

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110819.D
 Acq On : 16 Nov 2018 16:25
 Operator : JU/SJ
 Sample : J5952-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 17:30:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	63614	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	256182	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	119971	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	199657	20.00	ng	0.00
76) Chrysene-d12	14.13	240	143395	20.00	ng	0.00
87) Perylene-d12	15.66	264	116240	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	505663	129.12	ng	0.00
7) Phenol-d6	6.57	99	643071	128.41	ng	0.00
23) Nitrobenzene-d5	7.51	82	409822	92.13	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	146592	121.26	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	717680	85.44	ng	0.00
79) Terphenyl-d14	13.06	244	538951	70.39	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	49341	25.286	ng	86
3) Pyridine	3.59	79	134009	31.816	ng	89
4) n-Nitrosodimethylamine	3.54	42	75611	41.837	ng	90
6) Aniline	6.61	93	129562	19.838	ng	# 54
8) 2-Chlorophenol	6.73	128	173249	37.736	ng	99
9) Benzaldehyde	6.50	77	85215	29.567	ng	93
10) Phenol	6.59	94	220622	37.992	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	153051	35.168	ng	95
12) 1,3-Dichlorobenzene	6.88	146	169449	33.732	ng	98
13) 1,4-Dichlorobenzene	6.96	146	174220	34.154	ng	99
14) 1,2-Dichlorobenzene	7.11	146	166593	35.107	ng	99
15) Benzyl Alcohol	7.08	79	149397	38.120	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	238676	34.923	ng	75
17) 2-Methylphenol	7.19	107	139728	38.241	ng	# 83
18) Hexachloroethane	7.45	117	61789	32.811	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	117135	36.641	ng	96
20) 3+4-Methylphenols	7.19	107	139728	29.790	ng	77
22) Acetophenone	7.35	105	237631	39.801	ng	96
24) Nitrobenzene	7.53	77	180427	39.587	ng	94
25) Isophorone	7.76	82	314716	43.165	ng	98
26) 2-Nitrophenol	7.84	139	88476	38.912	ng	99
27) 2,4-Dimethylphenol	7.87	122	155257	44.836	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	196448	39.795	ng	99
29) 2,4-Dichlorophenol	8.08	162	144200	40.471	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	149551	37.227	ng	95
31) Naphthalene	8.25	128	539147	44.830	ng	100
32) Benzoic acid	7.96	122	9401	3.837	ng	92
33) 4-Chloroaniline	8.30	127	70961	13.026	ng	97
34) Hexachlorobutadiene	8.35	225	80048	34.886	ng	96
35) Caprolactam	8.67	113	41644	34.983	ng	97
36) 4-Chloro-3-methylphenol	8.78	107	156418	40.705	ng	97
37) 2-Methylnaphthalene	8.93	142	353184	44.798	ng	98
38) 1-Methylnaphthalene	8.93	142	353184	46.582	ng	94
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	138084	36.361	ng	99

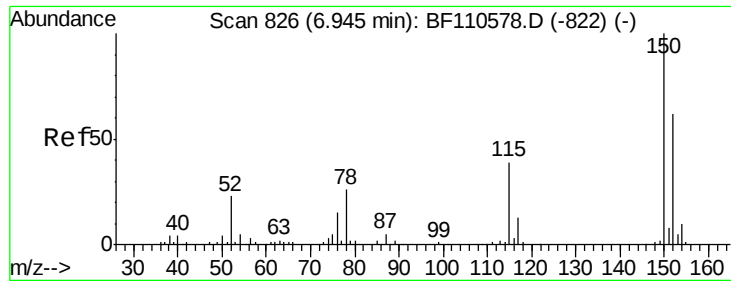
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110819.D
 Acq On : 16 Nov 2018 16:25
 Operator : JU/SJ
 Sample : J5952-03MSD
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Quant Time: Nov 16 17:30:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	11050	14.376	nq	95
43) 2,4,6-Trichlorophenol	9.22	196	96581	40.472	nq	98
44) 2,4,5-Trichlorophenol	9.26	196	100639	39.535	nq	95
46) 1,1'-Biphenyl	9.40	154	399593	35.705	nq	99
47) 2-Chloronaphthalene	9.43	162	301367	37.377	nq	99
48) 2-Nitroaniline	9.53	65	102078	41.084	nq	94
49) Acenaphthylene	9.85	152	493546	42.505	nq	98
50) Dimethylphthalate	9.70	163	452404	50.537	nq	100
51) 2,6-Dinitrotoluene	9.77	165	78865	40.048	nq	96
52) Acenaphthene	10.02	154	287285	39.150	nq	98
53) 3-Nitroaniline	9.95	138	60969	26.724	nq	91
54) 2,4-Dinitrophenol	10.07	184	6381	12.358	nq	92
55) Dibenzofuran	10.19	168	413244	38.491	nq	96
56) 4-Nitrophenol	10.11	139	104320	68.922	nq	97
57) 2,4-Dinitrotoluene	10.18	165	99223	38.752	nq	94
58) Fluorene	10.53	166	347243	42.108	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	79358	39.629	nq	94
60) Diethylphthalate	10.39	149	348321	39.330	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	152832	35.794	nq	96
62) 4-Nitroaniline	10.56	138	73297	31.904	nq	96
63) Azobenzene	10.68	77	309409	35.809	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	10246	10.182	nq	88
66) n-Nitrosodiphenylamine	10.64	169	284578	42.286	nq	98
67) 4-Bromophenyl-phenylether	11.01	248	86347	39.131	nq	# 90
68) Hexachlorobenzene	11.09	284	86622	37.234	nq	96
69) Atrazine	11.16	200	87818	42.678	nq	97
70) Pentachlorophenol	11.29	266	66329	53.432	nq	95
71) Phenanthrene	11.50	178	682933	63.846	nq	100
72) Anthracene	11.56	178	501357	46.464	nq	99
73) Carbazole	11.71	167	376308	36.314	nq	99
74) Di-n-butylphthalate	12.02	149	485783	39.976	nq	99
75) Fluoranthene	12.70	202	711040	66.303	nq	99
77) Benzidine	12.82	184	120081	30.451	nq	97
78) Pyrene	12.93	202	709525	64.262	nq	98
80) Butylbenzylphthalate	13.53	149	169774	35.725	nq	96
81) Benzo(a)anthracene	14.12	228	514524	60.032	nq	98
82) 3,3'-Dichlorobenzidine	14.07	252	91574	31.894	nq	98
83) Chrysene	14.16	228	465290	56.983	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	239389	40.607	nq	96
85) Di-n-octyl phthalate	14.69	149	413355	47.681	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	268283	45.786	nq	99
88) Benzo(b)fluoranthene	15.21	252	434231	62.444	nq	99
89) Benzo(k)fluoranthene	15.24	252	341161	49.651	nq	99
90) Benzo(a)pyrene	15.60	252	374934	59.343	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	192673	36.036	nq	99
92) Benzo(g,h,i)perylene	17.72	276	229575	43.276	nq	99

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

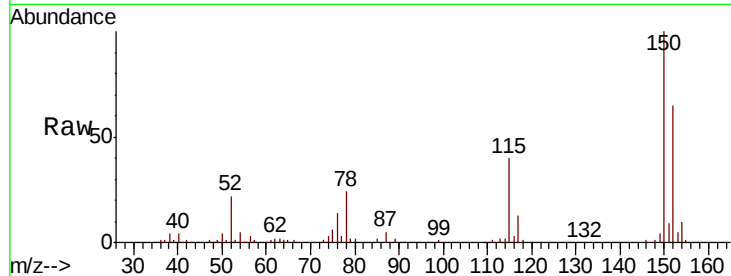


#1

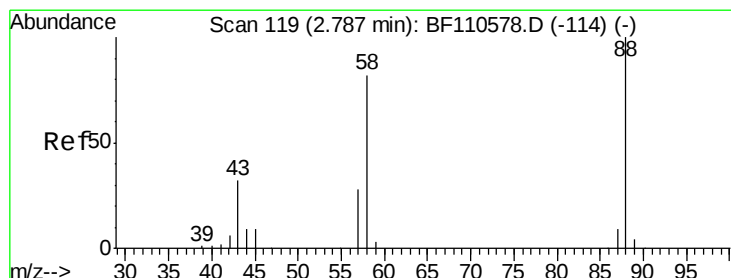
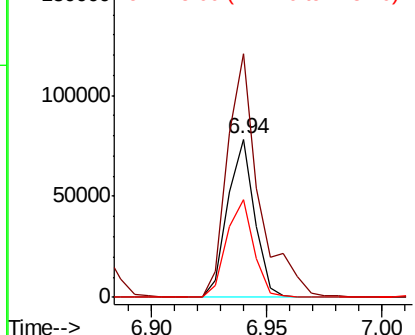
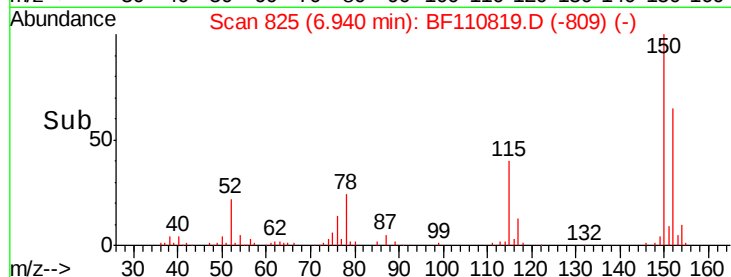
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63614
Ion Ratio Lower Upper
152 100
150 154.1 122.7 184.1
115 61.7 49.1 73.7



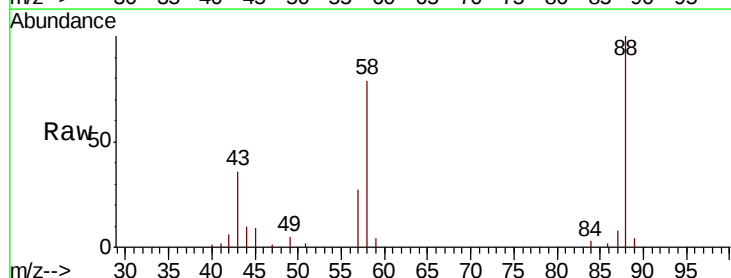
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



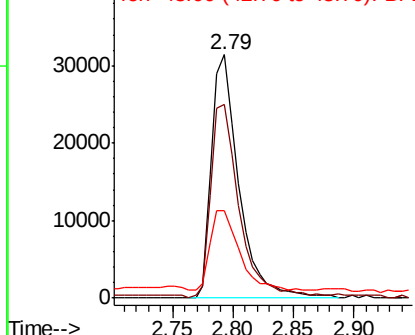
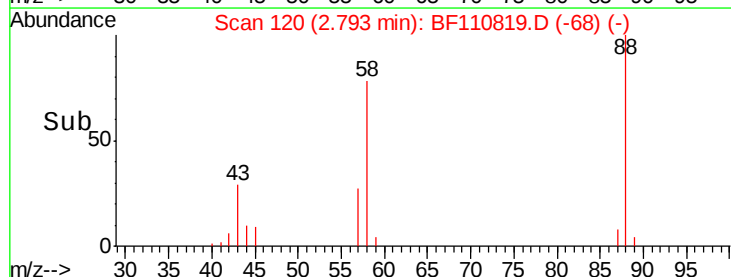
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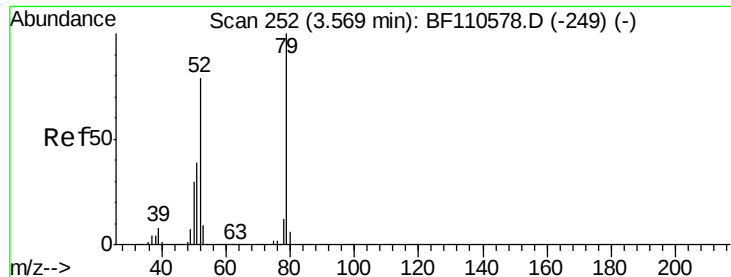
1,4-Dioxane
Concen: 25.286 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion: 88 Resp: 49341
Ion Ratio Lower Upper
88 100
58 84.9 57.1 85.7
43 34.9 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: 31.816 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.02 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

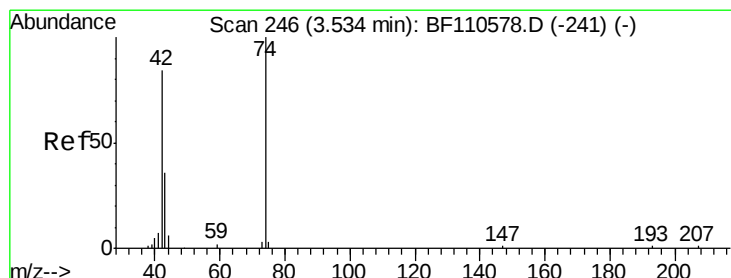
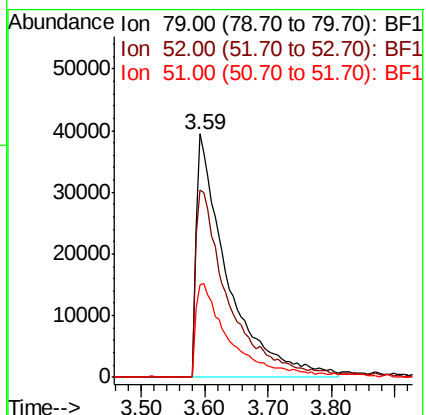
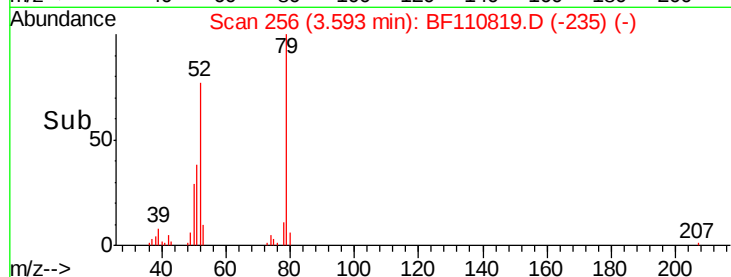
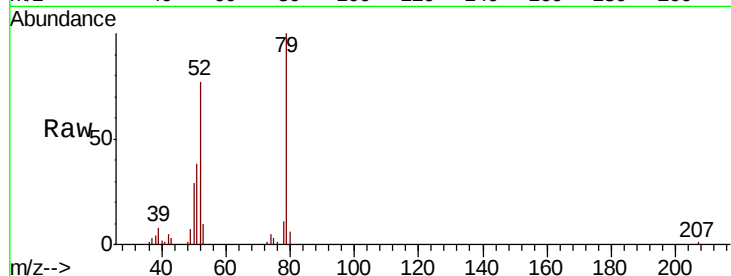
Tot Ion: 79 Resp: 134009

Ion Ratio Lower Upper

79 100

52 77.1 53.1 79.7

51 38.3 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 41.837 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

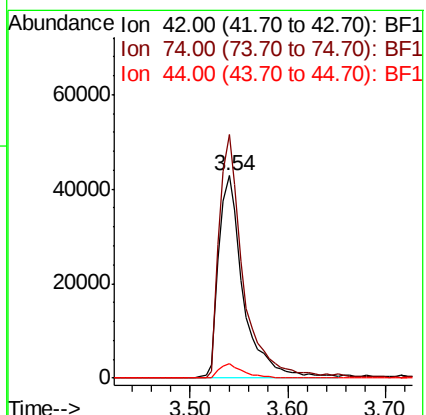
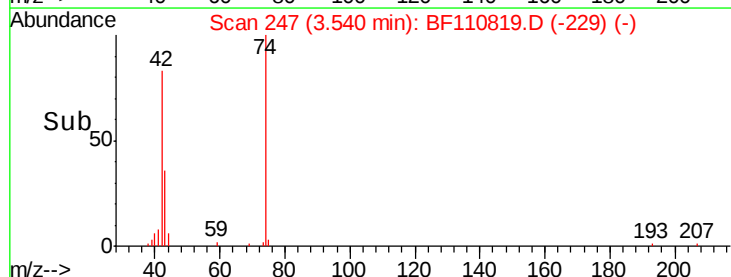
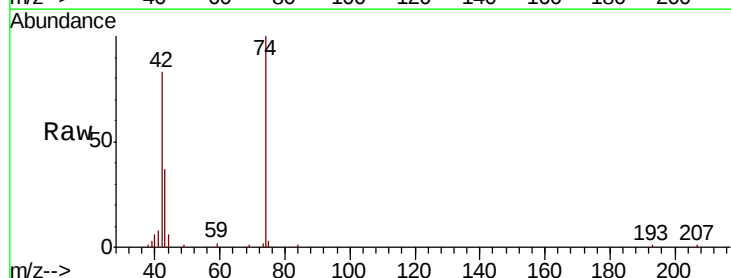
Tgt Ion: 42 Resp: 75611

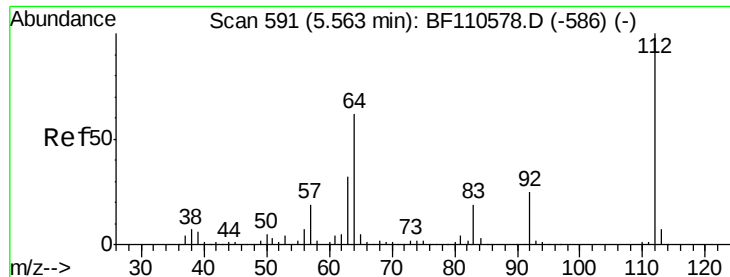
Ion Ratio Lower Upper

42 100

74 120.2 105.5 158.3

44 7.1 4.9 7.3





#5

2-Fluorophenol

Concen: 129.116 ng

RT: 5.56 min Scan# 591

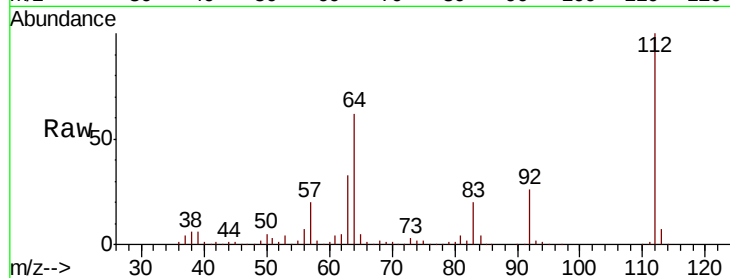
Delta R.T. 0.00 min

Lab File: BF110819.D

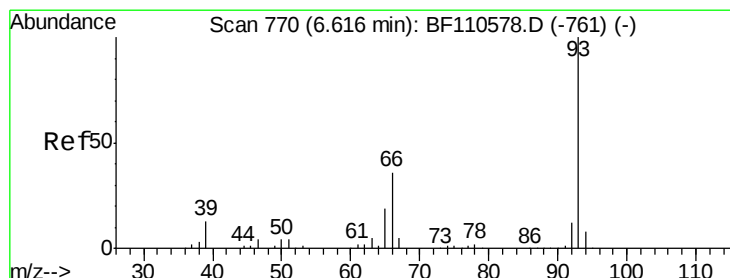
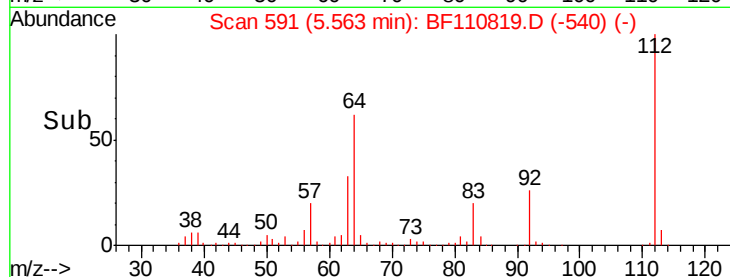
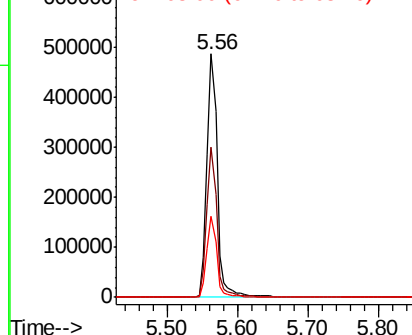
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	505663
Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	33.4	23.7	35.5



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



#6

Aniline

Concen: 19.838 ng

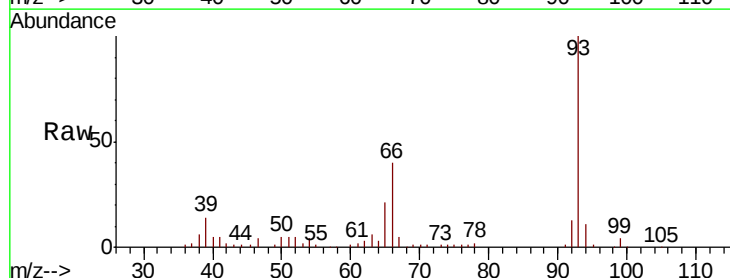
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

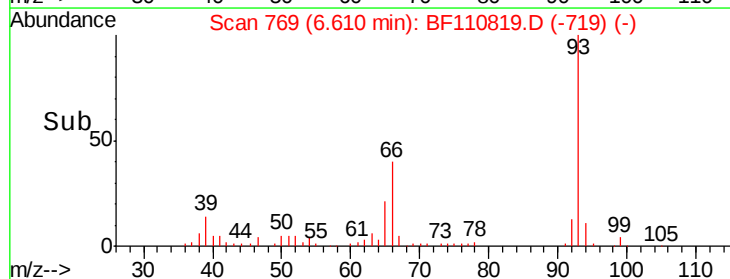
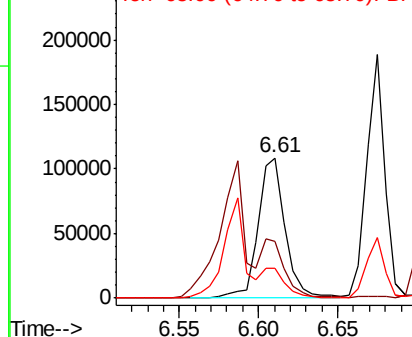
Lab File: BF110819.D

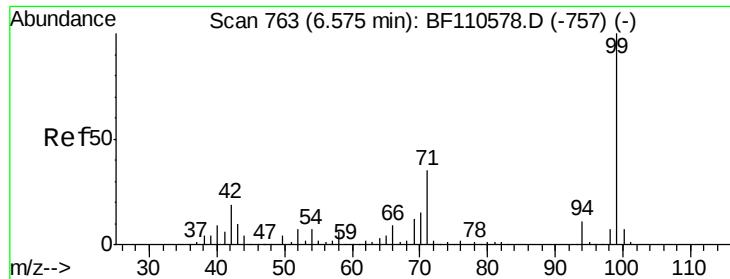
Acq: 16 Nov 2018 16:25

Tgt Ion:	93	Resp:	129562
Ion	Ratio	Lower	Upper
93	100		
66	40.0	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: 128.407 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

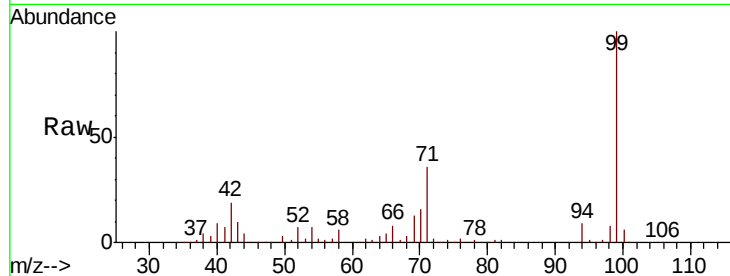
Tot Ion: 99 Resp: 643071

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

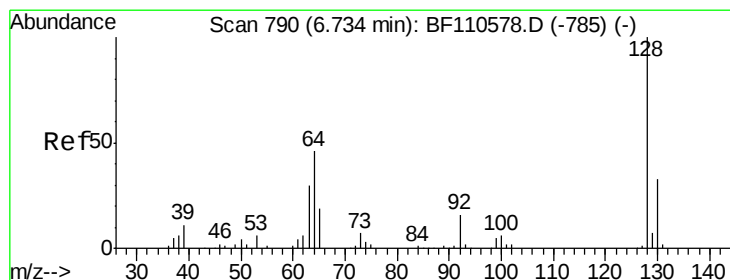
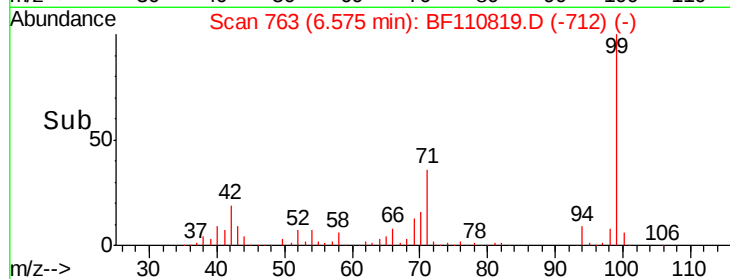
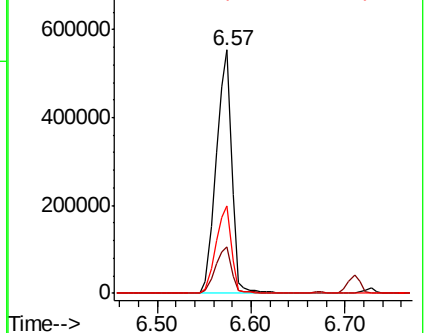
71 35.8 28.0 42.0



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: 37.736 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

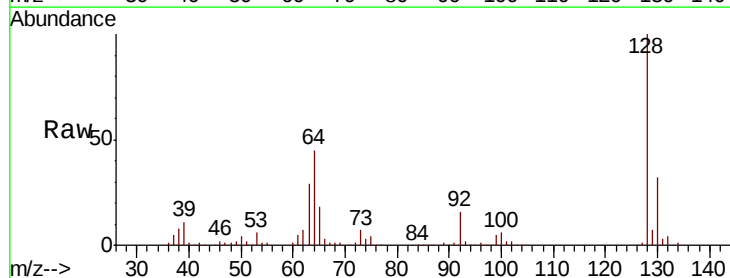
Tgt Ion:128 Resp: 173249

Ion Ratio Lower Upper

128 100

130 32.1 13.1 53.1

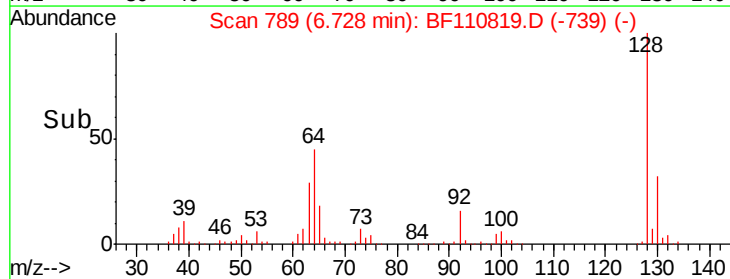
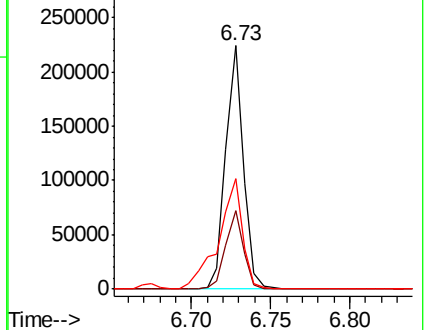
64 45.3 26.0 66.0

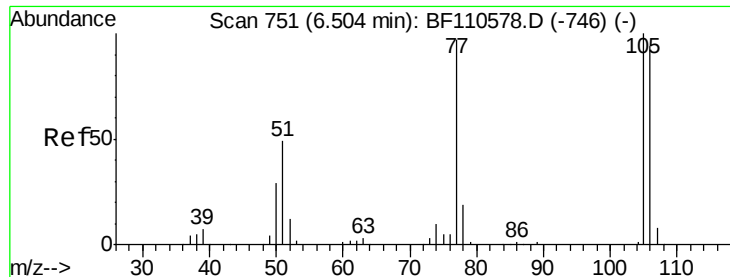


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.567 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampled :

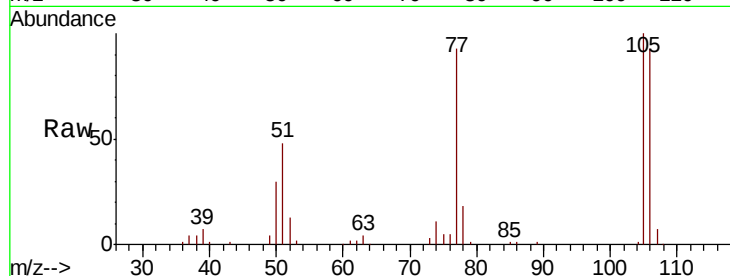
Tot Ion: 77 Resp: 85215

Ion Ratio Lower Upper

77 100

105 107.0 78.6 118.6

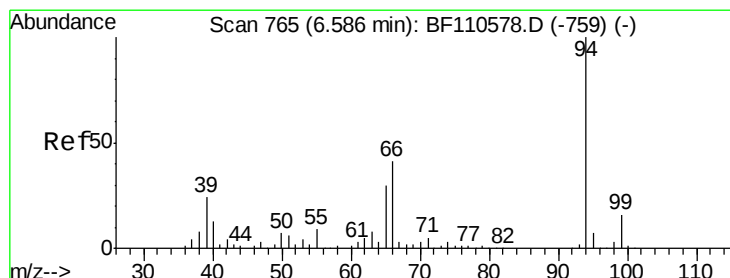
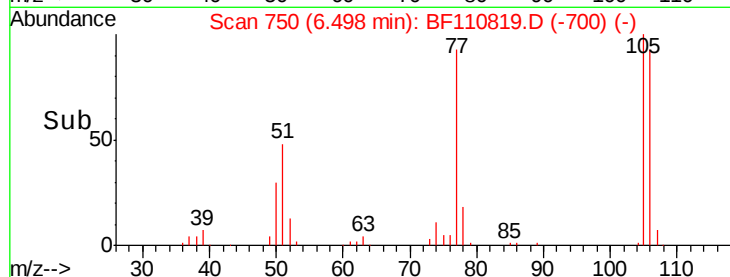
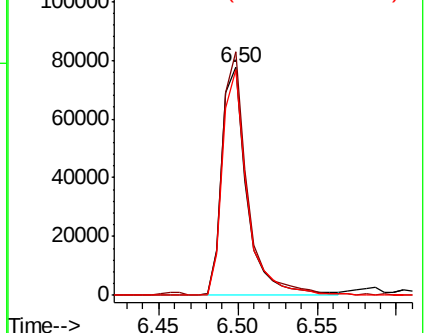
106 99.4 74.8 114.8



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: 37.992 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

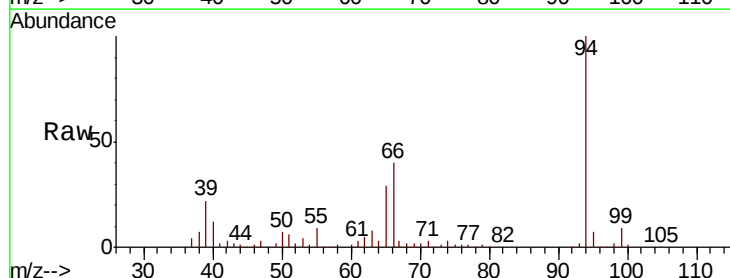
Tgt Ion: 94 Resp: 220622

Ion Ratio Lower Upper

94 100

65 29.2 25.3 65.3

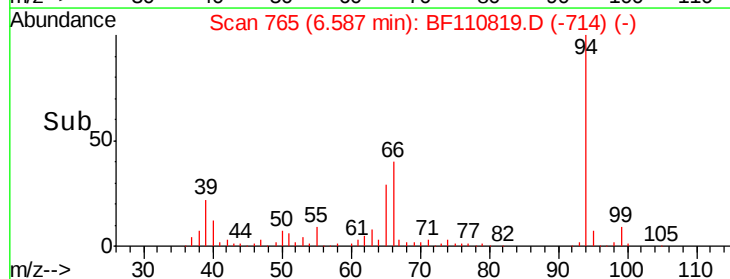
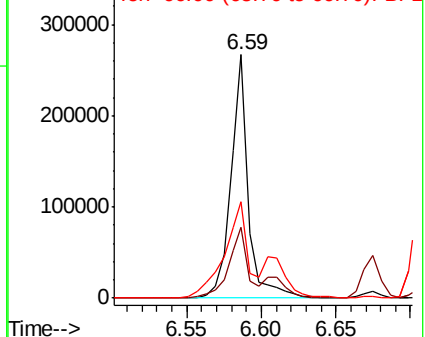
66 39.8 54.5 94.5#



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

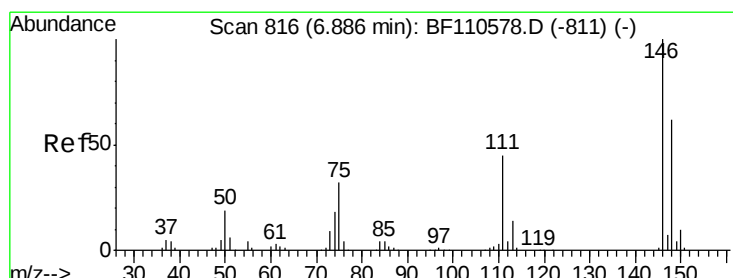
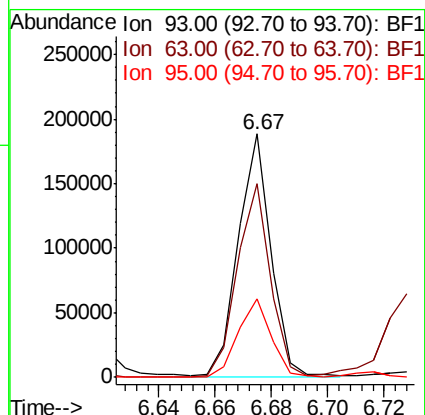
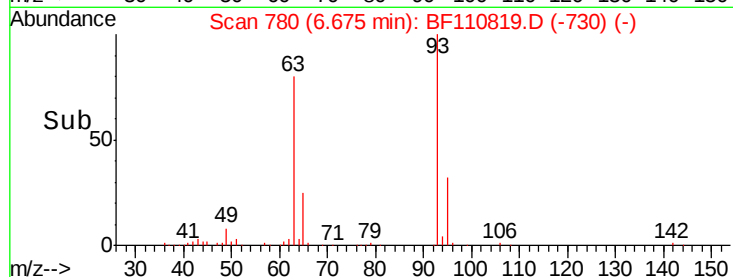
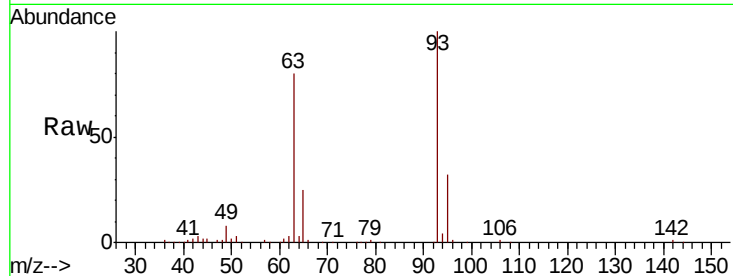




#11
 bis(2-Chloroethyl)ether
 Concen: 35.168 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

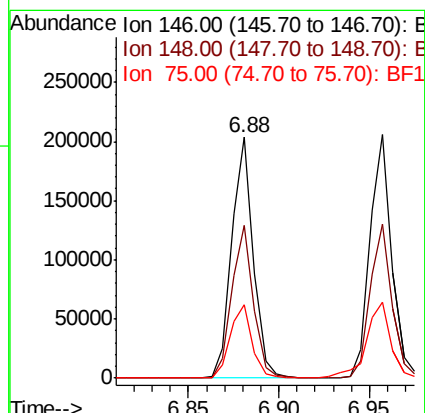
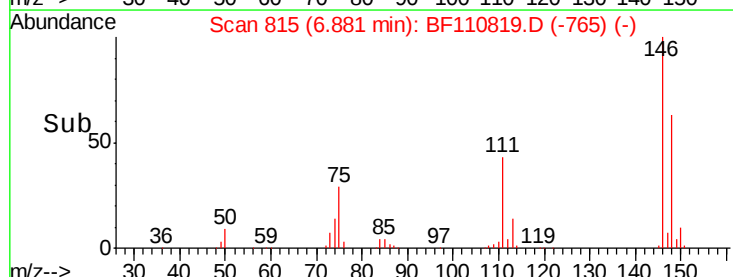
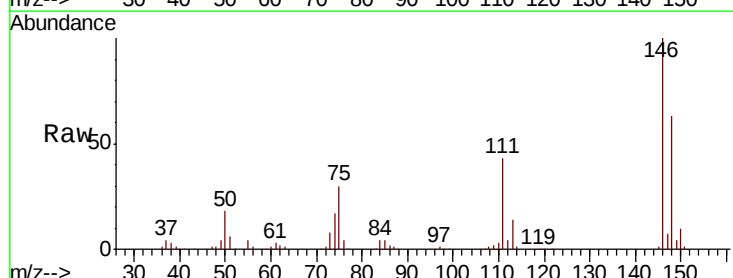
Instrument :
 BNA_F
 ClientSampled :

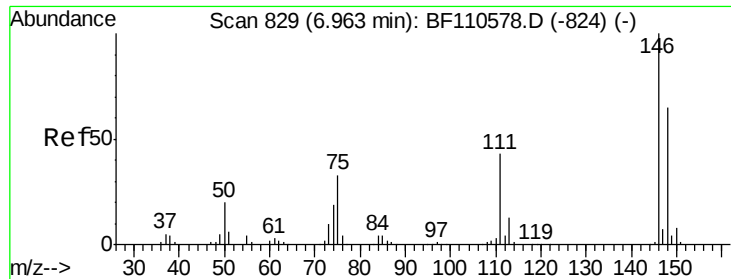
Tot Ion: 93 Resp: 153051
 Ion Ratio Lower Upper
 93 100
 63 79.6 53.4 93.4
 95 32.3 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 33.732 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion: 146 Resp: 169449
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 75 30.3 25.8 38.6

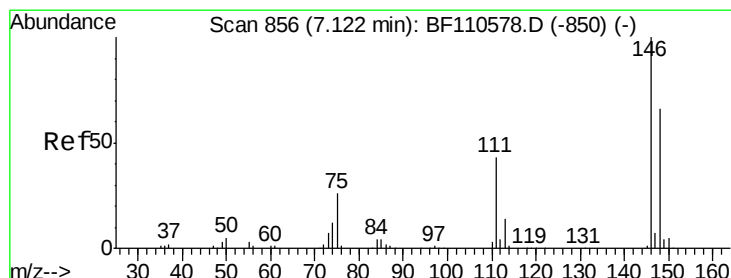
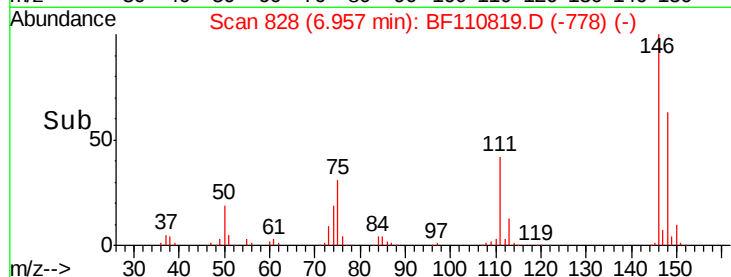
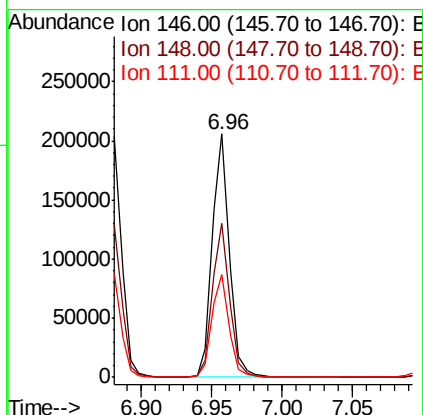
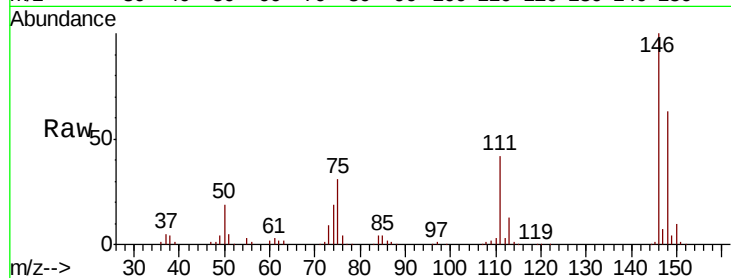




#13
 1,4-Dichlorobenzene
 Concen: 34.154 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

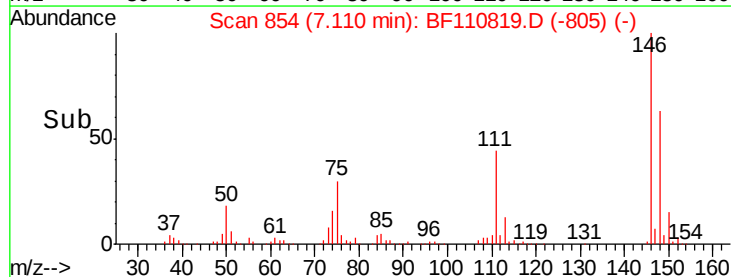
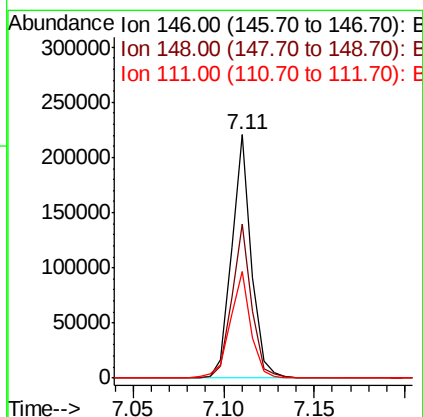
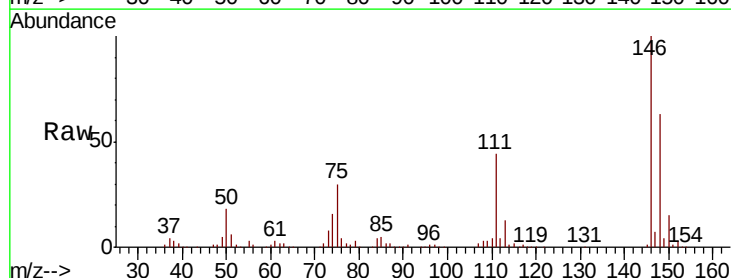
Instrument :
 BNA_F
 ClientSampled :

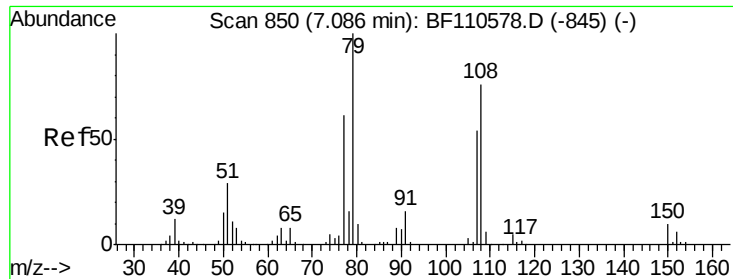
Tot Ion:146 Resp: 174220
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.3 75.5
 111 42.4 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 35.107 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion:146 Resp: 166593
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 44.0 35.8 53.6





#15

Benzyl Alcohol

Concen: 38.120 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampled :

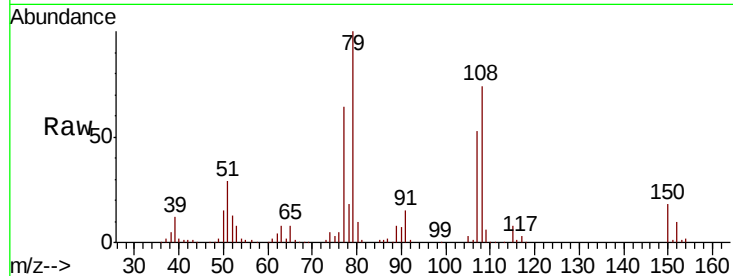
Tot Ion: 79 Resp: 149397

Ion Ratio Lower Upper

79 100

108 74.1 56.3 84.5

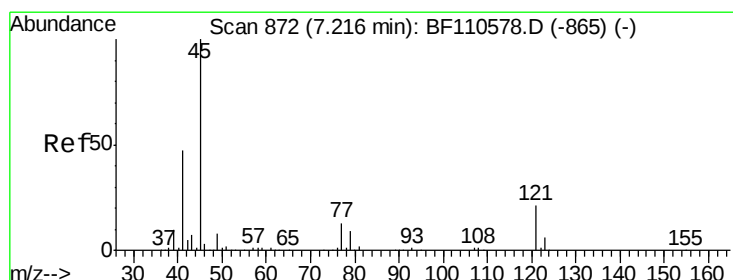
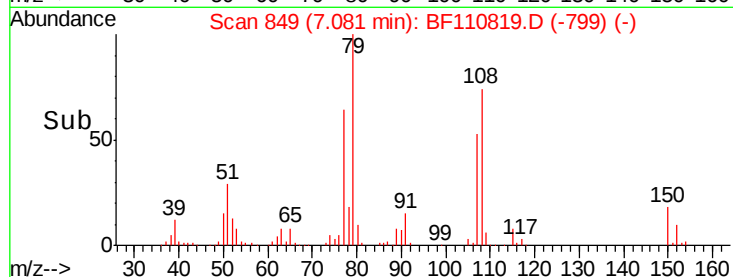
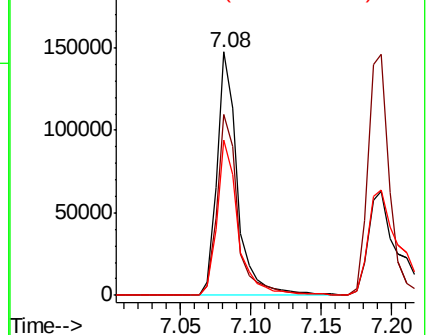
77 63.8 52.9 79.3



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: 34.923 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

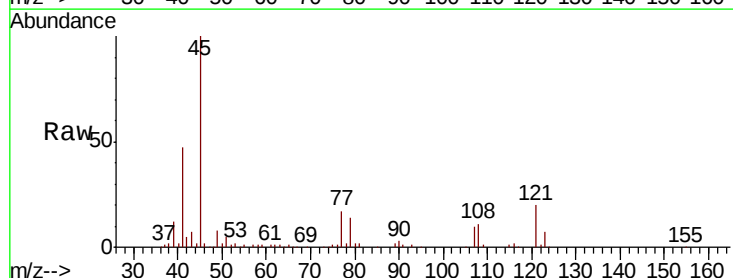
Tgt Ion: 45 Resp: 238676

Ion Ratio Lower Upper

45 100

77 16.7 10.0 50.0

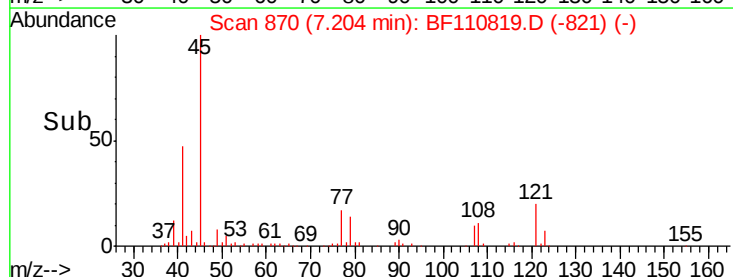
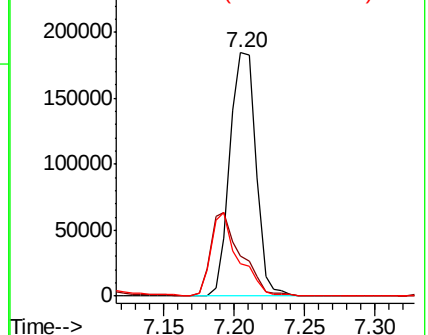
79 13.5 6.1 46.1

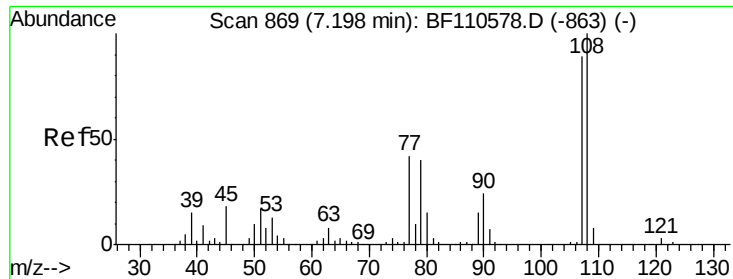


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

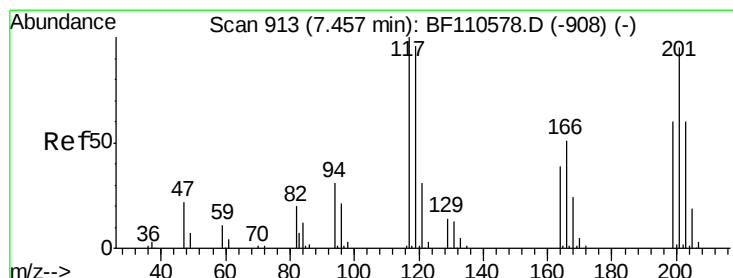
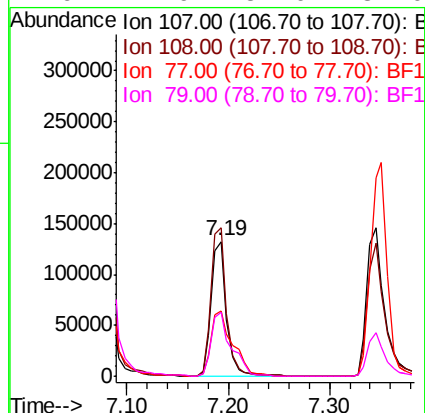
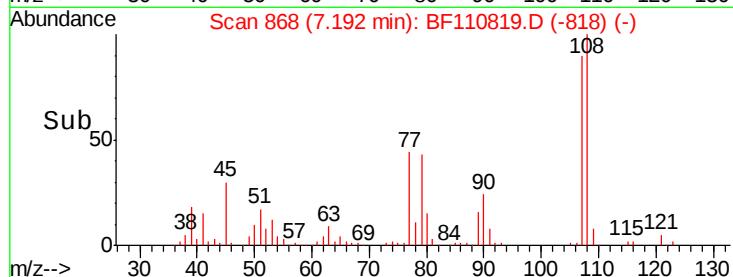
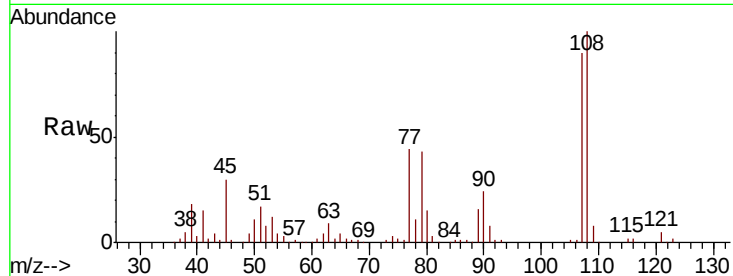




#17
2-Methylphenol
Concen: 38.241 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

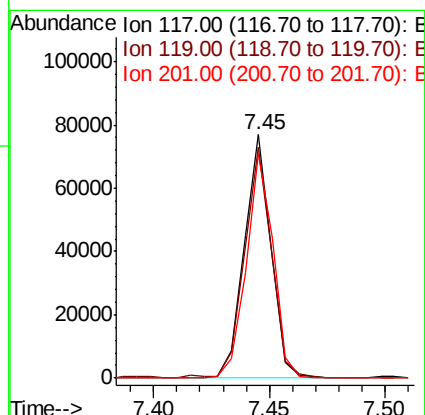
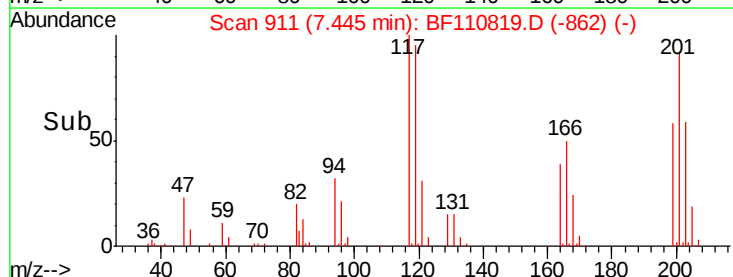
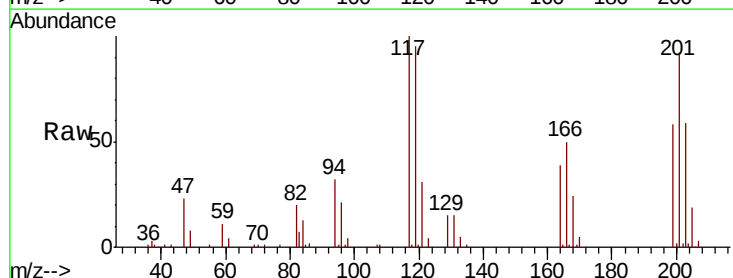
Instrument :
BNA_F
ClientSampleId :

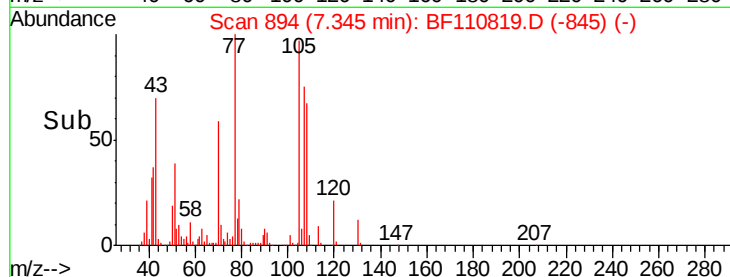
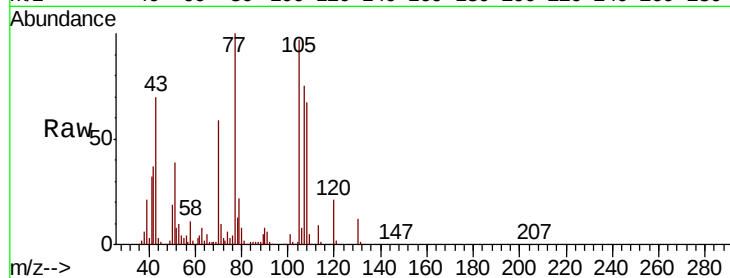
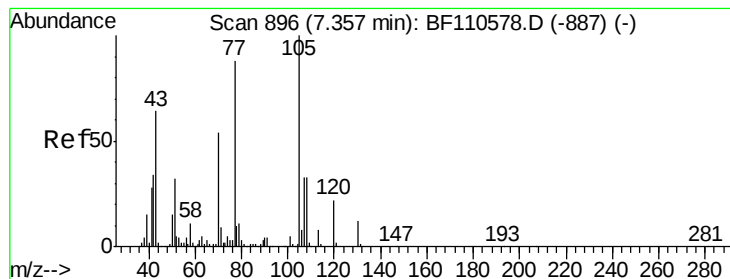
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	92.6	138.8
77	48.1	59.4	89.2#
79	47.9	54.0	81.0#



#18
Hexachloroethane
Concen: 32.811 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.0	112.6
201	92.2	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 36.641 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 117135

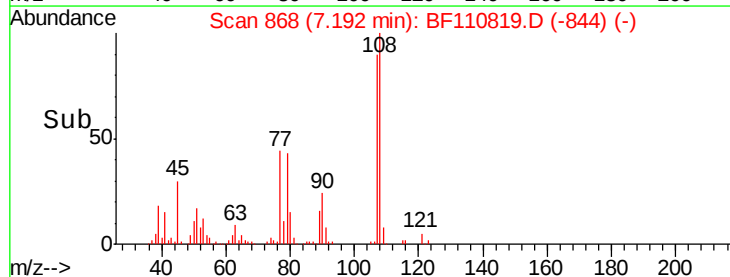
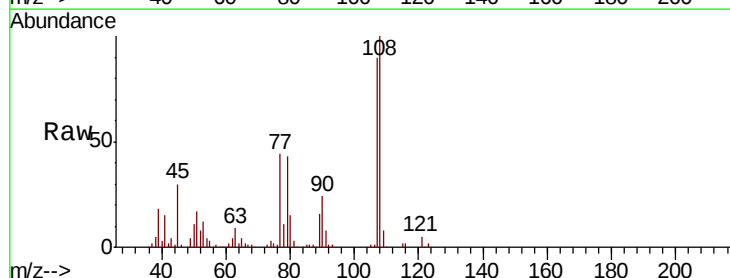
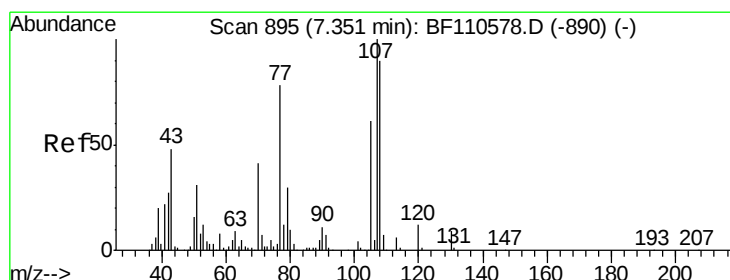
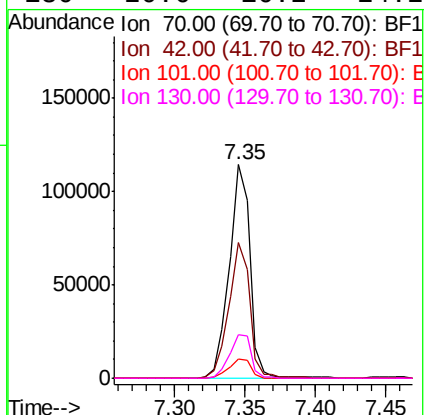
Ion Ratio Lower Upper

70 100

42 63.6 47.4 71.2

101 9.3 7.3 10.9

130 20.6 16.2 24.2



#20

3+4-Methylphenols

Concen: 29.790 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.16 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Tgt Ion:107 Resp: 139728

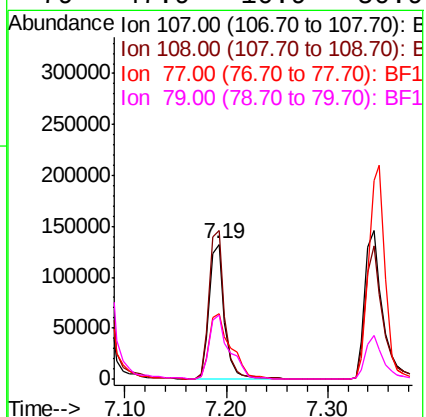
Ion Ratio Lower Upper

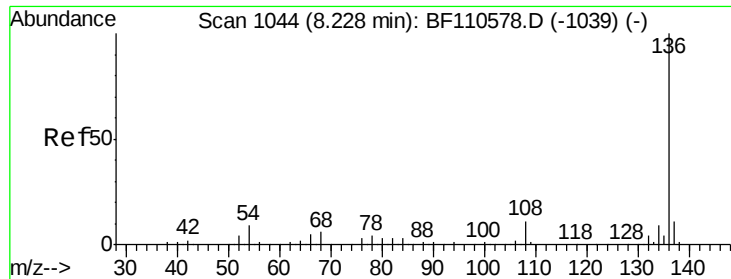
107 100

108 110.6 71.4 111.4

77 48.1 47.3 87.3

79 47.9 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 256182

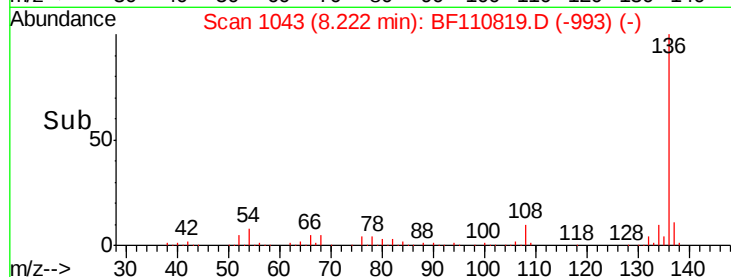
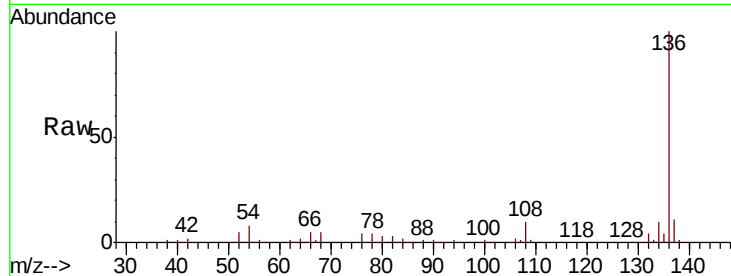
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.8 5.4 8.2

68 4.8 4.2 6.2

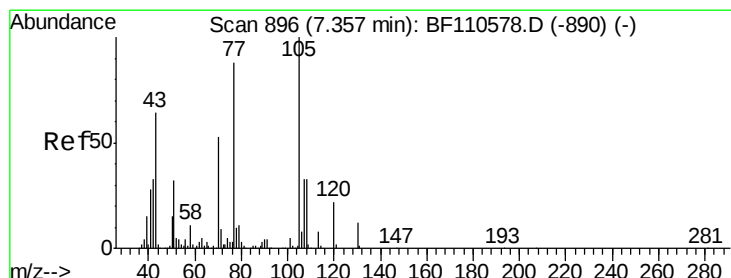
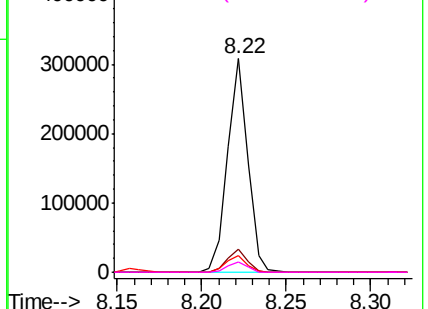


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.801 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Tgt Ion:105 Resp: 237631

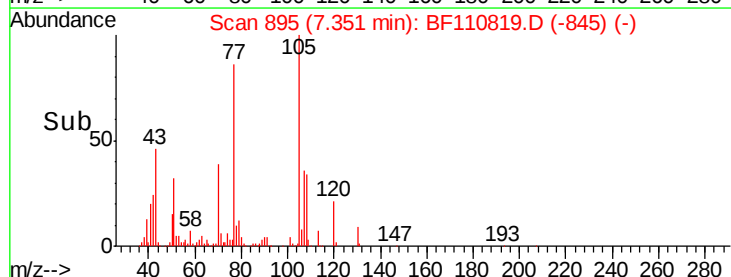
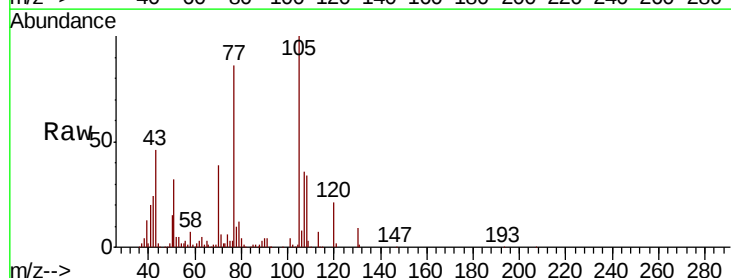
Ion Ratio Lower Upper

105 100

71 6.1 5.2 7.8

51 31.6 21.8 32.8

120 21.0 17.0 25.4

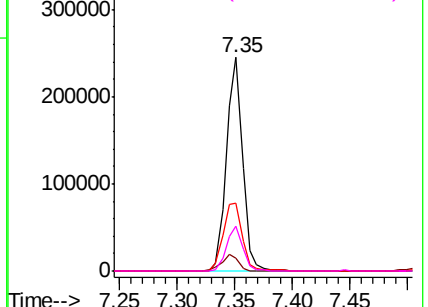


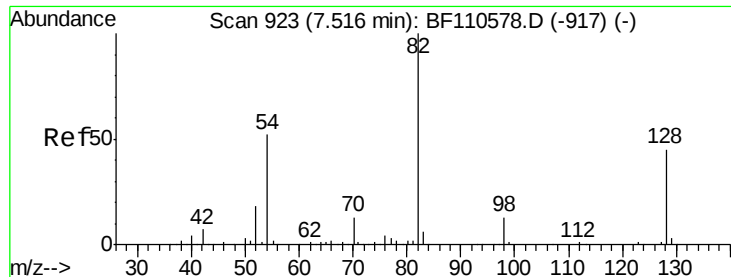
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

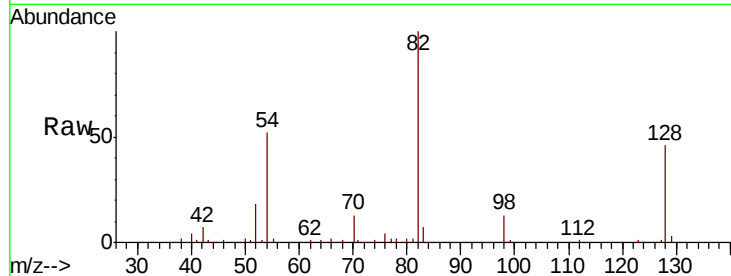




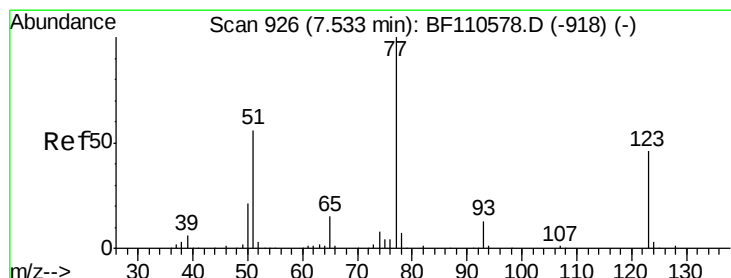
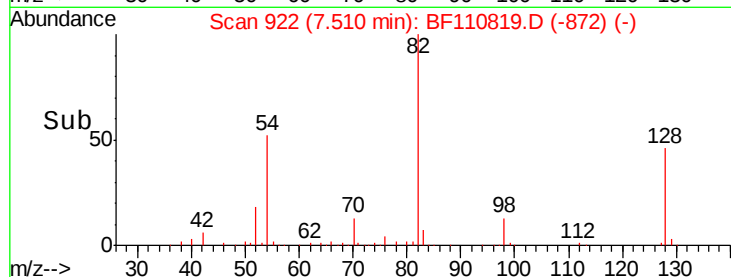
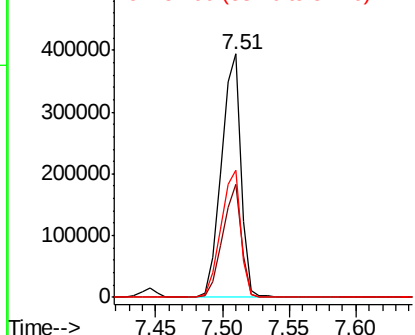
#23
 Nitrobenzene-d5
 Concen: 92.128 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 409822
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.2 51.2
 54 52.1 38.6 58.0

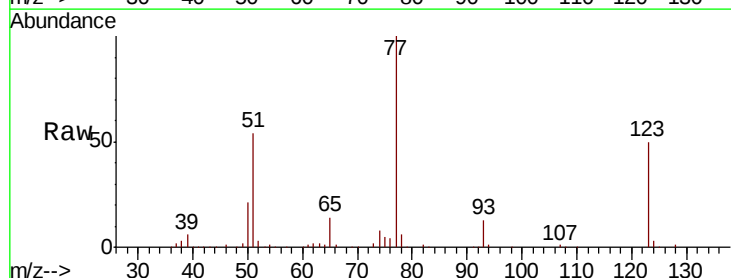


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

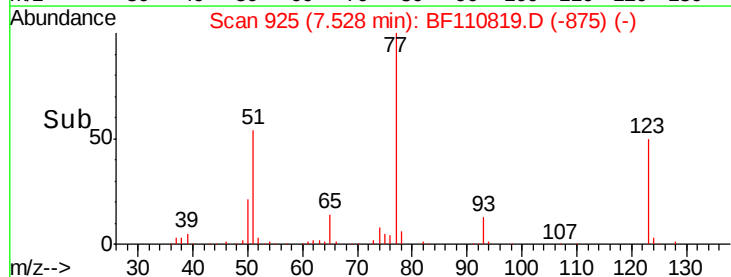
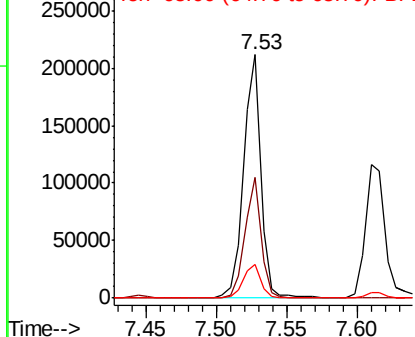


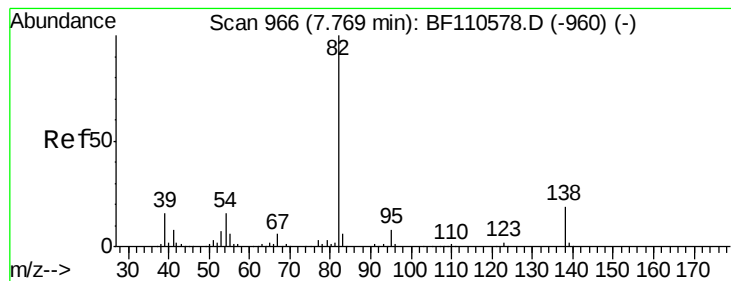
#24
 Nitrobenzene
 Concen: 39.587 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion: 77 Resp: 180427
 Ion Ratio Lower Upper
 77 100
 123 49.6 35.7 53.5
 65 14.0 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: 43.165 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

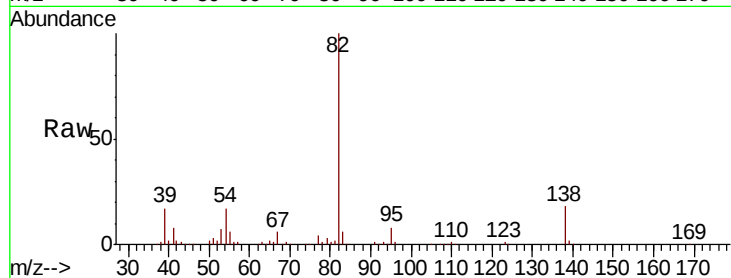
Tot Ion: 82 Resp: 314716

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

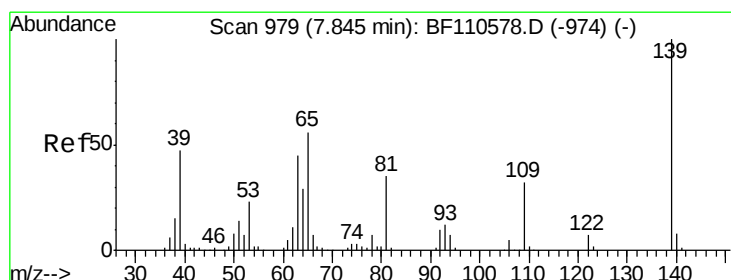
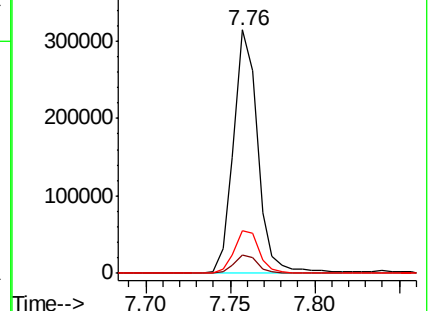
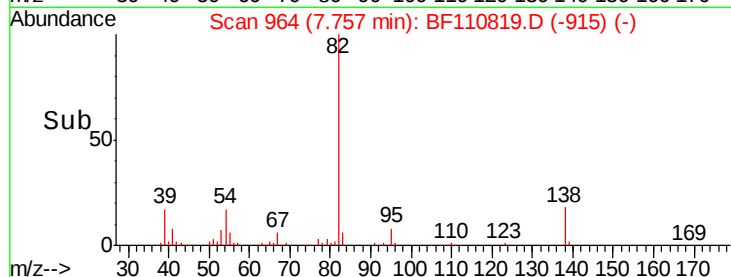
138 17.7 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.912 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

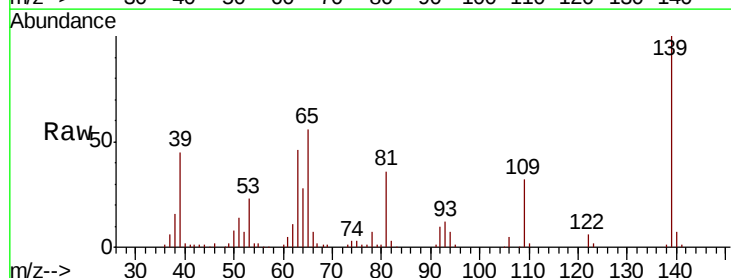
Tgt Ion: 139 Resp: 88476

Ion Ratio Lower Upper

139 100

109 31.8 25.0 37.6

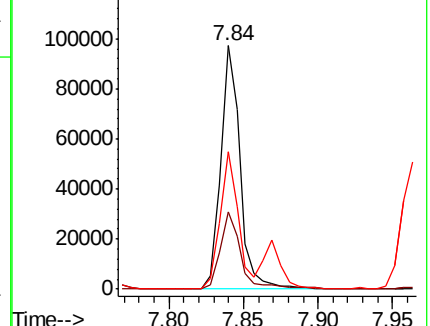
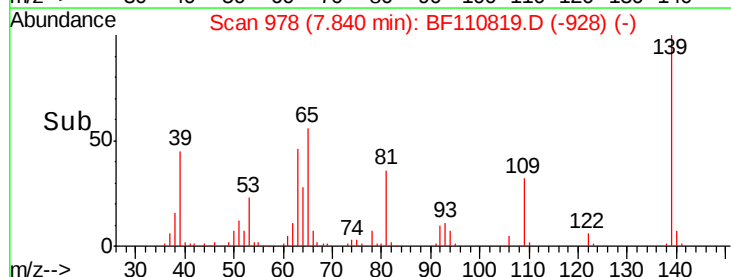
65 56.2 44.0 66.0

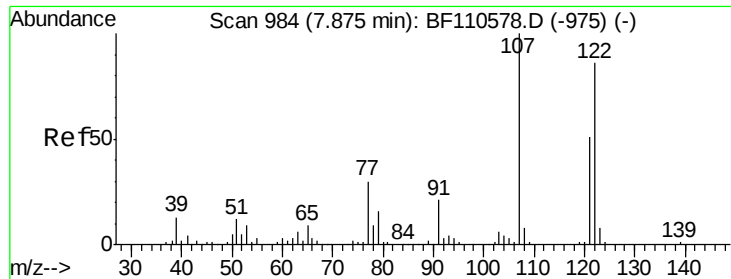


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

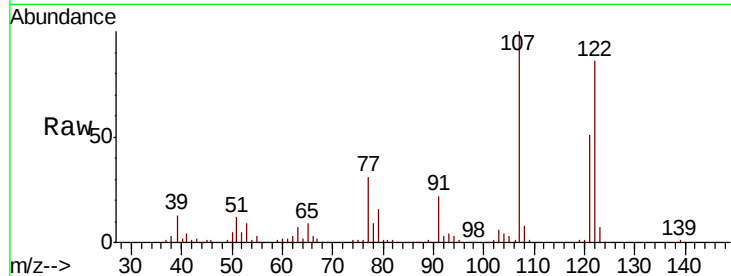




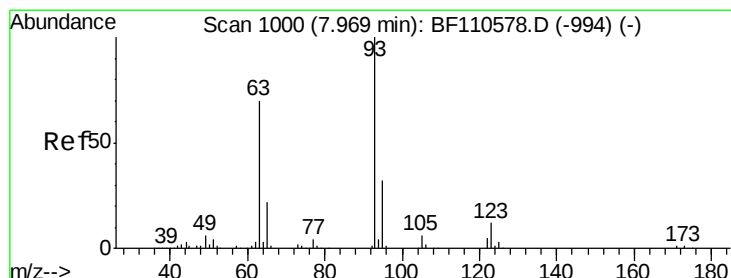
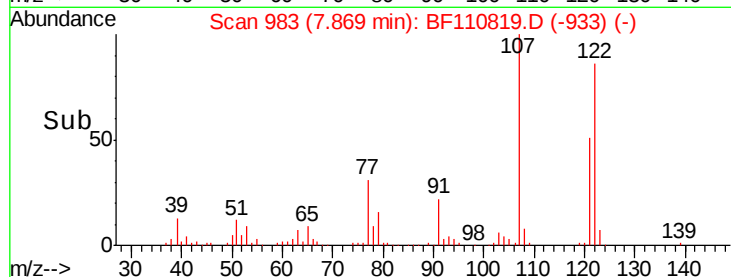
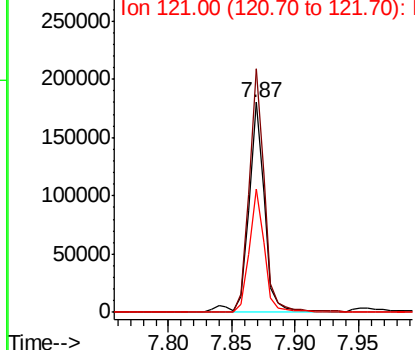
#27
 2,4-Dimethylphenol
 Concen: 44.836 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 155257
 Ion Ratio Lower Upper
 122 100
 107 116.0 92.5 138.7
 121 58.9 45.8 68.8

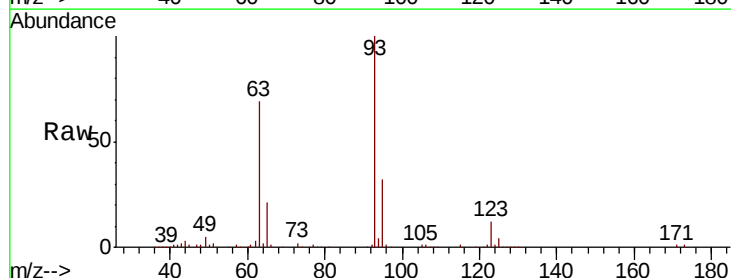


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

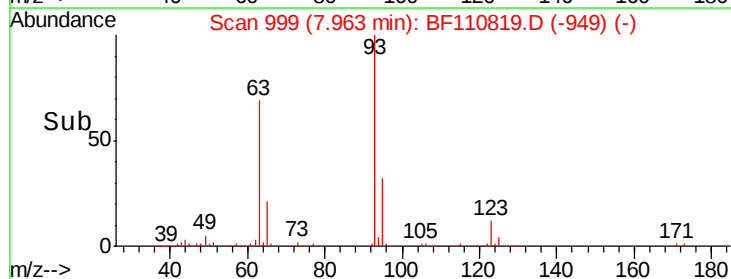
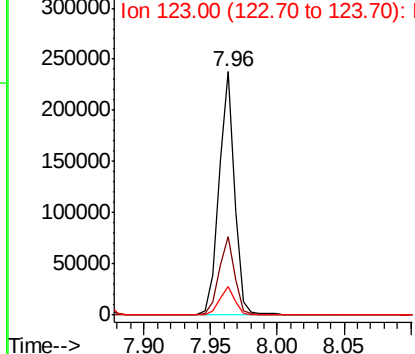


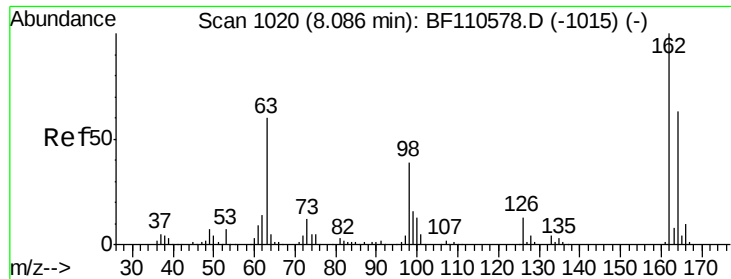
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.795 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion: 93 Resp: 196448
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.4 39.6
 123 11.6 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

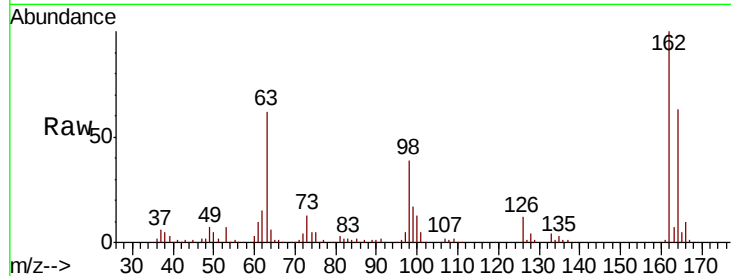




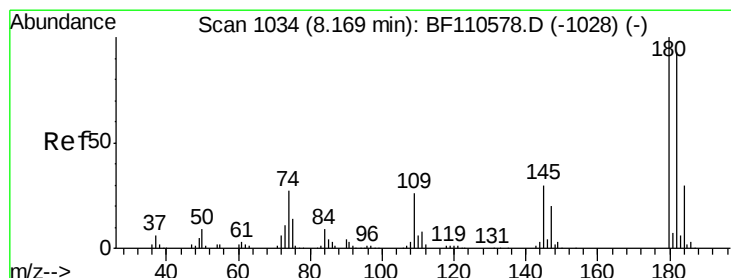
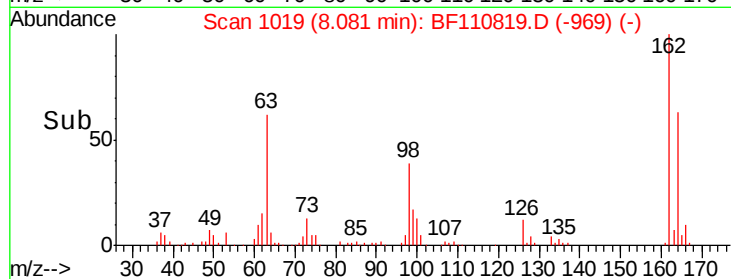
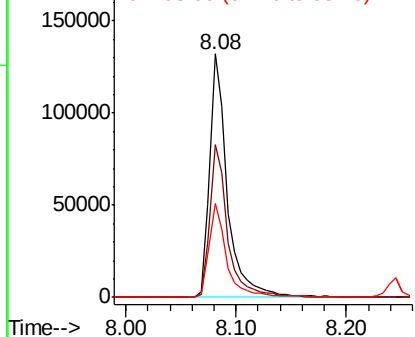
#29
 2,4-Dichlorophenol
 Concen: 40.471 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	38.7	17.4	57.4

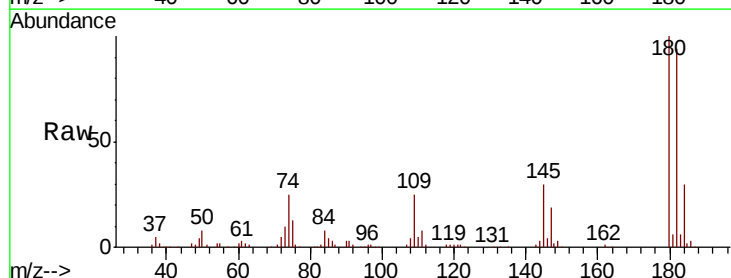


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

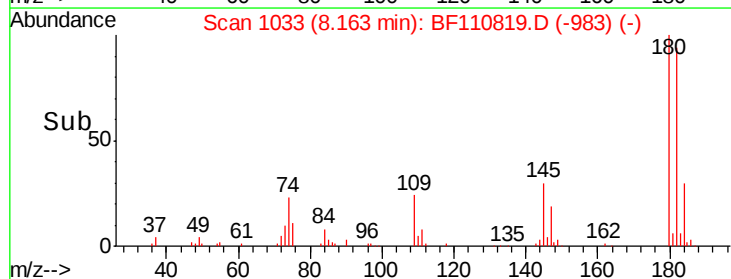
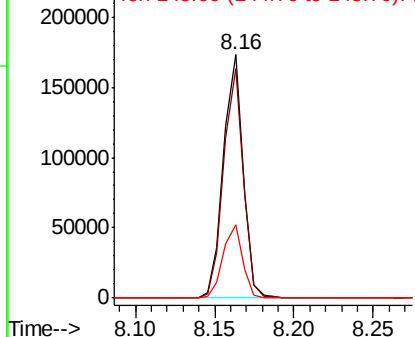


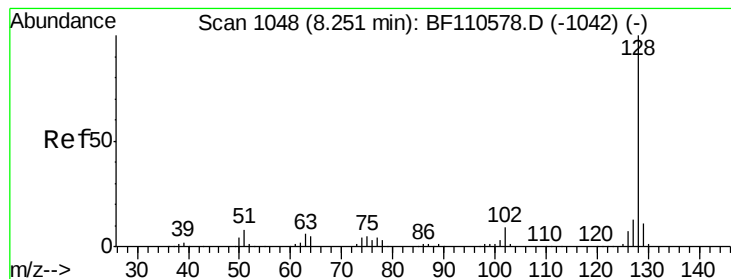
#30
 1,2,4-Trichlorobenzene
 Concen: 37.227 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	80.3	120.5
145	30.2	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.830 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

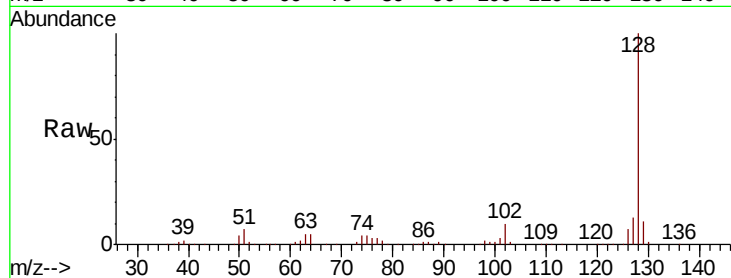
Tot Ion:128 Resp: 539147

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

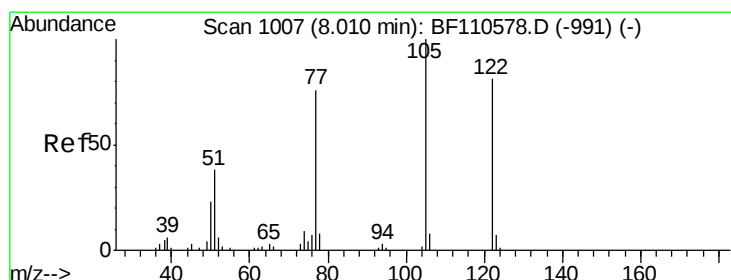
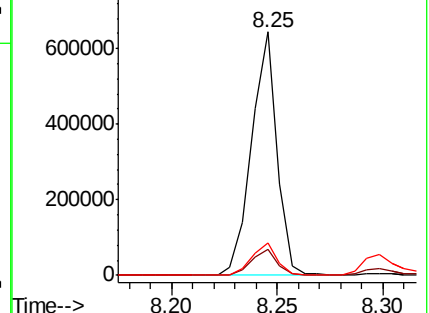
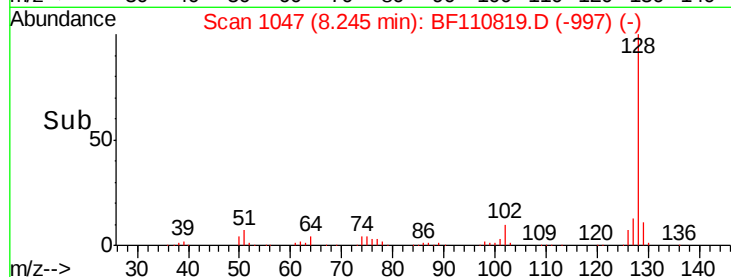
127 13.4 10.8 16.2



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: 3.837 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

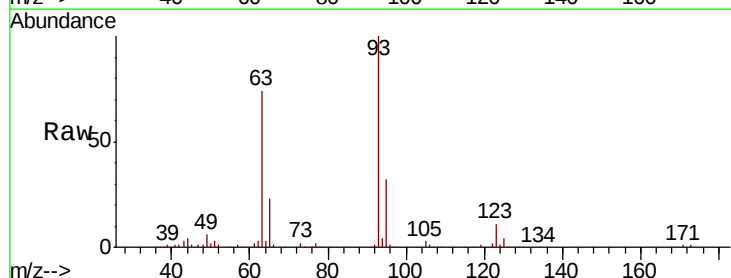
Tgt Ion:122 Resp: 9401

Ion Ratio Lower Upper

122 100

105 122.9 109.0 149.0

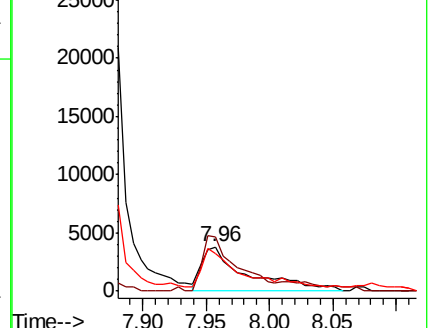
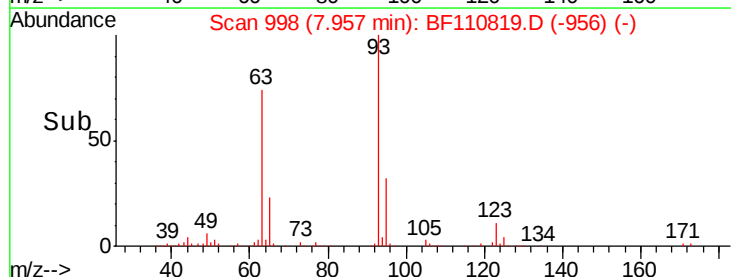
77 86.7 79.0 119.0

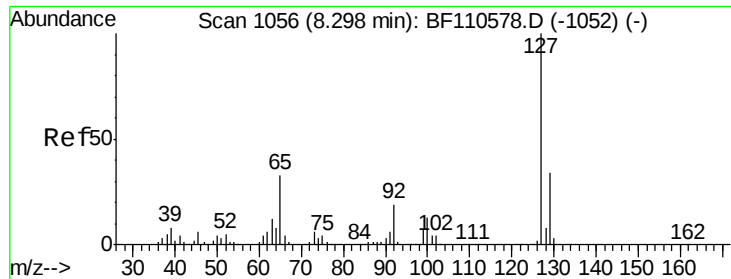


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

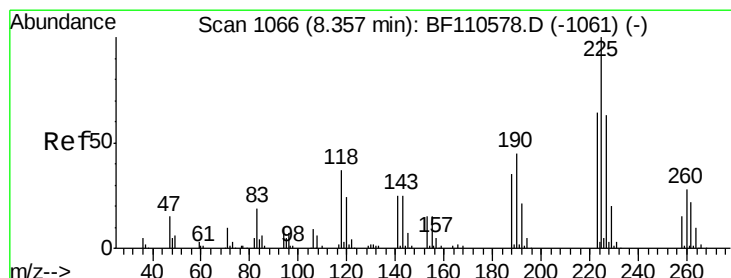
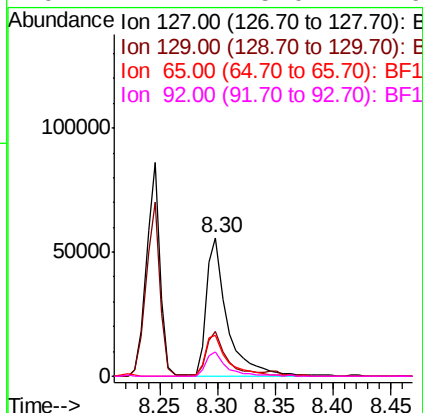
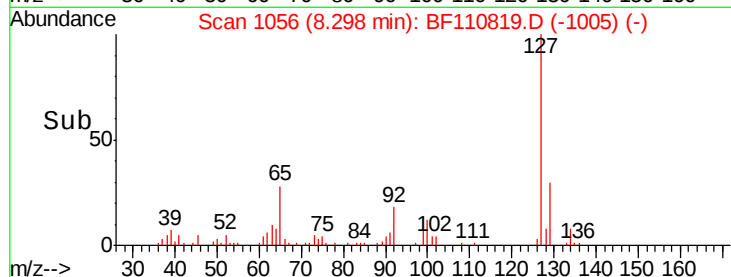
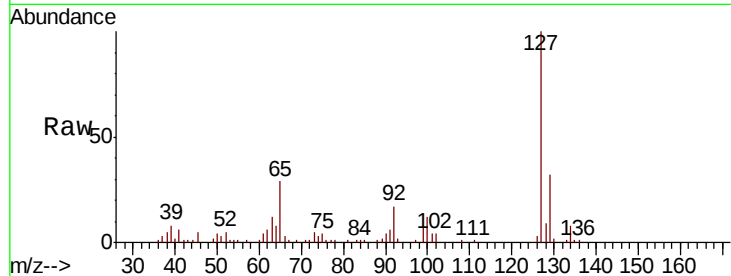




#33
4-Chloroaniline
Concen: 13.026 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

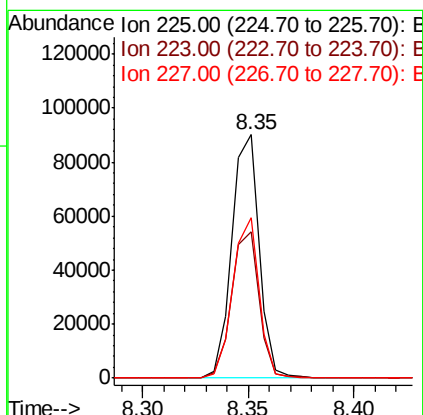
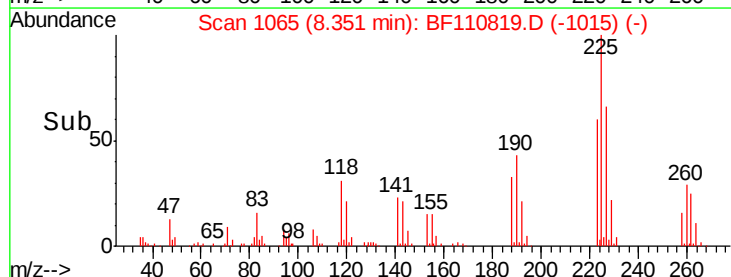
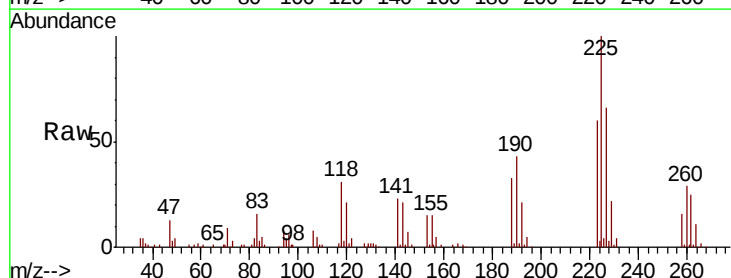
Instrument :
BNA_F
ClientSampled :

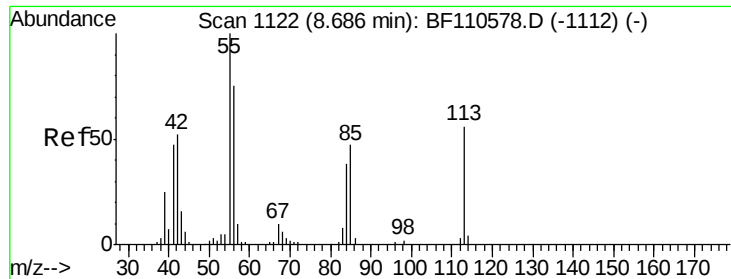
Tot Ion:	127	Resp:	70961
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	29.2	25.1	37.7
92	17.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 34.886 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion:	225	Resp:	80048
Ion	Ratio	Lower	Upper
225	100		
223	60.1	51.4	77.2
227	66.0	51.0	76.6

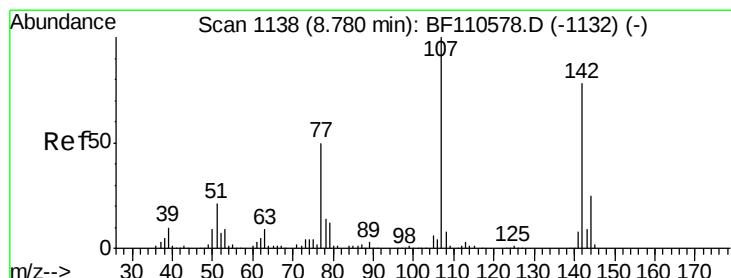
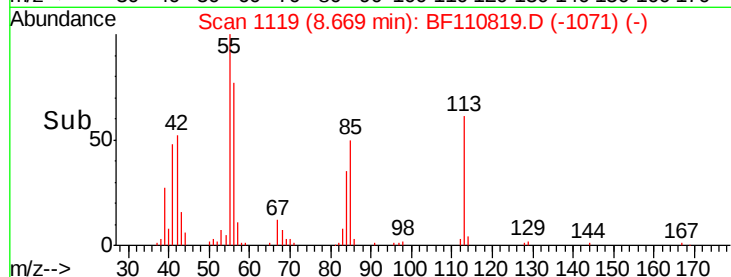
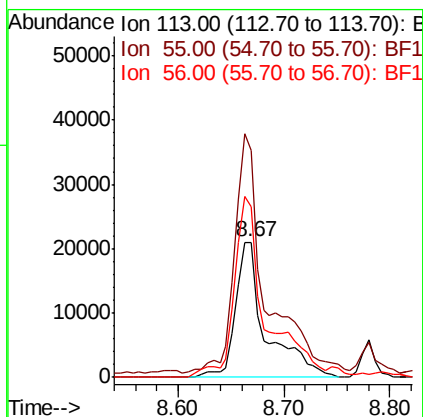
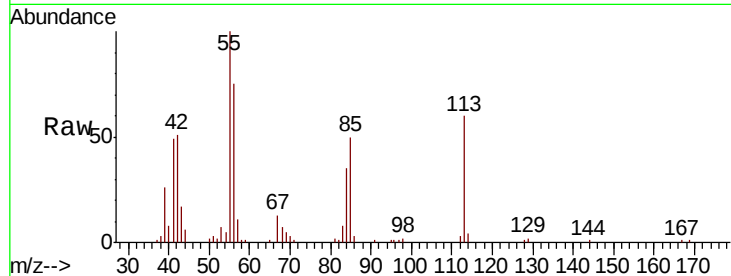




#35
Caprolactam
Concen: 34.983 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

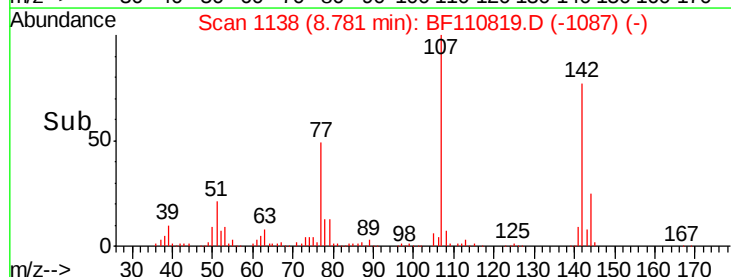
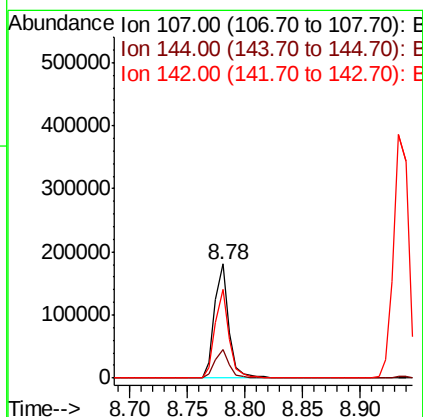
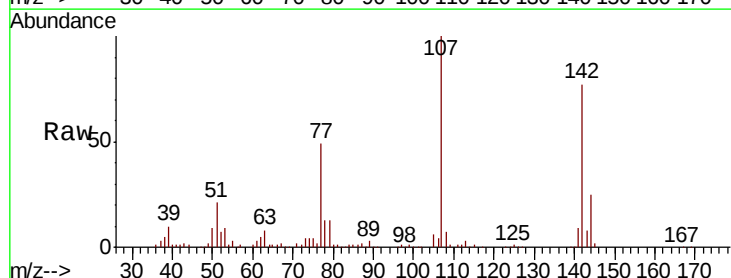
Instrument :
BNA_F
ClientSampleId :

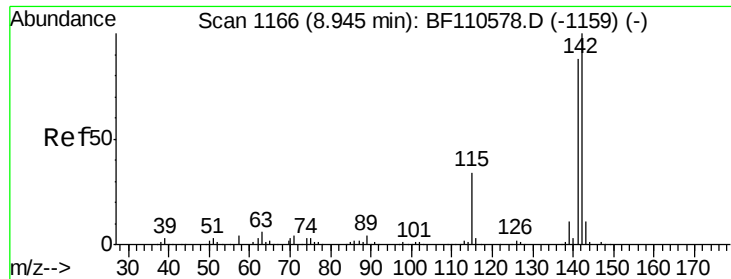
Tot Ion:113 Resp: 41644
Ion Ratio Lower Upper
113 100
55 167.7 142.8 182.8
56 126.2 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 40.705 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion:107 Resp: 156418
Ion Ratio Lower Upper
107 100
144 25.5 20.0 30.0
142 77.4 59.7 89.5

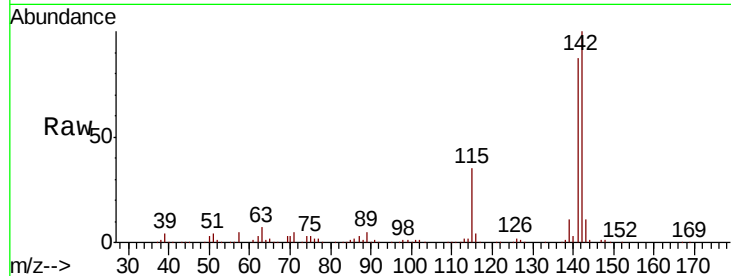




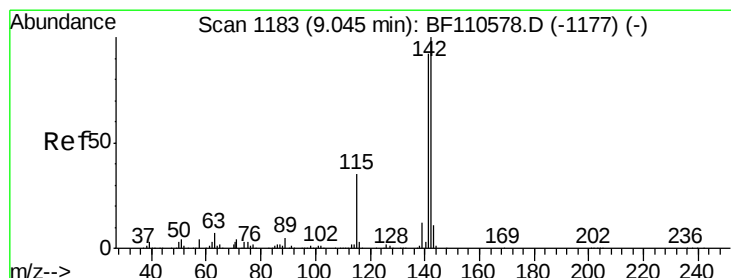
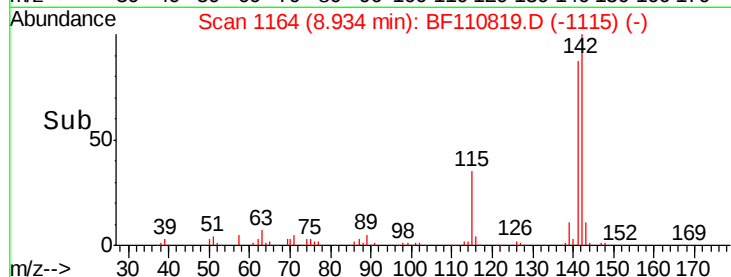
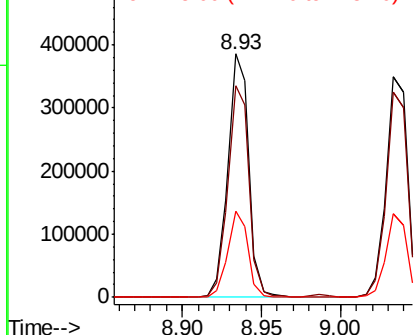
#37
 2-Methylnaphthalene
 Concen: 44.798 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 353184
 Ion Ratio Lower Upper
 142 100
 141 87.0 71.4 107.2
 115 35.4 28.7 43.1

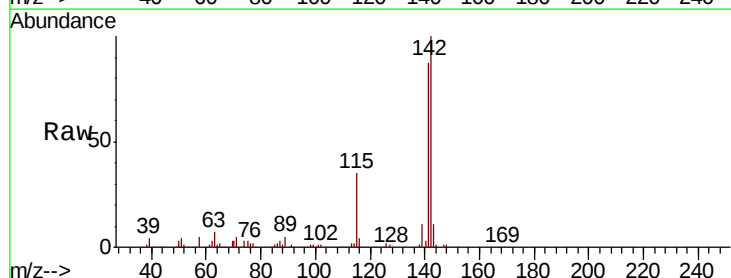


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

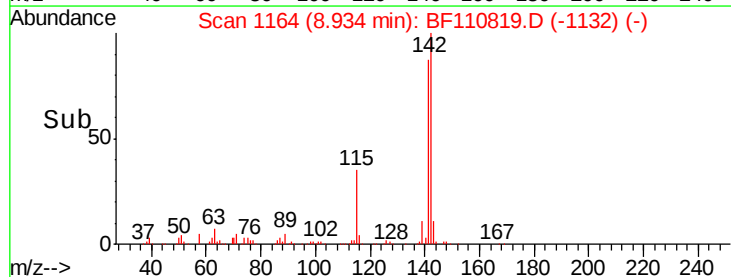
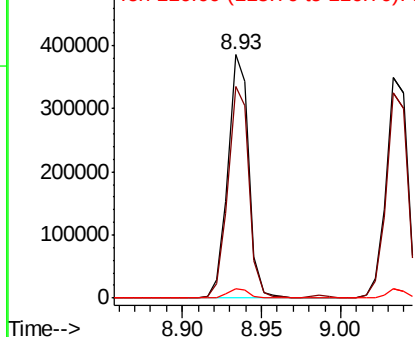


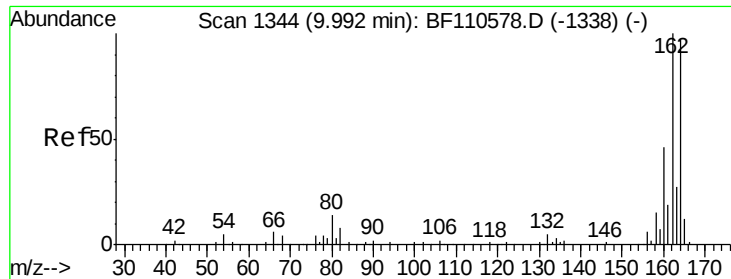
#38
 1-Methylnaphthalene
 Concen: 46.582 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.11 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion:142 Resp: 353184
 Ion Ratio Lower Upper
 142 100
 141 87.0 74.2 111.4
 116 3.9 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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

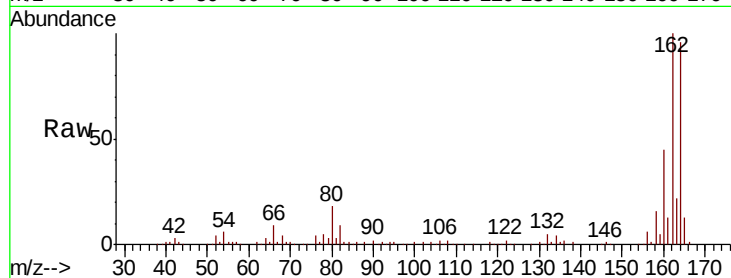
Tot Ion:164 Resp: 119971

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

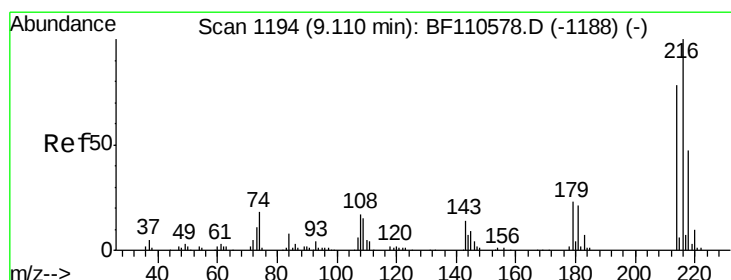
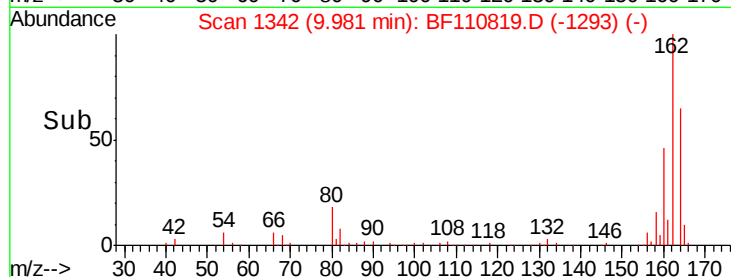
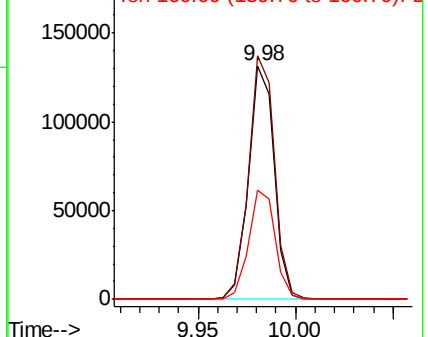
160 46.7 37.0 55.6



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: 36.361 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Tgt Ion:216 Resp: 138084

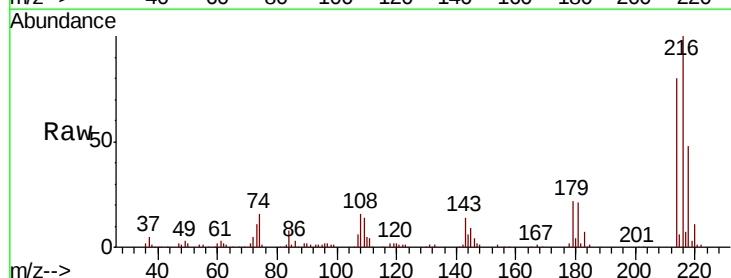
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 23.1 16.6 25.0

108 18.2 15.1 22.7

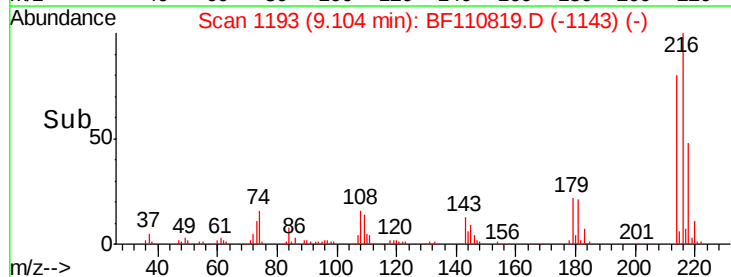
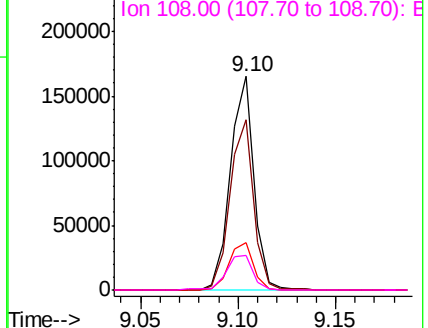


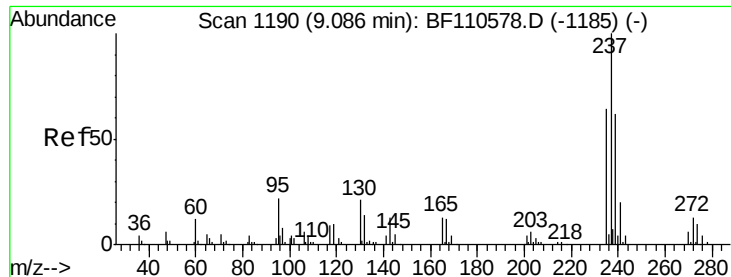
Abundance Ion 216.00 (215.70 to 216.70): E

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

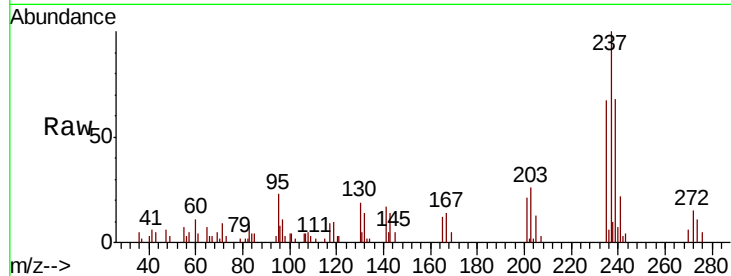




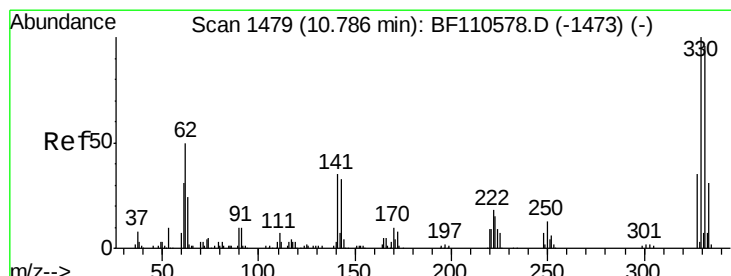
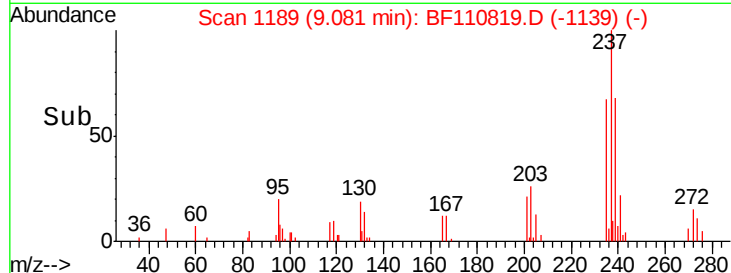
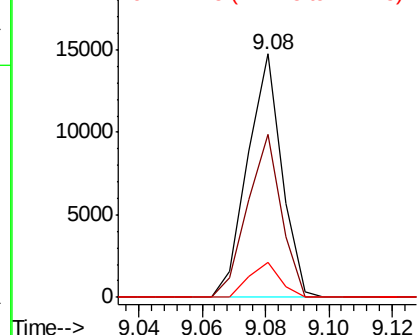
#41
Hexachlorocyclopentadiene
Concen: 14.376 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	66.9	43.1	83.1
272	14.6	0.0	32.6

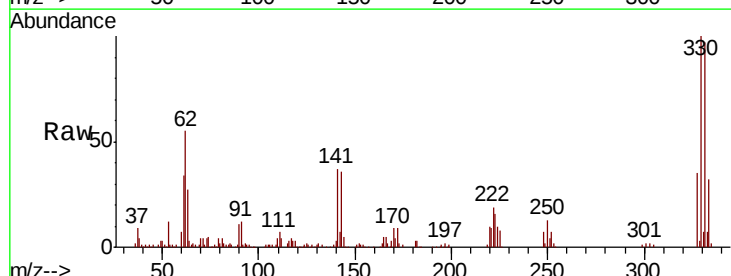


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

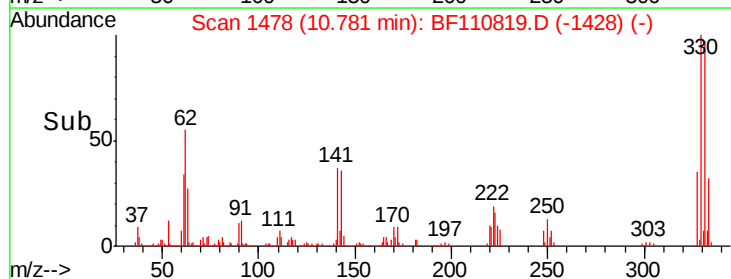
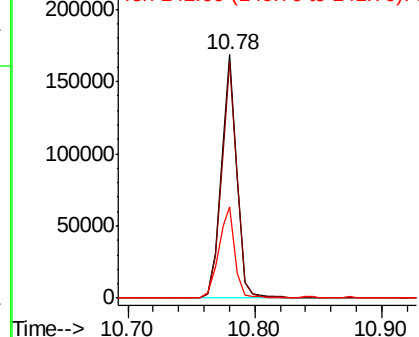


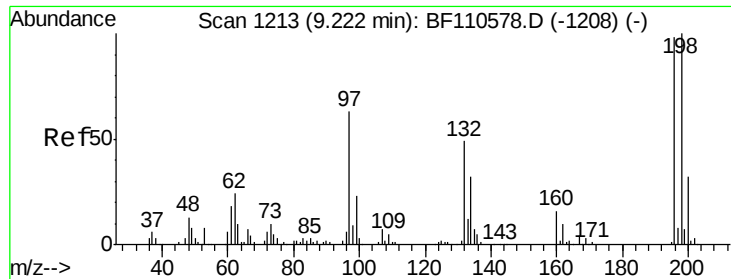
#42
2,4,6-Tribromophenol
Concen: 121.265 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	39.5	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

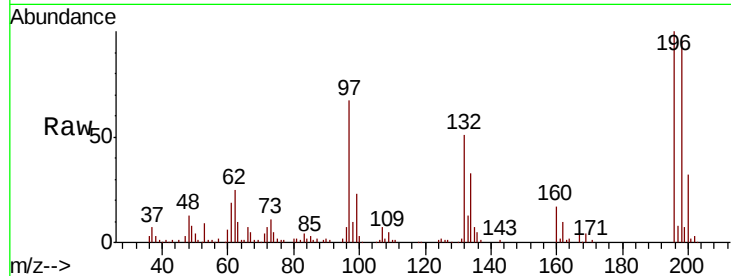




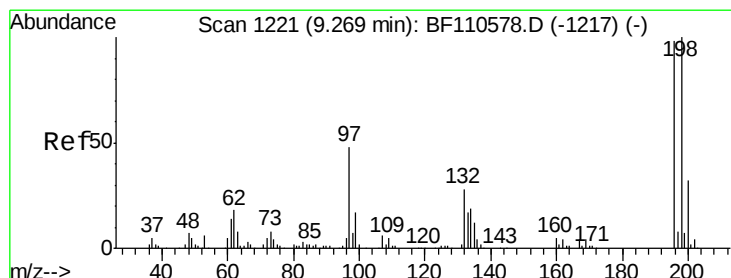
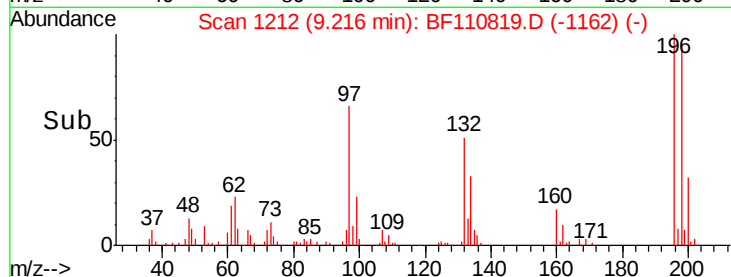
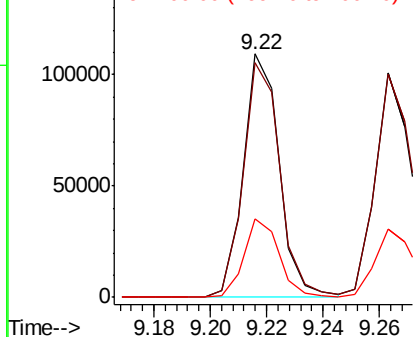
#43
 2,4,6-Trichlorophenol
 Concen: 40.472 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 96581
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.4
 200 32.3 24.4 36.6



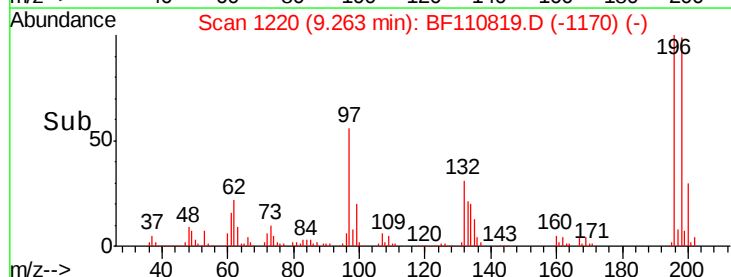
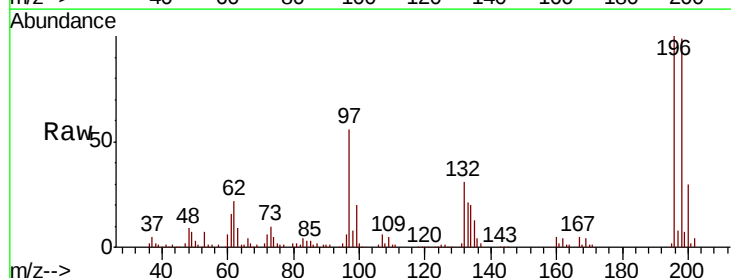
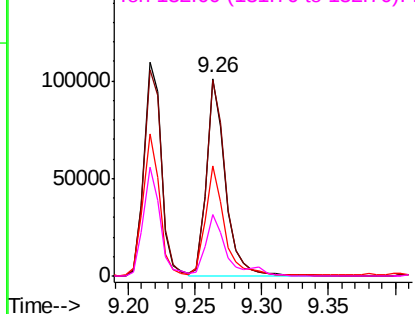
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

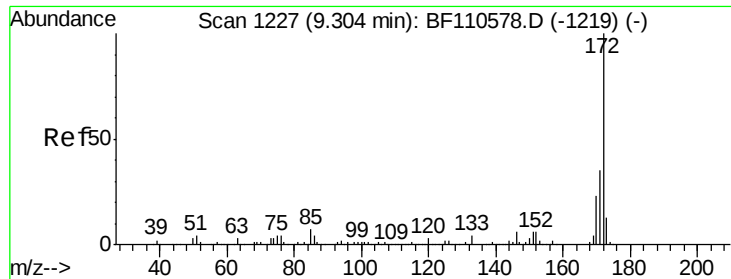


#44
 2,4,5-Trichlorophenol
 Concen: 39.535 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion:196 Resp: 100639
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.8 113.6
 97 55.9 42.4 63.6
 132 31.2 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

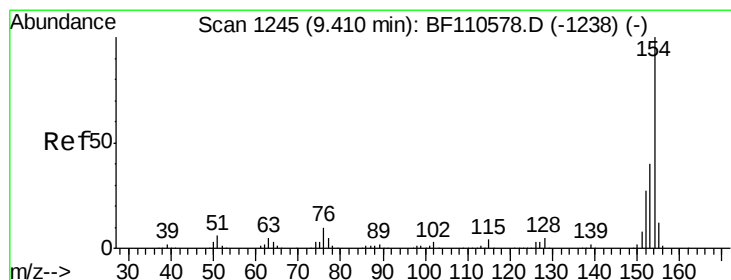
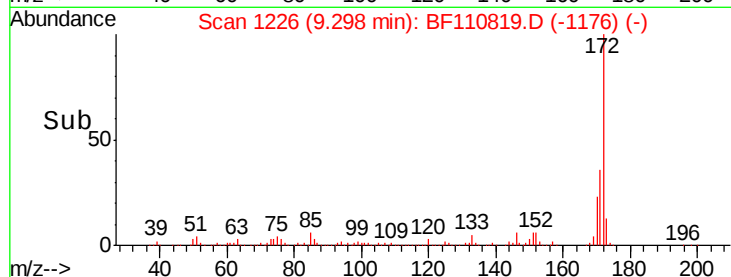
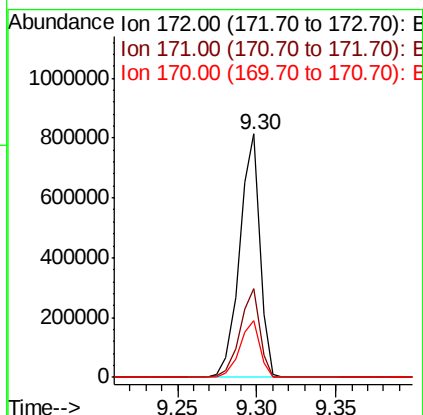
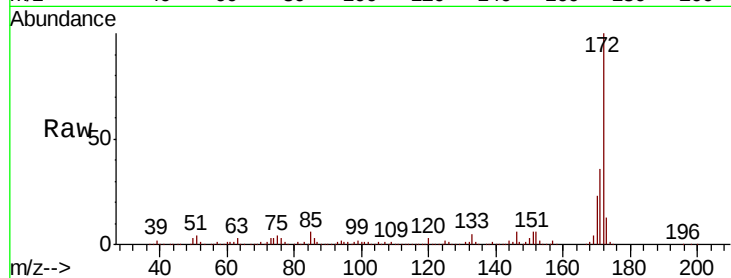




#45
 2-Fluorobiphenyl
 Concen: 85.435 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

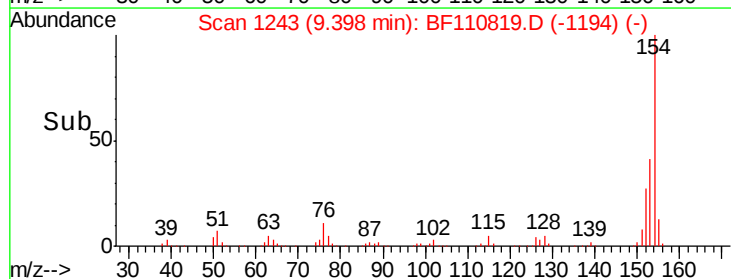
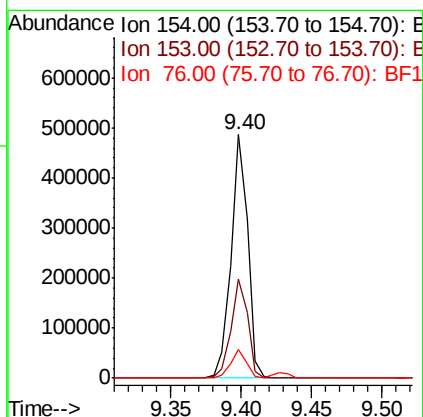
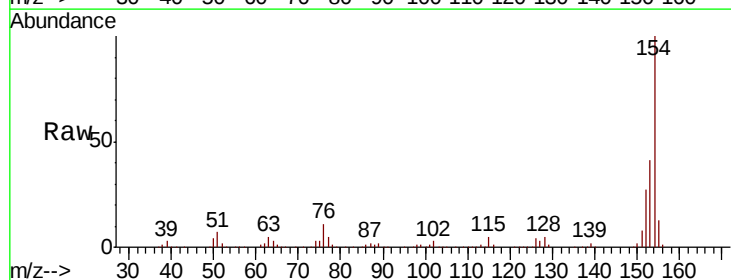
Instrument :
 BNA_F
 ClientSampleId :

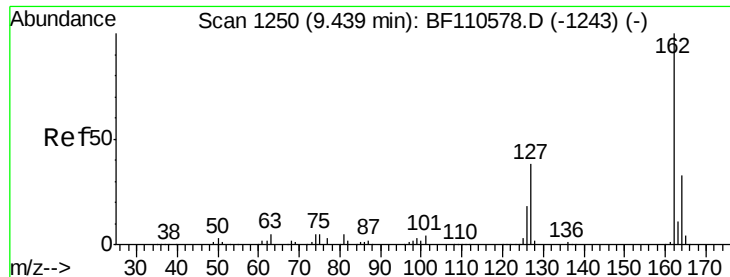
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.4	19.7	29.5



#46
 1,1'-Biphenyl
 Concen: 35.705 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	11.5	0.0	31.9

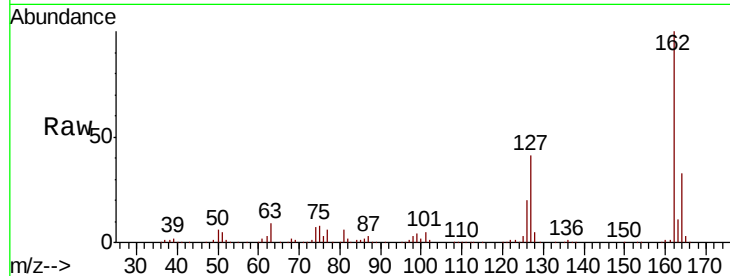




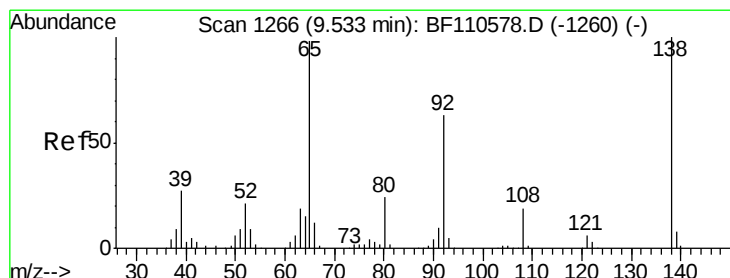
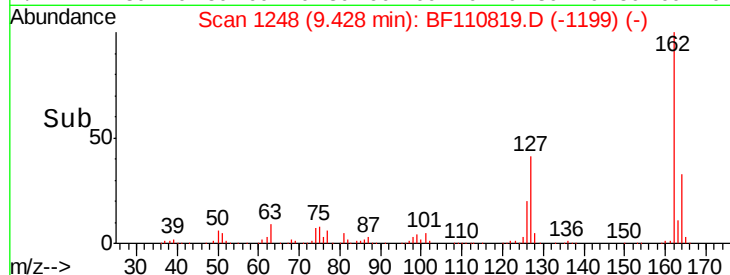
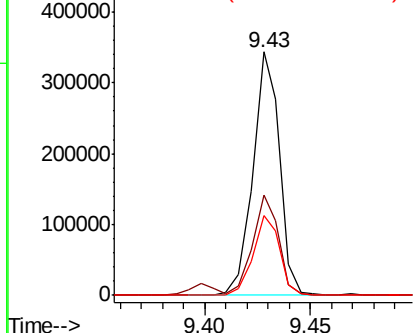
#47
2-Chloronaphthalene
Concen: 37.377 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	48.8
164	33.0	25.9	38.9

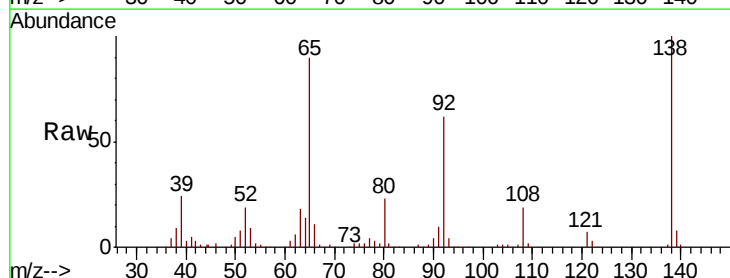


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

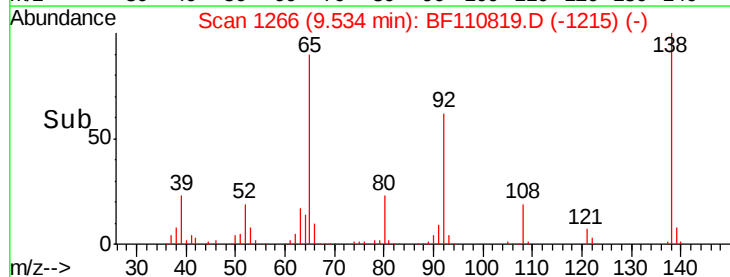
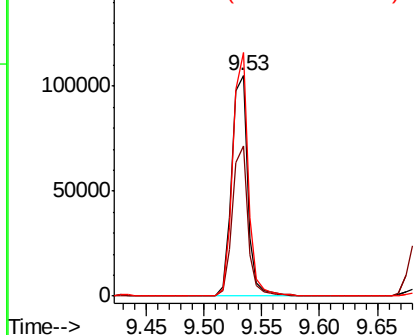


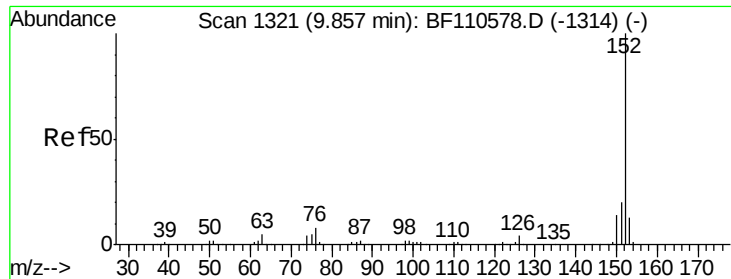
#48
2-Nitroaniline
Concen: 41.084 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	54.6	81.8
138	110.6	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: 42.505 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

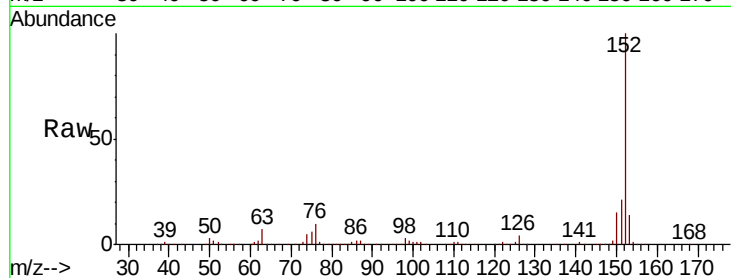
Tot Ion:152 Resp: 493546

Ion Ratio Lower Upper

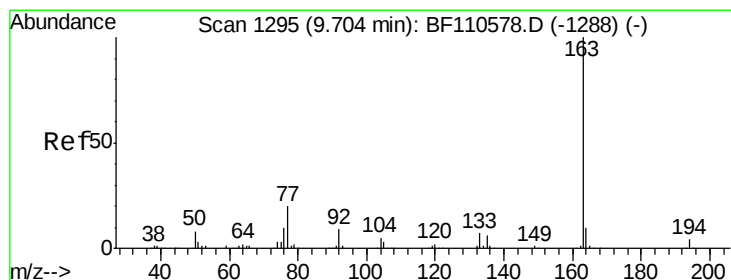
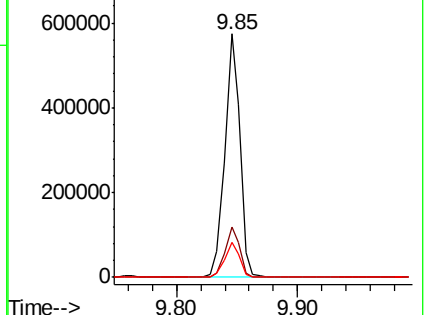
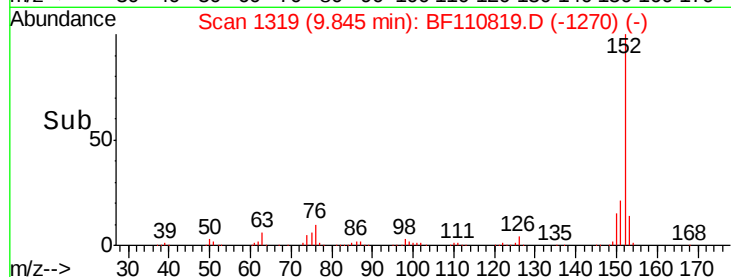
152 100

151 20.6 15.8 23.8

153 14.1 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: 50.537 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

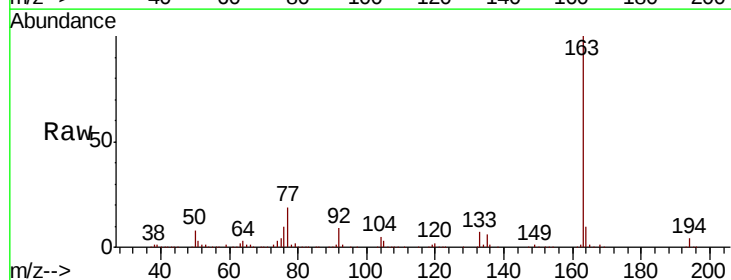
Tgt Ion:163 Resp: 452404

Ion Ratio Lower Upper

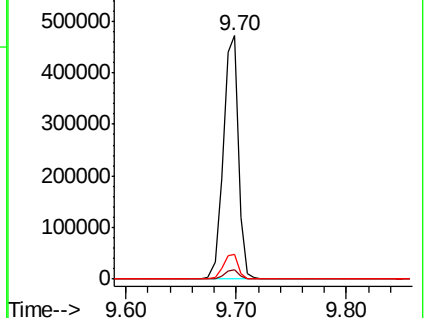
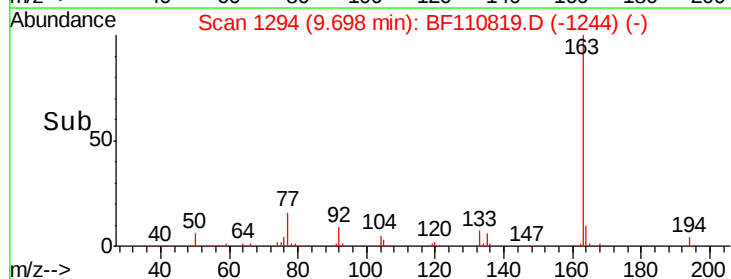
163 100

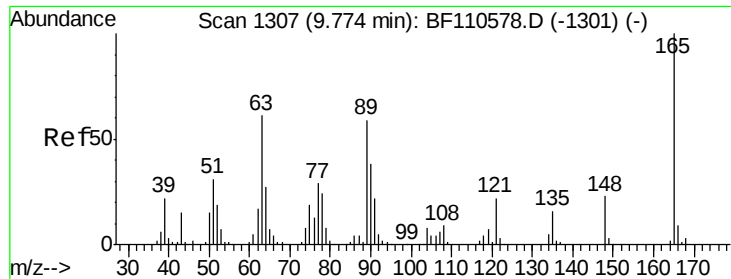
194 3.8 3.2 4.8

164 9.9 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: 40.048 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampled :

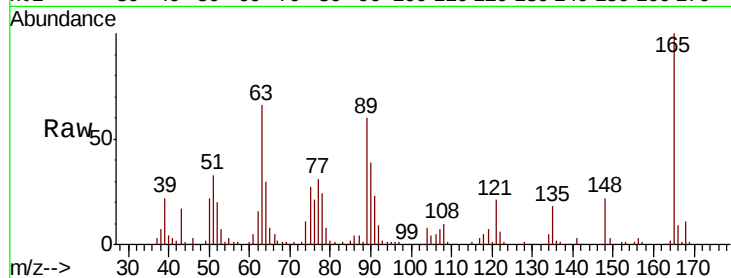
Tot Ion:165 Resp: 78865

Ion Ratio Lower Upper

165 100

63 66.0 48.9 73.3

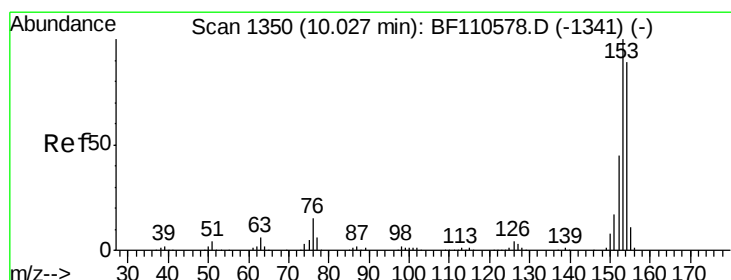
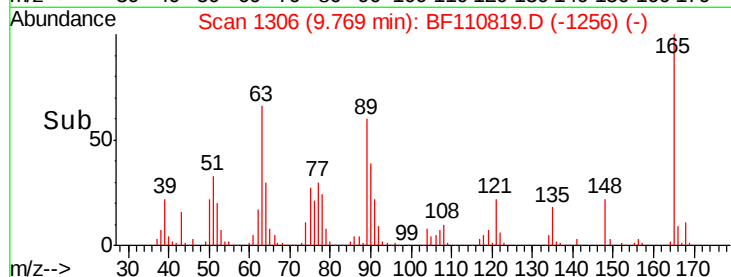
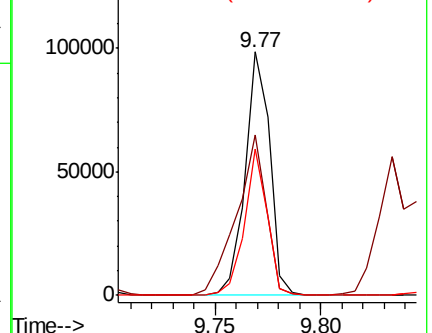
89 59.9 46.6 69.8



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: 39.150 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

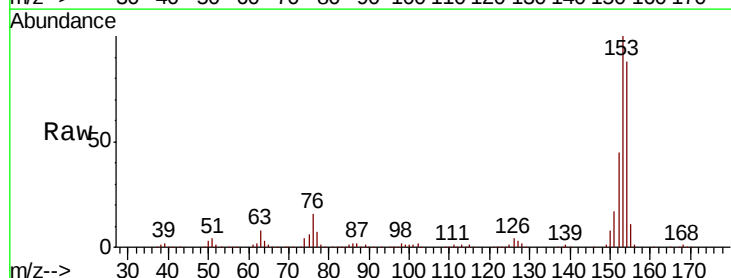
Tgt Ion:154 Resp: 287285

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

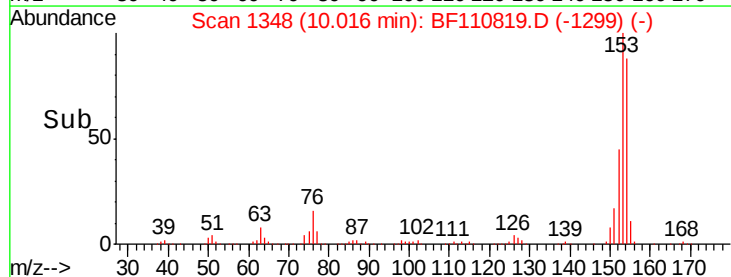
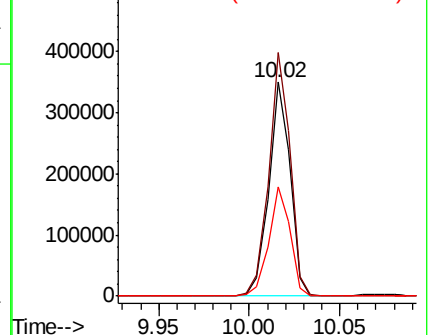
152 51.1 43.4 65.2

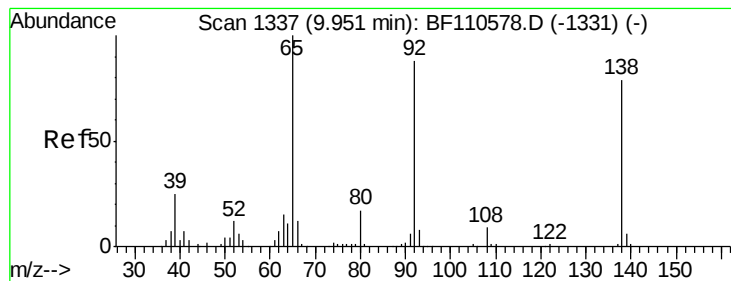


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.724 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

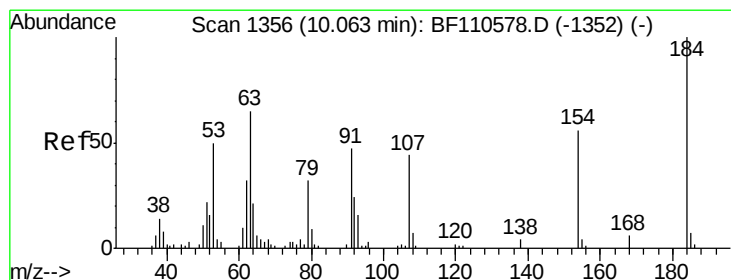
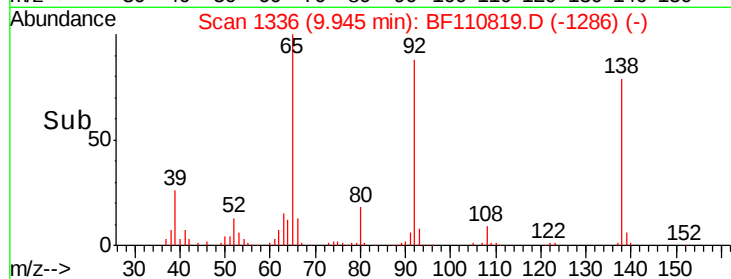
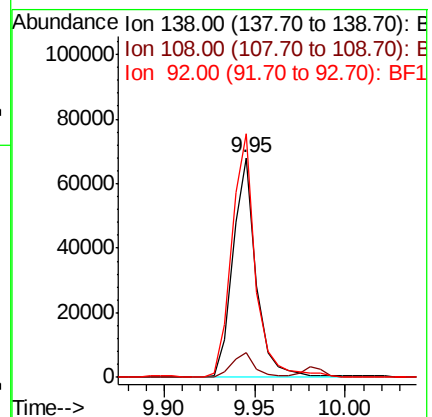
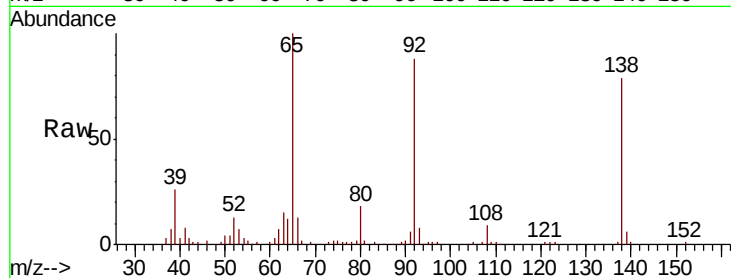
Tot Ion:138 Resp: 60969

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

92 110.8 97.0 145.4



#54

2,4-Dinitrophenol

Concen: 12.358 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

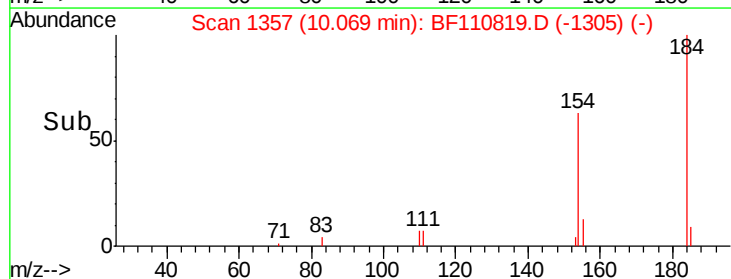
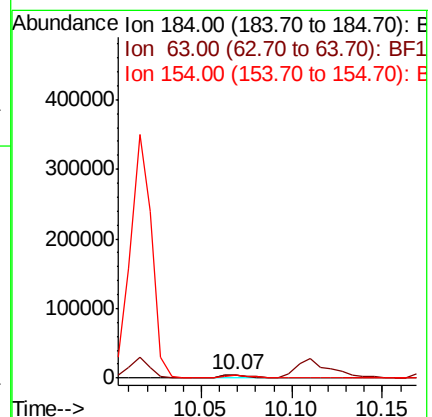
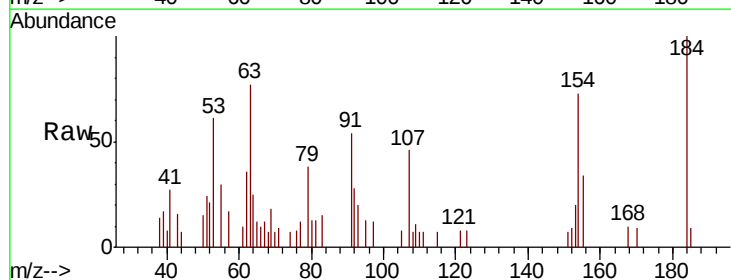
Tgt Ion:184 Resp: 6381

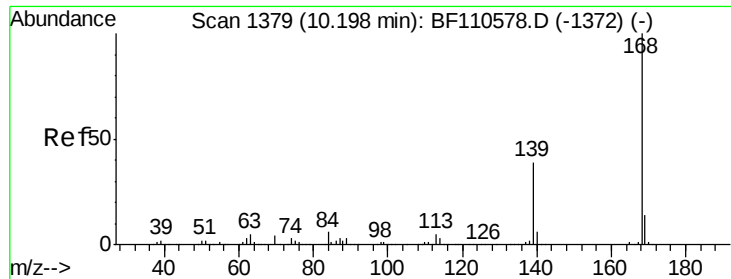
Ion Ratio Lower Upper

184 100

63 77.1 55.8 83.6

154 73.3 63.2 94.8

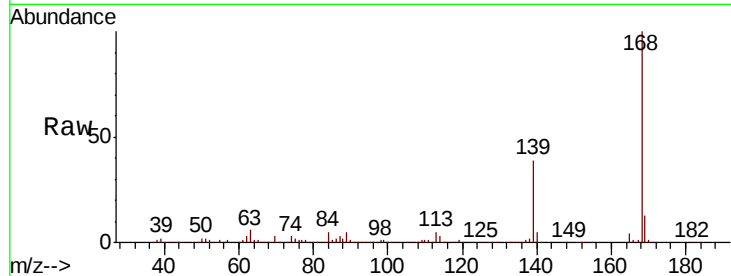




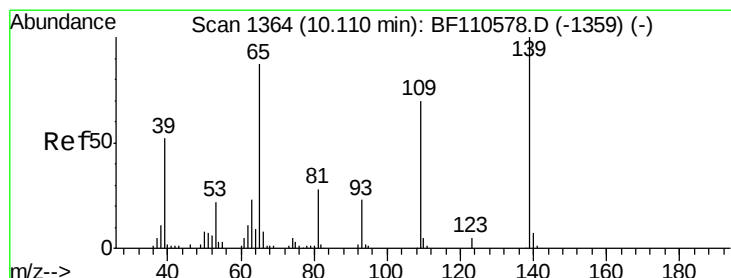
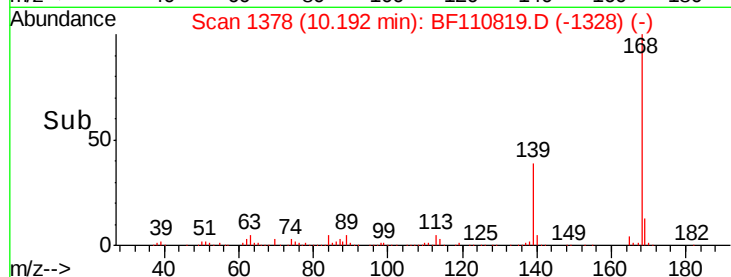
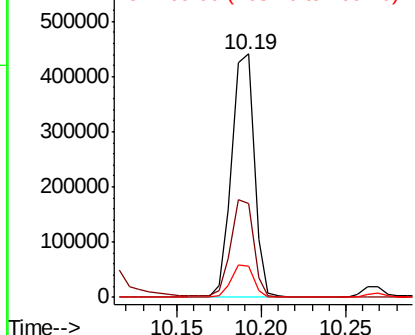
#55
 Dibenzofuran
 Concen: 38.491 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:168 Resp: 413244
 Ion Ratio Lower Upper
 168 100
 139 38.5 33.0 49.6
 169 12.8 11.3 16.9

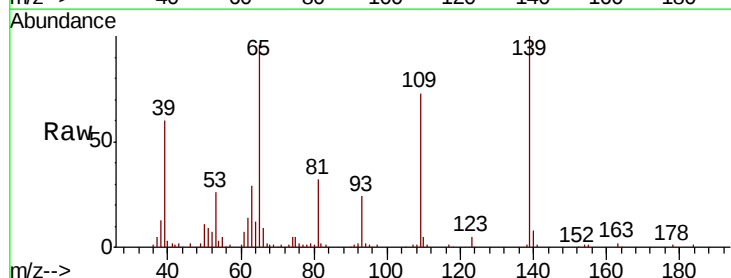


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

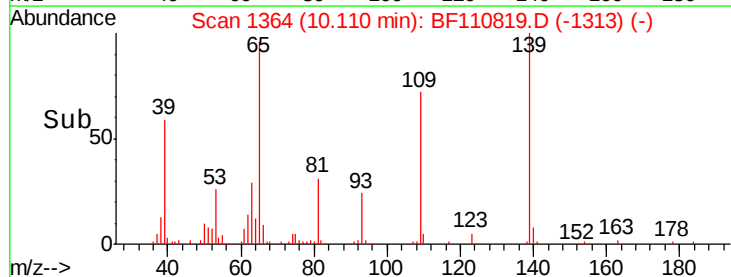
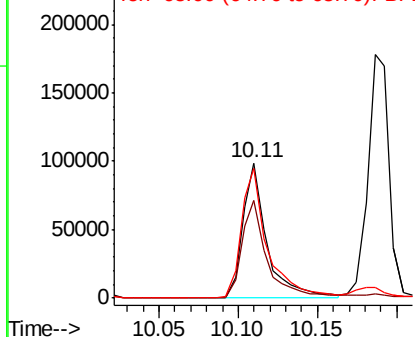


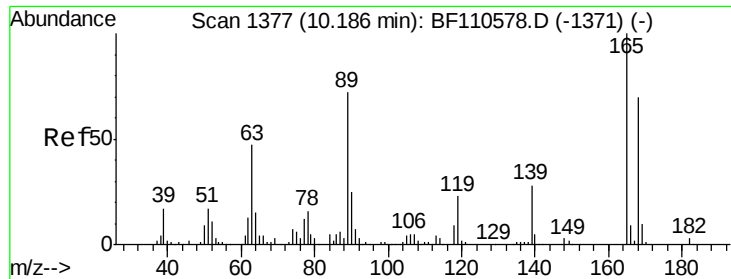
#56
 4-Nitrophenol
 Concen: 68.922 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion:139 Resp: 104320
 Ion Ratio Lower Upper
 139 100
 109 72.7 55.8 95.8
 65 96.0 77.9 117.9



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

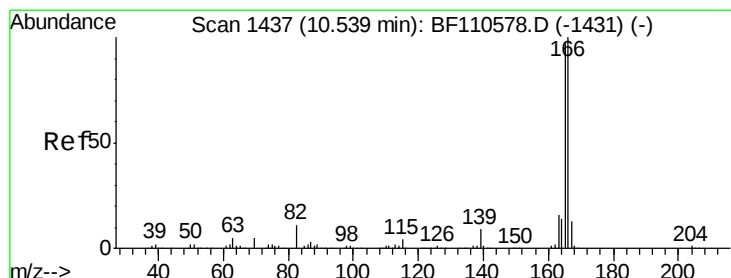
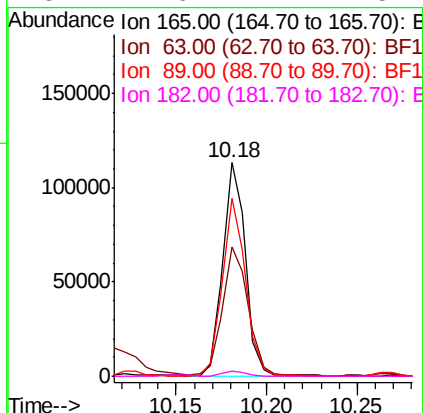
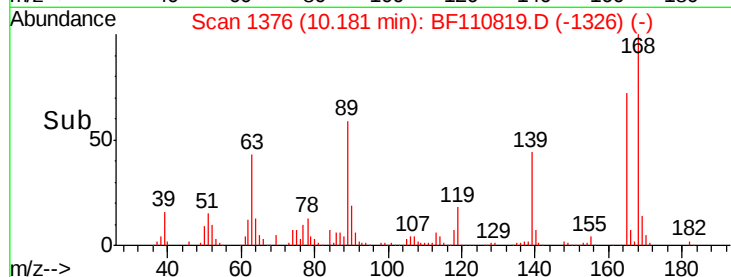
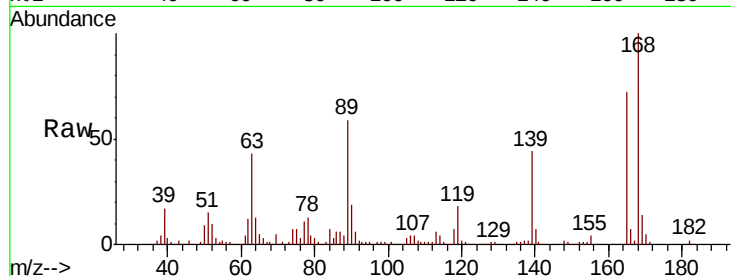




#57
2,4-Dinitrotoluene
Concen: 38.752 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

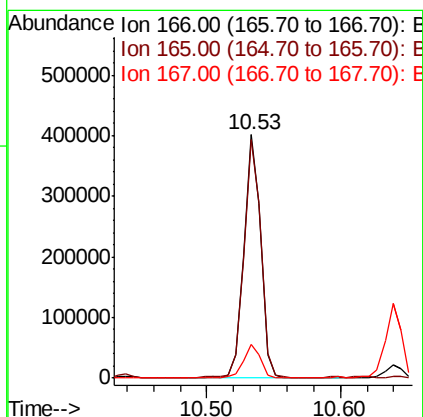
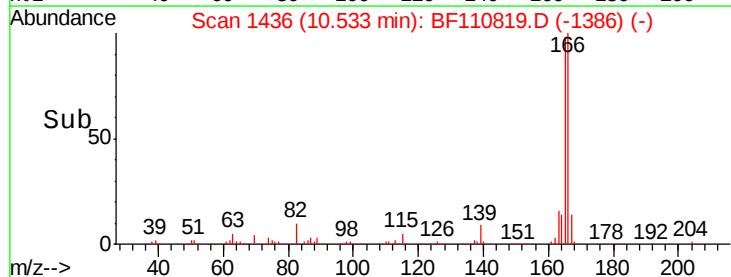
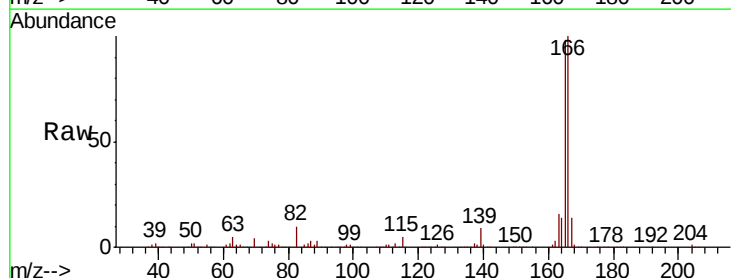
Instrument :
BNA_F
ClientSampleId :

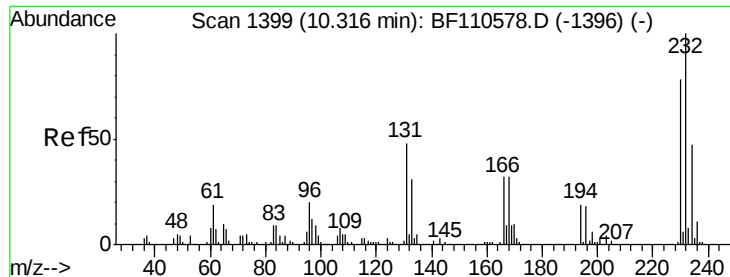
Tot Ion:165 Resp: 99223
Ion Ratio Lower Upper
165 100
63 60.5 44.8 67.2
89 83.1 62.2 93.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 42.108 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion:166 Resp: 347243
Ion Ratio Lower Upper
166 100
165 97.9 78.6 117.8
167 13.9 10.8 16.2

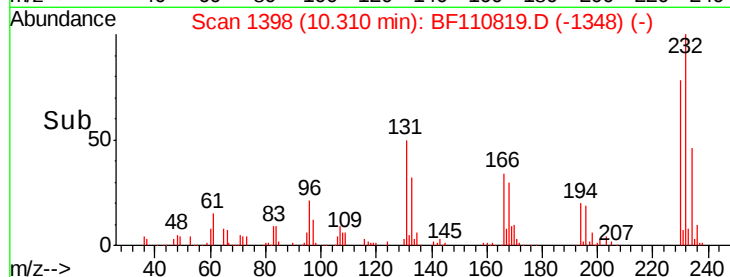
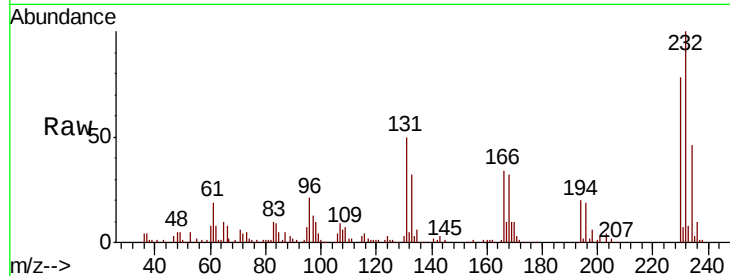




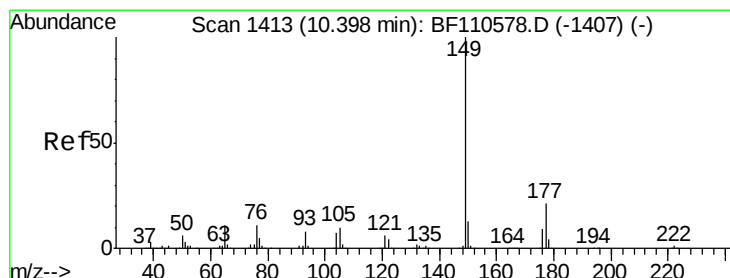
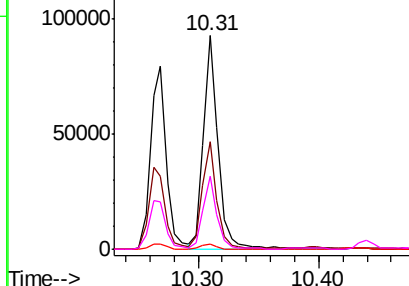
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.629 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.4	37.0	55.4
130	2.4	1.8	2.6
166	32.6	22.0	33.0

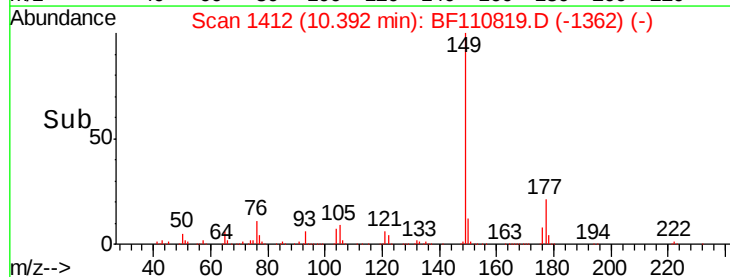
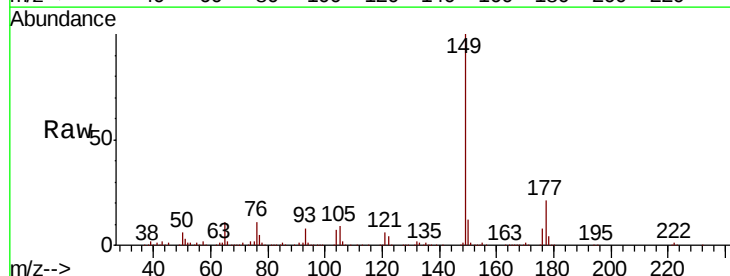


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

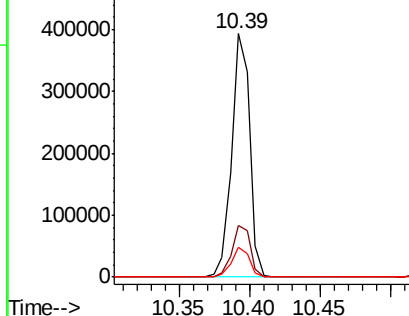


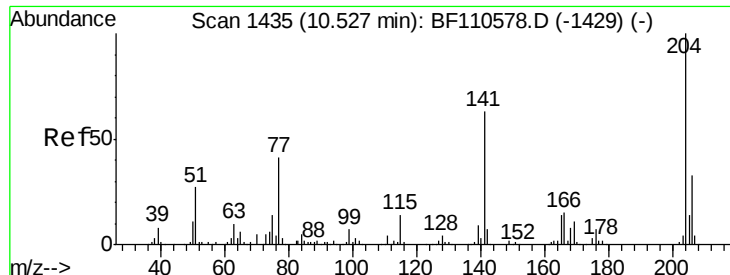
#60
Diethylphthalate
Concen: 39.330 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.1	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

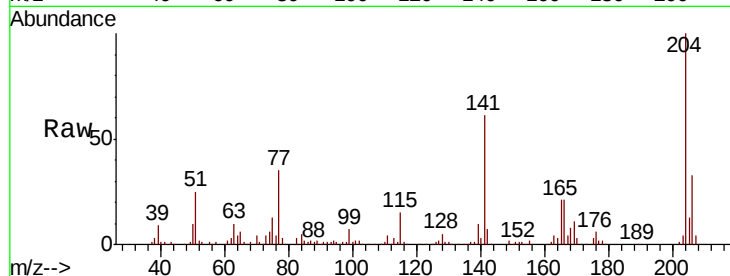




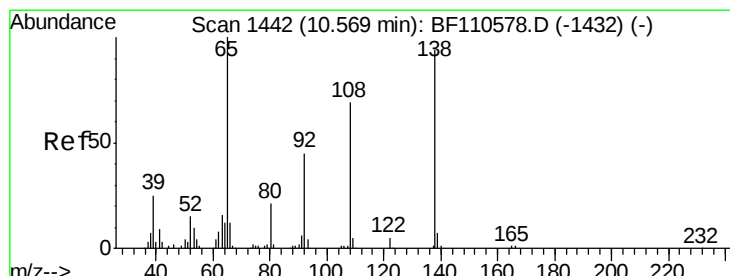
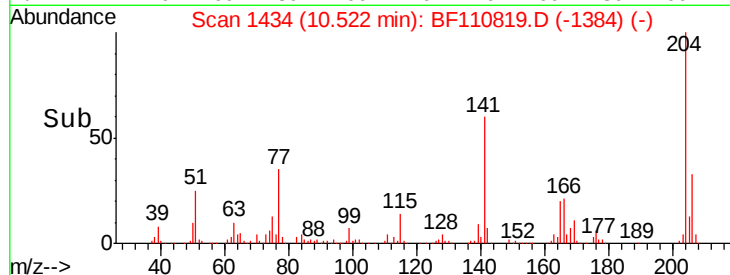
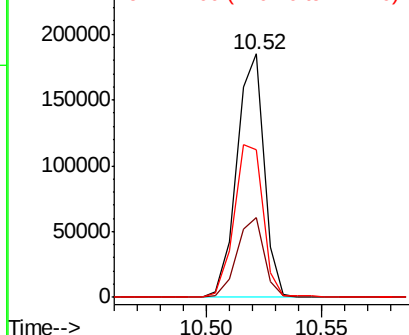
#61
4-Chlorophenyl-phenylether
Concen: 35.794 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 152832
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.7 51.8 77.8

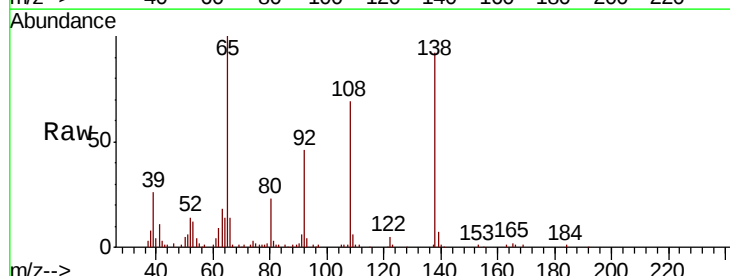


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

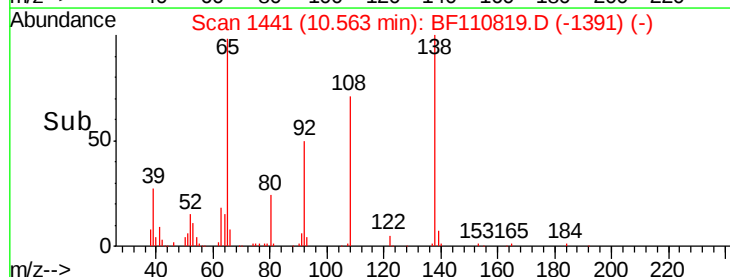
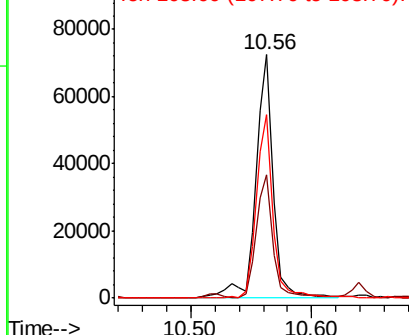


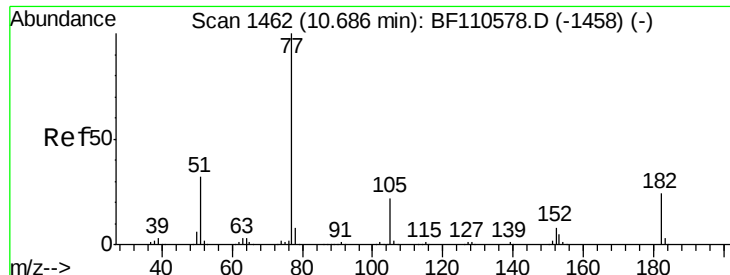
#62
4-Nitroaniline
Concen: 31.904 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion:138 Resp: 73297
Ion Ratio Lower Upper
138 100
92 50.4 31.7 71.7
108 75.2 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: 35.809 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 309409

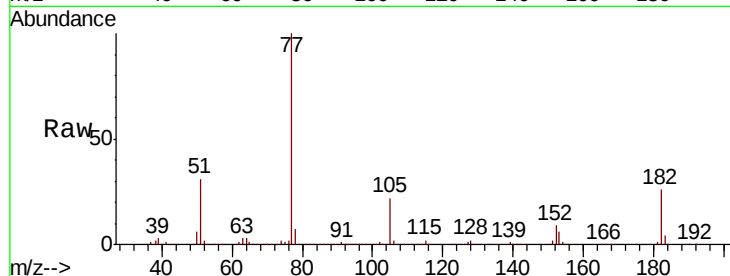
Ion Ratio Lower Upper

77 100

182 25.7 4.3 44.3

105 22.0 1.3 41.3

51 31.3 9.0 49.0

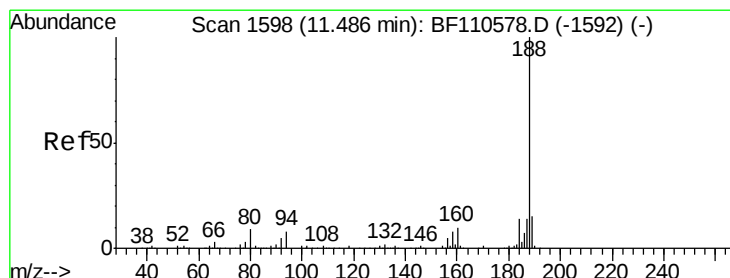
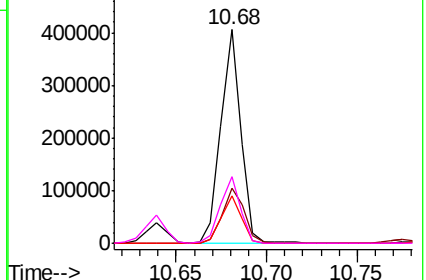
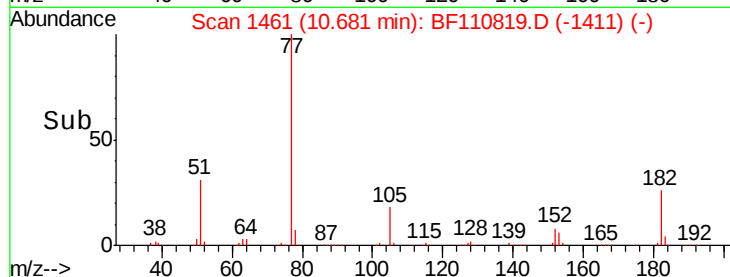


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF110819.D

Acq: 16 Nov 2018 16:25

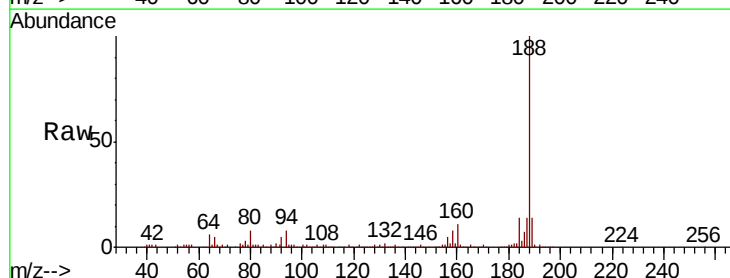
Tgt Ion: 188 Resp: 199657

Ion Ratio Lower Upper

188 100

94 7.7 7.2 10.8

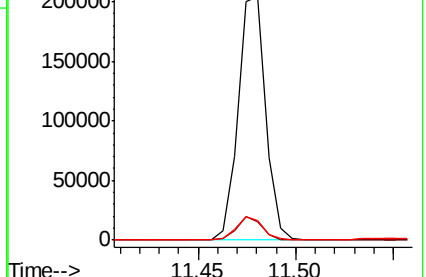
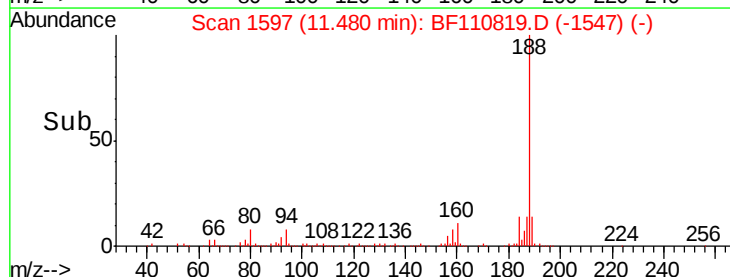
80 8.3 7.9 11.9

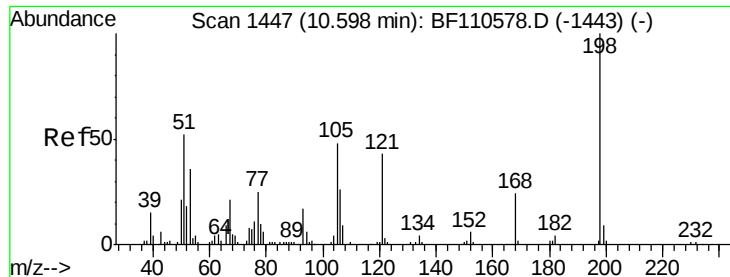


Abundance Ion 188.00 (187.70 to 188.70): E

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: 10.182 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

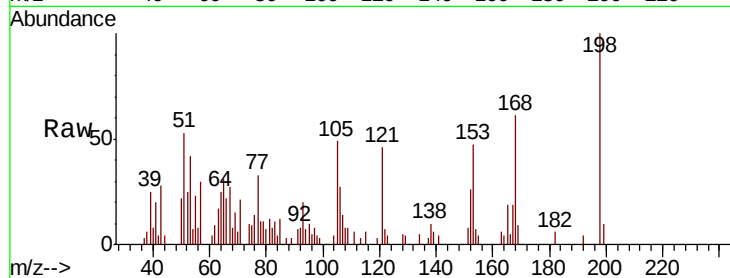
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 10246

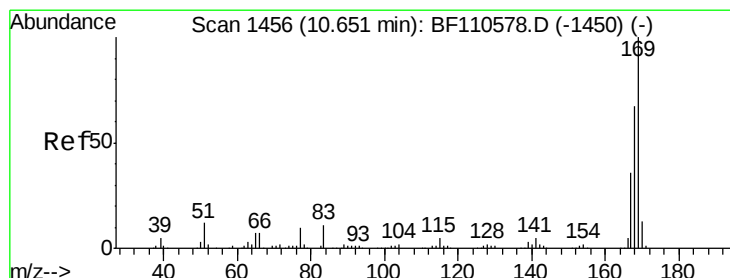
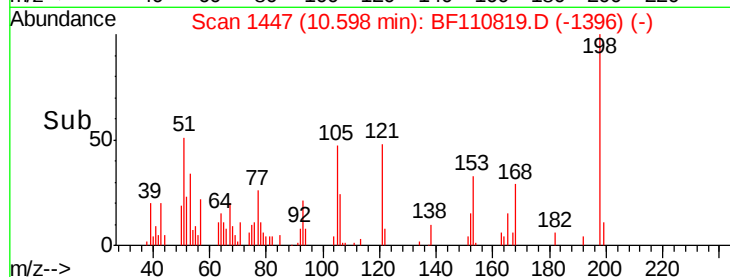
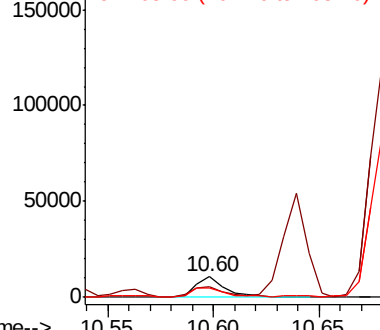
Ion	Ratio	Lower	Upper
198	100		
51	53.3	22.8	62.8
105	48.8	23.6	63.6



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: 42.286 ng

RT: 10.64 min Scan# 1454

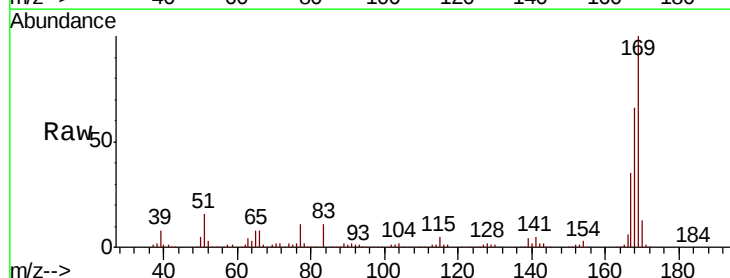
Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Tgt Ion:169 Resp: 284578

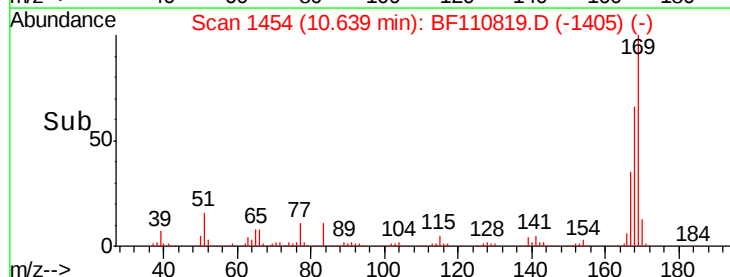
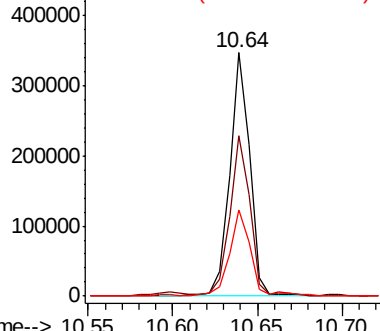
Ion	Ratio	Lower	Upper
169	100		
168	65.7	51.2	76.8
167	35.3	27.8	41.6

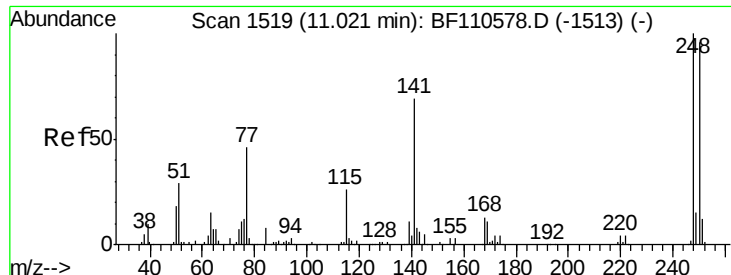


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

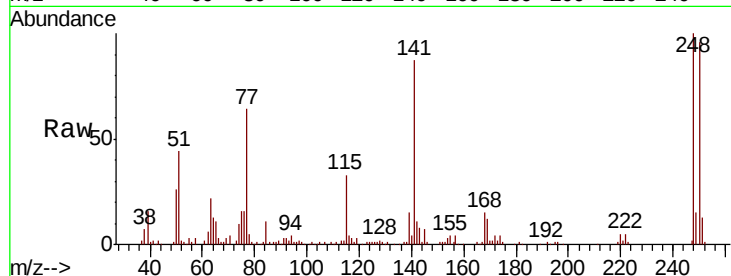




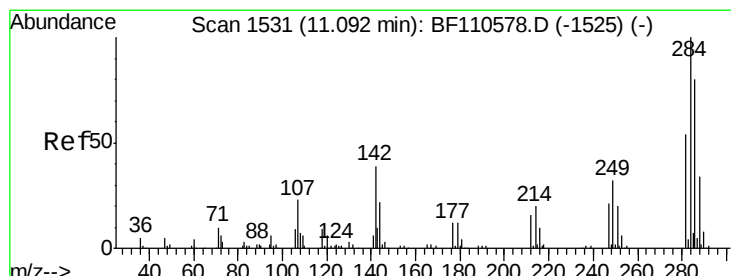
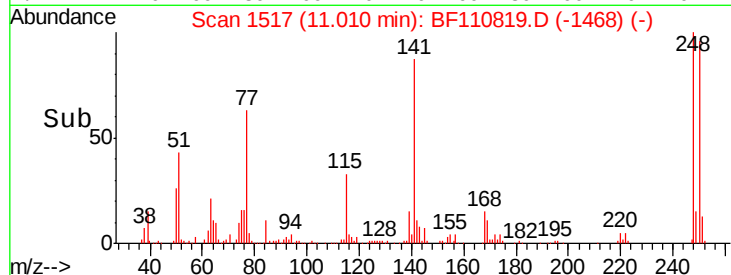
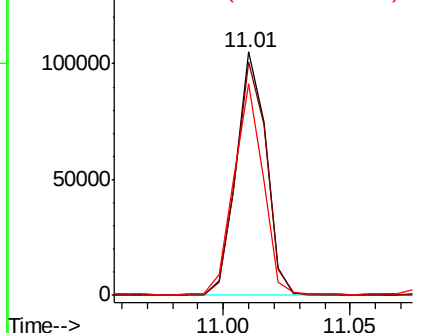
#67
4-Bromophenyl-phenylether
Concen: 39.131 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 86347
Ion Ratio Lower Upper
248 100
250 96.1 79.4 119.2
141 86.9 55.9 83.9#

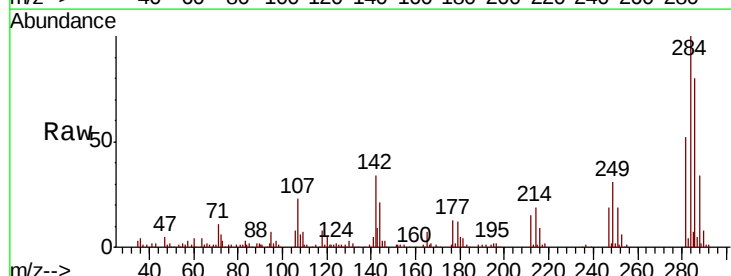


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

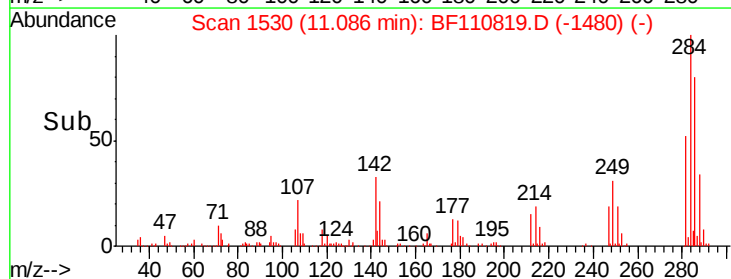
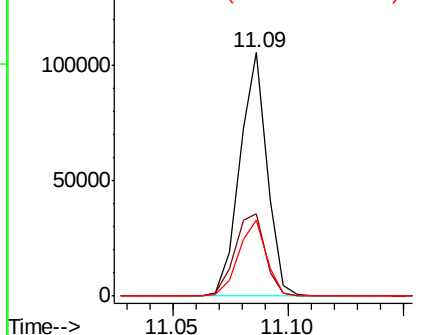


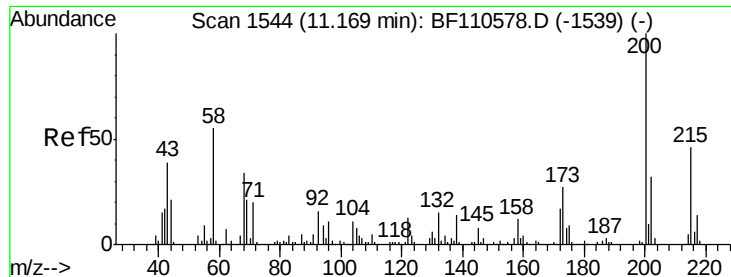
#68
Hexachlorobenzene
Concen: 37.234 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion:284 Resp: 86622
Ion Ratio Lower Upper
284 100
142 33.6 23.9 35.9
249 31.0 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

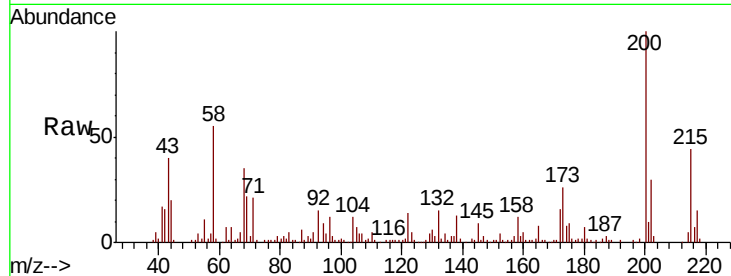




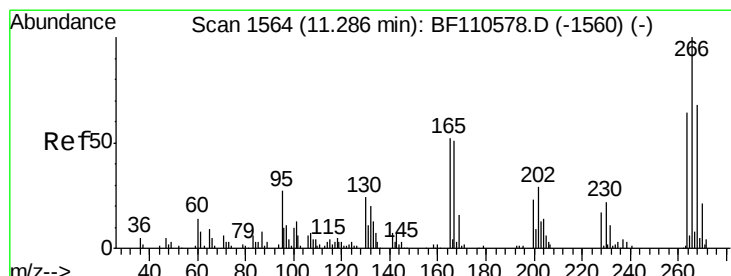
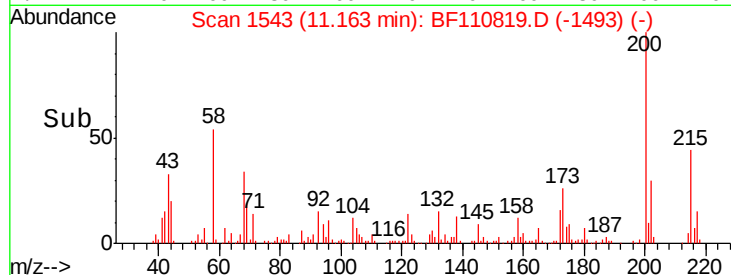
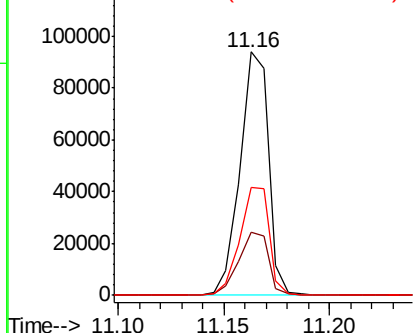
#69
 Atrazine
 Concen: 42.678 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 87818
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.6 46.6
 215 44.1 26.3 66.3

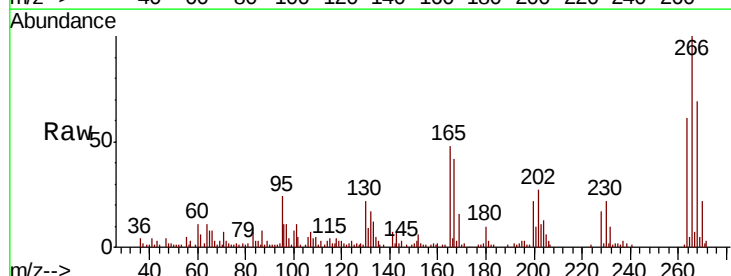


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

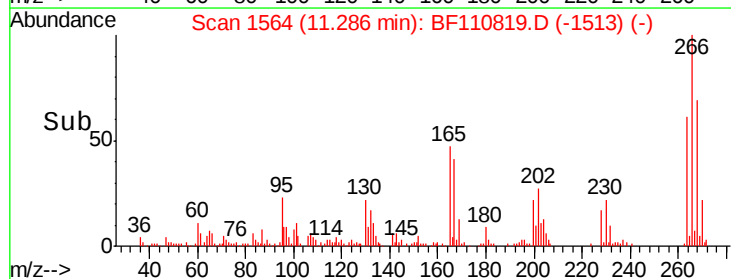
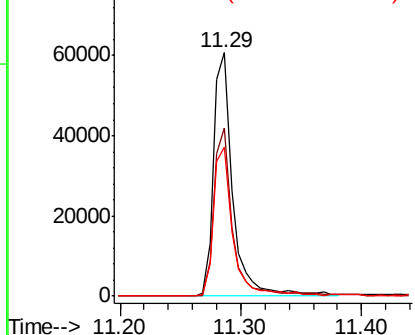


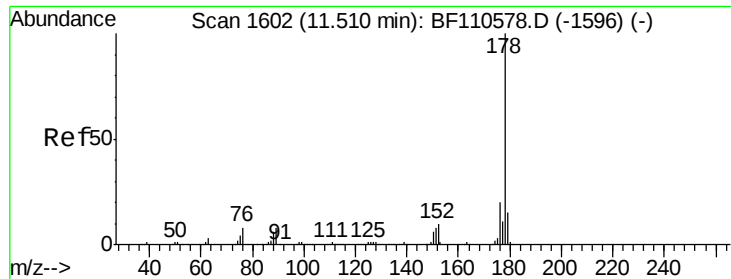
#70
 Pentachlorophenol
 Concen: 53.432 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion:266 Resp: 66329
 Ion Ratio Lower Upper
 266 100
 268 69.1 50.6 75.8
 264 61.3 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

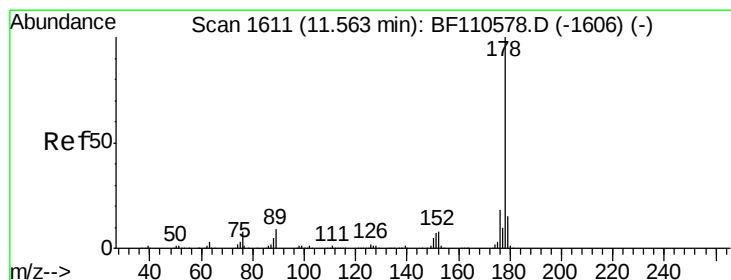
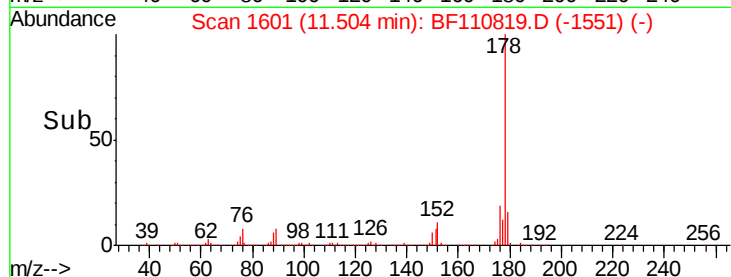
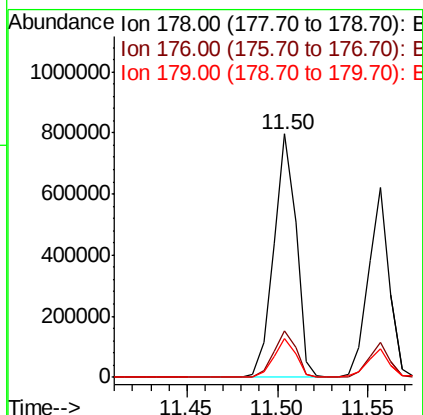
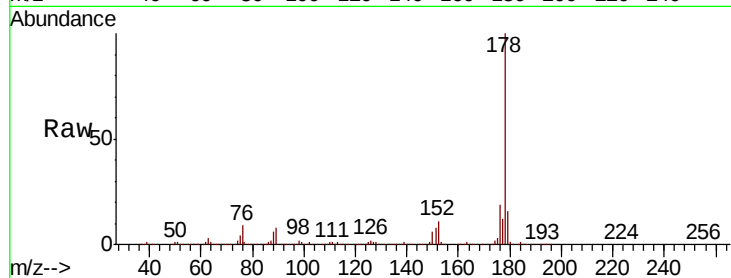




#71
Phenanthrene
Concen: 63.846 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

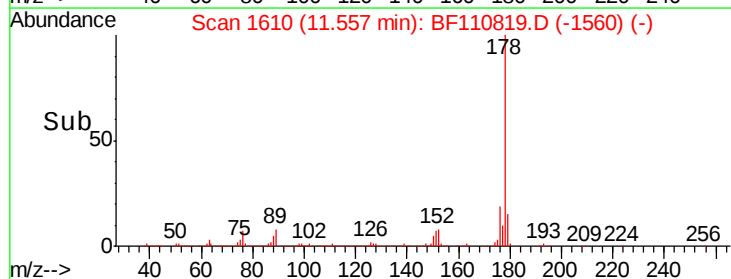
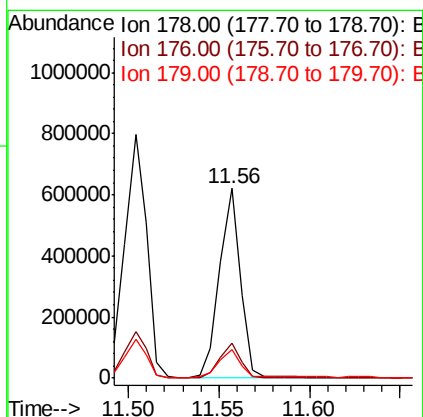
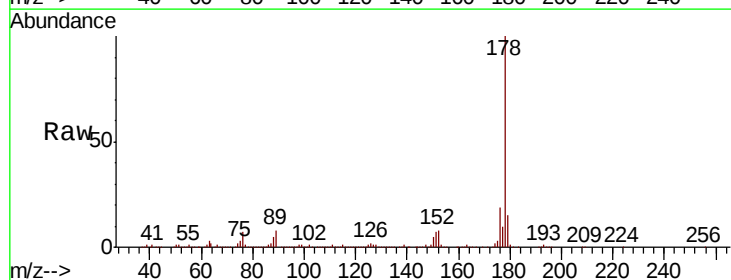
Instrument :
BNA_F
ClientSampleId :

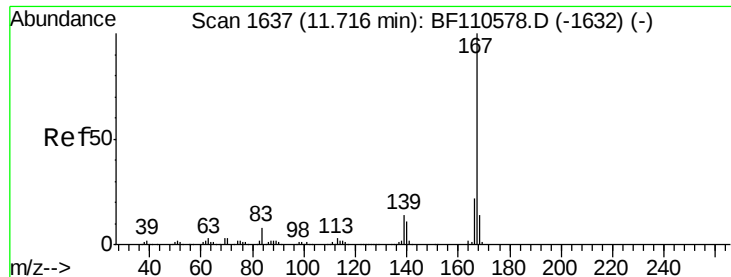
Tot Ion:178 Resp: 682933
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.8 12.5 18.7



#72
Anthracene
Concen: 46.464 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion:178 Resp: 501357
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.3 12.6 18.8



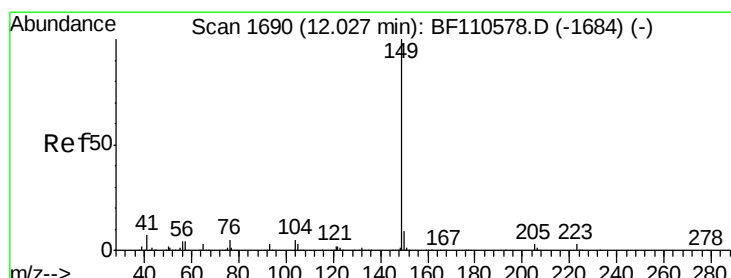
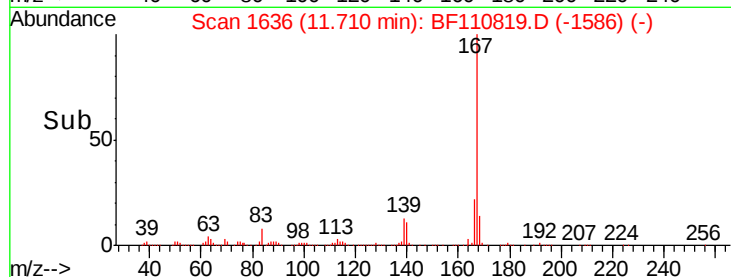
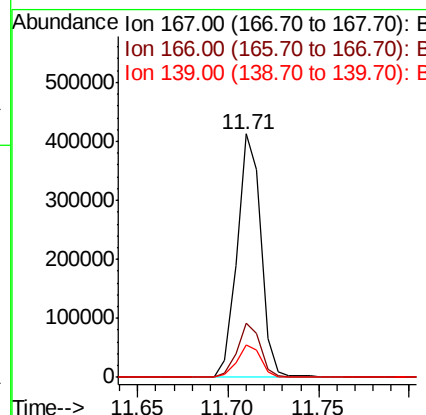
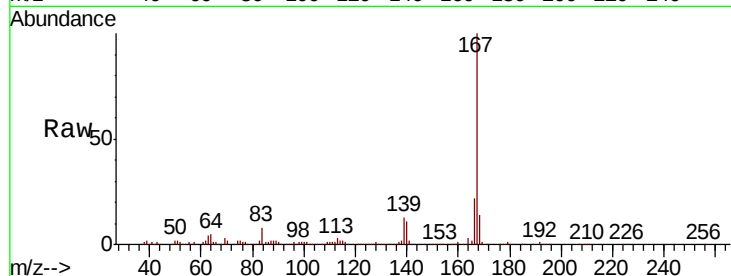


#73
 Carbazole
 Concen: 36.314 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 376308

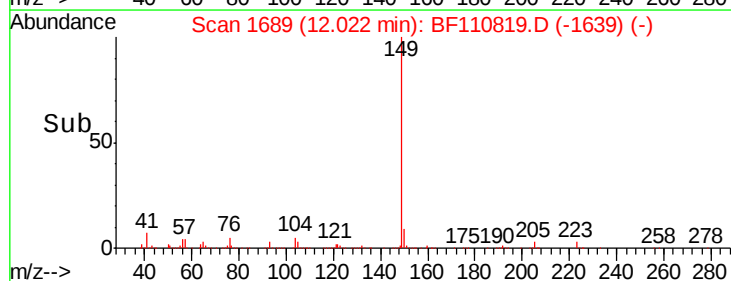
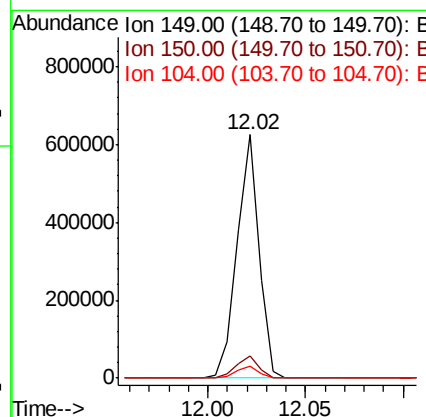
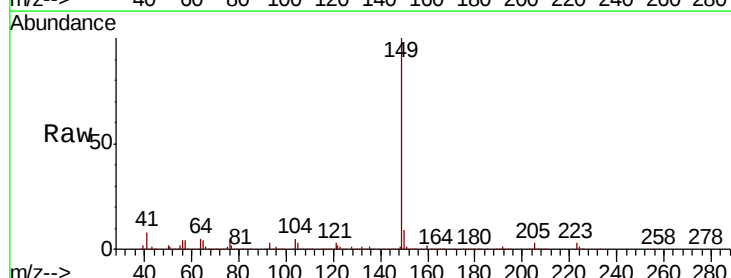
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	13.3	10.9	16.3

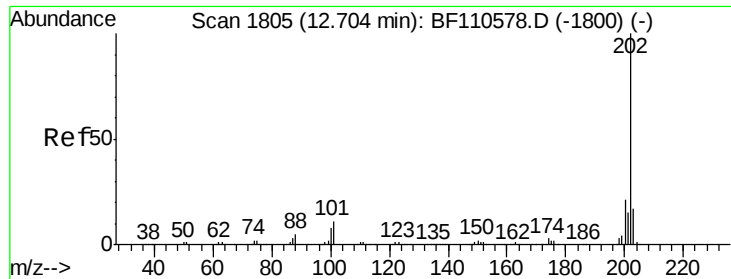


#74
 Di-n-butylphthalate
 Concen: 39.976 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110819.D
 Acq: 16 Nov 2018 16:25

Tgt Ion:149 Resp: 485783

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 66.303 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

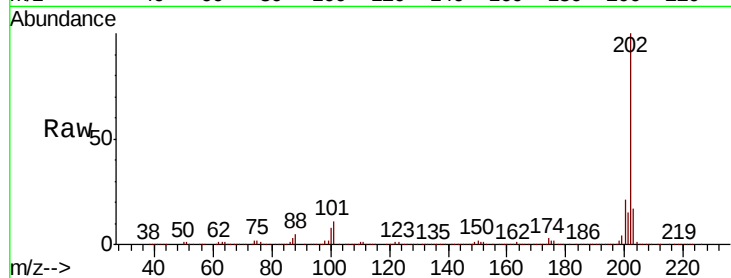
Tot Ion:202 Resp: 711040

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

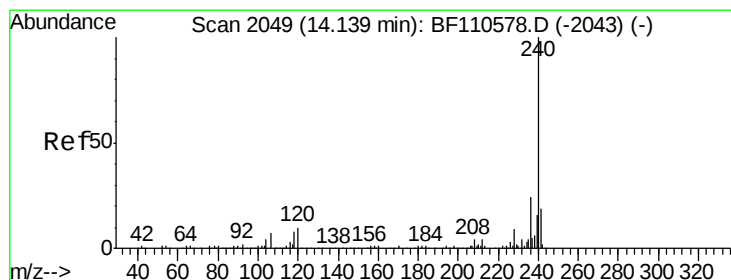
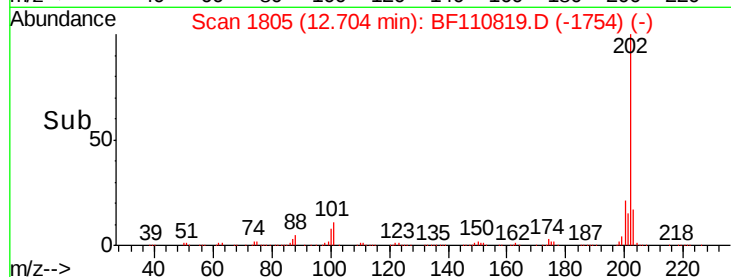
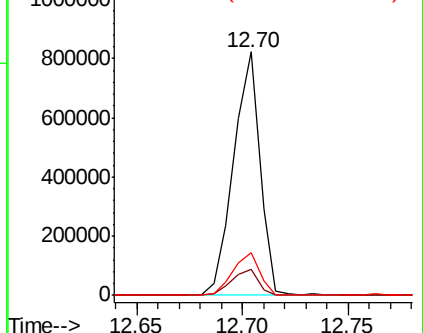
203 17.5 0.0 37.7



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: BF110819.D

Acq: 16 Nov 2018 16:25

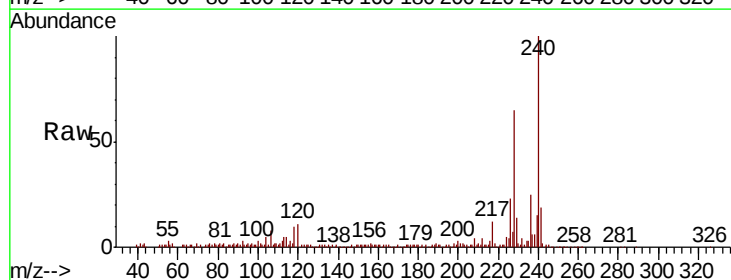
Tgt Ion:240 Resp: 143395

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

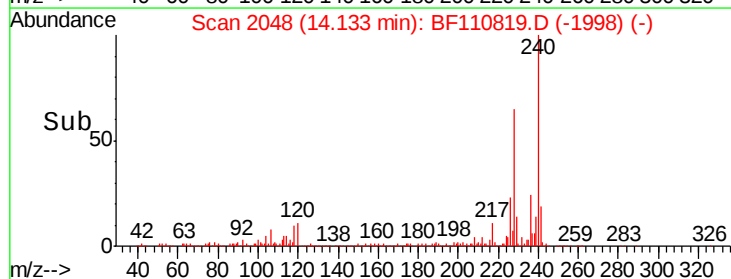
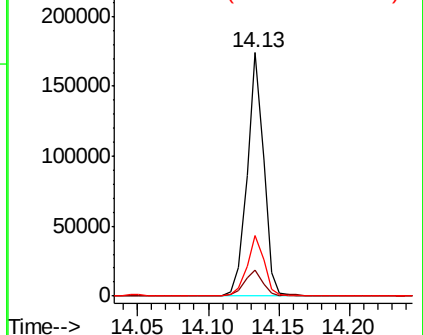
236 24.7 21.2 31.8

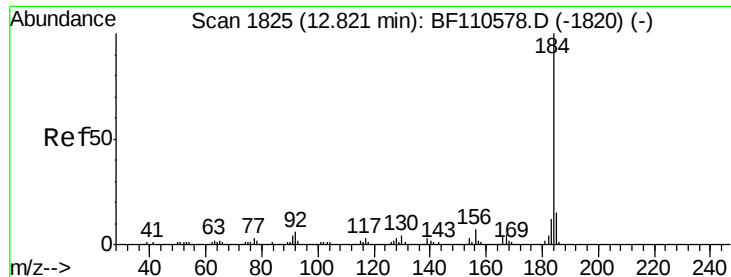


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.451 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

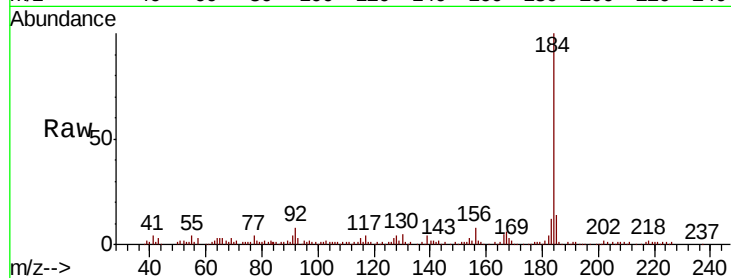
Tot Ion:184 Resp: 120081

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.2

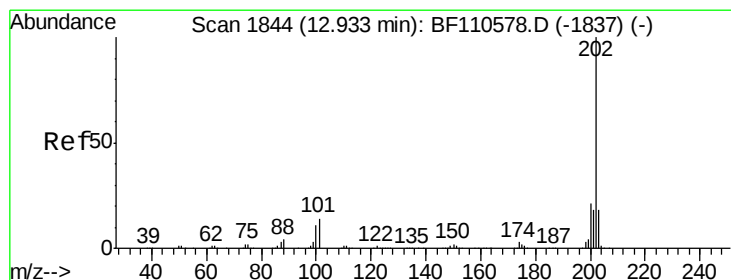
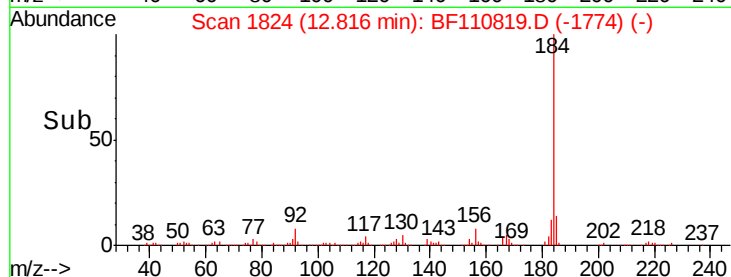
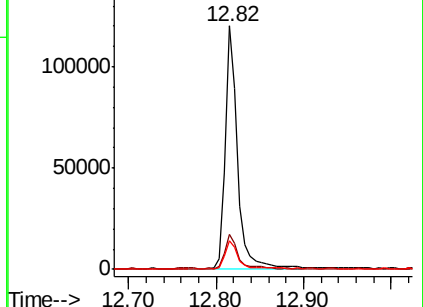
183 11.8 9.4 14.2



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: 64.262 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

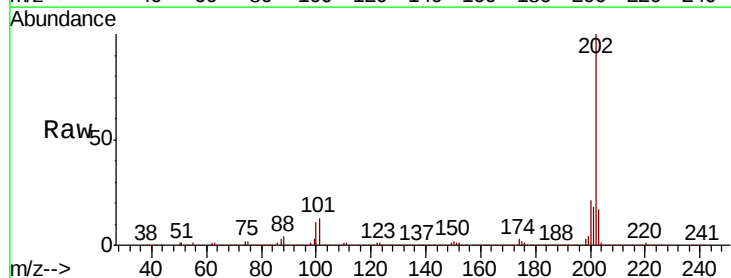
Tgt Ion:202 Resp: 709525

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

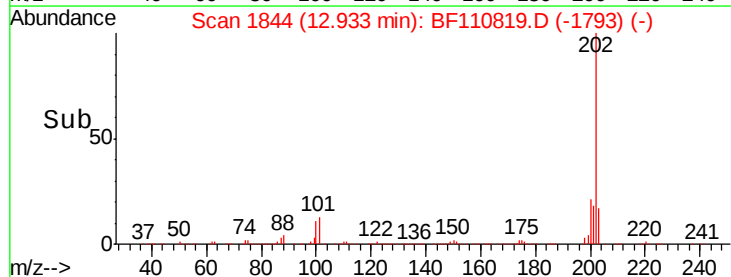
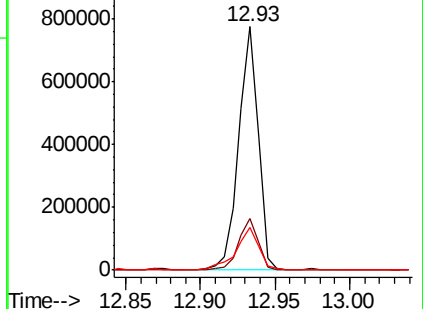
203 17.4 14.2 21.4

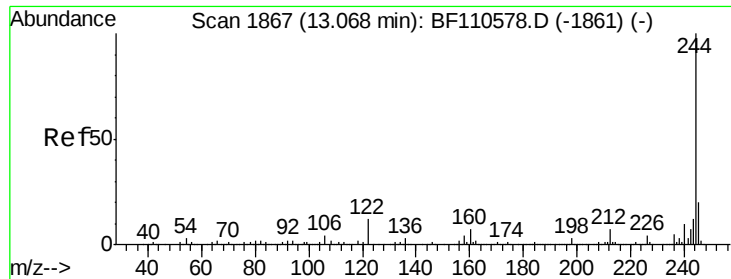


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.388 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

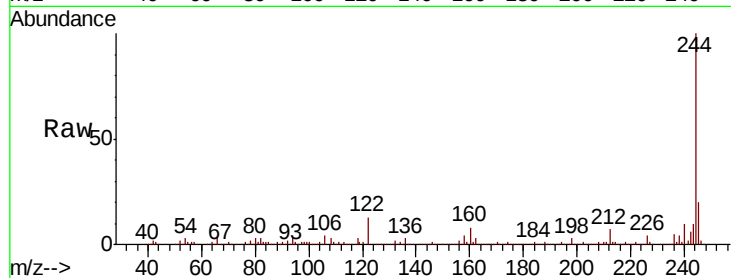
Tot Ion:244 Resp: 538951

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

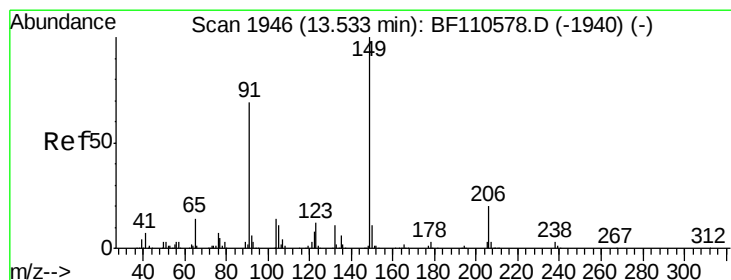
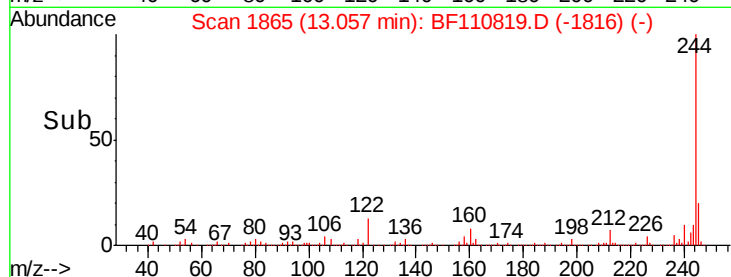
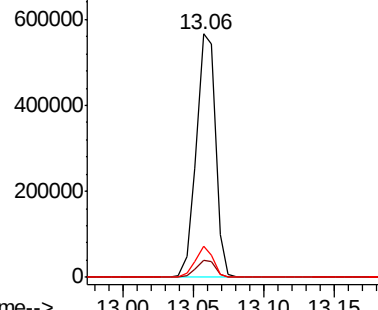
122 12.7 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.725 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

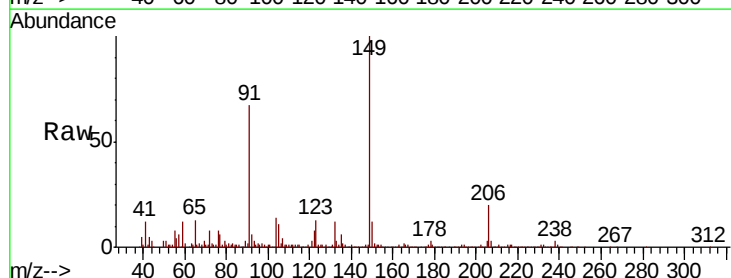
Tgt Ion:149 Resp: 169774

Ion Ratio Lower Upper

149 100

91 67.2 57.2 85.8

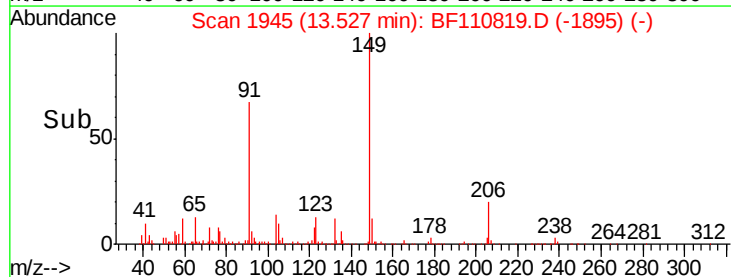
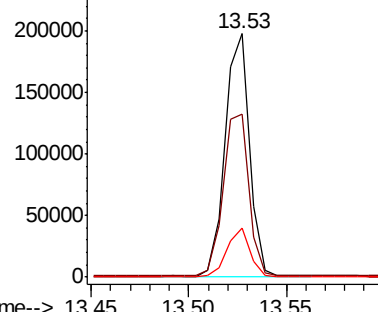
206 19.9 15.7 23.5

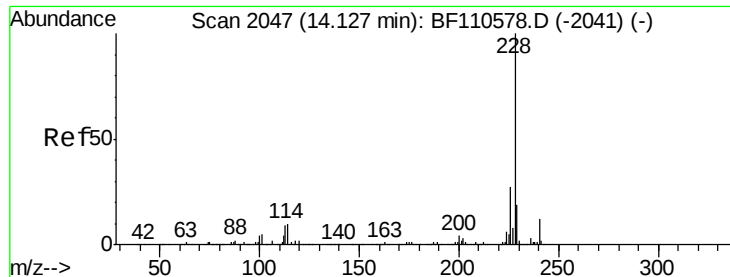


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

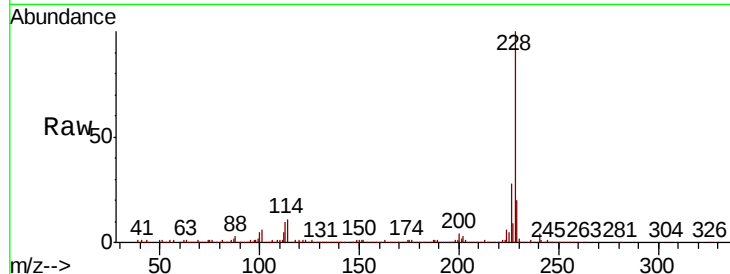




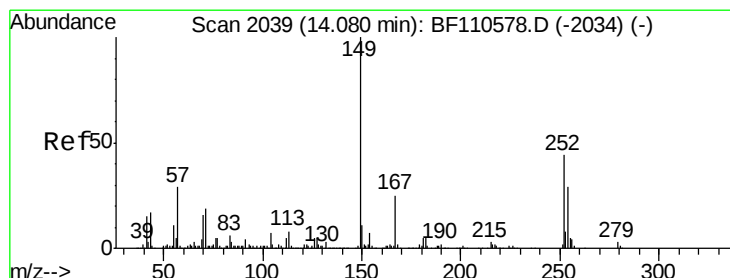
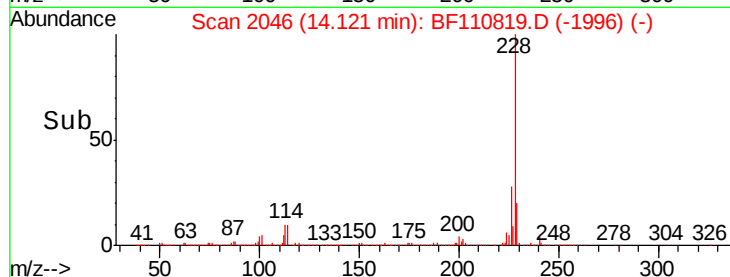
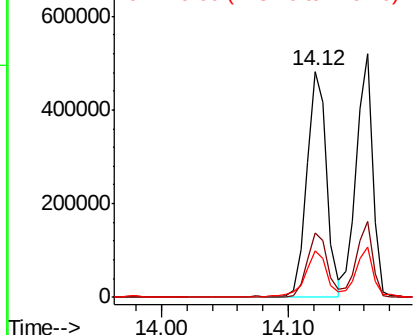
#81
Benzo(a)anthracene
Concen: 60.032 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 514524
Ion Ratio Lower Upper
228 100
226 28.5 22.1 33.1
229 20.3 15.6 23.4

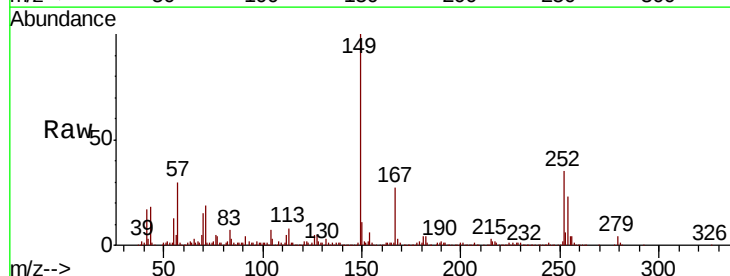


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

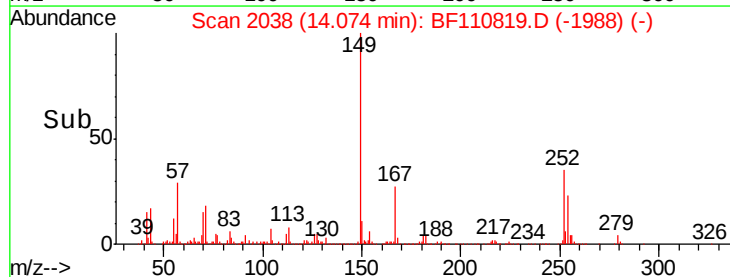
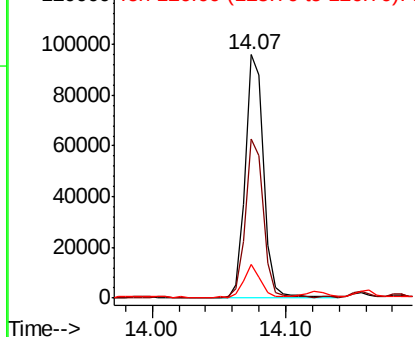


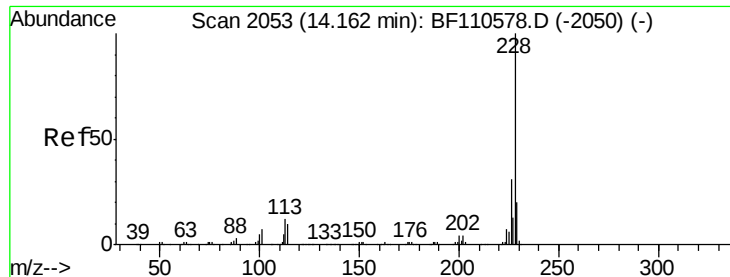
#82
3,3'-Dichlorobenzidine
Concen: 31.894 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion:252 Resp: 91574
Ion Ratio Lower Upper
252 100
254 65.5 51.3 76.9
126 13.8 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: 56.983 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

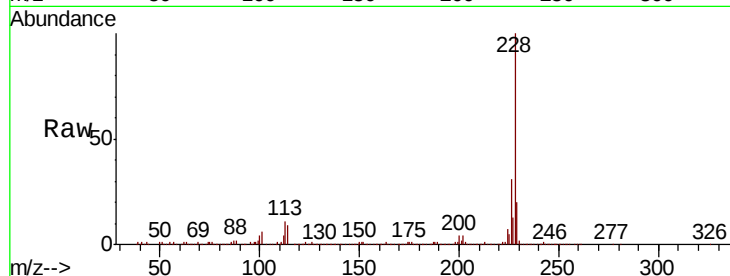
Tot Ion:228 Resp: 465290

Ion Ratio Lower Upper

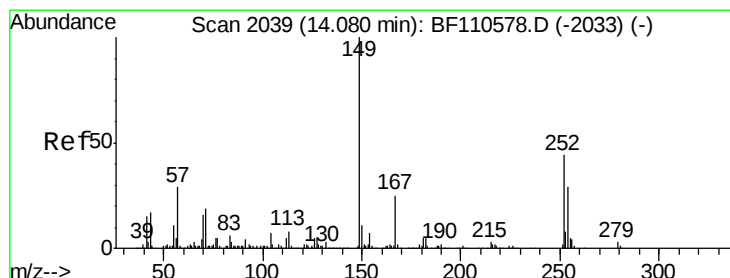
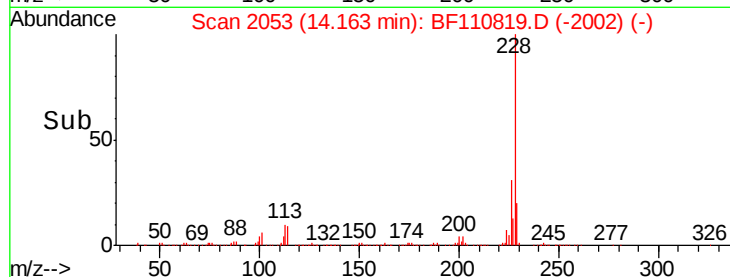
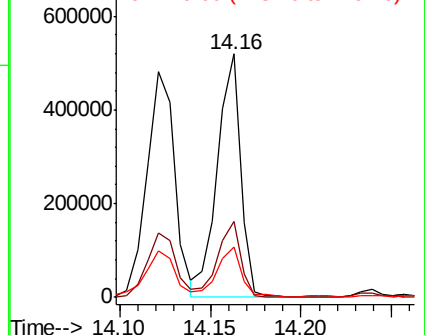
228 100

226 31.4 24.7 37.1

229 20.4 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: 40.607 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

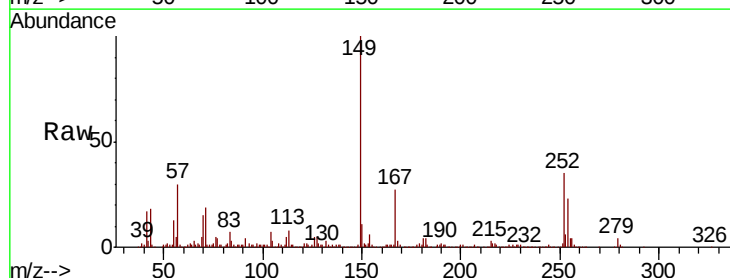
Tgt Ion:149 Resp: 239389

Ion Ratio Lower Upper

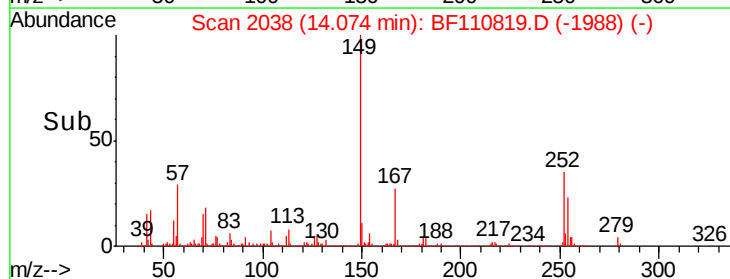
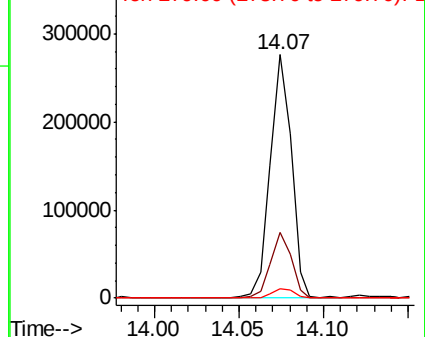
149 100

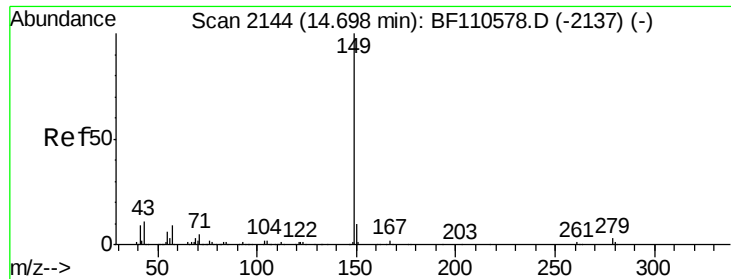
167 26.8 19.8 29.8

279 3.6 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: 47.681 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

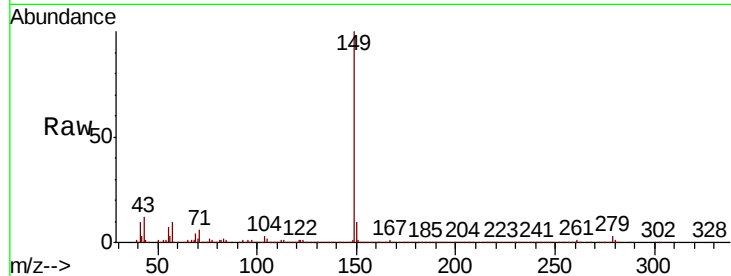
Tot Ion:149 Resp: 413355

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

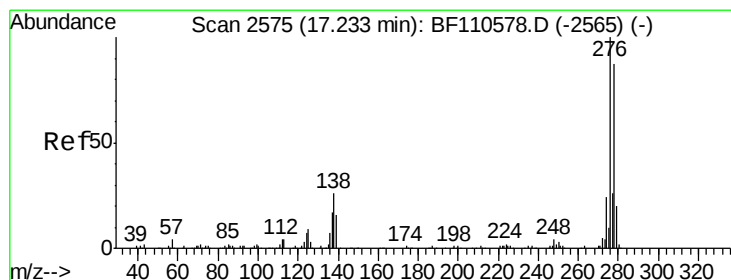
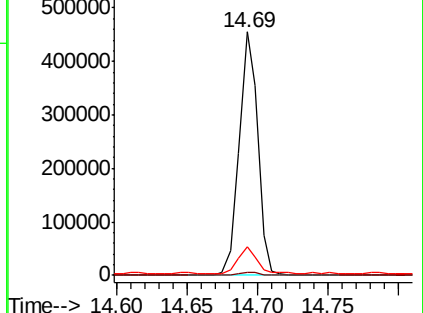
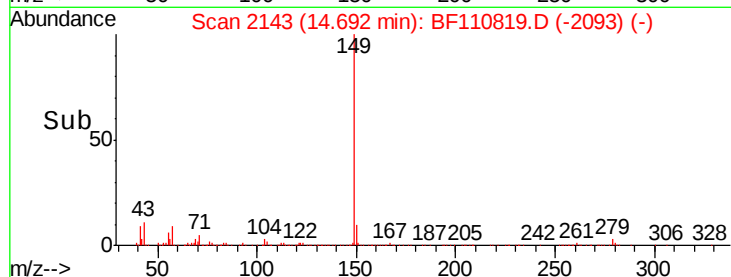
43 10.3 7.8 11.8



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: 45.786 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.01 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

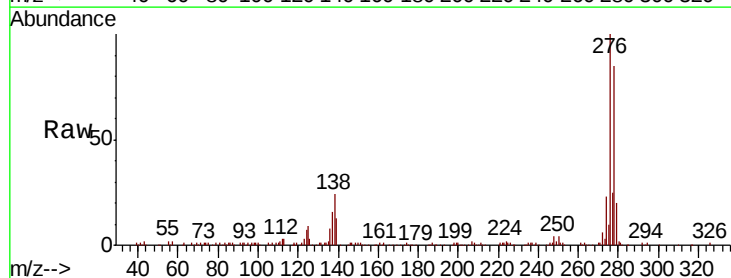
Tgt Ion:276 Resp: 268283

Ion Ratio Lower Upper

276 100

138 23.5 18.5 27.7

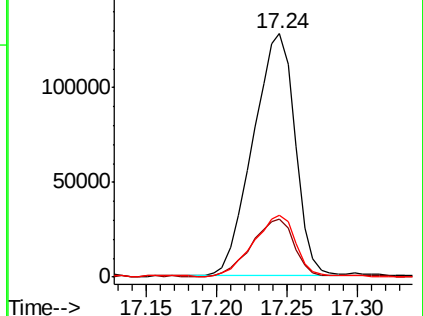
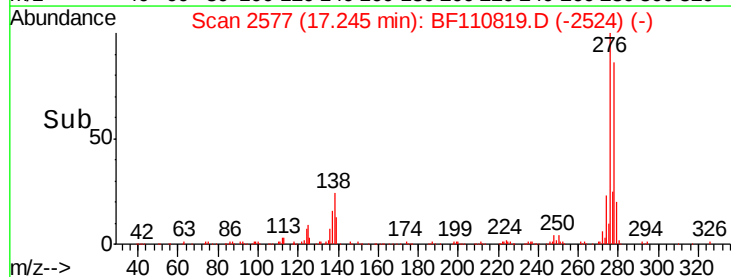
277 25.3 20.0 30.0

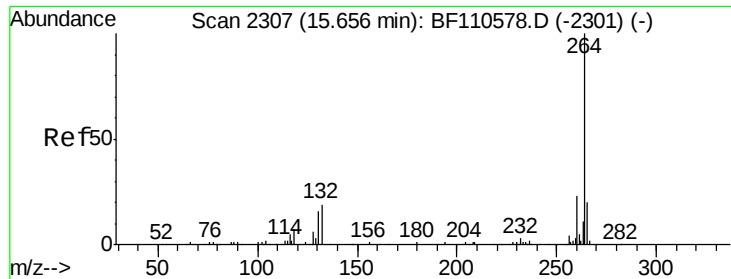


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



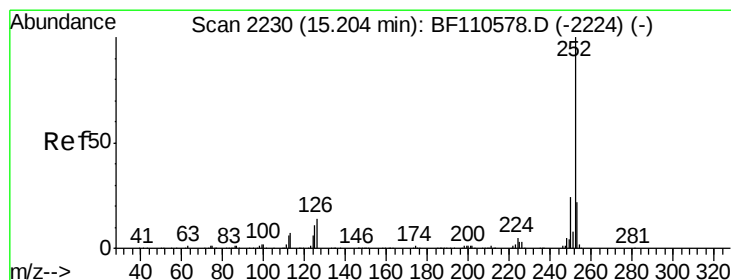
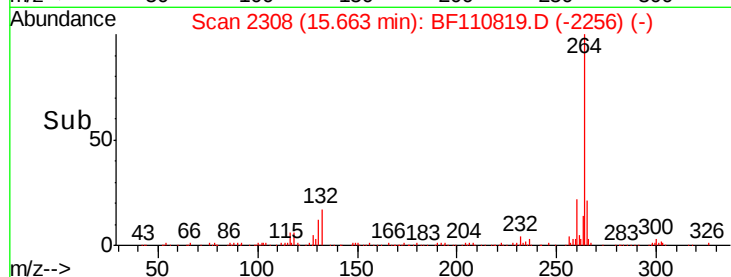
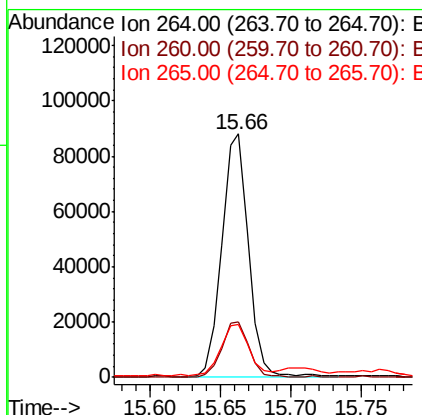
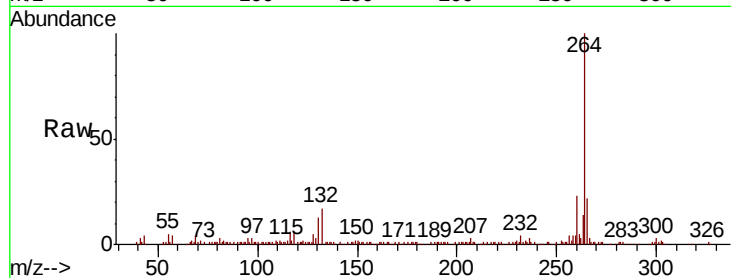


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 116240

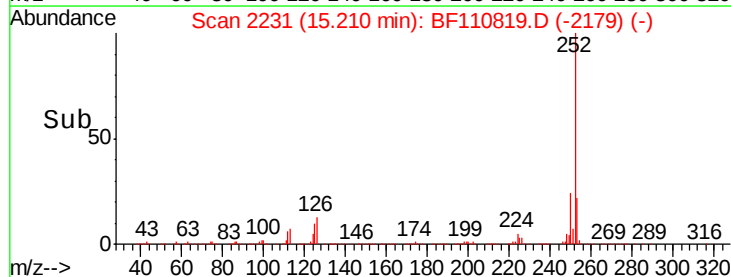
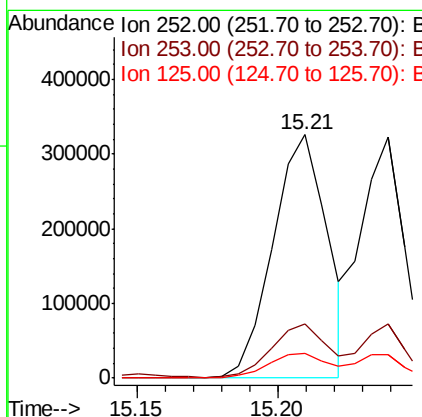
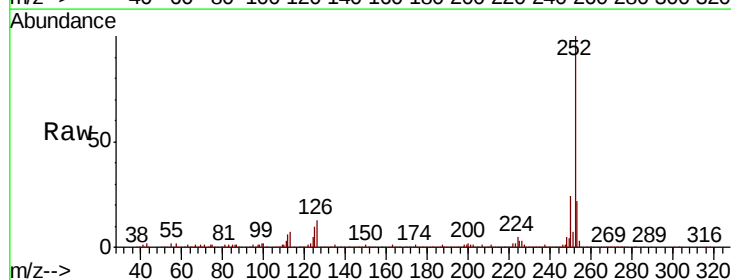
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.6	16.7	25.1

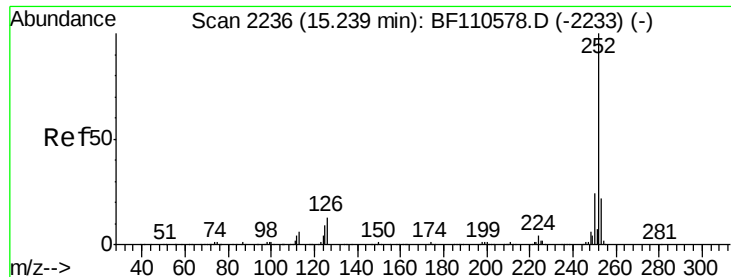


#88
Benzo(b)fluoranthene
Concen: 62.444 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion:252 Resp: 434231

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.2	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 49.651 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

Instrument :

BNA_F

ClientSampleId :

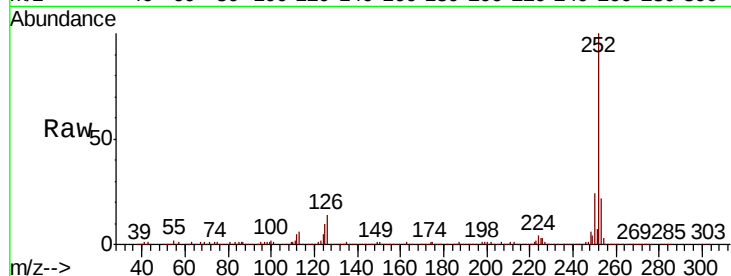
Tot Ion:252 Resp: 341161

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

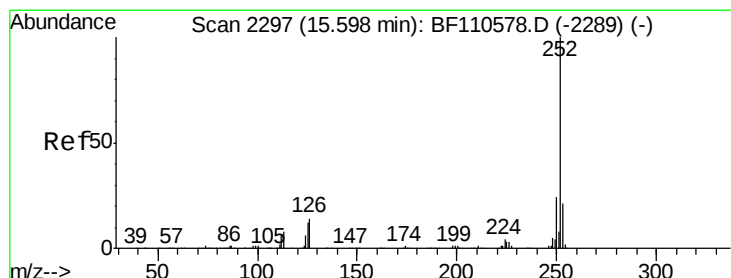
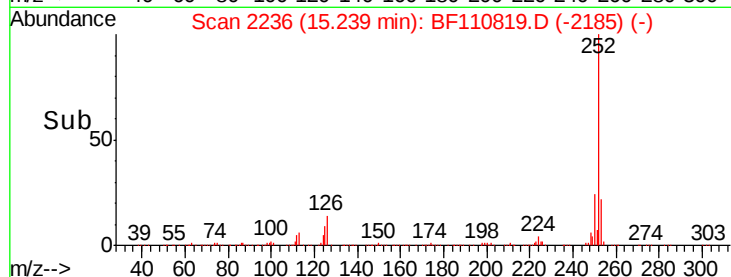
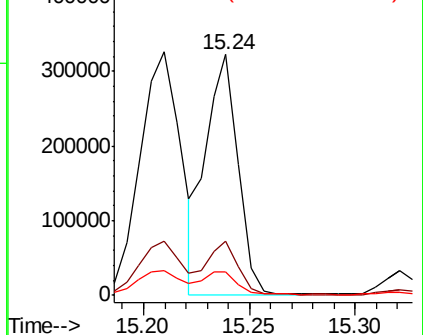
125 9.6 7.4 11.0



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



#90

Benzo(a)pyrene

Concen: 59.343 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BF110819.D

Acq: 16 Nov 2018 16:25

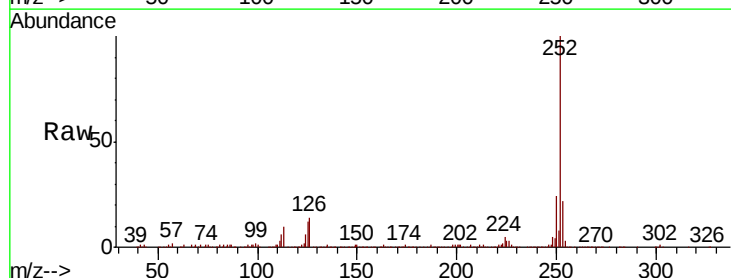
Tgt Ion:252 Resp: 374934

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

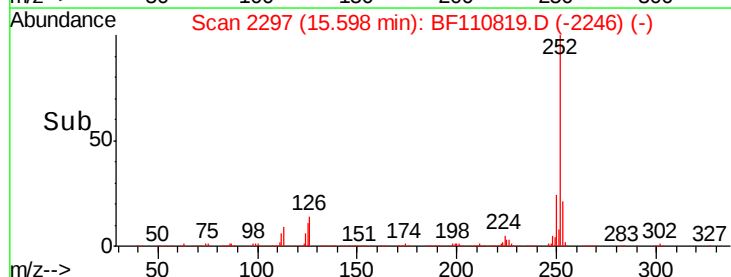
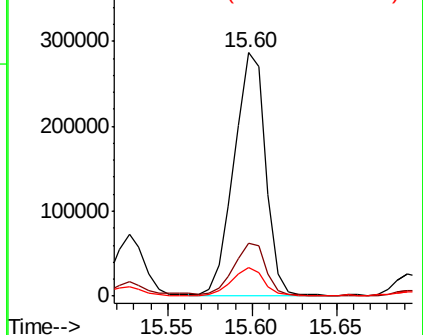
125 11.8 9.0 13.6

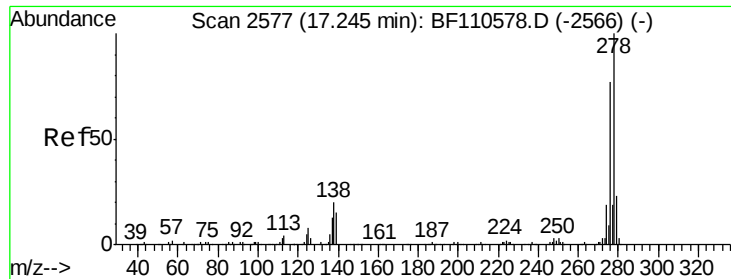


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

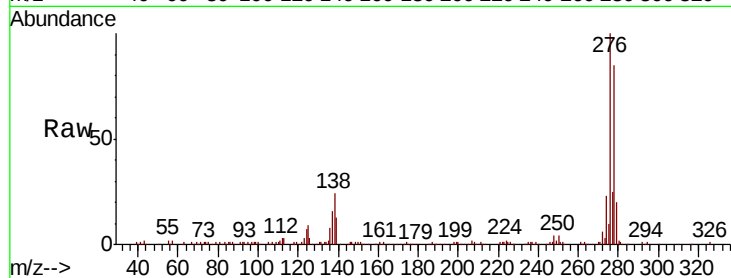




#91
Dibenzo(a,h)anthracene
Concen: 36.036 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	23.8	19.0	28.4

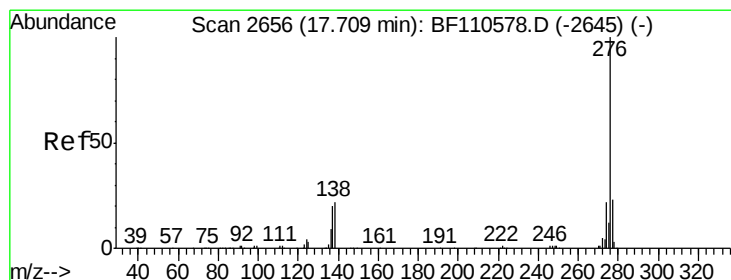
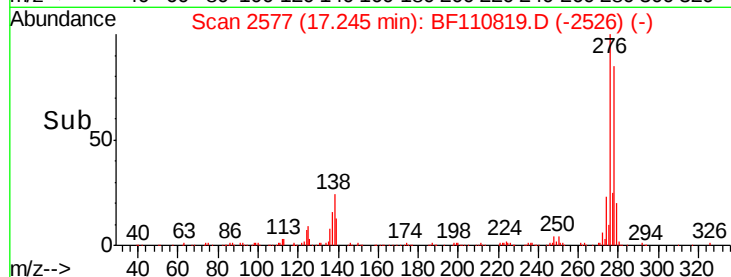
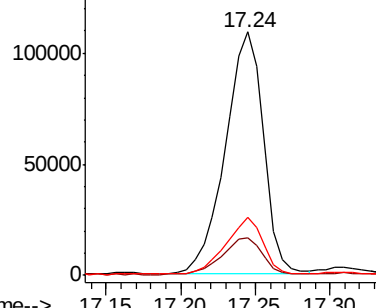


Abundance

Ion 278.00 (277.70 to 278.70): E

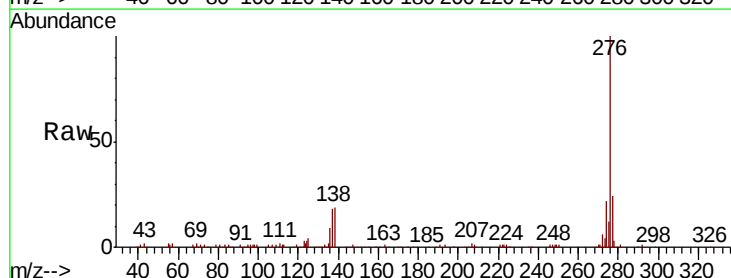
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.276 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.01 min
Lab File: BF110819.D
Acq: 16 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	18.9	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

