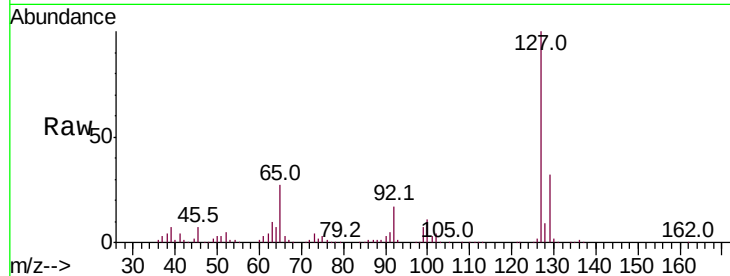




#33
4-Chloroaniline
Concen: 11.247 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	270724
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	26.6	25.7	38.5
92	17.4	15.4	23.2



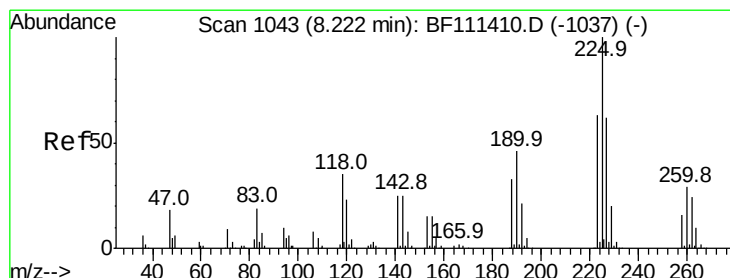
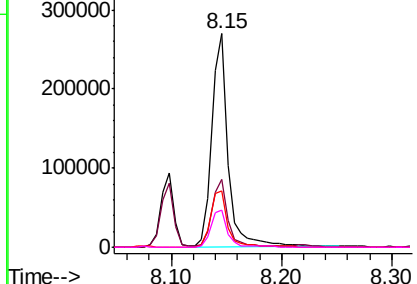
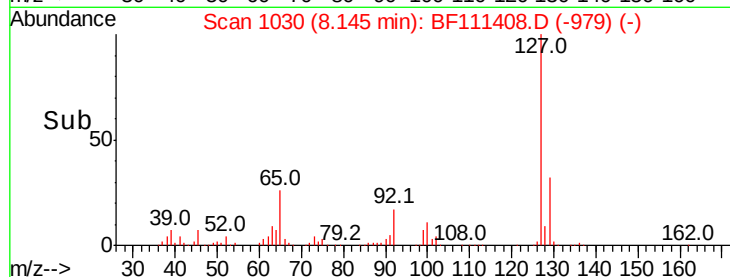
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

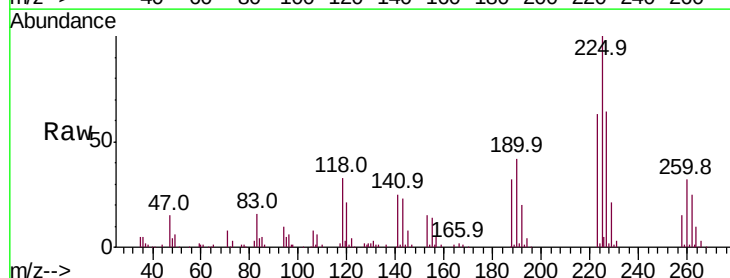
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 10.104 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion:	225	Resp:	99105
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	63.9	52.6	78.8

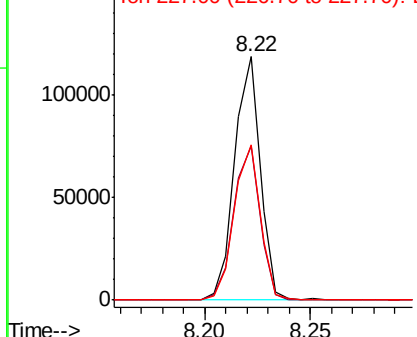
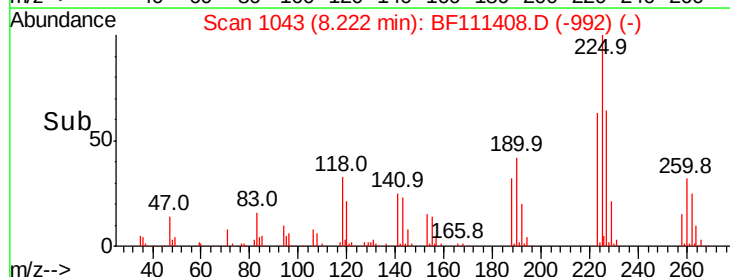


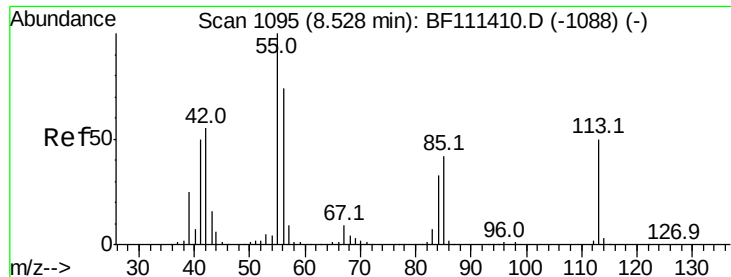
Abundance

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: 10.619 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.05 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

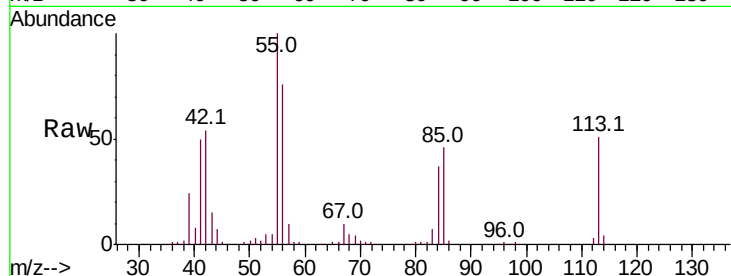
Tot Ion:113 Resp: 64029

Ion Ratio Lower Upper

113 100

55 194.4 184.1 224.1

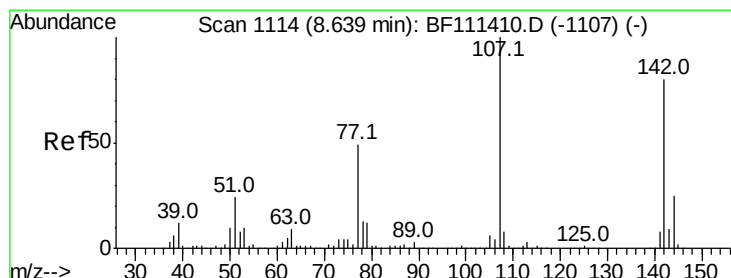
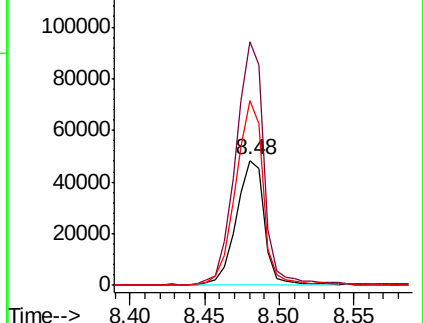
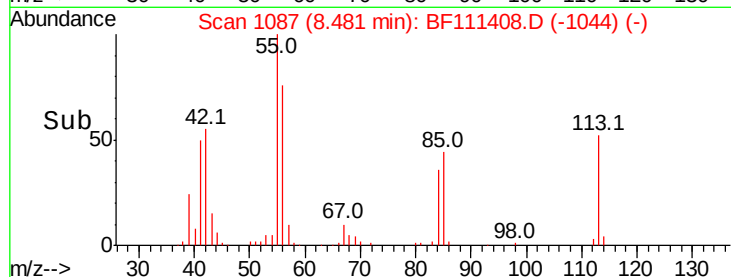
56 147.5 126.0 166.0



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: 10.522 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

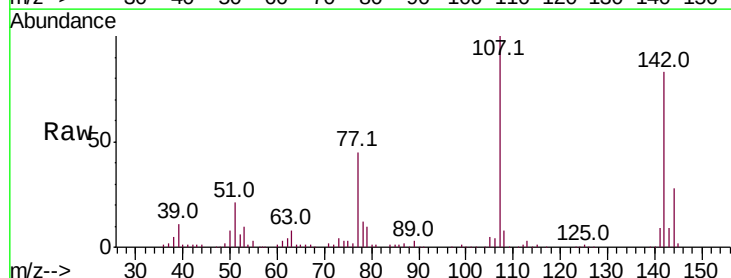
Tgt Ion:107 Resp: 192944

Ion Ratio Lower Upper

107 100

144 28.1 19.8 29.6

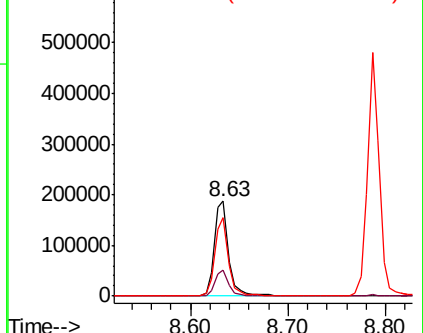
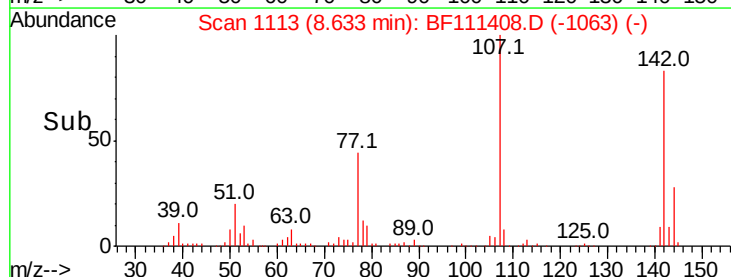
142 83.5 62.3 93.5

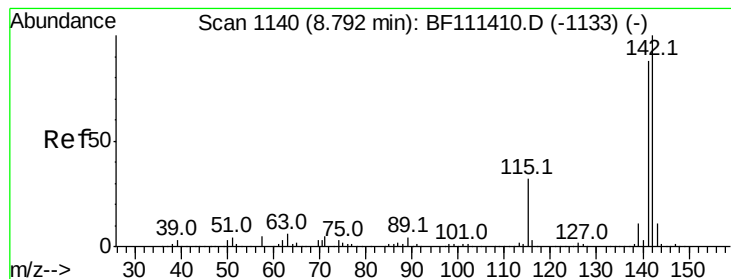


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 11.029 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

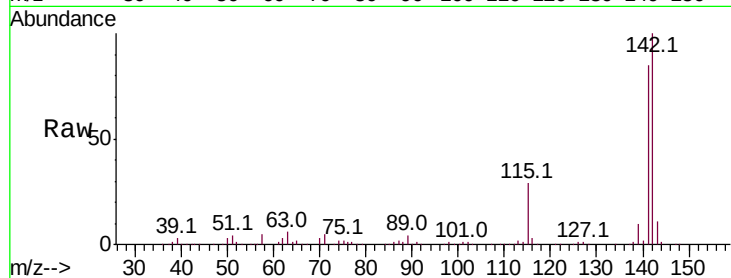
Tot Ion:142 Resp: 401860

Ion Ratio Lower Upper

142 100

141 85.3 70.6 105.8

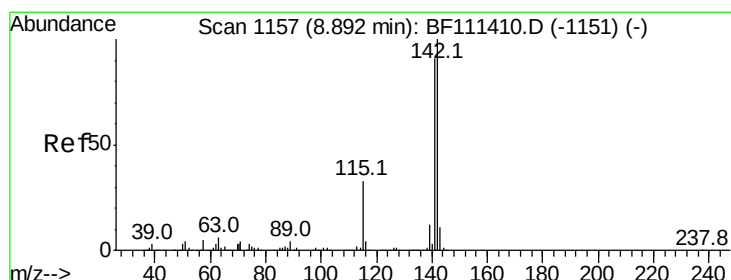
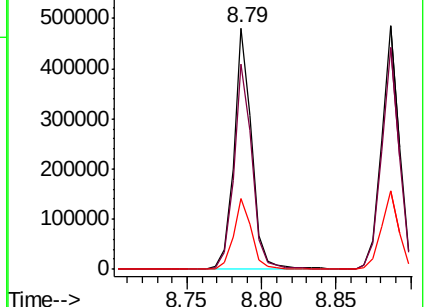
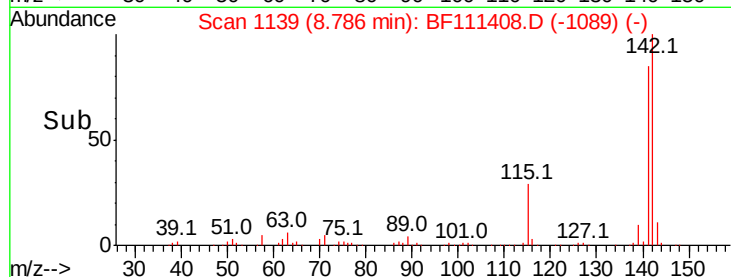
115 29.4 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 11.039 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

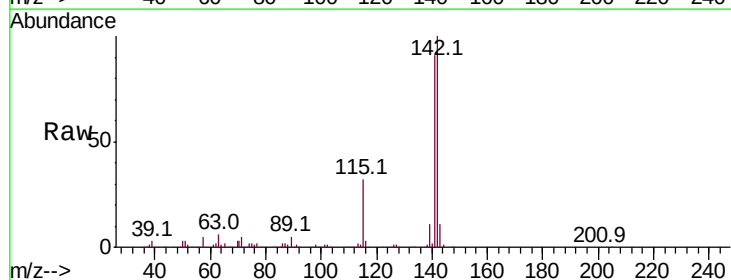
Tgt Ion:142 Resp: 388194

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4

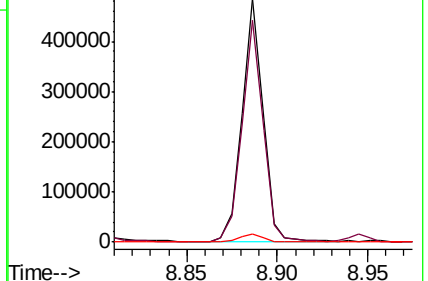
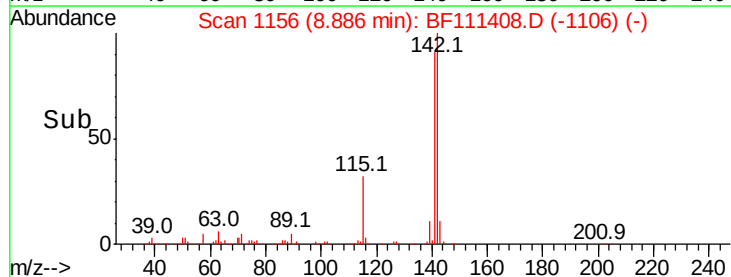
116 3.4 2.9 4.3

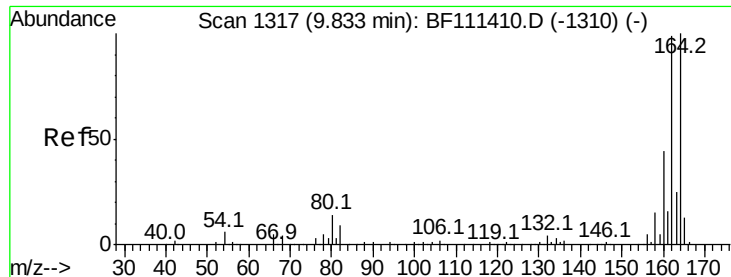


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

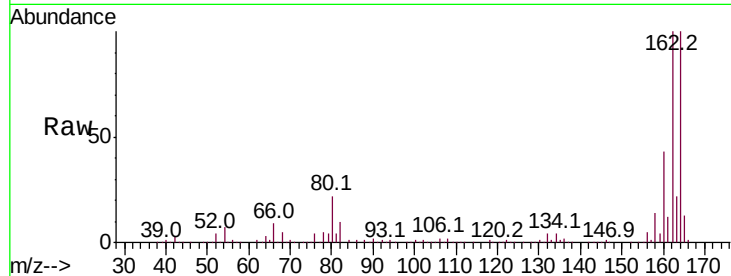




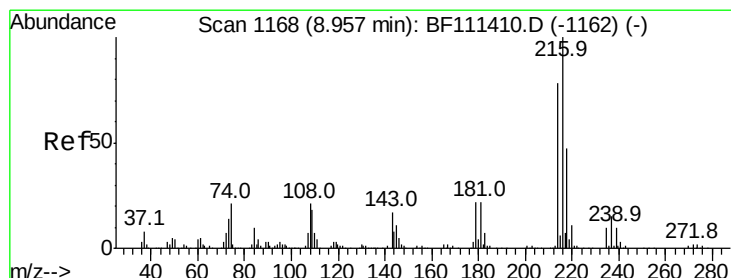
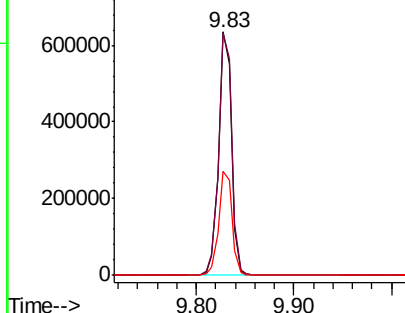
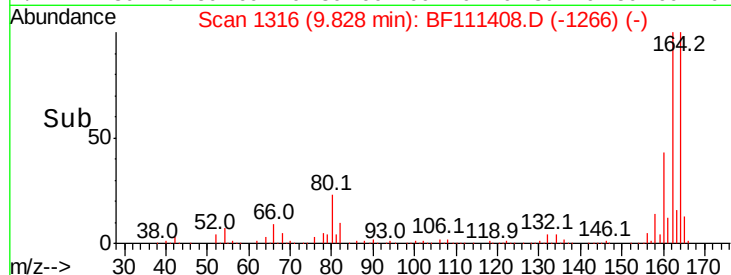
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 582140
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 42.9 35.7 53.5

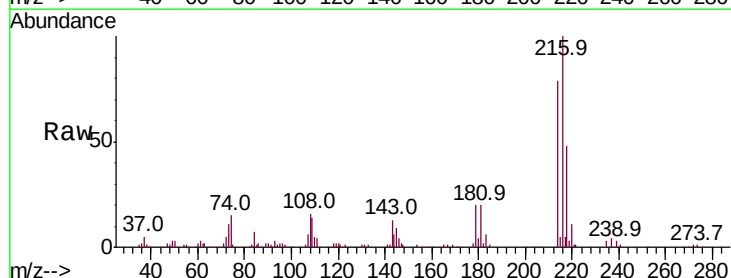


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

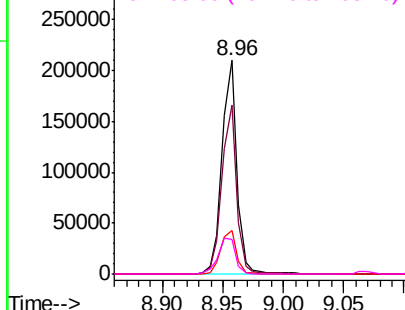
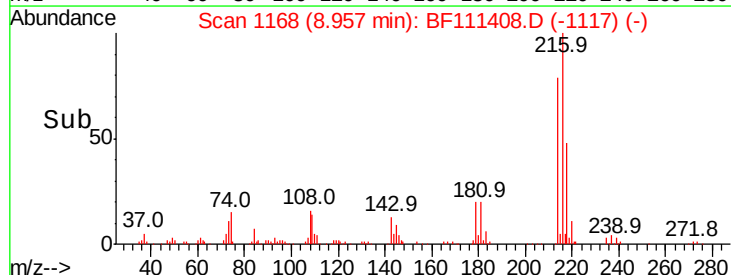


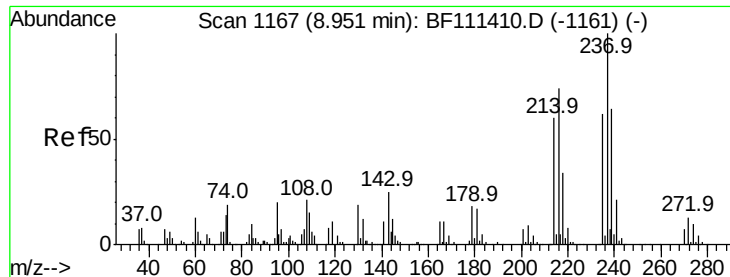
#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.887 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion:216 Resp: 178152
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.8
179 21.5 17.9 26.9
108 19.9 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: 9.527 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

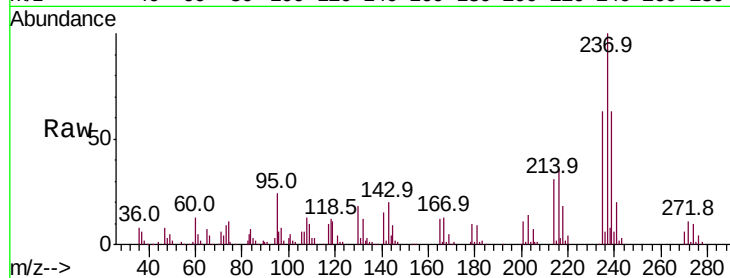
Tot Ion:237 Resp: 81403

Ion Ratio Lower Upper

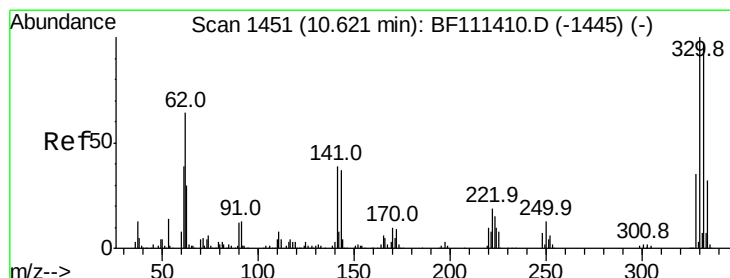
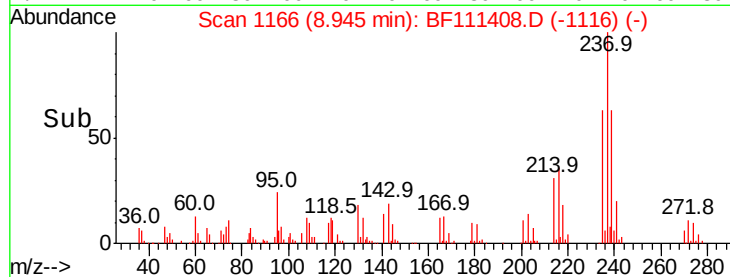
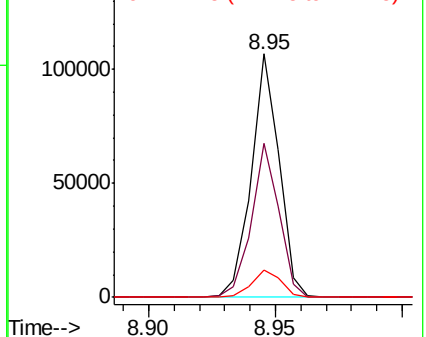
237 100

235 63.2 43.1 83.1

272 11.1 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: 22.659 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

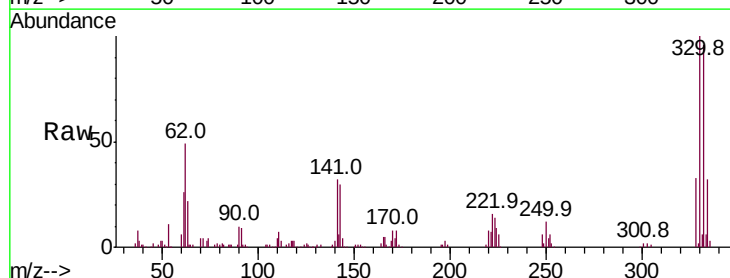
Tgt Ion:330 Resp: 116278

Ion Ratio Lower Upper

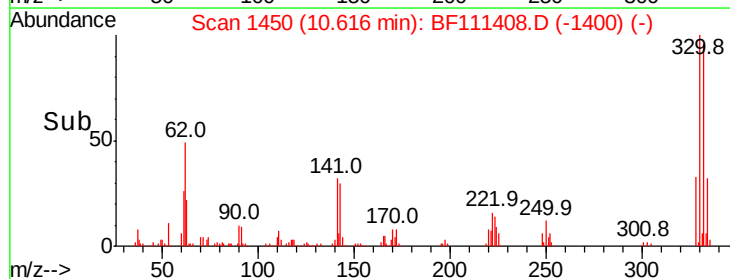
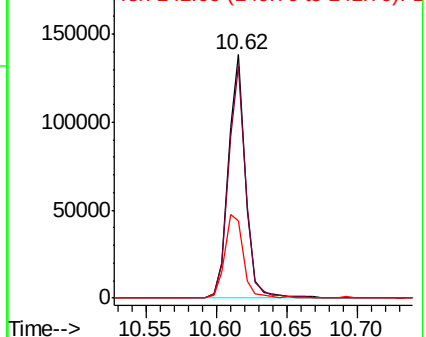
330 100

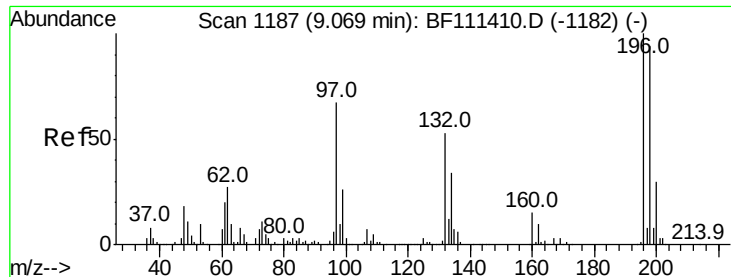
332 96.2 76.0 114.0

141 37.6 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

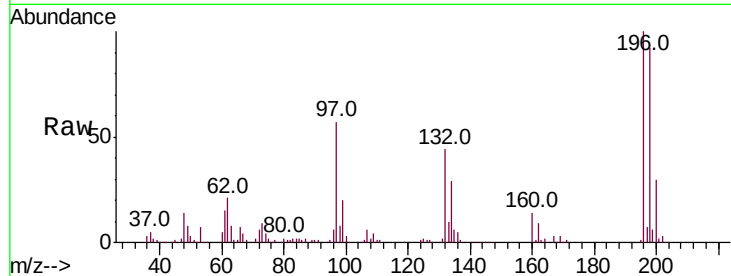




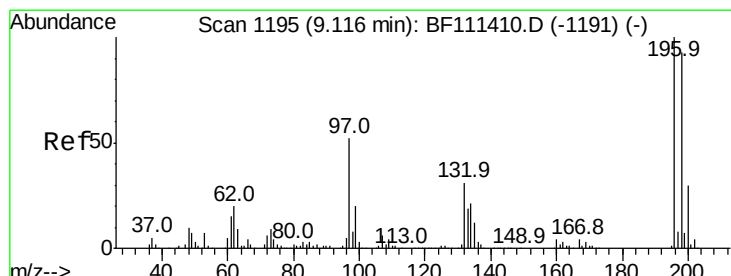
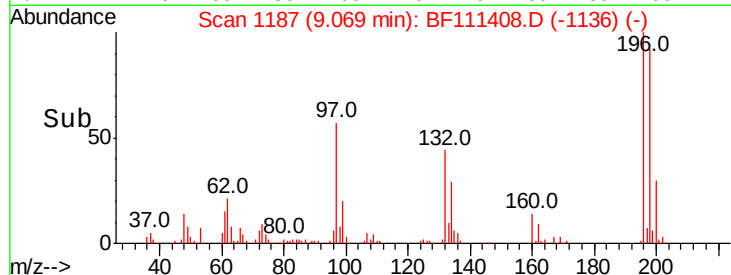
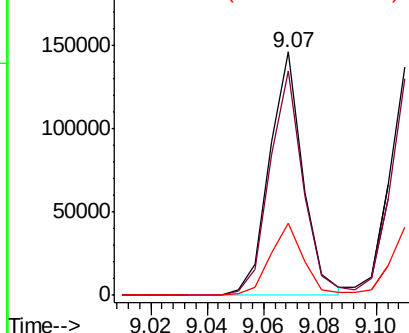
#43
 2,4,6-Trichlorophenol
 Concen: 10.236 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 119888
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.3 114.5
 200 29.7 24.9 37.3

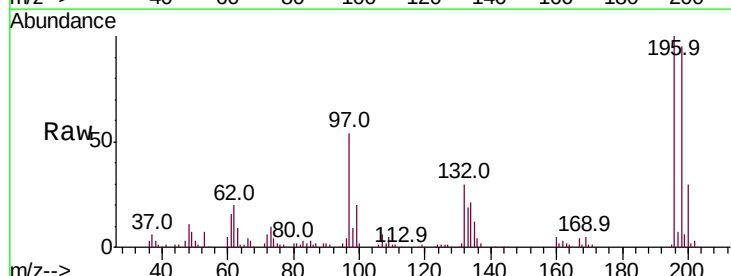


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

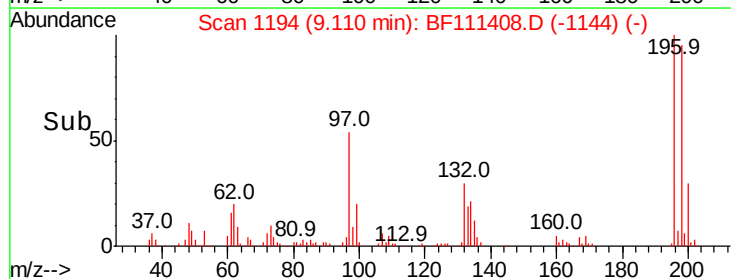
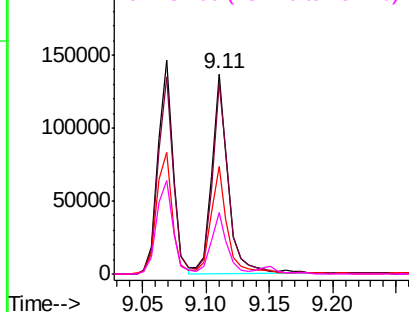


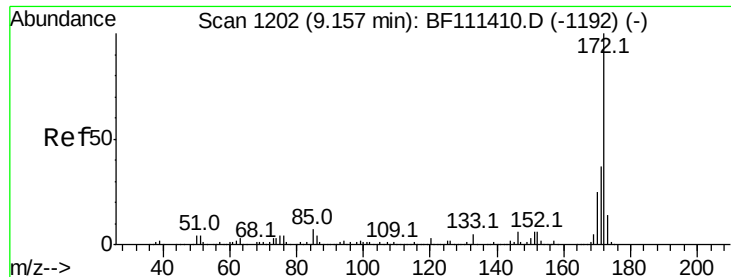
#44
 2,4,5-Trichlorophenol
 Concen: 10.254 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion:196 Resp: 126926
 Ion Ratio Lower Upper
 196 100
 198 95.3 72.9 109.3
 97 53.6 45.3 67.9
 132 30.5 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

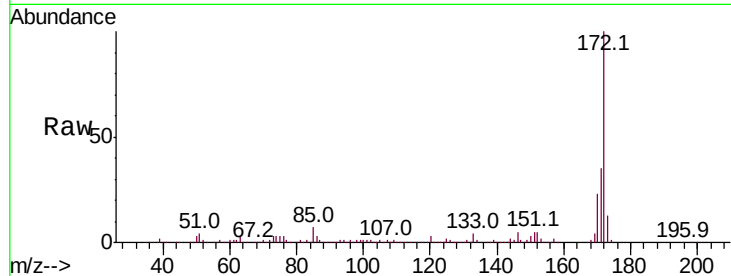




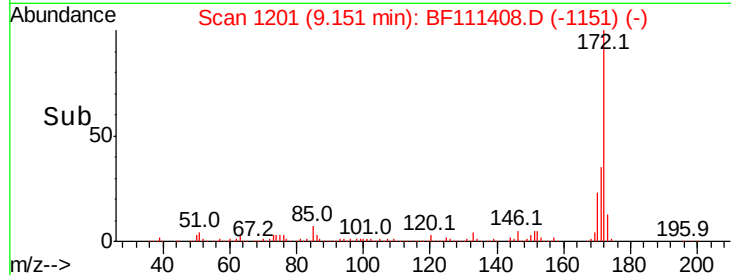
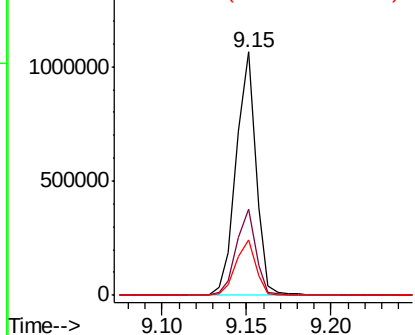
#45
 2-Fluorobiphenyl
 Concen: 24.085 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	22.9	22.3	33.5

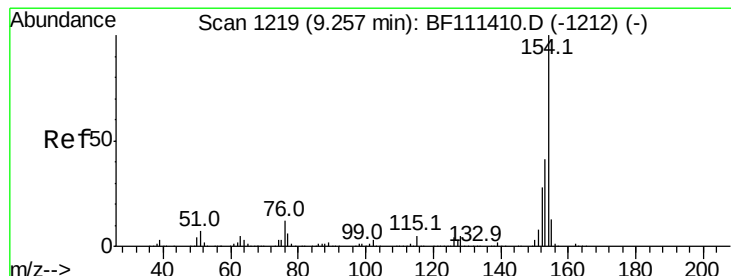


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

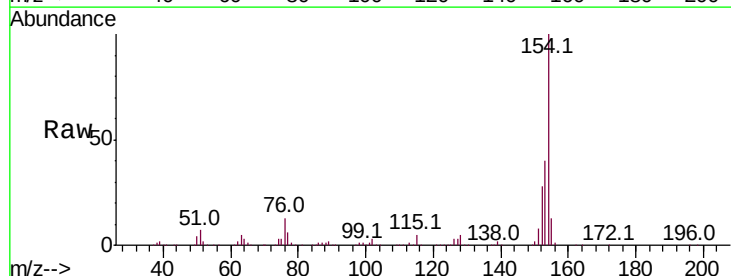
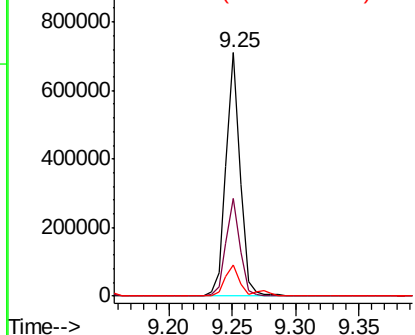


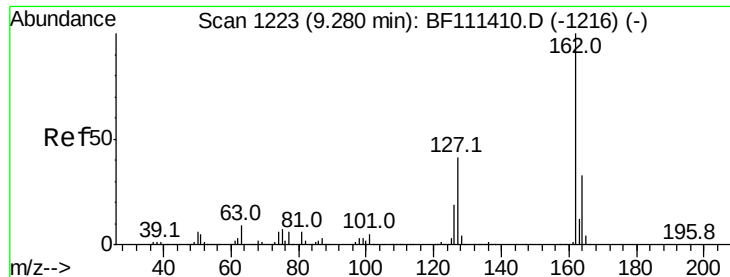
#46
 1,1'-Biphenyl
 Concen: 11.222 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	23.7	63.7
76	12.8	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

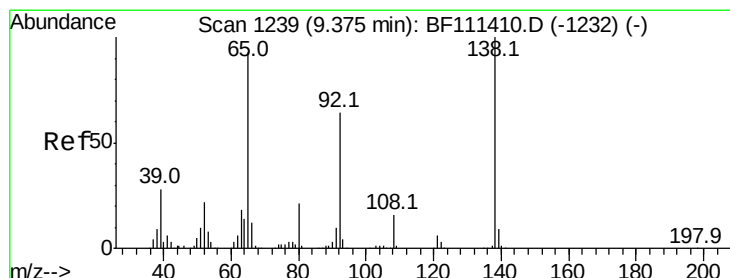
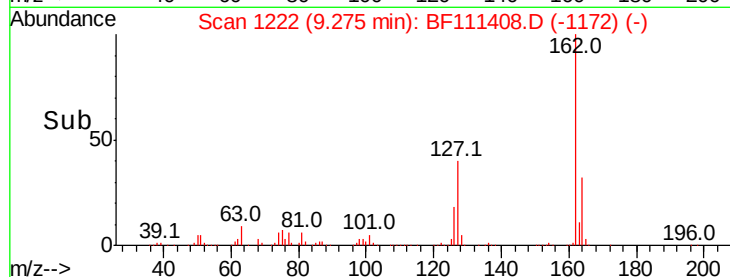
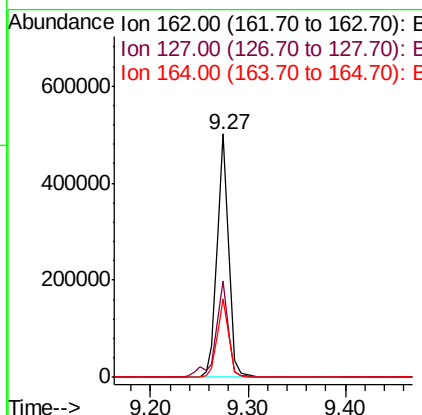
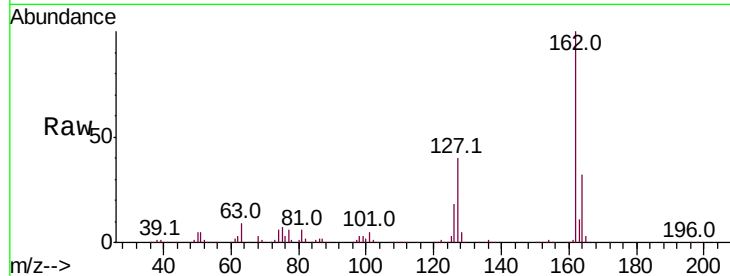




#47
2-Chloronaphthalene
Concen: 10.938 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

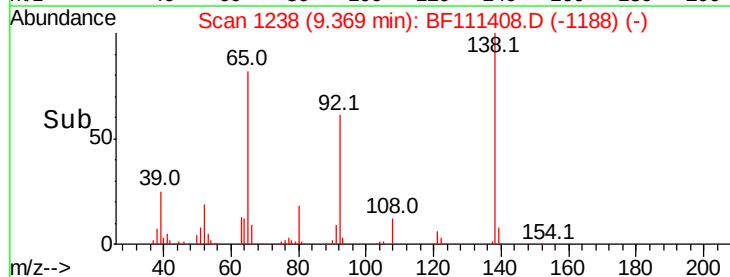
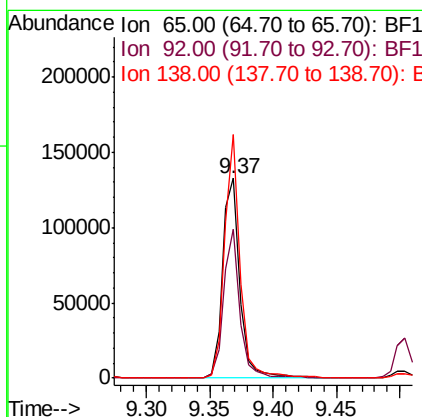
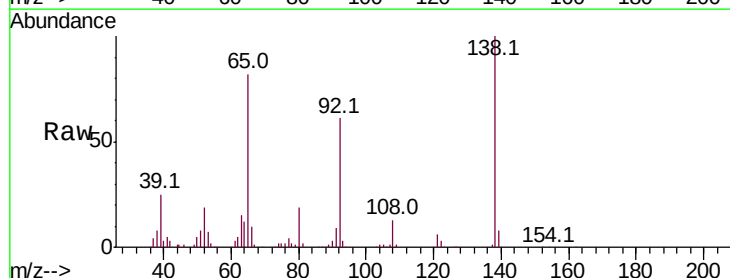
Instrument :
BNA_F
ClientSampleId :

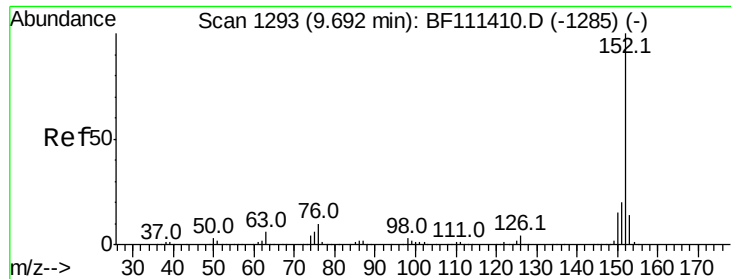
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	35.0	52.4
164	32.3	28.4	42.6



#48
2-Nitroaniline
Concen: 10.330 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	53.5	80.3
138	121.8	80.9	121.3#





#49

Acenaphthylene

Concen: 11.104 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampled :

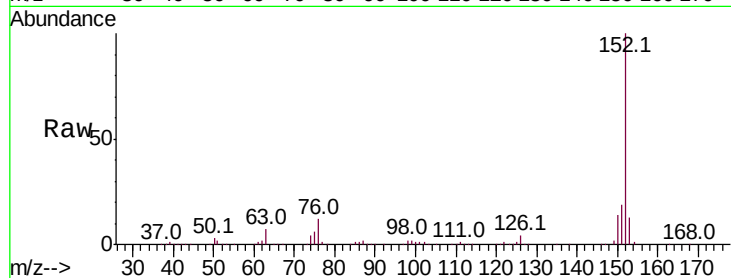
Tot Ion:152 Resp: 617106

Ion Ratio Lower Upper

152 100

151 19.2 18.0 27.0

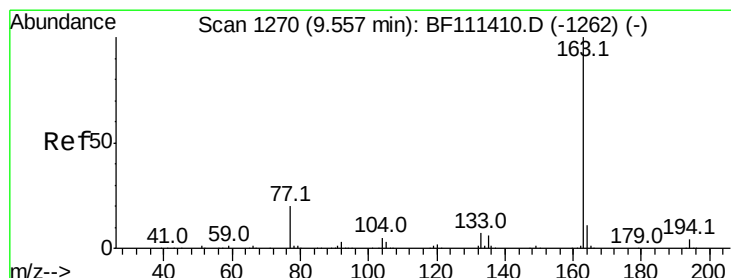
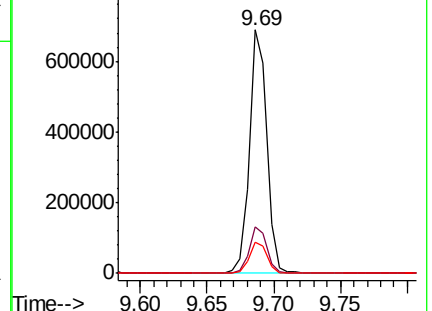
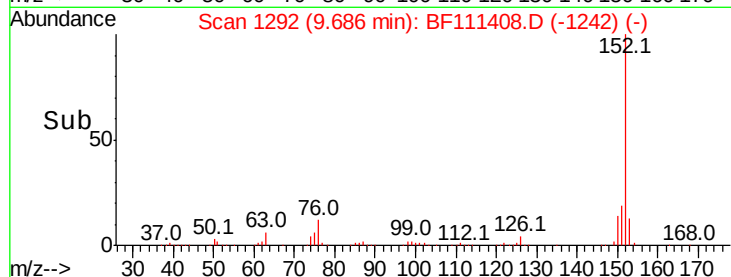
153 12.6 12.3 18.5



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: 10.850 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

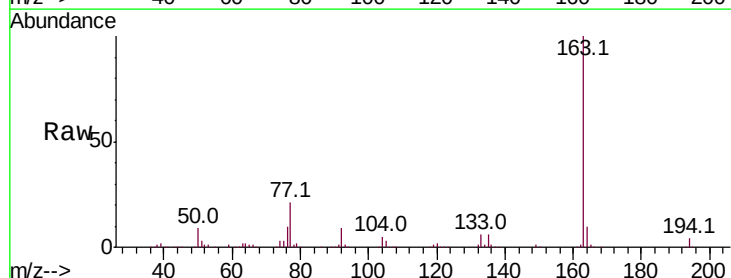
Tgt Ion:163 Resp: 454212

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

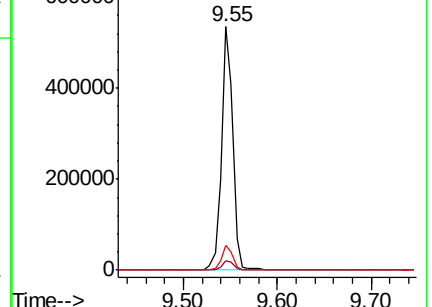
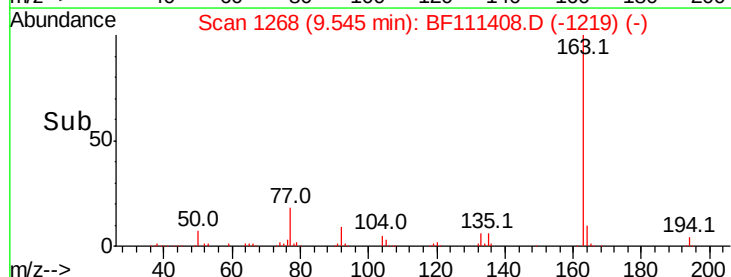
164 10.2 8.9 13.3

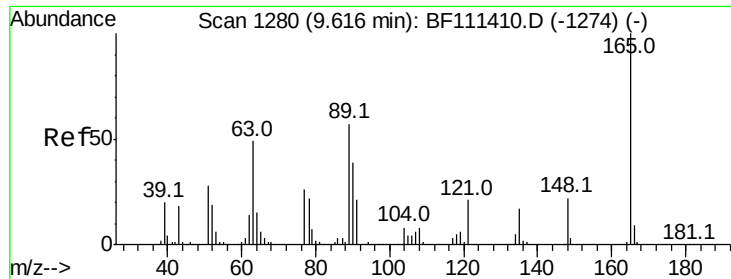


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

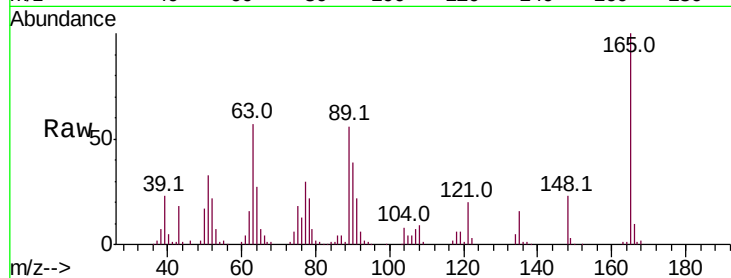




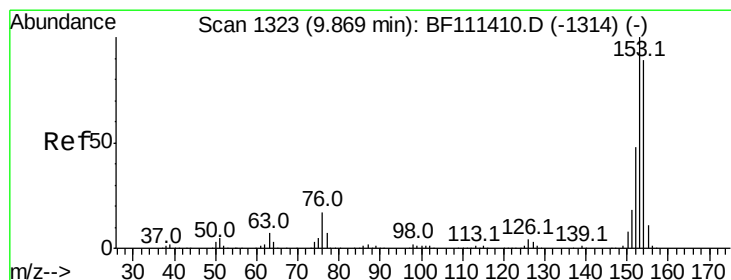
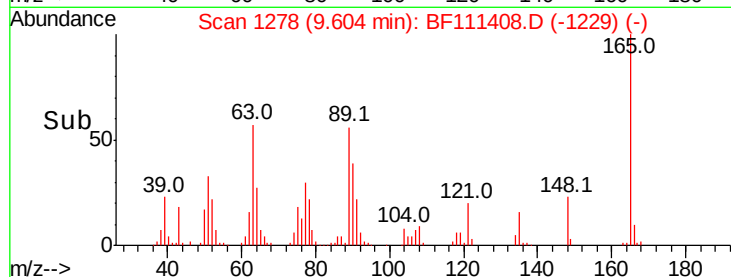
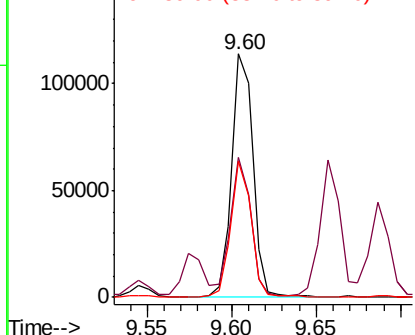
#51
2,6-Dinitrotoluene
Concen: 10.790 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 100121
Ion Ratio Lower Upper
165 100
63 57.3 40.5 60.7
89 55.8 40.0 60.0

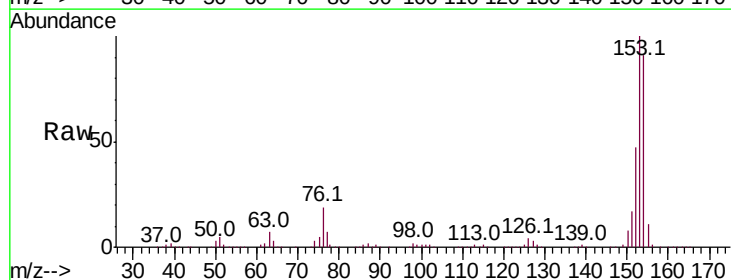


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

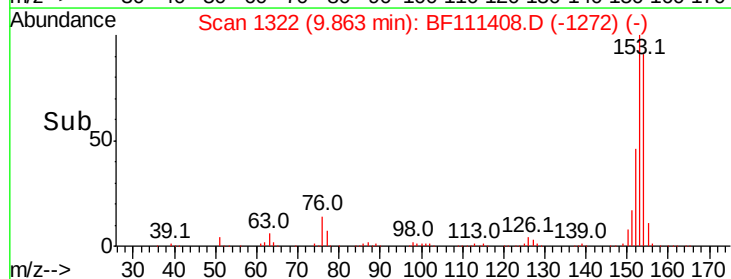
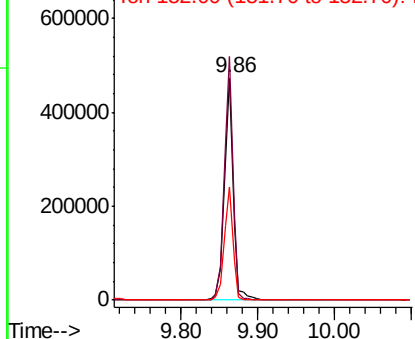


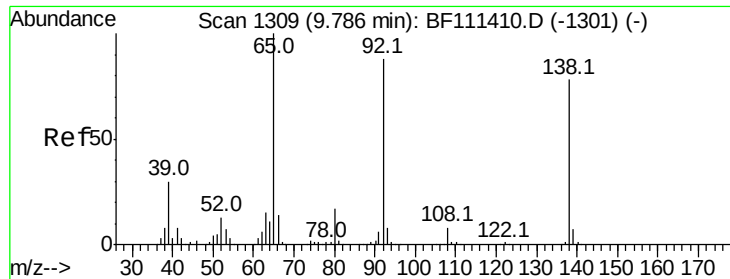
#52
Acenaphthene
Concen: 10.979 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion:154 Resp: 384853
Ion Ratio Lower Upper
154 100
153 109.7 87.8 131.8
152 51.2 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

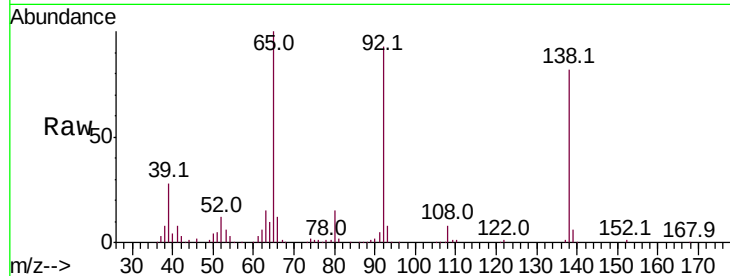




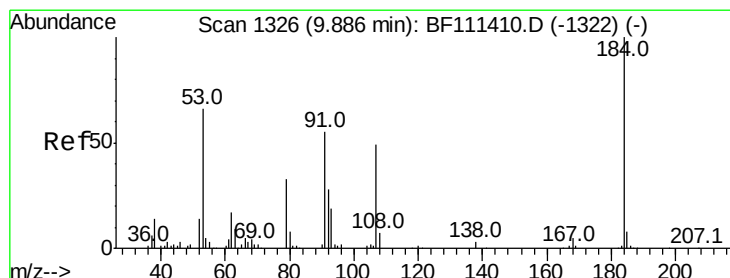
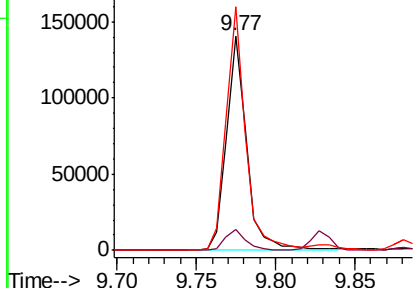
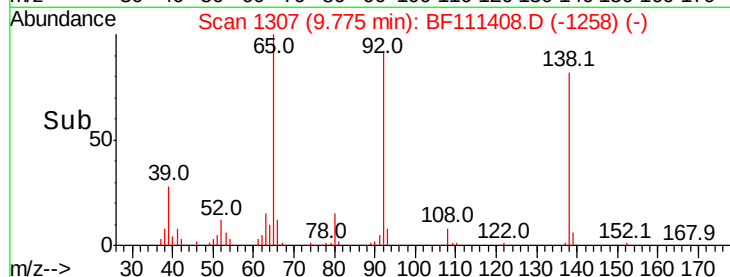
#53
3-Nitroaniline
Concen: 11.179 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 124684
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.4
92 113.6 93.4 140.2

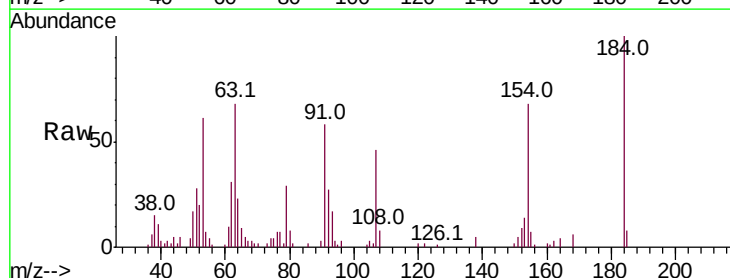


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

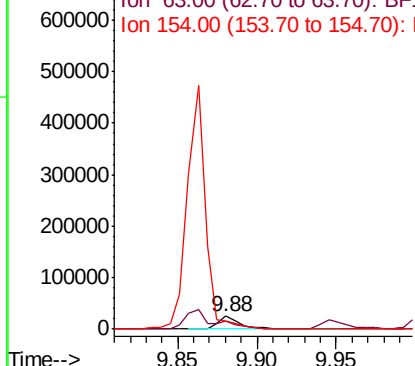
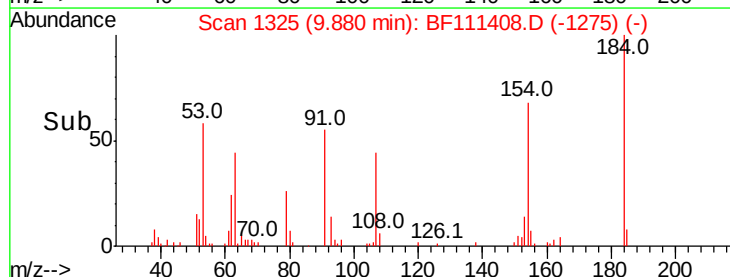


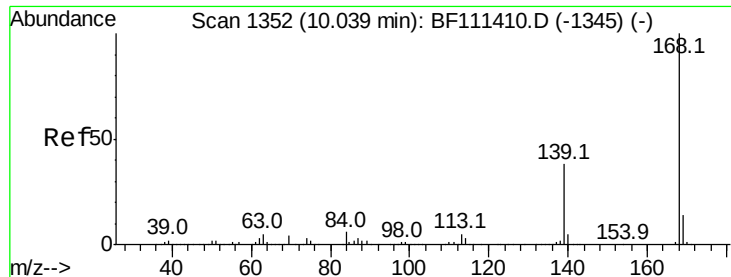
#54
2,4-Dinitrophenol
Concen: 7.059 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion:184 Resp: 25699
Ion Ratio Lower Upper
184 100
63 67.5 62.3 93.5
154 68.3 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: 11.316 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

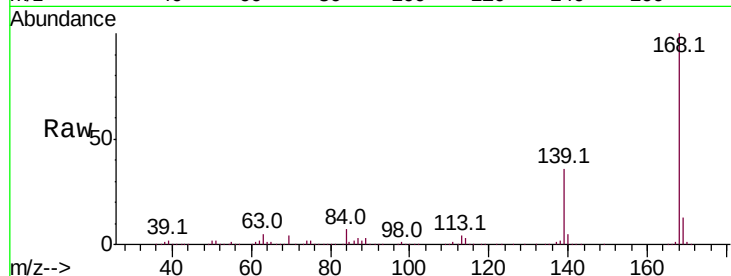
Tot Ion:168 Resp: 572632

Ion Ratio Lower Upper

168 100

139 35.6 32.6 49.0

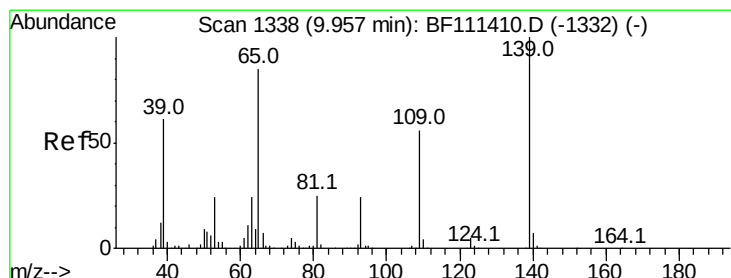
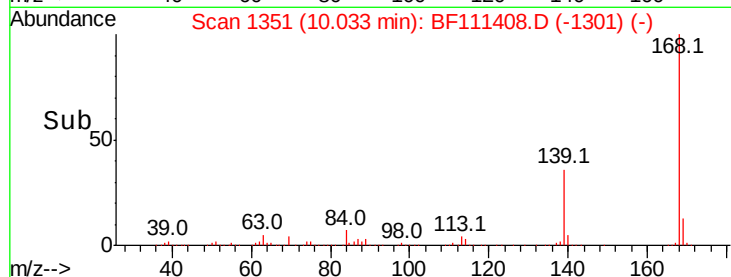
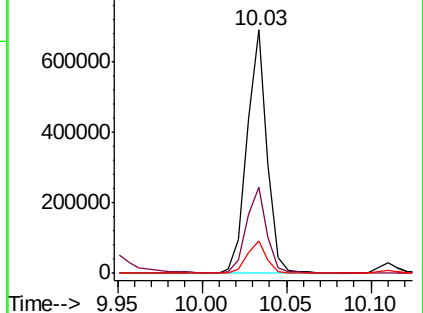
169 13.5 11.8 17.6



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: 9.692 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

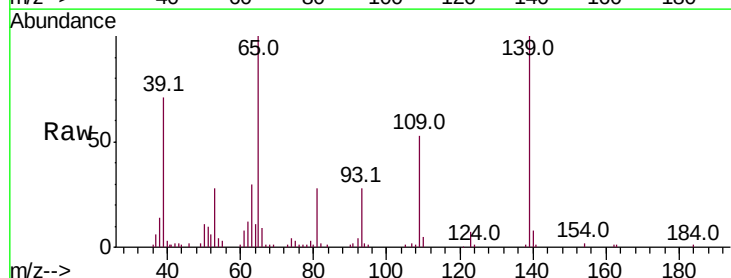
Tgt Ion:139 Resp: 77850

Ion Ratio Lower Upper

139 100

109 52.7 41.8 81.8

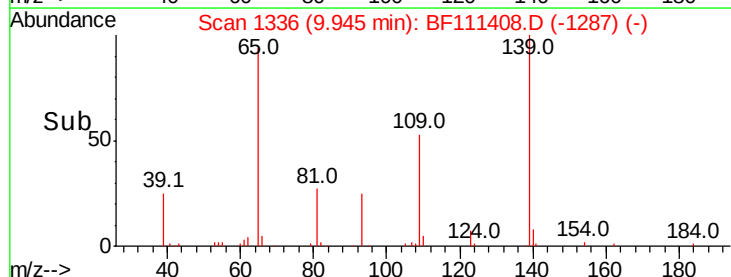
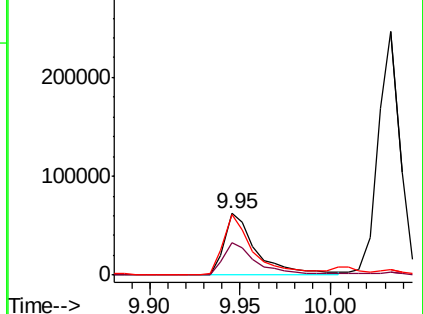
65 99.6 79.6 119.6

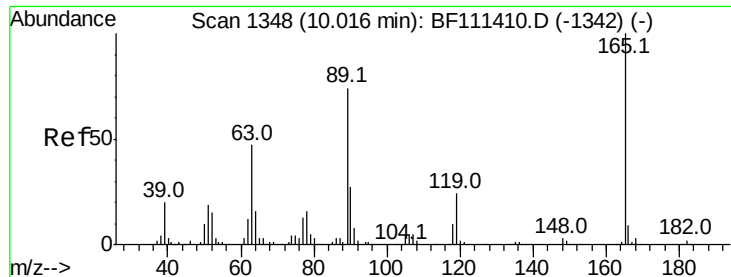


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

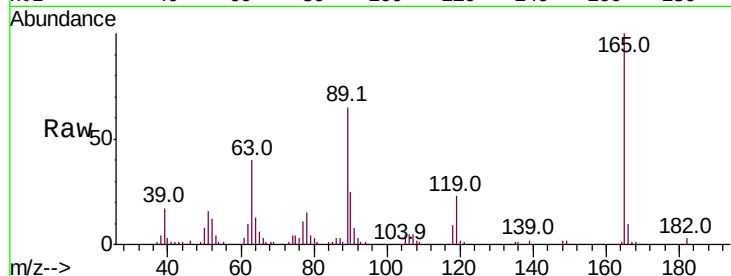




#57
 2,4-Dinitrotoluene
 Concen: 10.984 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	34.6	52.0
89	65.2	56.2	84.4
182	2.7	1.8	2.6



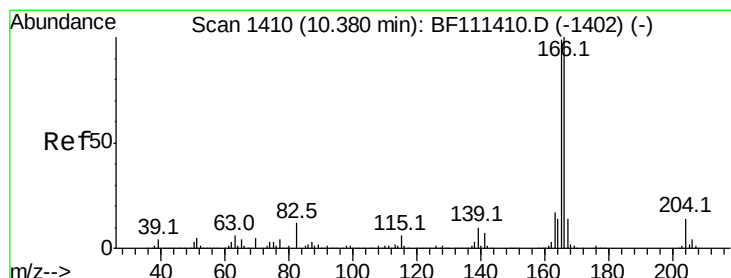
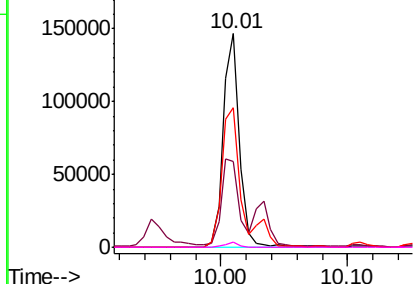
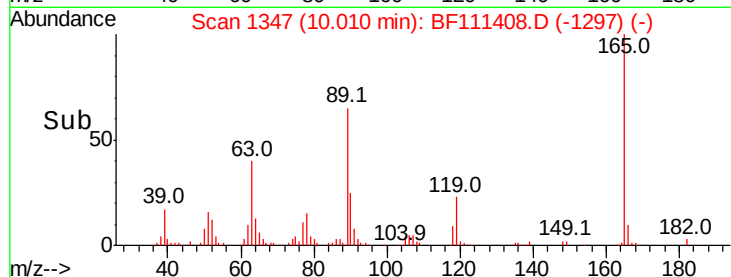
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

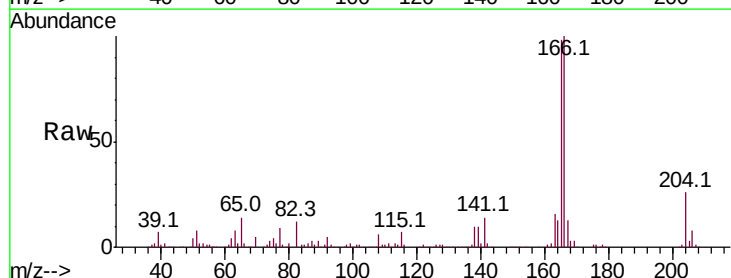
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 11.581 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.5	11.2	16.8

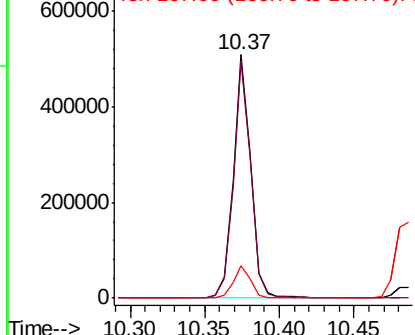
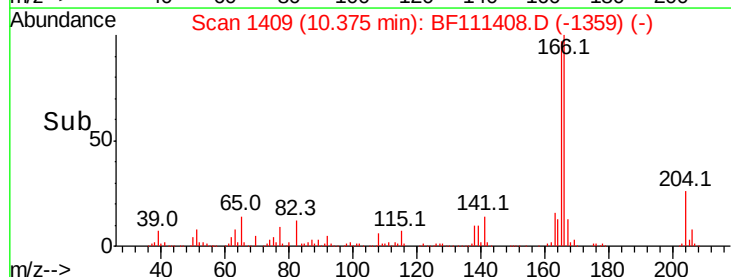


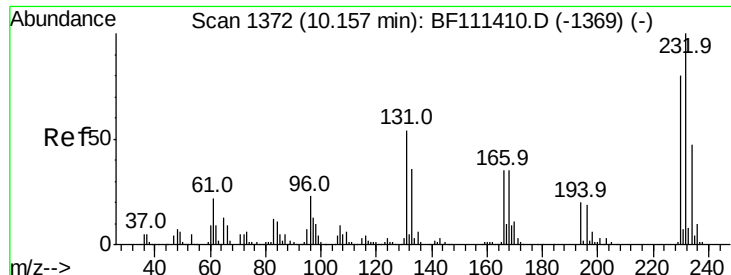
Abundance

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: 10.713 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 102441

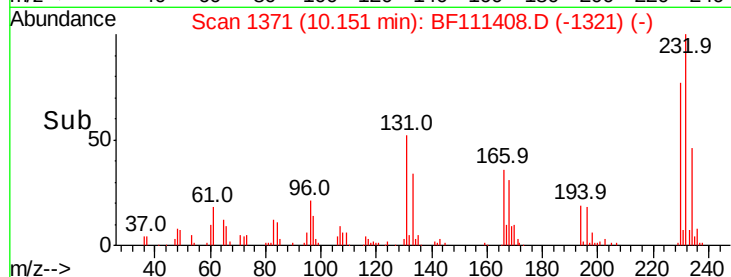
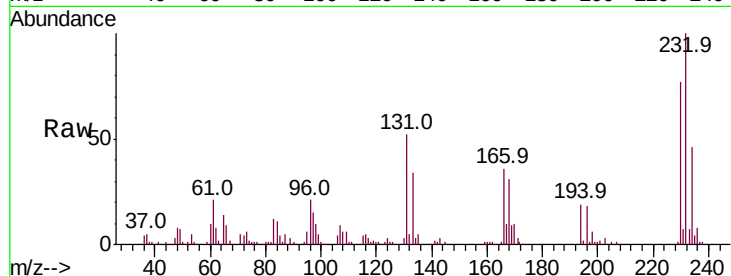
Ion Ratio Lower Upper

232 100

131 45.1 40.9 61.3

130 2.3 2.0 3.0

166 33.2 26.8 40.2

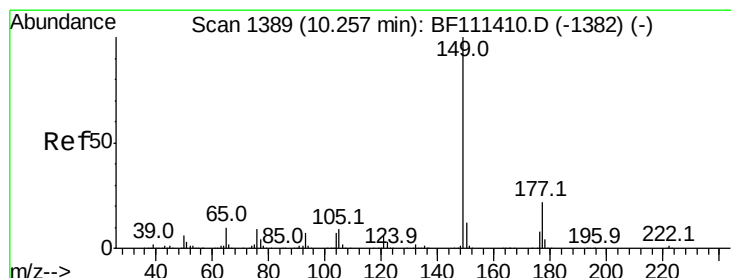
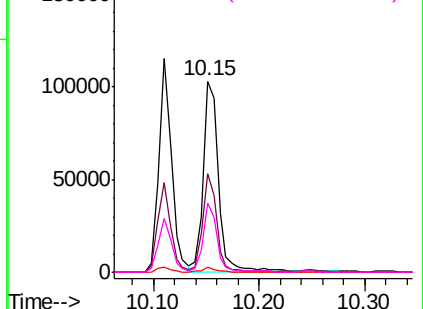


Abundance Ion 232.00 (231.70 to 232.70): E

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: 12.355 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

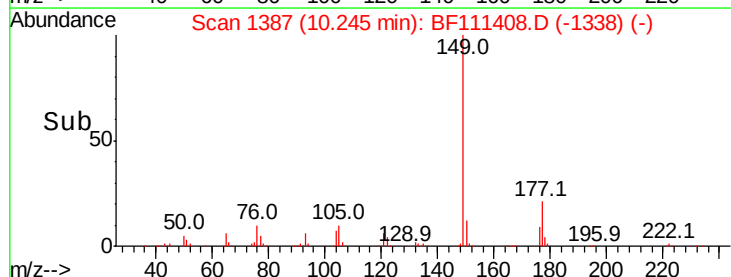
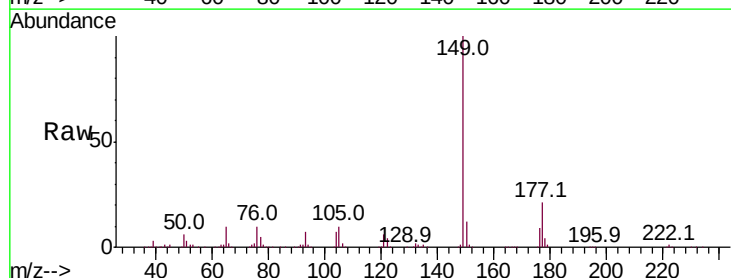
Tgt Ion:149 Resp: 520704

Ion Ratio Lower Upper

149 100

177 21.4 18.3 27.5

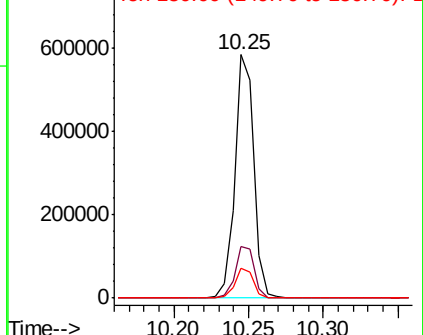
150 12.3 10.6 15.8

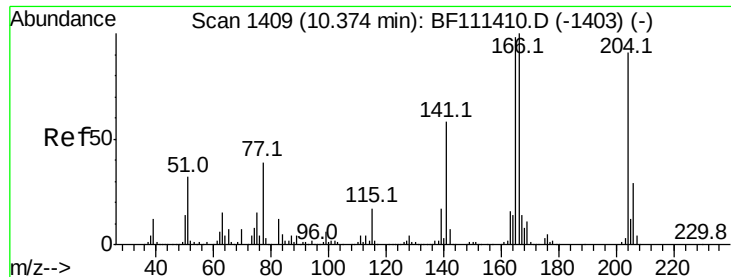


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

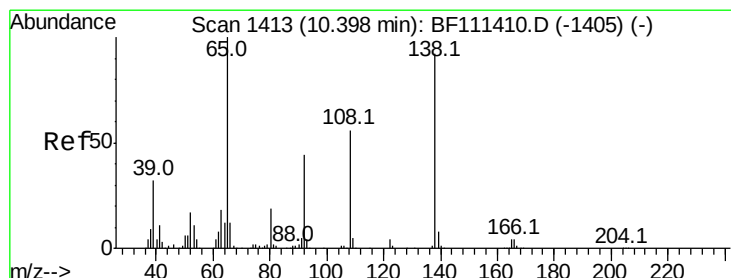
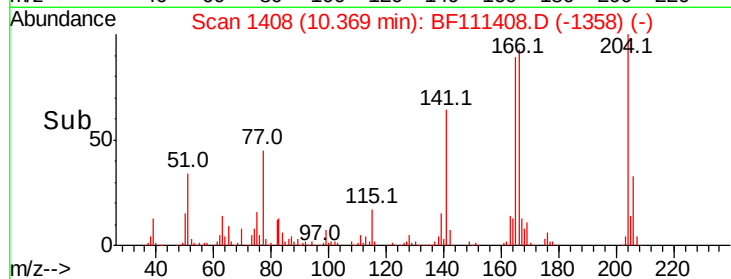
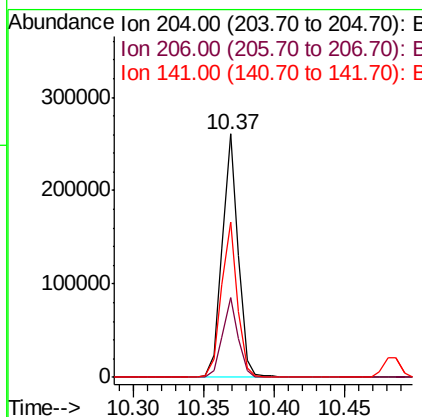
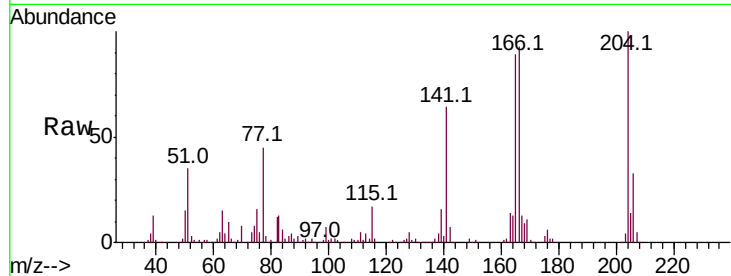




#61
 4-Chlorophenyl-phenylether
 Concen: 11.463 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

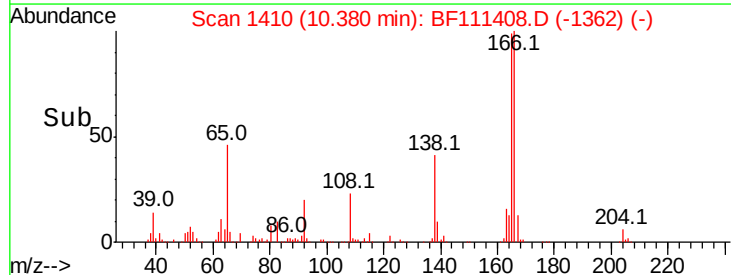
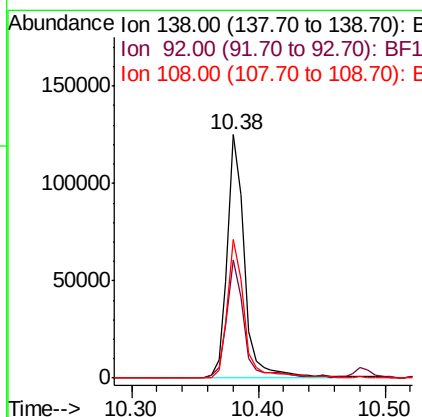
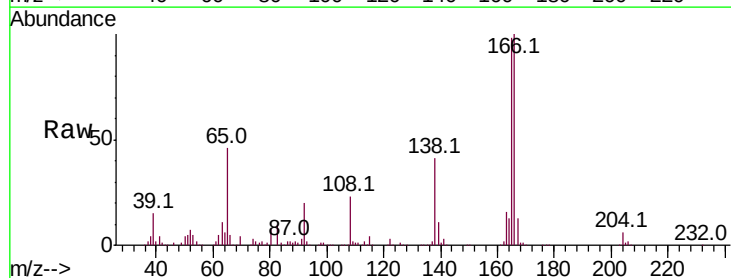
Instrument :
 BNA_F
 ClientSampleId :

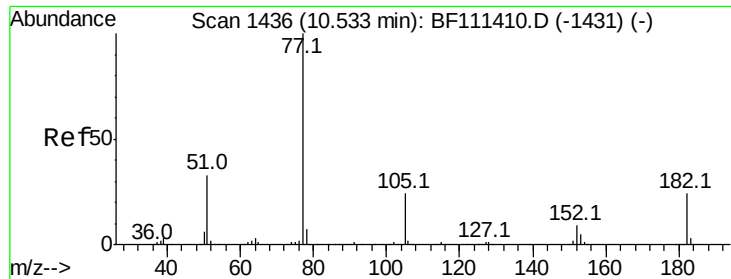
Tot Ion:	204	Resp:	205717
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	63.7	52.6	78.8



#62
 4-Nitroaniline
 Concen: 11.117 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion:	138	Resp:	119178
Ion	Ratio	Lower	Upper
138	100		
92	48.4	29.9	69.9
108	56.9	43.2	83.2





#63

Azobenzene

Concen: 10.830 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 460193

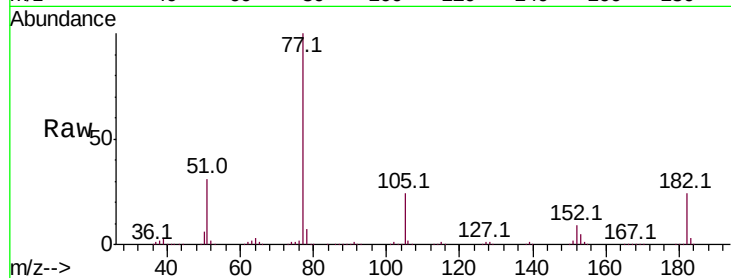
Ion Ratio Lower Upper

77 100

182 23.7 4.9 44.9

105 23.7 6.0 46.0

51 30.8 14.7 54.7

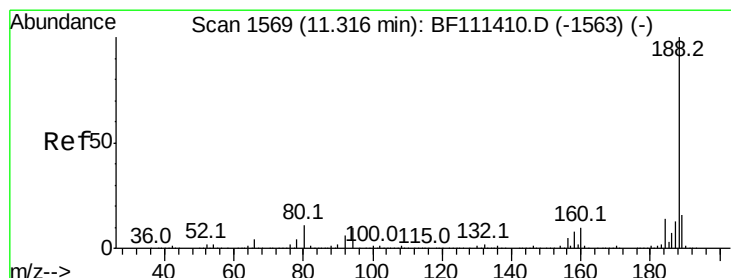
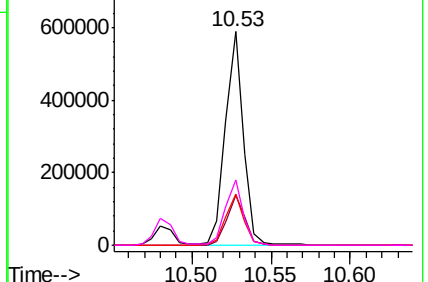
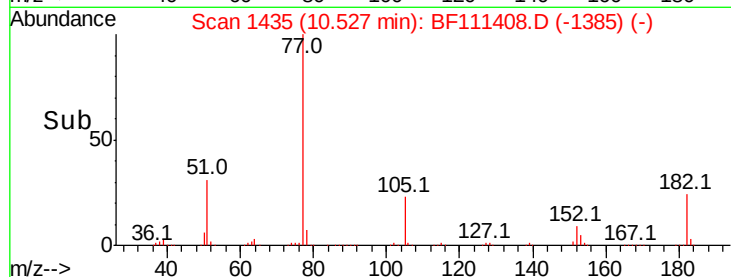


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

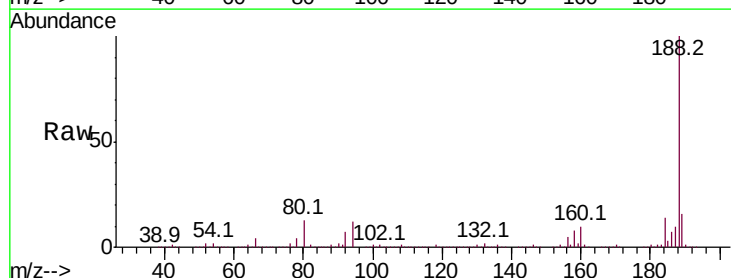
Tgt Ion: 188 Resp: 1042534

Ion Ratio Lower Upper

188 100

94 12.2 9.6 14.4

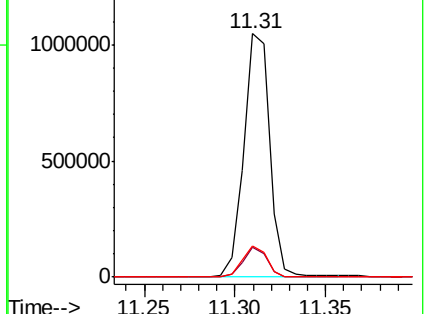
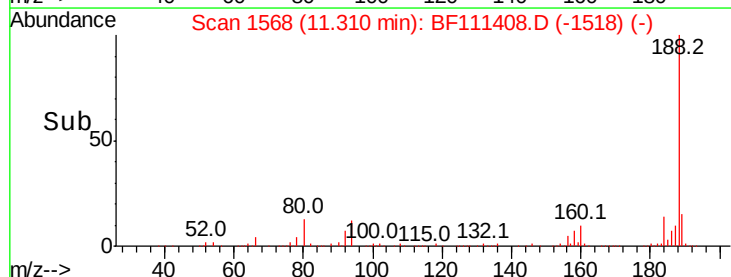
80 12.9 9.8 14.6

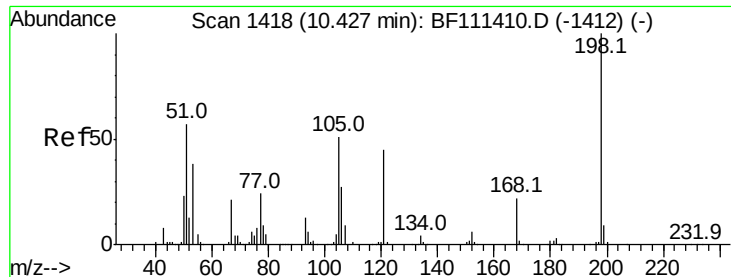


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

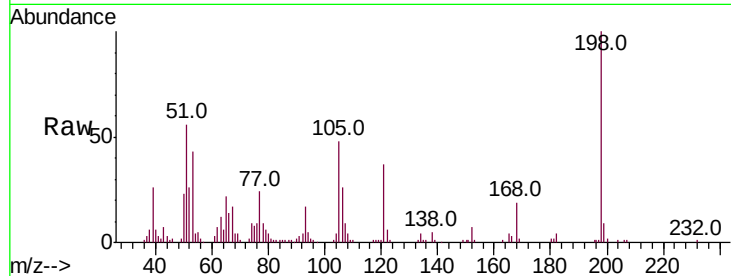




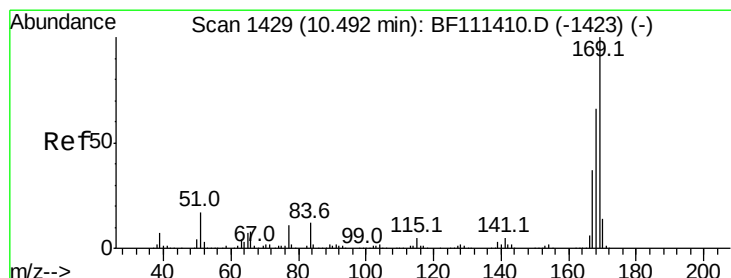
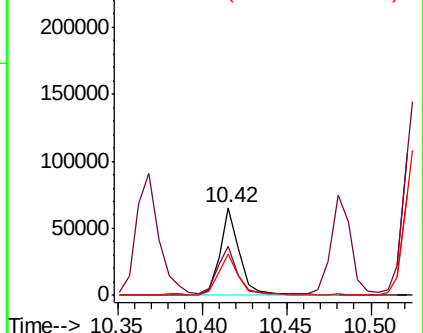
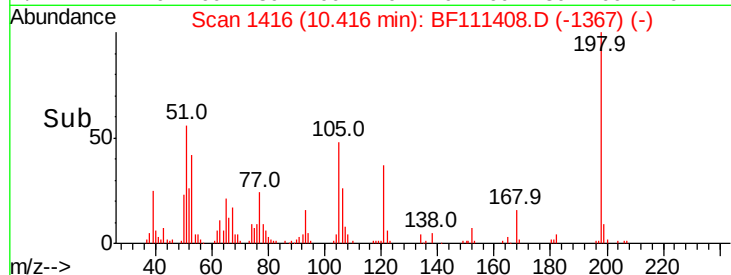
#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.029 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 54043
 Ion Ratio Lower Upper
 198 100
 51 56.0 48.0 88.0
 105 47.8 34.0 74.0

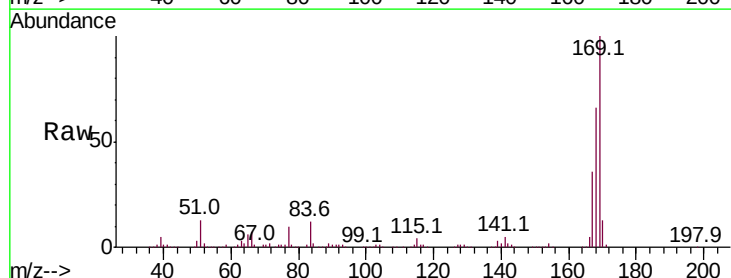


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

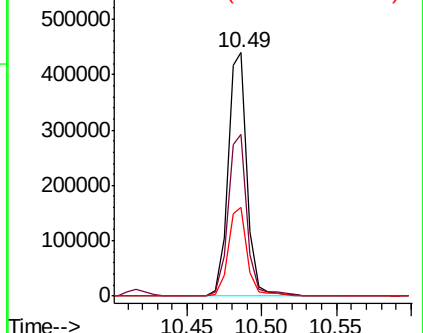
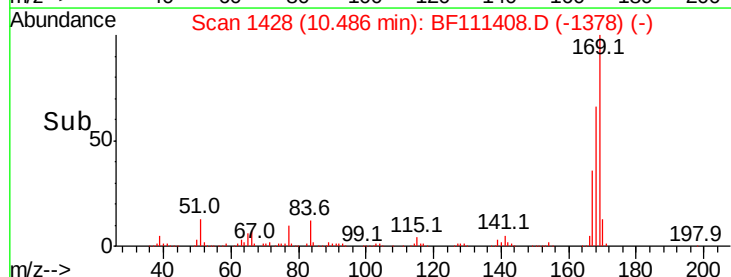


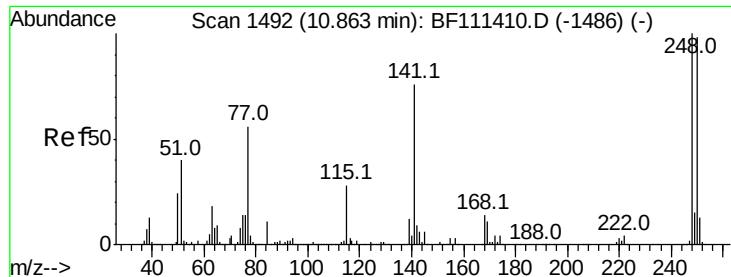
#66
 n-Nitrosodiphenylamine
 Concen: 10.750 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion:169 Resp: 398658
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.4 81.6
 167 36.2 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

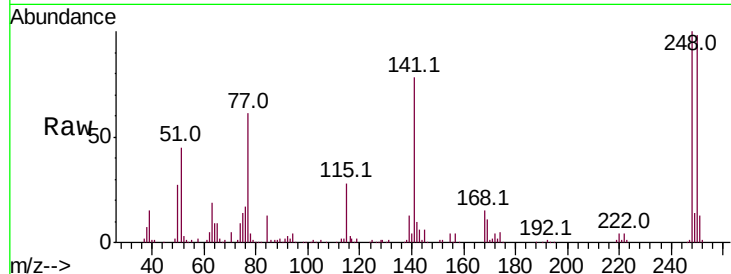




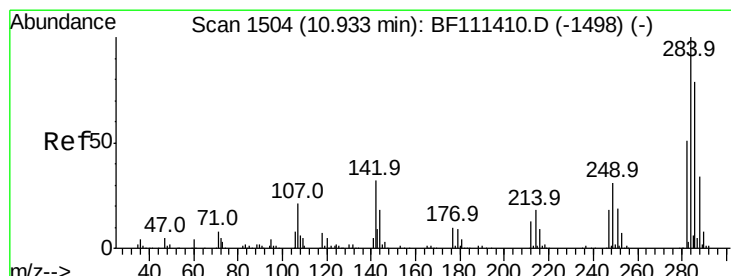
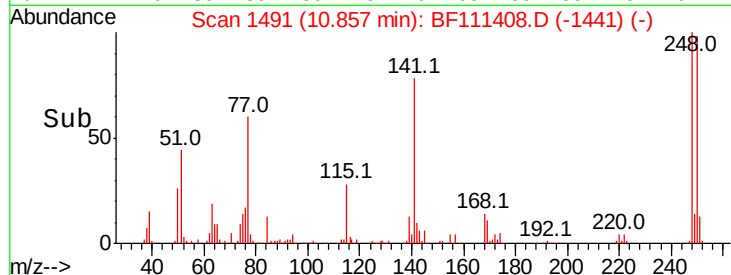
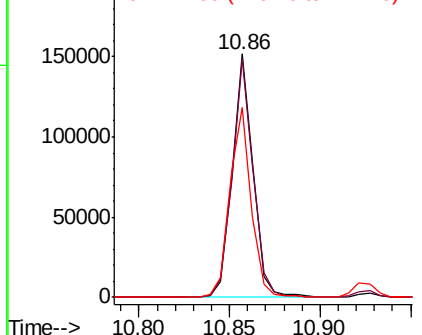
#67
 4-Bromophenyl-phenylether
 Concen: 10.472 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 121537
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.0 115.4
 141 78.1 63.0 94.6

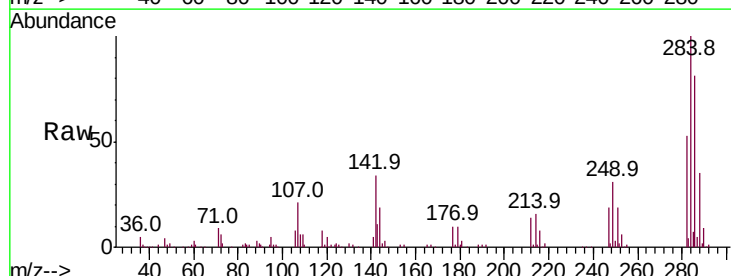


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

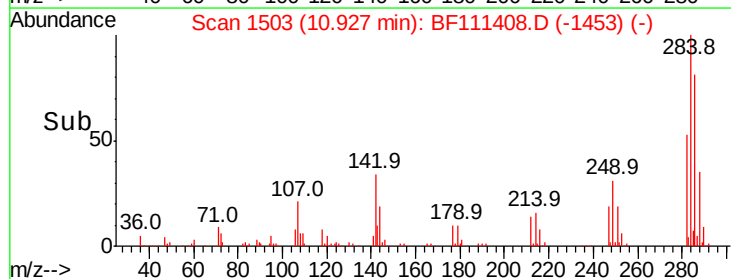
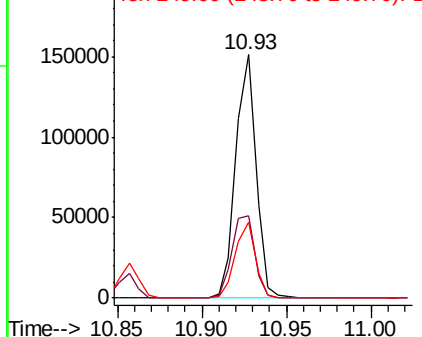


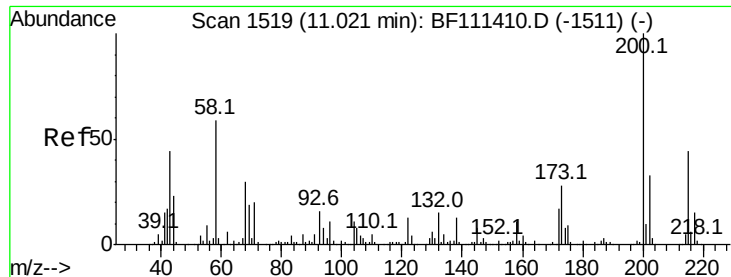
#68
 Hexachlorobenzene
 Concen: 10.594 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion:284 Resp: 126607
 Ion Ratio Lower Upper
 284 100
 142 34.0 27.4 41.2
 249 31.0 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

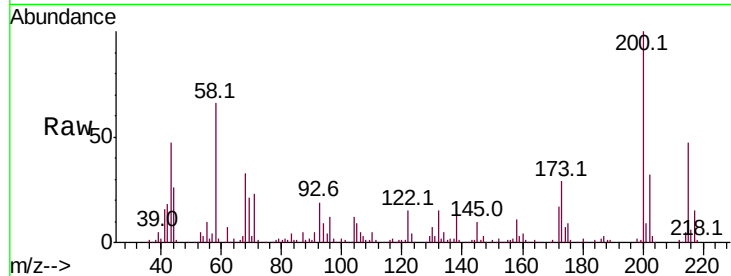




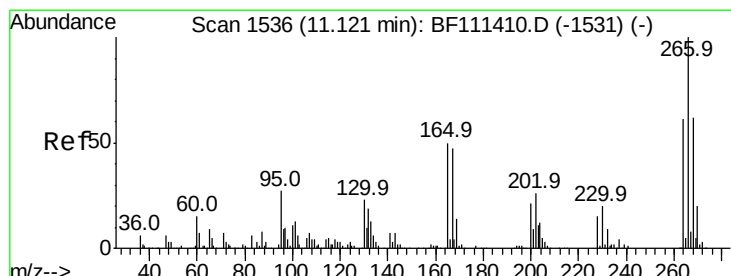
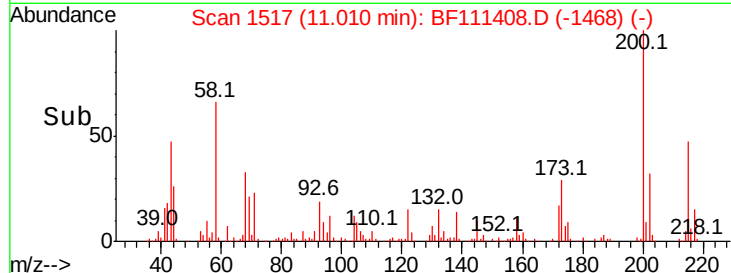
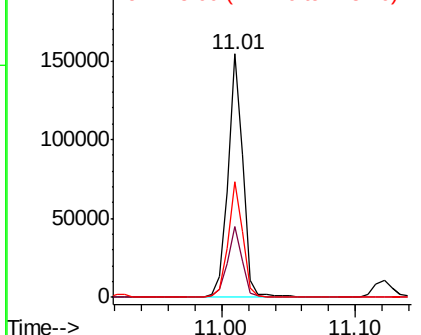
#69
Atrazine
Concen: 11.406 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.9	10.1	50.1
215	47.4	26.9	66.9

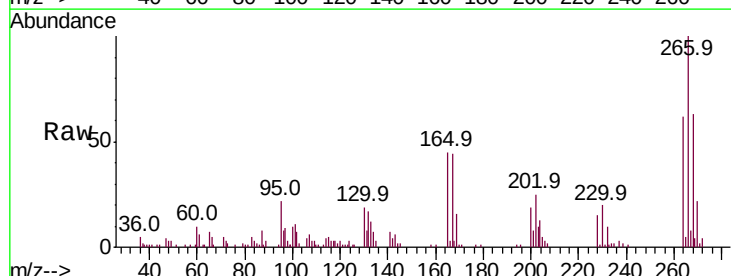


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

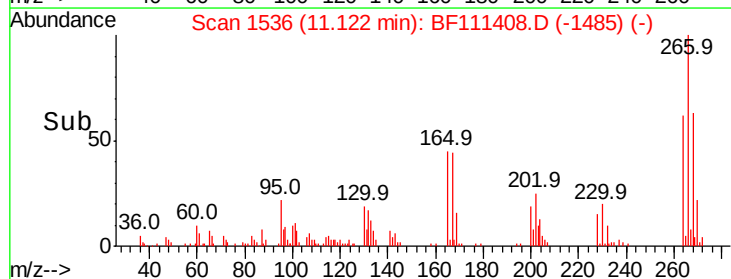
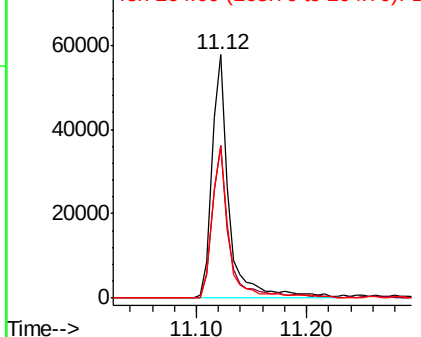


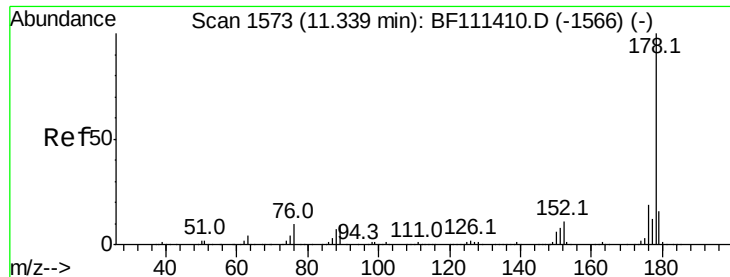
#70
Pentachlorophenol
Concen: 7.692 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	47.9	71.9
264	62.4	49.1	73.7



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

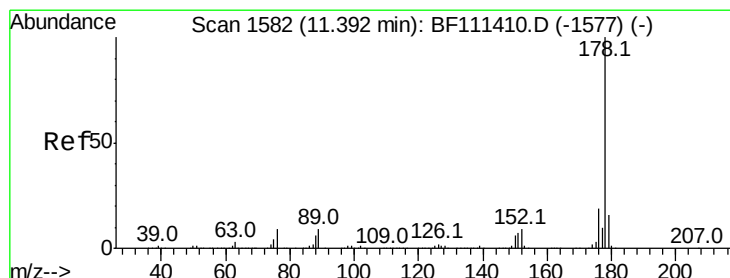
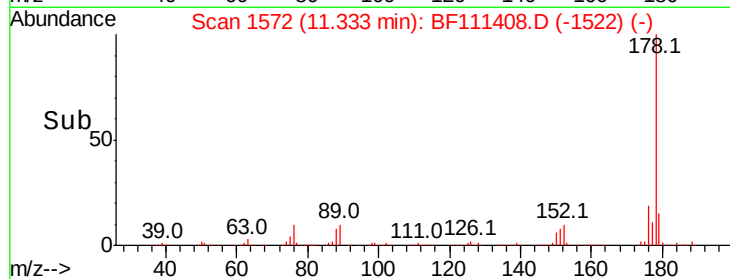
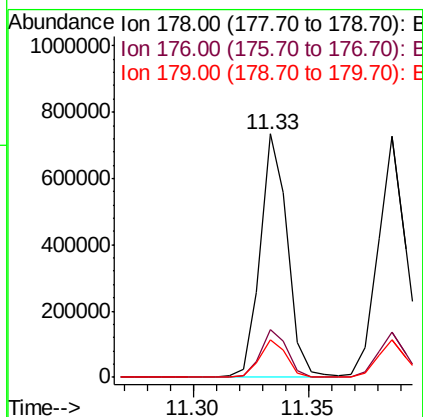
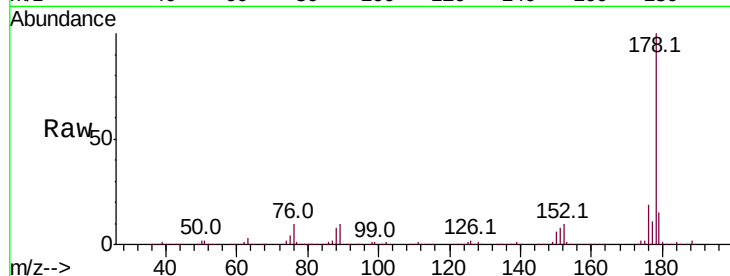




#71
Phenanthrene
Concen: 11.247 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

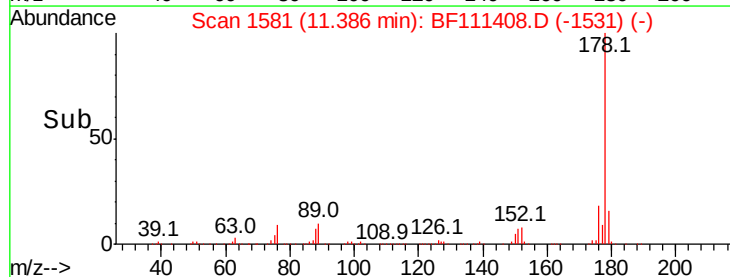
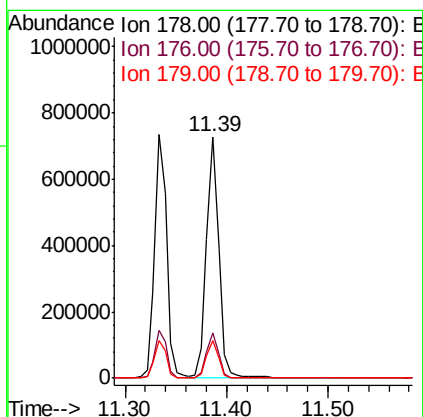
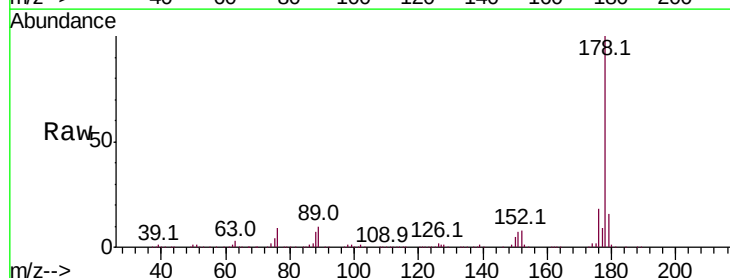
Instrument :
BNA_F
ClientSampleId :

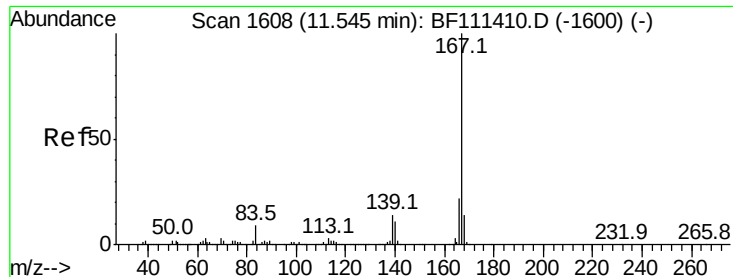
Tot Ion:178 Resp: 606057
Ion Ratio Lower Upper
178 100
176 19.4 18.1 27.1
179 15.3 14.0 21.0



#72
Anthracene
Concen: 11.314 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion:178 Resp: 620804
Ion Ratio Lower Upper
178 100
176 18.5 17.2 25.8
179 15.7 13.8 20.8

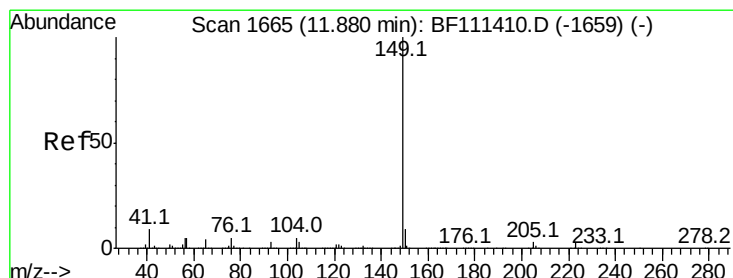
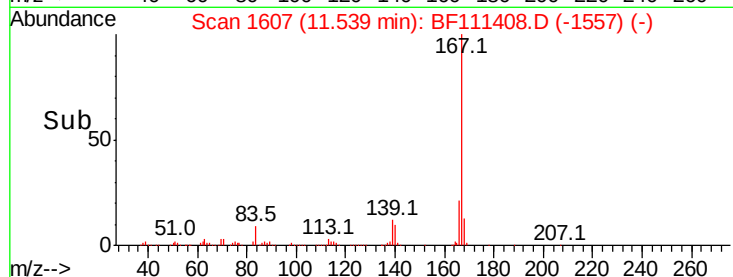
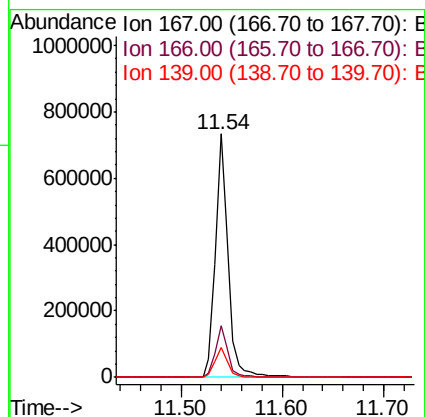
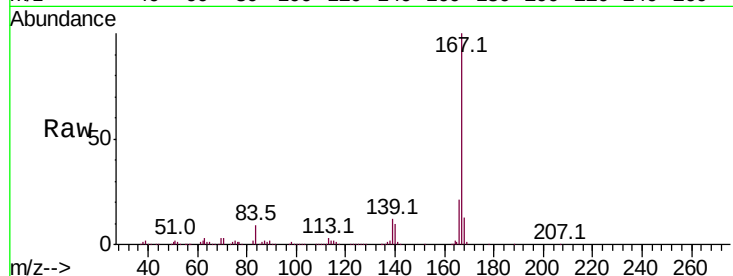




#73
 Carbazole
 Concen: 11.440 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

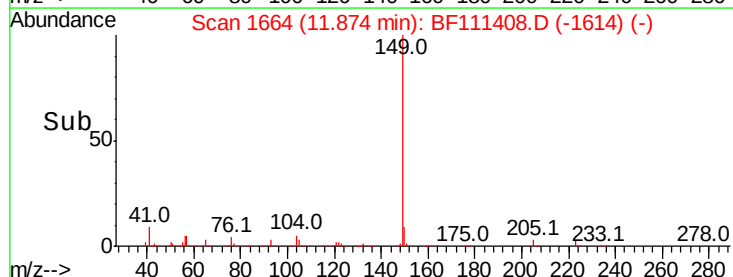
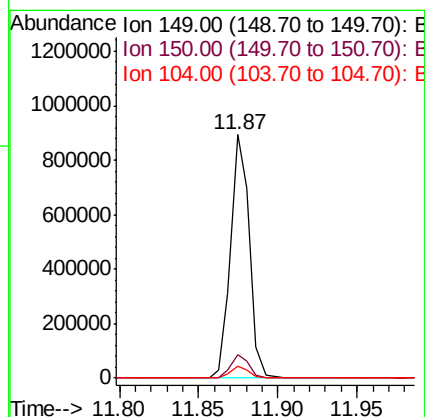
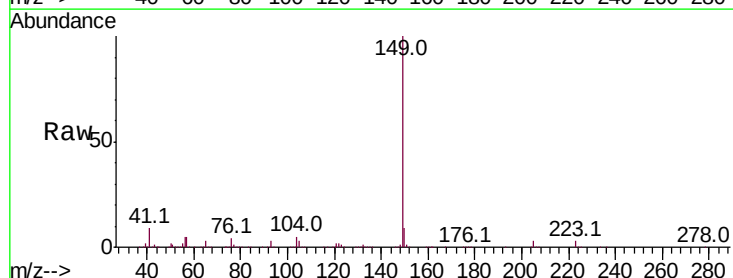
Instrument :
 BNA_F
 ClientSampleId :

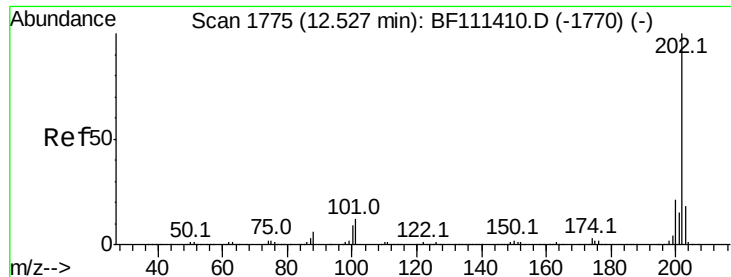
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.3	28.9
139	12.5	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 11.411 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.7	4.5	6.7

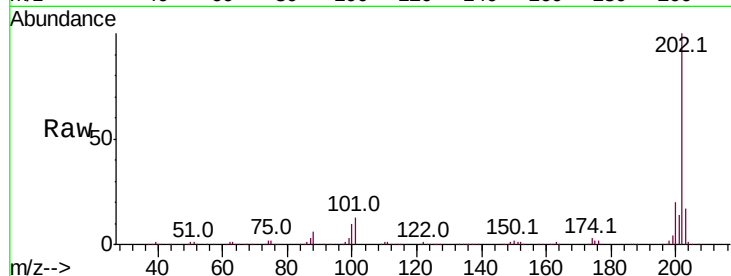




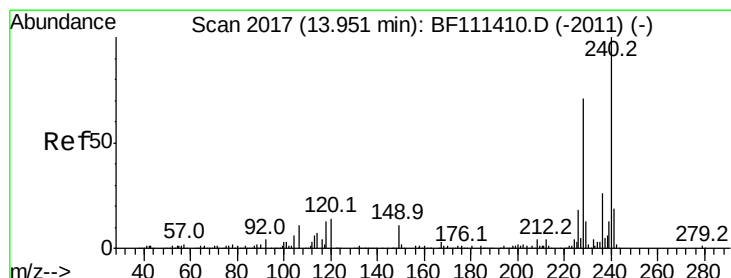
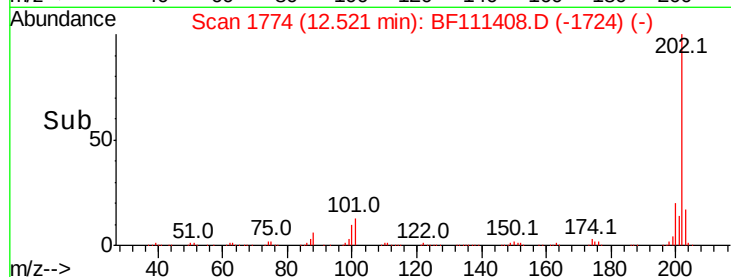
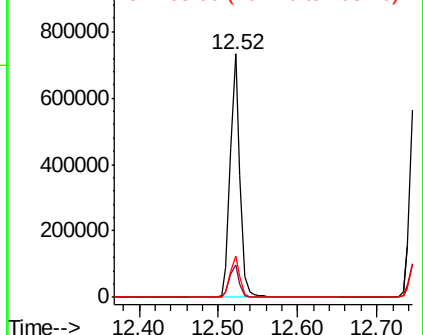
#75
 Fluoranthene
 Concen: 11.883 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.8
203	17.1	0.0	38.6

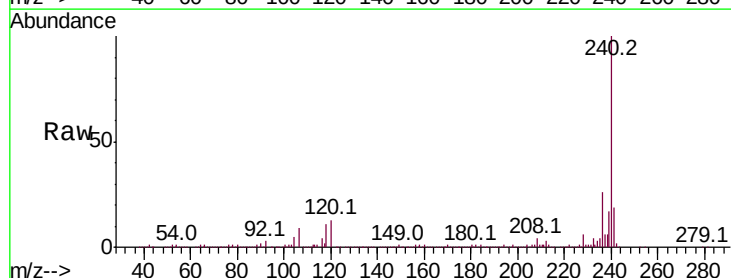


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

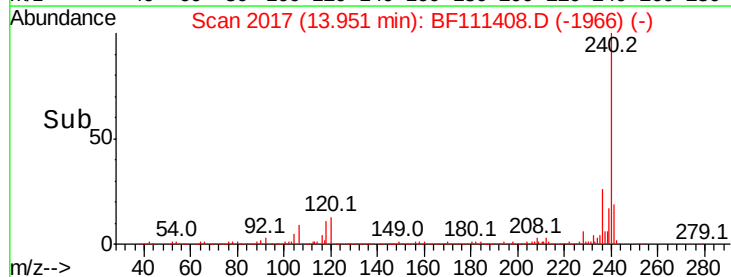
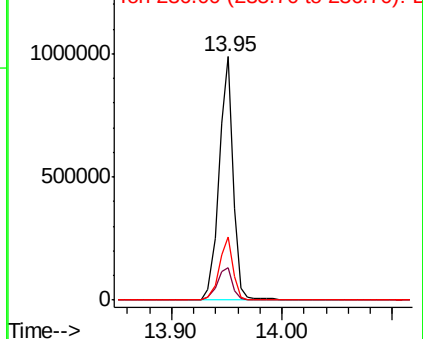


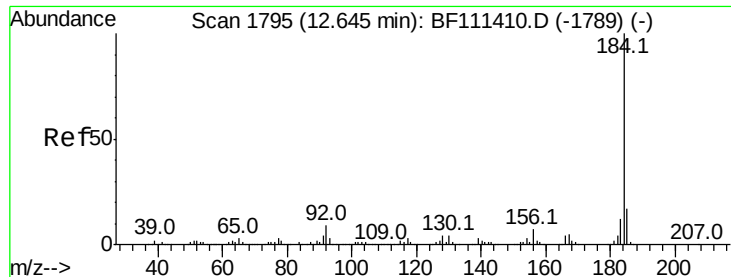
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	12.2	18.2
236	25.7	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: 21.953 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

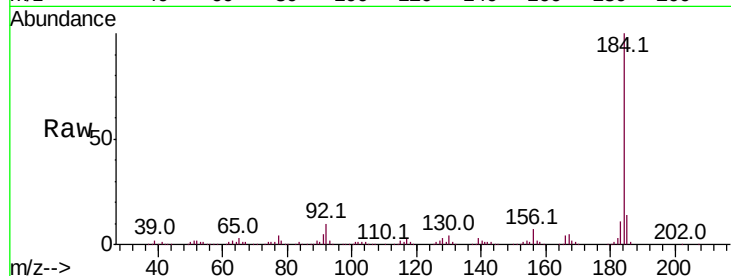
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 363056

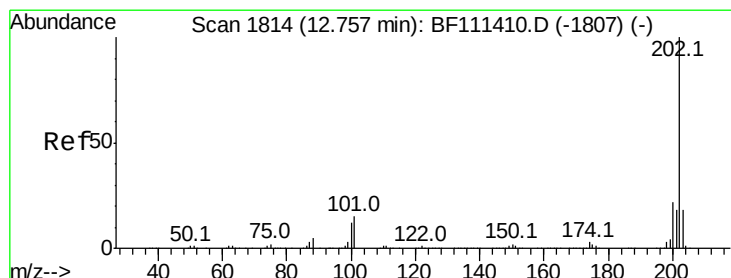
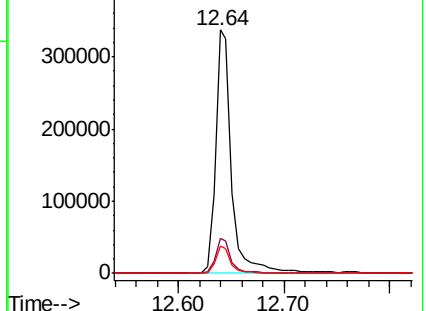
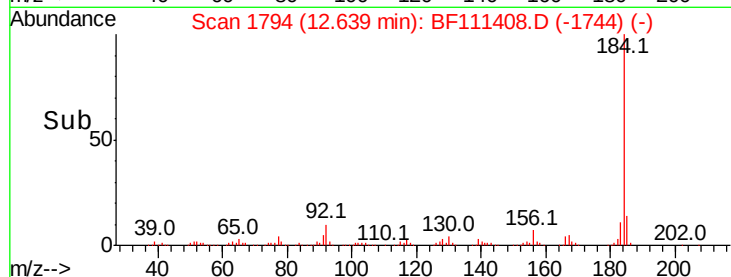
Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.0	19.6
183	11.1	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.665 ng

RT: 12.75 min Scan# 1813

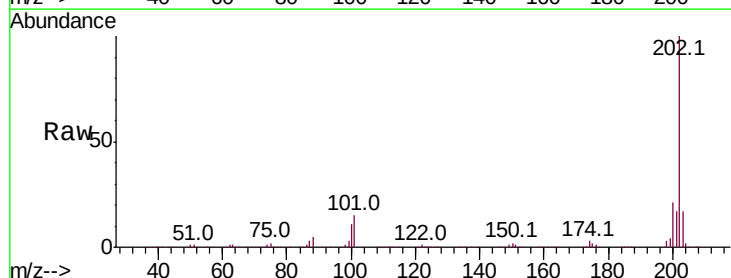
Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Tgt Ion:202 Resp: 653681

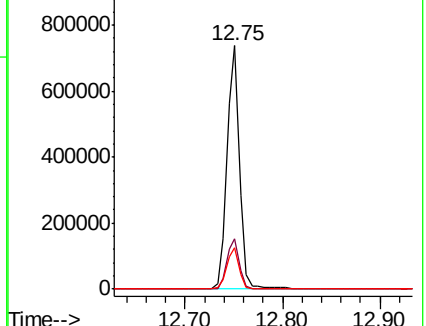
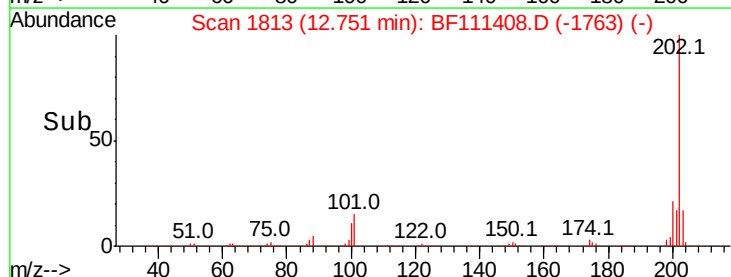
Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.0	28.4
203	17.2	15.2	22.8

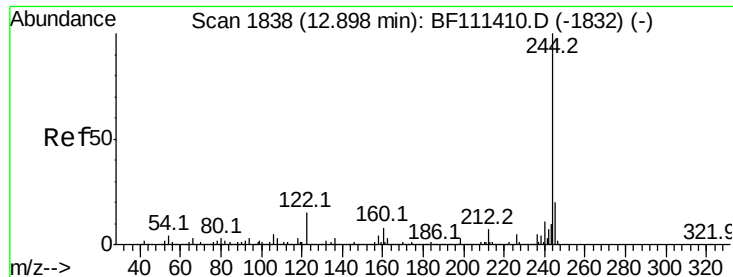


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 20.544 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

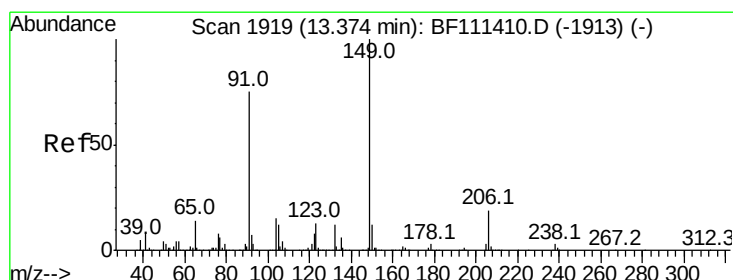
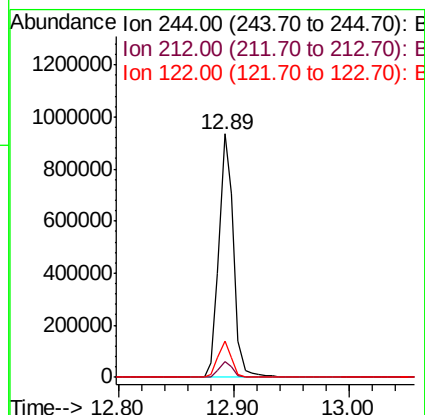
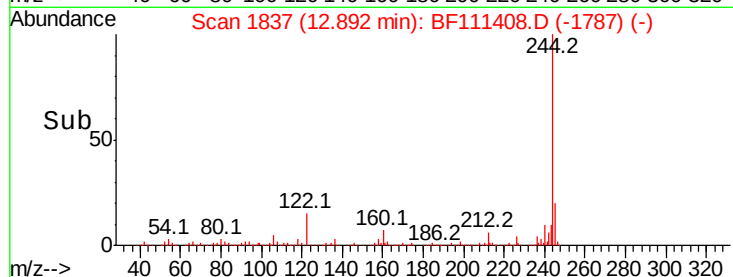
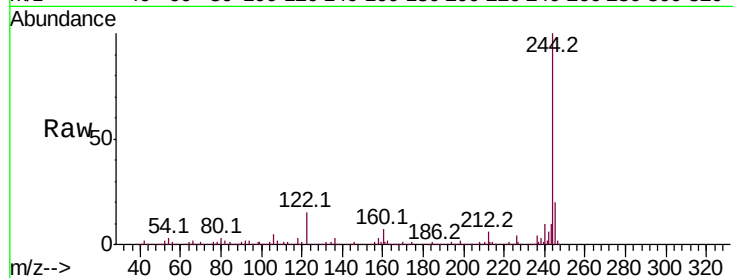
Tot Ion:244 Resp: 818002

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 14.8 13.1 19.7



#80

Butylbenzylphthalate

Concen: 9.531 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

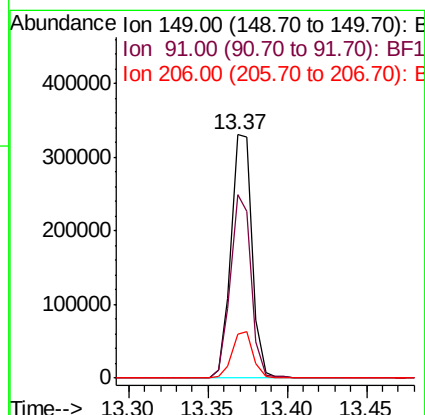
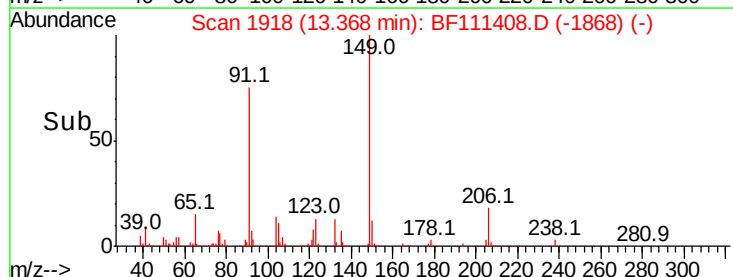
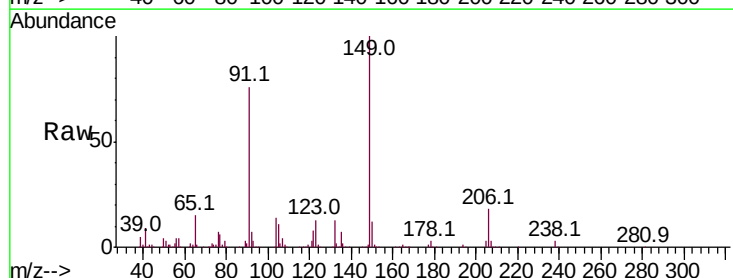
Tgt Ion:149 Resp: 309492

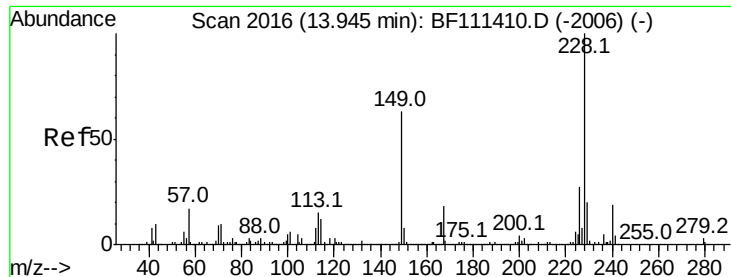
Ion Ratio Lower Upper

149 100

91 75.5 63.8 95.6

206 18.1 15.1 22.7





#81

Benzo(a)anthracene

Concen: 10.629 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampled :

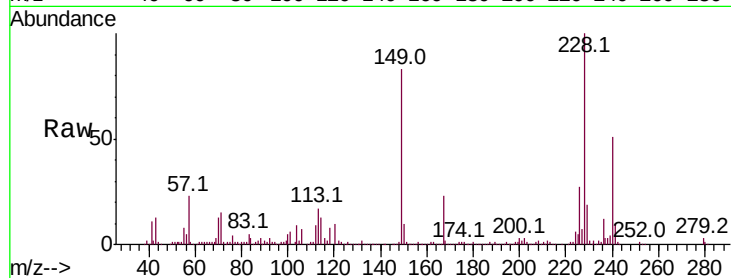
Tot Ion:228 Resp: 521149

Ion Ratio Lower Upper

228 100

226 26.5 22.6 34.0

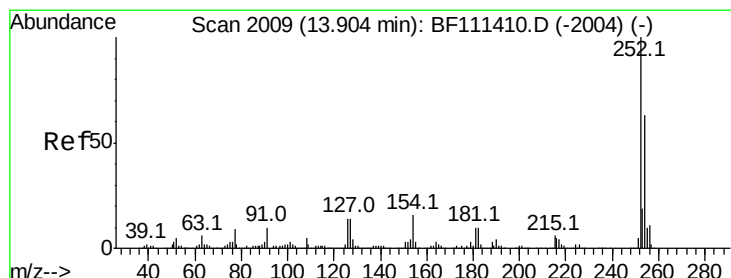
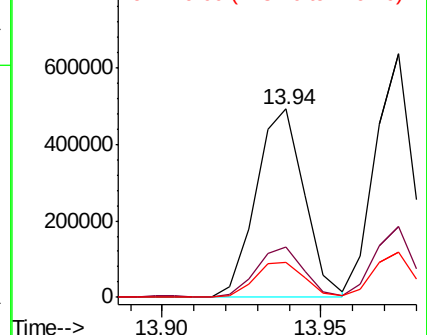
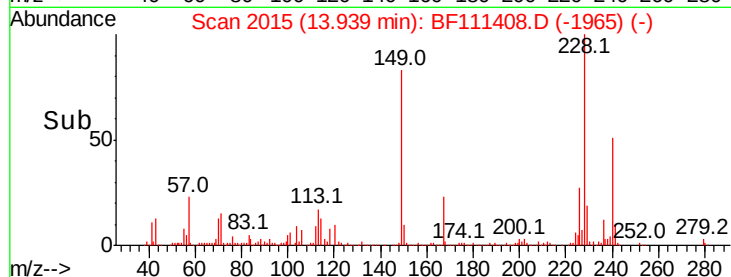
229 18.6 16.3 24.5



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: 11.871 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

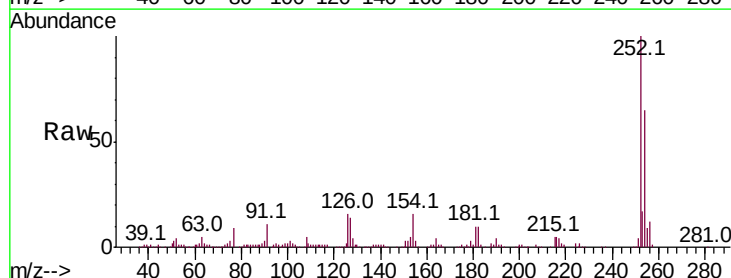
Tgt Ion:252 Resp: 220126

Ion Ratio Lower Upper

252 100

254 65.0 52.7 79.1

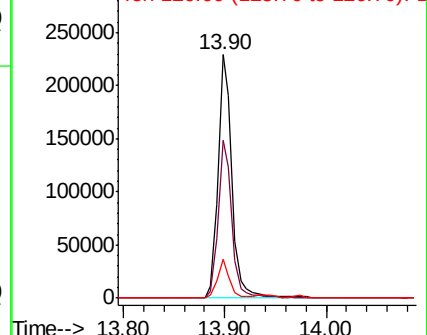
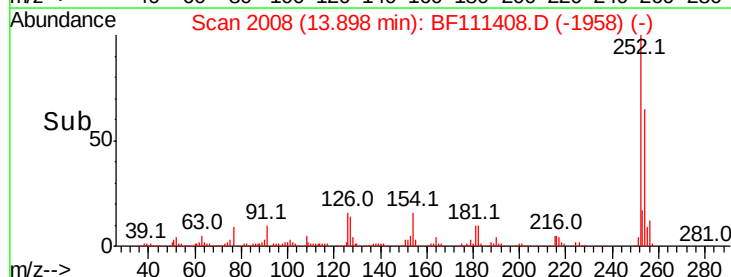
126 16.0 11.1 16.7

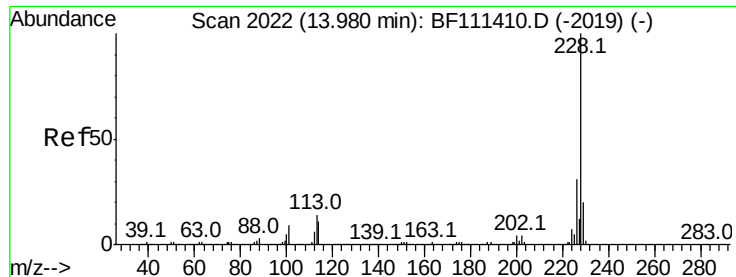


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

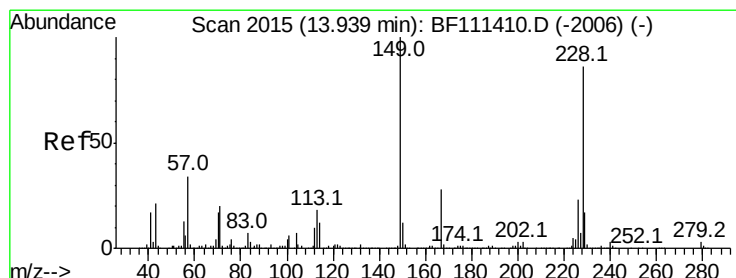
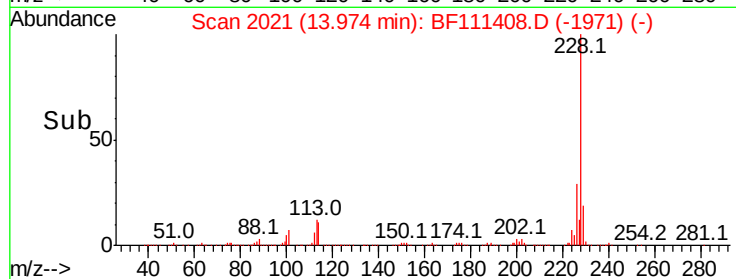
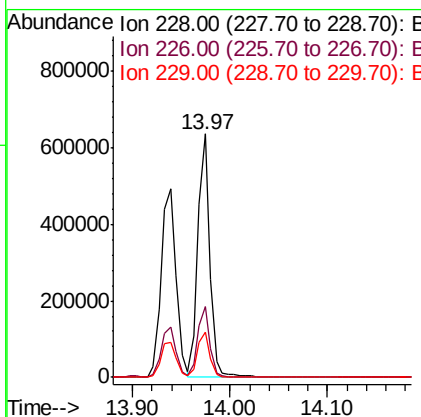
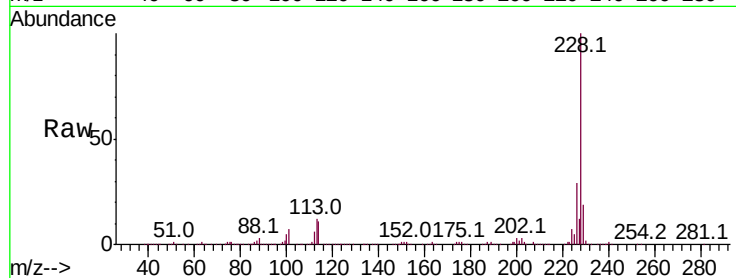




#83
 Chrysene
 Concen: 10.921 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

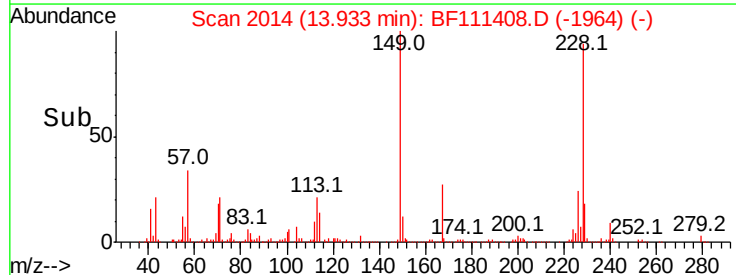
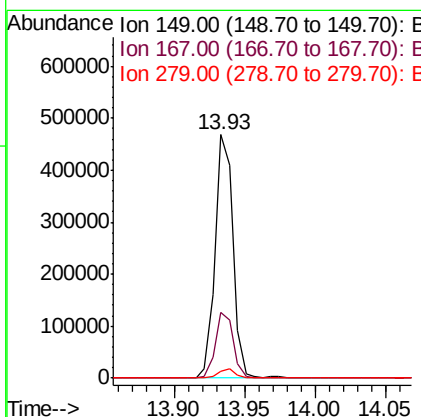
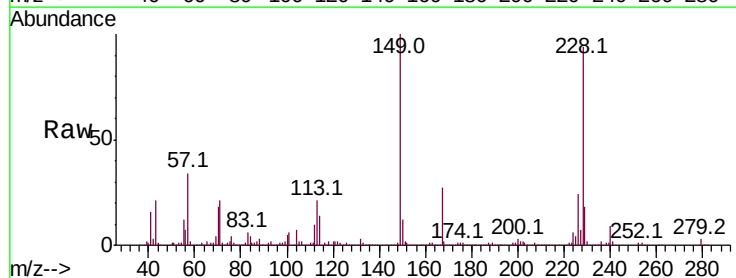
Instrument :
 BNA_F
 ClientSampleId :

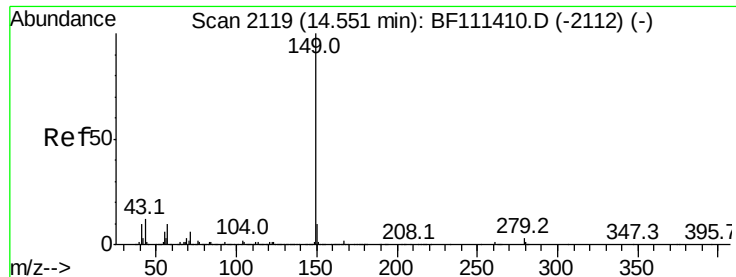
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.3	37.9
229	18.8	17.2	25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.390 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF111408.D
 Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	3.0	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 10.819 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Instrument :

BNA_F

ClientSampleId :

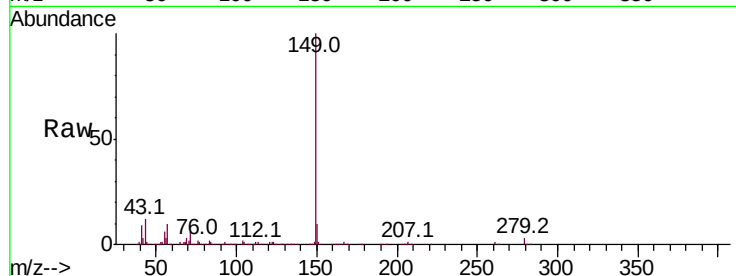
Tot Ion:149 Resp: 705222

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

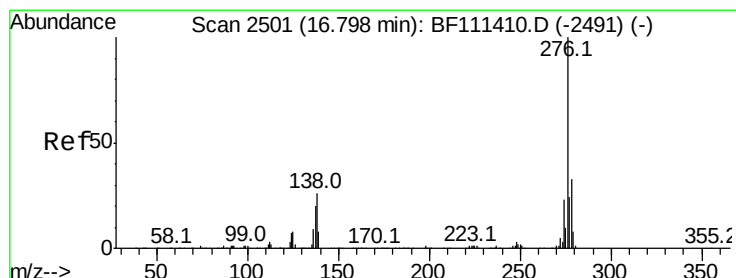
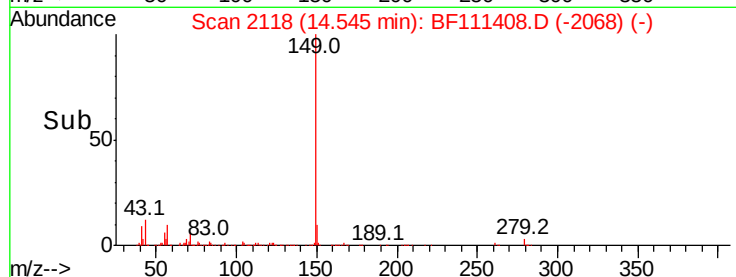
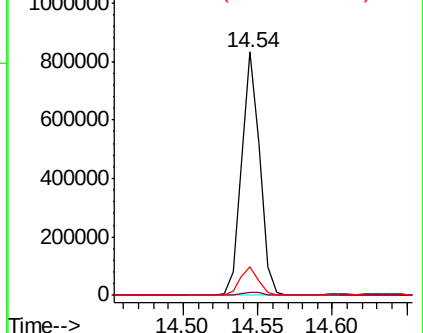
43 11.6 10.9 16.3



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: 10.498 ng

RT: 16.79 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

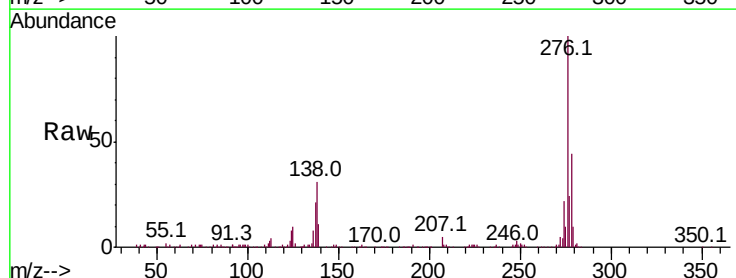
Tgt Ion:276 Resp: 410757

Ion Ratio Lower Upper

276 100

138 33.2 27.8 41.6

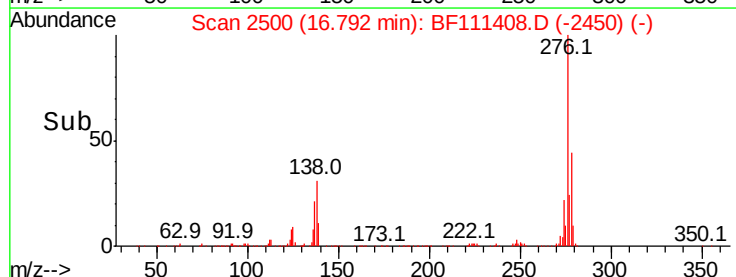
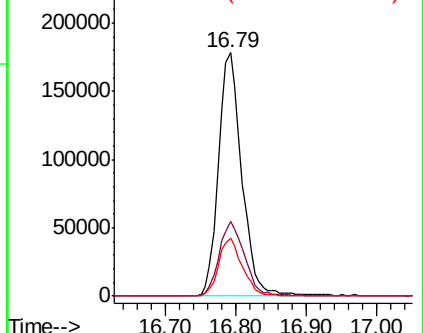
277 24.1 20.1 30.1

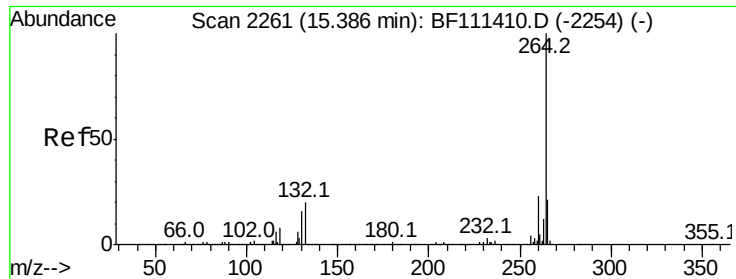


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

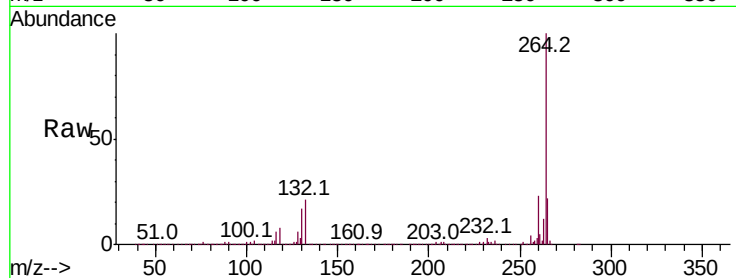
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 820868

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.7	17.7	26.5

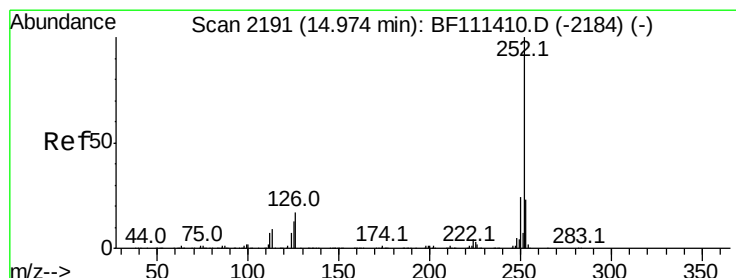
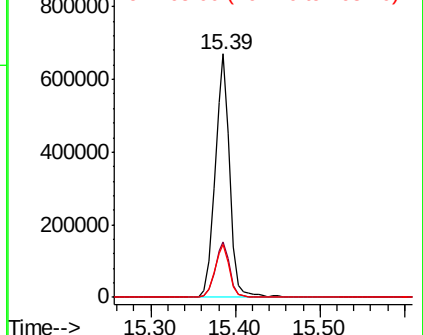
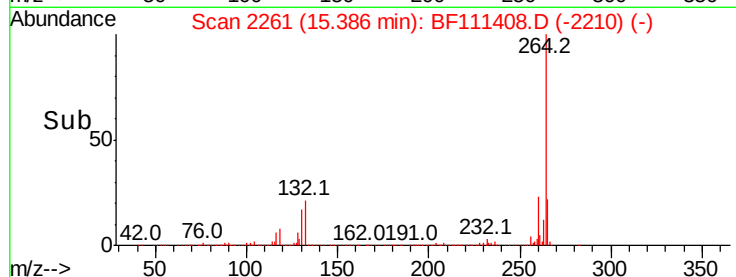


Abundance

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: 10.008 ng

RT: 14.97 min Scan# 2190

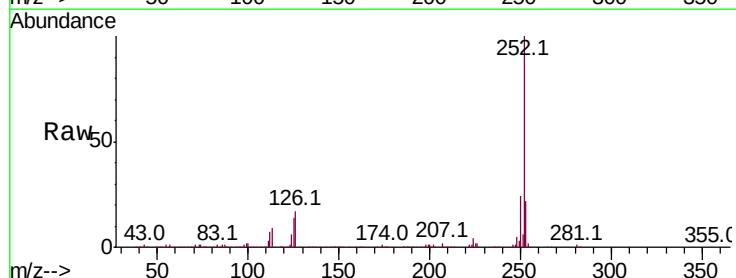
Delta R.T. -0.01 min

Lab File: BF111408.D

Acq: 14 Dec 2018 10:12

Tgt Ion:252 Resp: 467162

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	13.5	10.4	15.6

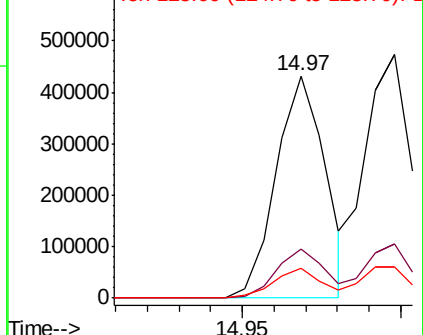
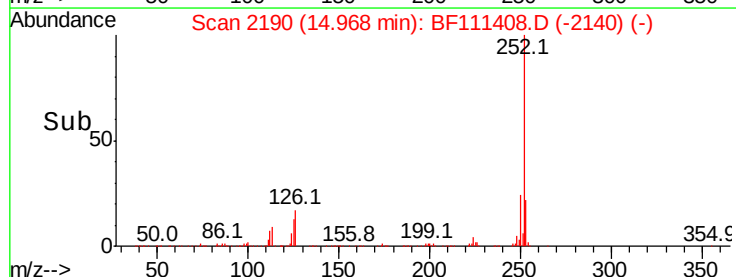


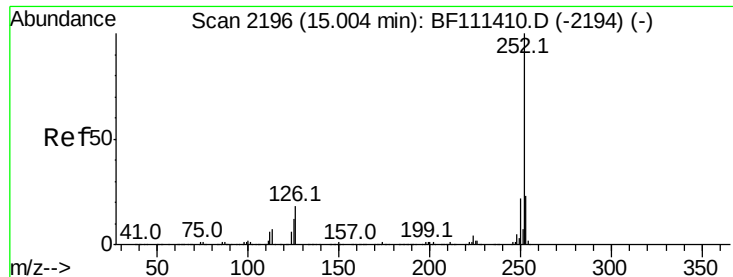
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

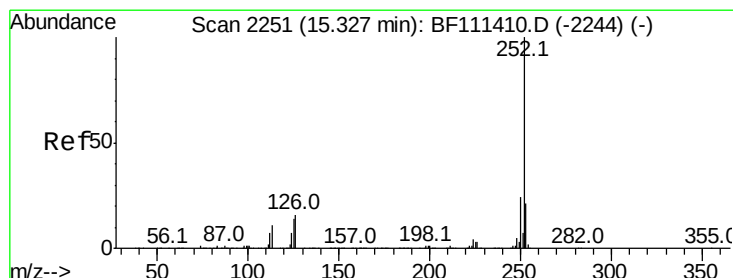
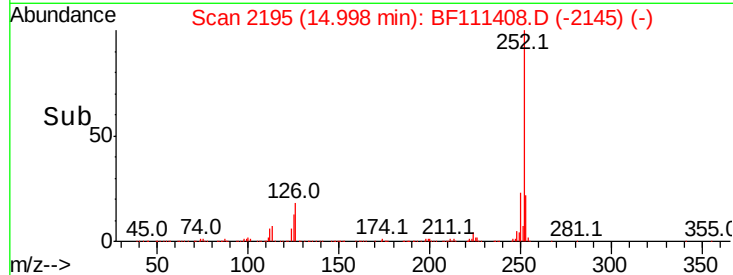
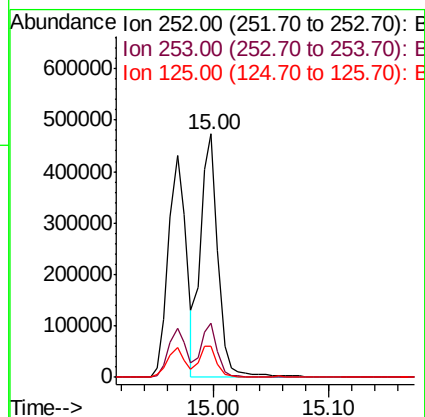
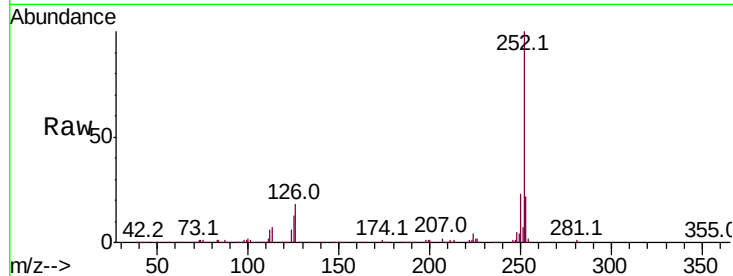




#89
Benzo(k)fluoranthene
Concen: 10.784 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

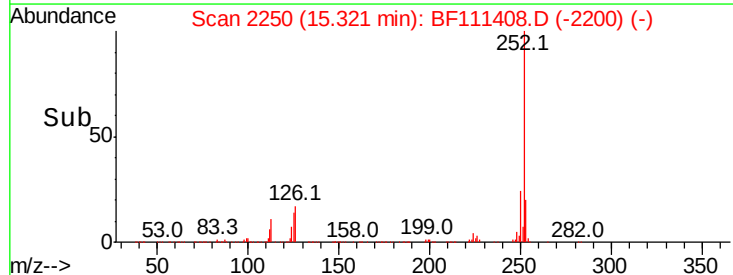
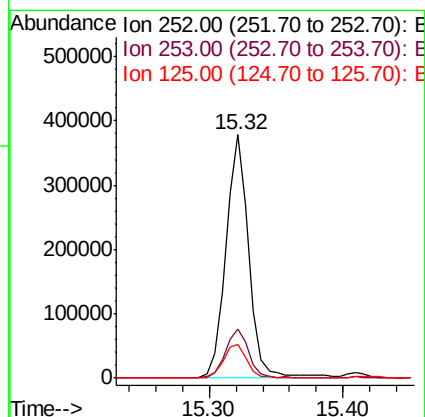
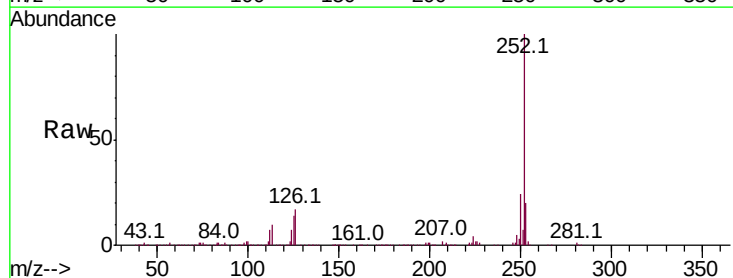
Instrument :
BNA_F
ClientSampleId :

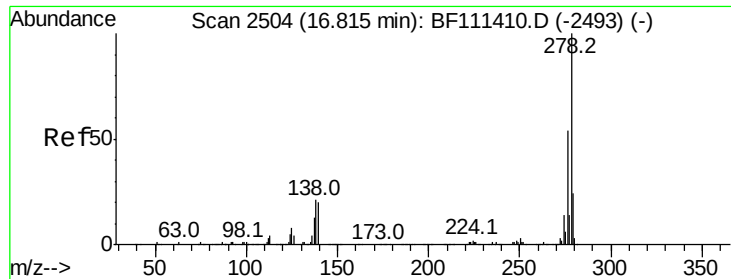
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.8	9.8	14.8



#90
Benzo(a)pyrene
Concen: 10.544 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.8	26.8
125	13.6	12.3	18.5

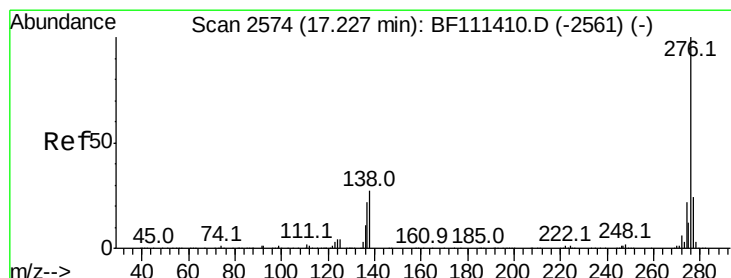
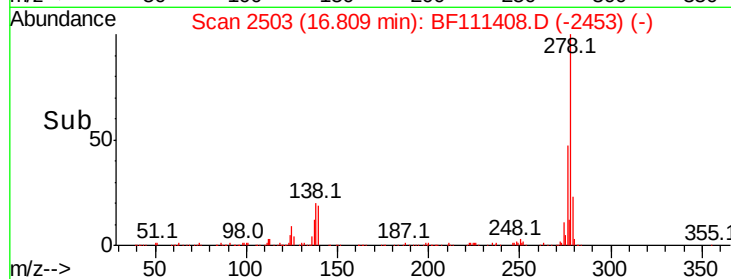
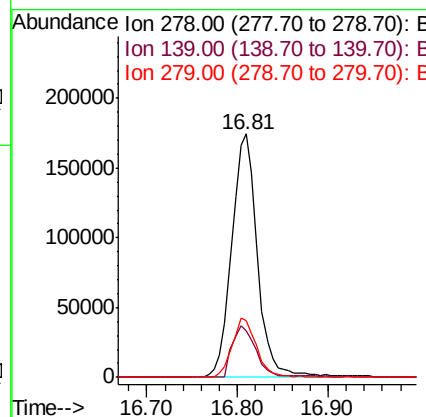
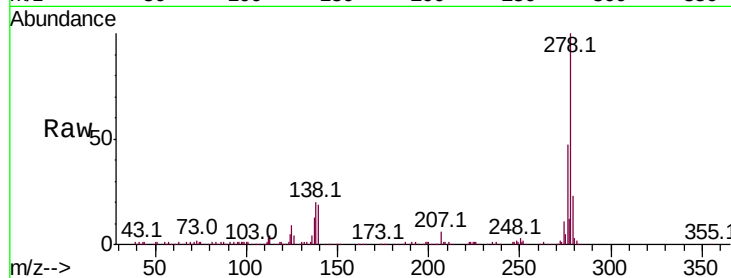




#91
Dibenzo(a,h)anthracene
Concen: 9.544 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.3	18.2	27.4
279	23.2	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 8.932 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF111408.D
Acq: 14 Dec 2018 10:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	28.2	24.9	37.3

