

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110615.D
 Acq On : 9 Nov 2018 9:29
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 15:44:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85831	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	357971	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	168766	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	306485	20.00	ng	0.00
76) Chrysene-d12	14.13	240	224939	20.00	ng	0.00
87) Perylene-d12	15.66	264	151222	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	431194	81.60	ng	0.00
7) Phenol-d6	6.57	99	541204	80.09	ng	0.00
23) Nitrobenzene-d5	7.52	82	505965	81.40	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	131965	77.60	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	918110	77.70	ng	0.00
79) Terphenyl-d14	13.06	244	910526	75.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	105988	40.256	ng	90
3) Pyridine	3.57	79	241174	42.438	ng	86
4) n-Nitrosodimethylamine	3.54	42	101291	41.539	ng	92
6) Aniline	6.61	93	348904	39.595	ng	# 54
8) 2-Chlorophenol	6.73	128	246595	39.809	ng	99
9) Benzaldehyde	6.50	77	144509	39.750	ng	95
10) Phenol	6.59	94	311417	39.746	ng	# 66
11) bis(2-Chloroethyl)ether	6.68	93	231609	39.444	ng	93
12) 1,3-Dichlorobenzene	6.89	146	269192	39.717	ng	99
13) 1,4-Dichlorobenzene	6.96	146	269077	39.095	ng	97
14) 1,2-Dichlorobenzene	7.12	146	254132	39.692	ng	99
15) Benzyl Alcohol	7.09	79	212529	40.192	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	364148	39.490	ng	69
17) 2-Methylphenol	7.19	107	194660	39.485	ng	# 82
18) Hexachloroethane	7.46	117	99390	39.116	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	170714	39.579	ng	96
20) 3+4-Methylphenols	7.35	107	251150	39.685	ng	# 90
22) Acetophenone	7.36	105	334677	40.116	ng	# 96
24) Nitrobenzene	7.53	77	256131	40.218	ng	96
25) Isophorone	7.77	82	406968	39.946	ng	96
26) 2-Nitrophenol	7.85	139	132689	41.764	ng	99
27) 2,4-Dimethylphenol	7.87	122	196497	40.610	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	273756	39.687	ng	98
29) 2,4-Dichlorophenol	8.09	162	203871	40.948	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	225595	40.188	ng	95
31) Naphthalene	8.25	128	667035	39.693	ng	99
32) Benzoic acid	8.01	122	149250	43.596	ng	91
33) 4-Chloroaniline	8.30	127	296772	38.988	ng	99
34) Hexachlorobutadiene	8.36	225	126160	39.348	ng	99
35) Caprolactam	8.69	113	67867	40.800	ng	97
36) 4-Chloro-3-methylphenol	8.78	107	217694	40.542	ng	97
37) 2-Methylnaphthalene	8.94	142	438554	39.809	ng	97
38) 1-Methylnaphthalene	8.94	142	438554	41.394	ng	94
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	214078	40.074	ng	99

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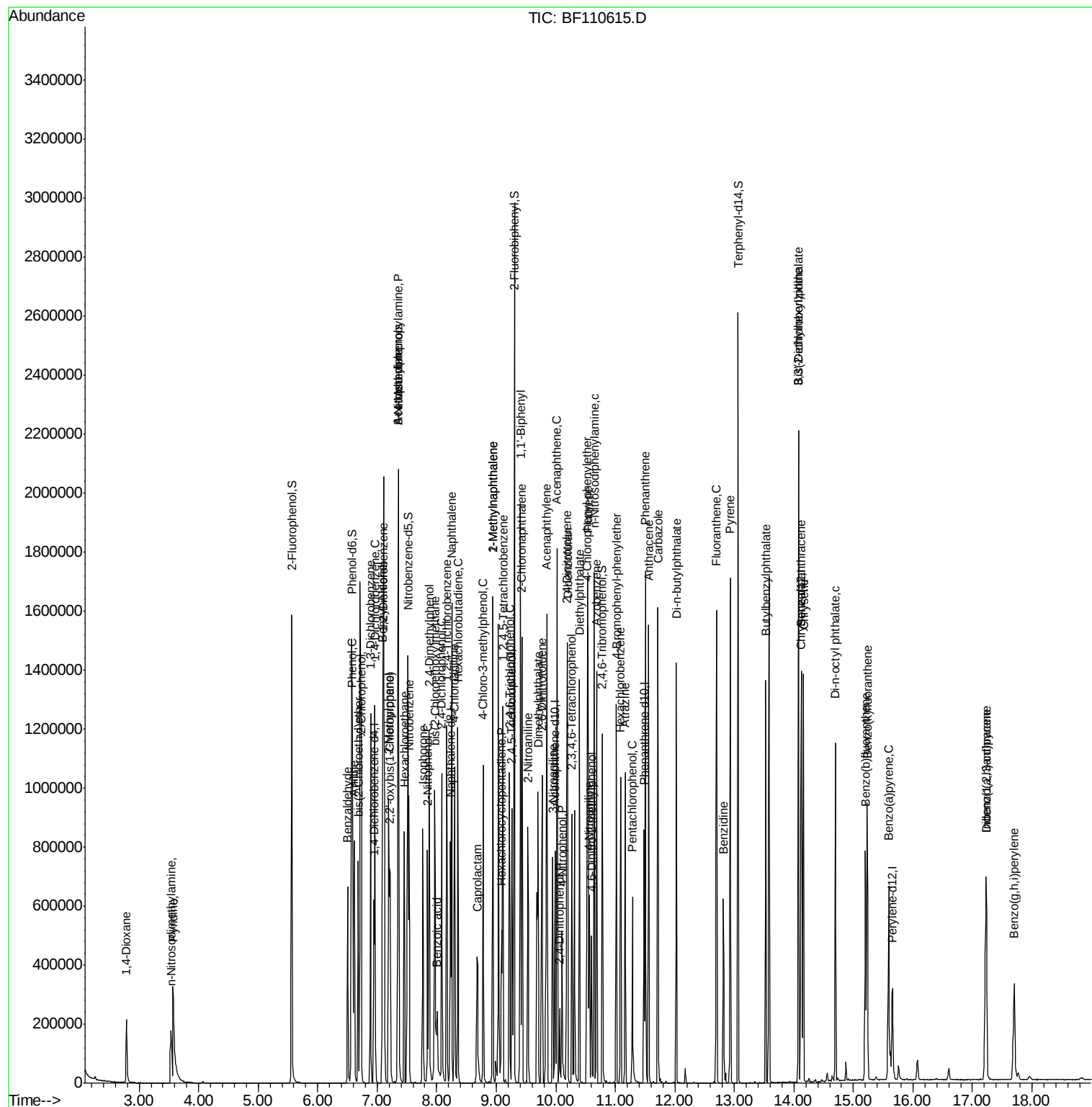
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	65825	36.220	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	134342	40.019	ng	95
44) 2,4,5-Trichlorophenol	9.26	196	143356	40.034	ng	95
46) 1,1'-Biphenyl	9.40	154	621388	39.470	ng	99
47) 2-Chloronaphthalene	9.43	162	449558	39.636	ng	98
48) 2-Nitroaniline	9.53	65	139941	40.038	ng	97
49) Acenaphthylene	9.85	152	643594	39.401	ng	98
50) Dimethylphthalate	9.70	163	481779	38.258	ng	99
51) 2,6-Dinitrotoluene	9.77	165	108579	39.196	ng	98
52) Acenaphthene	10.02	154	401563	38.901	ng	98
53) 3-Nitroaniline	9.95	138	129029	40.204	ng	88
54) 2,4-Dinitrophenol	10.06	184	38118	37.214	ng	90
55) Dibenzofuran	10.20	168	586117	38.809	ng	97
56) 4-Nitrophenol	10.10	139	85166	39.999	ng	97
57) 2,4-Dinitrotoluene	10.19	165	144080	40.002	ng	89
58) Fluorene	10.54	166	448459	38.659	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	110589	39.258	ng	96
60) Diethylphthalate	10.40	149	475537	38.170	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	233403	38.859	ng	95
62) 4-Nitroaniline	10.57	138	127034	39.307	ng	91
63) Azobenzene	10.69	77	474019	38.998	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	59616	38.595	ng	94
66) n-Nitrosodiphenylamine	10.65	169	415866	40.256	ng	98
67) 4-Bromophenyl-phenylether	11.02	248	133183	39.319	ng	# 90
68) Hexachlorobenzene	11.09	284	143105	40.072	ng	98
69) Atrazine	11.17	200	118402	37.484	ng	98
70) Pentachlorophenol	11.29	266	77939	40.901	ng	97
71) Phenanthrene	11.51	178	649136	39.533	ng	99
72) Anthracene	11.56	178	655379	39.567	ng	98
73) Carbazole	11.72	167	639180	40.182	ng	99
74) Di-n-butylphthalate	12.03	149	727320	38.990	ng	98
75) Fluoranthene	12.70	202	653294	39.685	ng	99
77) Benzidine	12.82	184	229087	37.034	ng	98
78) Pyrene	12.93	202	672355	38.820	ng	98
80) Butylbenzylphthalate	13.53	149	292111	39.185	ng	96
81) Benzo(a)anthracene	14.12	228	533272	39.664	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	176251	39.133	ng	98
83) Chrysene	14.16	228	506741	39.562	ng	100
84) Bis(2-ethylhexyl)phthalate	14.08	149	363247	39.280	ng	97
85) Di-n-octyl phthalate	14.70	149	548516	40.335	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	334688	36.412	ng	98
88) Benzo(b)fluoranthene	15.20	252	372280	41.151	ng	100
89) Benzo(k)fluoranthene	15.23	252	379973	42.507	ng	98
90) Benzo(a)pyrene	15.59	252	331156	40.289	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	276399	39.737	ng	98
92) Benzo(g,h,i)perylene	17.70	276	276424	40.054	ng	98

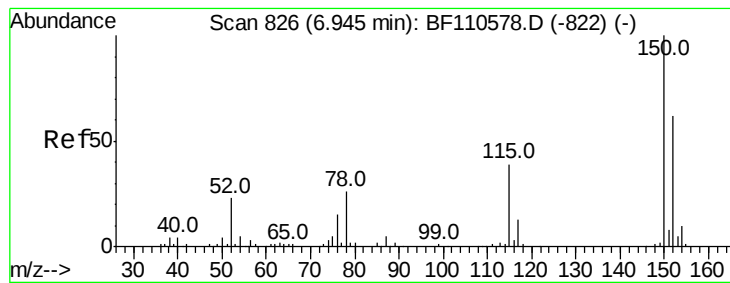
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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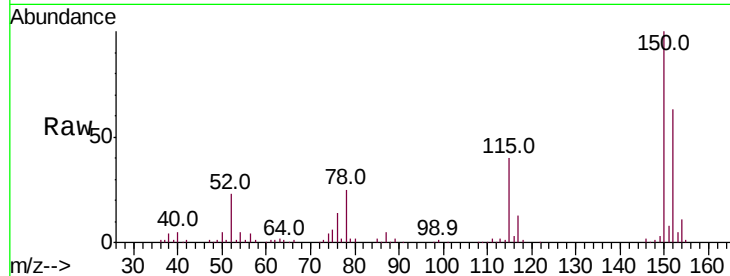


#1

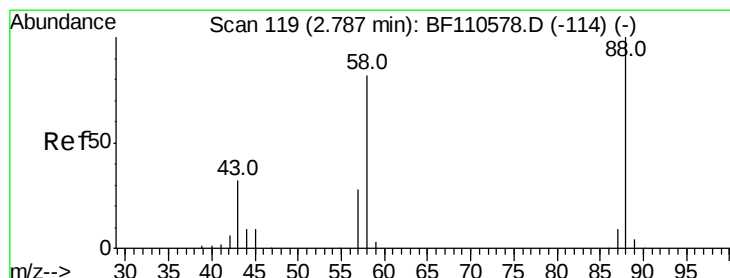
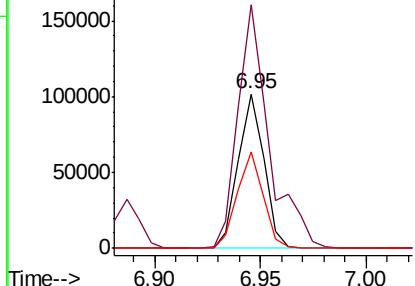
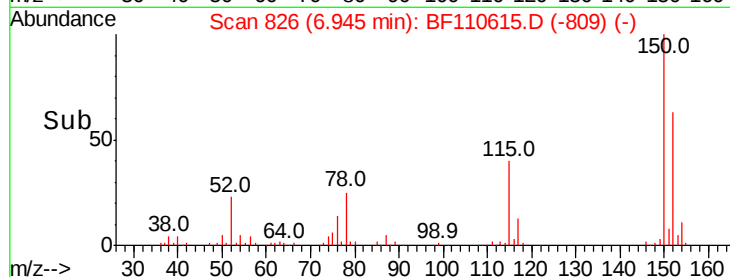
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85831
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 63.0 49.1 73.7



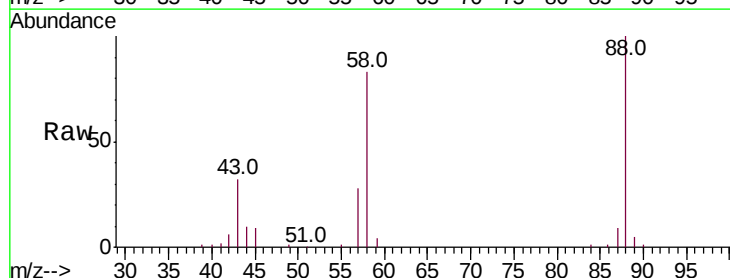
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



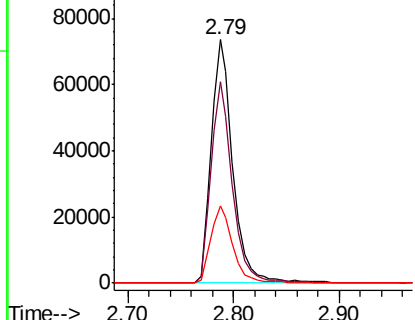
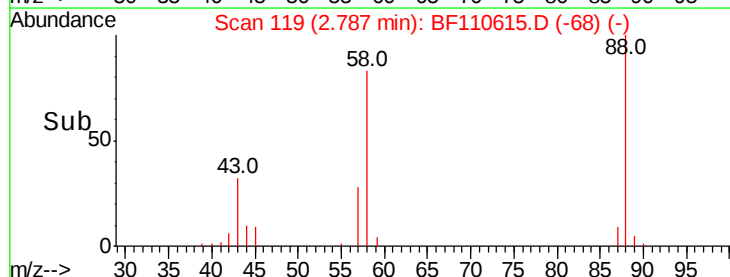
#2

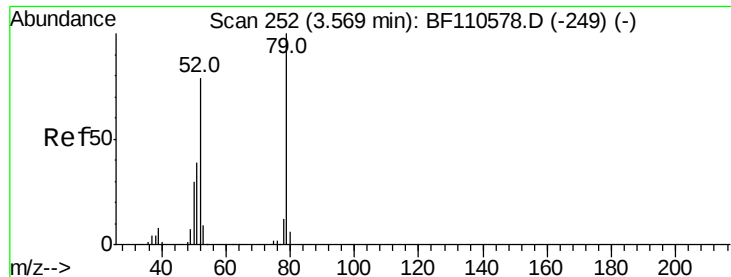
1,4-Dioxane
Concen: 40.256 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion: 88 Resp: 105988
Ion Ratio Lower Upper
88 100
58 81.4 57.1 85.7
43 32.1 24.1 36.1



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: 42.438 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampled :

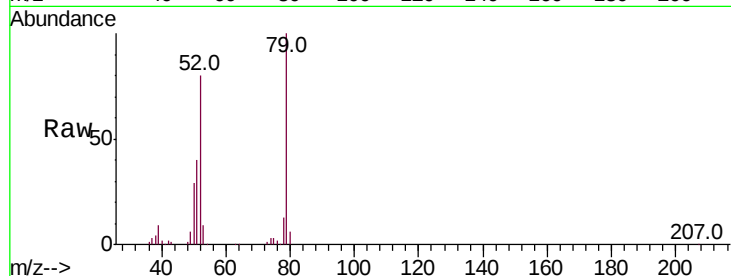
Tot Ion: 79 Resp: 241174

Ion Ratio Lower Upper

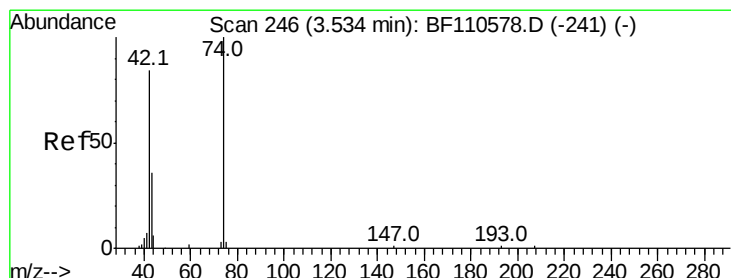
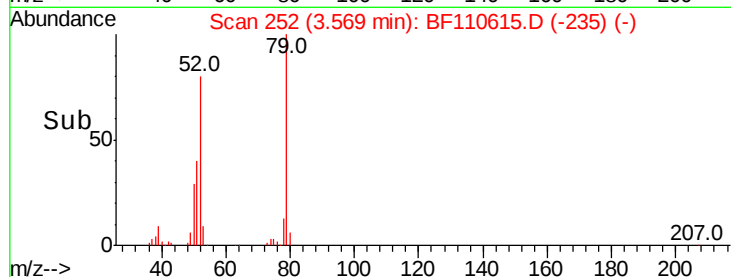
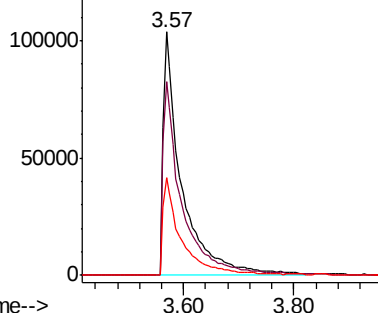
79 100

52 79.6 53.1 79.7

51 40.0 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 41.539 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

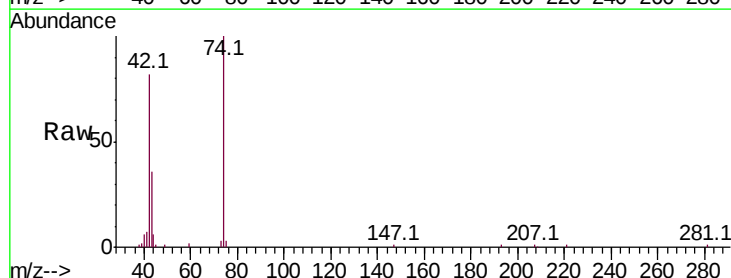
Tgt Ion: 42 Resp: 101291

Ion Ratio Lower Upper

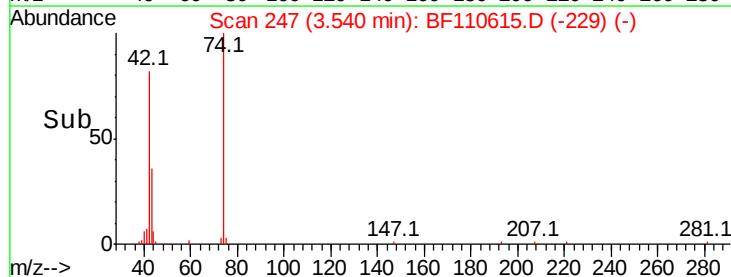
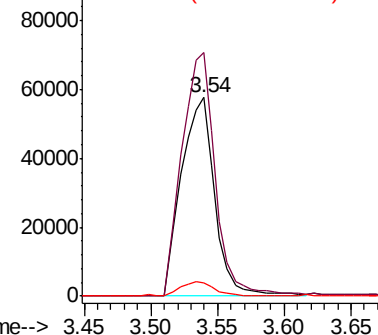
42 100

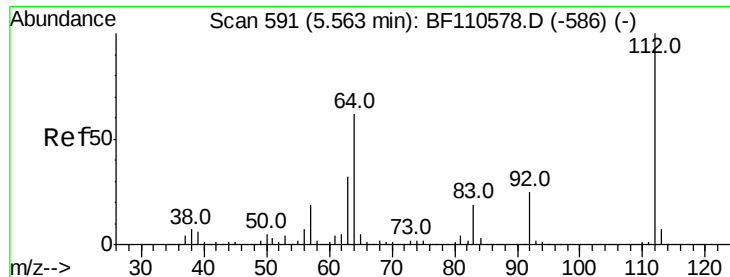
74 122.5 105.5 158.3

44 6.8 4.9 7.3



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





#5

2-Fluorophenol

Concen: 81.602 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampled :

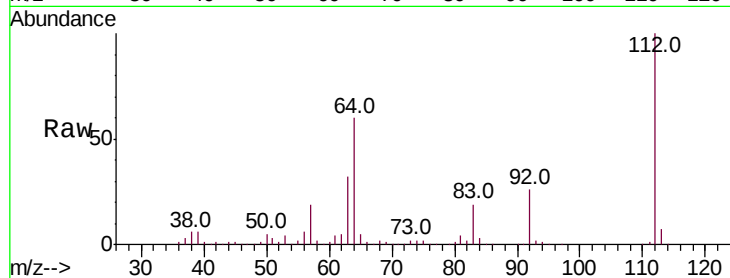
Tot Ion:112 Resp: 431194

Ion Ratio Lower Upper

112 100

64 60.0 44.1 66.1

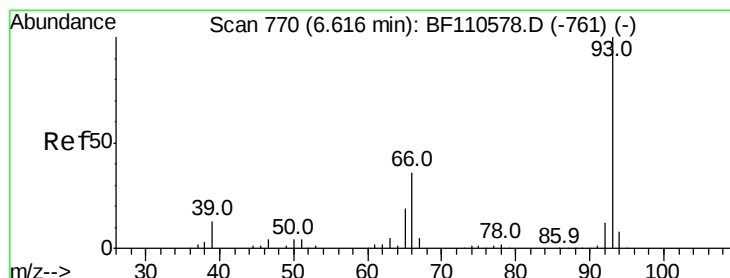
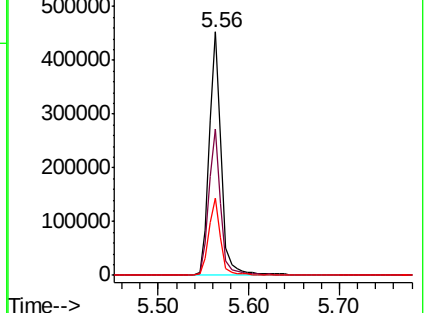
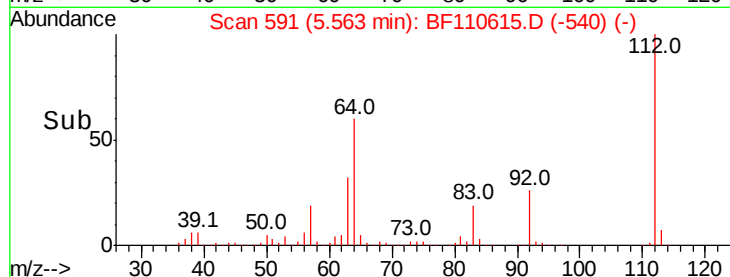
63 31.7 23.7 35.5



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: 39.595 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

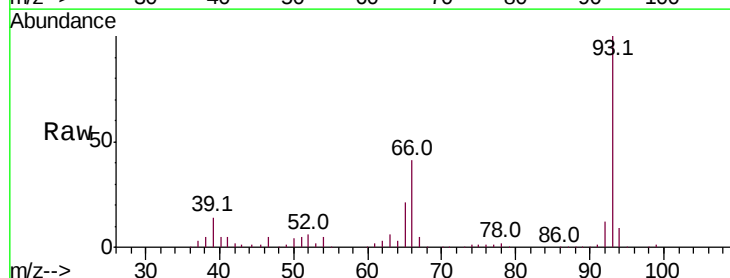
Tgt Ion: 93 Resp: 348904

Ion Ratio Lower Upper

93 100

66 41.3 67.4 101.0#

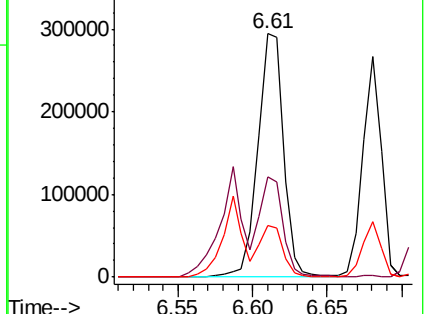
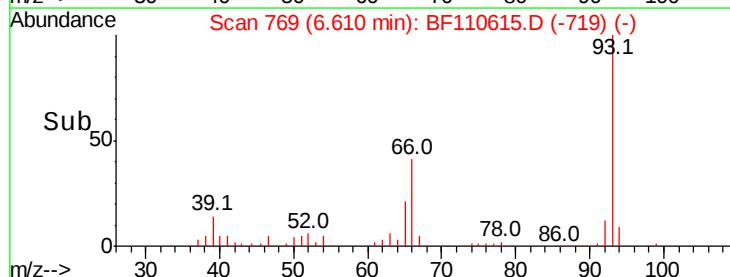
65 21.3 41.0 61.4#

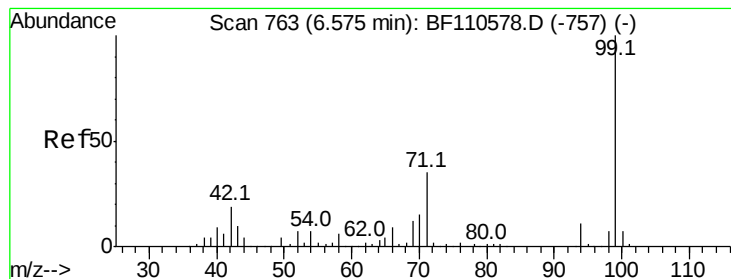


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.094 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110615.D

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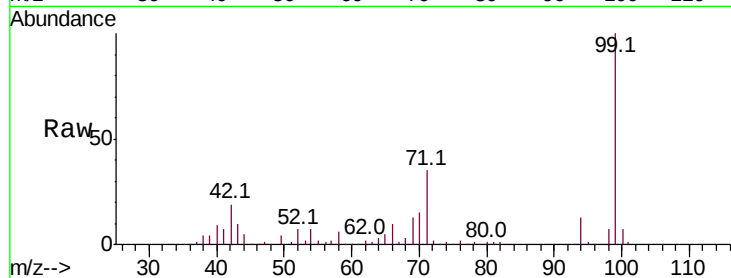
Tot Ion: 99 Resp: 541204

Ion Ratio Lower Upper

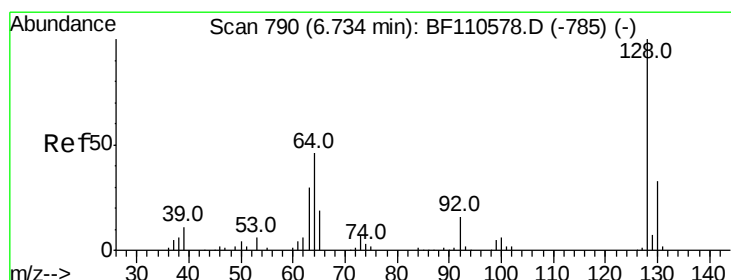
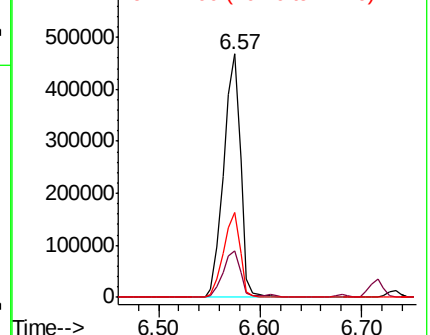
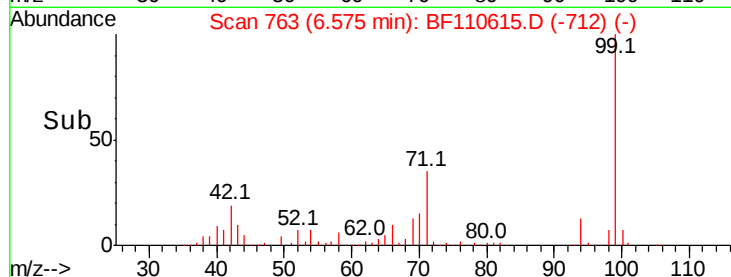
99 100

42 19.1 15.8 23.6

71 34.8 28.0 42.0



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: 39.809 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

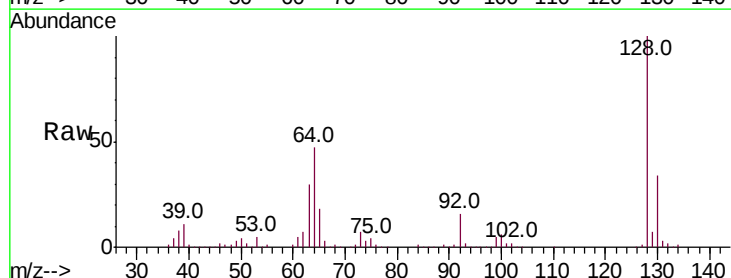
Tgt Ion: 128 Resp: 246595

Ion Ratio Lower Upper

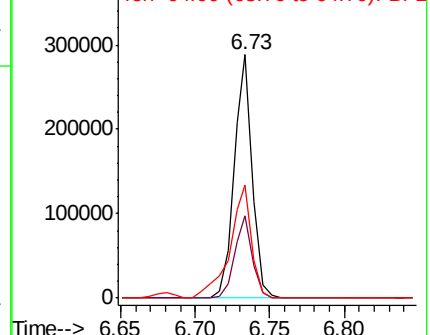
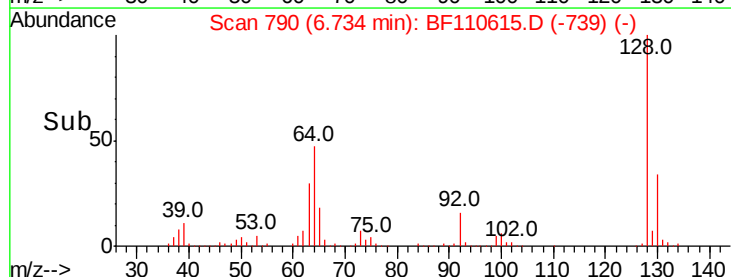
128 100

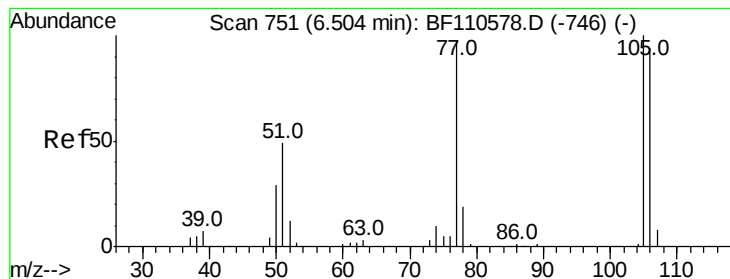
130 33.7 13.1 53.1

64 46.7 26.0 66.0



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: 39.750 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

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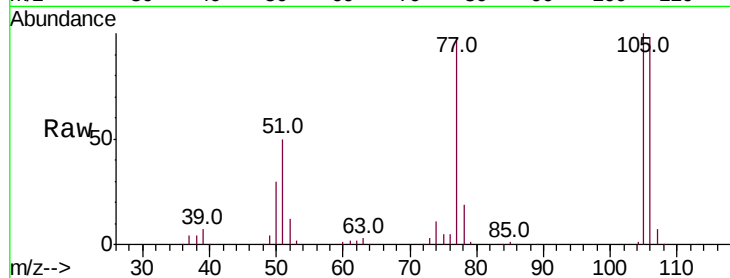
Tot Ion: 77 Resp: 144509

Ion Ratio Lower Upper

77 100

105 102.5 78.6 118.6

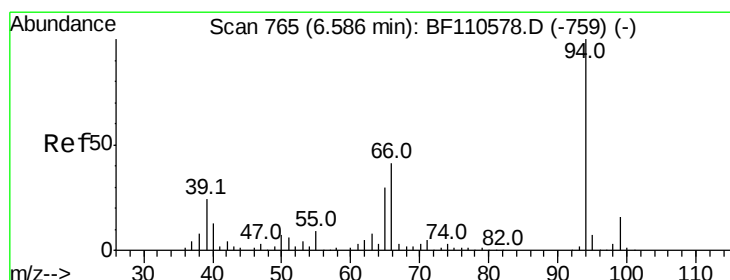
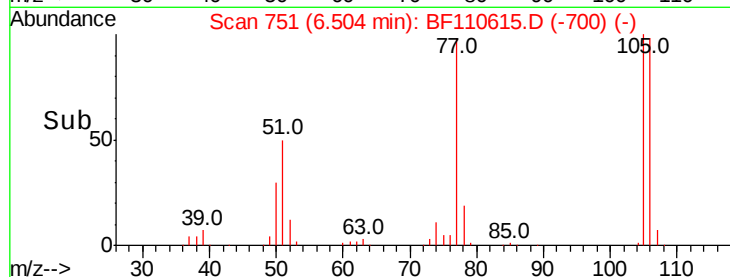
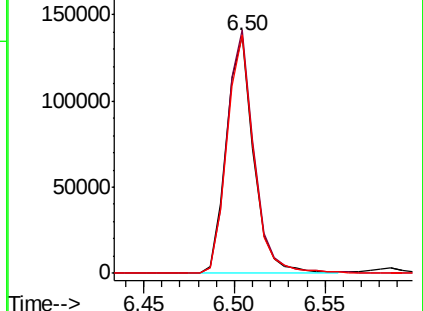
106 100.2 74.8 114.8



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: 39.746 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

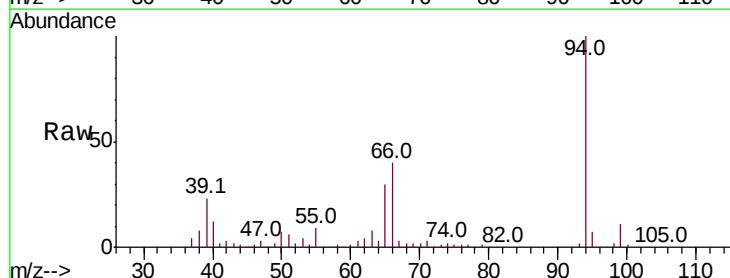
Tgt Ion: 94 Resp: 311417

Ion Ratio Lower Upper

94 100

65 29.7 25.3 65.3

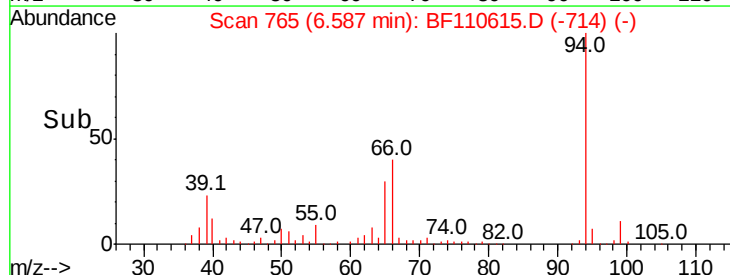
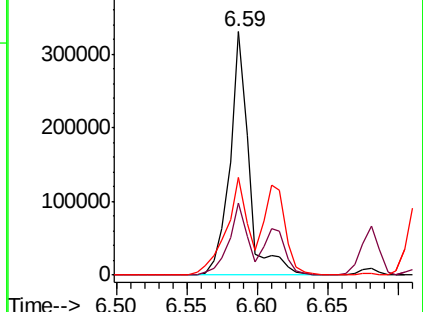
66 40.2 54.5 94.5#

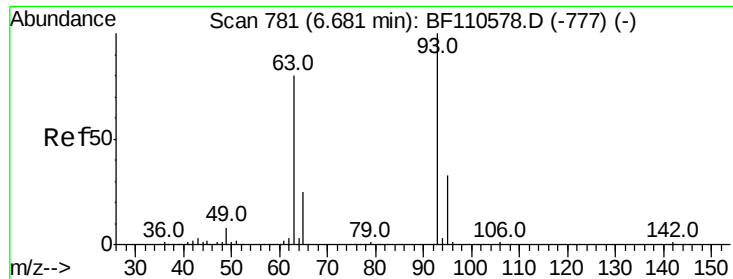


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

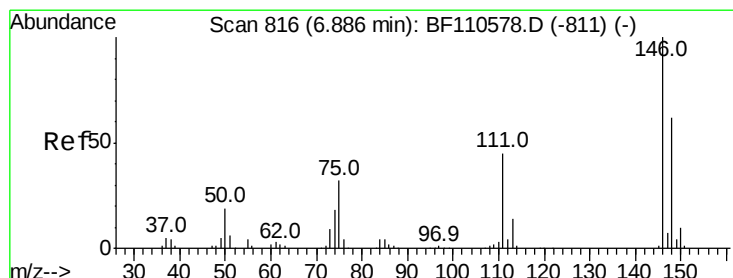
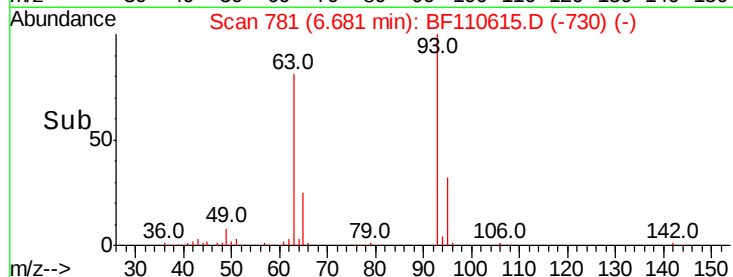
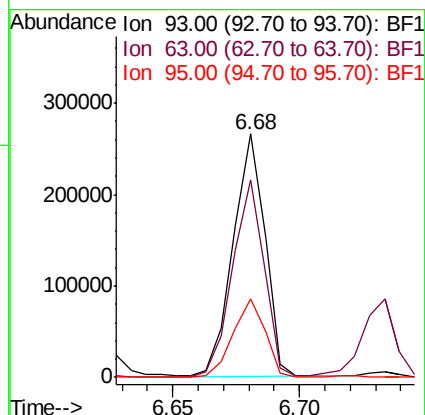
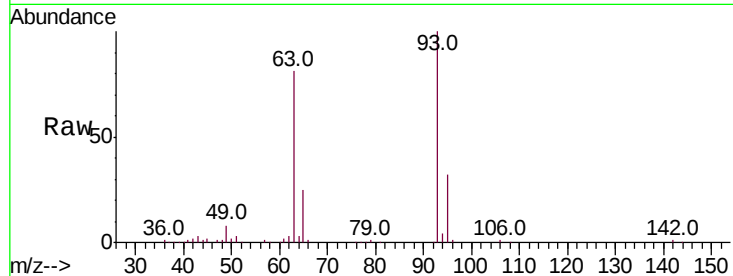




#11
bis(2-Chloroethyl)ether
Concen: 39.444 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

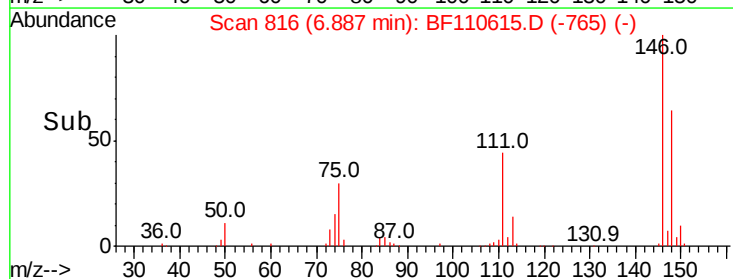
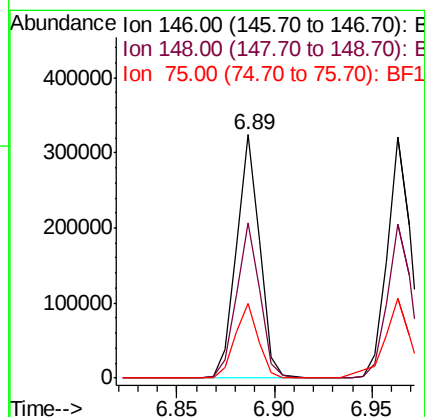
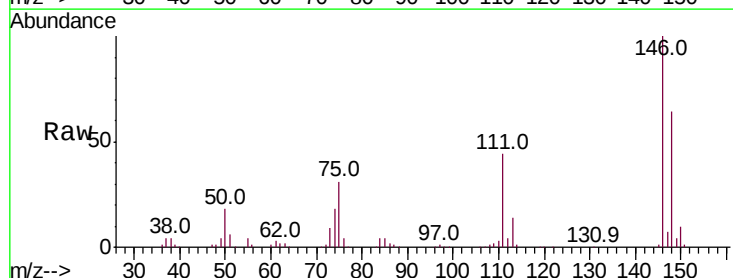
Instrument :
BNA_F
ClientSampleId :

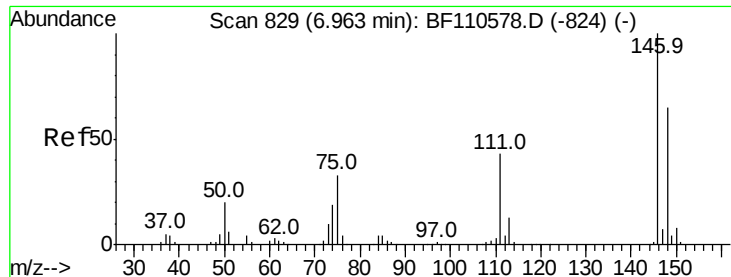
Tot Ion: 93 Resp: 231609
Ion Ratio Lower Upper
93 100
63 81.3 53.4 93.4
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.717 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion: 146 Resp: 269192
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
75 30.9 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.095 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampled :

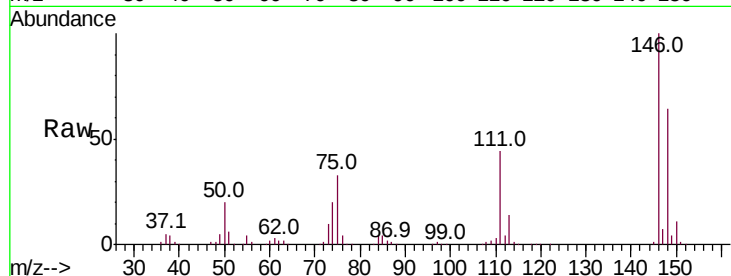
Tot Ion:146 Resp: 269077

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

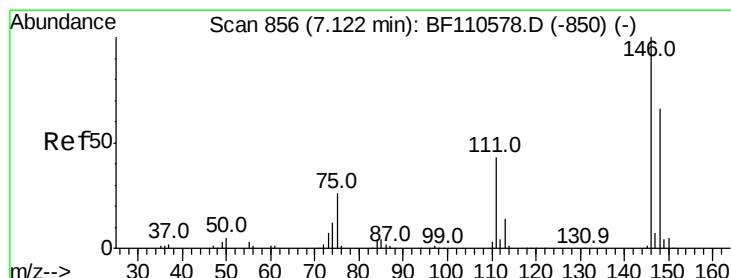
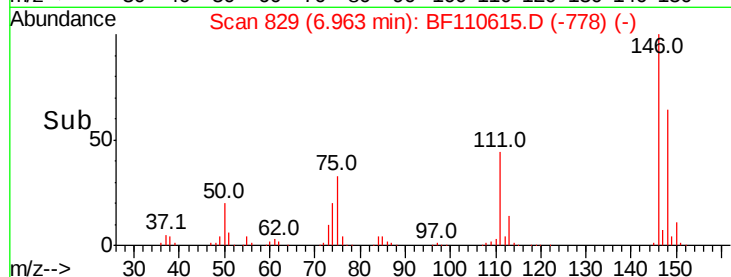
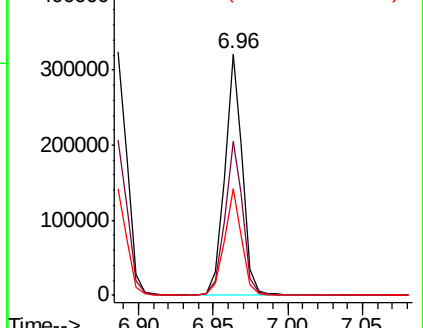
111 44.2 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.692 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

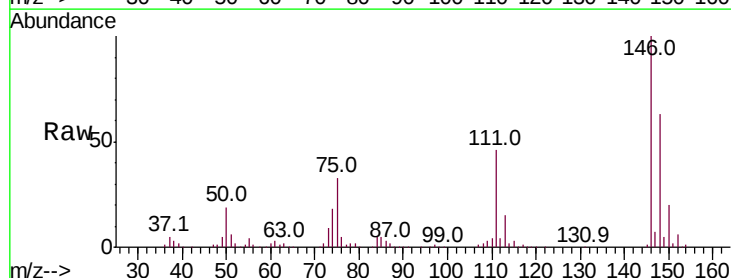
Tgt Ion:146 Resp: 254132

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

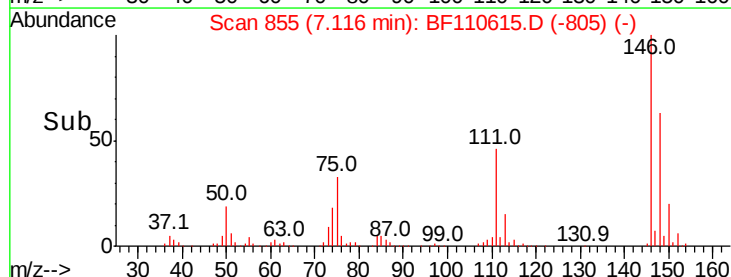
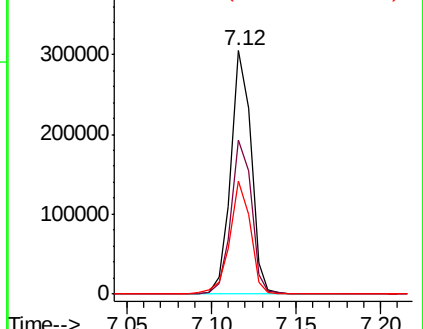
111 46.5 35.8 53.6

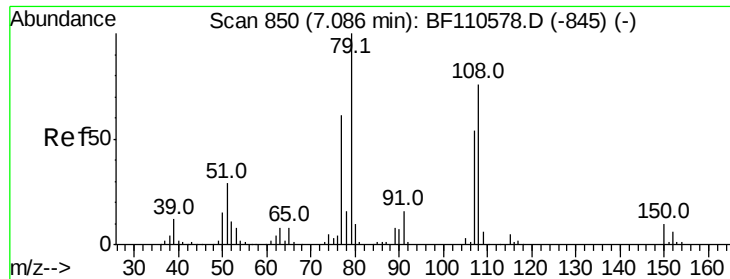


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.192 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

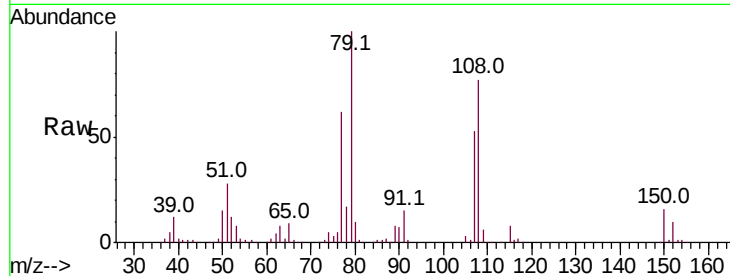
Tot Ion: 79 Resp: 212529

Ion Ratio Lower Upper

79 100

108 77.0 56.3 84.5

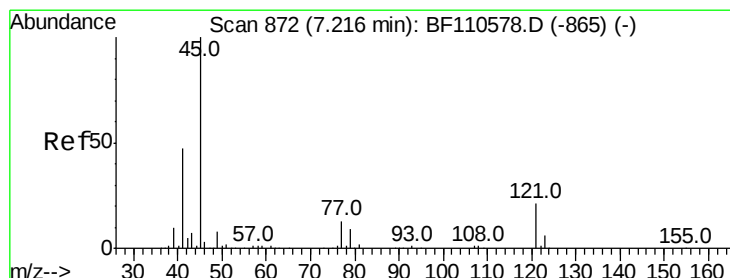
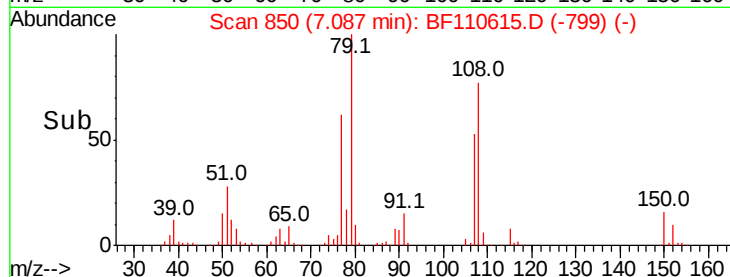
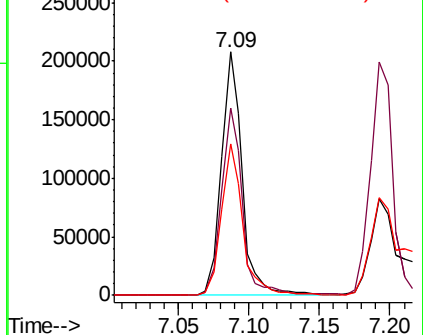
77 62.0 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.490 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

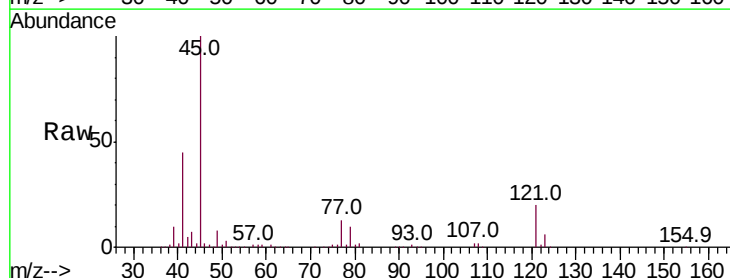
Tgt Ion: 45 Resp: 364148

Ion Ratio Lower Upper

45 100

77 13.4 10.0 50.0

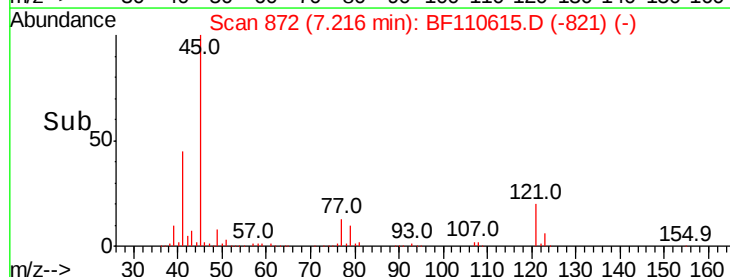
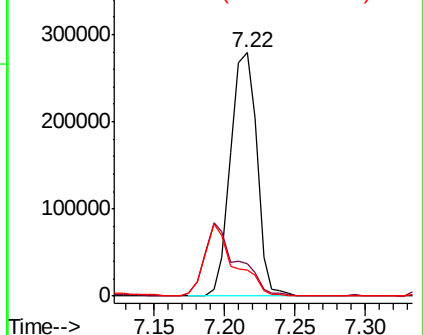
79 10.5 6.1 46.1

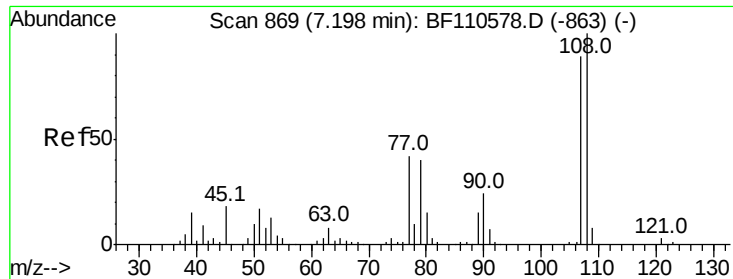


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.485 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 194660

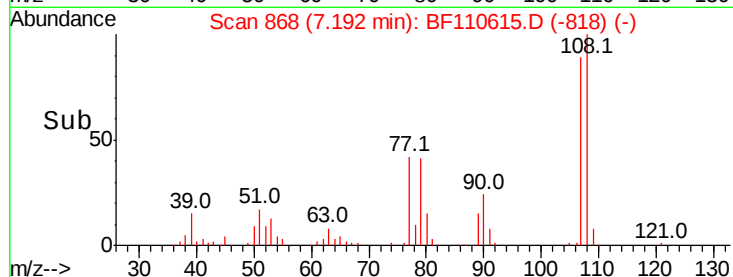
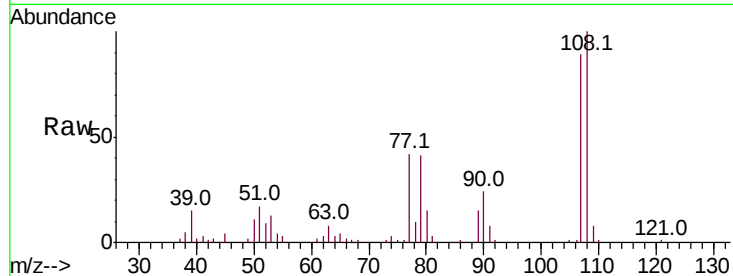
Ion Ratio Lower Upper

107 100

108 112.3 92.6 138.8

77 47.2 59.4 89.2#

79 46.1 54.0 81.0#



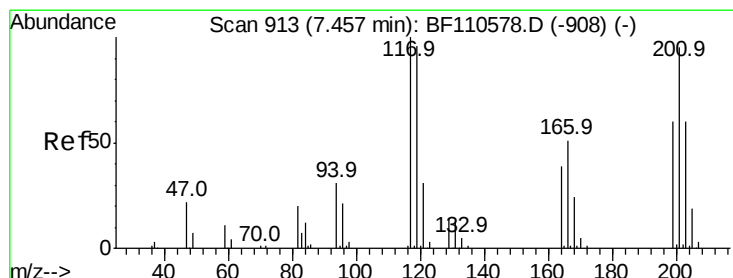
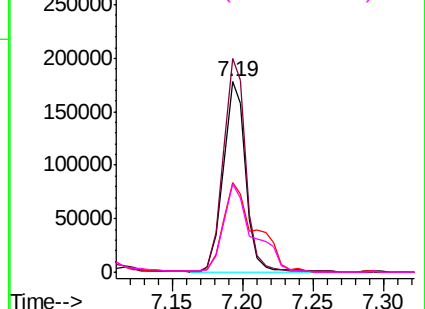
Abundance

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: 39.116 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

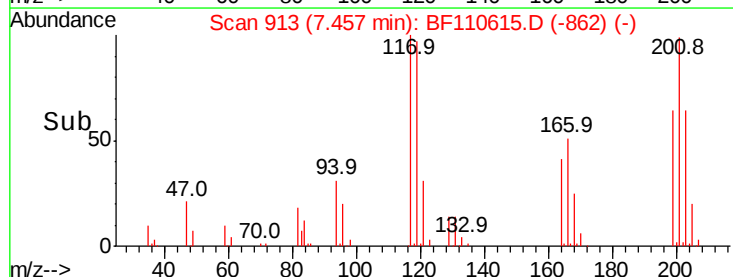
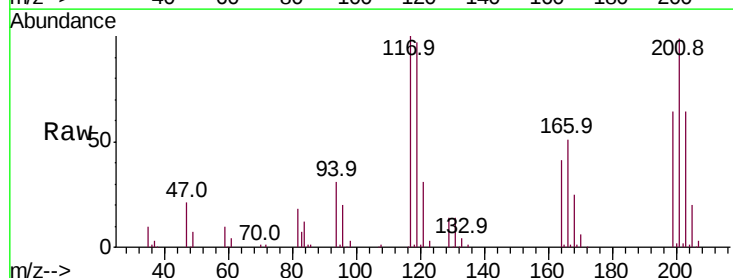
Tgt Ion:117 Resp: 99390

Ion Ratio Lower Upper

117 100

119 96.5 75.0 112.6

201 99.3 79.2 118.8

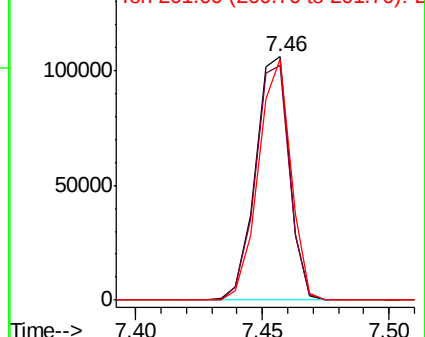


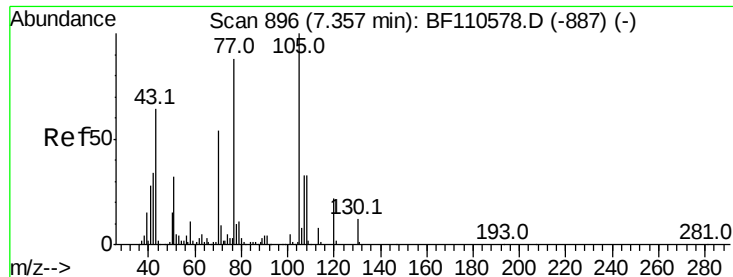
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

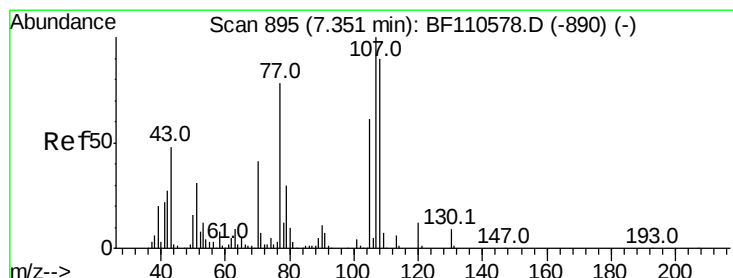
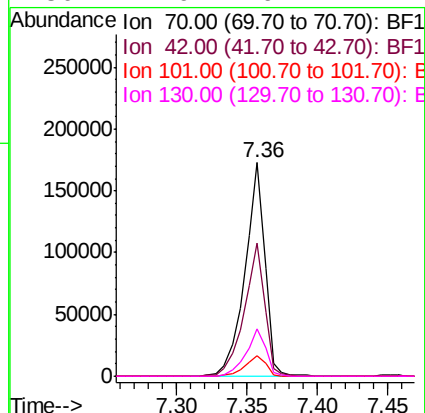
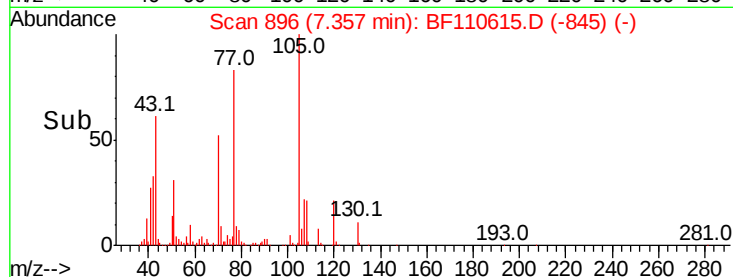
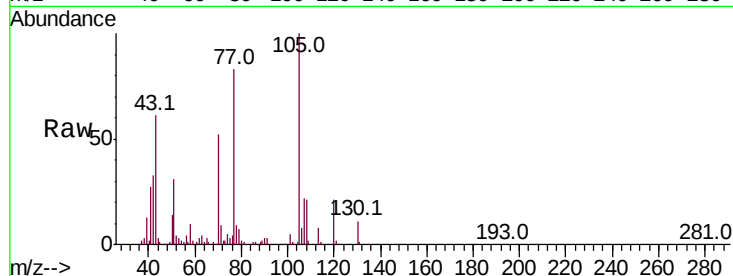




#19
n-Nitroso-di-n-propylamine
Concen: 39.579 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

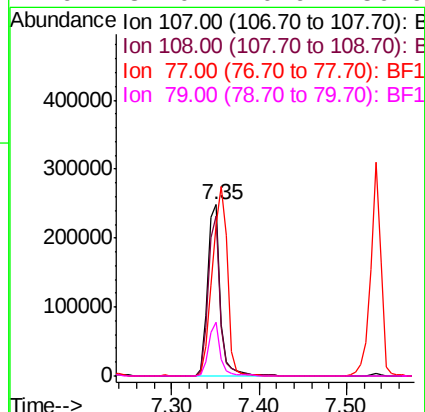
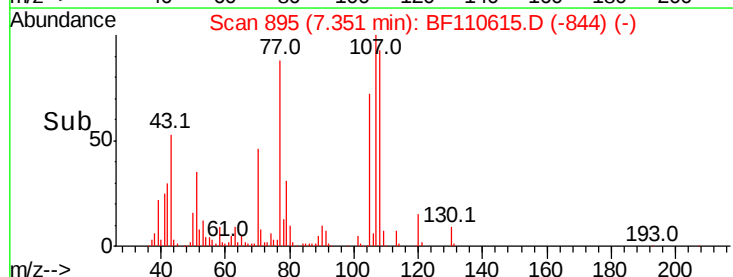
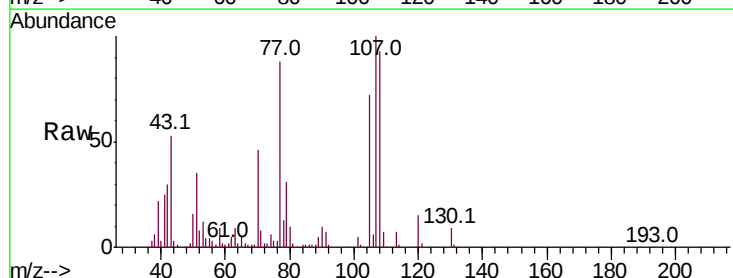
Instrument :
BNA_F
ClientSampled :

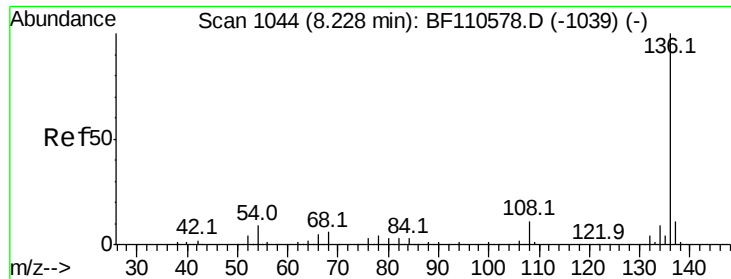
Tot Ion:	70	Resp:	170714
Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.4	71.2
101	9.8	7.3	10.9
130	21.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion:	107	Resp:	251150
Ion	Ratio	Lower	Upper
107	100		
108	93.2	71.4	111.4
77	88.4	47.3	87.3#
79	31.0	10.9	50.9

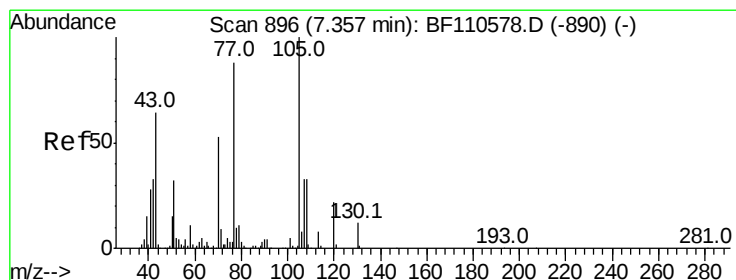
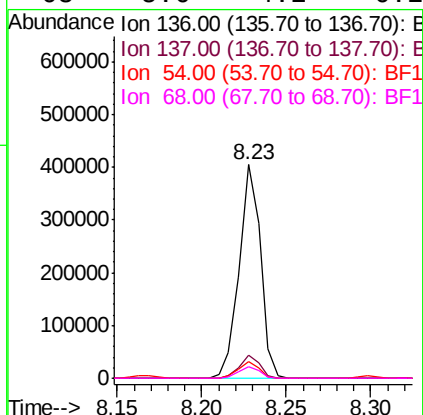
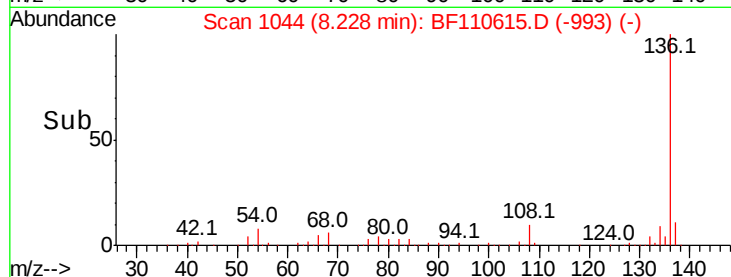
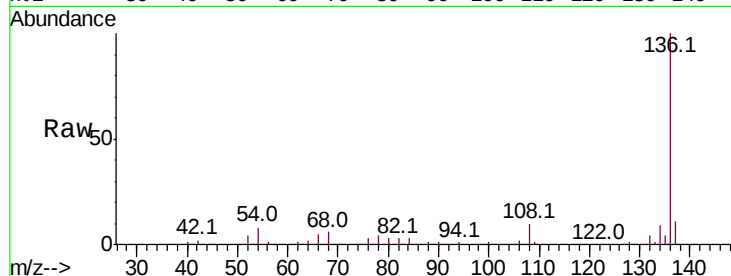




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

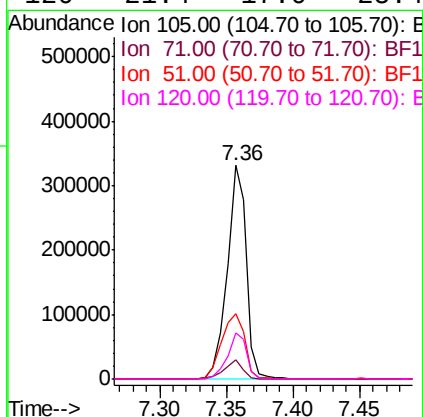
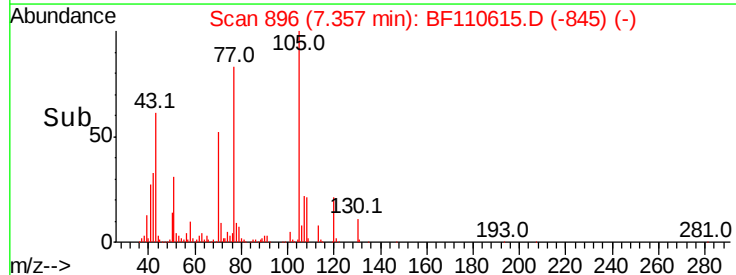
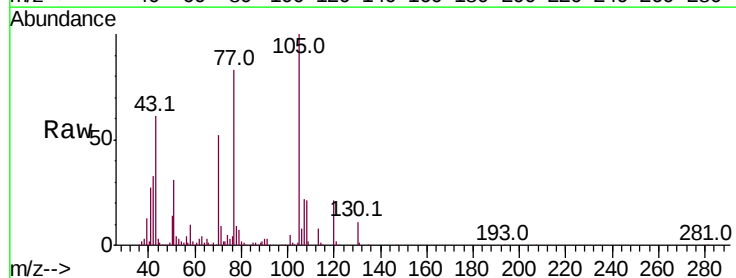
Instrument :
BNA_F
ClientSampleId :

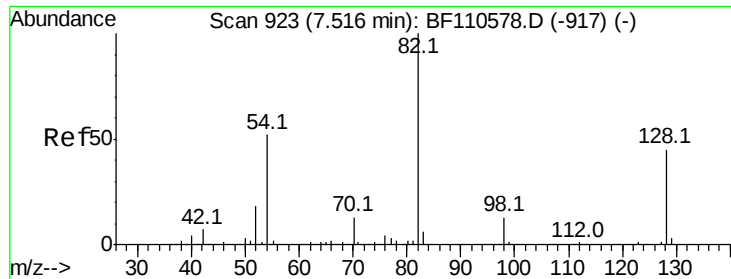
Tot Ion:136	Resp:	357971
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	8.1	5.4 8.2
68	5.6	4.2 6.2



#22
Acetophenone
Concen: 40.116 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion:105	Resp:	334677
Ion Ratio	Lower	Upper
105	100	
71	8.9	5.2 7.8#
51	30.5	21.8 32.8
120	21.4	17.0 25.4

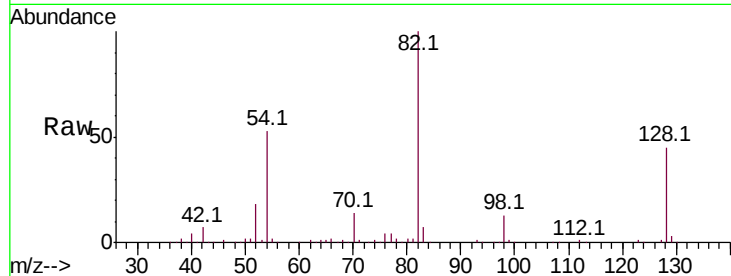




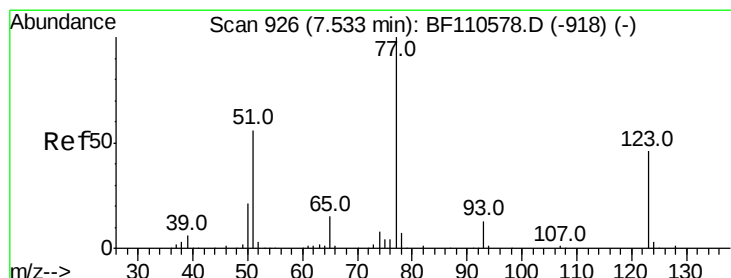
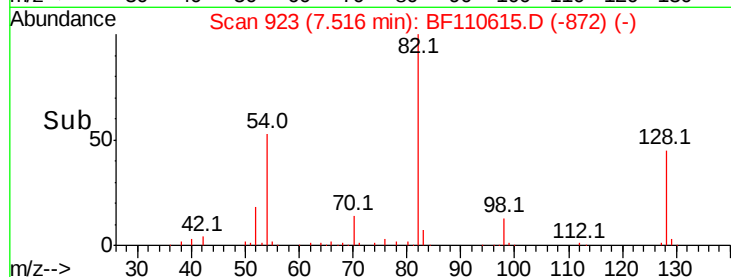
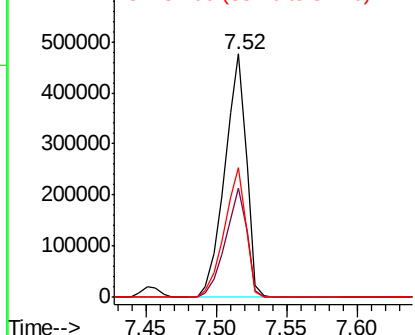
#23
Nitrobenzene-d5
Concen: 81.398 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	53.2	38.6	58.0

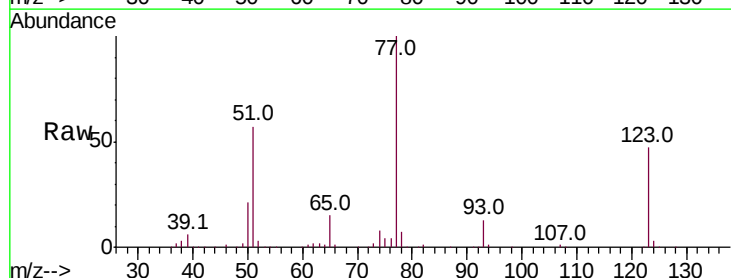


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

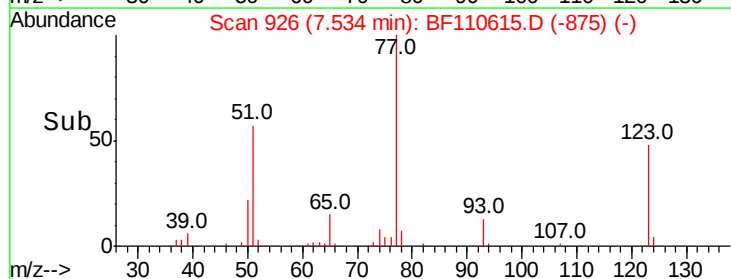
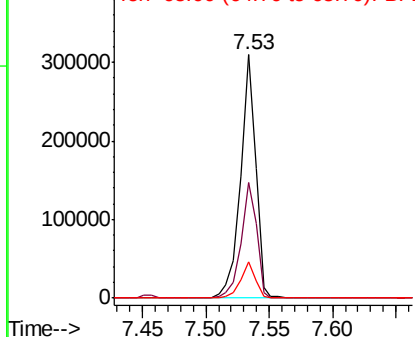


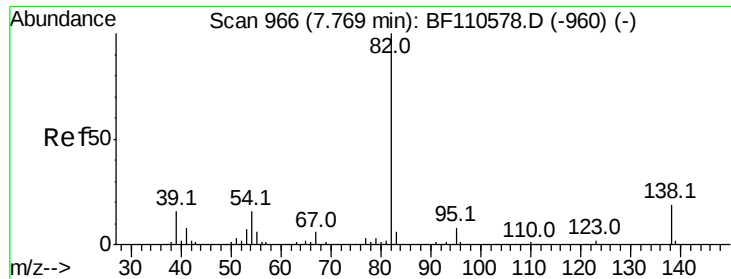
#24
Nitrobenzene
Concen: 40.218 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.7	53.5
65	14.8	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.946 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

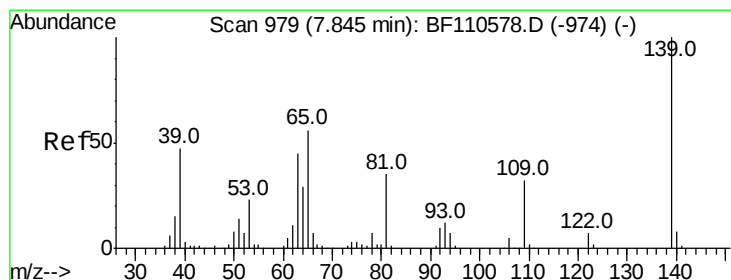
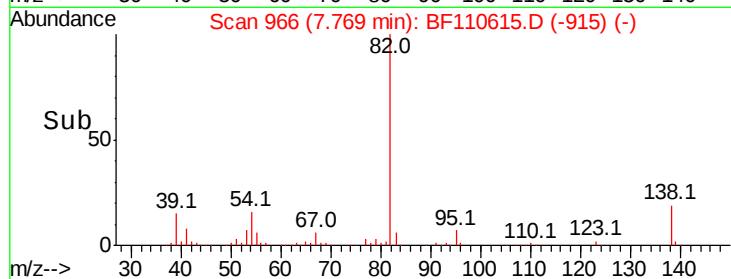
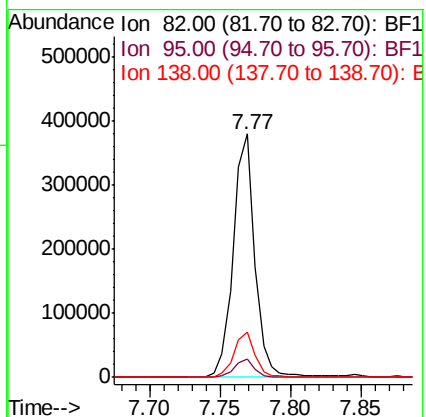
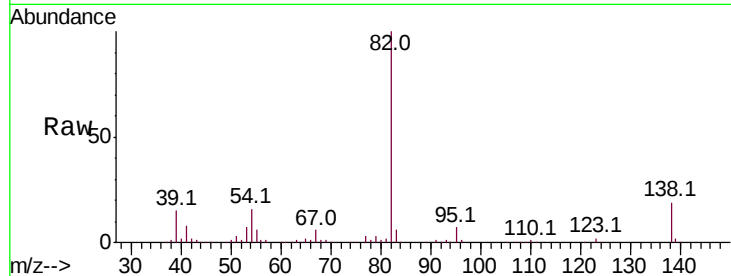
Tot Ion: 82 Resp: 406968

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 18.8 13.2 19.8



#26

2-Nitrophenol

Concen: 41.764 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

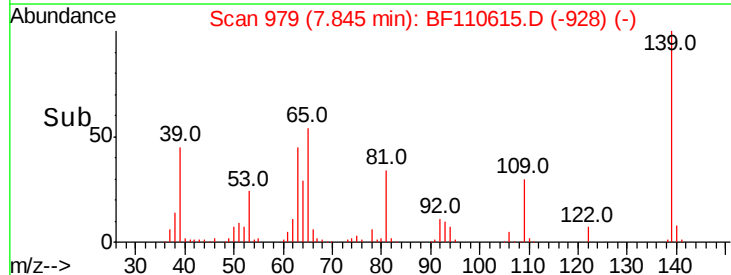
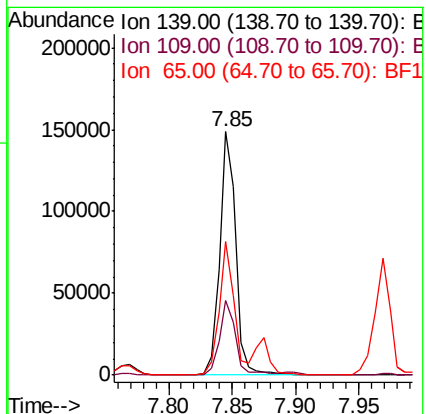
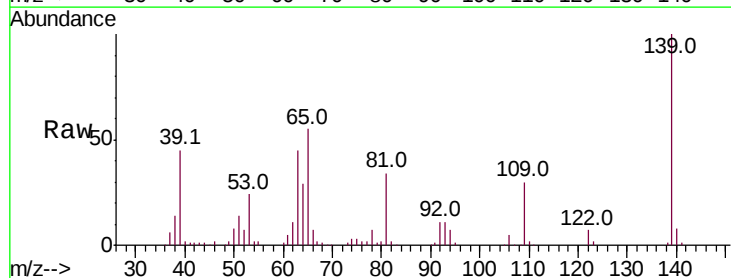
Tgt Ion: 139 Resp: 132689

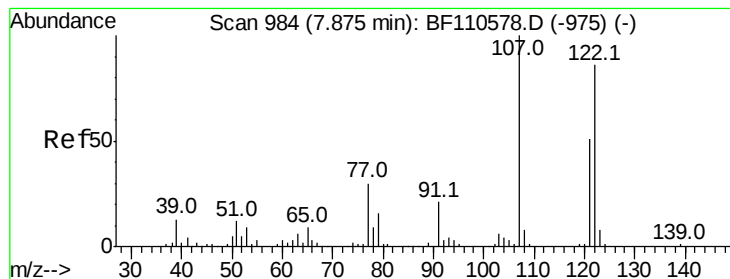
Ion Ratio Lower Upper

139 100

109 30.5 25.0 37.6

65 55.1 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 40.610 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

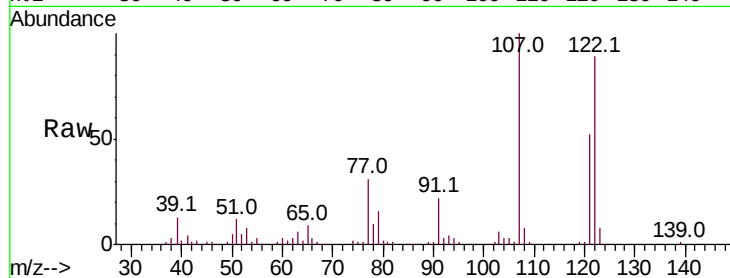
Tot Ion:122 Resp: 196497

Ion Ratio Lower Upper

122 100

107 113.0 92.5 138.7

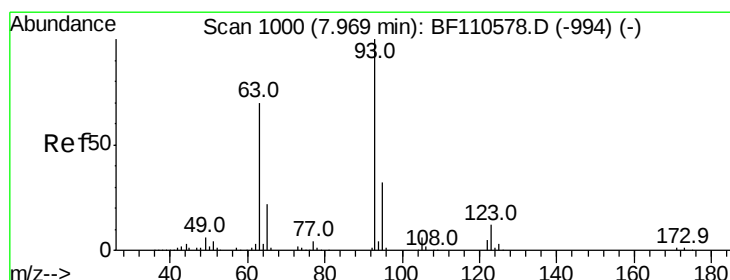
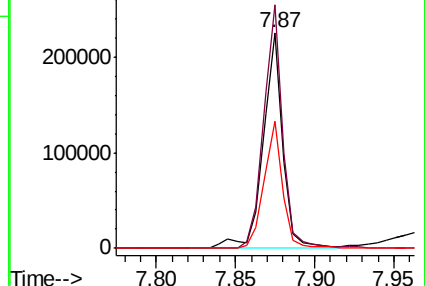
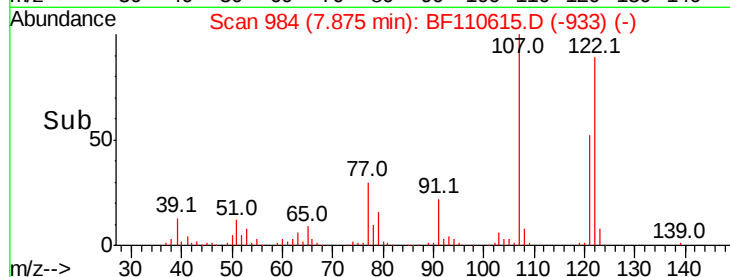
121 59.0 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.687 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

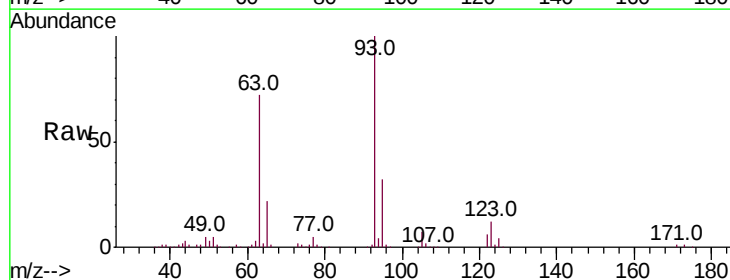
Tgt Ion: 93 Resp: 273756

Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

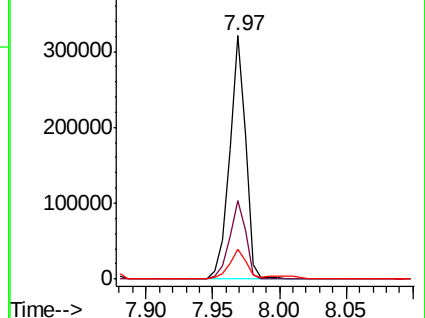
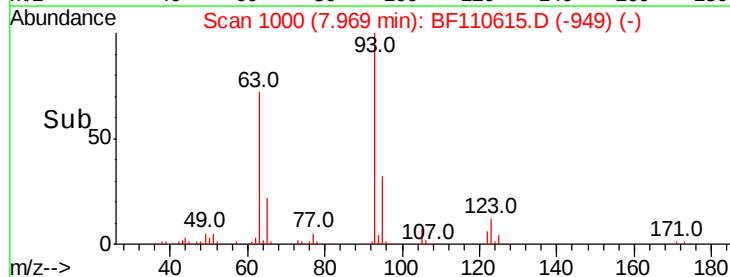
123 12.1 9.0 13.6

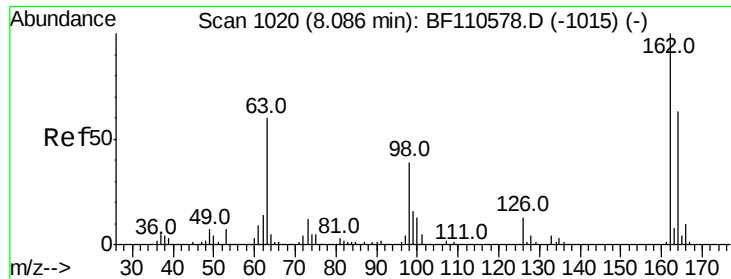


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

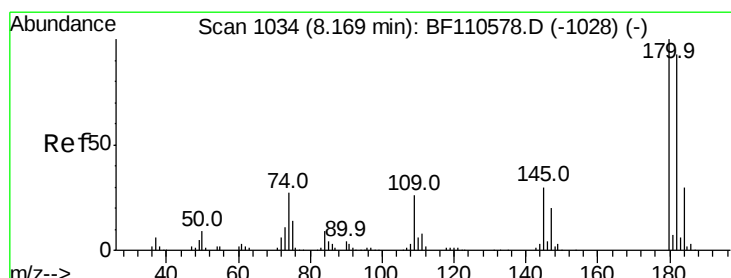
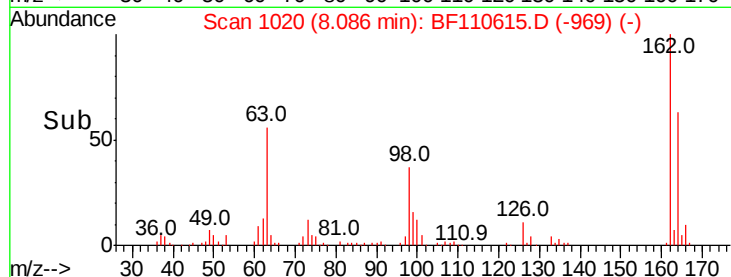
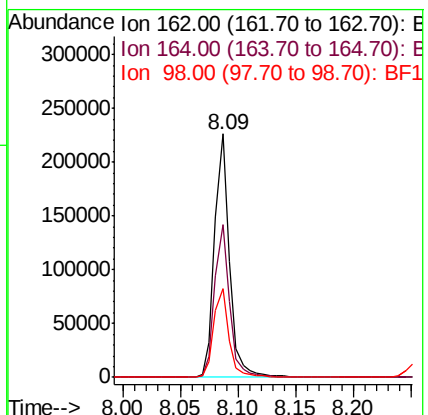
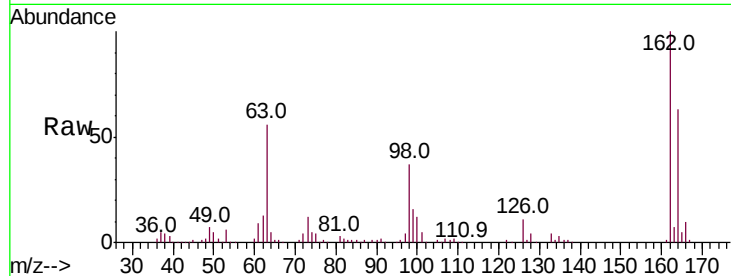




#29
 2,4-Dichlorophenol
 Concen: 40.948 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

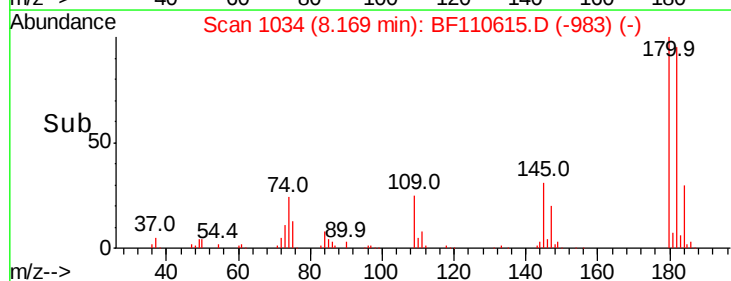
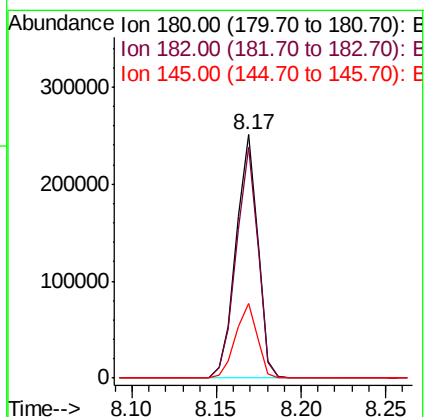
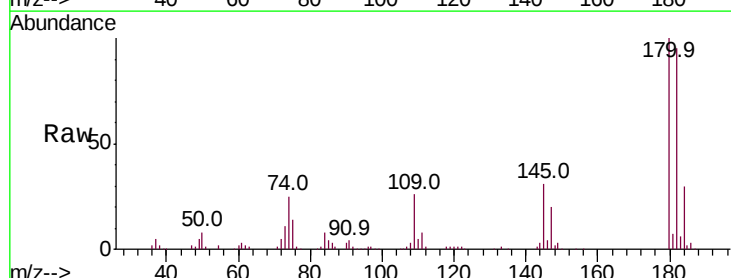
Instrument :
 BNA_F
 ClientSampleId :

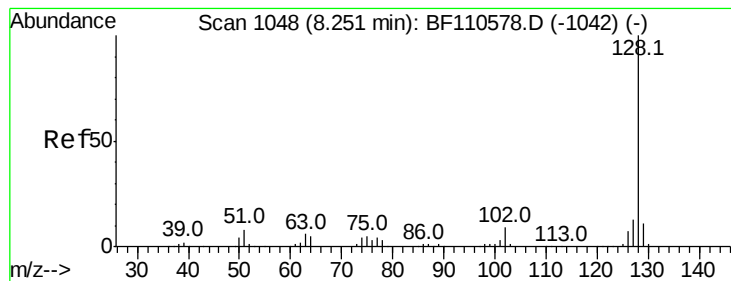
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	36.7	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.188 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	80.3	120.5
145	30.7	25.4	38.0





#31

Naphthalene

Concen: 39.693 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampled :

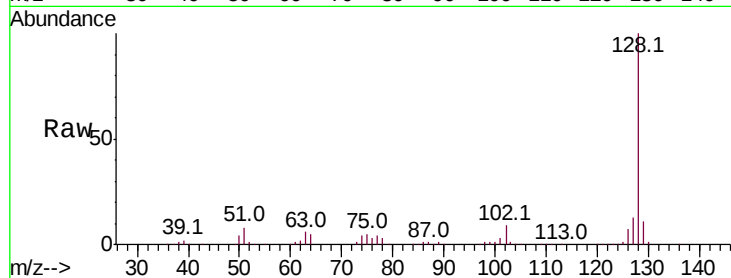
Tot Ion:128 Resp: 667035

Ion Ratio Lower Upper

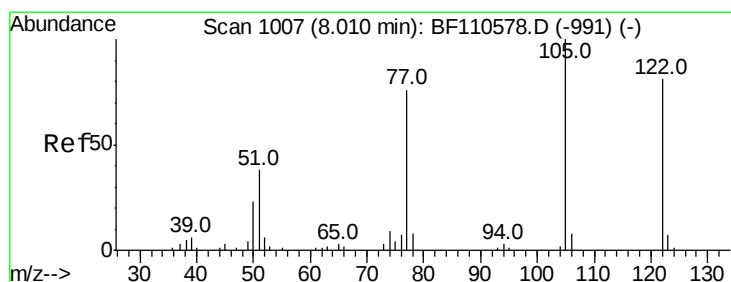
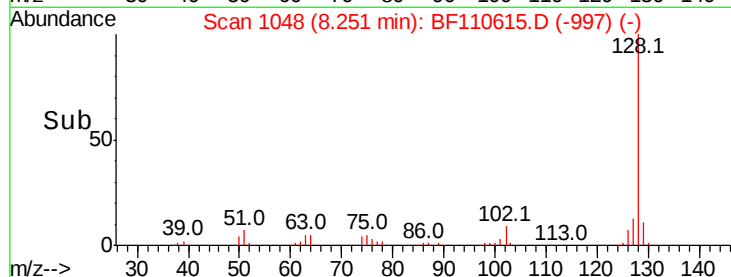
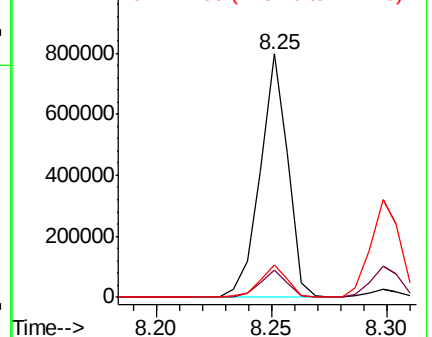
128 100

129 11.1 8.8 13.2

127 13.2 10.8 16.2



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: 43.596 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

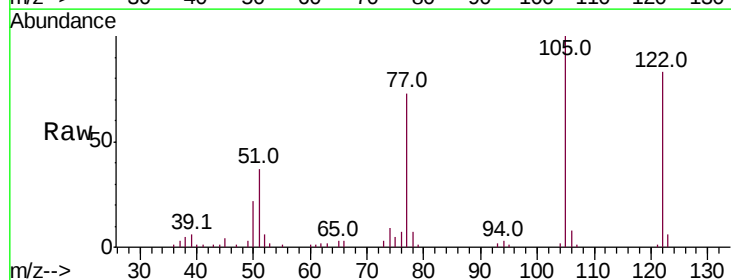
Tgt Ion:122 Resp: 149250

Ion Ratio Lower Upper

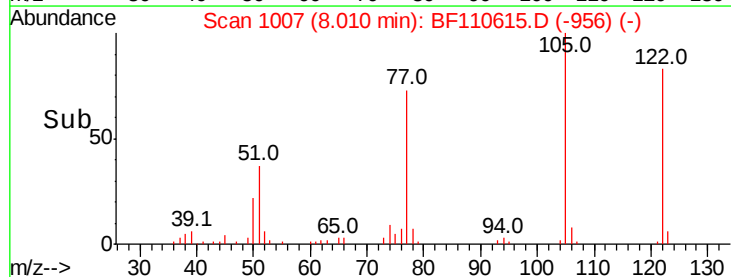
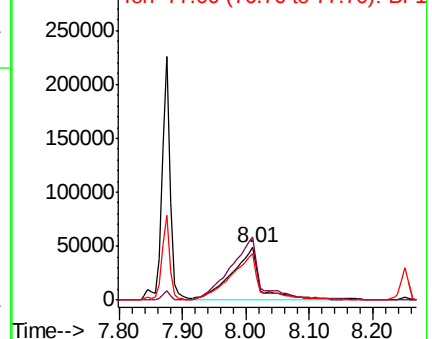
122 100

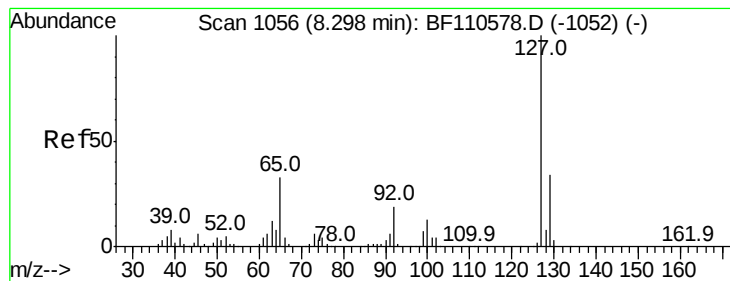
105 120.1 109.0 149.0

77 87.8 79.0 119.0



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: 38.988 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 296772

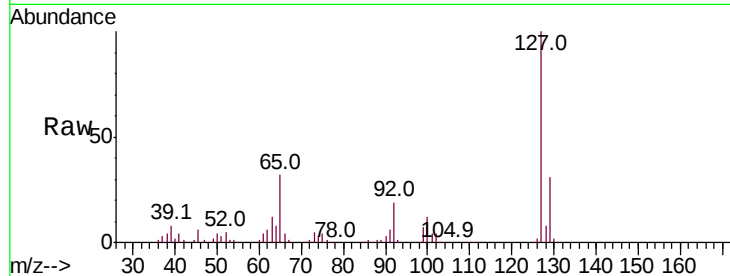
Ion Ratio Lower Upper

127 100

129 31.4 26.0 39.0

65 31.6 25.1 37.7

92 19.3 15.0 22.6

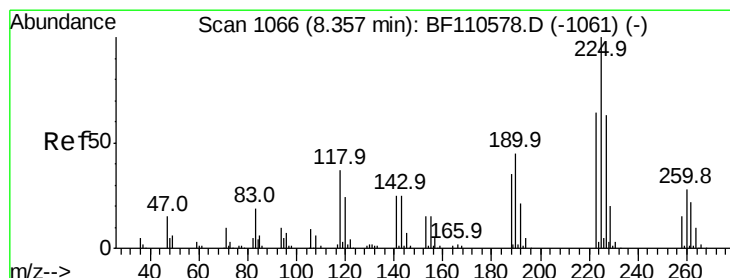
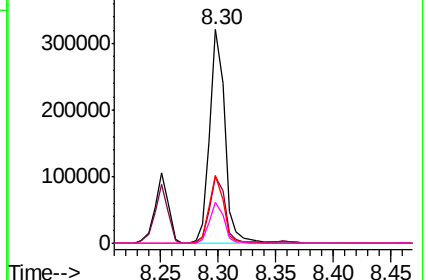
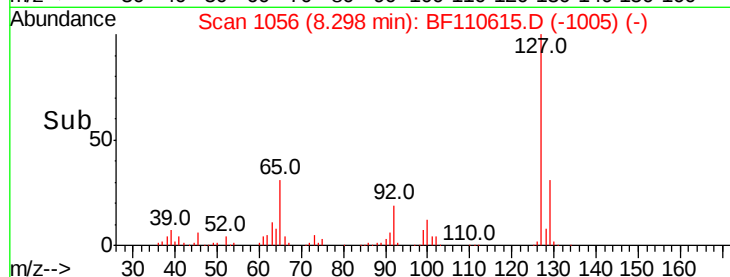


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.348 ng

RT: 8.36 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

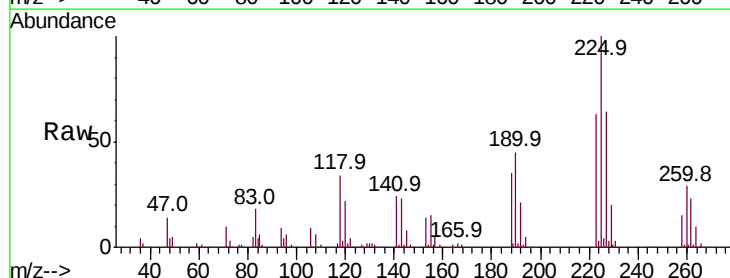
Tgt Ion:225 Resp: 126160

Ion Ratio Lower Upper

225 100

223 63.1 51.4 77.2

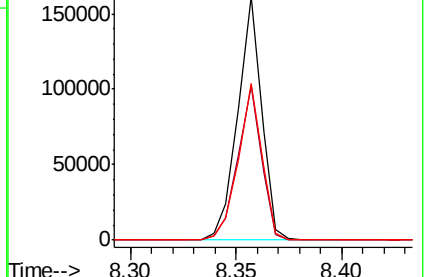
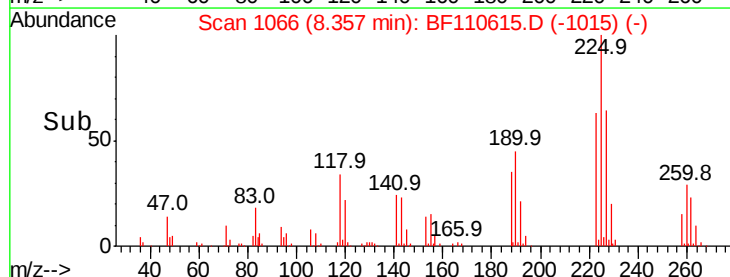
227 64.2 51.0 76.6

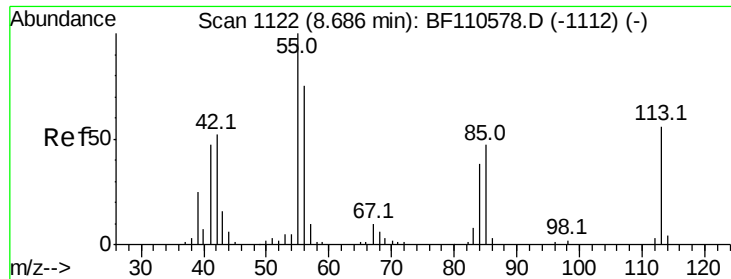


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

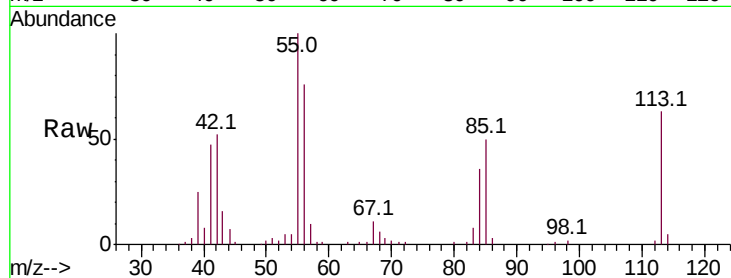




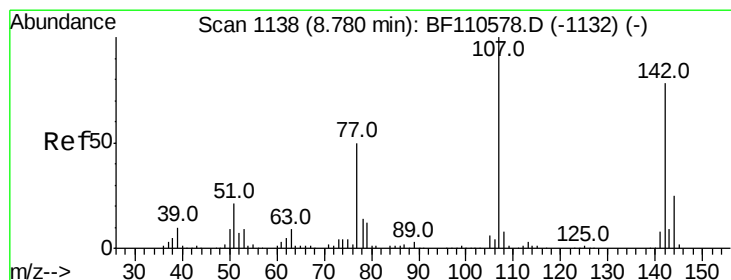
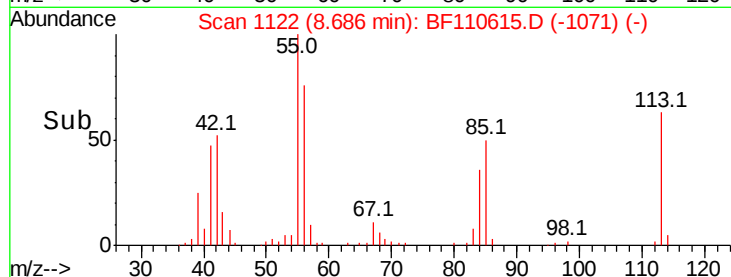
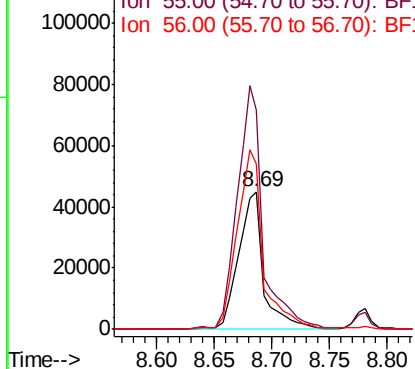
#35
 Caprolactam
 Concen: 40.800 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 67867
 Ion Ratio Lower Upper
 113 100
 55 159.4 142.8 182.8
 56 120.8 105.0 145.0

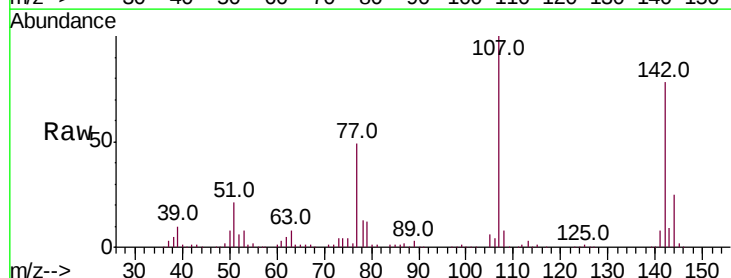


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

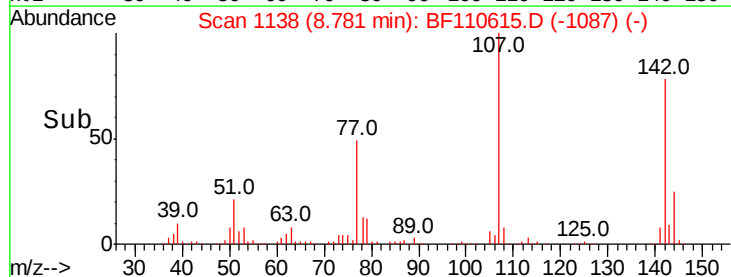
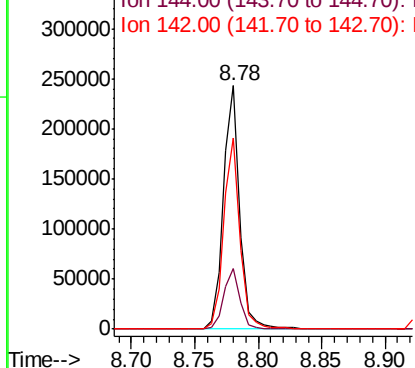


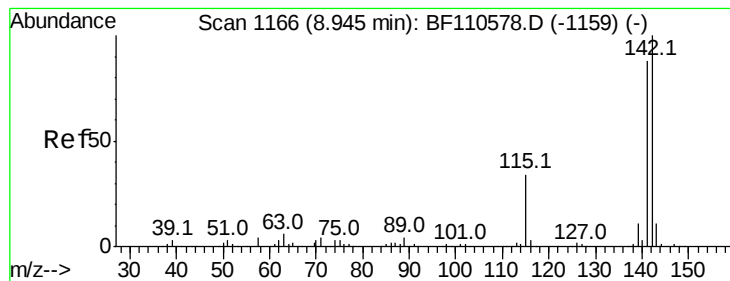
#36
 4-Chloro-3-methylphenol
 Concen: 40.542 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Tgt Ion:107 Resp: 217694
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.0 30.0
 142 78.3 59.7 89.5



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: 39.809 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

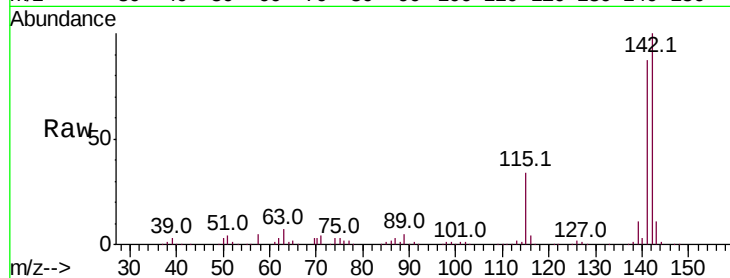
Tot Ion:142 Resp: 438554

Ion Ratio Lower Upper

142 100

141 87.0 71.4 107.2

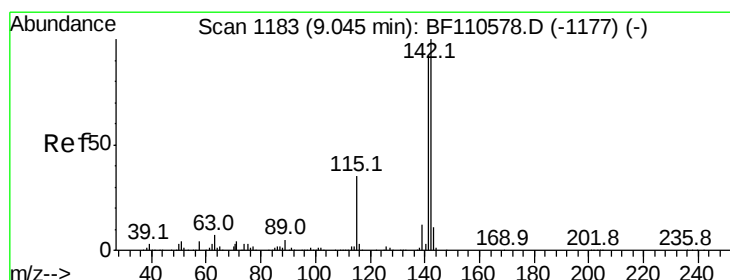
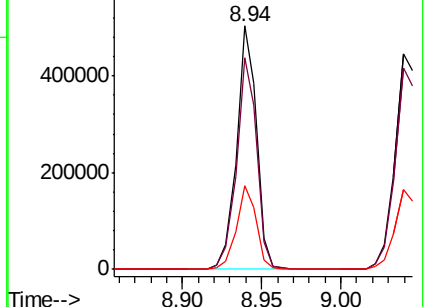
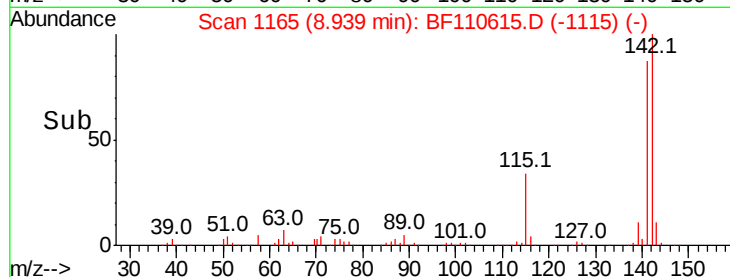
115 34.2 28.7 43.1



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: 41.394 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.11 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

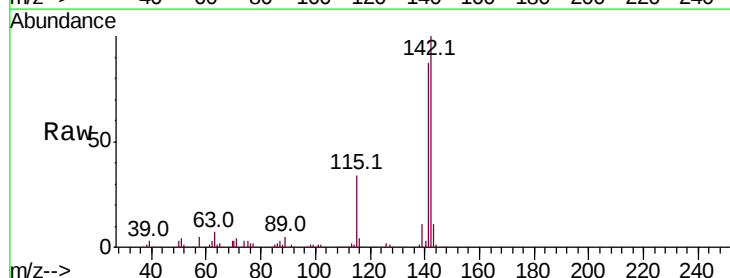
Tgt Ion:142 Resp: 438554

Ion Ratio Lower Upper

142 100

141 87.0 74.2 111.4

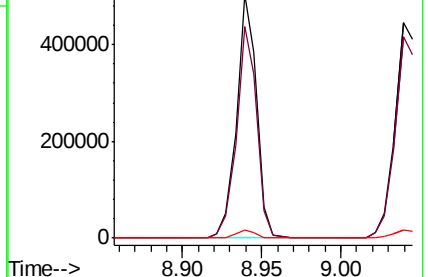
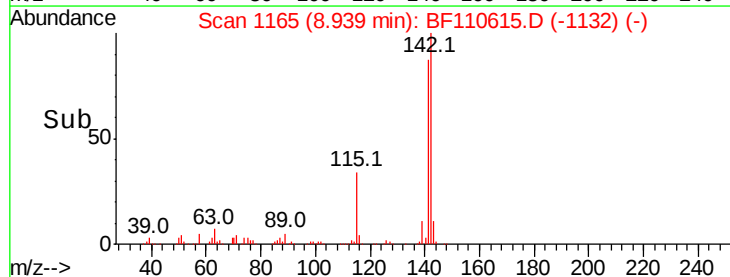
116 3.6 2.6 4.0

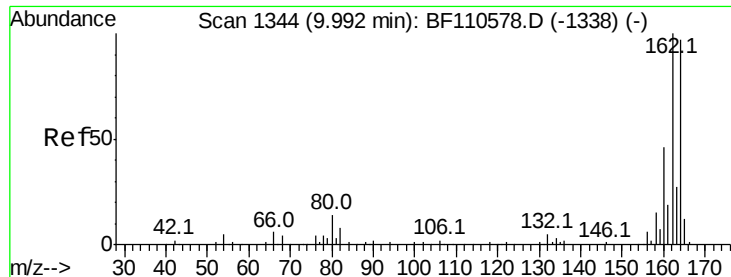


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

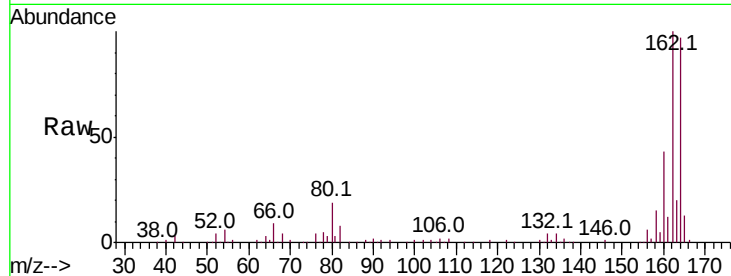




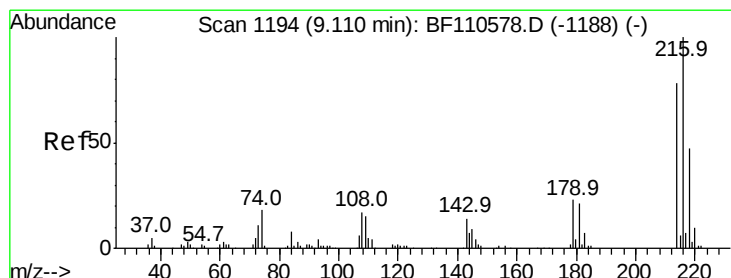
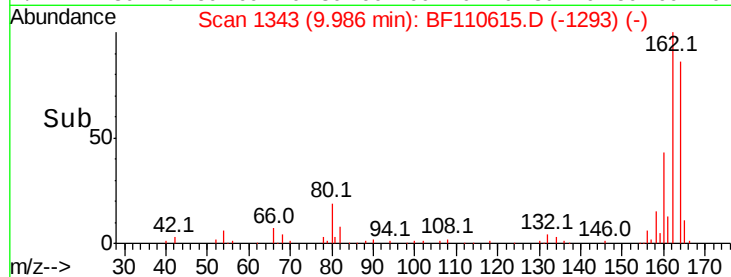
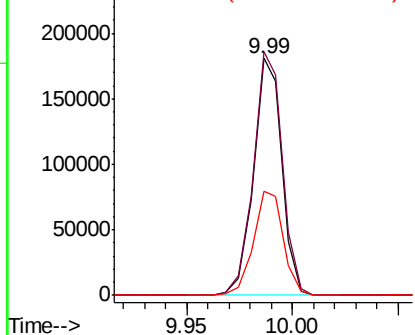
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 168766
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 44.2 37.0 55.6



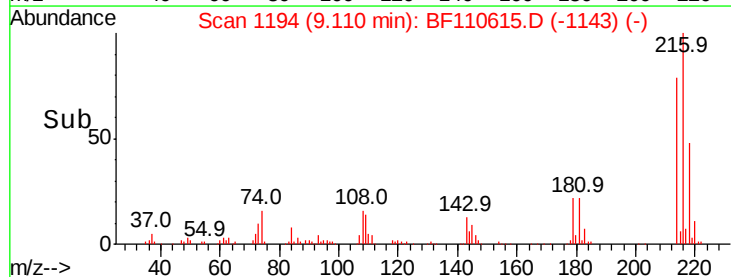
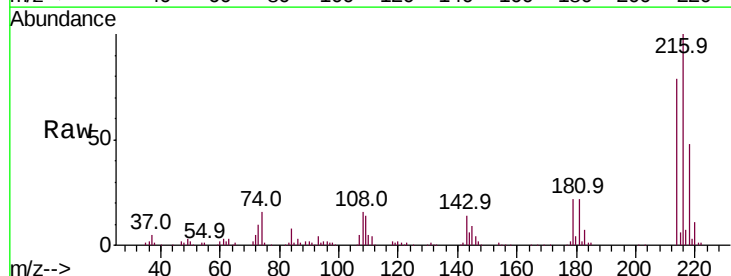
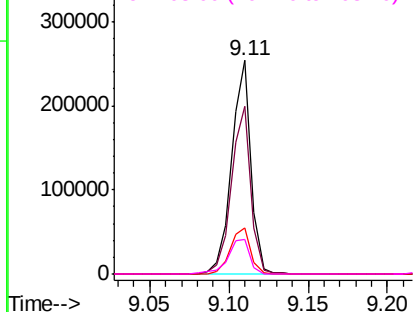
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

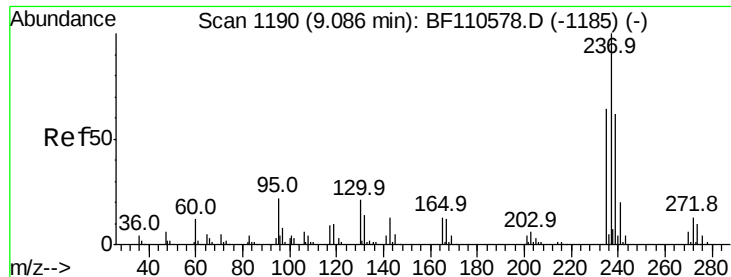


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.074 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion:216 Resp: 214078
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.6
179 22.4 16.6 25.0
108 18.8 15.1 22.7

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

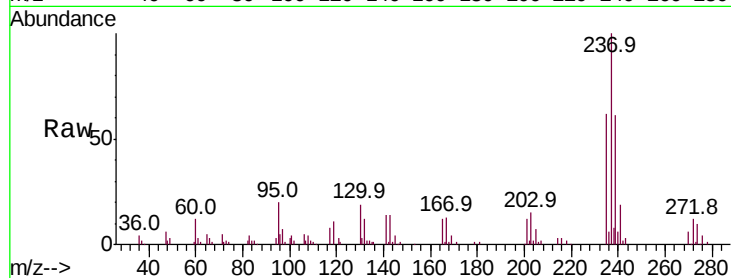




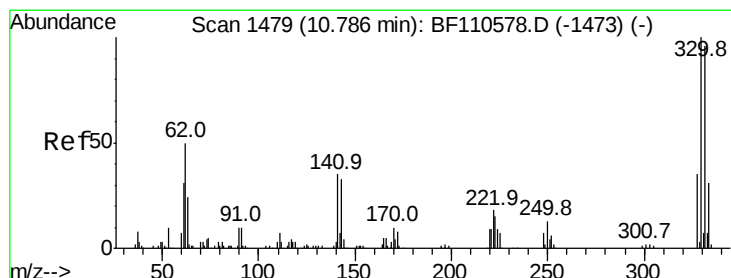
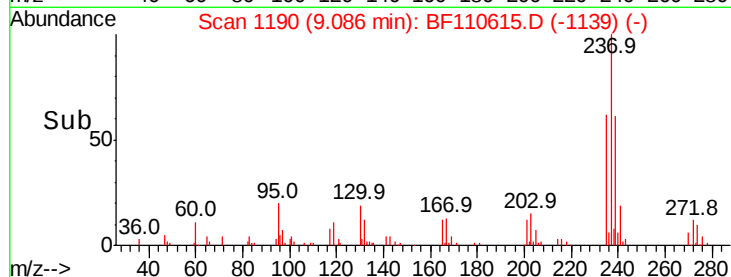
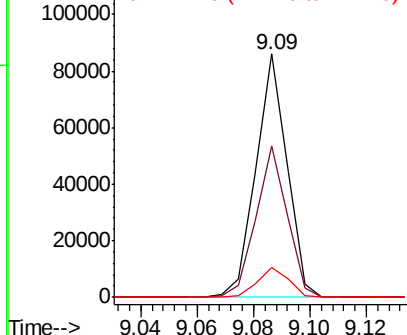
#41
Hexachlorocyclopentadiene
Concen: 36.220 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.1	83.1
272	12.4	0.0	32.6

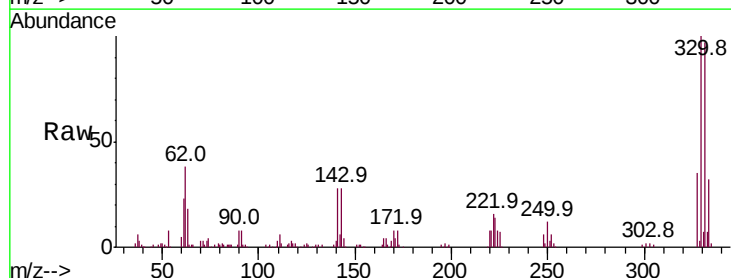


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

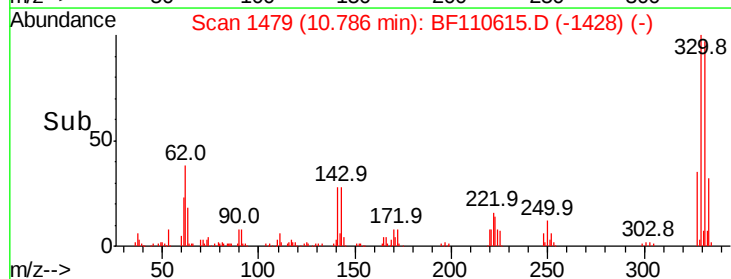
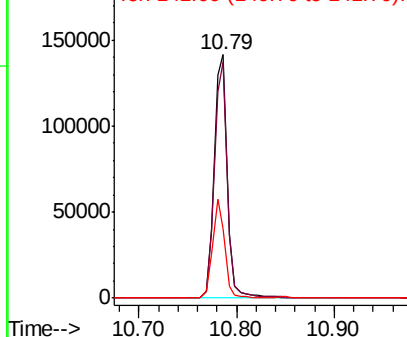


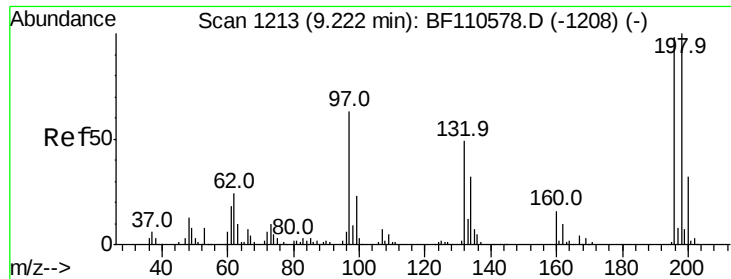
#42
2,4,6-Tribromophenol
Concen: 77.602 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	37.8	27.0	40.4



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

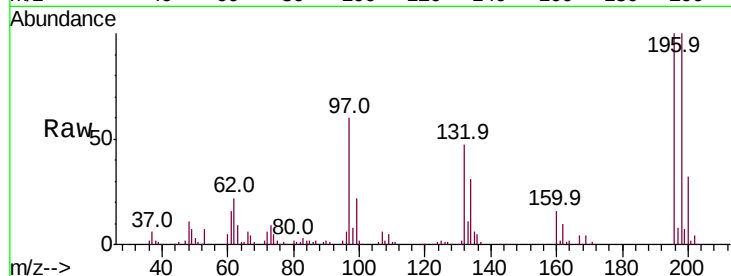




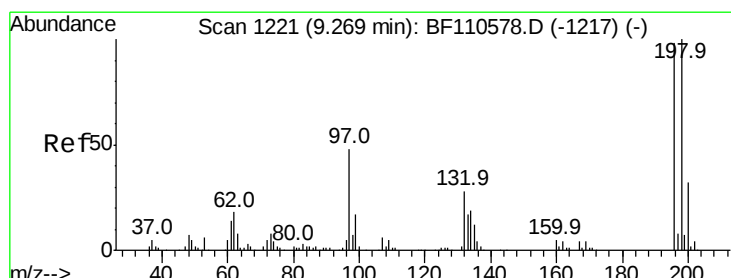
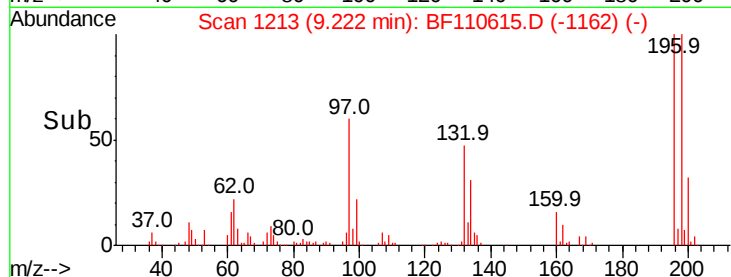
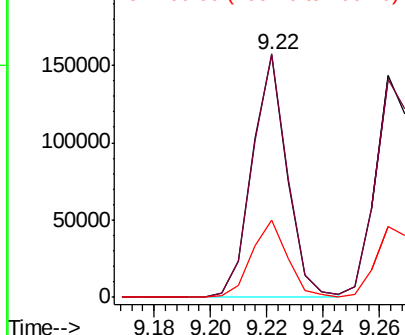
#43
 2,4,6-Trichlorophenol
 Concen: 40.019 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 134342
 Ion Ratio Lower Upper
 196 100
 198 100.4 76.2 114.4
 200 31.9 24.4 36.6

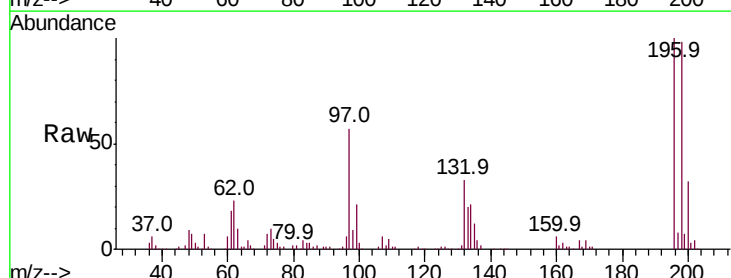


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

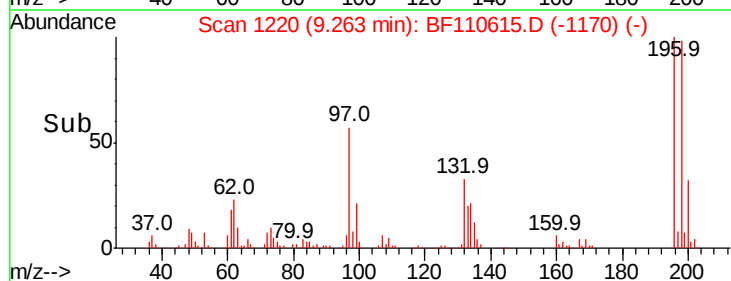
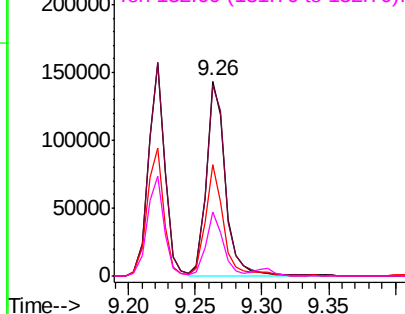


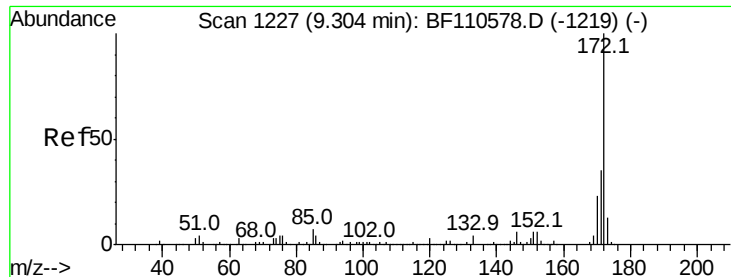
#44
 2,4,5-Trichlorophenol
 Concen: 40.034 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Tgt Ion:196 Resp: 143356
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.8 113.6
 97 57.3 42.4 63.6
 132 33.0 22.8 34.2



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

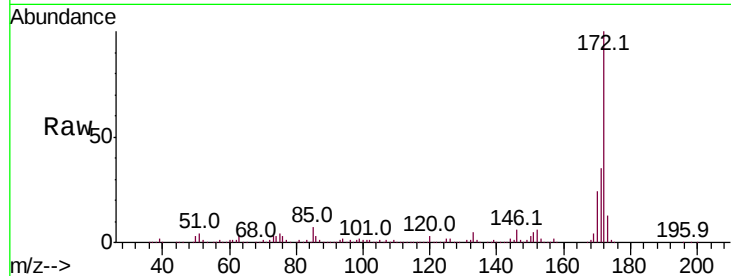




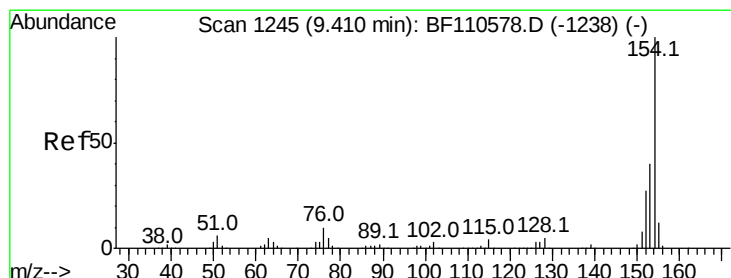
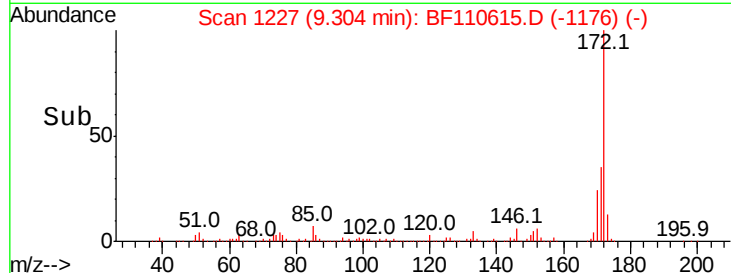
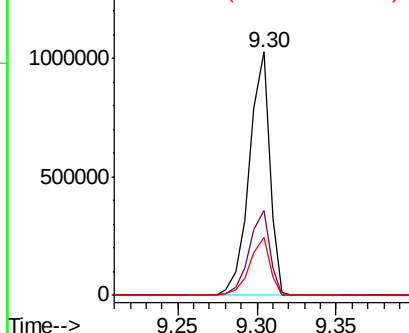
#45
2-Fluorobiphenyl
Concen: 77.695 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.7	19.7	29.5

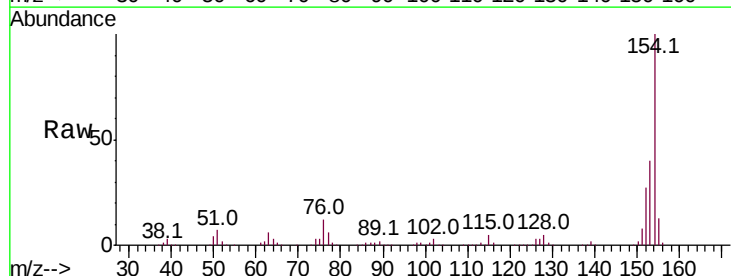


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

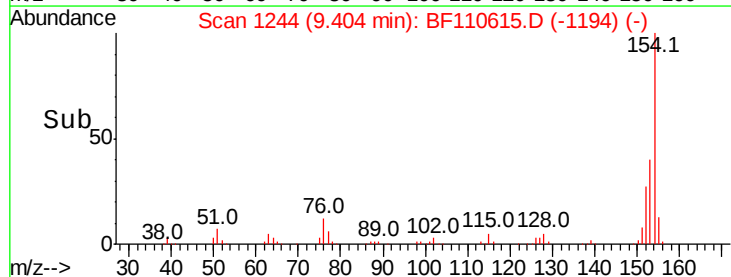
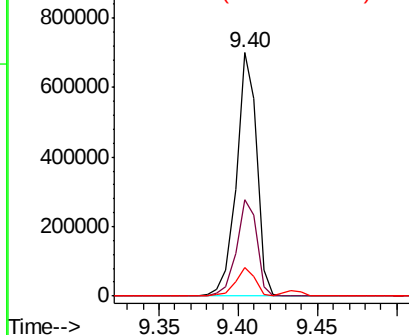


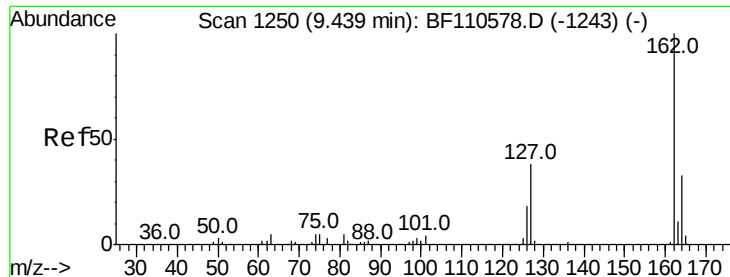
#46
1,1'-Biphenyl
Concen: 39.470 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.4	60.4
76	11.6	0.0	31.9



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

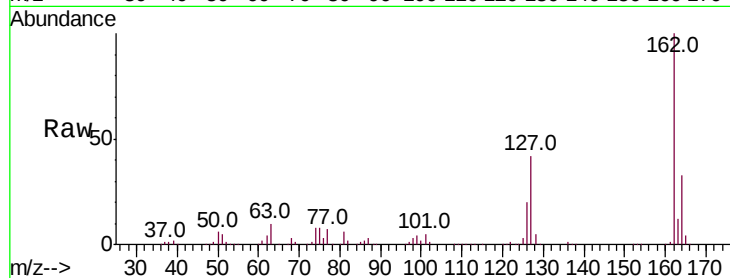




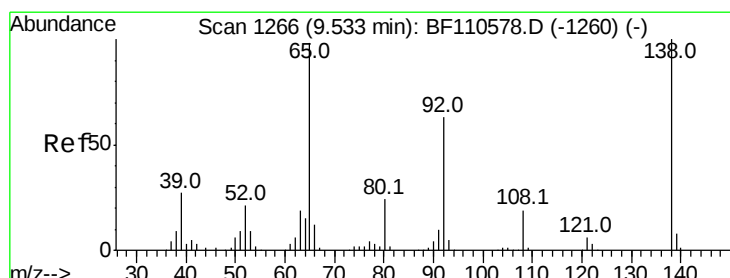
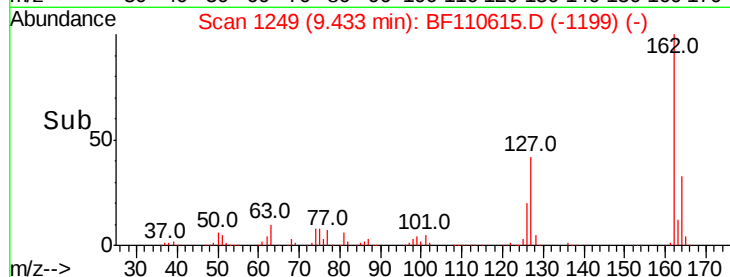
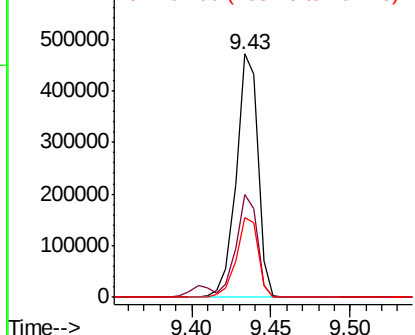
#47
2-Chloronaphthalene
Concen: 39.636 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 449558
Ion Ratio Lower Upper
162 100
127 42.4 32.6 48.8
164 32.6 25.9 38.9

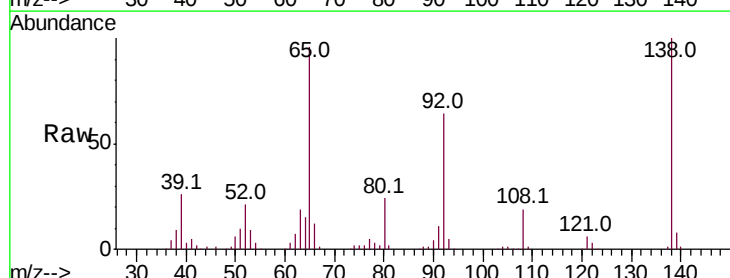


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

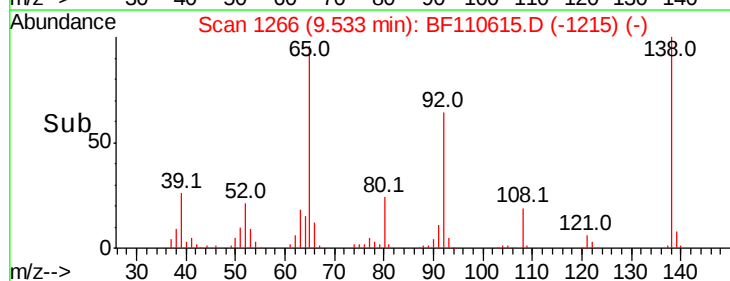
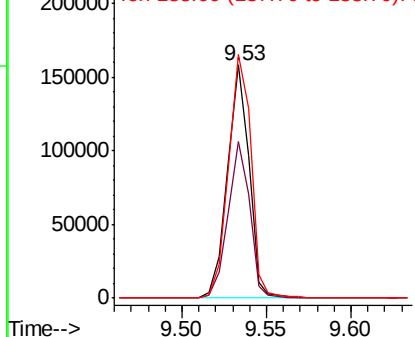


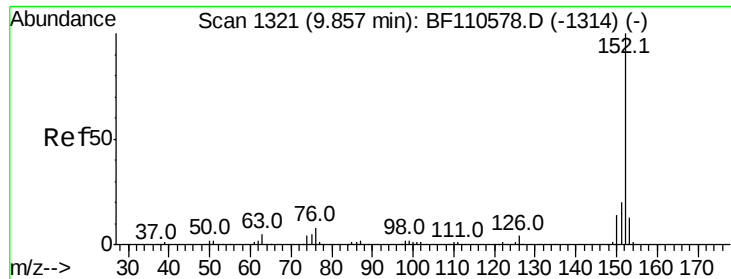
#48
2-Nitroaniline
Concen: 40.038 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion: 65 Resp: 139941
Ion Ratio Lower Upper
65 100
92 67.4 54.6 81.8
138 104.6 80.3 120.5



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





#49

Acenaphthylene

Concen: 39.401 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

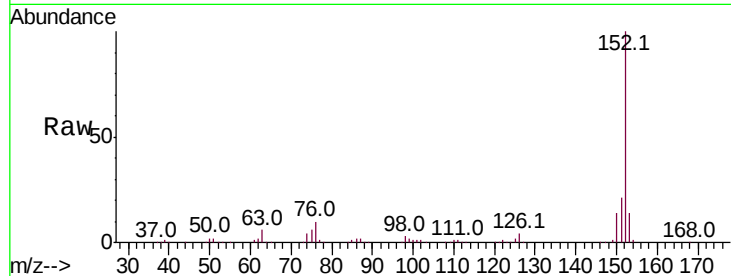
Tot Ion:152 Resp: 643594

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

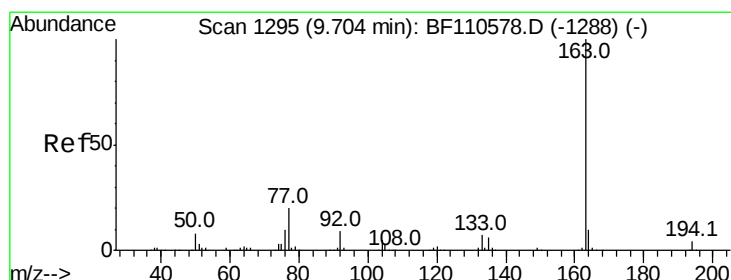
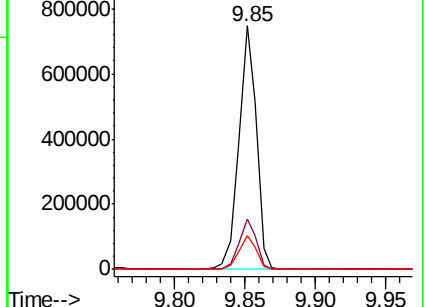
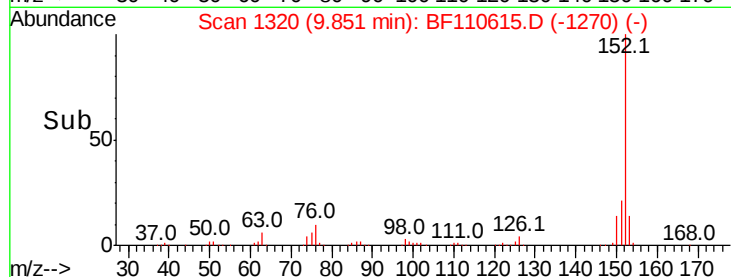
153 14.0 10.4 15.6



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: 38.258 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

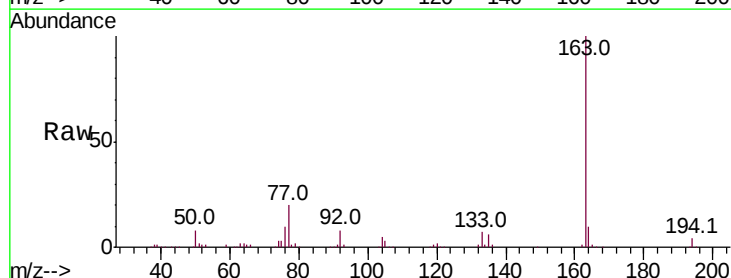
Tgt Ion:163 Resp: 481779

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

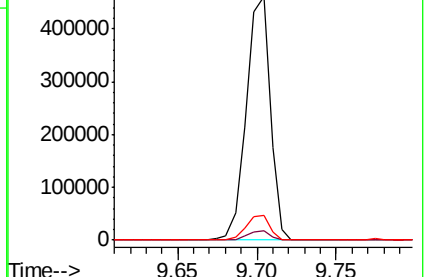
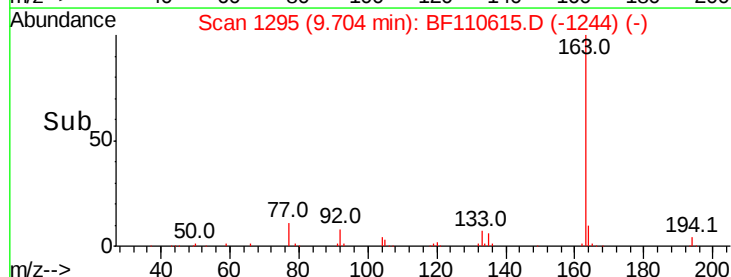
164 10.0 8.1 12.1

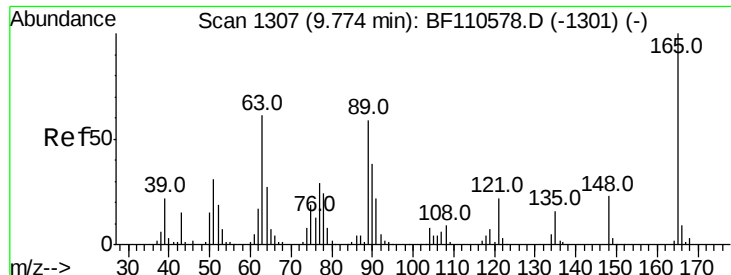


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

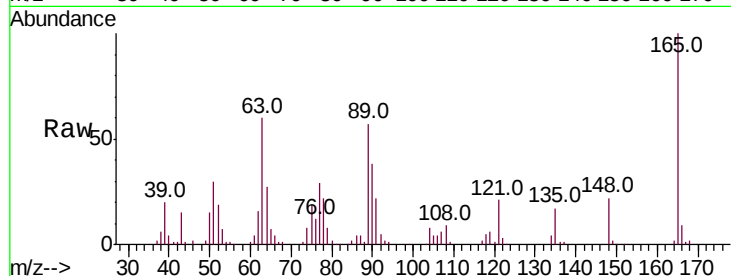




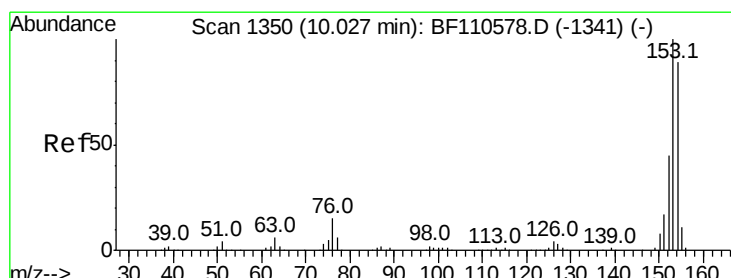
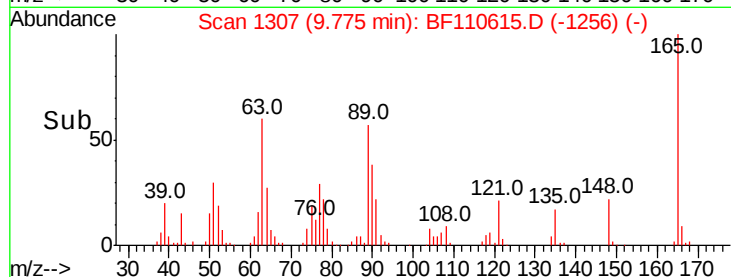
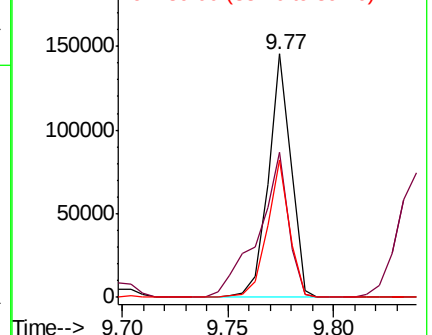
#51
2,6-Dinitrotoluene
Concen: 39.196 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.6	48.9	73.3
89	56.7	46.6	69.8

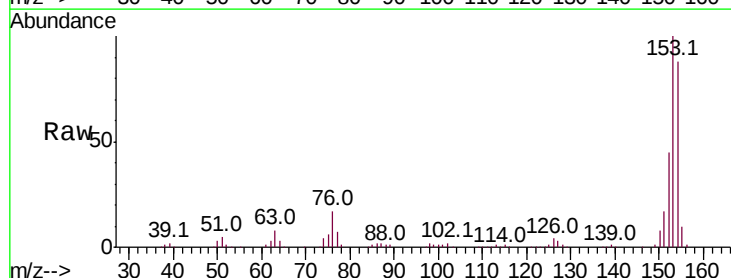


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

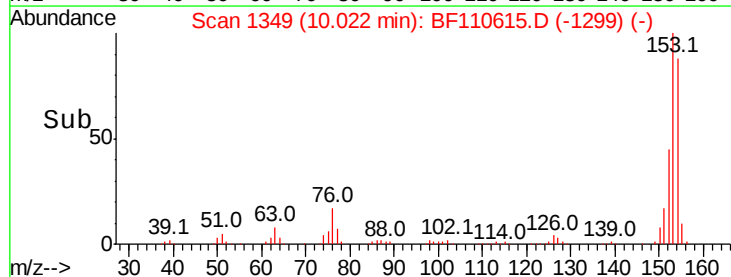
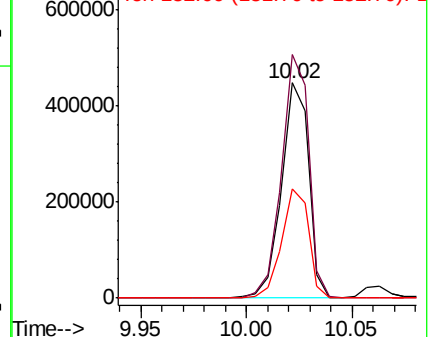


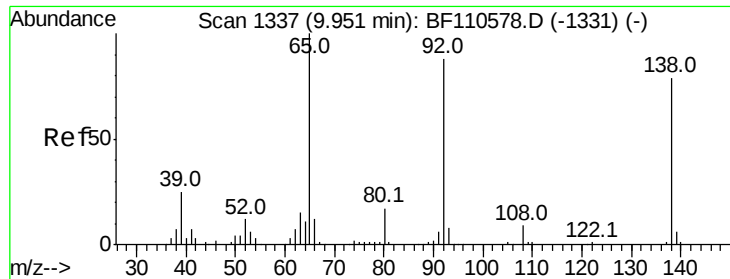
#52
Acenaphthene
Concen: 38.901 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.1	135.1
152	50.5	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

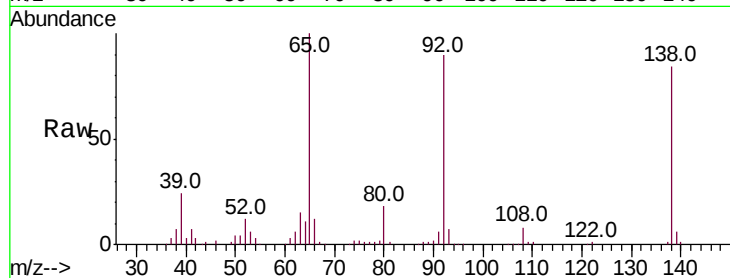




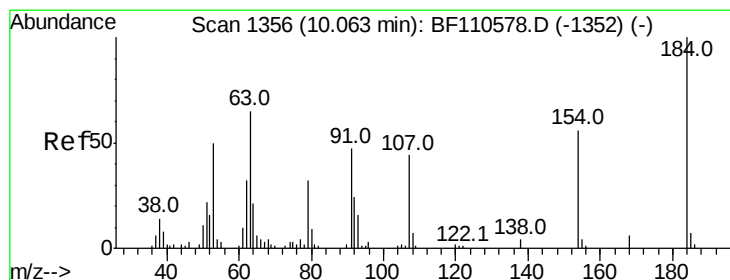
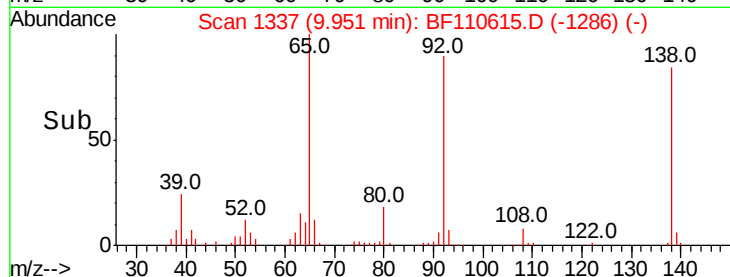
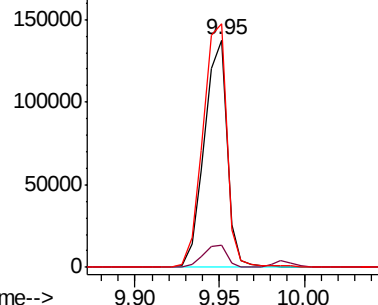
#53
3-Nitroaniline
Concen: 40.204 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 129029
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 107.3 97.0 145.4

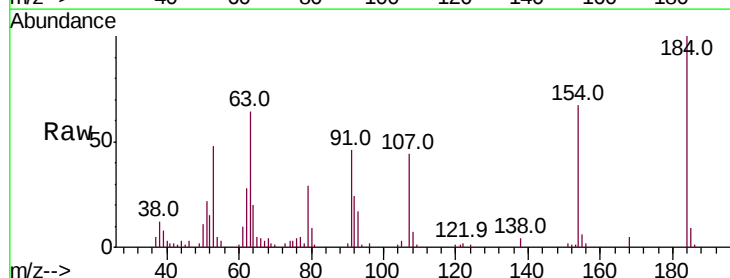


Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

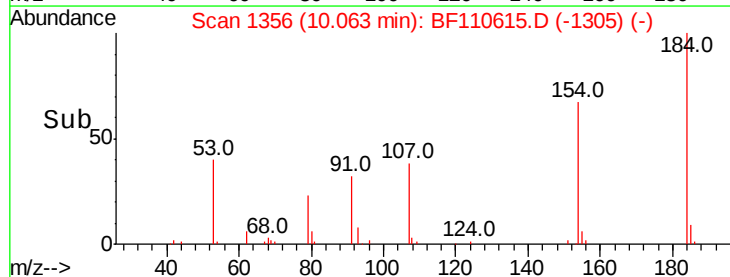
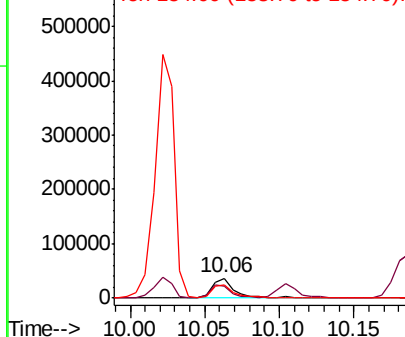


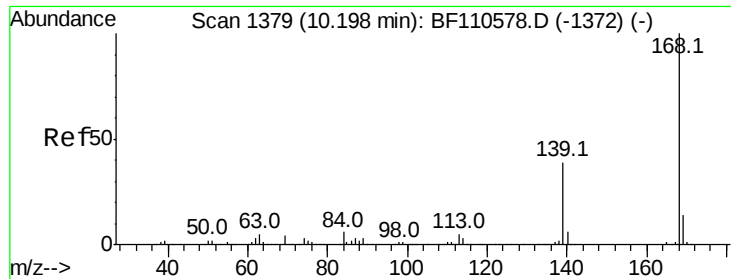
#54
2,4-Dinitrophenol
Concen: 37.214 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion:184 Resp: 38118
Ion Ratio Lower Upper
184 100
63 63.8 55.8 83.6
154 67.4 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
600000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

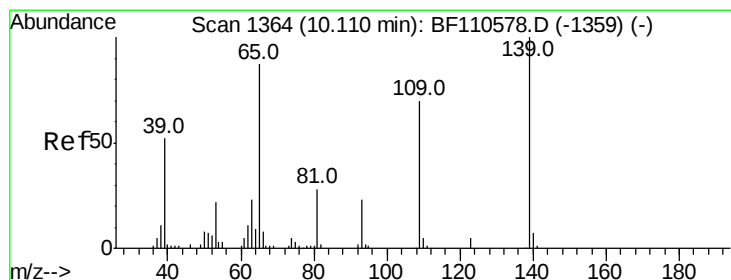
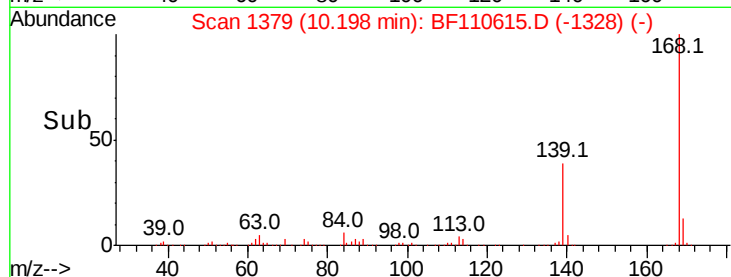
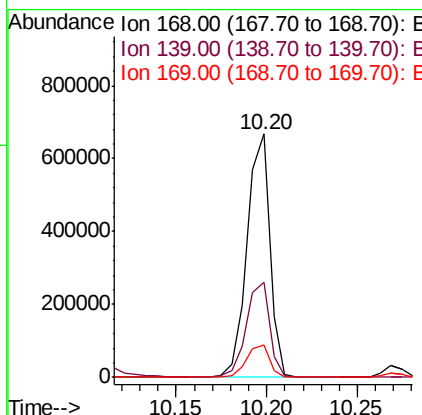
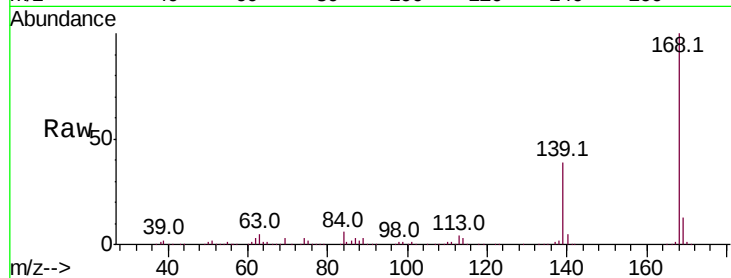




#55
Dibenzenofuran
Concen: 38.809 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

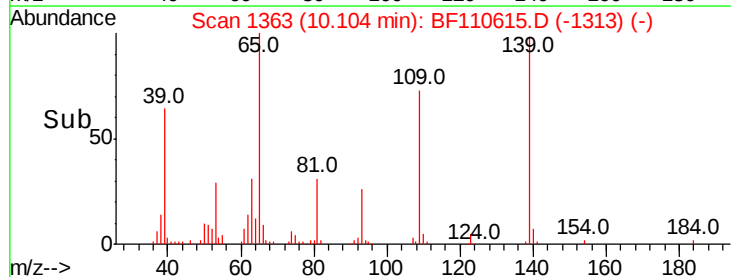
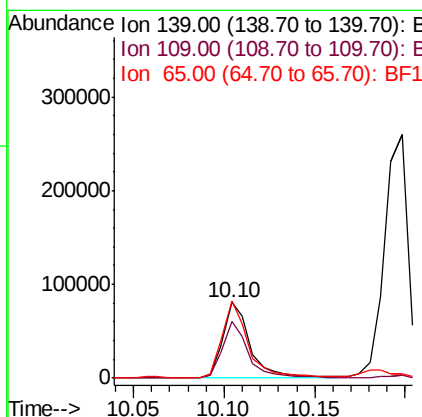
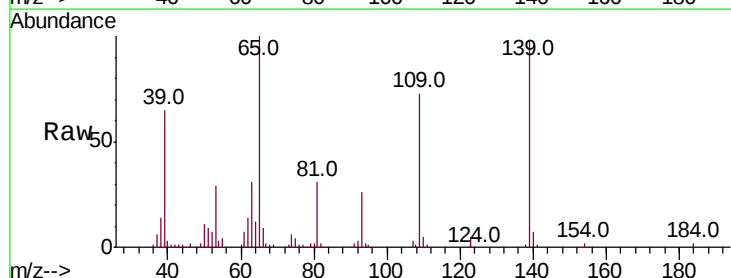
Instrument :
BNA_F
ClientSampled :

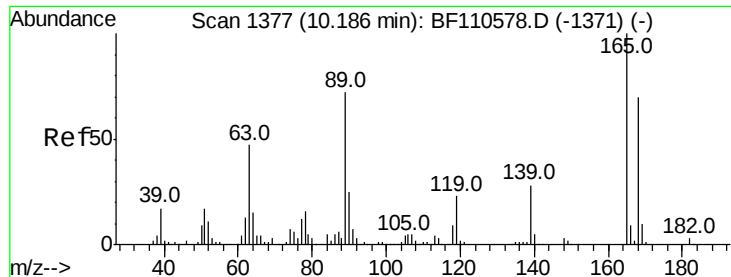
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	33.0	49.6
169	13.4	11.3	16.9



#56
4-Nitrophenol
Concen: 39.999 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.3	55.8	95.8
65	101.6	77.9	117.9

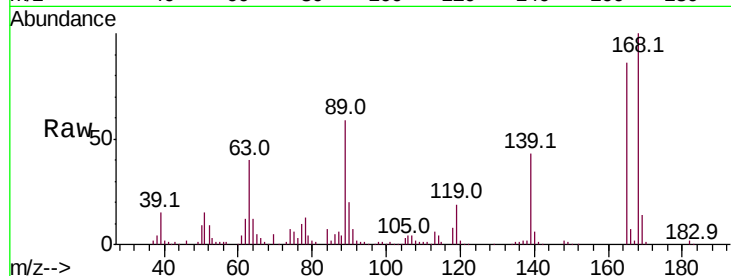




#57
2,4-Dinitrotoluene
Concen: 40.002 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.6	44.8	67.2
89	68.5	62.2	93.4
182	2.5	2.1	3.1



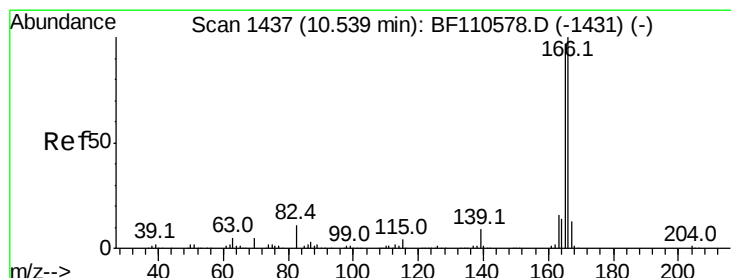
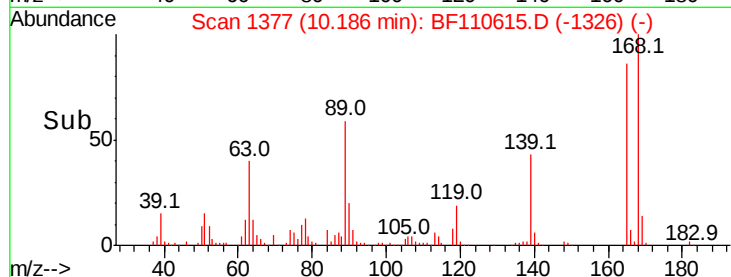
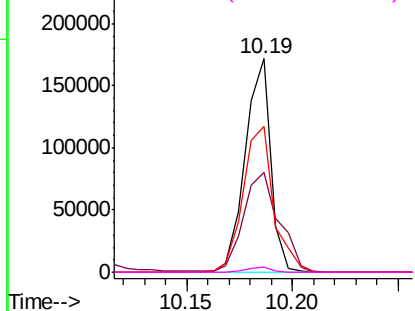
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

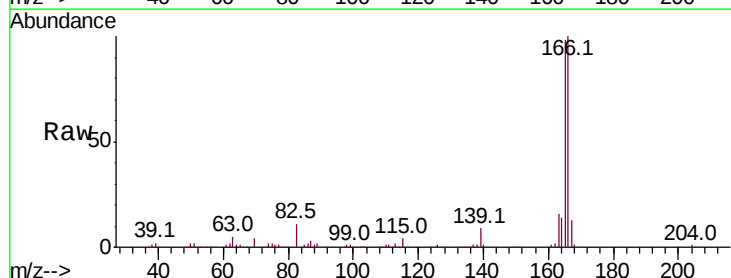
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.659 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.3	10.8	16.2

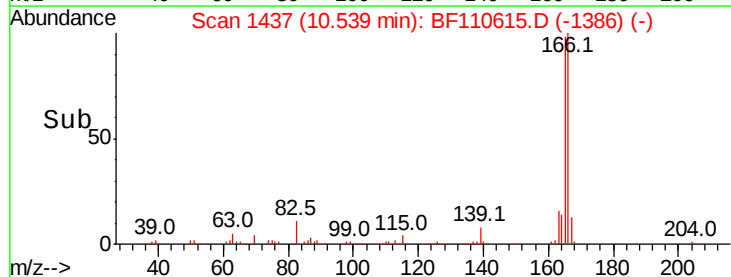
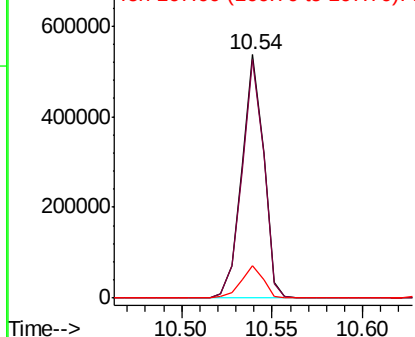


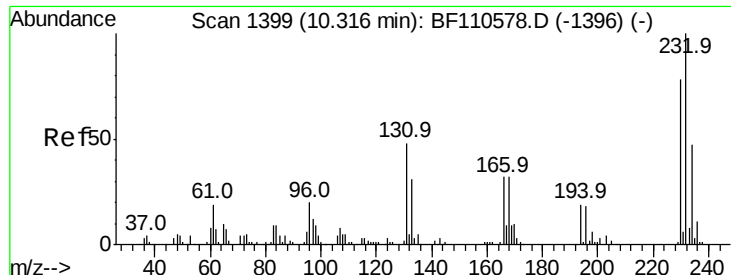
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

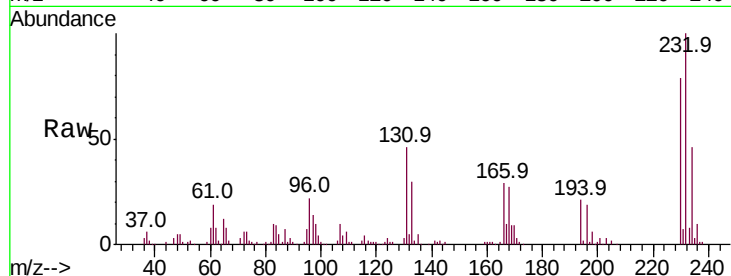




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.258 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.05 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	37.0	55.4
130	2.4	1.8	2.6
166	27.1	22.0	33.0



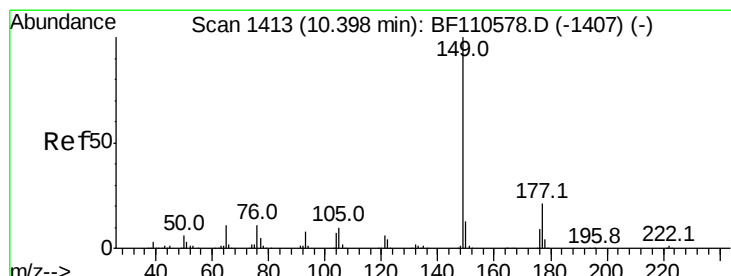
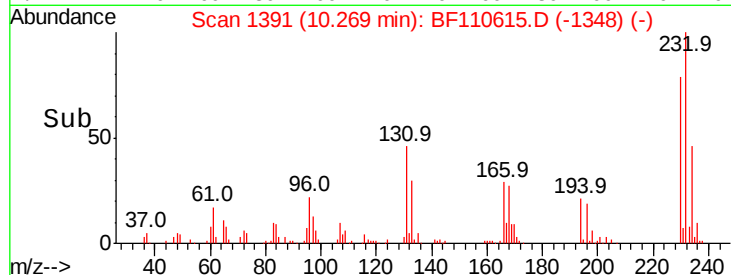
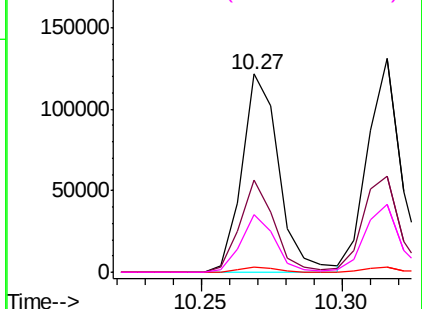
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

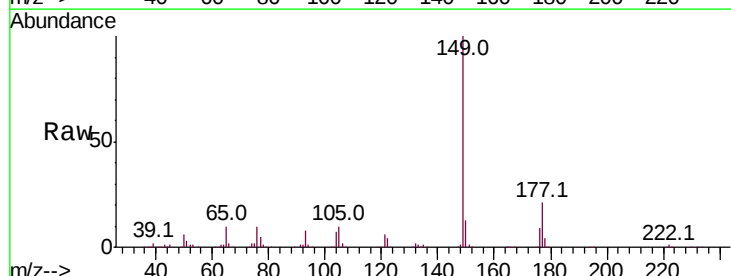
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.170 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.4	26.2
150	12.6	9.8	14.8

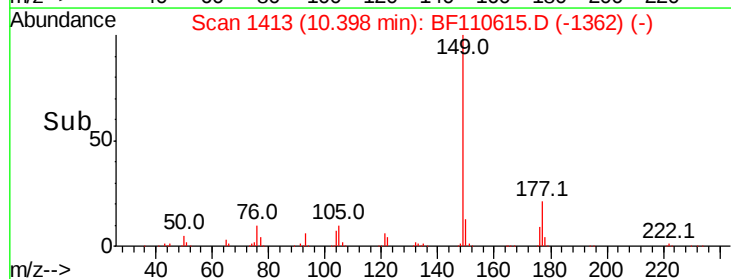
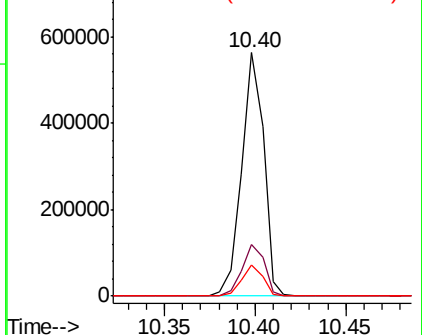


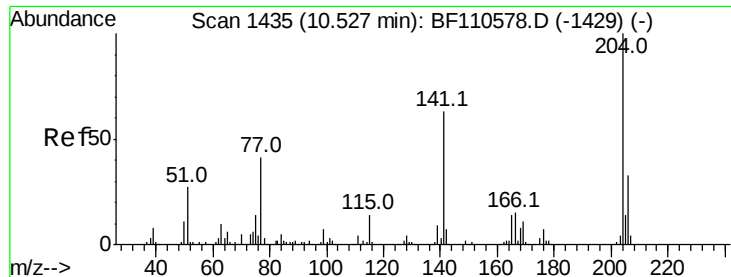
Abundance

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

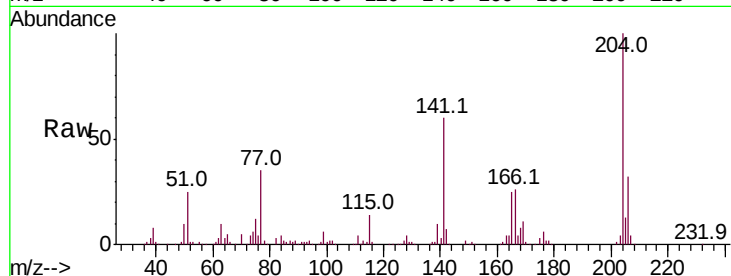




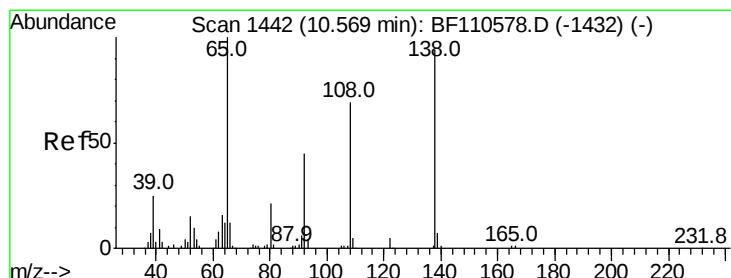
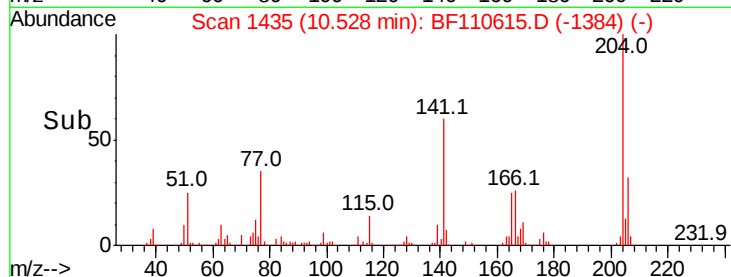
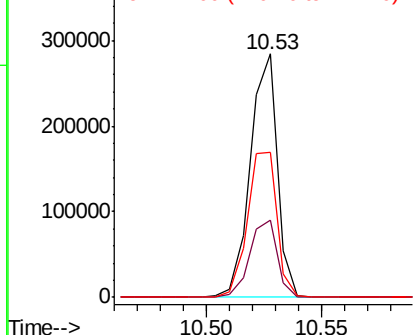
#61
4-Chlorophenyl-phenylether
Concen: 38.859 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.5	39.7
141	59.7	51.8	77.8

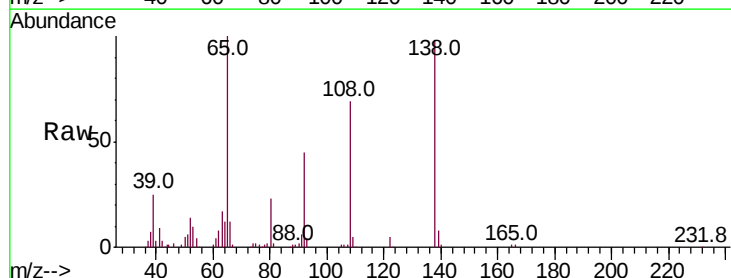


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

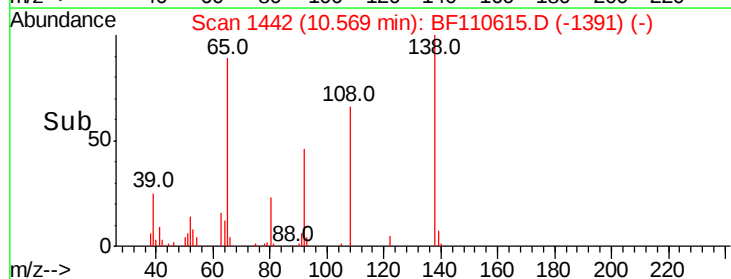
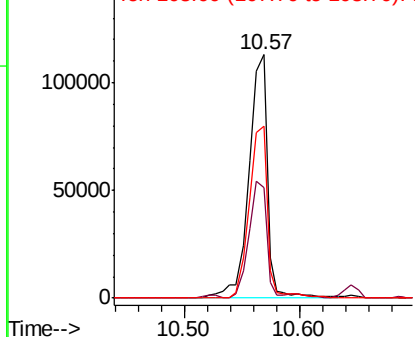


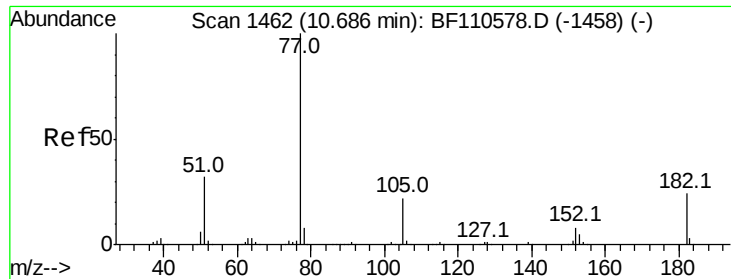
#62
4-Nitroaniline
Concen: 39.307 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.6	31.7	71.7
108	70.5	59.3	99.3



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

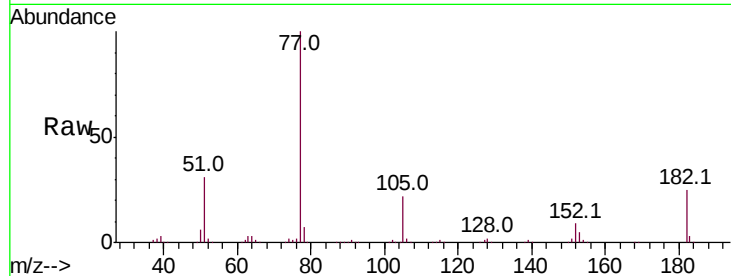




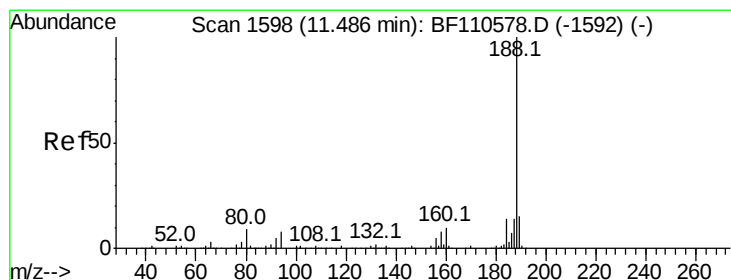
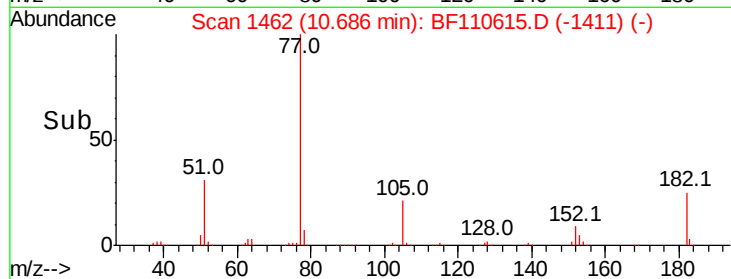
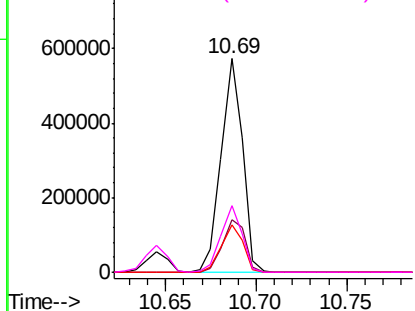
#63
Azobenzene
Concen: 38.998 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.6	4.3	44.3	
105	22.2	1.3	41.3	
51	31.1	9.0	49.0	

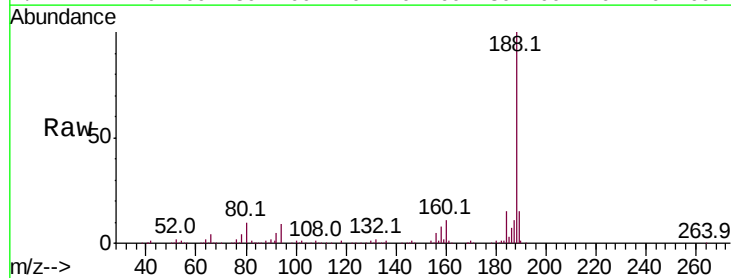


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

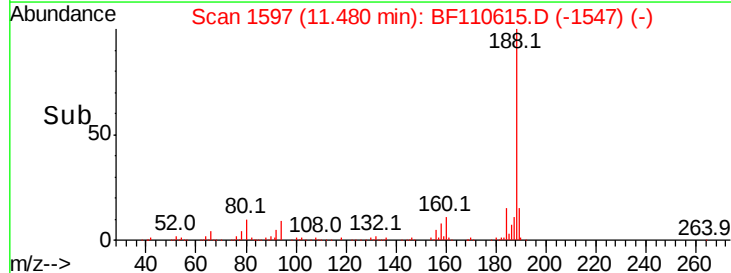
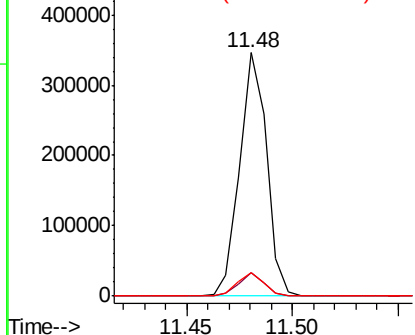


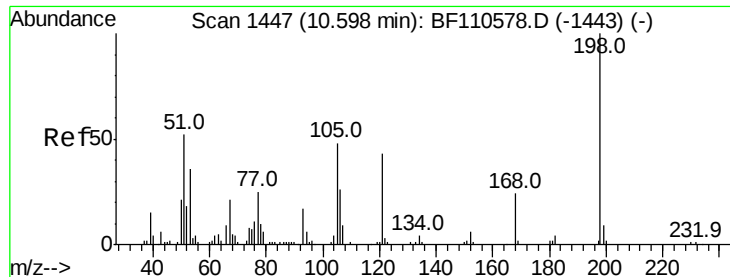
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	7.2	10.8	
80	9.9	7.9	11.9	



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: 38.595 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

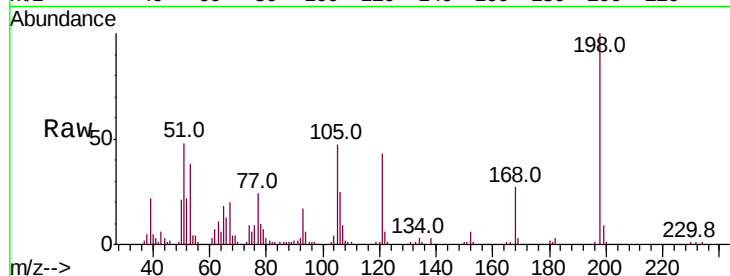
Tot Ion:198 Resp: 59616

Ion Ratio Lower Upper

198 100

51 47.6 22.8 62.8

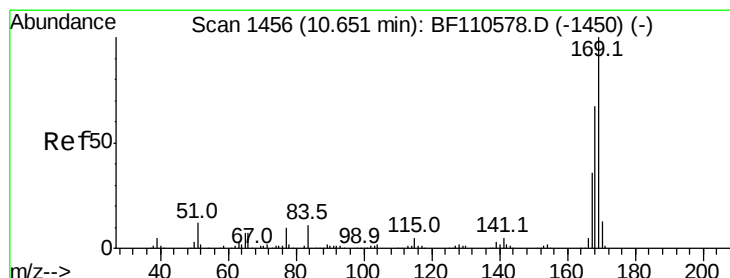
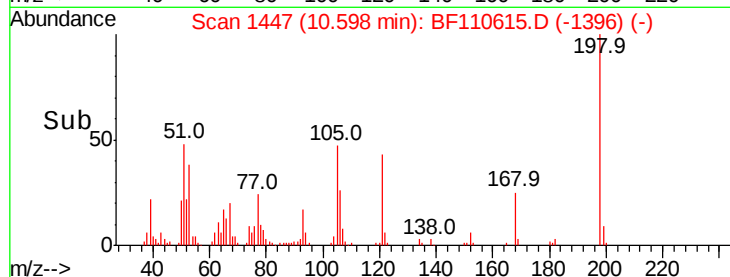
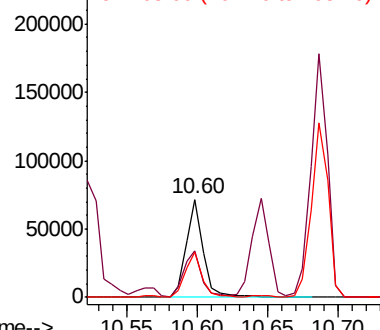
105 46.6 23.6 63.6



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: 40.256 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

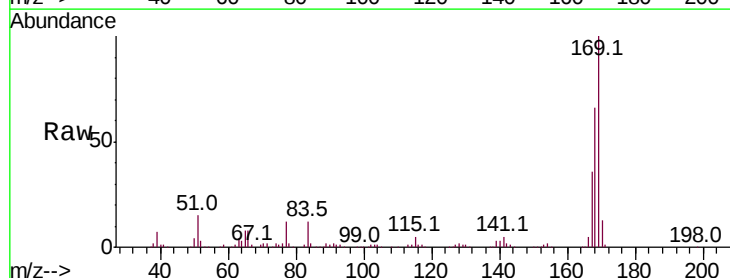
Tgt Ion:169 Resp: 415866

Ion Ratio Lower Upper

169 100

168 65.9 51.2 76.8

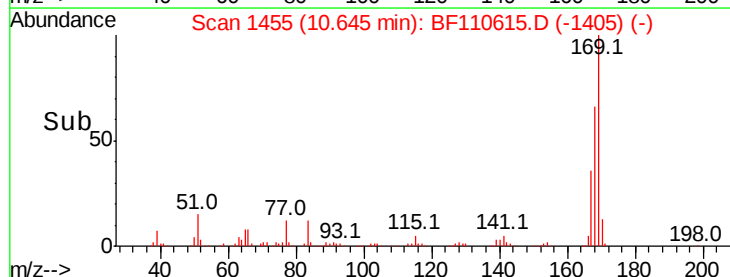
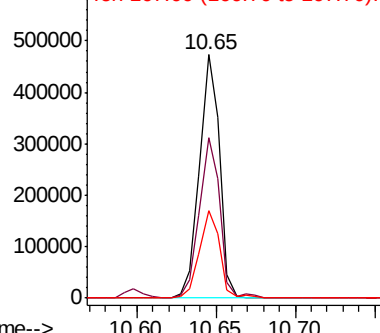
167 36.2 27.8 41.6

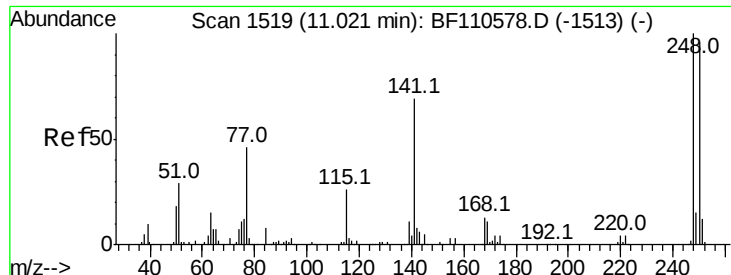


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

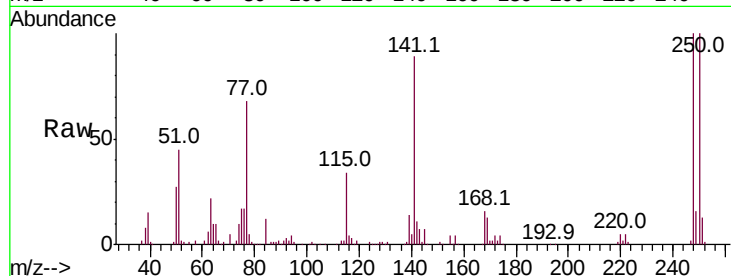




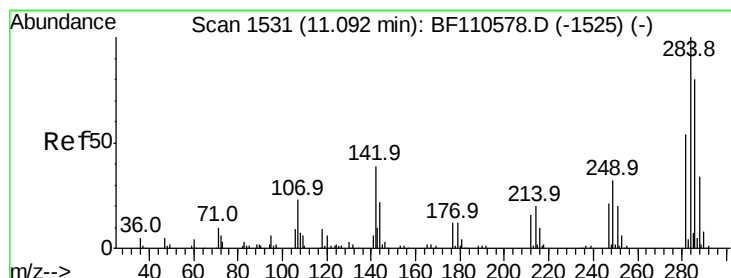
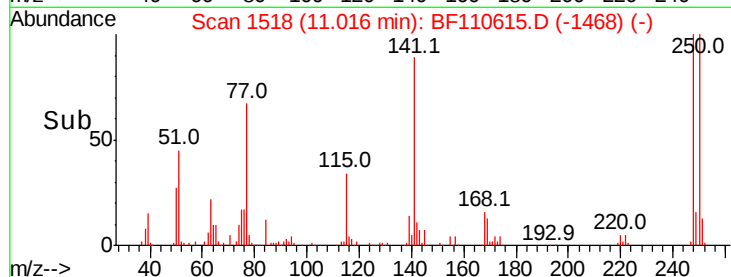
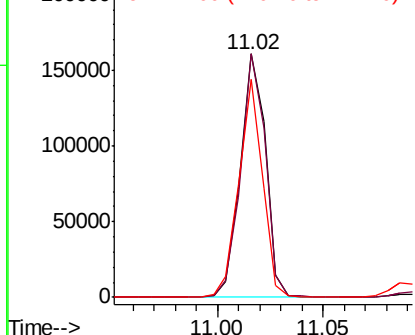
#67
 4-Bromophenyl-phenylether
 Concen: 39.319 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 133183
 Ion Ratio Lower Upper
 248 100
 250 100.0 79.4 119.2
 141 89.5 55.9 83.9#

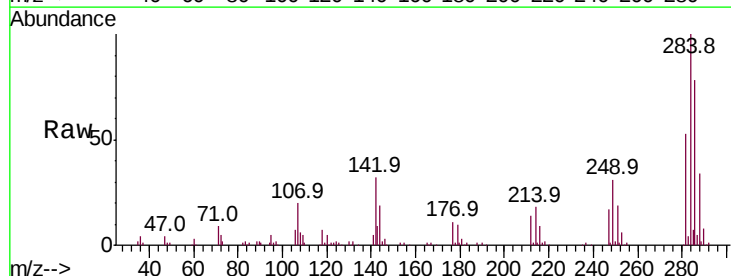


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

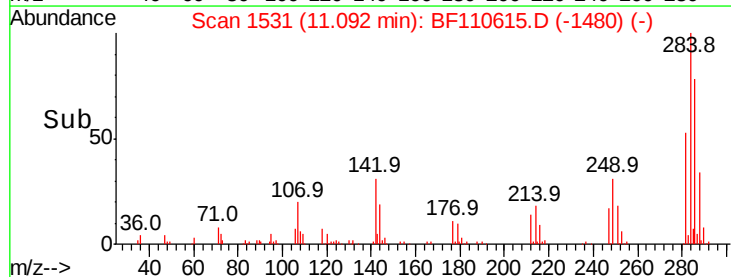
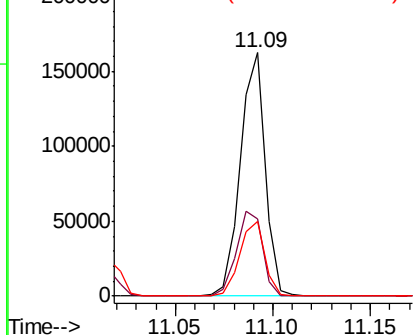


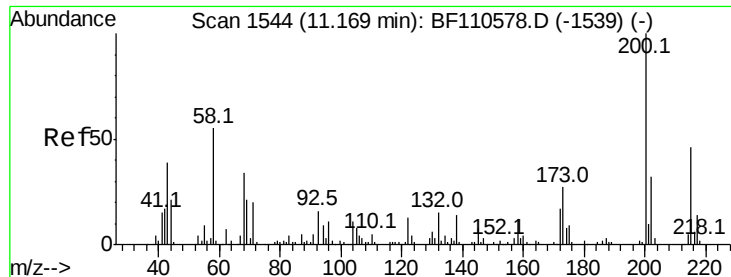
#68
 Hexachlorobenzene
 Concen: 40.072 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Tgt Ion:284 Resp: 143105
 Ion Ratio Lower Upper
 284 100
 142 31.6 23.9 35.9
 249 30.9 24.2 36.2



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

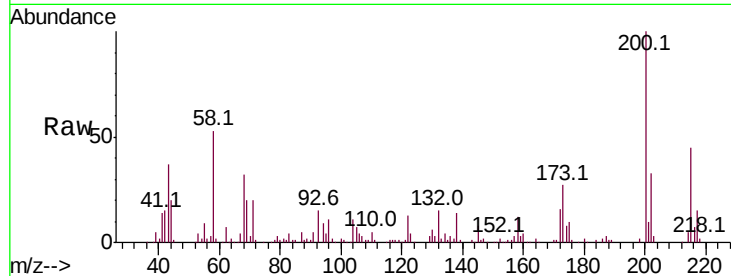




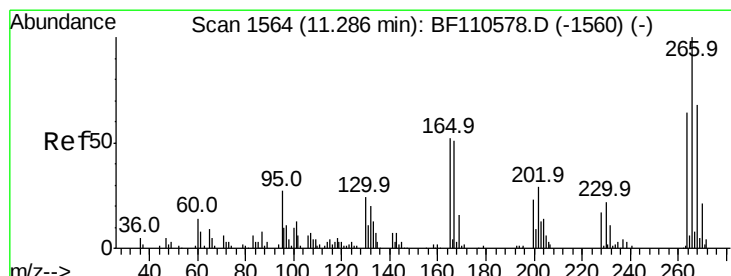
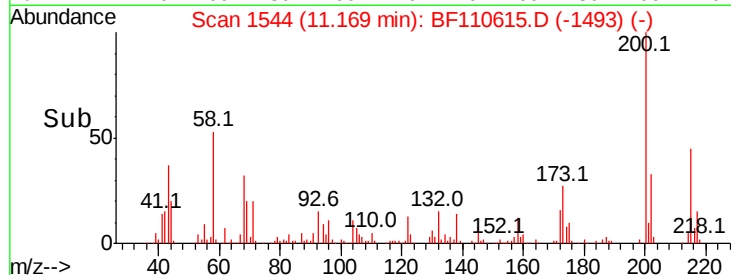
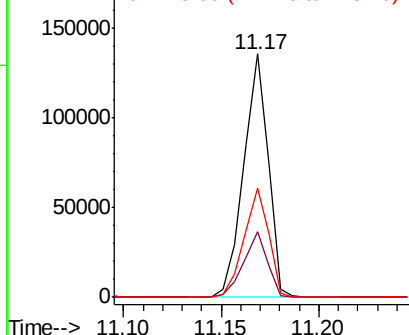
#69
Atrazine
Concen: 37.484 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 118402
Ion Ratio Lower Upper
200 100
173 27.0 6.6 46.6
215 44.7 26.3 66.3

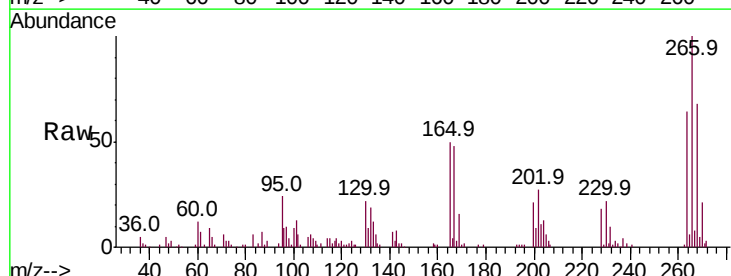


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

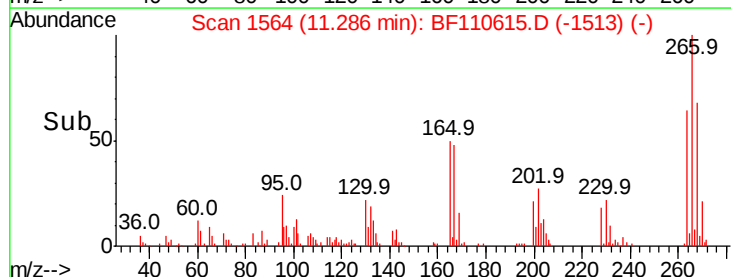
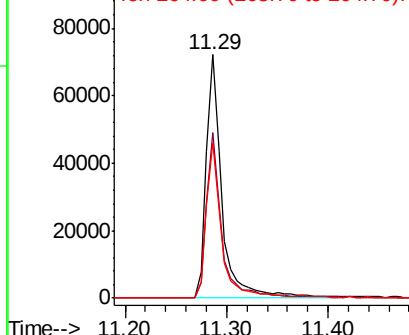


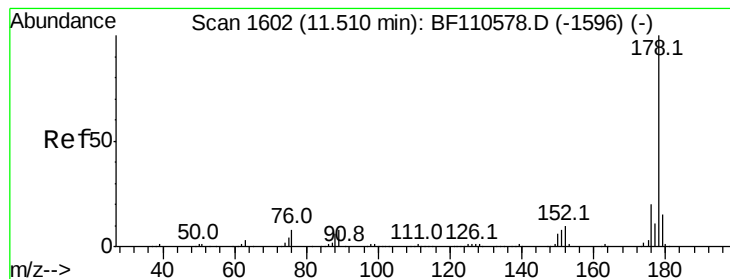
#70
Pentachlorophenol
Concen: 40.901 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion:266 Resp: 77939
Ion Ratio Lower Upper
266 100
268 67.8 50.6 75.8
264 63.6 50.6 75.8



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: 39.533 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

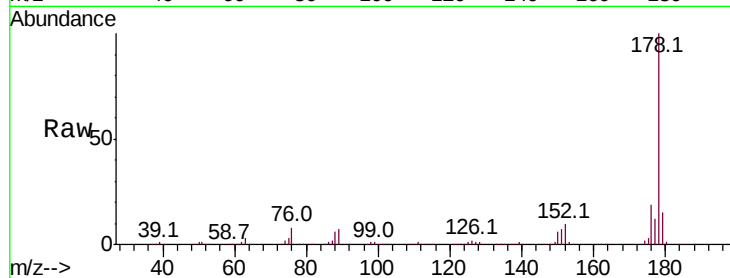
Tot Ion:178 Resp: 649136

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

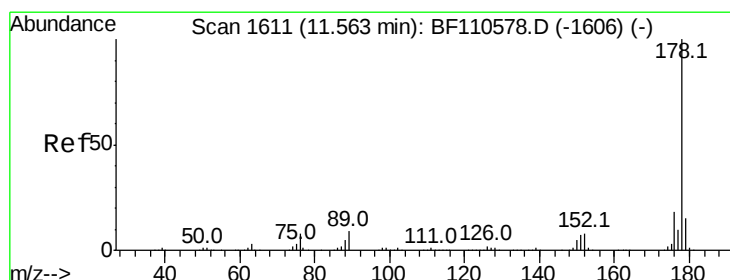
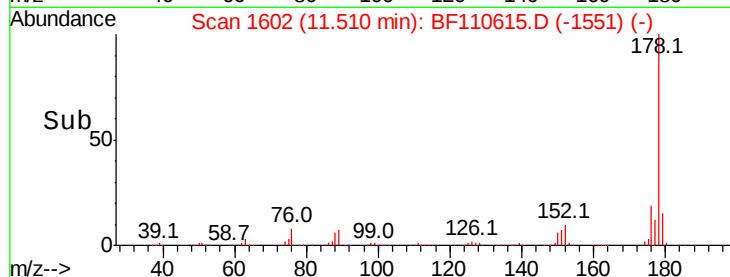
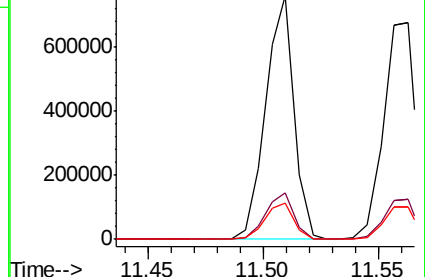
179 15.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.567 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

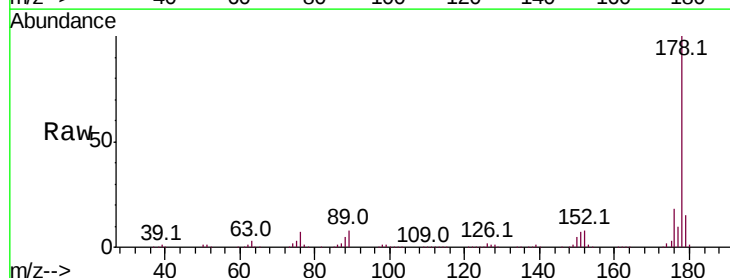
Tgt Ion:178 Resp: 655379

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

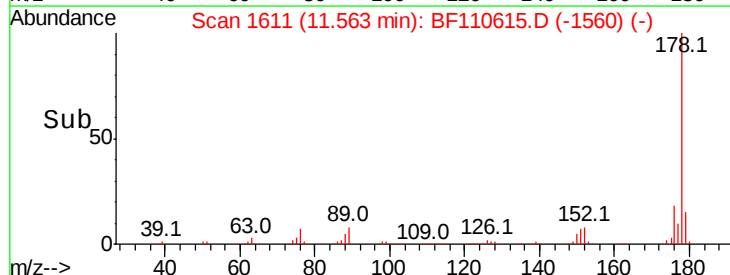
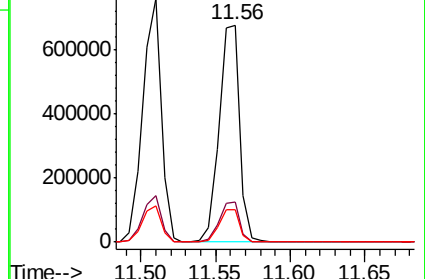
179 15.1 12.6 18.8

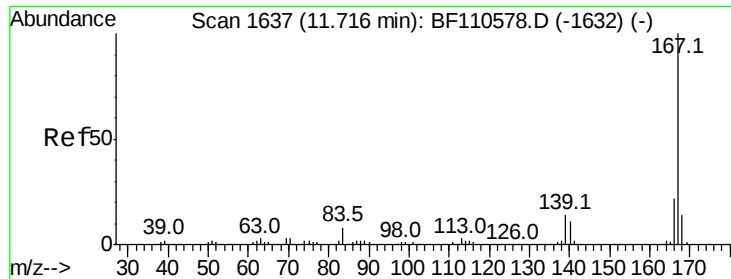


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

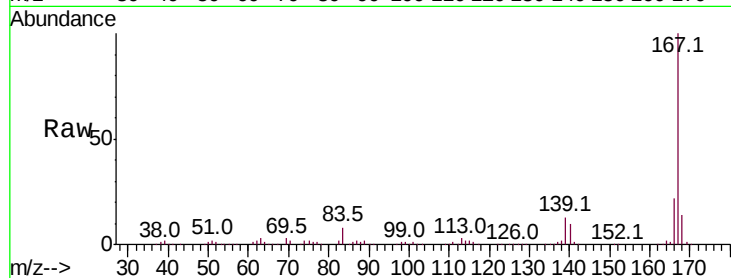




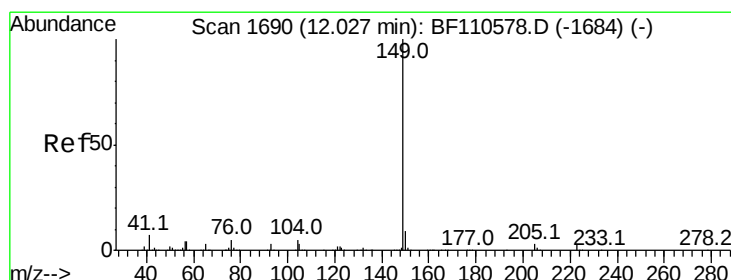
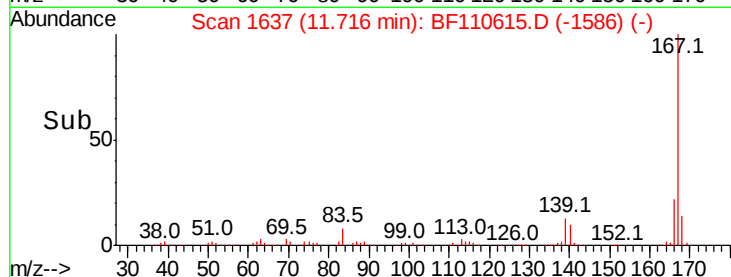
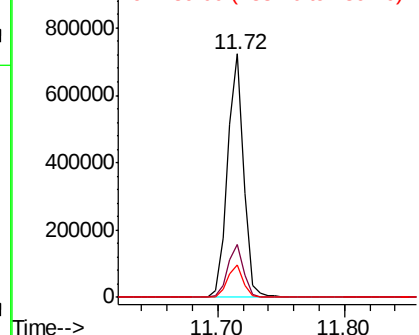
#73
 Carbazole
 Concen: 40.182 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 639180
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.3 10.9 16.3

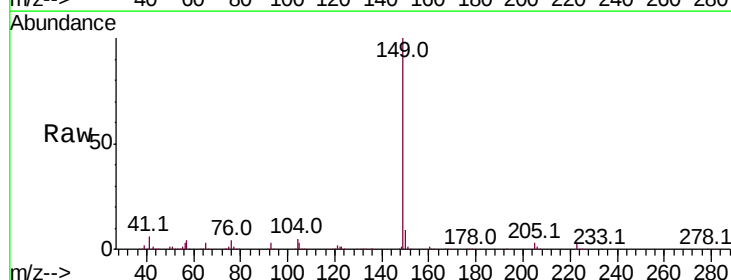


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

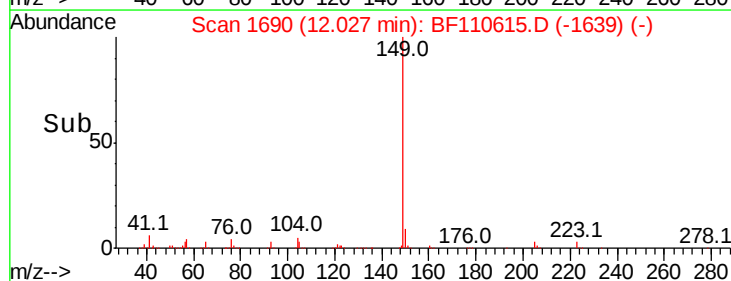
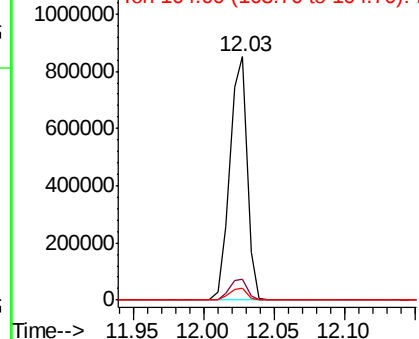


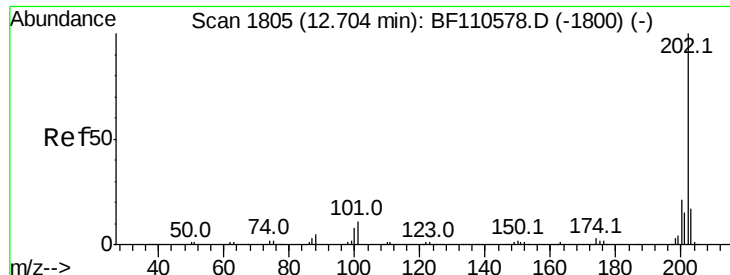
#74
 Di-n-butylphthalate
 Concen: 38.990 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Tgt Ion:149 Resp: 727320
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.7 11.5
 104 4.7 4.2 6.4



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





#75

Fluoranthene

Concen: 39.685 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

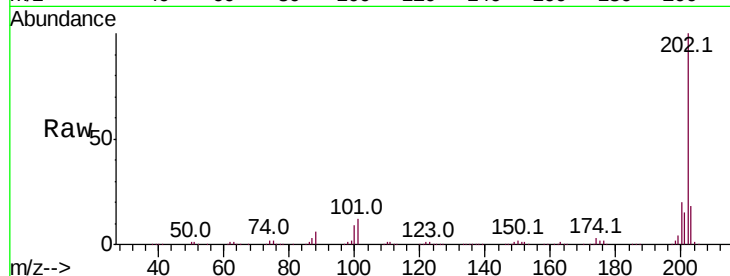
Tot Ion:202 Resp: 653294

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.4

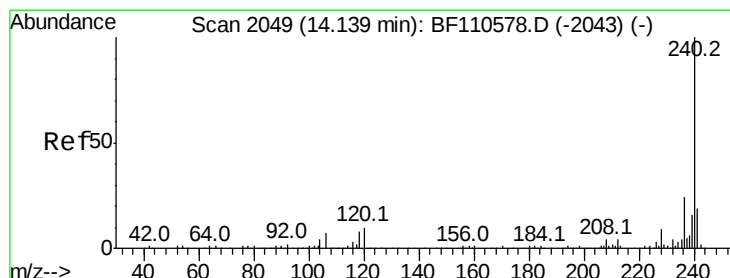
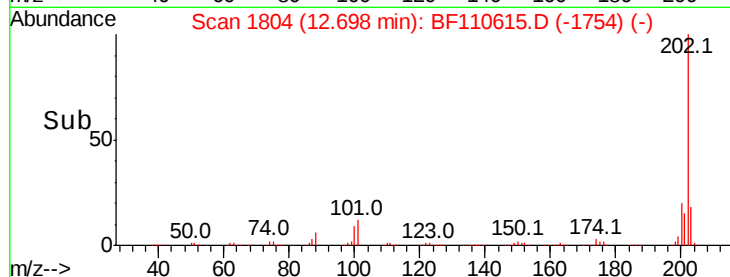
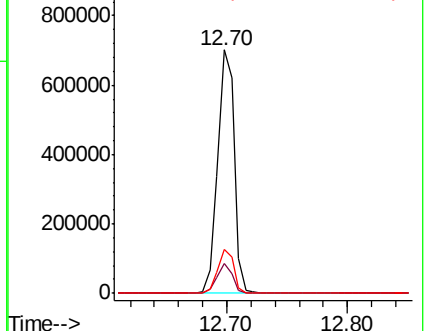
203 17.9 0.0 37.7



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

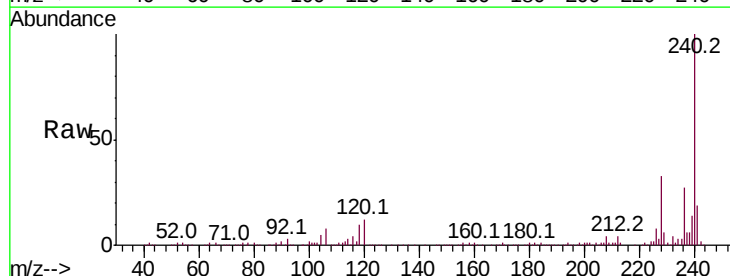
Tgt Ion:240 Resp: 224939

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

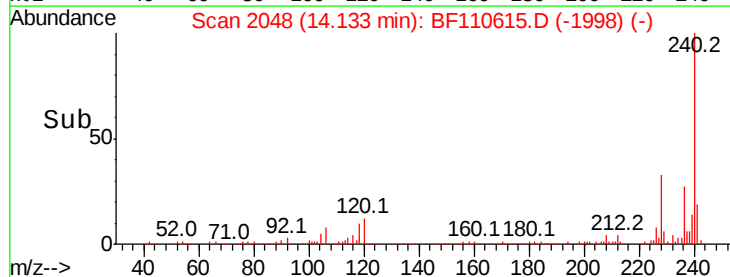
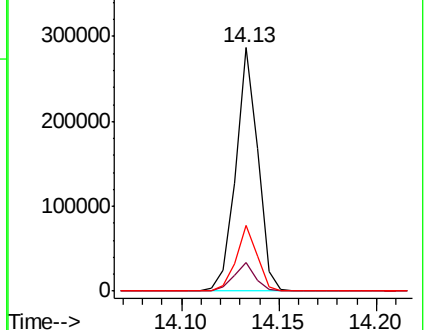
236 26.8 21.2 31.8

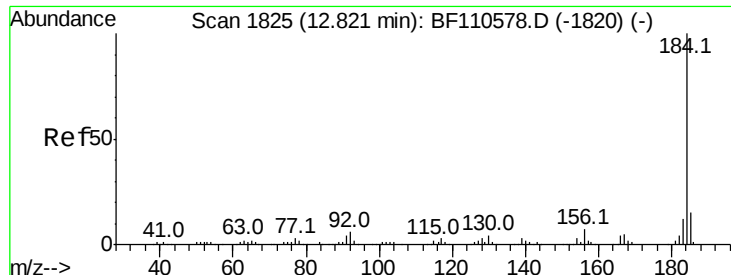


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.034 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

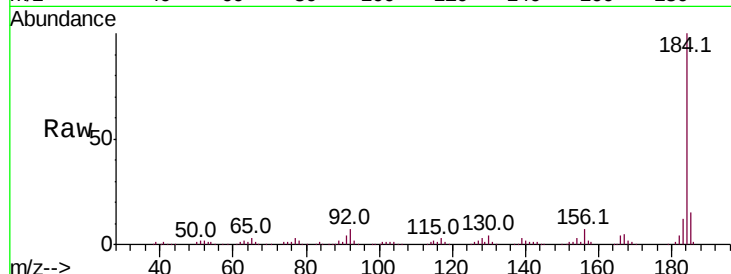
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 229087

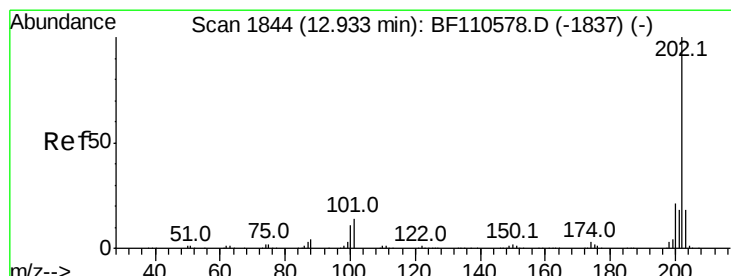
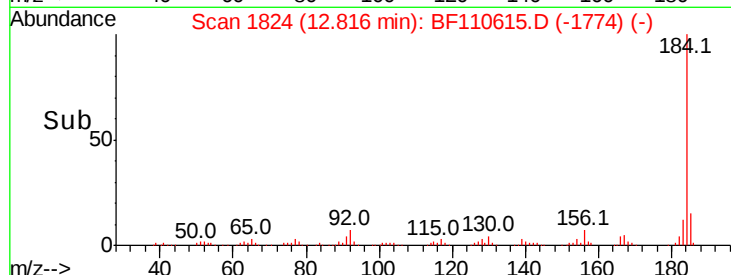
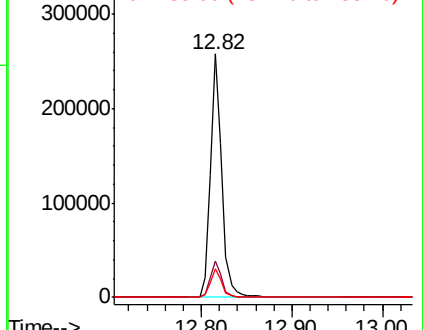
Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.2
183	11.9	9.4	14.2



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: 38.820 ng

RT: 12.93 min Scan# 1844

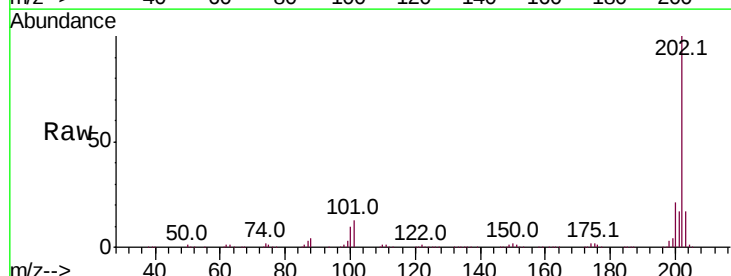
Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Tgt Ion:202 Resp: 672355

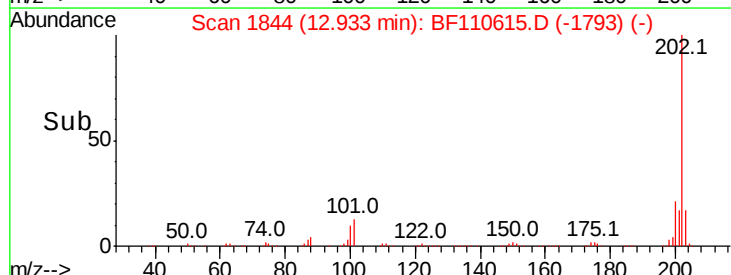
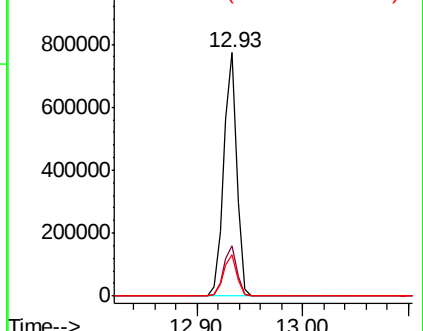
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	16.9	14.2	21.4

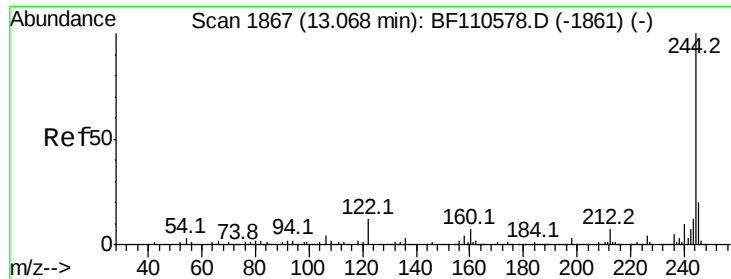


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

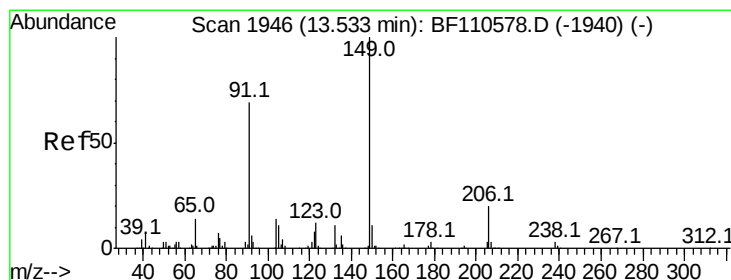
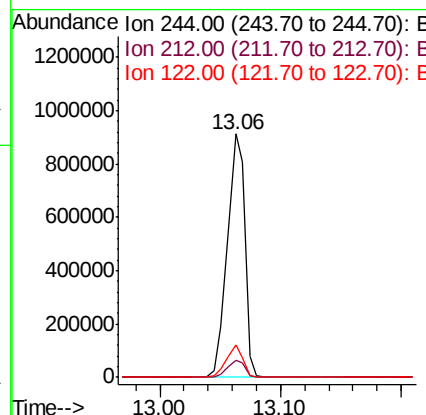
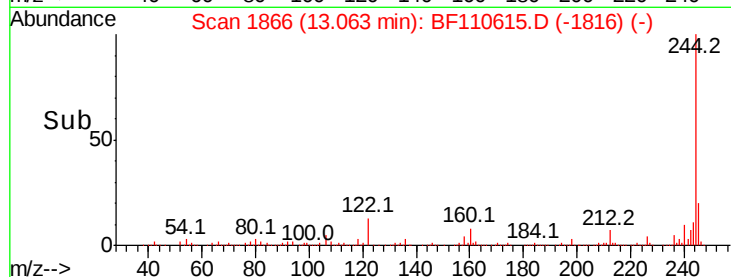
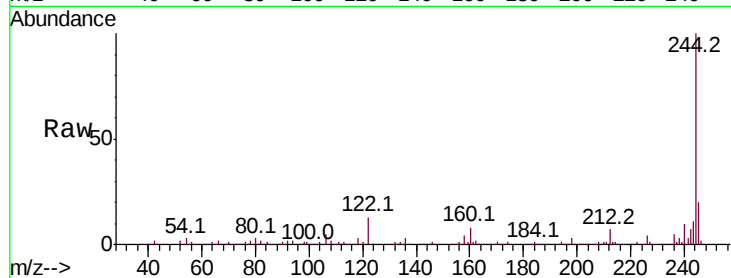




#79
 Terphenyl-d14
 Concen: 75.807 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

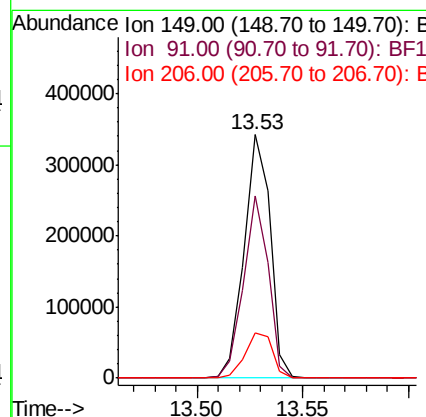
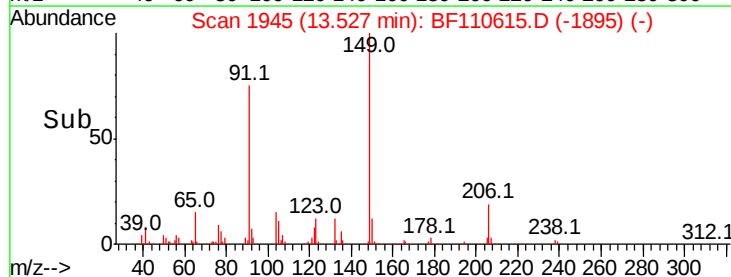
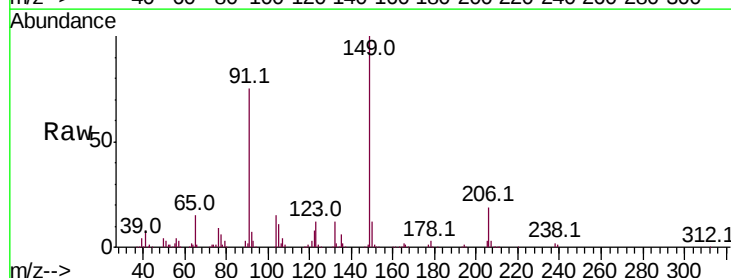
Instrument :
 BNA_F
 ClientSampleId :

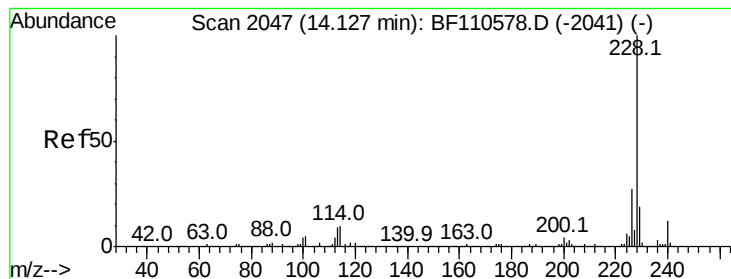
Tot Ion:244 Resp: 910526
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.3 8.7 13.1#



#80
 Butylbenzylphthalate
 Concen: 39.185 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Tgt Ion:149 Resp: 292111
 Ion Ratio Lower Upper
 149 100
 91 74.8 57.2 85.8
 206 18.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.664 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

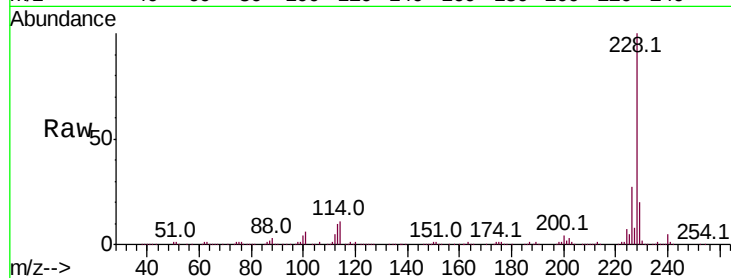
Tot Ion:228 Resp: 533272

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

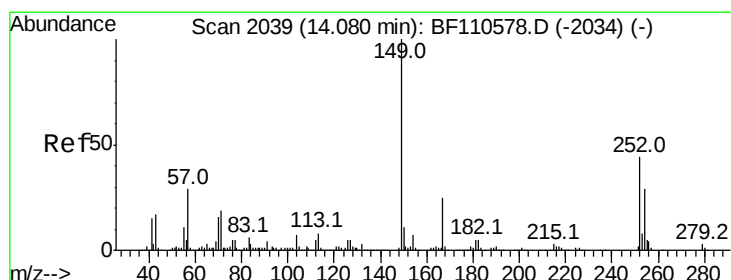
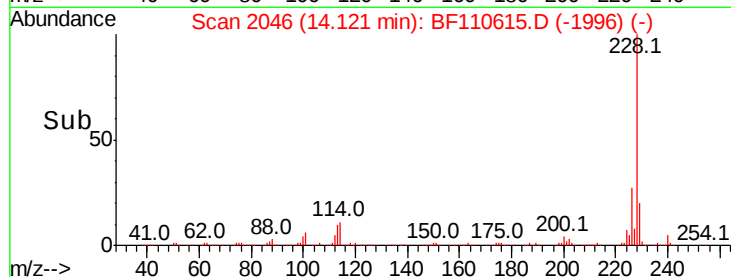
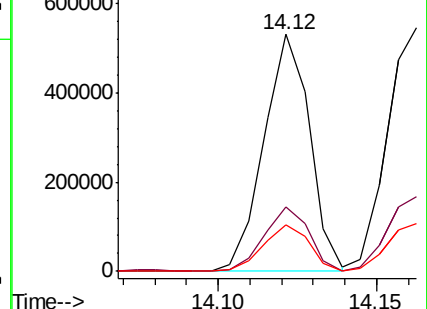
229 19.5 15.6 23.4



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: 39.133 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

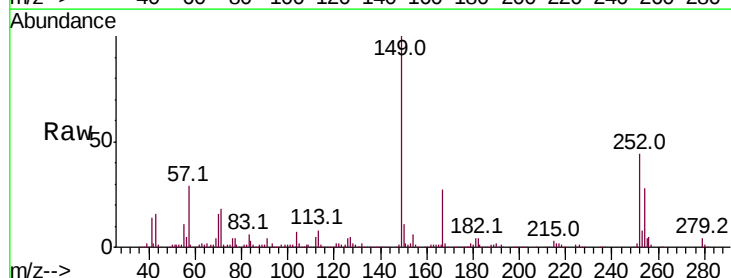
Tgt Ion:252 Resp: 176251

Ion Ratio Lower Upper

252 100

254 65.0 51.3 76.9

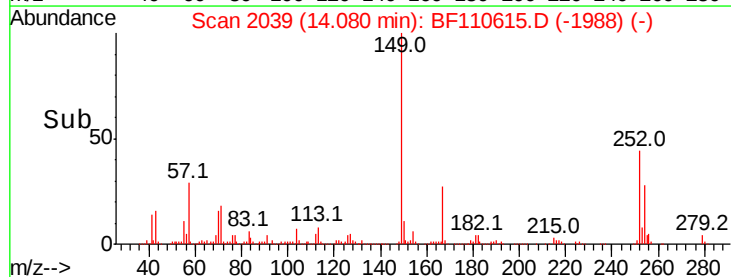
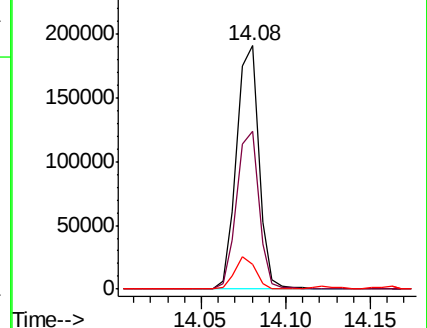
126 10.2 9.4 14.2

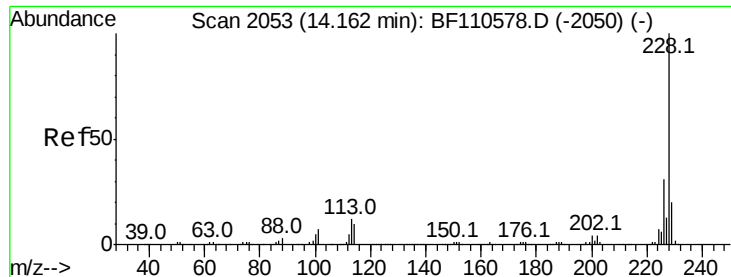


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.562 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

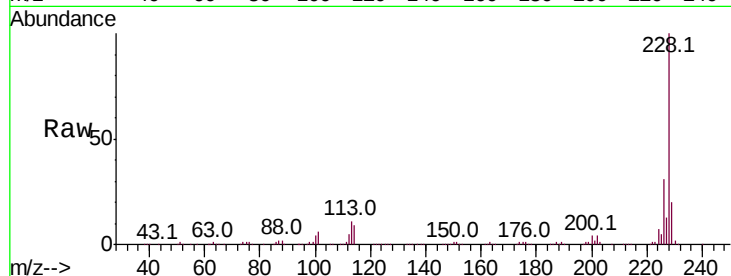
Tot Ion:228 Resp: 506741

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

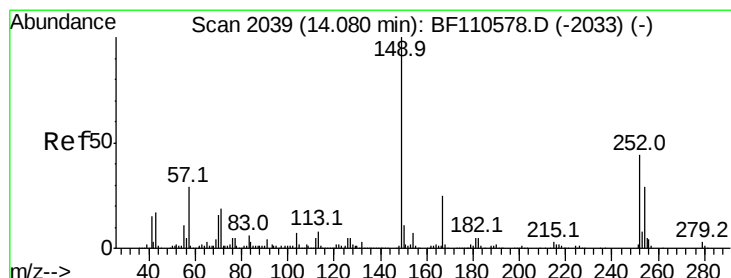
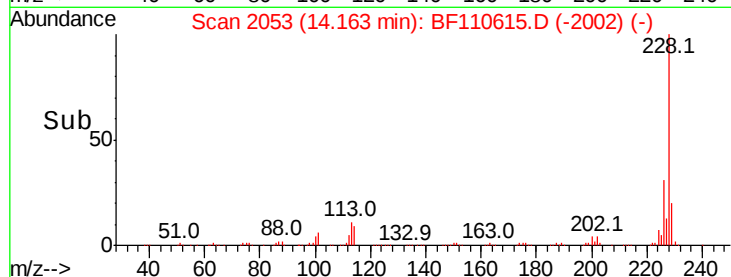
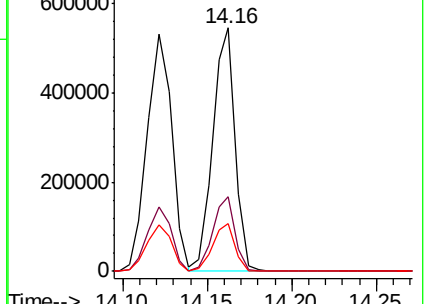
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.280 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

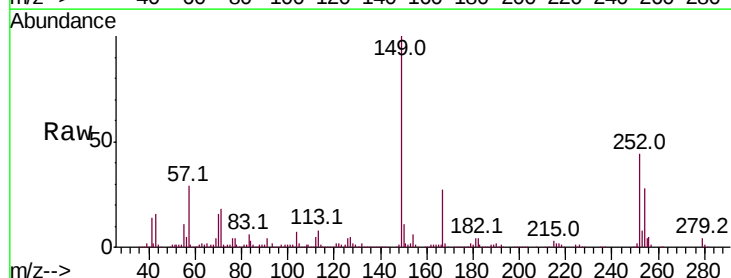
Tgt Ion:149 Resp: 363247

Ion Ratio Lower Upper

149 100

167 26.6 19.8 29.8

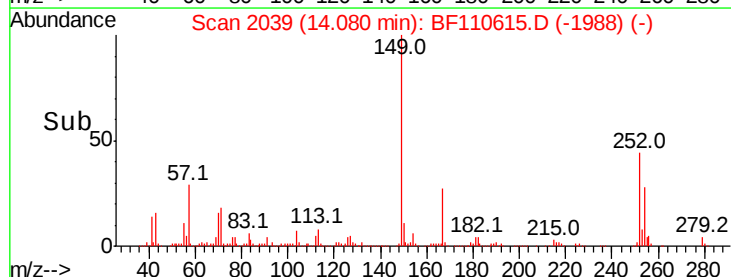
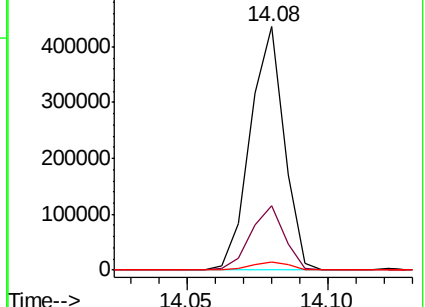
279 3.5 2.7 4.1

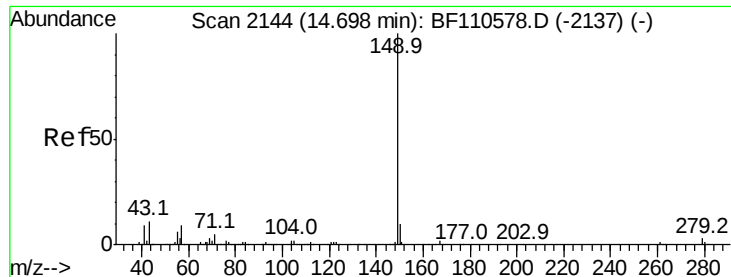


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.335 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

Instrument :

BNA_F

ClientSampleId :

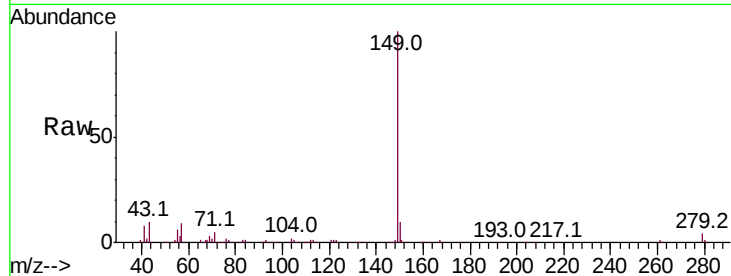
Tot Ion:149 Resp: 548516

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

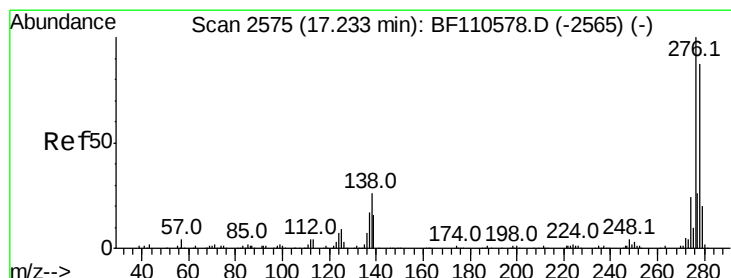
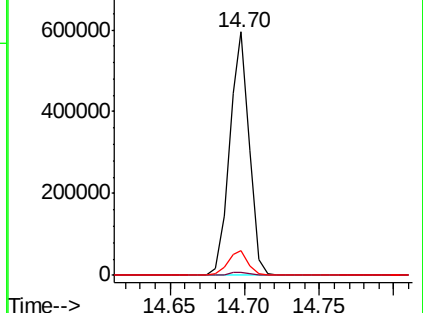
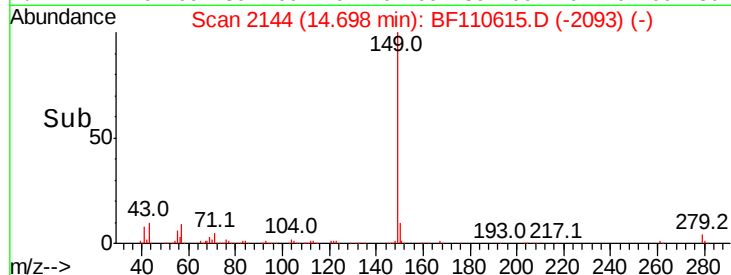
43 10.5 7.8 11.8



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: 36.412 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BF110615.D

Acq: 9 Nov 2018 9:29

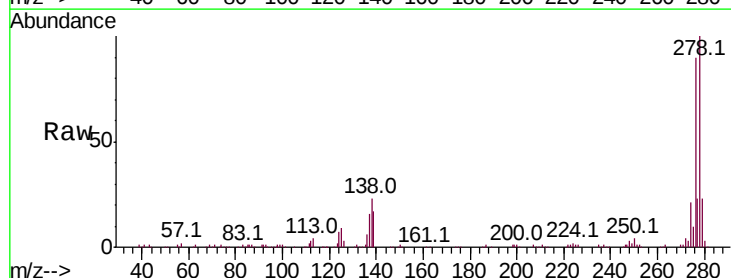
Tgt Ion:276 Resp: 334688

Ion Ratio Lower Upper

276 100

138 25.4 18.5 27.7

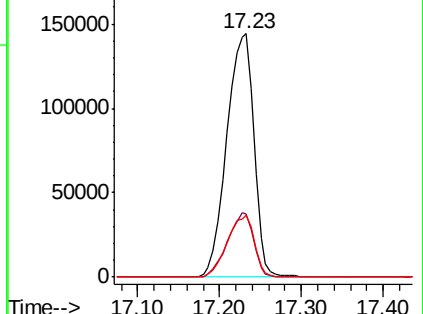
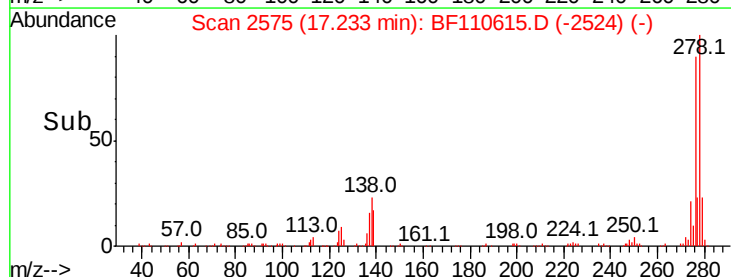
277 25.0 20.0 30.0

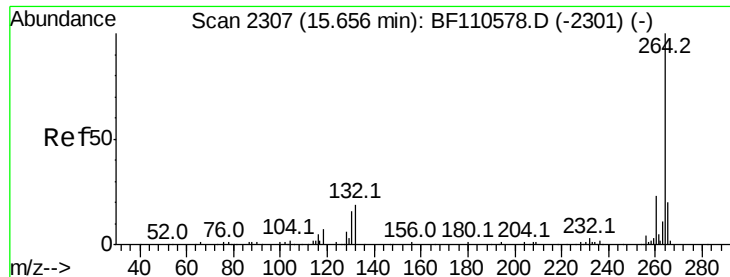


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

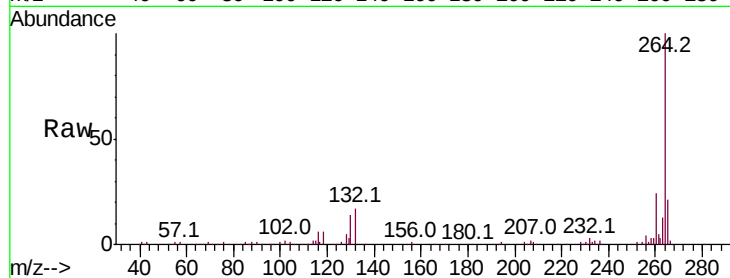




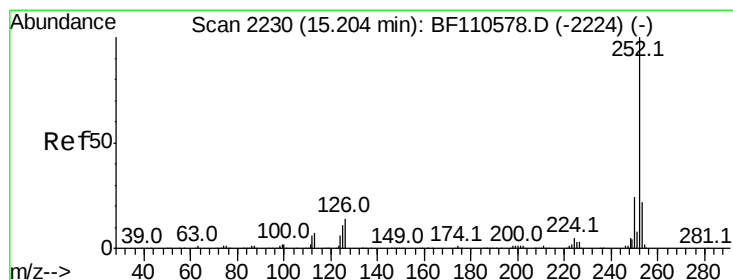
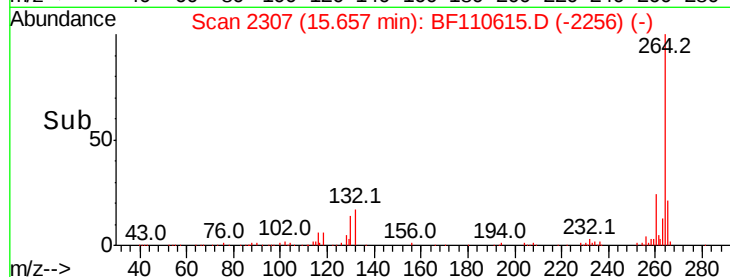
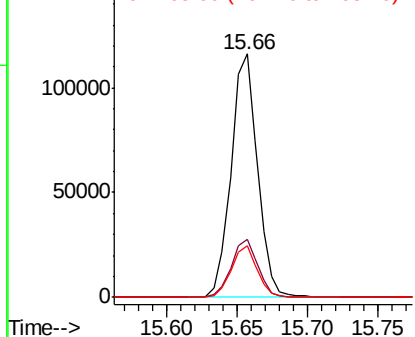
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 151222
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.1 16.7 25.1

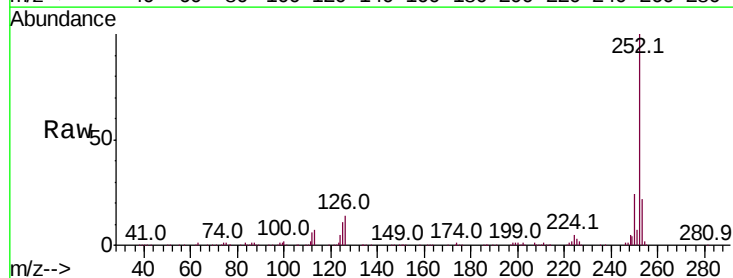


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

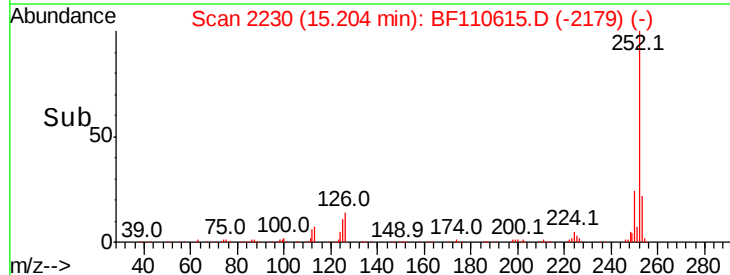
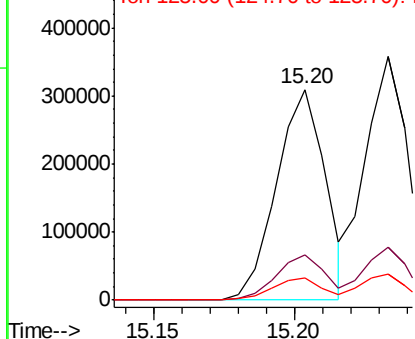


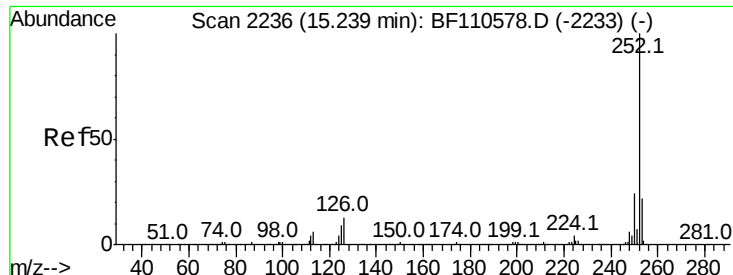
#88
 Benzo(b)fluoranthene
 Concen: 41.151 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BF110615.D
 Acq: 9 Nov 2018 9:29

Tgt Ion:252 Resp: 372280
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.2 25.8
 125 10.7 8.2 12.4



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

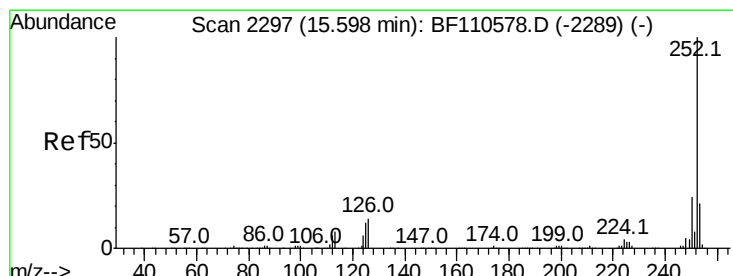
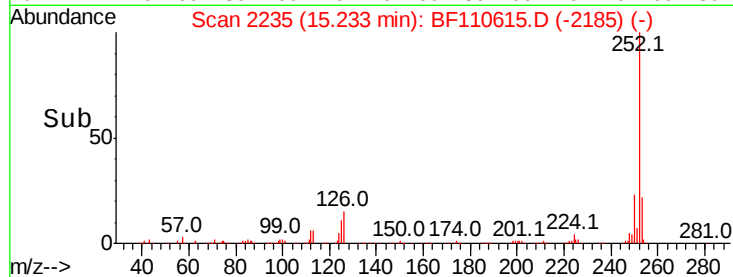
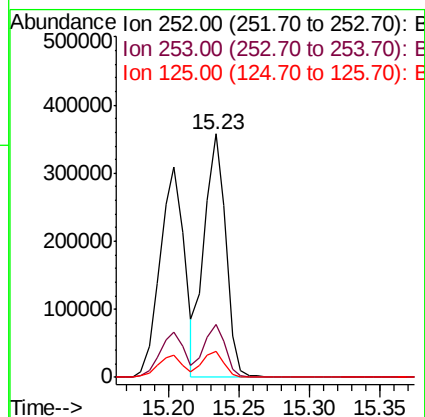
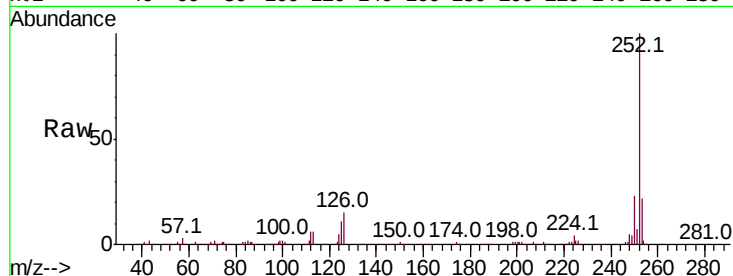




#89
Benzo(k)fluoranthene
Concen: 42.507 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

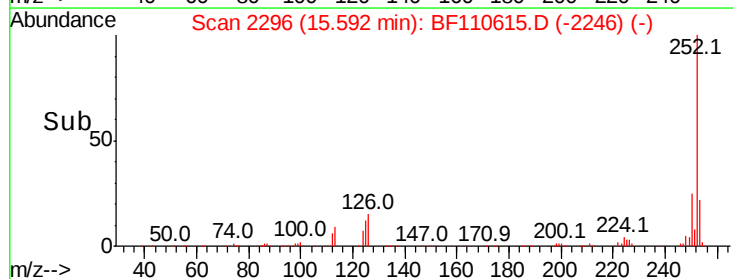
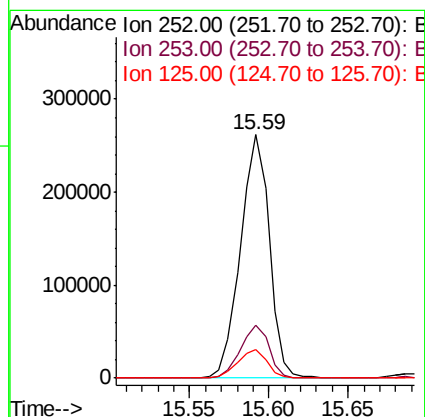
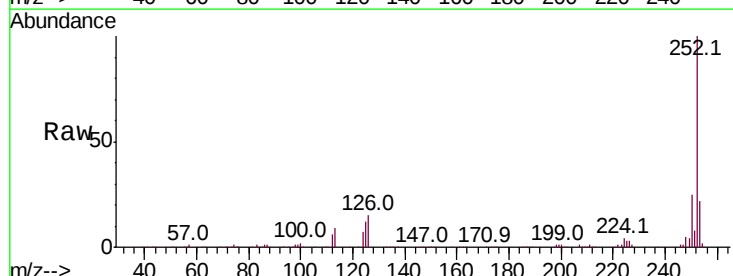
Instrument :
BNA_F
ClientSampled :

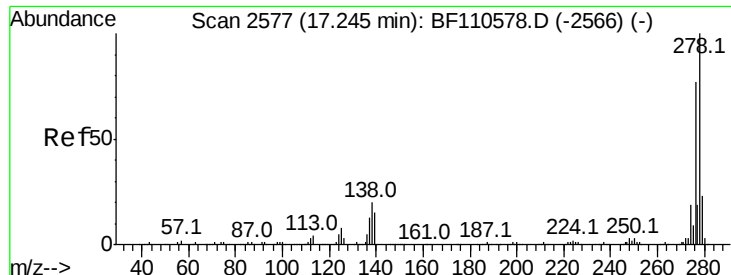
Tot Ion:252 Resp: 379973
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.289 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion:252 Resp: 331156
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 11.6 9.0 13.6

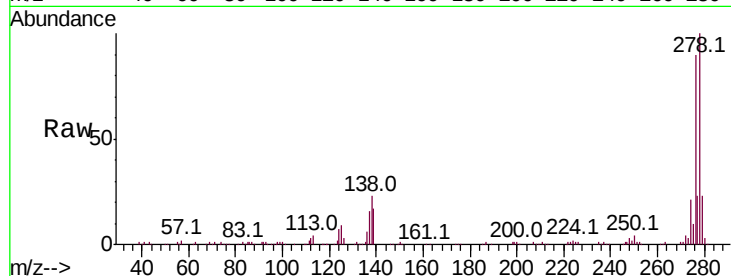




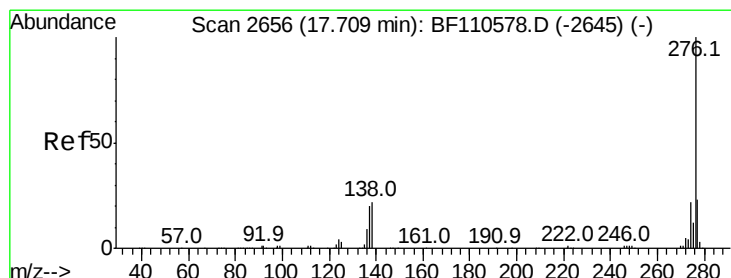
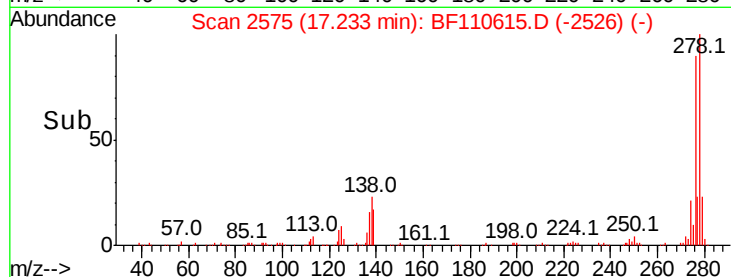
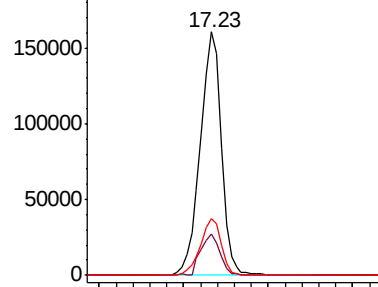
#91
Dibenzo(a,h)anthracene
Concen: 39.737 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.7	19.1
279	23.4	19.0	28.4

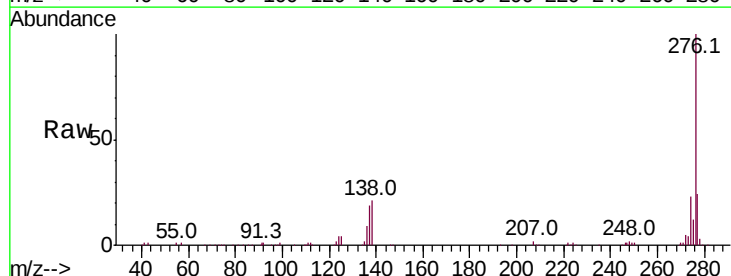


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.054 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110615.D
Acq: 9 Nov 2018 9:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.4	16.0	24.0



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

