

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110807.D
 Acq On : 15 Nov 2018 23:51
 Operator : JU/SJ
 Sample : J5939-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 04:30:48 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	53235	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	216857	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	100079	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	174321	20.00	ng	0.00
76) Chrysene-d12	14.13	240	143511	20.00	ng	0.00
87) Perylene-d12	15.66	264	109146	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	346397	105.69	ng	0.01
7) Phenol-d6	6.57	99	336586	80.31	ng	0.00
23) Nitrobenzene-d5	7.50	82	265011	70.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	94377	93.59	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	506555	72.29	ng	0.00
79) Terphenyl-d14	13.06	244	466619	60.89	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	39625	24.266	ng	88
3) Pyridine	3.57	79	89116	25.283	ng	88
4) n-Nitrosodimethylamine	3.52	42	58006	38.354	ng	# 88
6) Aniline	6.61	93	320647	58.668	ng	# 52
8) 2-Chlorophenol	6.73	128	149417	38.890	ng	99
9) Benzaldehyde	6.50	77	42421	15.843	ng	97
10) Phenol	6.58	94	126887	26.110	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	127503	35.010	ng	93
12) 1,3-Dichlorobenzene	6.88	146	146095	34.753	ng	99
13) 1,4-Dichlorobenzene	6.96	146	149504	35.023	ng	96
14) 1,2-Dichlorobenzene	7.11	146	140650	35.418	ng	99
15) Benzyl Alcohol	7.08	79	117433	35.806	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	201207	35.180	ng	74
17) 2-Methylphenol	7.19	107	101656	33.246	ng	# 83
18) Hexachloroethane	7.45	117	47388	30.070	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	98834	36.944	ng	97
20) 3+4-Methylphenols	7.34	107	130441	33.232	ng	96
22) Acetophenone	7.35	105	200896	39.750	ng	# 96
24) Nitrobenzene	7.53	77	149613	38.779	ng	93
25) Isophorone	7.76	82	260802	42.257	ng	96
26) 2-Nitrophenol	7.84	139	87255	45.335	ng	100
27) 2,4-Dimethylphenol	7.87	122	110882	37.828	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	165520	39.610	ng	99
29) 2,4-Dichlorophenol	8.08	162	134941	44.740	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	126951	37.332	ng	95
31) Naphthalene	8.25	128	418409	41.100	ng	100
32) Benzoic acid	7.87	122	110882	53.464	ng	# 12
33) 4-Chloroaniline	8.30	127	253875	55.056	ng	98
34) Hexachlorobutadiene	8.35	225	70149	36.115	ng	99
35) Caprolactam	8.66	113	27847	27.635	ng	92
36) 4-Chloro-3-methylphenol	8.77	107	111533	34.288	ng	95
37) 2-Methylnaphthalene	8.94	142	286220	42.888	ng	99
38) 1-Methylnaphthalene	8.94	142	286220	44.596	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	120587	38.065	ng	99

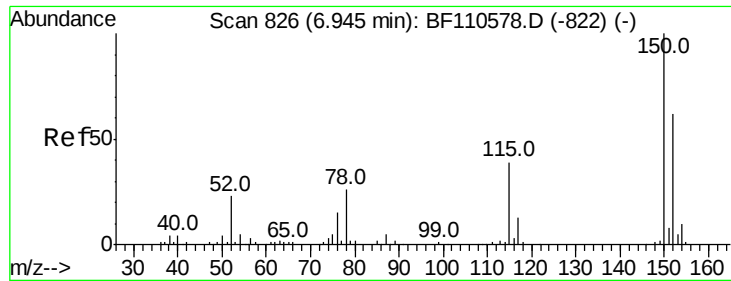
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110807.D
 Acq On : 15 Nov 2018 23:51
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	340	7.872	ng	# 27
43) 2,4,6-Trichlorophenol	9.22	196	82716	41.551	ng	95
44) 2,4,5-Trichlorophenol	9.26	196	93046	43.818	ng	96
46) 1,1'-Biphenyl	9.40	154	347771	37.251	ng	99
47) 2-Chloronaphthalene	9.43	162	257411	38.271	ng	98
48) 2-Nitroaniline	9.53	65	83431	40.253	ng	88
49) Acenaphthylene	9.85	152	405856	41.900	ng	99
50) Dimethylphthalate	9.69	163	307348	41.157	ng	99
51) 2,6-Dinitrotoluene	9.77	165	64743	39.412	ng	96
52) Acenaphthene	10.02	154	243267	39.740	ng	98
53) 3-Nitroaniline	9.95	138	74657	39.228	ng	87
55) Dibenzofuran	10.19	168	352423	39.351	ng	97
56) 4-Nitrophenol	10.10	139	72249	57.221	ng	95
57) 2,4-Dinitrotoluene	10.18	165	56131	26.280	ng	97
58) Fluorene	10.53	166	280061	40.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	56904	34.064	ng	93
60) Diethylphthalate	10.39	149	312455	42.293	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	137547	38.617	ng	98
62) 4-Nitroaniline	10.56	138	78688	41.059	ng	91
63) Azobenzene	10.68	77	276475	38.357	ng	98
66) n-Nitrosodiphenylamine	10.64	169	248681	42.323	ng	96
67) 4-Bromophenyl-phenylether	11.02	248	77153	40.046	ng	99
68) Hexachlorobenzene	11.09	284	80771	39.765	ng	95
69) Atrazine	11.16	200	81321	45.264	ng	100
70) Pentachlorophenol	11.29	266	27548	25.417	ng	99
71) Phenanthrene	11.50	178	395657	42.365	ng	100
72) Anthracene	11.56	178	411014	43.627	ng	99
73) Carbazole	11.72	167	355274	39.267	ng	99
74) Di-n-butylphthalate	12.02	149	474437	44.716	ng	99
75) Fluoranthene	12.70	202	393693	42.047	ng	99
77) Benzidine	12.84	184	1896397	480.516	ng	96
78) Pyrene	12.93	202	397958	36.014	ng	98
80) Butylbenzylphthalate	13.53	149	182243	38.318	ng	97
81) Benzo(a)anthracene	14.12	228	365956	42.663	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	136603	47.539	ng	98
83) Chrysene	14.16	228	346908	42.450	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	244188	41.388	ng	97
85) Di-n-octyl phthalate	14.69	149	437954	50.478	ng	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	230488	39.304	ng	98
88) Benzo(b)fluoranthene	15.20	252	310352	47.531	ng	100
89) Benzo(k)fluoranthene	15.20	252	310352	48.103	ng	99
90) Benzo(a)pyrene	15.60	252	265576	44.766	ng	96
91) Dibenzo(a,h)anthracene	17.24	278	191997	38.243	ng	100
92) Benzo(g,h,i)perylene	17.72	276	180048	36.146	ng	96

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

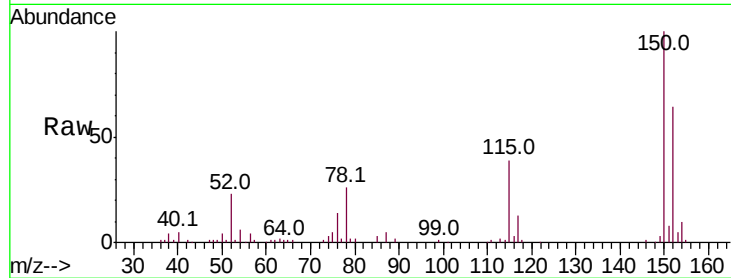


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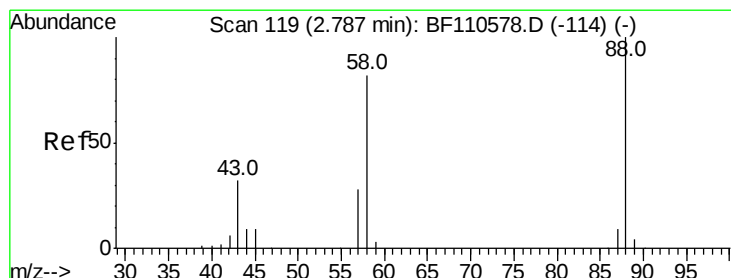
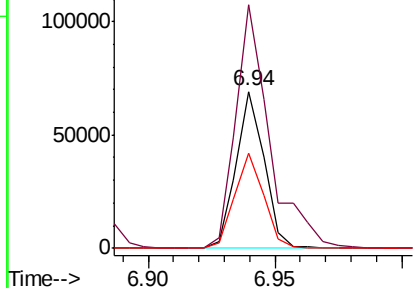
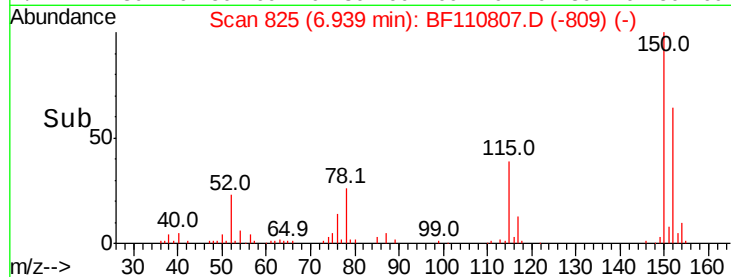
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53235
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 60.7 49.1 73.7



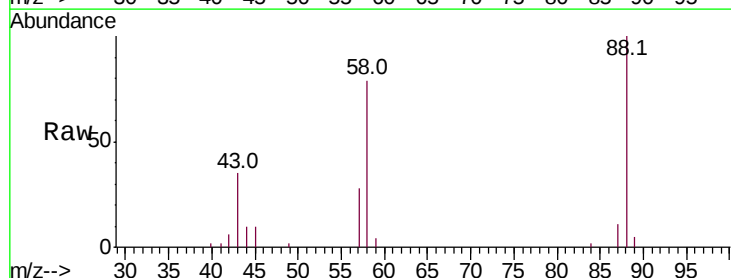
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



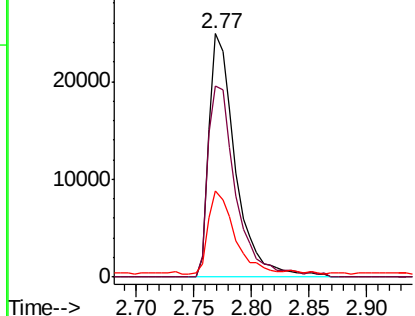
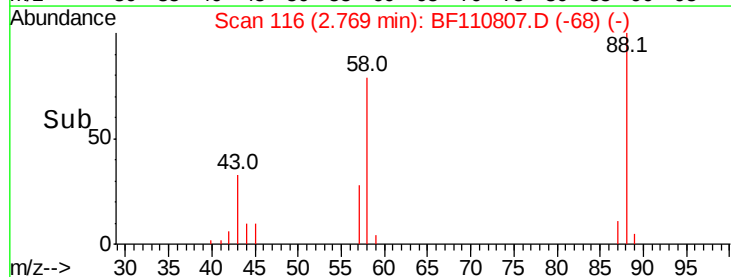
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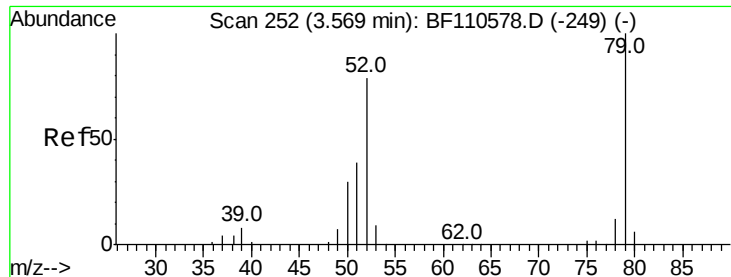
1,4-Dioxane
Concen: 24.266 ng
RT: 2.77 min Scan# 116
Delta R.T. -0.02 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion: 88 Resp: 39625
Ion Ratio Lower Upper
88 100
58 82.7 57.1 85.7
43 34.7 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

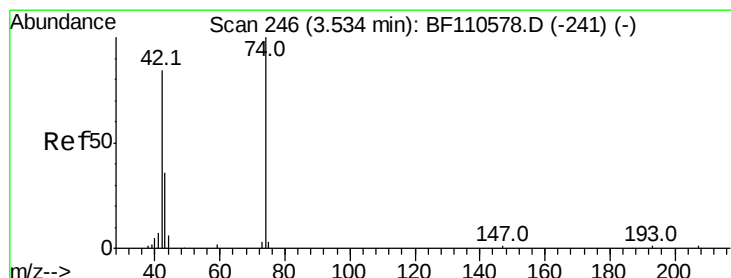
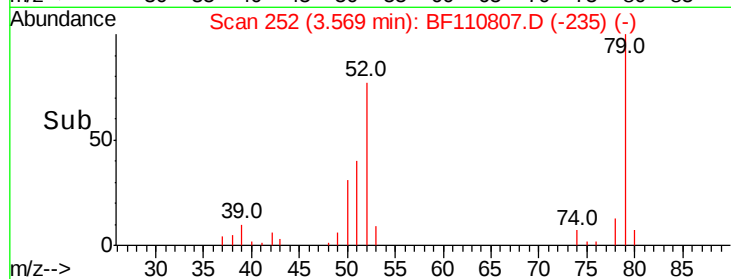
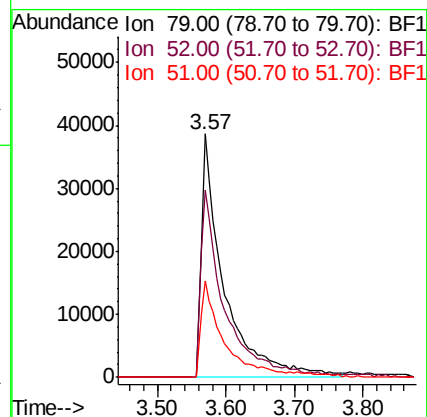
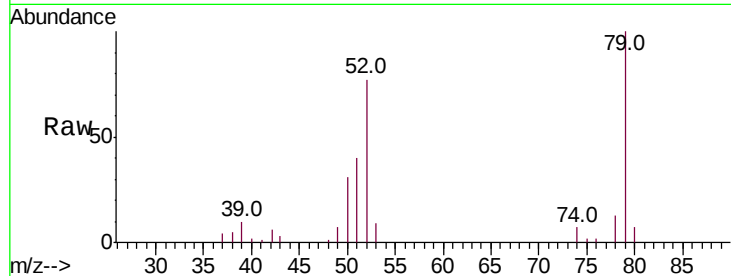




#3
 Pvridine
 Concen: 25.283 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

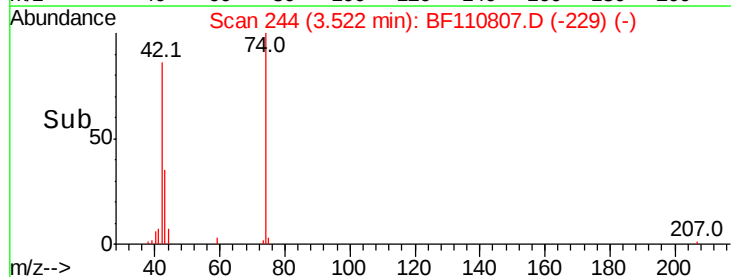
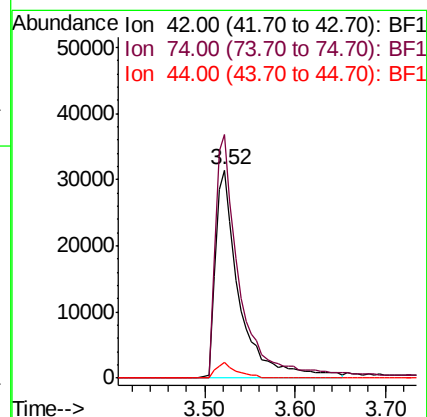
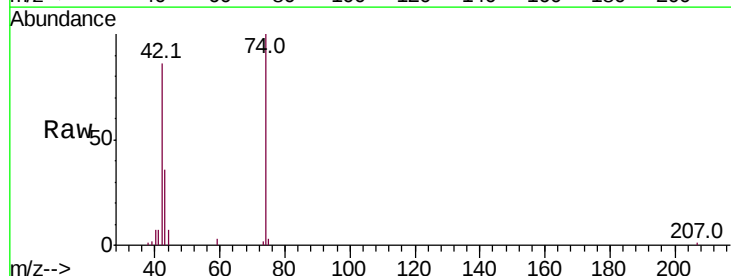
Instrument :
 BNA_F
 ClientSampleId :

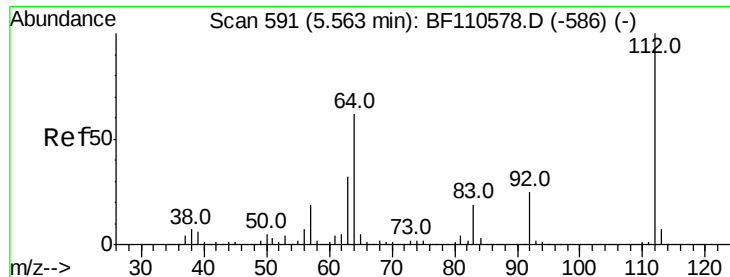
Tot Ion: 79 Resp: 89116
 Ion Ratio Lower Upper
 79 100
 52 76.7 53.1 79.7
 51 39.6 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 38.354 ng
 RT: 3.52 min Scan# 244
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Tgt Ion: 42 Resp: 58006
 Ion Ratio Lower Upper
 42 100
 74 116.9 105.5 158.3
 44 7.6 4.9 7.3#





#5

2-Fluorophenol

Concen: 105.693 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

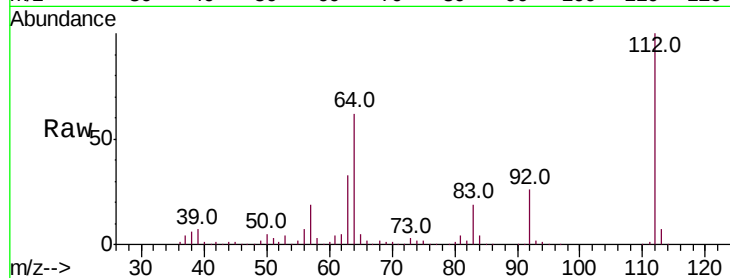
Tot Ion:112 Resp: 346397

Ion Ratio Lower Upper

112 100

64 61.8 44.1 66.1

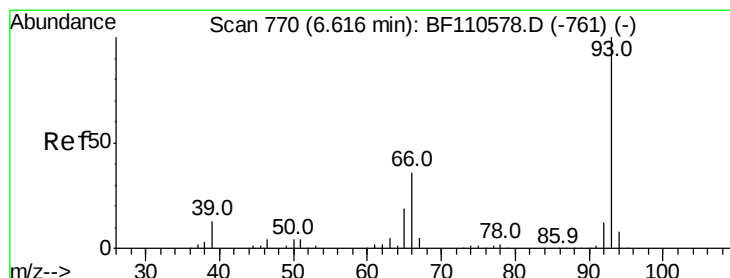
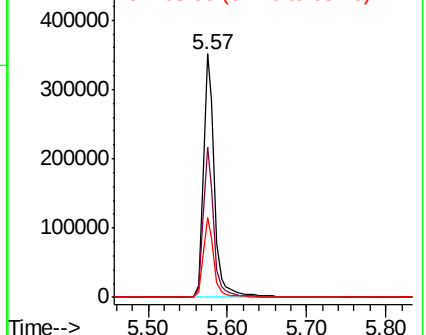
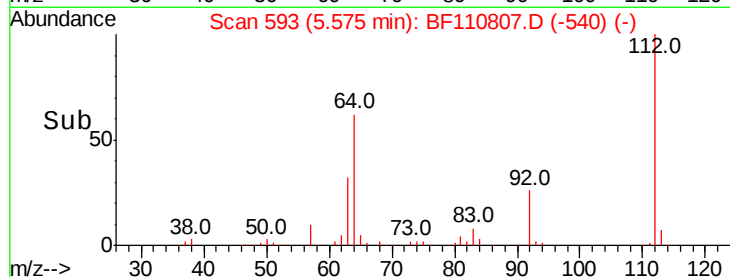
63 32.9 23.7 35.5



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: 58.668 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

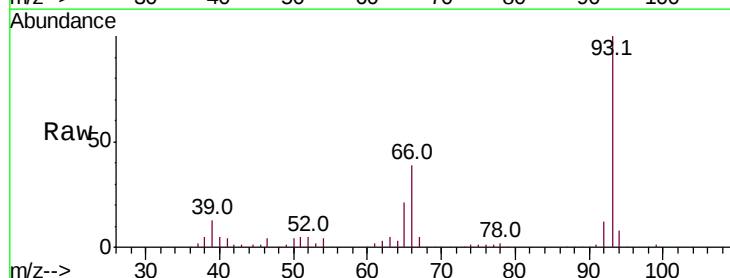
Tgt Ion: 93 Resp: 320647

Ion Ratio Lower Upper

93 100

66 39.0 67.4 101.0#

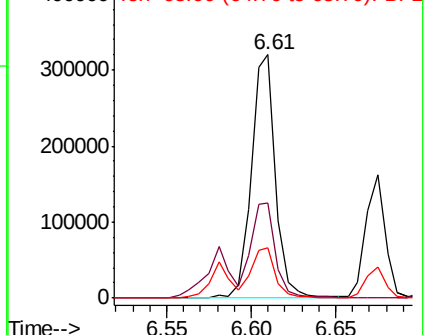
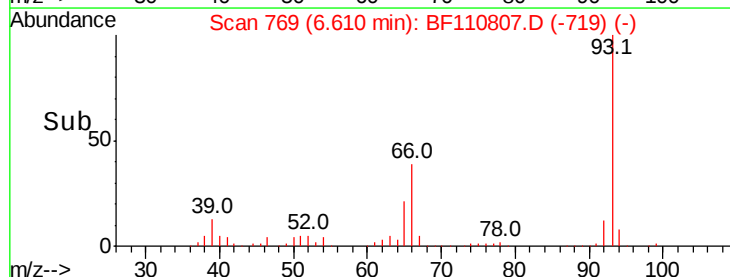
65 20.6 41.0 61.4#

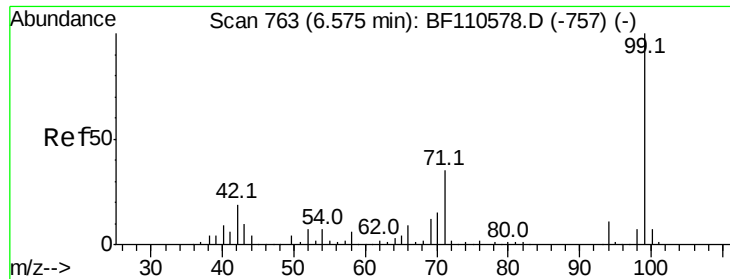


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.312 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampled :

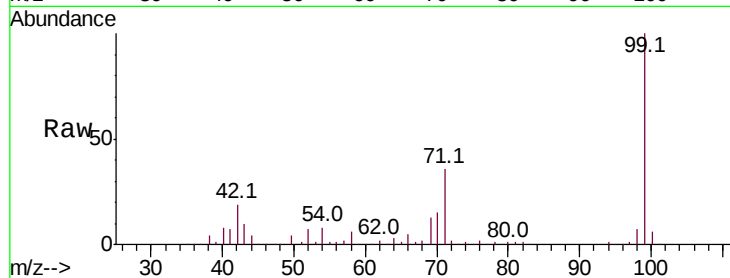
Tot Ion: 99 Resp: 336586

Ion Ratio Lower Upper

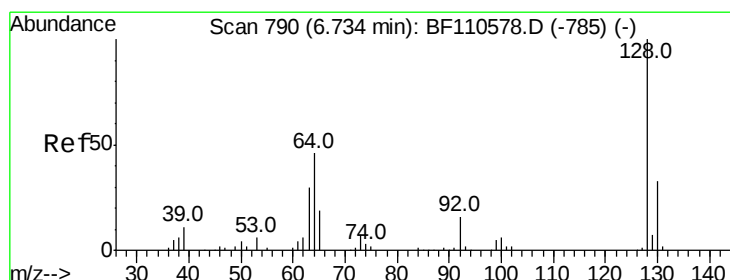
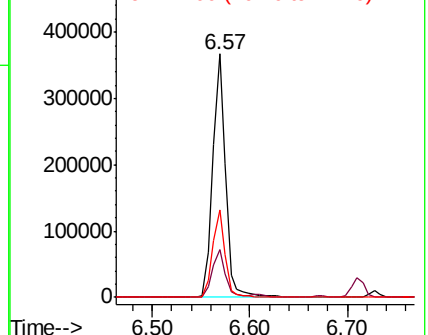
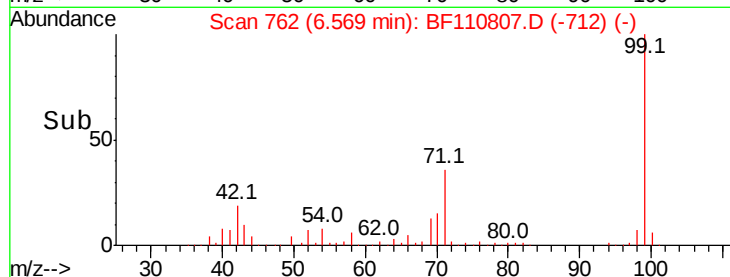
99 100

42 19.5 15.8 23.6

71 35.7 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: 38.890 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

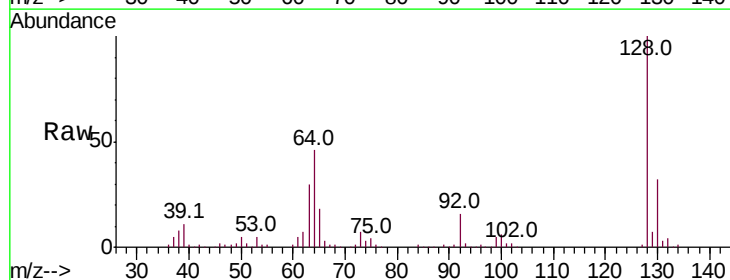
Tgt Ion: 128 Resp: 149417

Ion Ratio Lower Upper

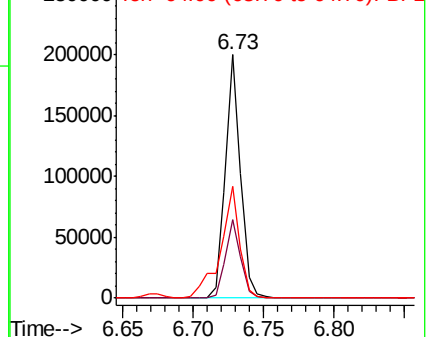
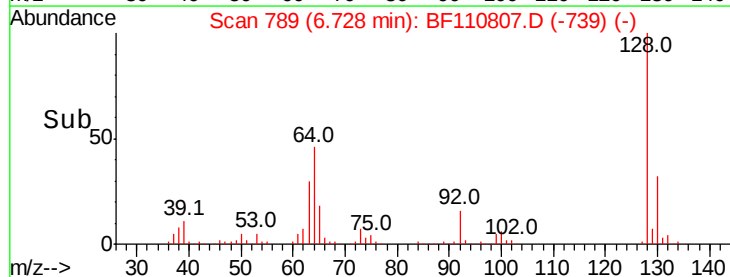
128 100

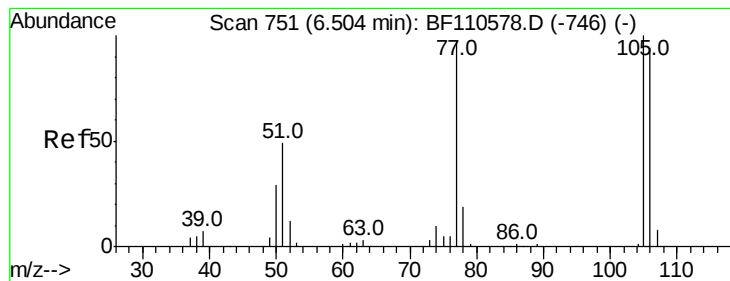
130 32.1 13.1 53.1

64 45.8 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: 15.843 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampled :

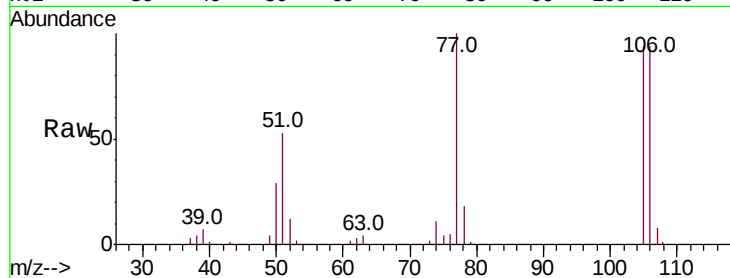
Tot Ion: 77 Resp: 42421

Ion Ratio Lower Upper

77 100

105 94.3 78.6 118.6

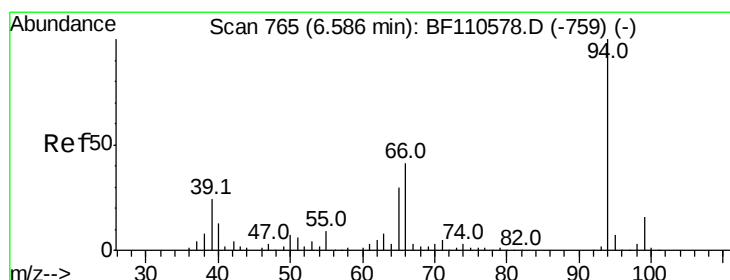
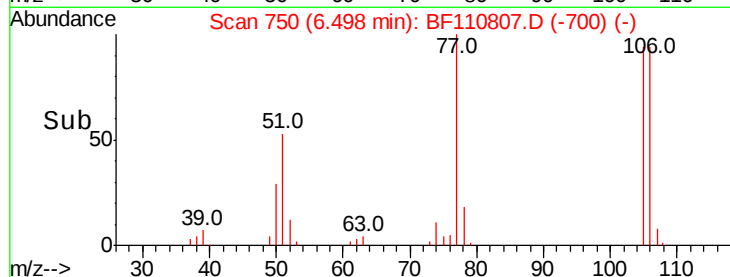
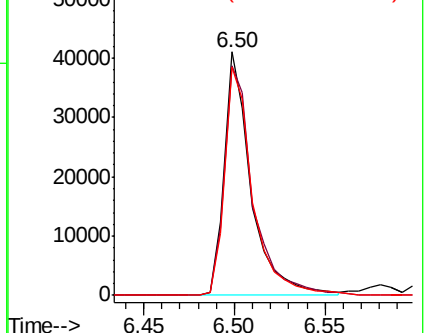
106 93.8 74.8 114.8



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: 26.110 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

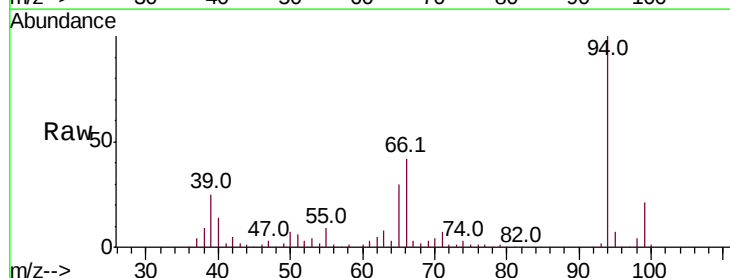
Tgt Ion: 94 Resp: 126887

Ion Ratio Lower Upper

94 100

65 29.9 25.3 65.3

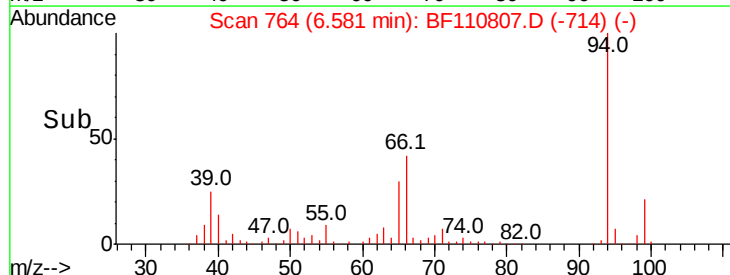
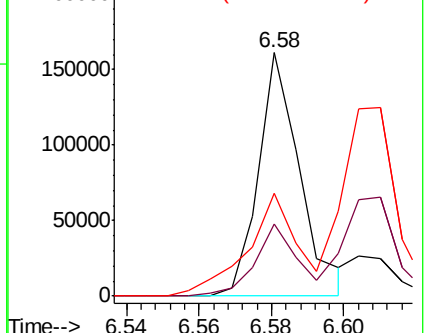
66 42.5 54.5 94.5#

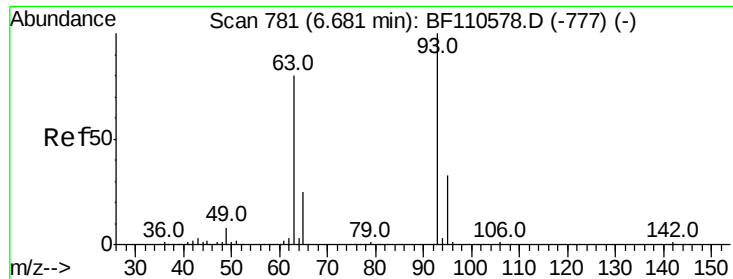


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

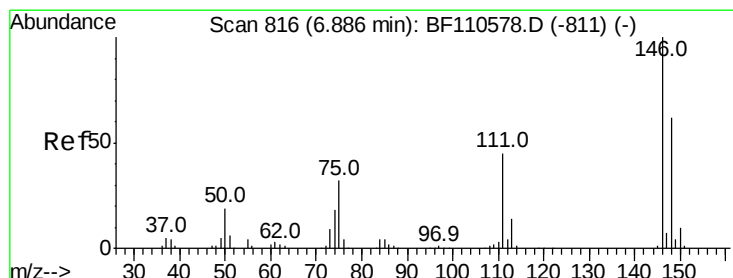
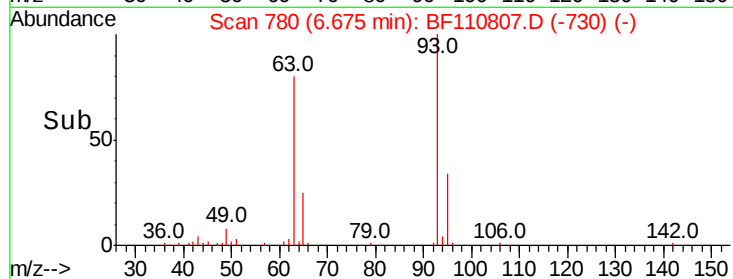
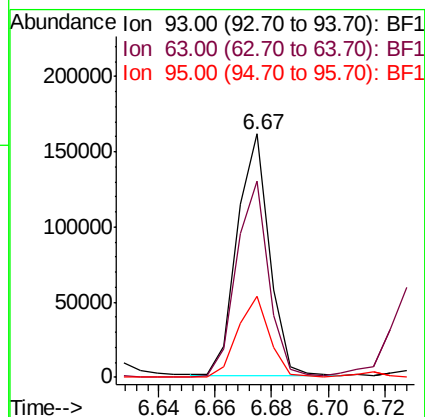
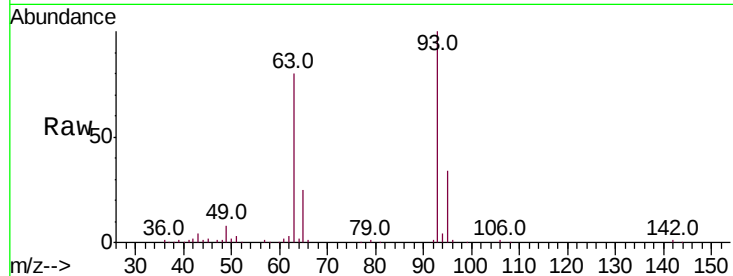




#11
bis(2-Chloroethyl)ether
Concen: 35.010 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

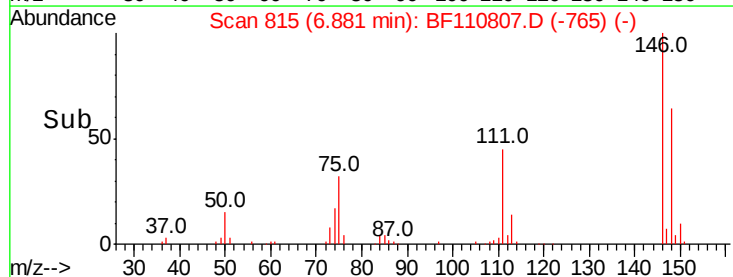
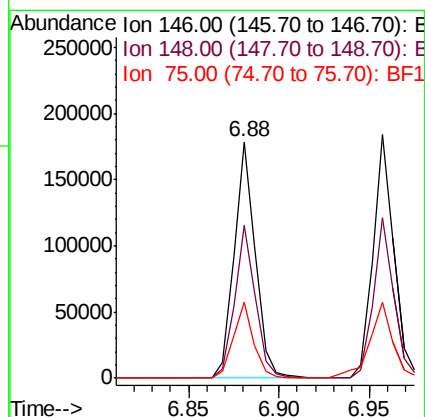
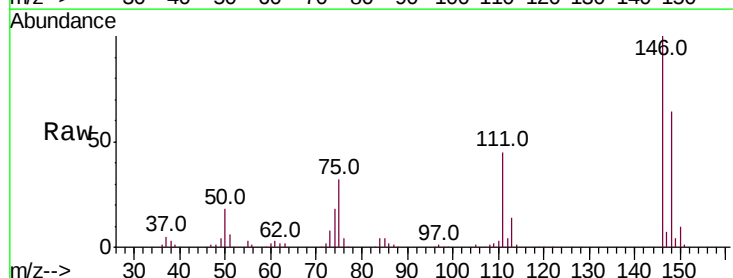
Instrument :
BNA_F
ClientSampleId :

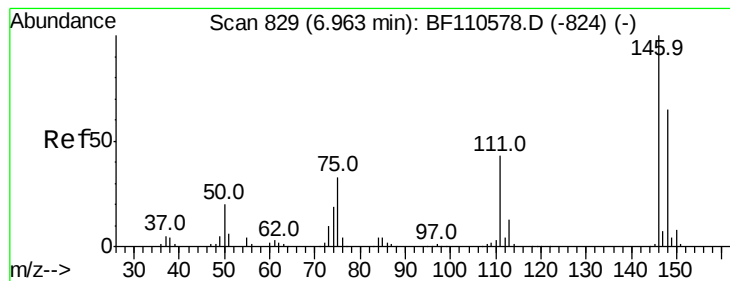
Tot Ion: 93 Resp: 127503
Ion Ratio Lower Upper
93 100
63 80.4 53.4 93.4
95 33.5 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 34.753 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion: 146 Resp: 146095
Ion Ratio Lower Upper
146 100
148 64.4 50.4 75.6
75 32.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 35.023 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampled :

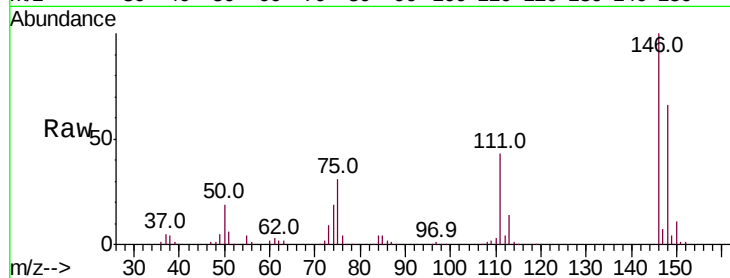
Tot Ion:146 Resp: 149504

Ion Ratio Lower Upper

146 100

148 66.0 50.3 75.5

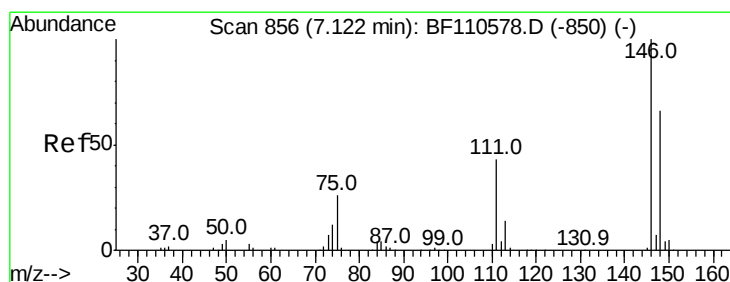
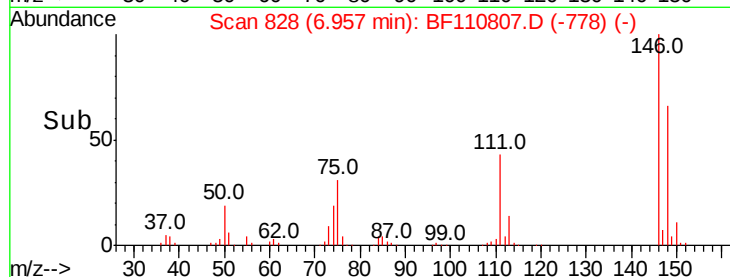
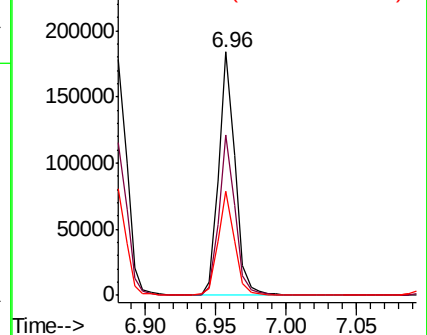
111 42.7 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.418 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

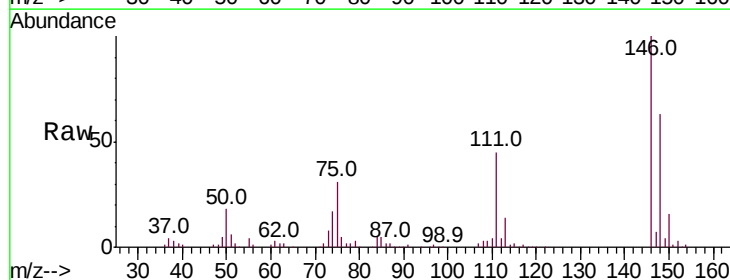
Tgt Ion:146 Resp: 140650

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

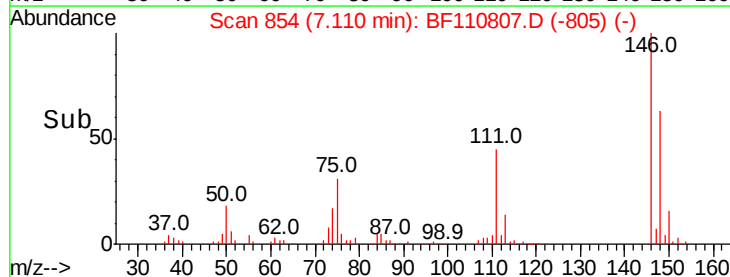
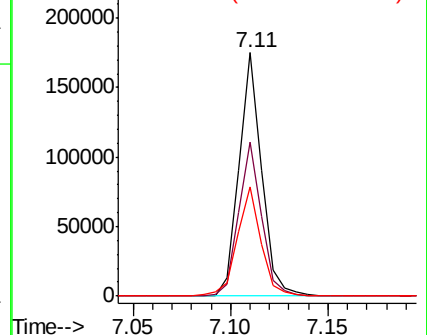
111 44.7 35.8 53.6

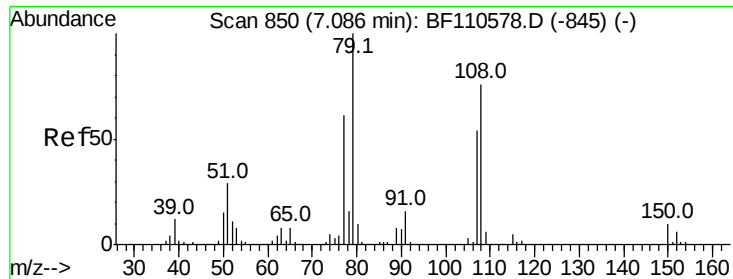


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.806 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

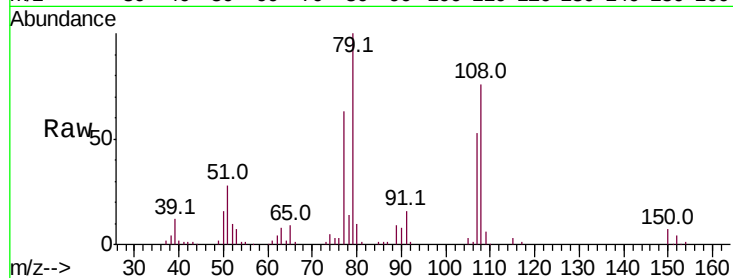
Tot Ion: 79 Resp: 117433

Ion Ratio Lower Upper

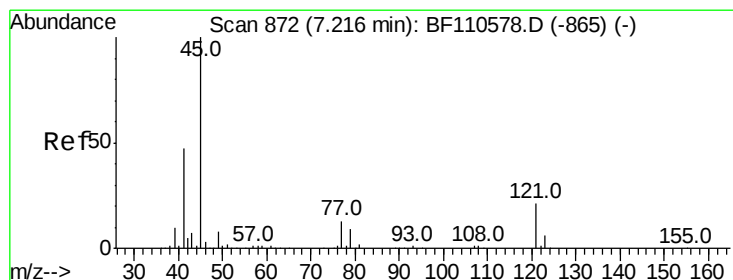
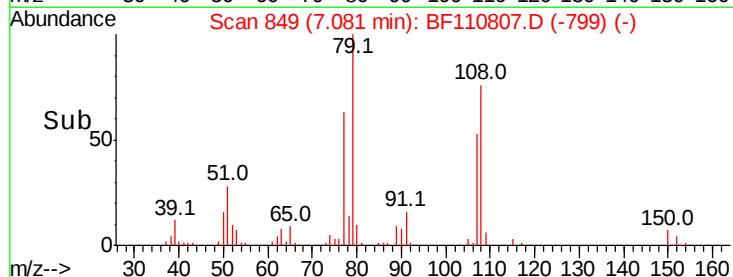
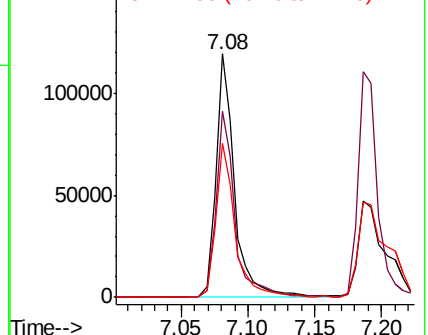
79 100

108 76.5 56.3 84.5

77 63.3 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: 35.180 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

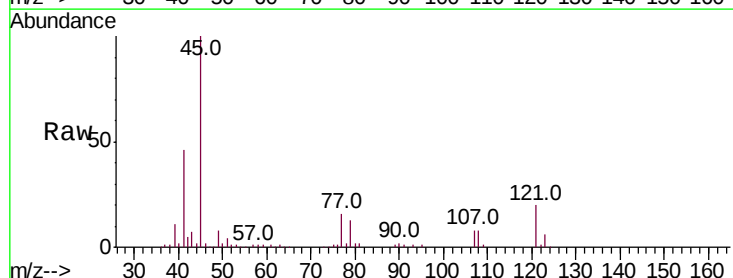
Tgt Ion: 45 Resp: 201207

Ion Ratio Lower Upper

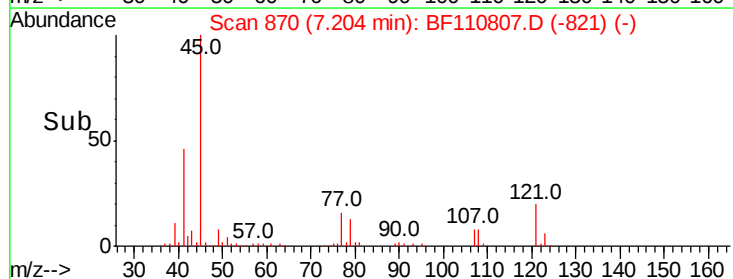
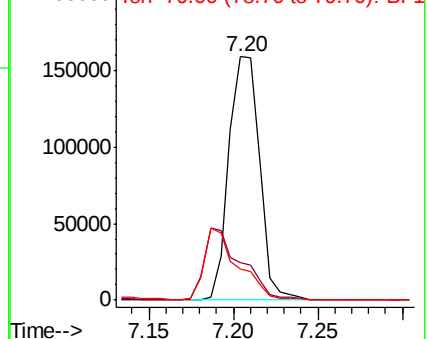
45 100

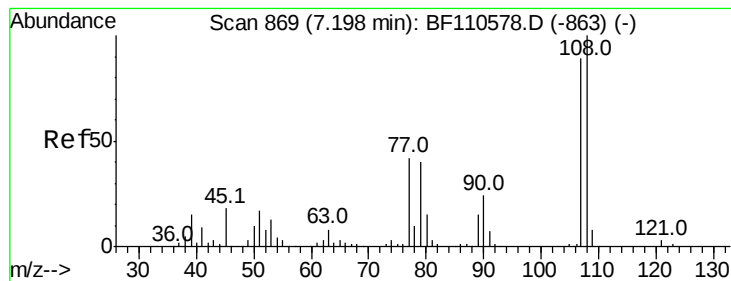
77 15.7 10.0 50.0

79 12.7 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

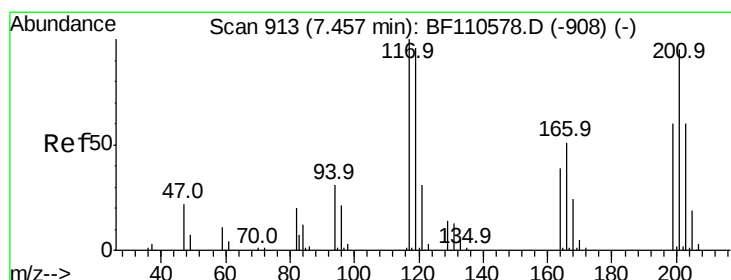
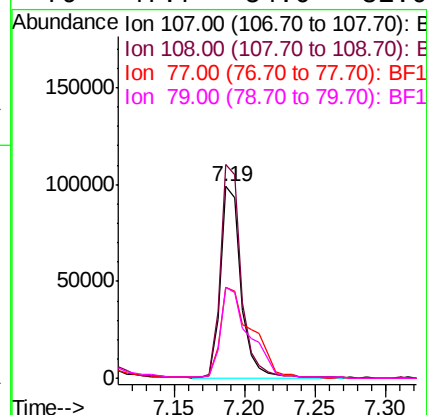
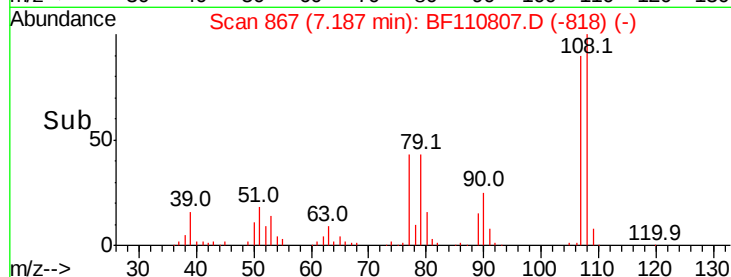
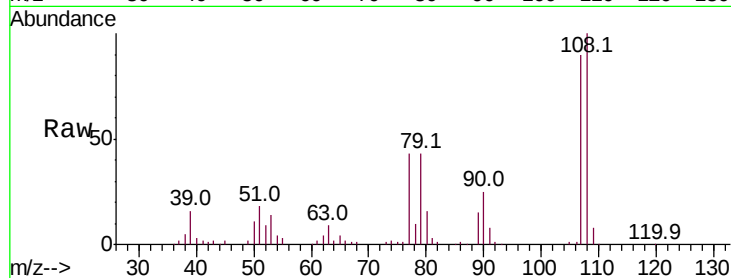




#17
2-Methylphenol
Concen: 33.246 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

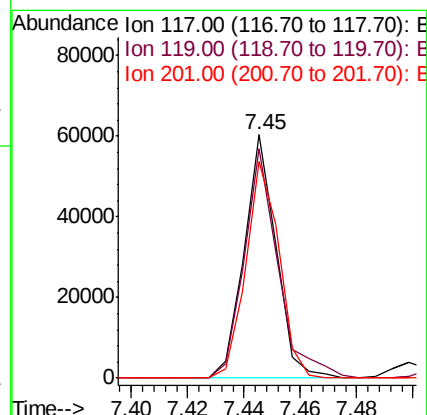
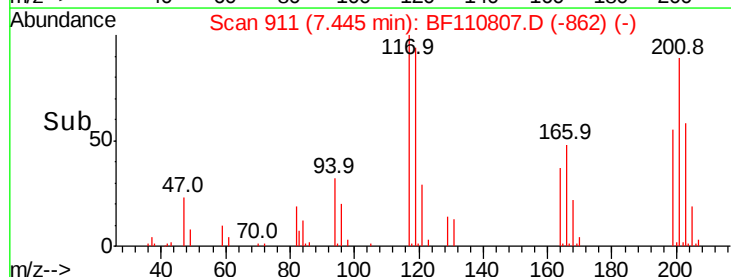
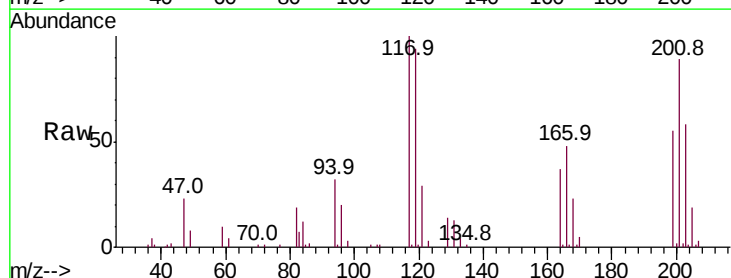
Instrument :
BNA_F
ClientSampleId :

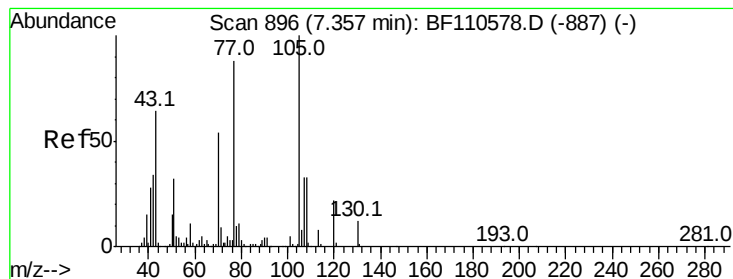
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	92.6	138.8
77	47.4	59.4	89.2#
79	47.7	54.0	81.0#



#18
Hexachloroethane
Concen: 30.070 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.0	112.6
201	89.0	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 36.944 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 98834

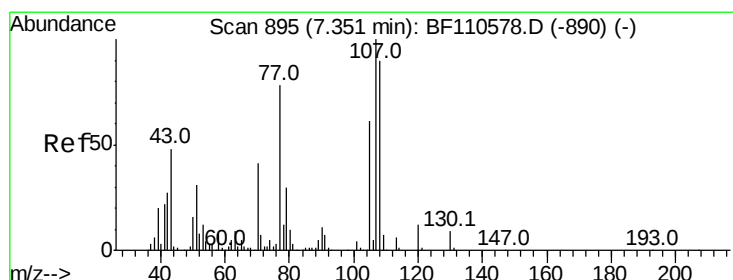
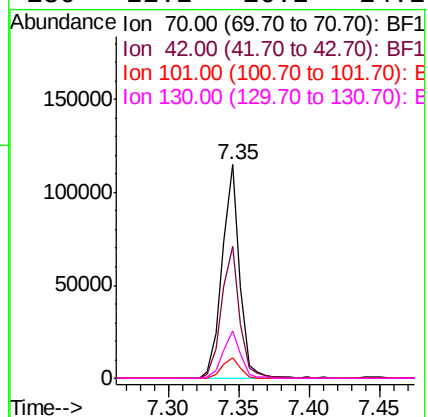
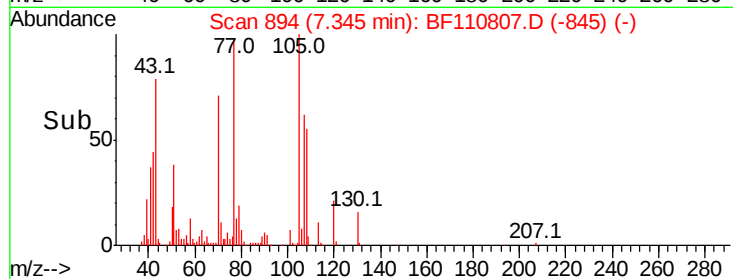
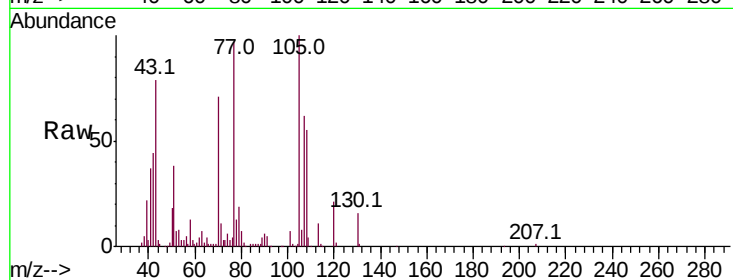
Ion Ratio Lower Upper

70 100

42 61.9 47.4 71.2

101 9.8 7.3 10.9

130 22.2 16.2 24.2



#20

3+4-Methylphenols

Concen: 33.232 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Tgt Ion:107 Resp: 130441

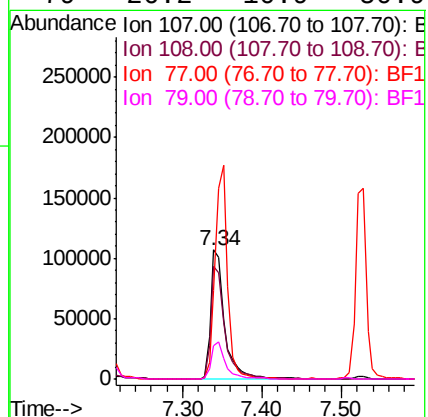
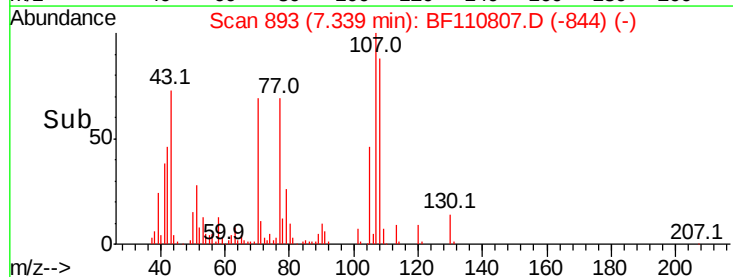
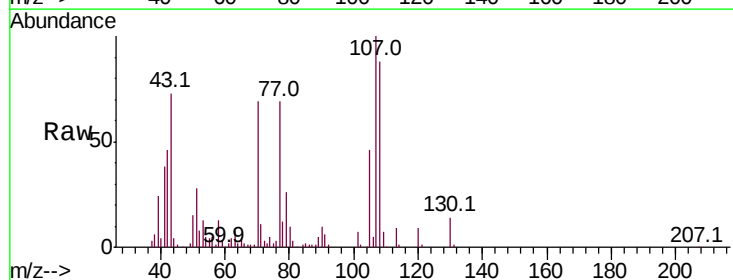
Ion Ratio Lower Upper

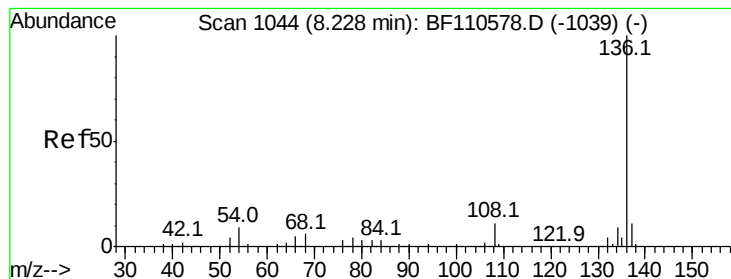
107 100

108 87.6 71.4 111.4

77 68.7 47.3 87.3

79 26.2 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: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 216857

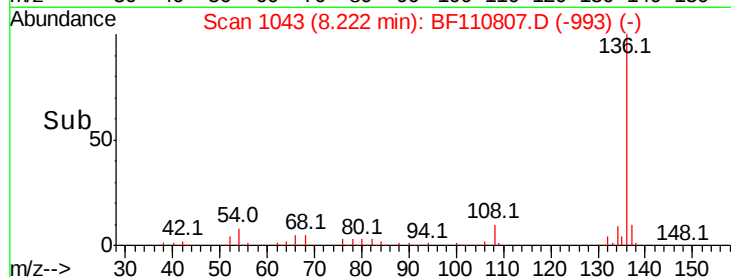
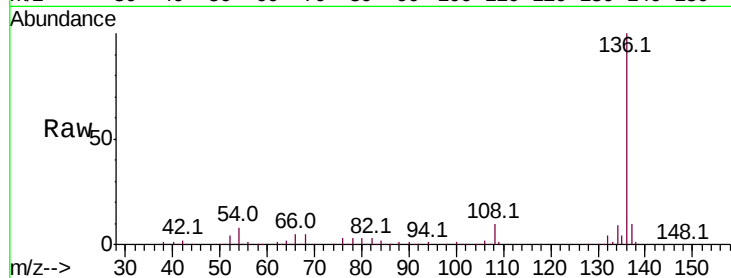
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 7.5 5.4 8.2

68 5.1 4.2 6.2



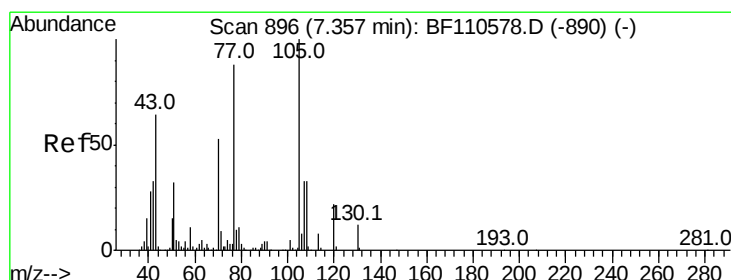
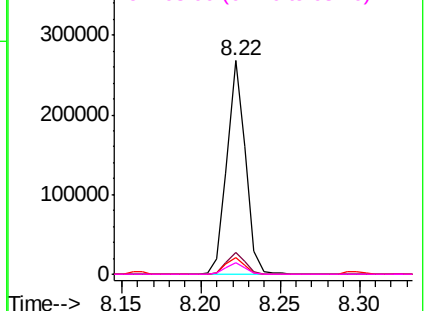
Abundance

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: 39.750 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Tgt Ion:105 Resp: 200896

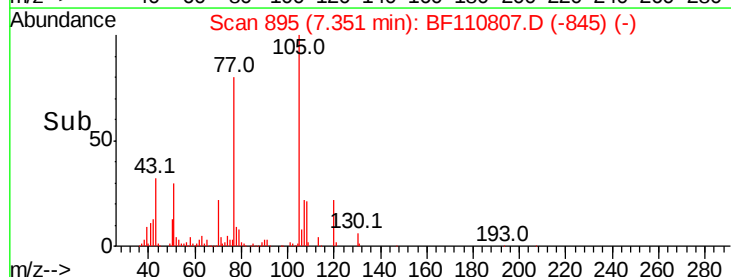
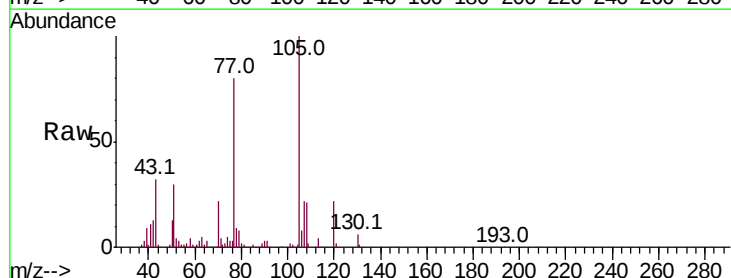
Ion Ratio Lower Upper

105 100

71 3.8 5.2 7.8#

51 29.7 21.8 32.8

120 22.3 17.0 25.4



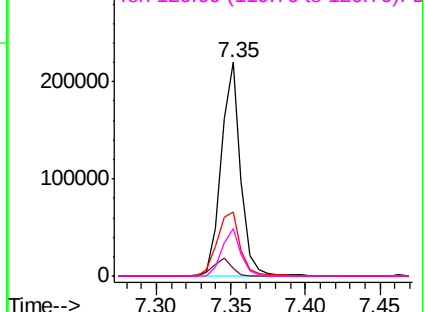
Abundance

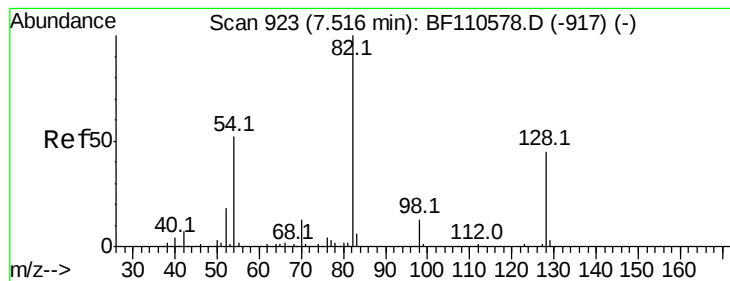
Ion 105.00 (104.70 to 105.70): E

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: 70.378 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

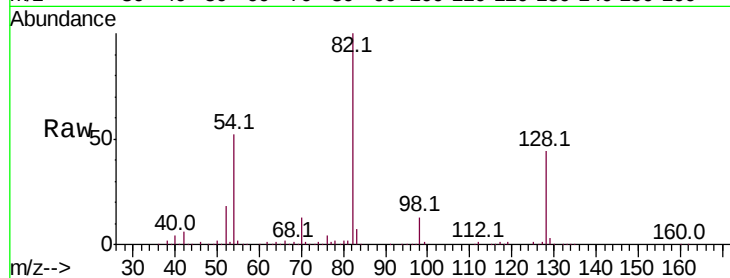
Tot Ion: 82 Resp: 265011

Ion Ratio Lower Upper

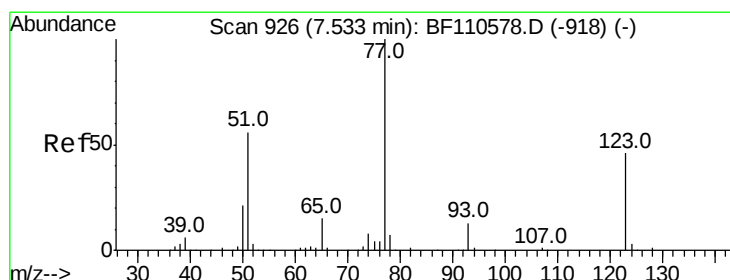
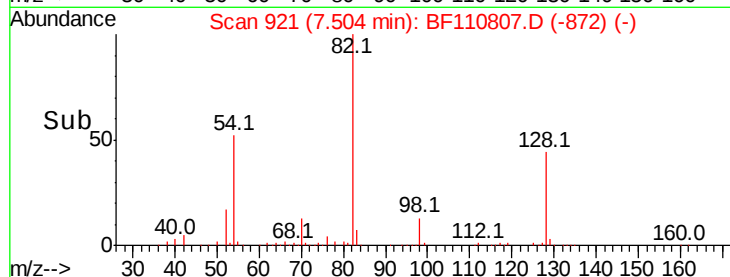
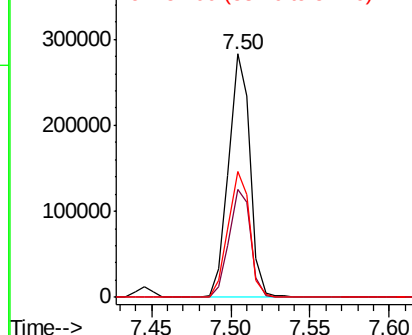
82 100

128 44.1 34.2 51.2

54 51.9 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: 38.779 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

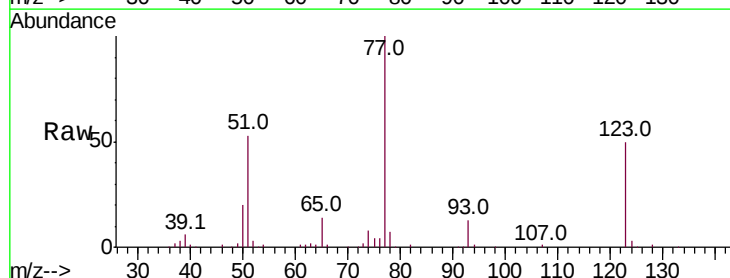
Tgt Ion: 77 Resp: 149613

Ion Ratio Lower Upper

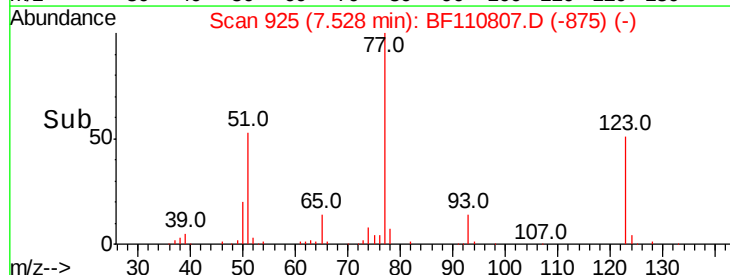
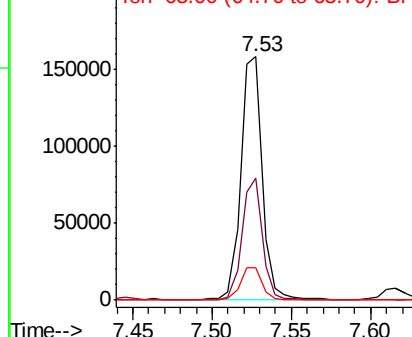
77 100

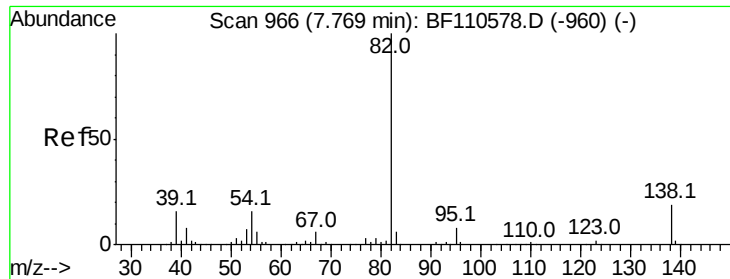
123 50.2 35.7 53.5

65 13.5 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: 42.257 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

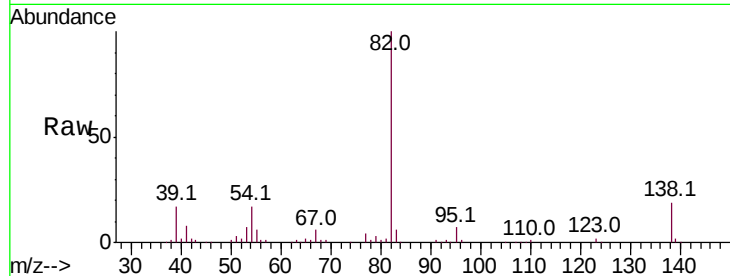
Tot Ion: 82 Resp: 260802

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

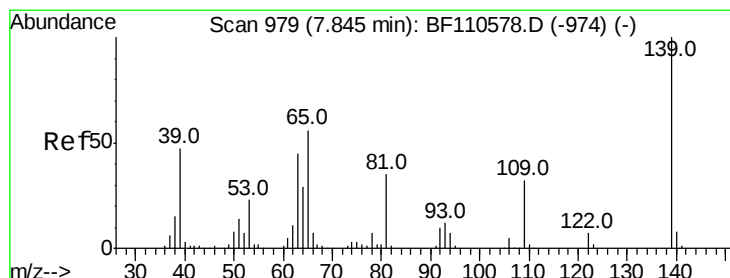
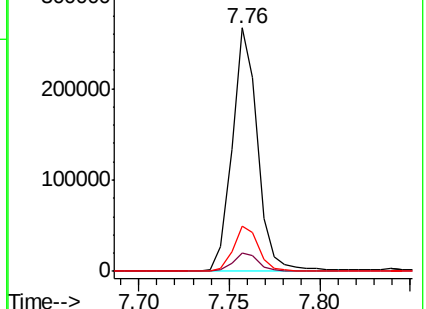
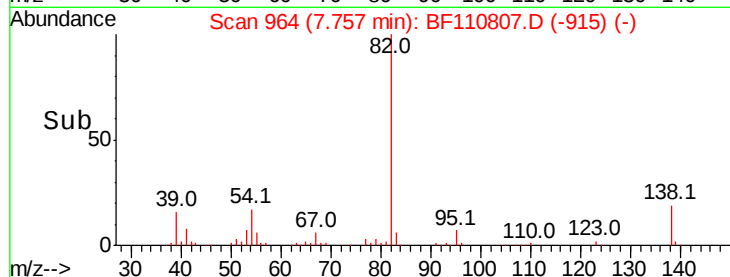
138 18.5 13.2 19.8



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: 45.335 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

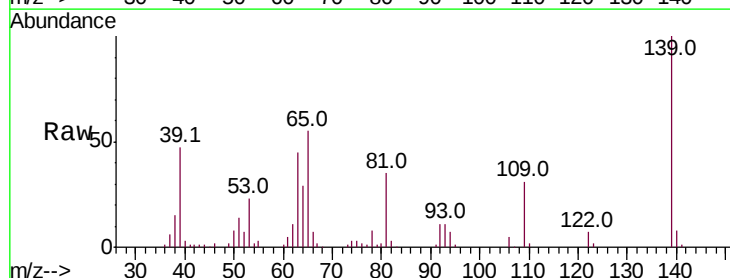
Tgt Ion: 139 Resp: 87255

Ion Ratio Lower Upper

139 100

109 31.2 25.0 37.6

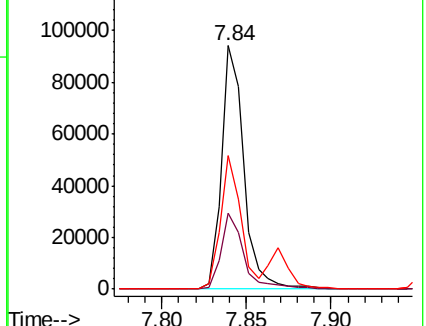
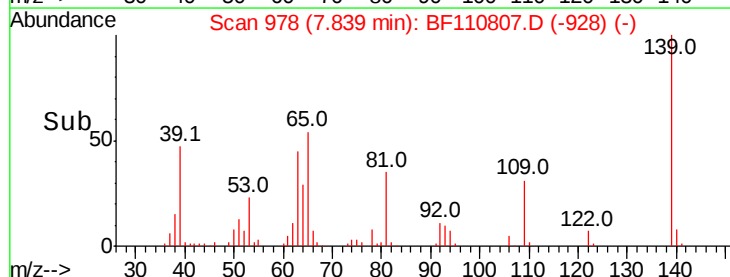
65 55.0 44.0 66.0

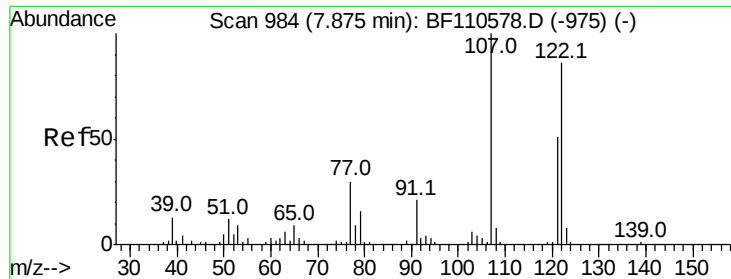


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

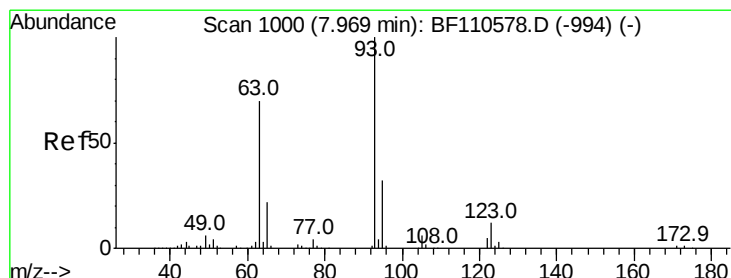
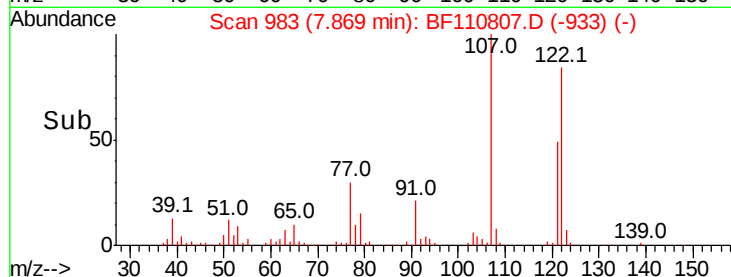
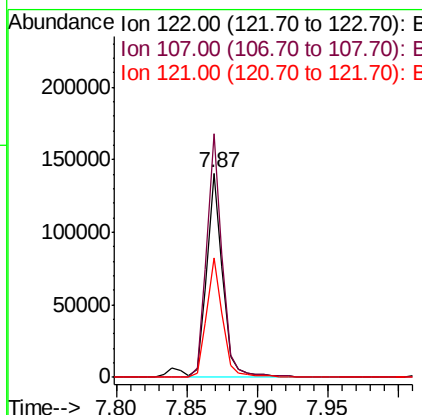
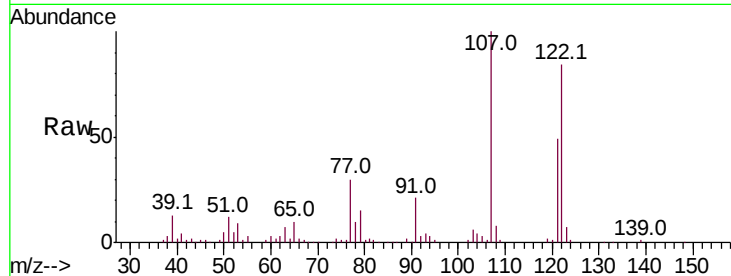




#27
2,4-Dimethylphenol
Concen: 37.828 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

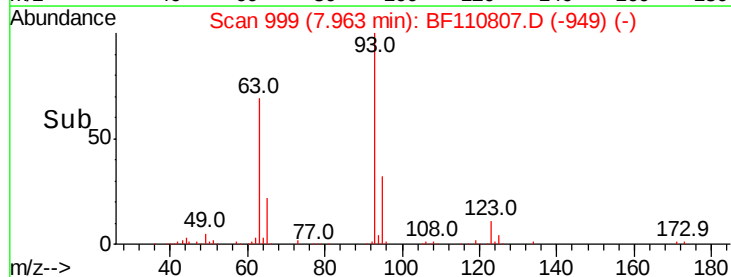
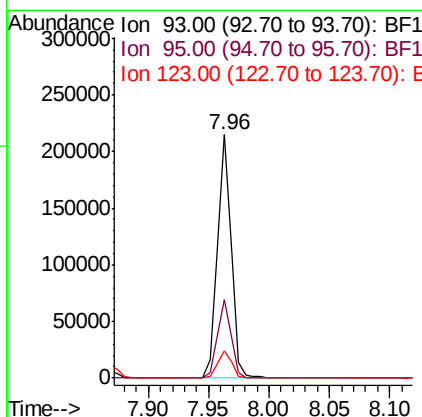
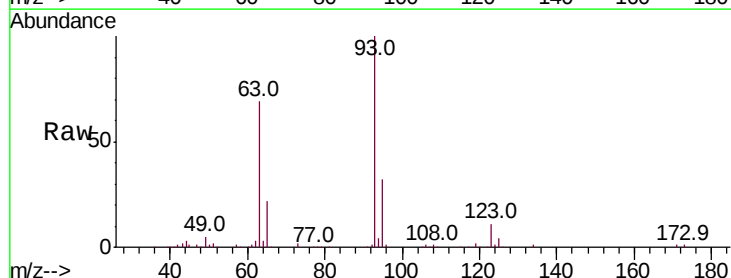
Instrument :
BNA_F
ClientSampled :

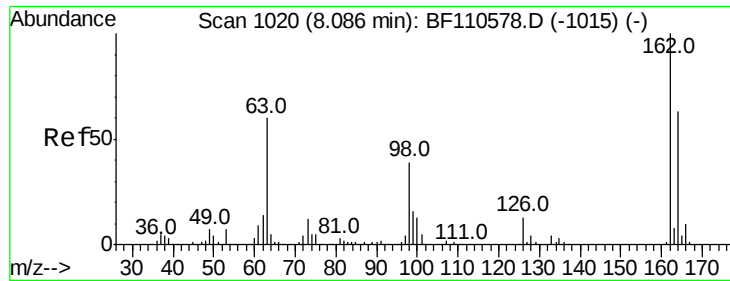
Tot Ion:122 Resp: 110882
Ion Ratio Lower Upper
122 100
107 119.3 92.5 138.7
121 58.7 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.610 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion: 93 Resp: 165520
Ion Ratio Lower Upper
93 100
95 32.0 26.4 39.6
123 11.5 9.0 13.6

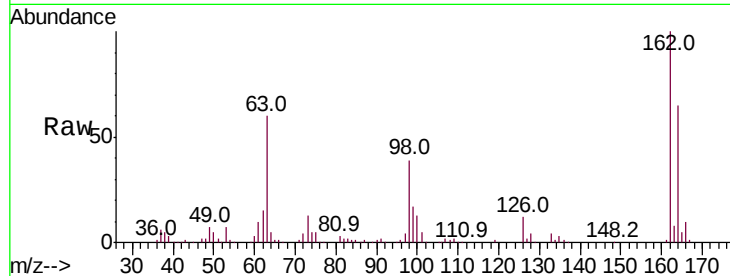




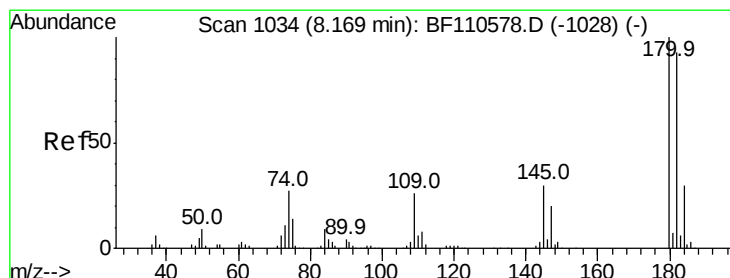
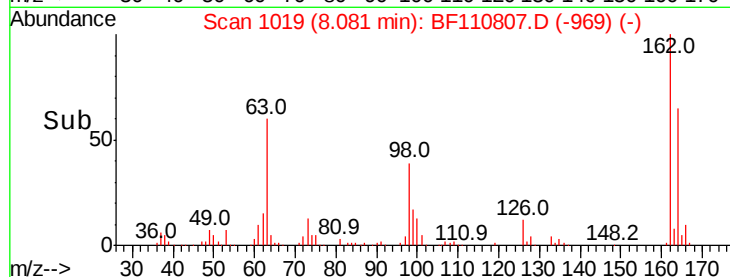
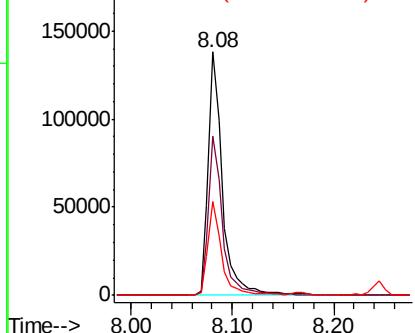
#29
 2,4-Dichlorophenol
 Concen: 44.740 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	38.5	17.4	57.4

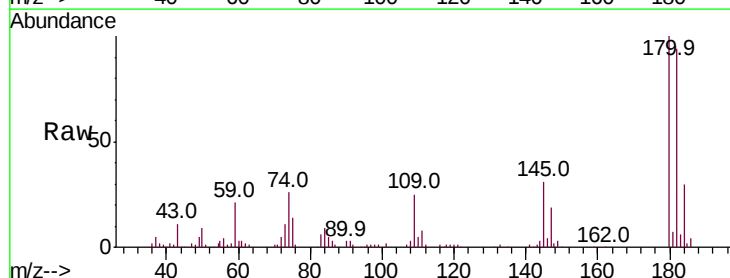


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

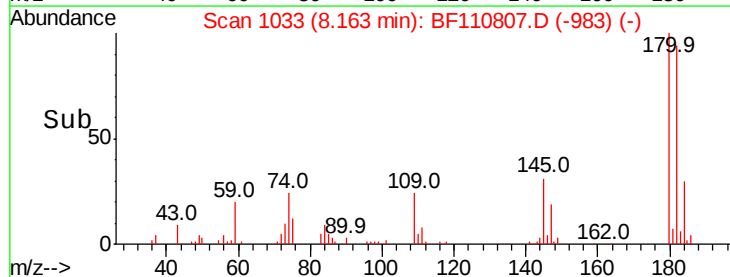
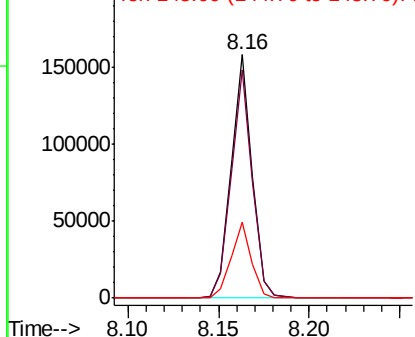


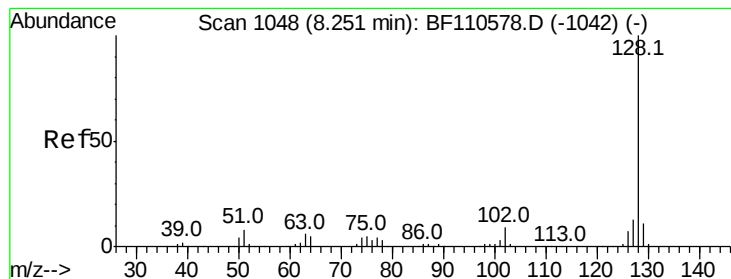
#30
 1,2,4-Trichlorobenzene
 Concen: 37.332 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	80.3	120.5
145	31.1	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: 41.100 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

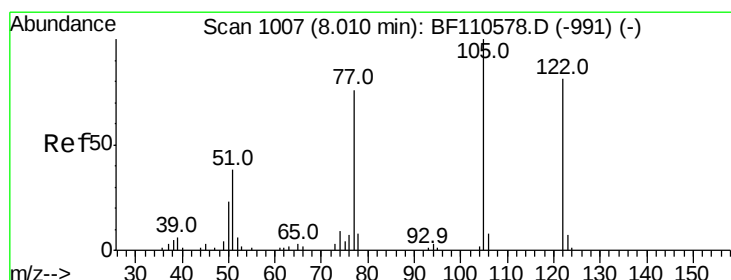
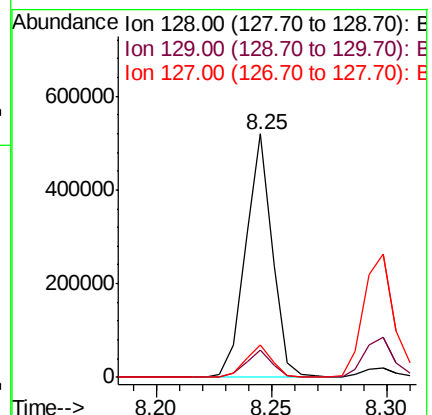
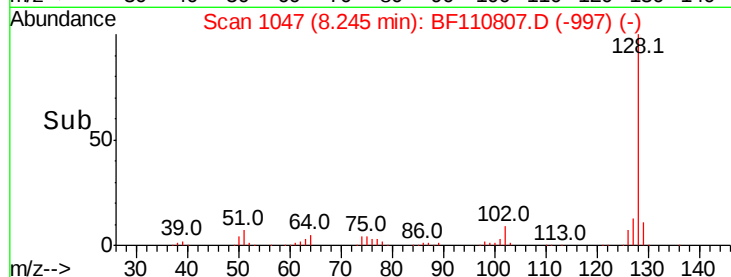
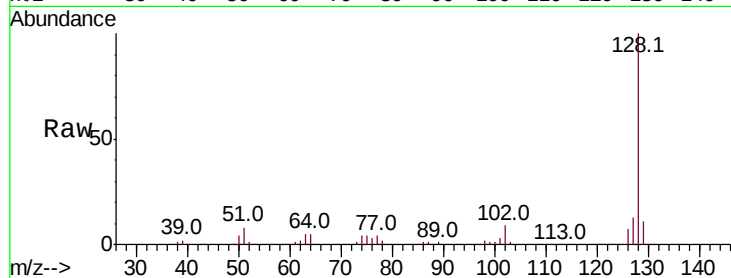
Tot Ion:128 Resp: 418409

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 53.464 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.14 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

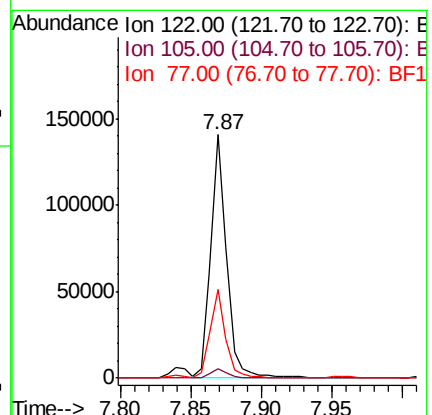
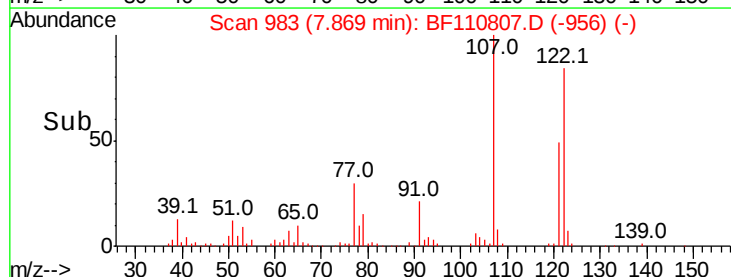
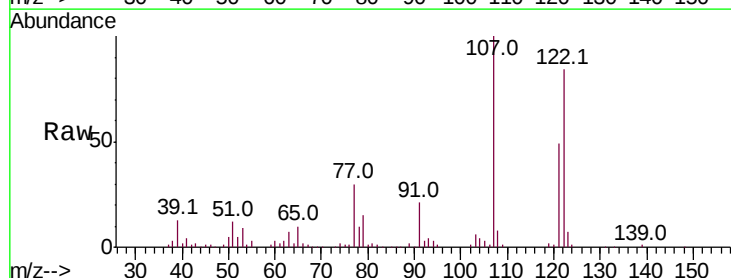
Tgt Ion:122 Resp: 110882

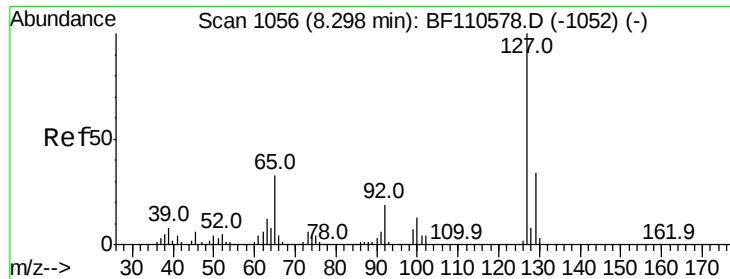
Ion Ratio Lower Upper

122 100

105 4.0 109.0 149.0#

77 36.3 79.0 119.0#

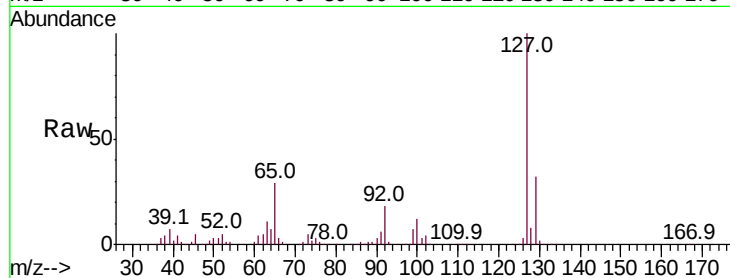




#33
4-Chloroaniline
Concen: 55.056 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	253875
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	29.2	25.1	37.7
92	18.0	15.0	22.6



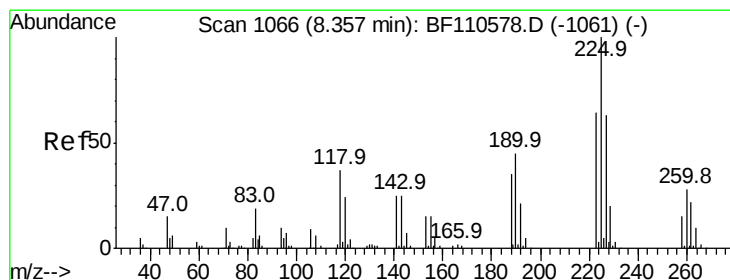
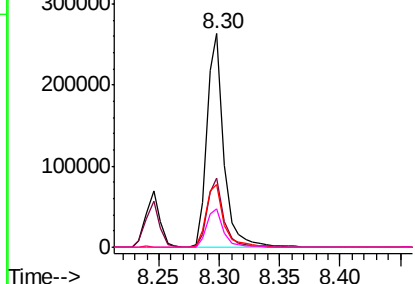
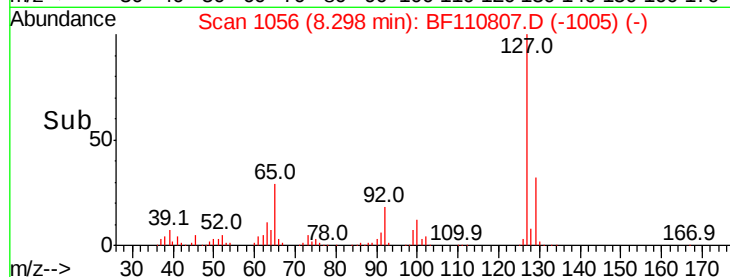
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

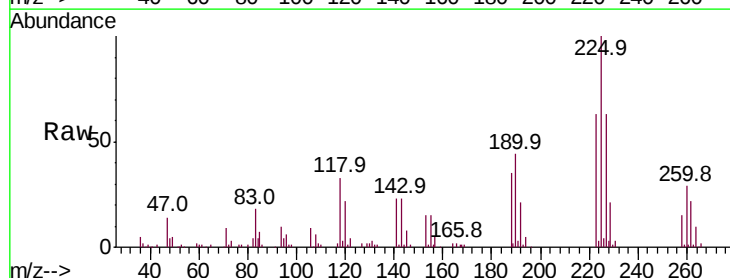
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.115 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion:	225	Resp:	70149
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.4	77.2
227	63.4	51.0	76.6

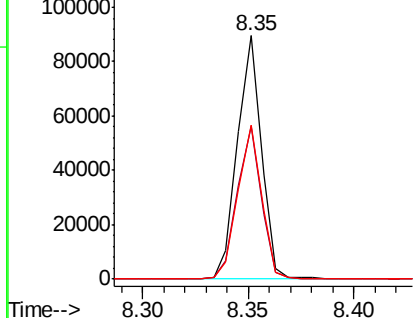
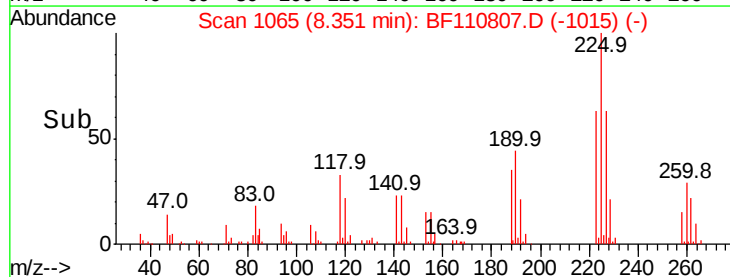


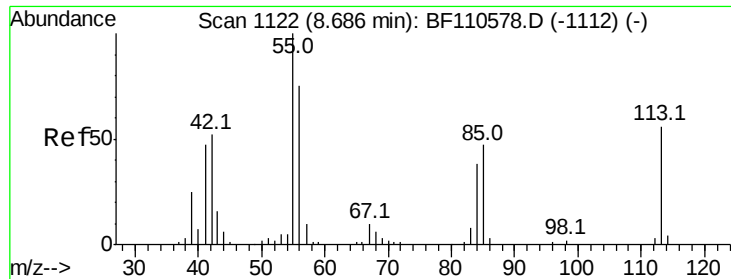
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

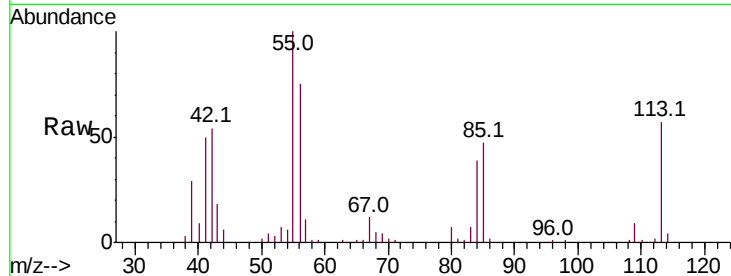




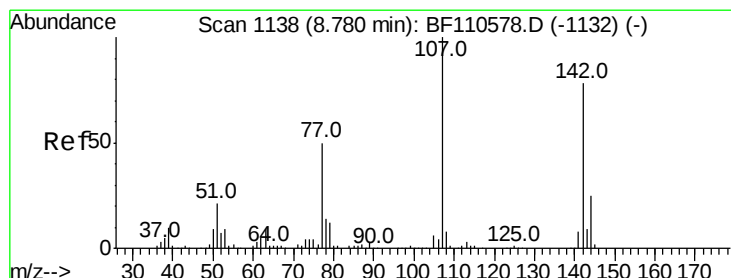
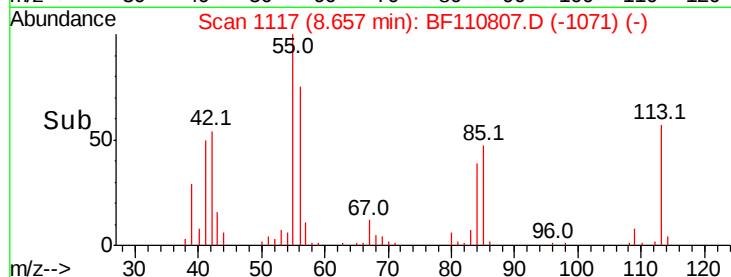
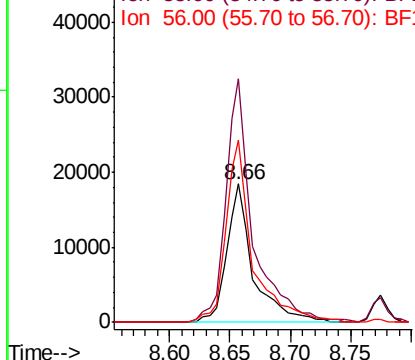
#35
Caprolactam
Concen: 27.635 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 27847
Ion Ratio Lower Upper
113 100
55 176.0 142.8 182.8
56 131.6 105.0 145.0

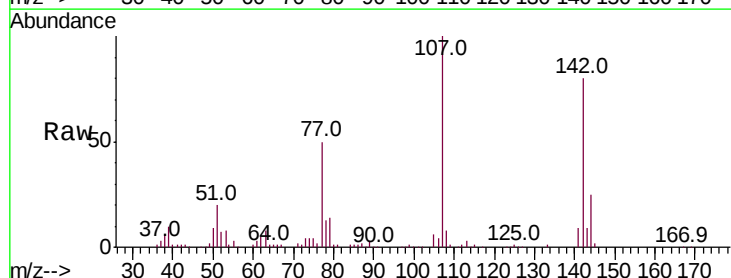


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

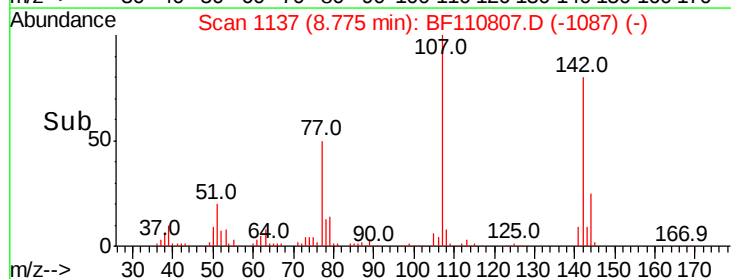
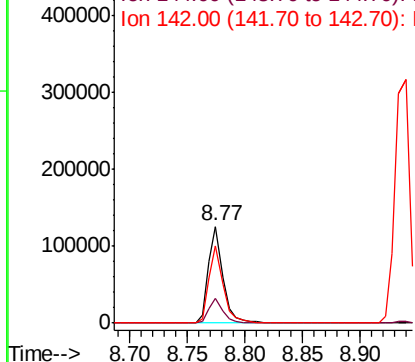


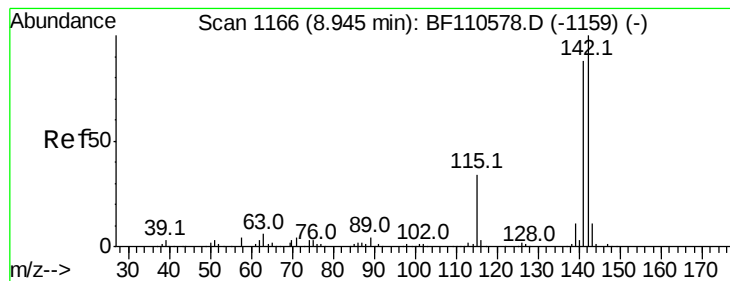
#36
4-Chloro-3-methylphenol
Concen: 34.288 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion:107 Resp: 111533
Ion Ratio Lower Upper
107 100
144 25.5 20.0 30.0
142 79.5 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.888 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

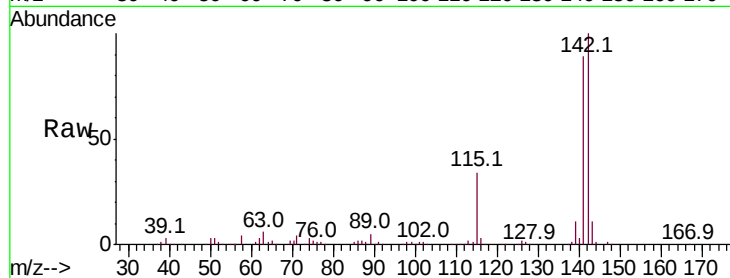
Tot Ion:142 Resp: 286220

Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.2

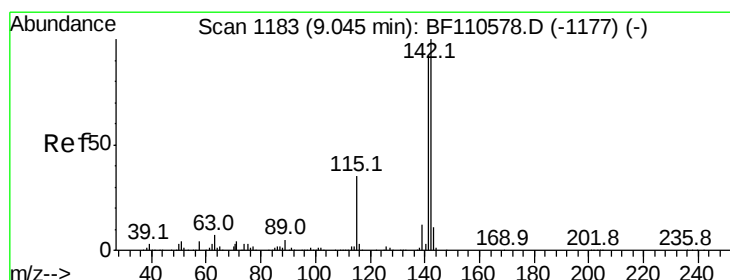
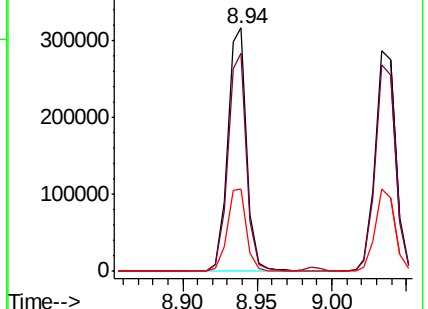
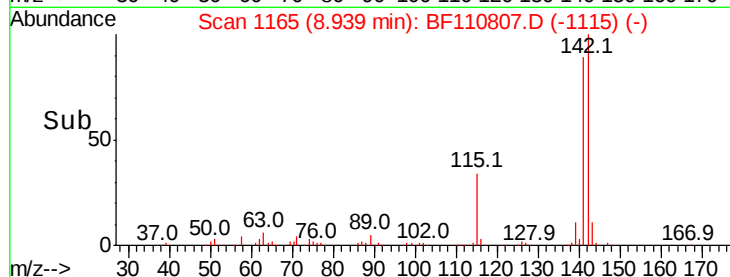
115 33.7 28.7 43.1



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: 44.596 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.11 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

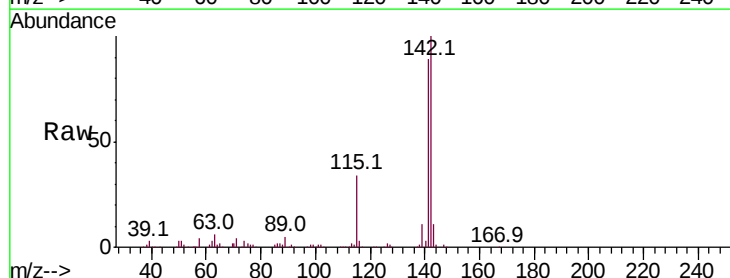
Tgt Ion:142 Resp: 286220

Ion Ratio Lower Upper

142 100

141 89.3 74.2 111.4

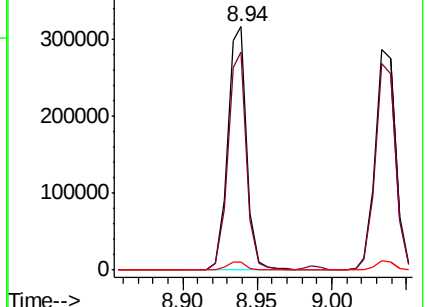
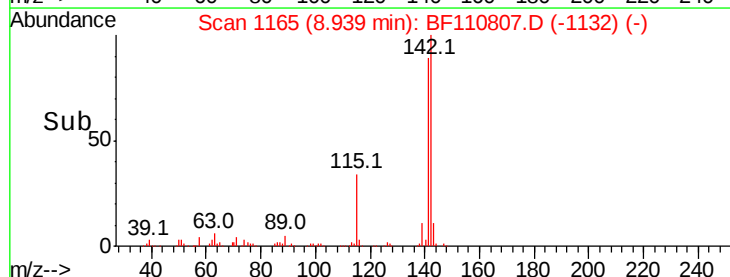
116 3.5 2.6 4.0

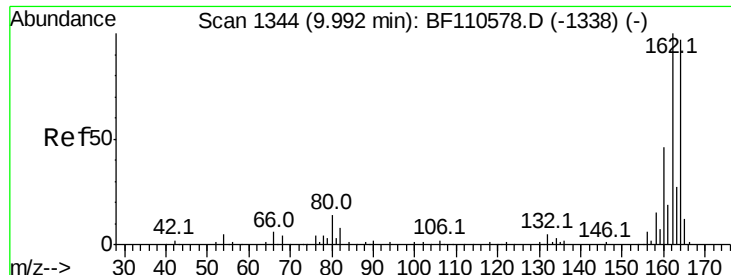


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

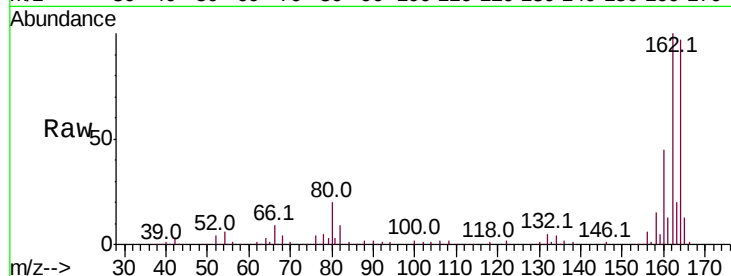




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	46.7	37.0	55.6

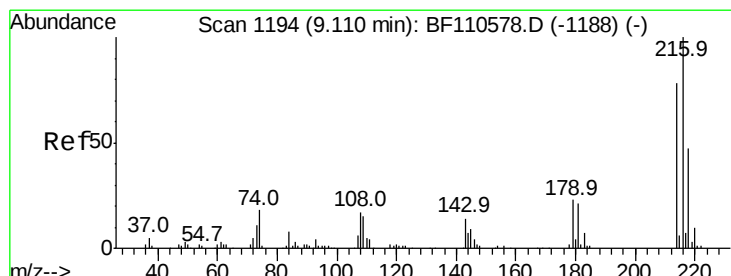
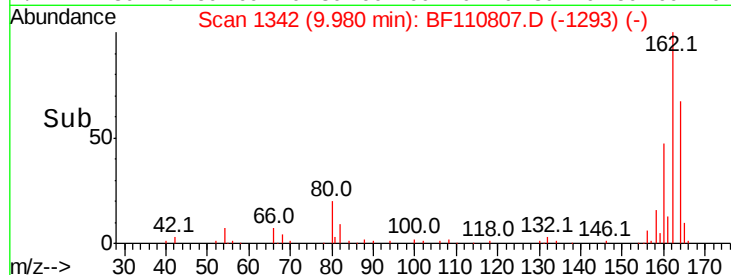
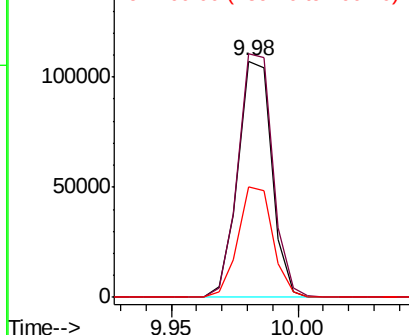


Abundance

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: 38.065 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	22.4	16.6	25.0
108	17.3	15.1	22.7

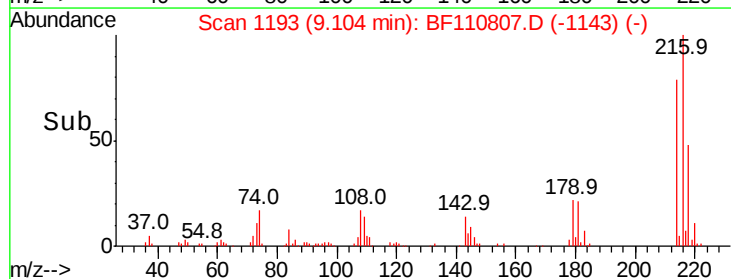
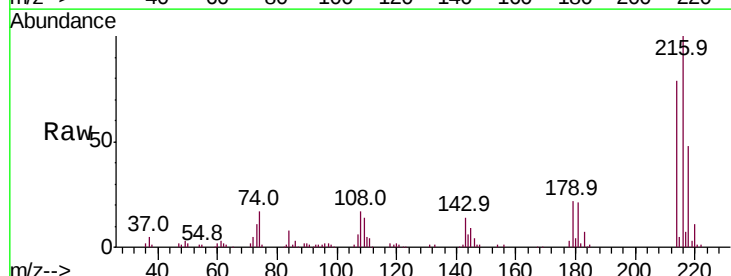
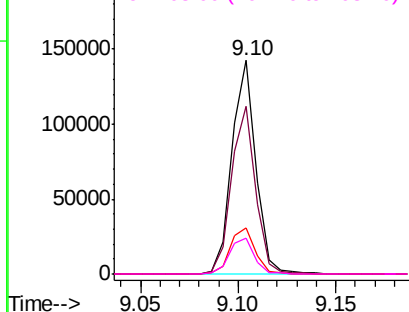
Abundance

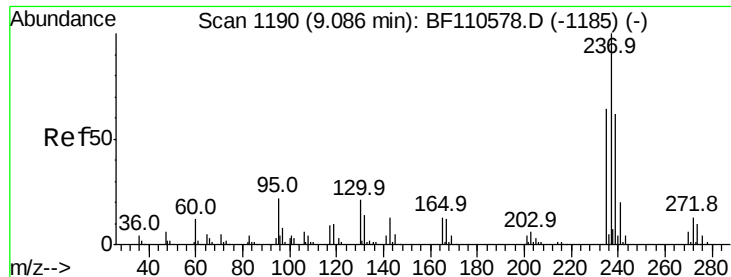
Ion 216.00 (215.70 to 216.70): E

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

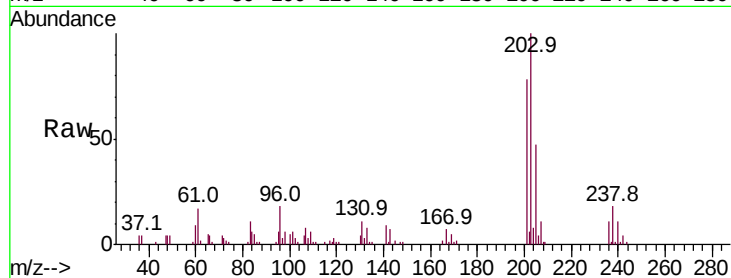




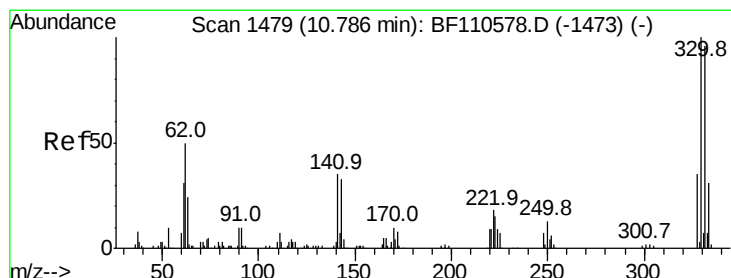
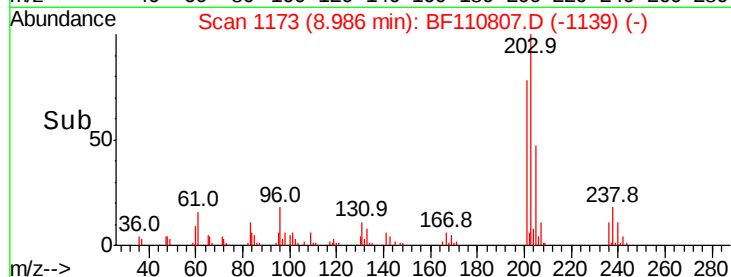
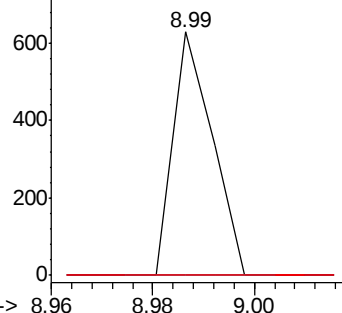
#41
Hexachlorocyclopentadiene
Concen: 7.872 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.10 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 340
Ion Ratio Lower Upper
237 100
235 0.0 43.1 83.1#
272 0.0 0.0 32.6

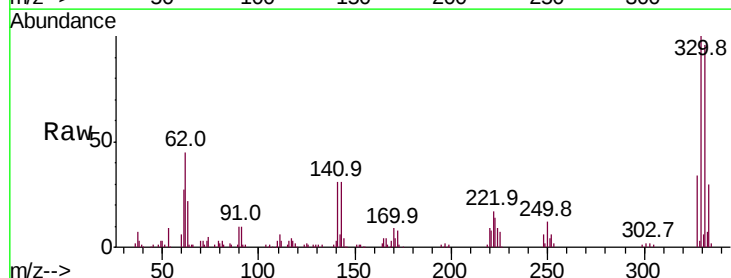


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

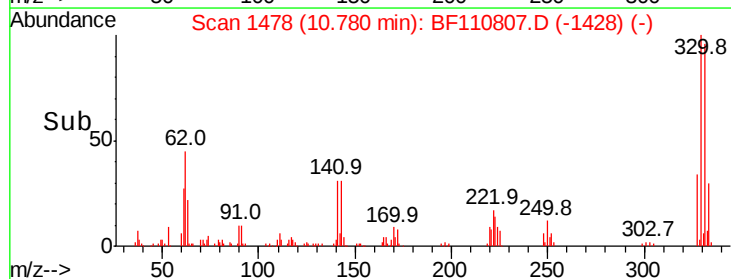
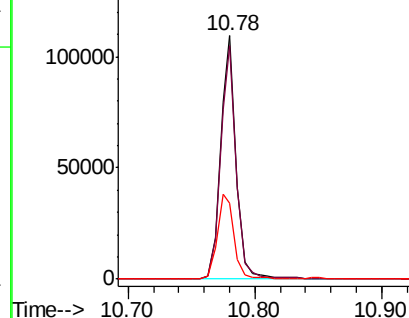


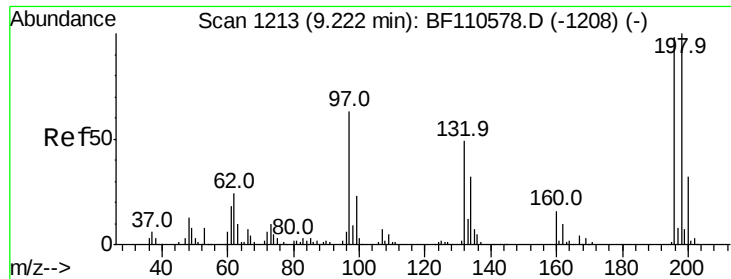
#42
2,4,6-Tribromophenol
Concen: 93.589 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion:330 Resp: 94377
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 37.6 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

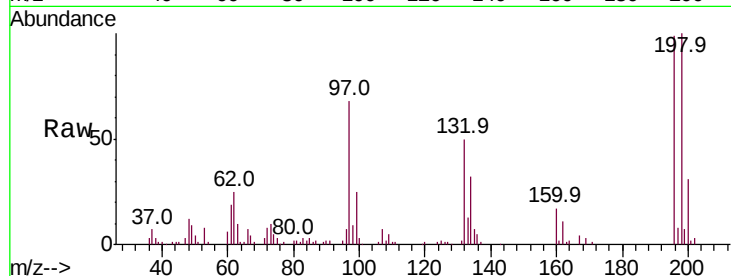




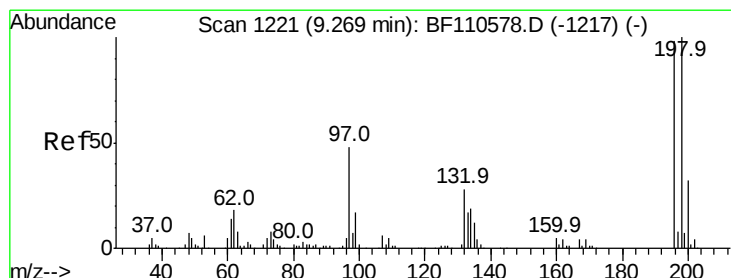
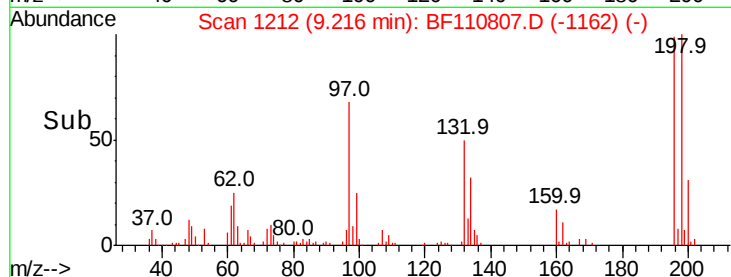
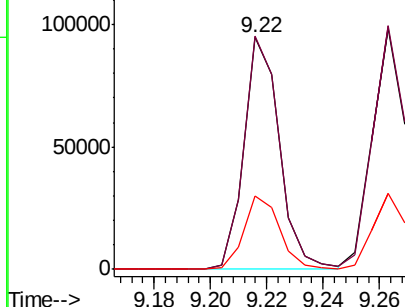
#43
2,4,6-Trichlorophenol
Concen: 41.551 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 82716
Ion Ratio Lower Upper
196 100
198 100.6 76.2 114.4
200 31.5 24.4 36.6



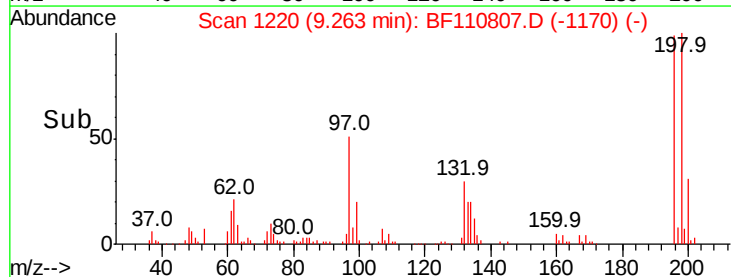
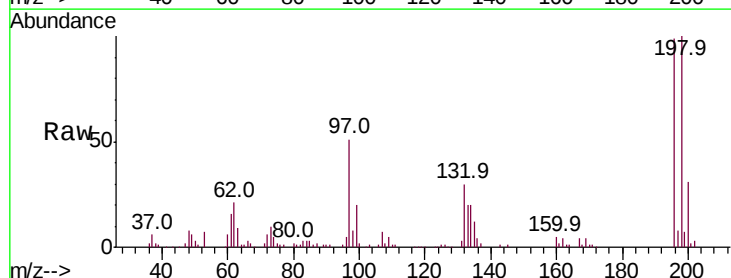
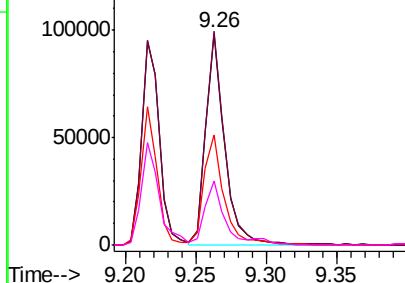
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

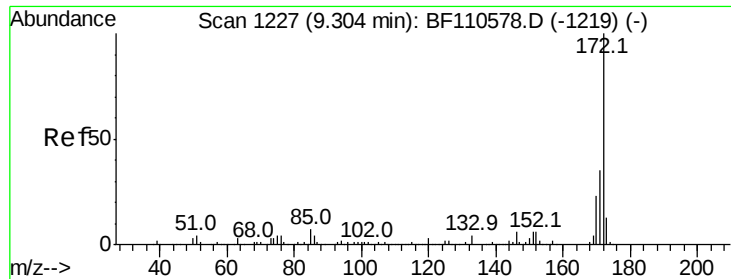


#44
2,4,5-Trichlorophenol
Concen: 43.818 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion:196 Resp: 93046
Ion Ratio Lower Upper
196 100
198 101.0 75.8 113.6
97 52.0 42.4 63.6
132 30.1 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

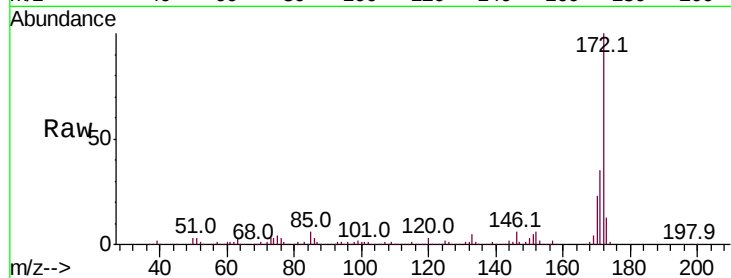




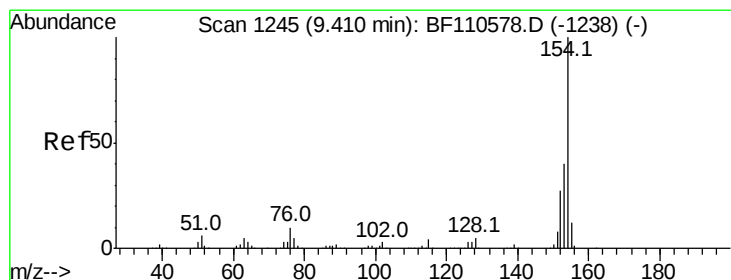
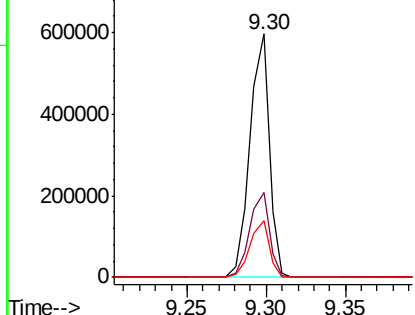
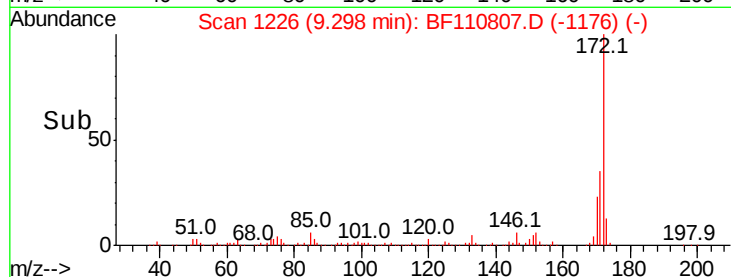
#45
2-Fluorobiphenyl
Concen: 72.288 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	23.2	19.7	29.5

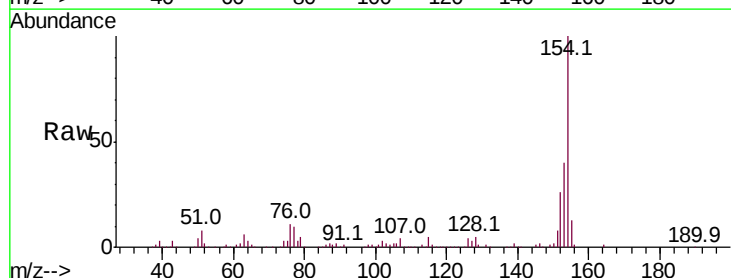


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

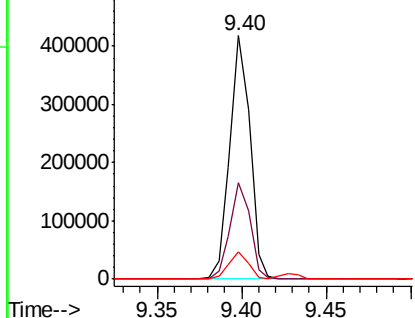
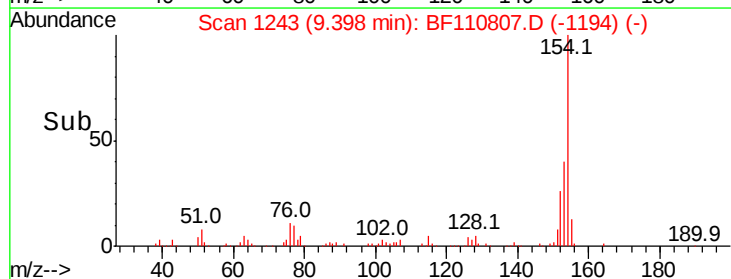


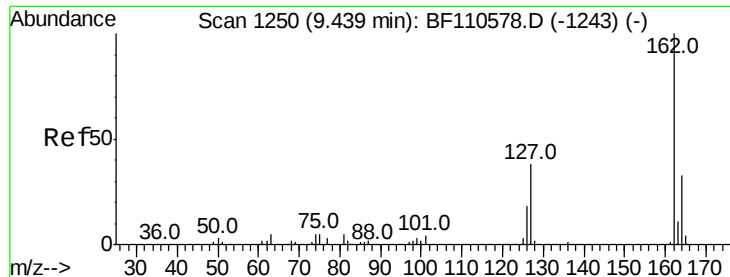
#46
1,1'-Biphenyl
Concen: 37.251 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.4	60.4
76	11.3	0.0	31.9



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

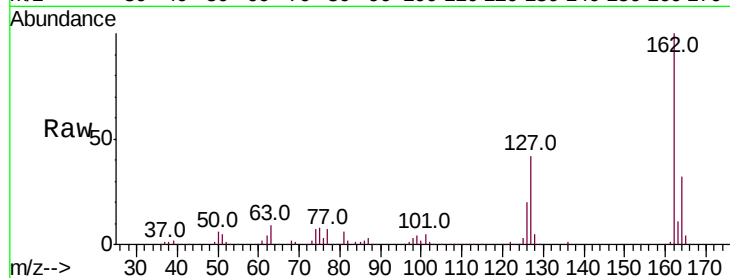




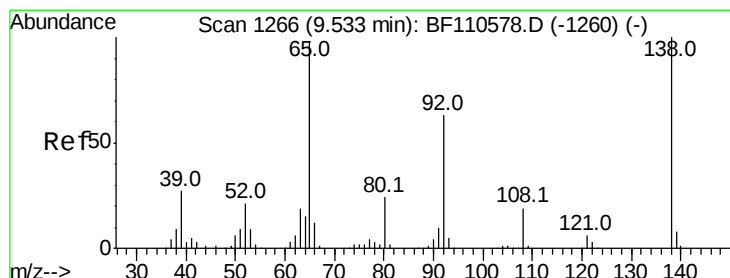
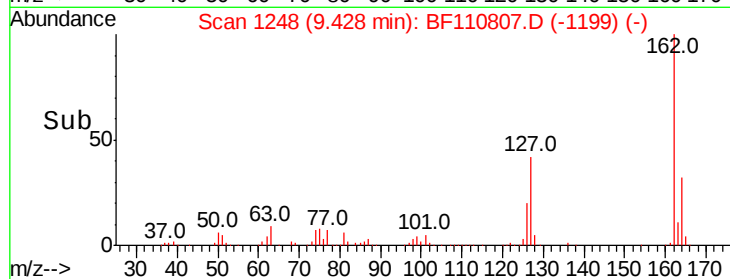
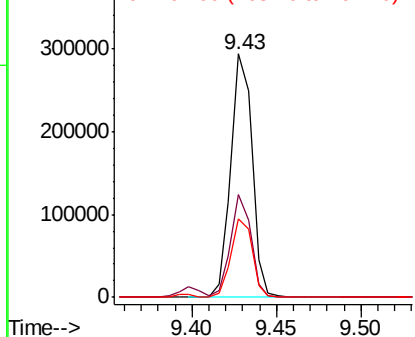
#47
2-Chloronaphthalene
Concen: 38.271 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 257411
Ion Ratio Lower Upper
162 100
127 42.3 32.6 48.8
164 32.2 25.9 38.9

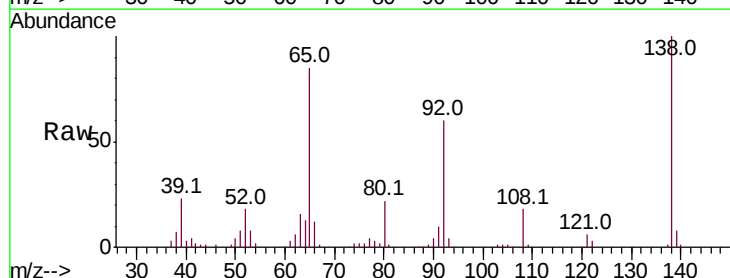


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

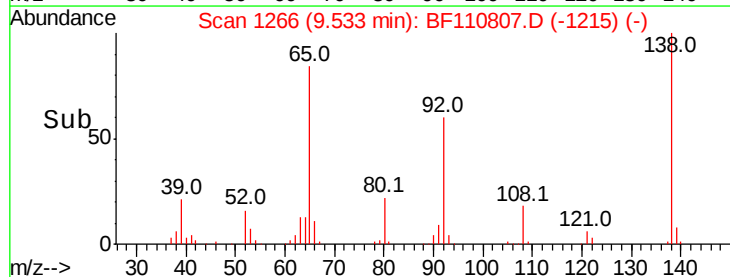
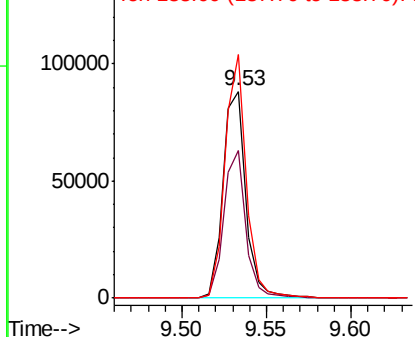


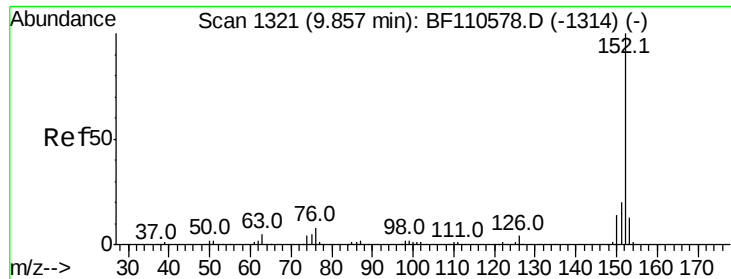
#48
2-Nitroaniline
Concen: 40.253 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion: 65 Resp: 83431
Ion Ratio Lower Upper
65 100
92 71.2 54.6 81.8
138 117.9 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: 41.900 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

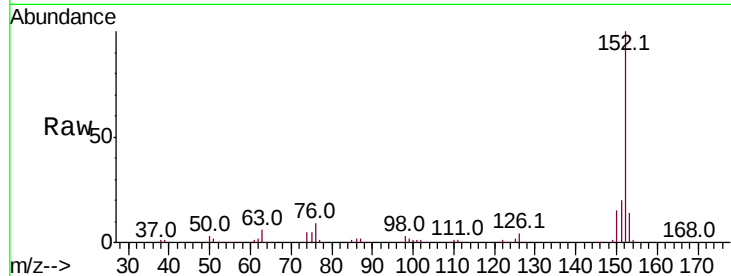
Tot Ion:152 Resp: 405856

Ion Ratio Lower Upper

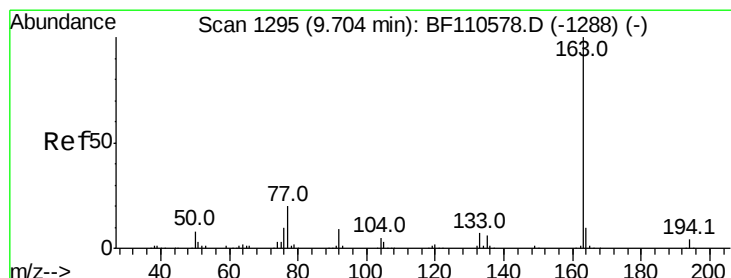
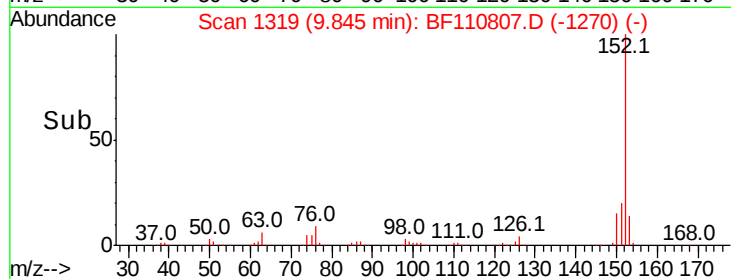
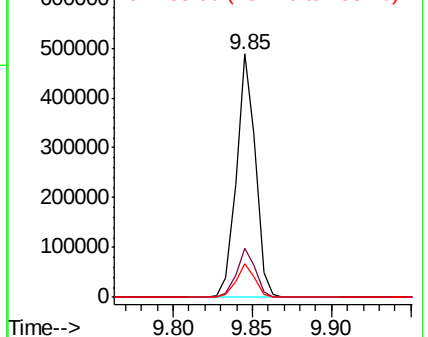
152 100

151 20.1 15.8 23.8

153 14.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.157 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

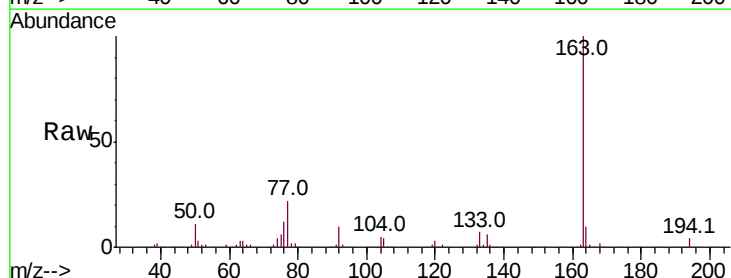
Tgt Ion:163 Resp: 307348

Ion Ratio Lower Upper

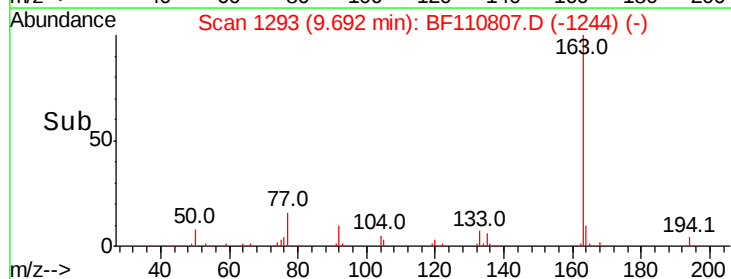
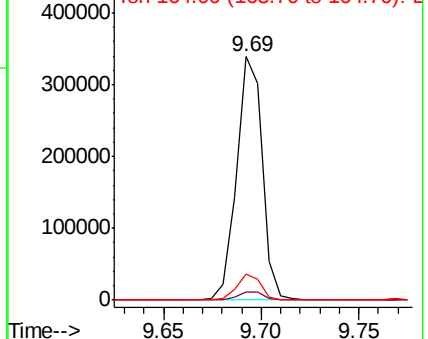
163 100

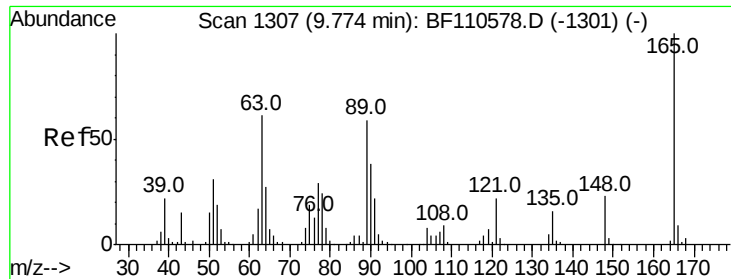
194 3.5 3.2 4.8

164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

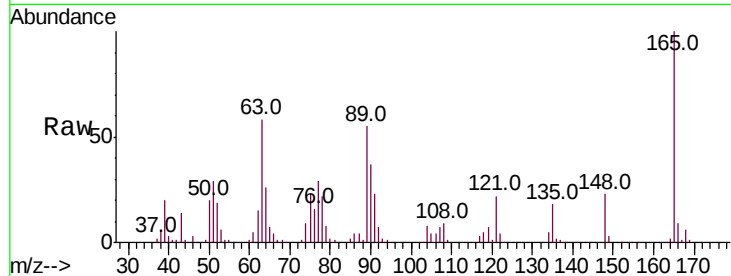




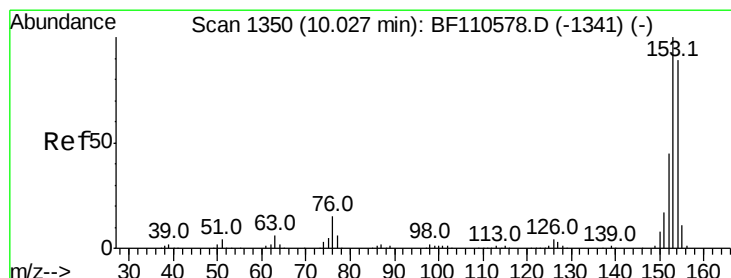
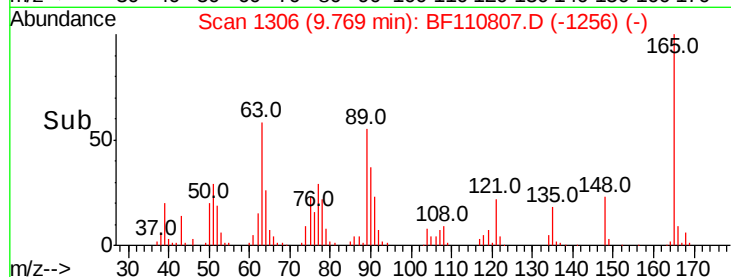
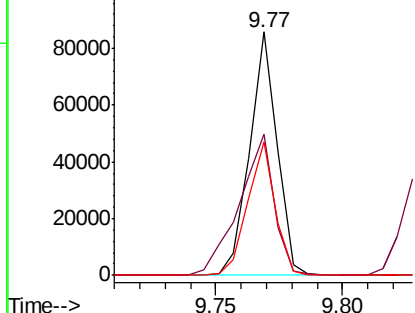
#51
2,6-Dinitrotoluene
Concen: 39.412 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	48.9	73.3
89	54.6	46.6	69.8

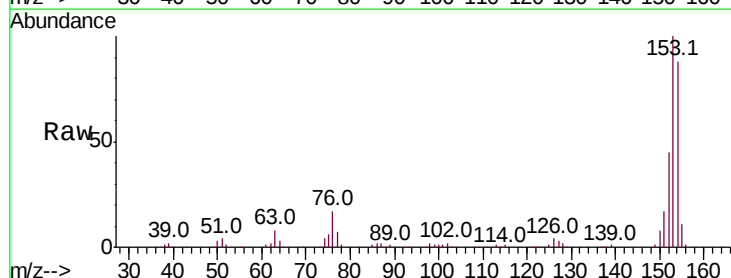


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

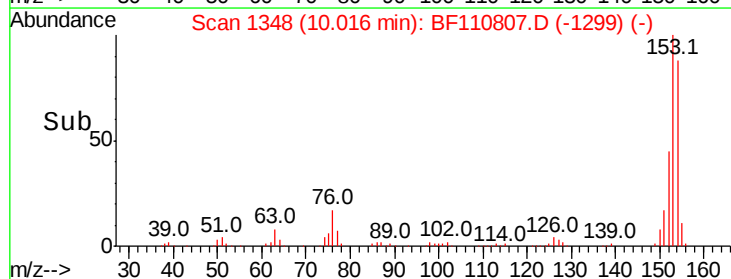
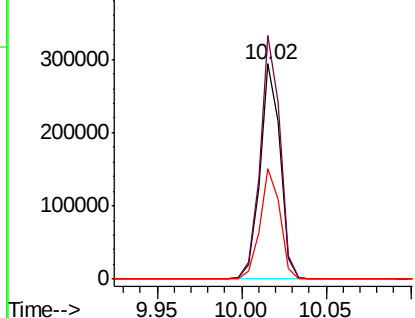


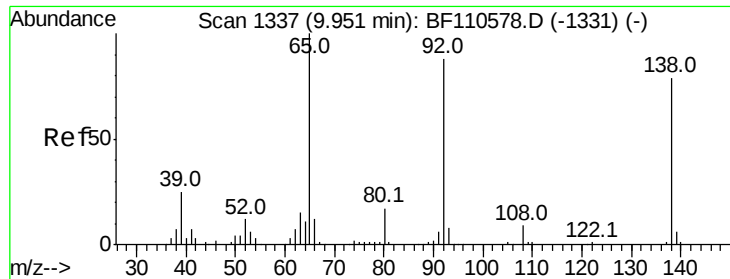
#52
Acenaphthene
Concen: 39.740 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	51.3	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

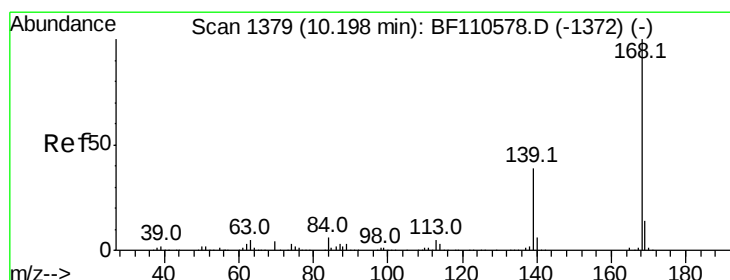
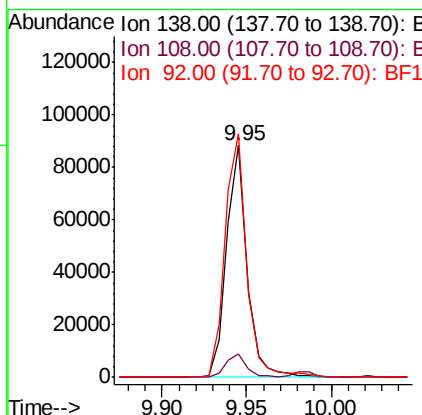
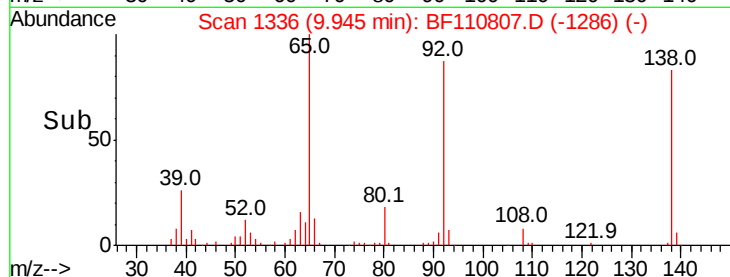
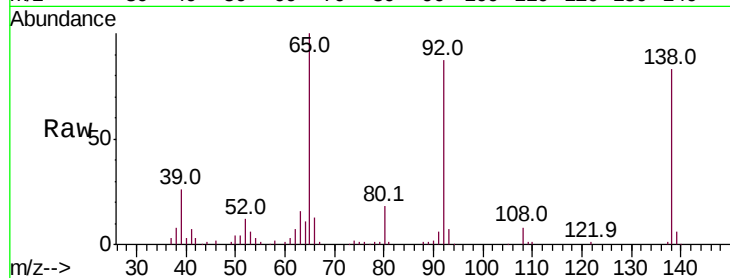




#53
3-Nitroaniline
Concen: 39.228 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

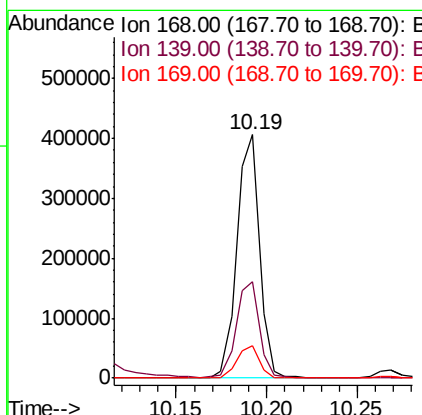
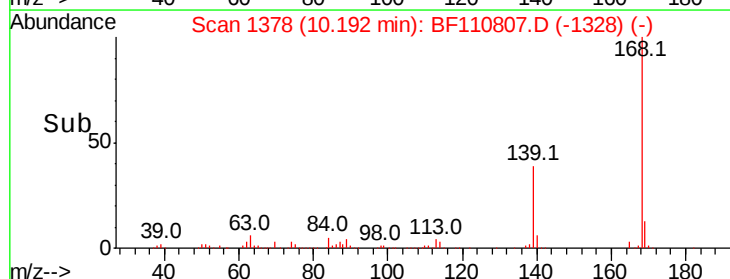
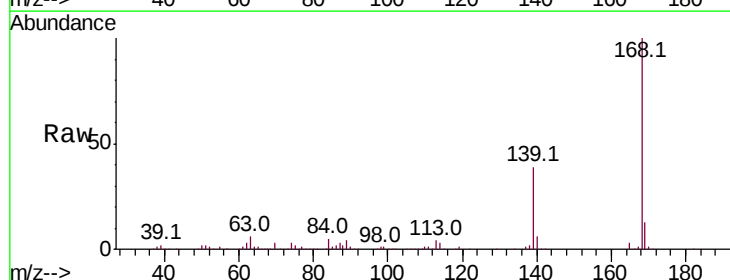
Instrument :
BNA_F
ClientSampleId :

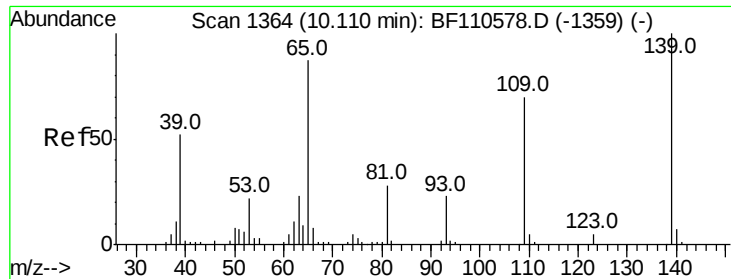
Tot Ion:138 Resp: 74657
Ion Ratio Lower Upper
138 100
108 9.9 8.7 13.1
92 105.0 97.0 145.4



#55
Dibenzofuran
Concen: 39.351 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion:168 Resp: 352423
Ion Ratio Lower Upper
168 100
139 39.4 33.0 49.6
169 13.2 11.3 16.9

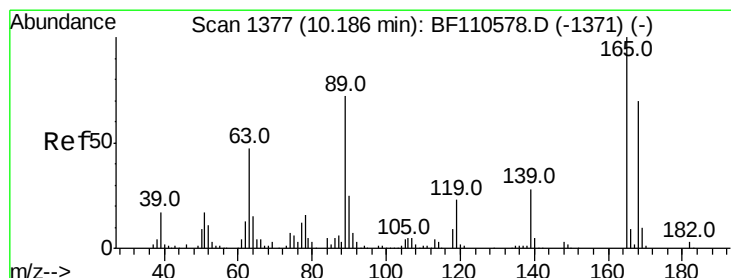
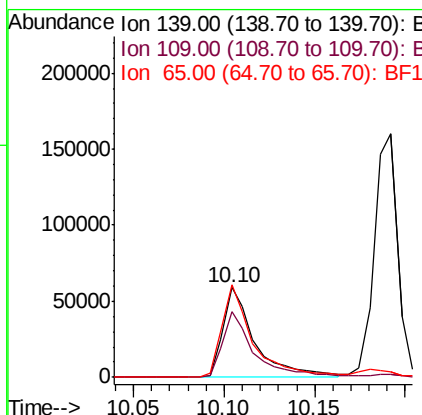
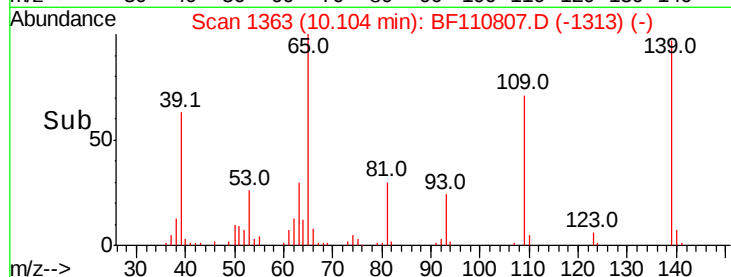
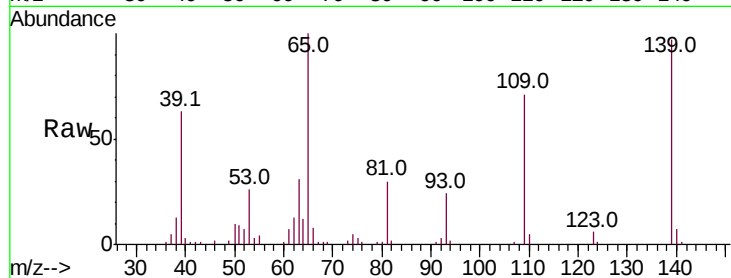




#56
4-Nitrophenol
Concen: 57.221 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

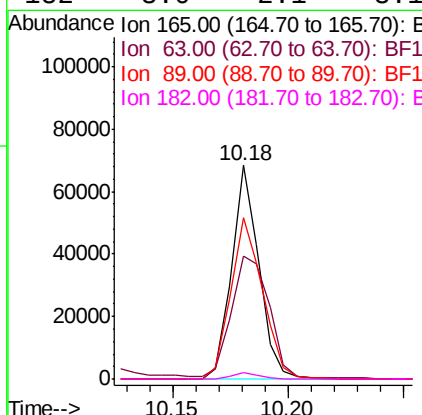
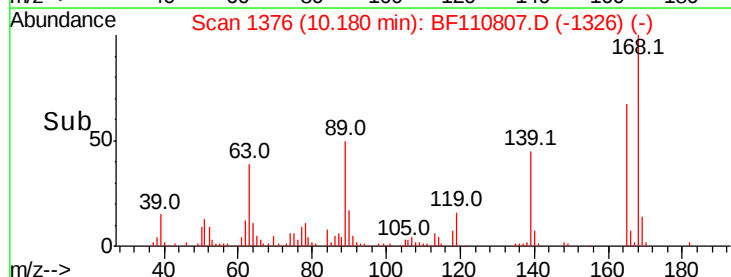
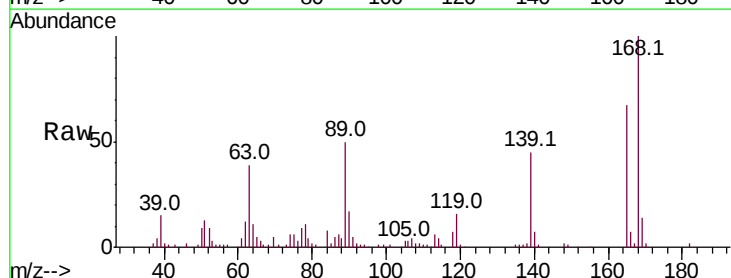
Instrument :
BNA_F
ClientSampleId :

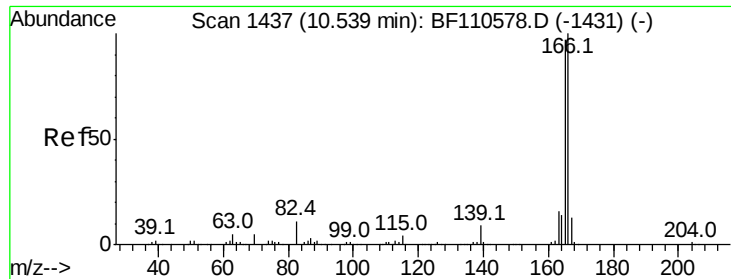
Tot Ion:139 Resp: 72249
Ion Ratio Lower Upper
139 100
109 73.1 55.8 95.8
65 103.6 77.9 117.9



#57
2,4-Dinitrotoluene
Concen: 26.280 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion:165 Resp: 56131
Ion Ratio Lower Upper
165 100
63 57.7 44.8 67.2
89 75.2 62.2 93.4
182 3.0 2.1 3.1





#58

Fluorene

Concen: 40.712 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

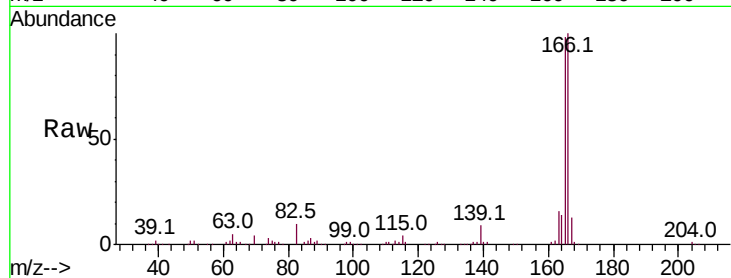
Tot Ion:166 Resp: 280061

Ion Ratio Lower Upper

166 100

165 97.8 78.6 117.8

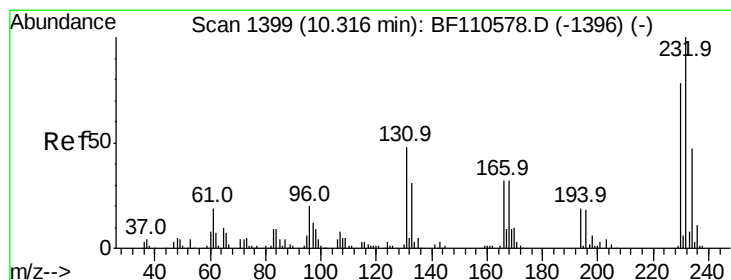
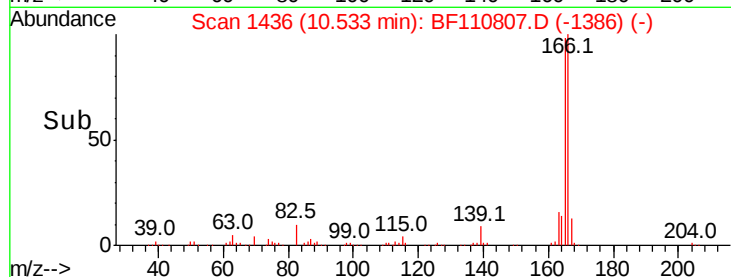
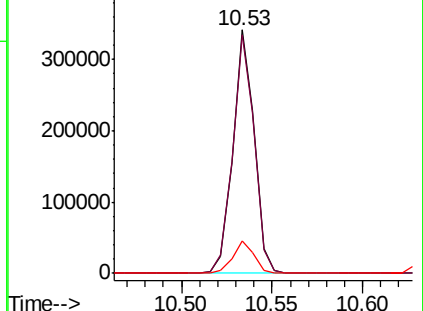
167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 34.064 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Tgt Ion:232 Resp: 56904

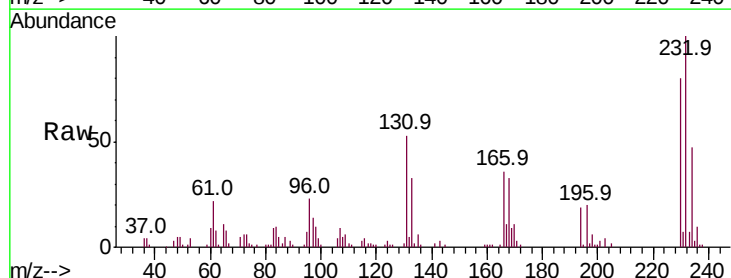
Ion Ratio Lower Upper

232 100

131 49.9 37.0 55.4

130 2.1 1.8 2.6

166 32.9 22.0 33.0

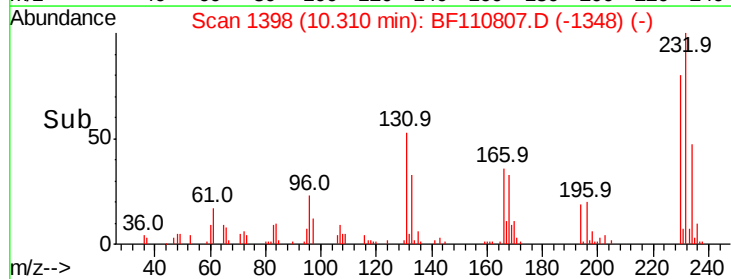
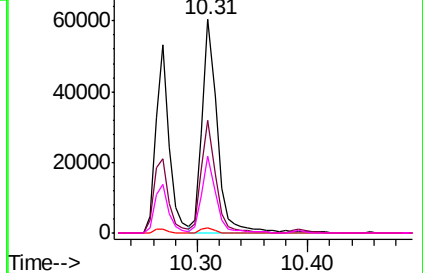


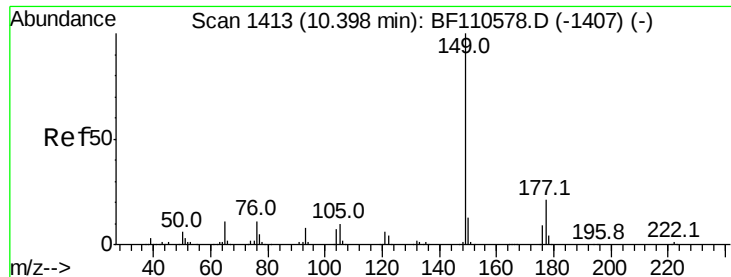
Abundance Ion 232.00 (231.70 to 232.70): E

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

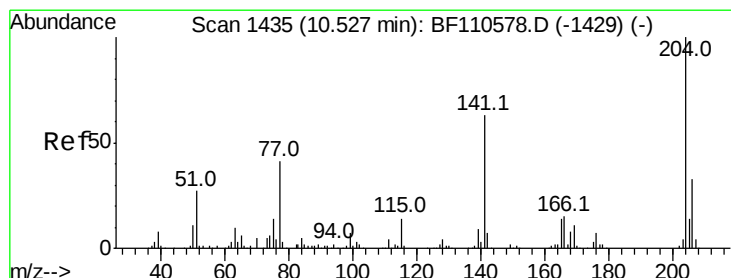
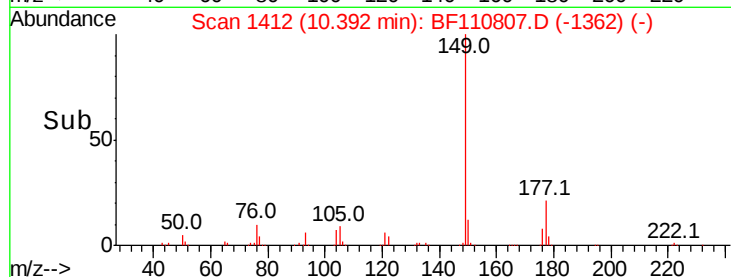
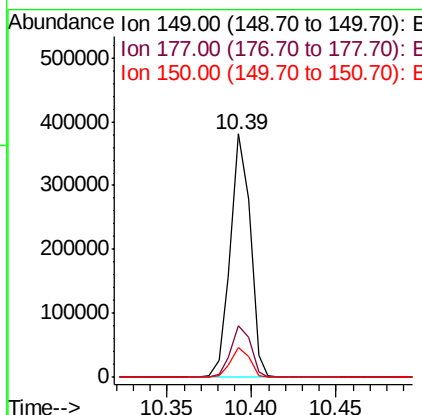
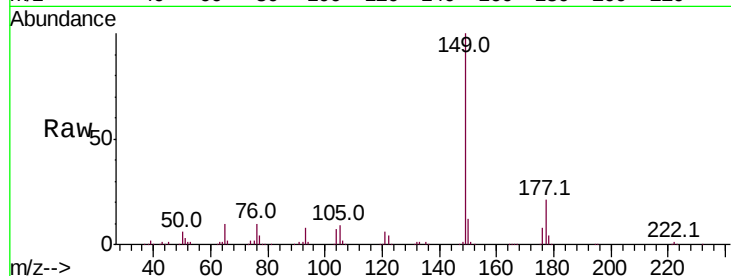




#60
Diethylphthalate
Concen: 42.293 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

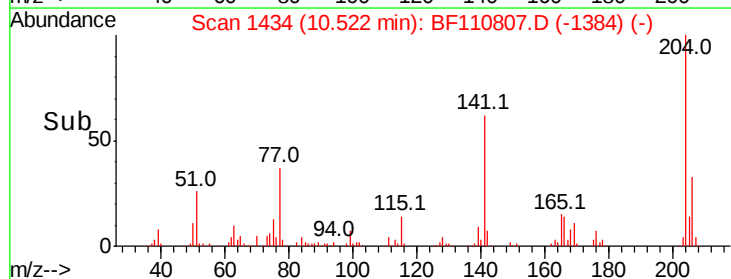
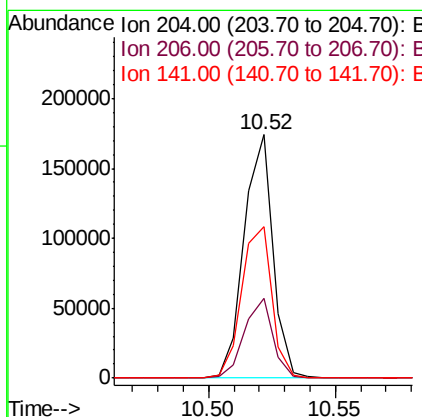
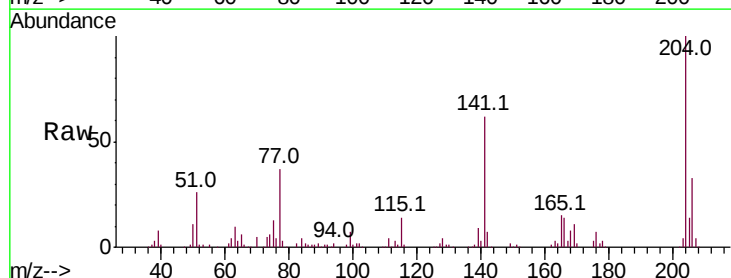
Instrument :
BNA_F
ClientSampled :

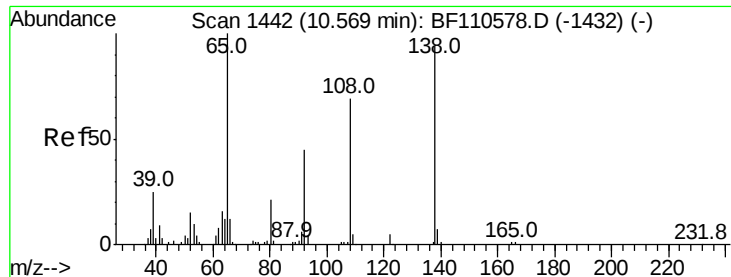
Tot Ion:149 Resp: 312455
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.2
150 12.0 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 38.617 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion:204 Resp: 137547
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 62.4 51.8 77.8

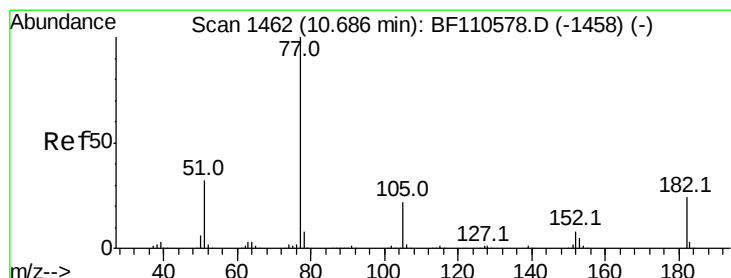
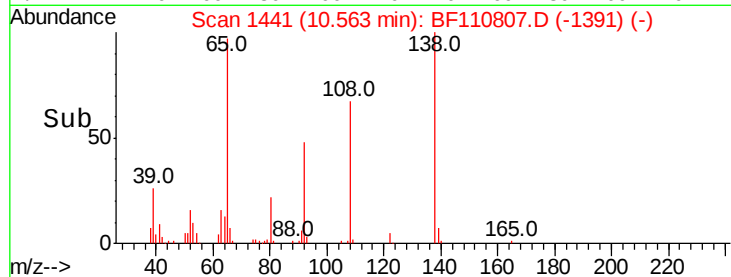
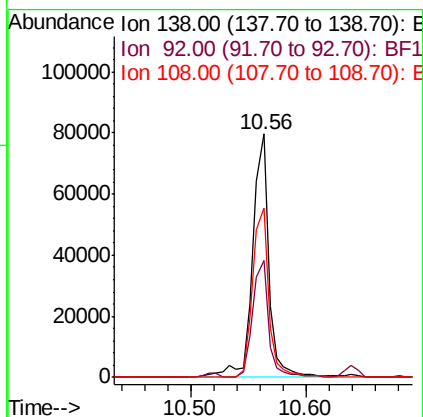
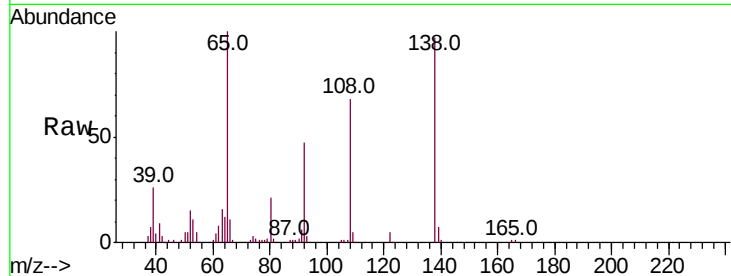




#62
4-Nitroaniline
Concen: 41.059 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

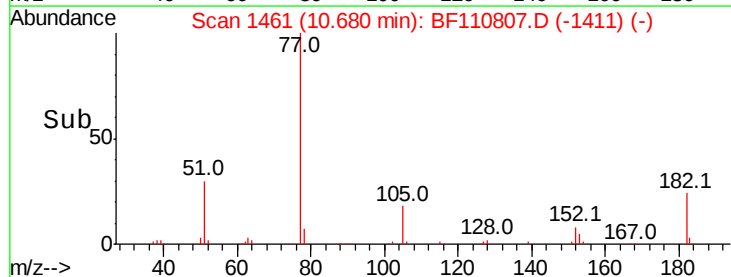
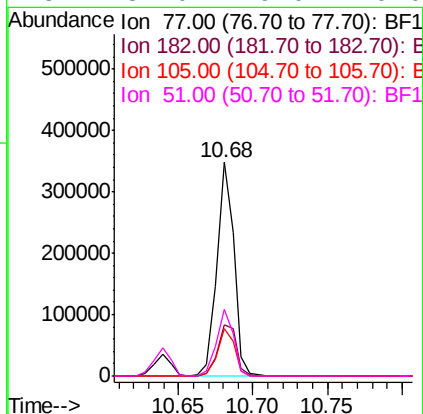
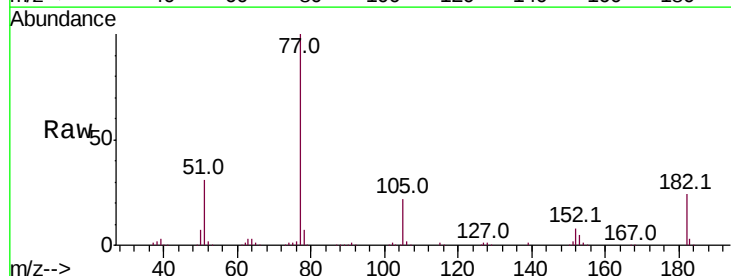
Instrument :
BNA_F
ClientSampleId :

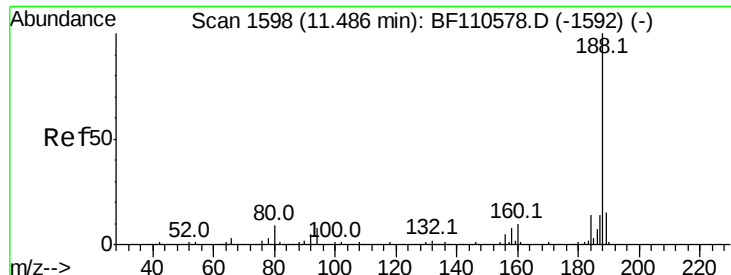
Tot Ion:138 Resp: 78688
Ion Ratio Lower Upper
138 100
92 48.0 31.7 71.7
108 69.8 59.3 99.3



#63
Azobenzene
Concen: 38.357 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion: 77 Resp: 276475
Ion Ratio Lower Upper
77 100
182 23.8 4.3 44.3
105 22.2 1.3 41.3
51 31.0 9.0 49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampled :

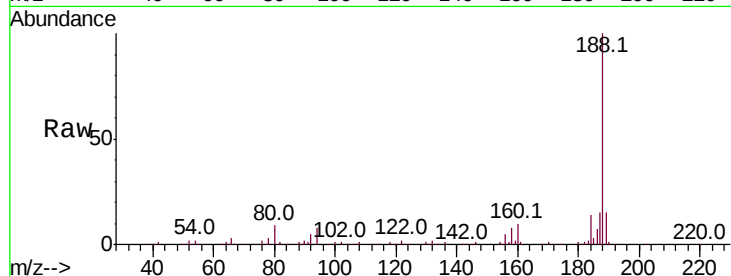
Tot Ion:188 Resp: 174321

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

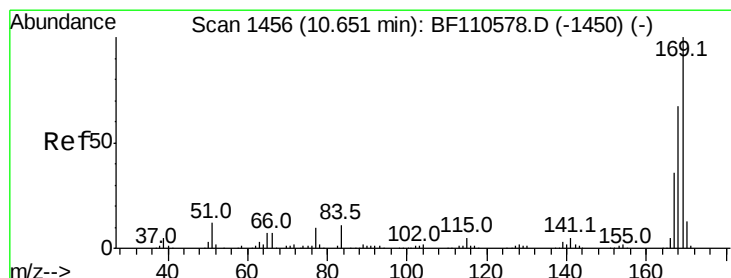
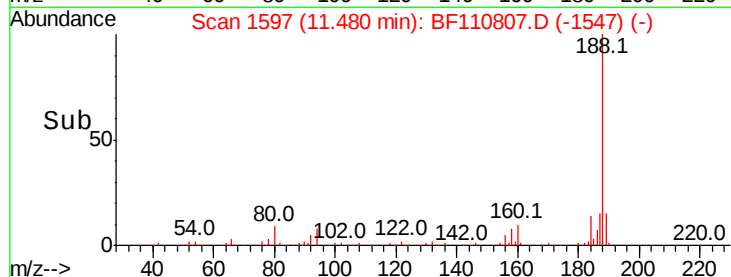
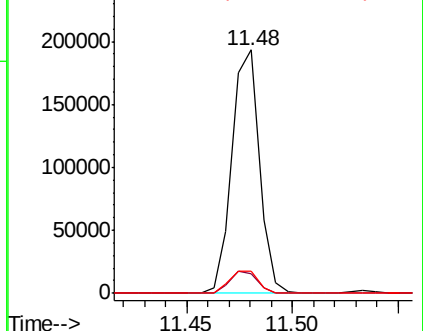
80 9.2 7.9 11.9



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



#66

n-Nitrosodiphenylamine

Concen: 42.323 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

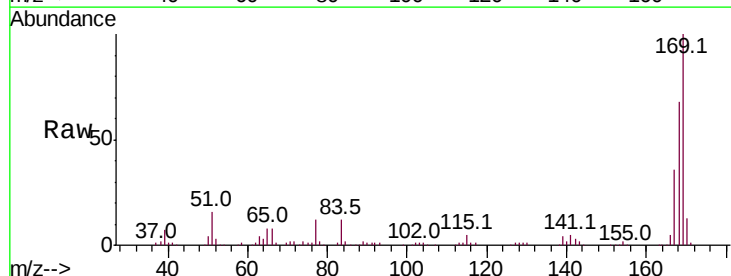
Tgt Ion:169 Resp: 248681

Ion Ratio Lower Upper

169 100

168 67.7 51.2 76.8

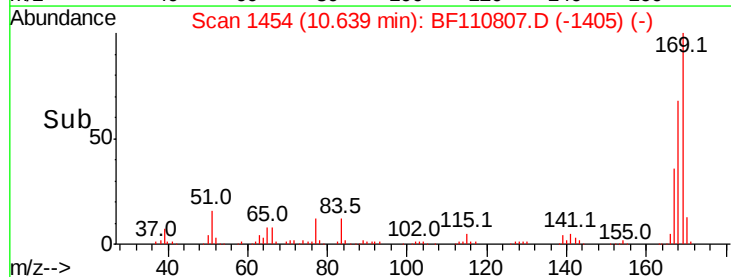
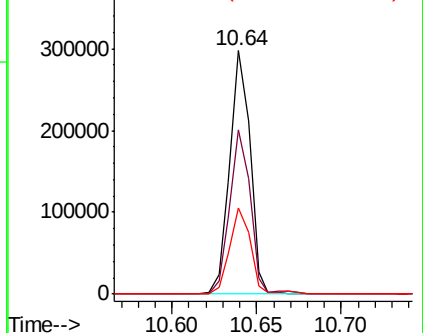
167 35.6 27.8 41.6

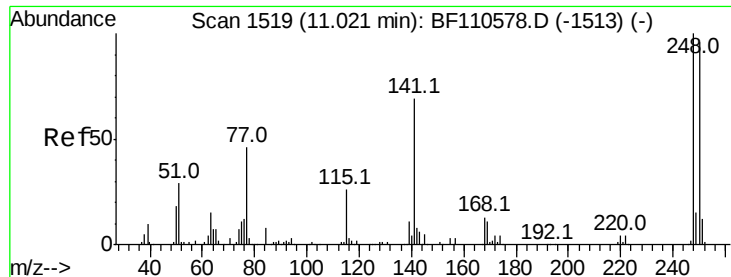


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

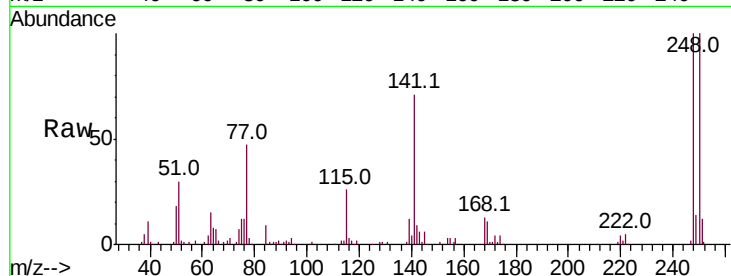




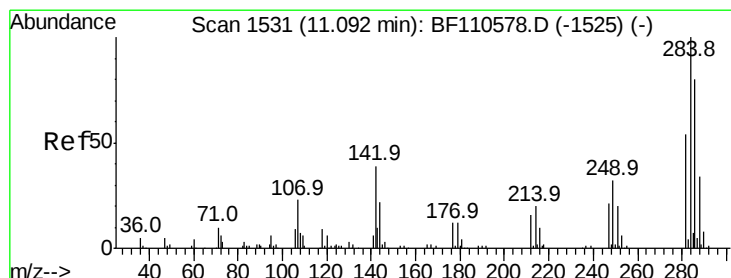
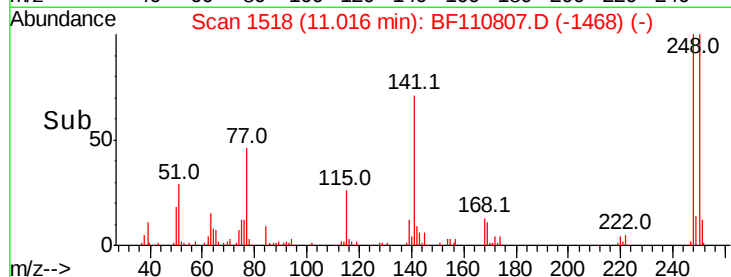
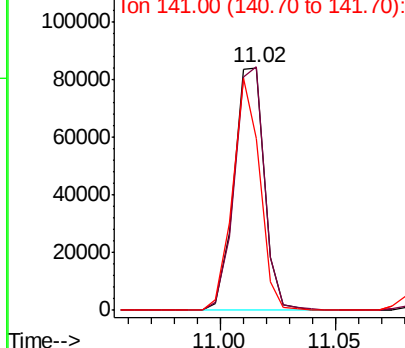
#67
 4-Bromophenyl-phenylether
 Concen: 40.046 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 77153
 Ion Ratio Lower Upper
 248 100
 250 100.4 79.4 119.2
 141 70.8 55.9 83.9

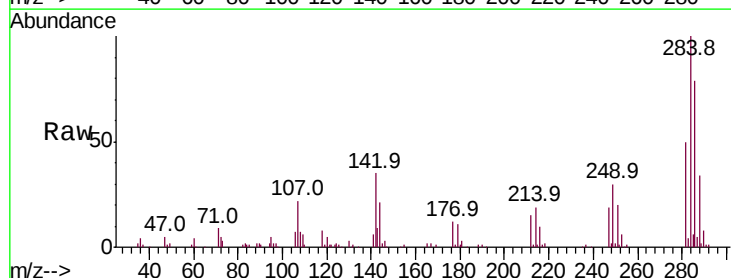


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

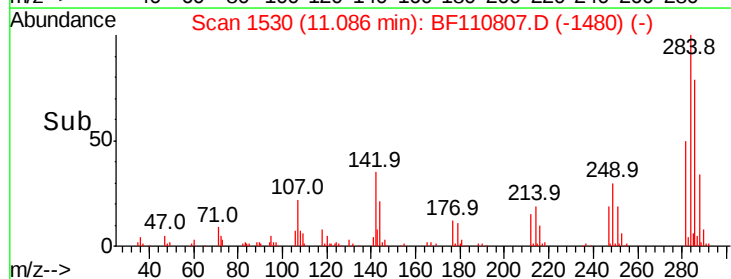
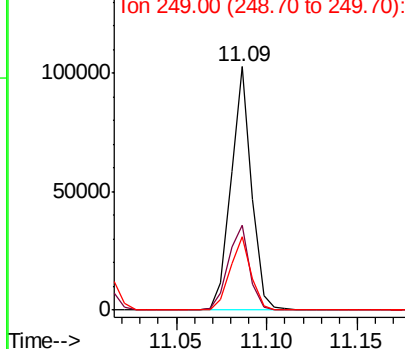


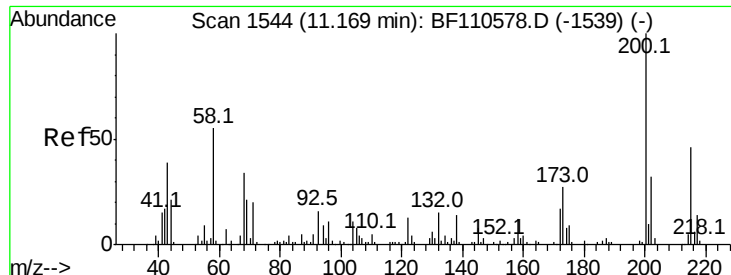
#68
 Hexachlorobenzene
 Concen: 39.765 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Tgt Ion:284 Resp: 80771
 Ion Ratio Lower Upper
 284 100
 142 35.0 23.9 35.9
 249 29.9 24.2 36.2



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

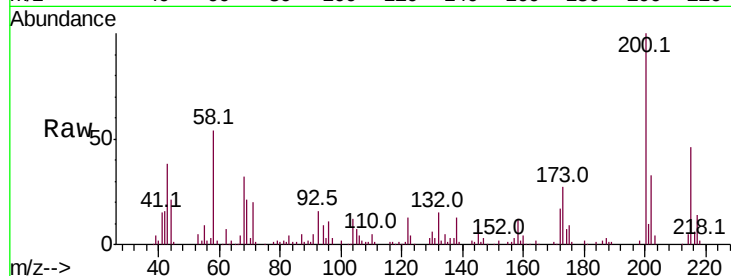




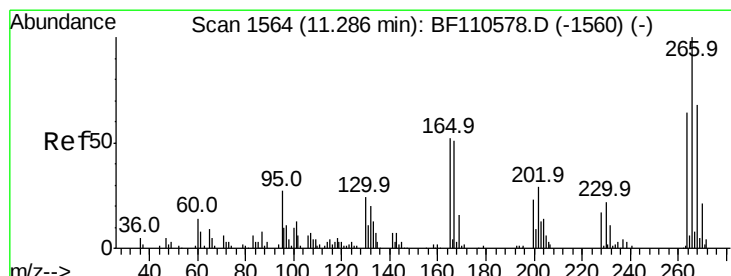
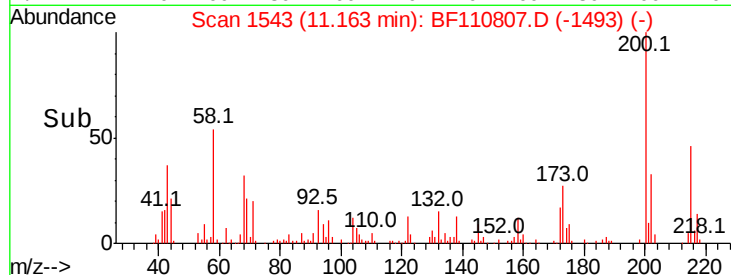
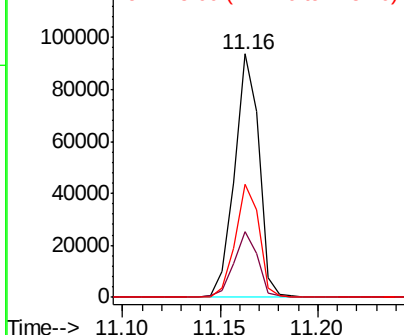
#69
Atrazine
Concen: 45.264 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 81321
Ion Ratio Lower Upper
200 100
173 27.1 6.6 46.6
215 46.4 26.3 66.3

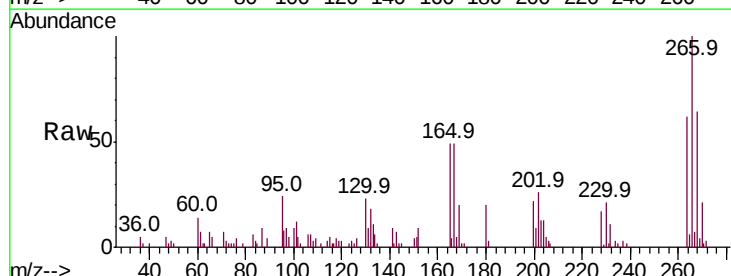


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

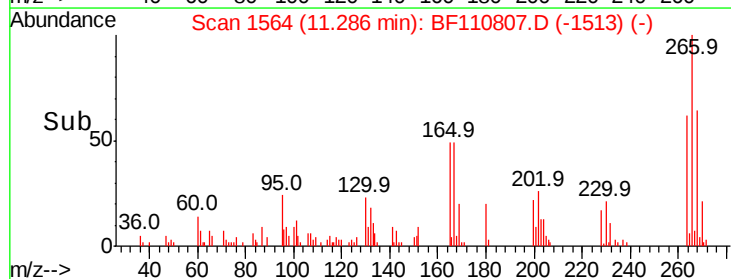
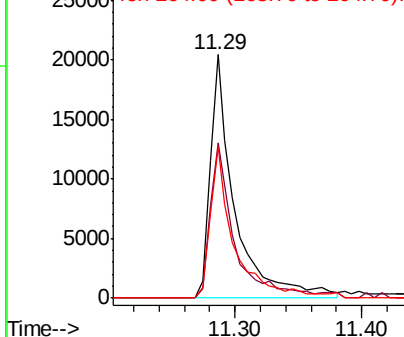


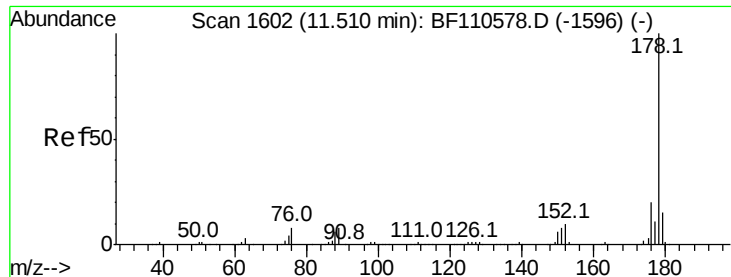
#70
Pentachlorophenol
Concen: 25.417 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion:266 Resp: 27548
Ion Ratio Lower Upper
266 100
268 63.9 50.6 75.8
264 62.4 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: 42.365 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

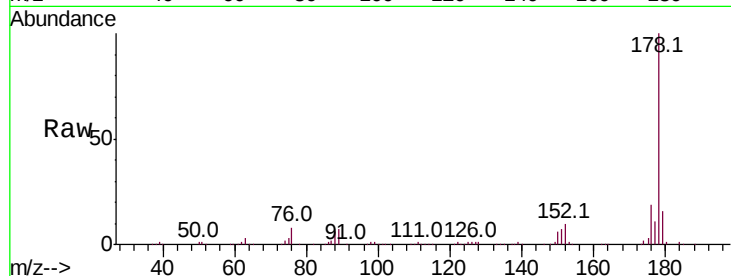
Tot Ion:178 Resp: 395657

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.5	12.5	18.7

178 100

176 19.4 15.5 23.3

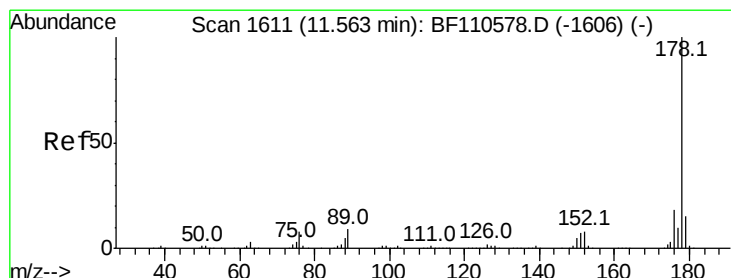
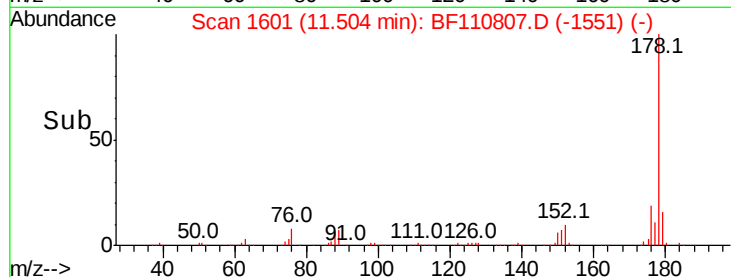
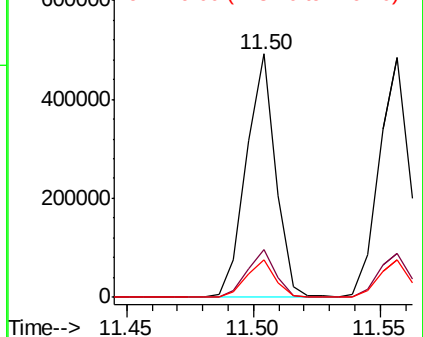
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.627 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

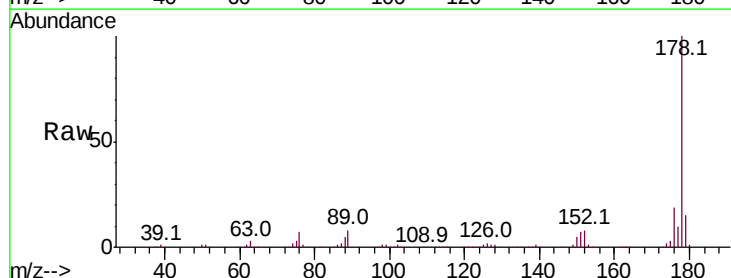
Tgt Ion:178 Resp: 411014

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.4	12.6	18.8

178 100

176 18.6 15.4 23.2

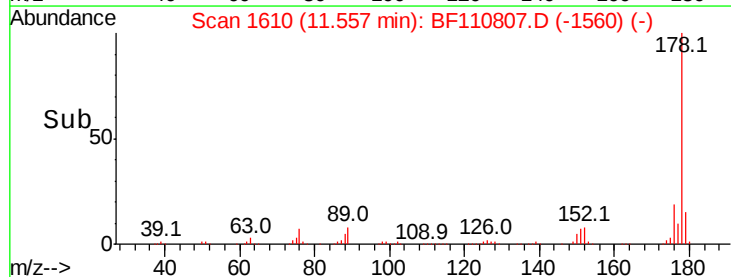
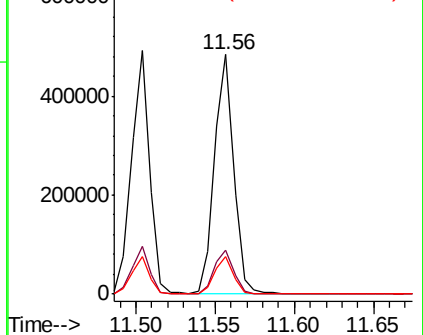
179 15.4 12.6 18.8

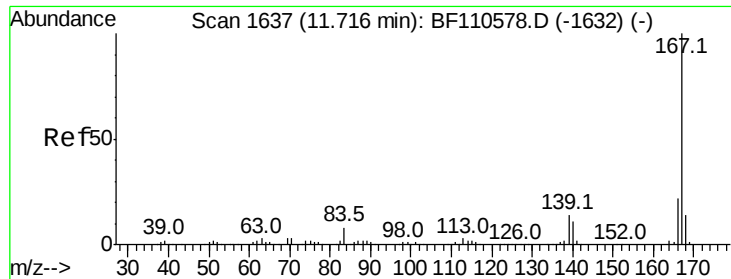


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

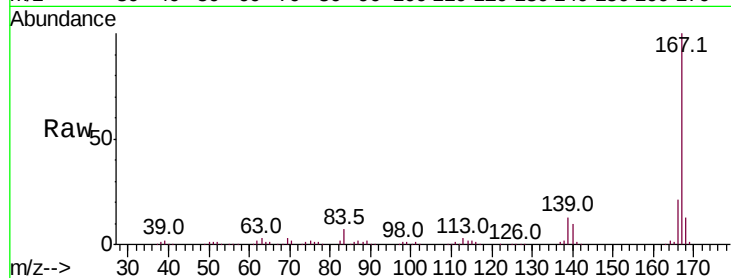




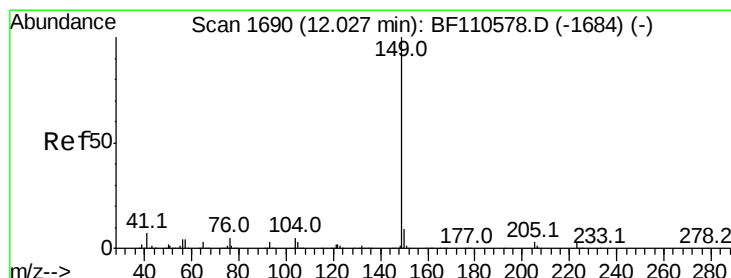
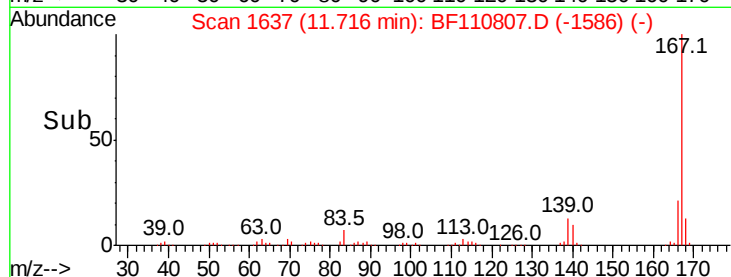
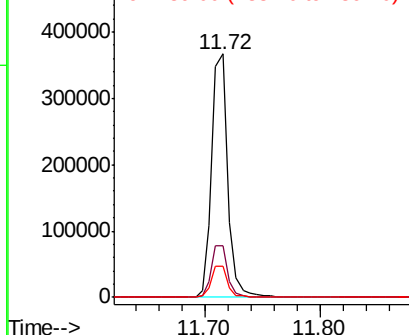
#73
 Carbazole
 Concen: 39.267 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 355274
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.7 10.9 16.3

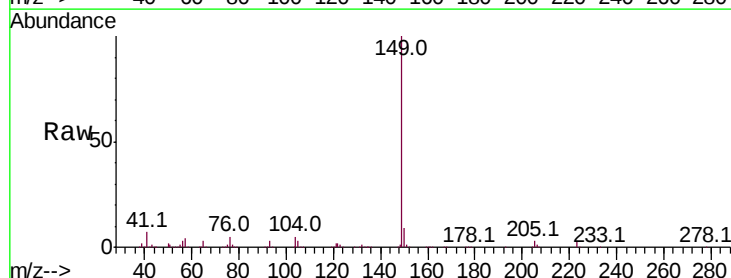


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

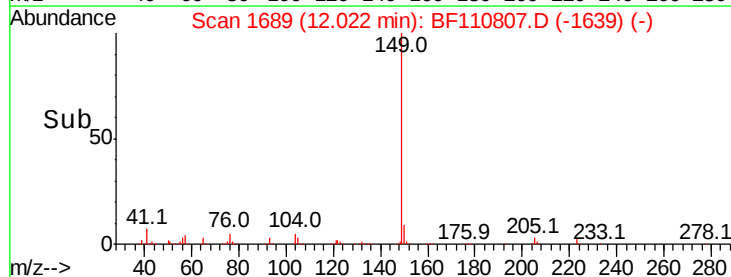
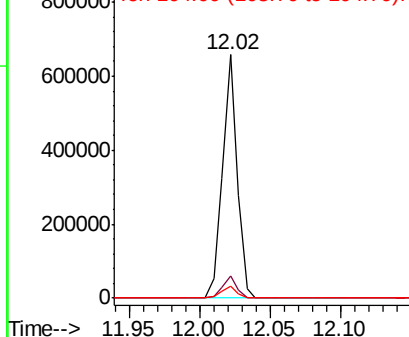


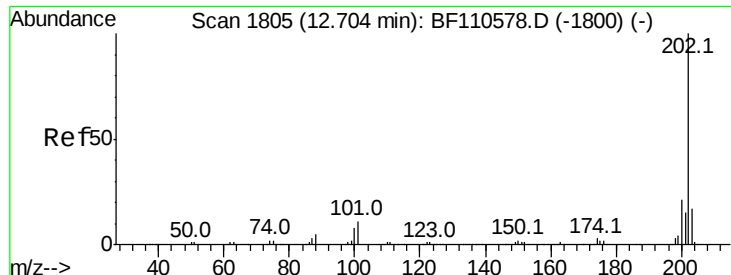
#74
 Di-n-butylphthalate
 Concen: 44.716 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Tgt Ion:149 Resp: 474437
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.8 4.2 6.4



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

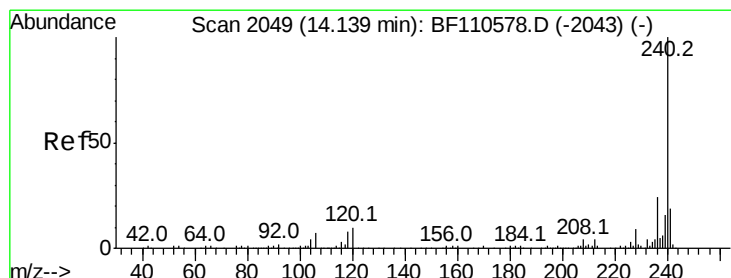
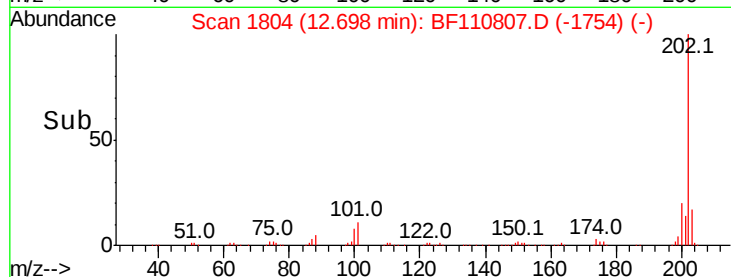
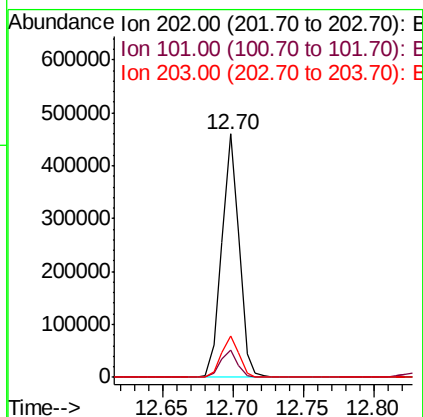
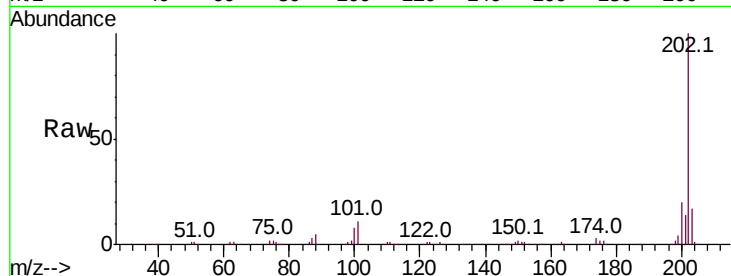




#75
 Fluoranthene
 Concen: 42.047 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

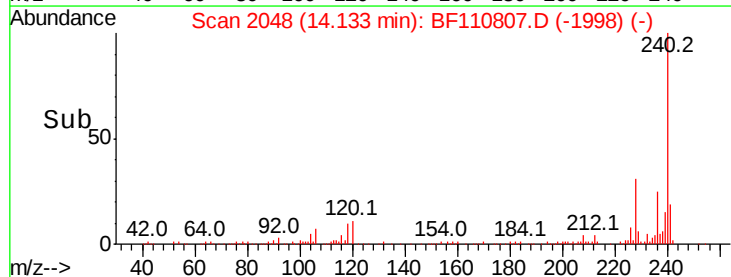
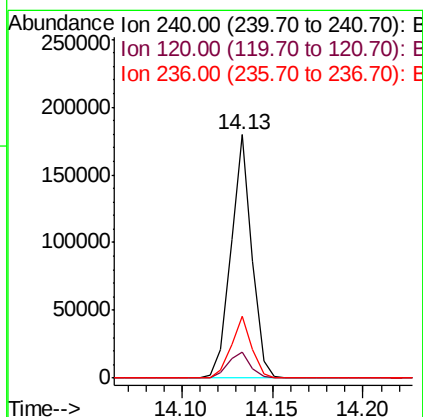
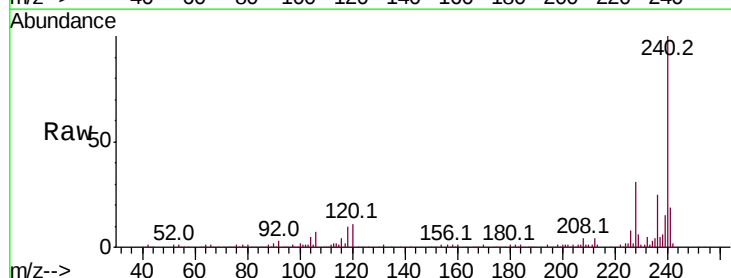
Instrument :
 BNA_F
 ClientSampleId :

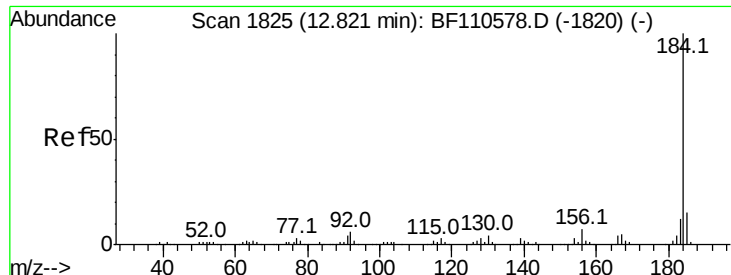
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.1	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.4	21.2	31.8

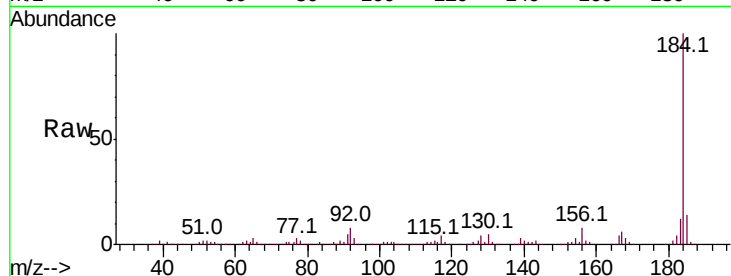




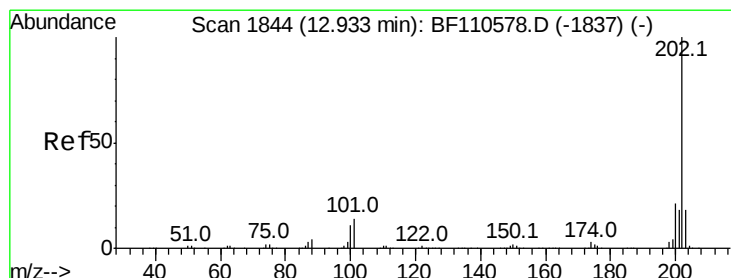
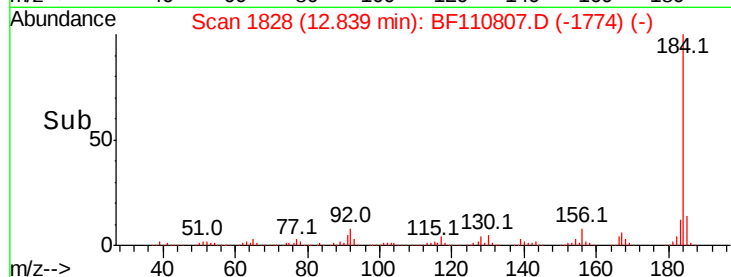
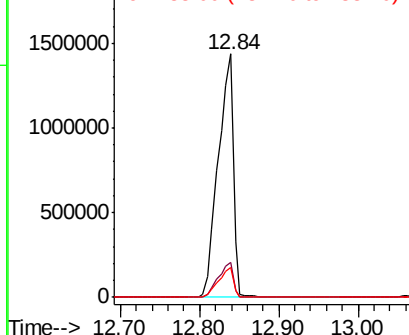
#77
Benzidine
Concen: 480.516 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.02 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 1896397
Ion Ratio Lower Upper
184 100
185 14.3 13.4 20.2
183 12.3 9.4 14.2

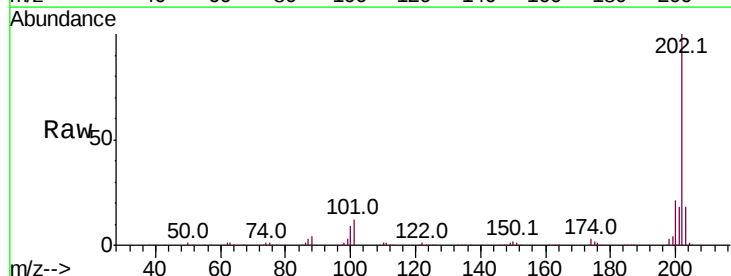


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

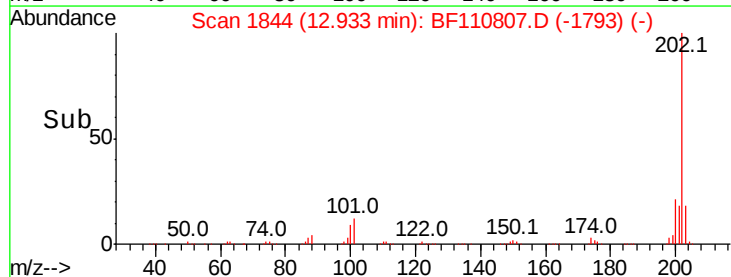
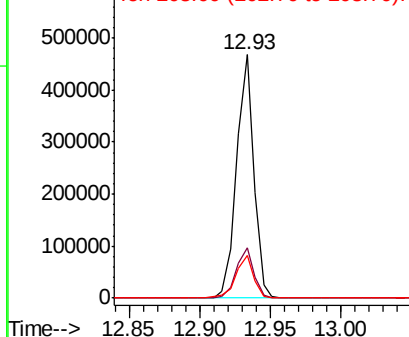


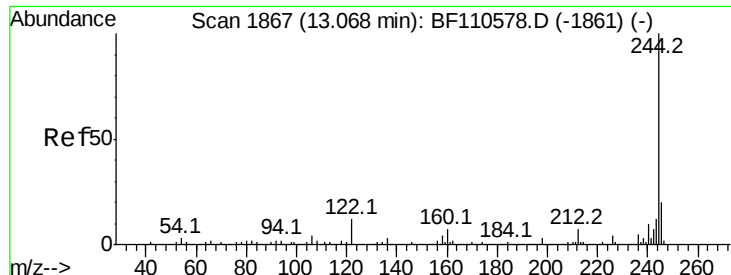
#78
Pyrene
Concen: 36.014 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion:202 Resp: 397958
Ion Ratio Lower Upper
202 100
200 20.9 17.8 26.6
203 17.7 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: 60.892 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

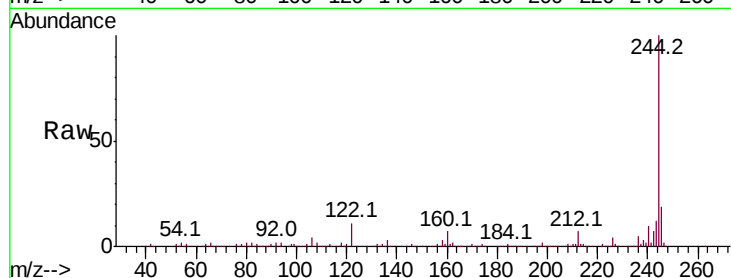
Tot Ion:244 Resp: 466619

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

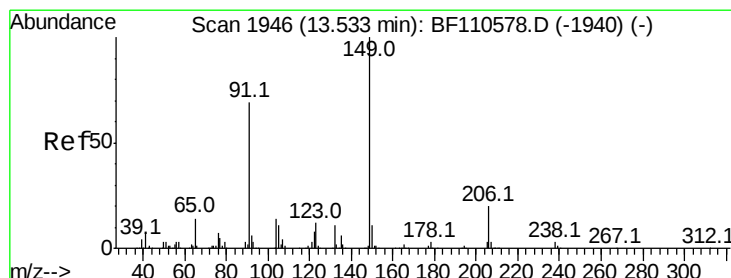
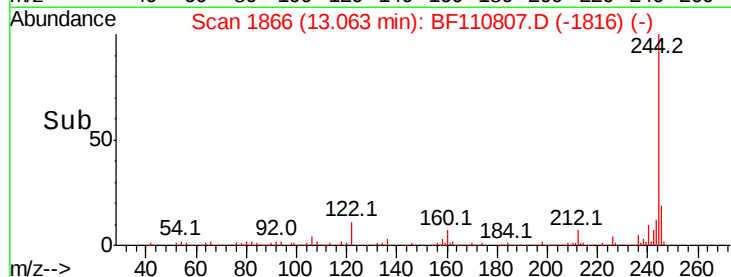
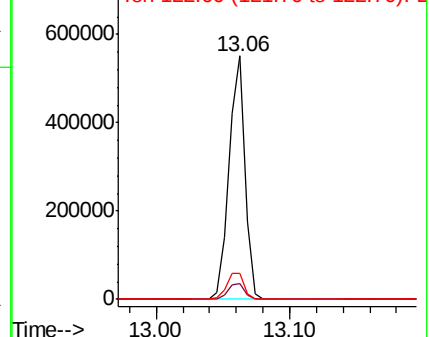
122 10.8 8.7 13.1



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: 38.318 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

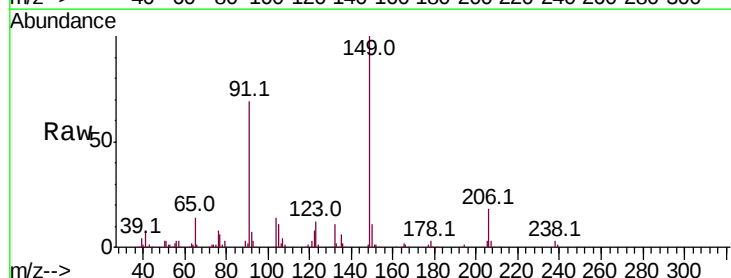
Tgt Ion:149 Resp: 182243

Ion Ratio Lower Upper

149 100

91 69.4 57.2 85.8

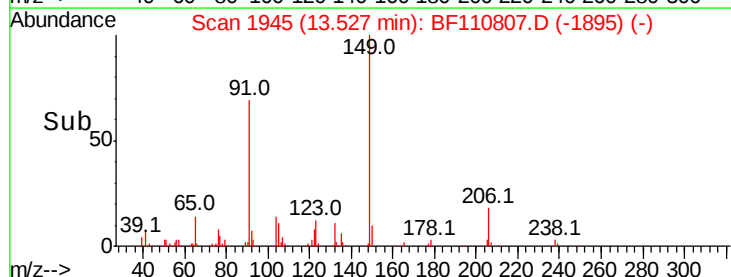
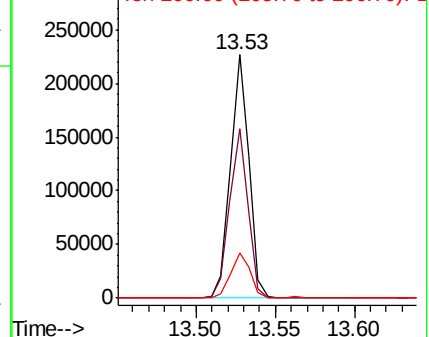
206 18.4 15.7 23.5

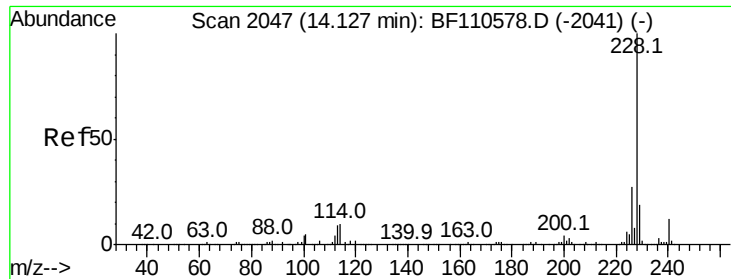


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

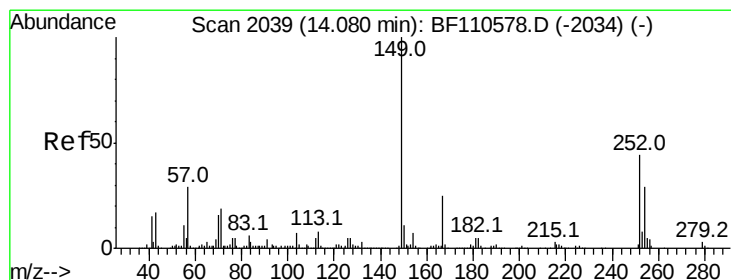
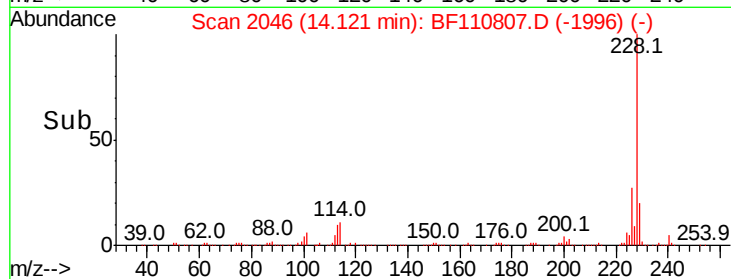
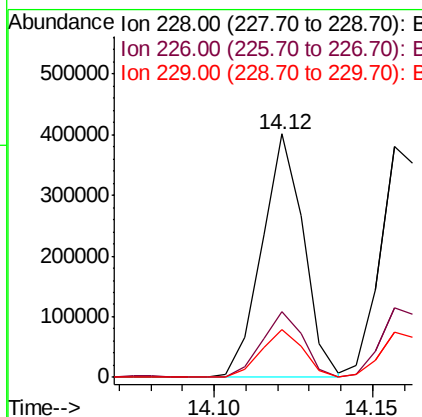
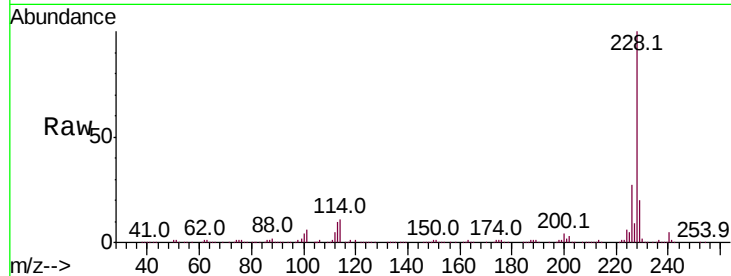




#81
Benzo(a)anthracene
Concen: 42.663 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

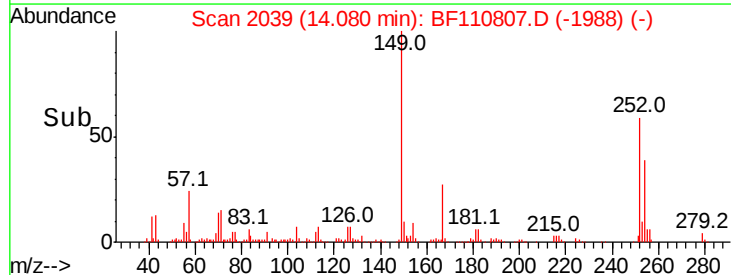
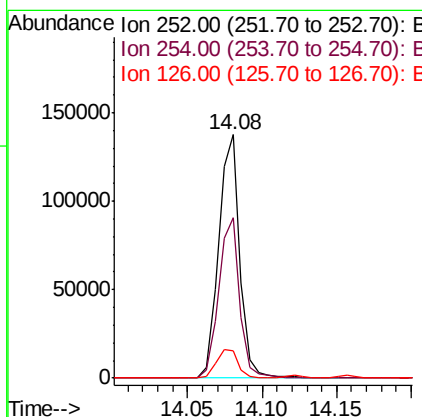
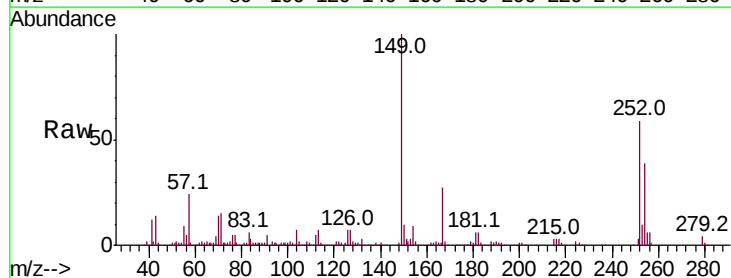
Instrument :
BNA_F
ClientSampleId :

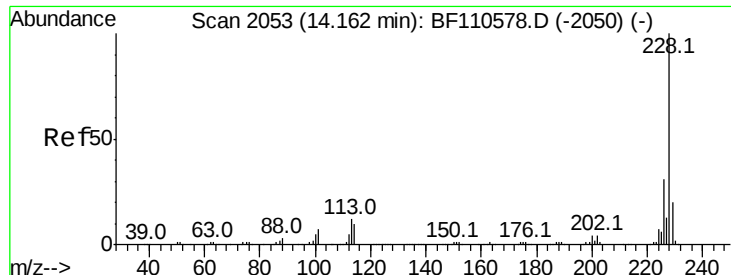
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.7	15.6	23.4



#82
3,3'-Dichlorobenzidine
Concen: 47.539 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.3	76.9
126	11.3	9.4	14.2





#83

Chrysene

Concen: 42.450 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

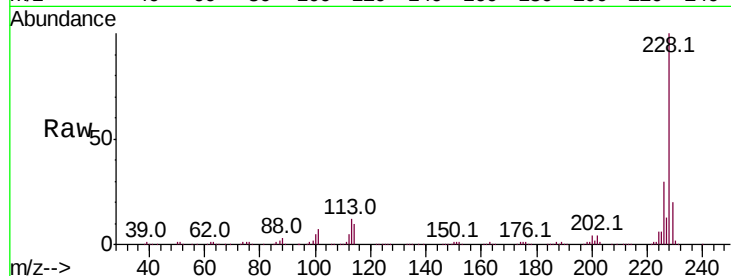
Tot Ion:228 Resp: 346908

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

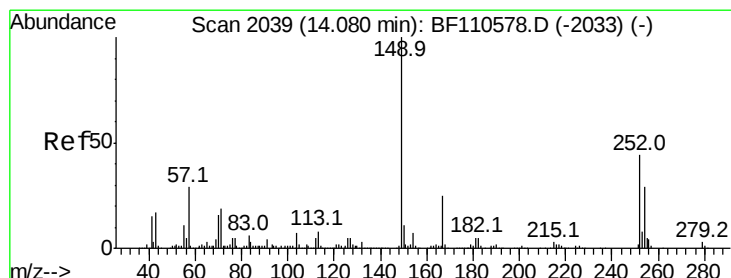
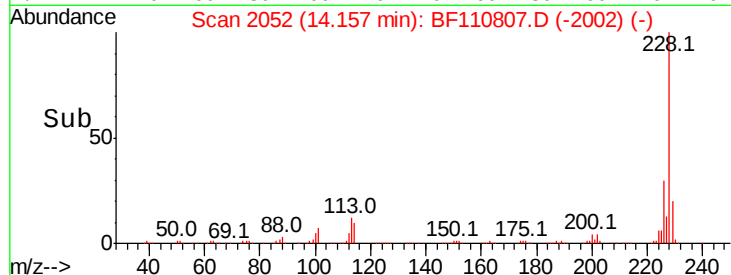
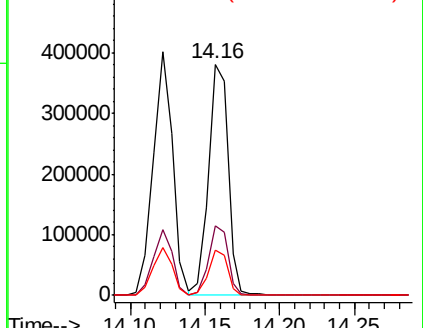
229 19.5 15.9 23.9



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: 41.388 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

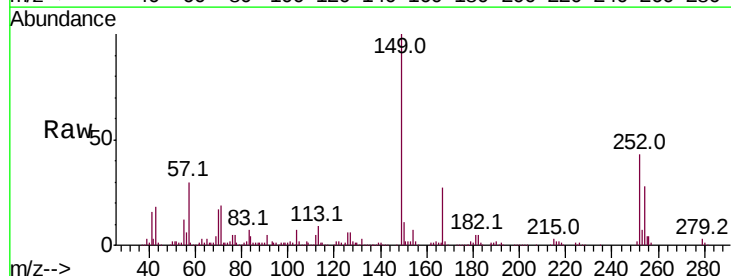
Tgt Ion:149 Resp: 244188

Ion Ratio Lower Upper

149 100

167 26.7 19.8 29.8

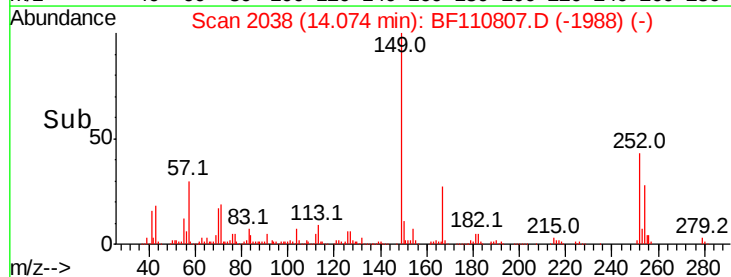
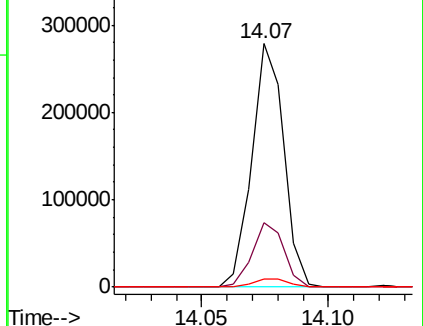
279 3.1 2.7 4.1

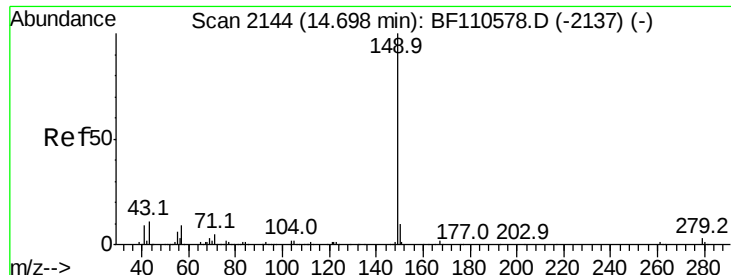


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.478 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Instrument :

BNA_F

ClientSampleId :

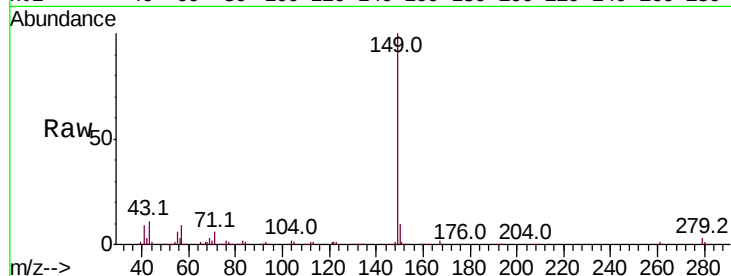
Tot Ion:149 Resp: 437954

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

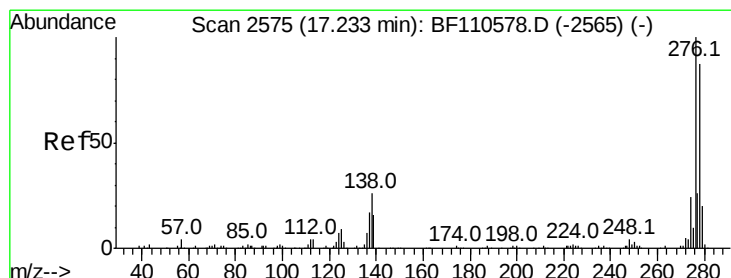
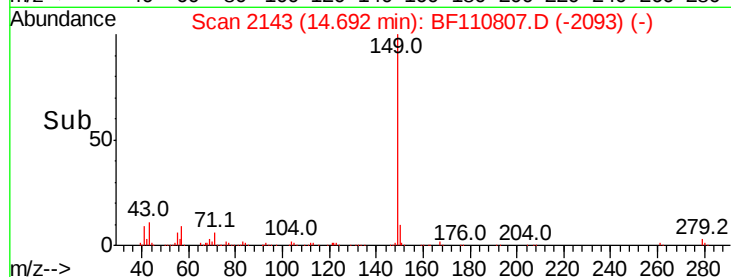
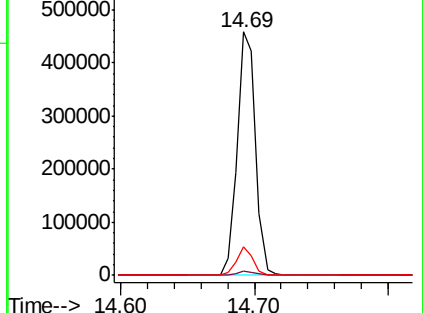
43 10.2 7.8 11.8



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: 39.304 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

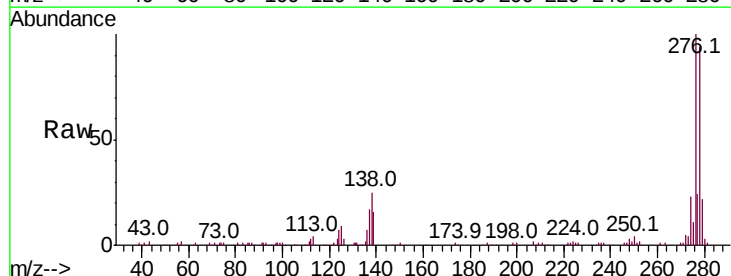
Tgt Ion:276 Resp: 230488

Ion Ratio Lower Upper

276 100

138 25.0 18.5 27.7

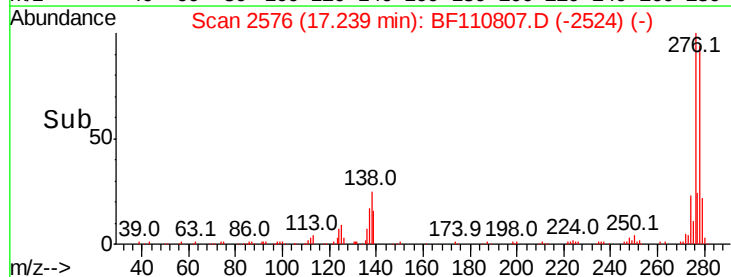
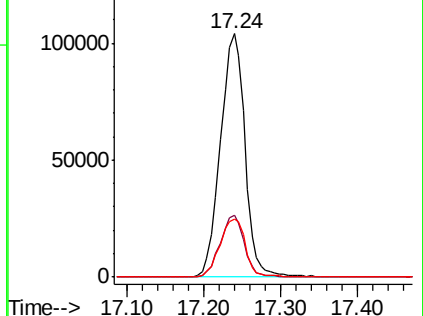
277 24.7 20.0 30.0

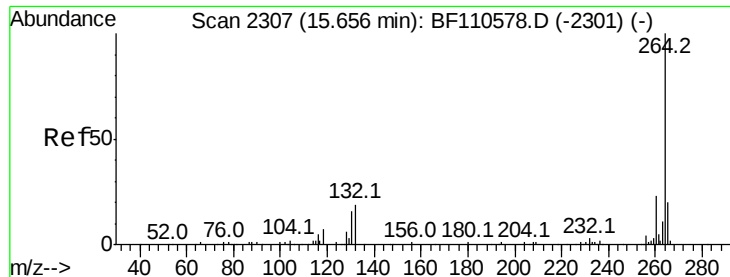


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

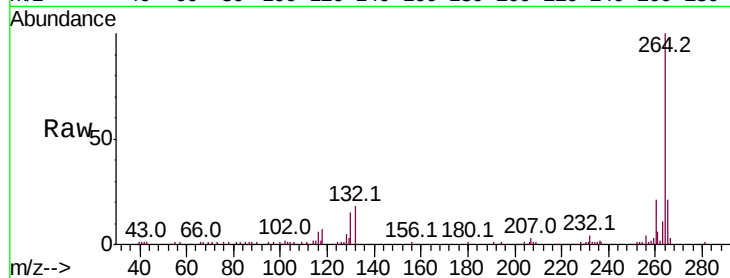




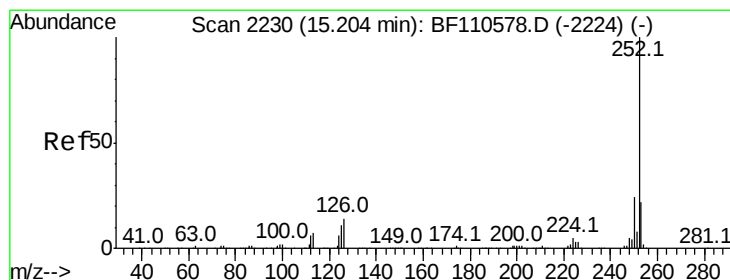
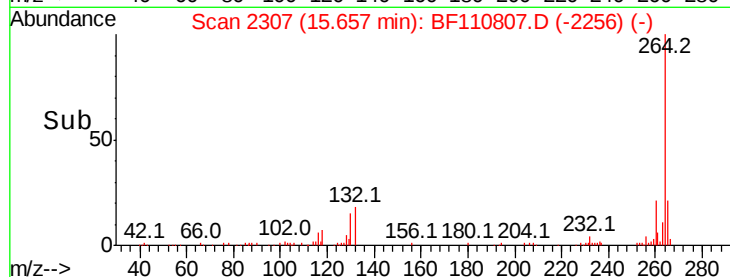
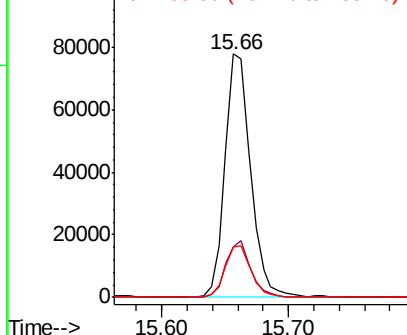
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:264 Resp: 109146
 Ion Ratio Lower Upper
 264 100
 260 20.9 18.7 28.1
 265 20.7 16.7 25.1

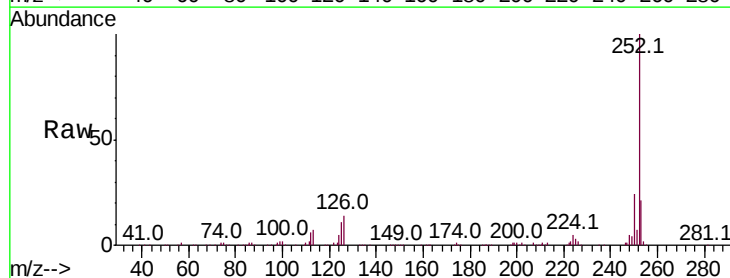


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

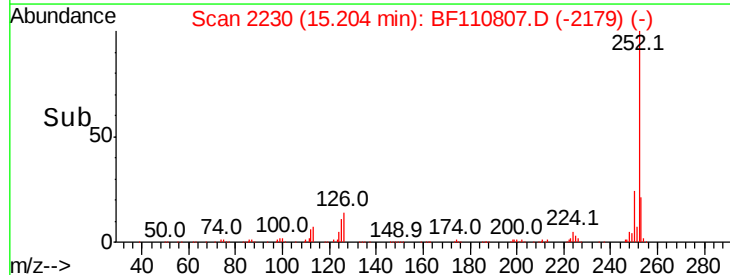
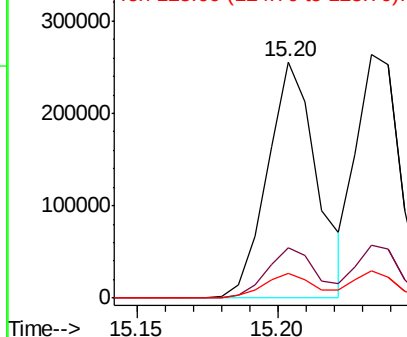


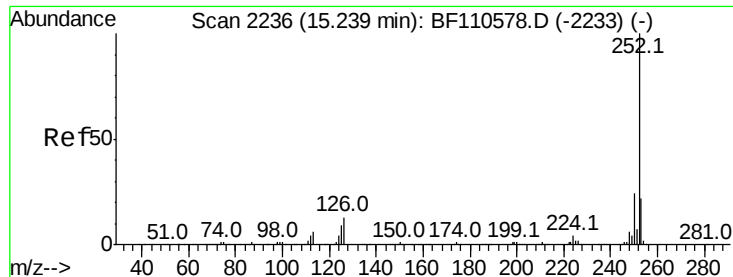
#88
 Benzo(b)fluoranthene
 Concen: 47.531 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BF110807.D
 Acq: 15 Nov 2018 23:51

Tgt Ion:252 Resp: 310352
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.2 25.8
 125 10.6 8.2 12.4



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

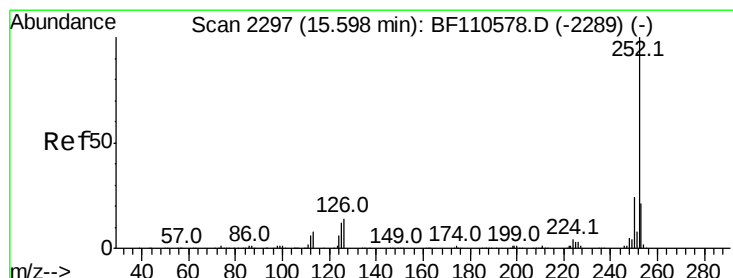
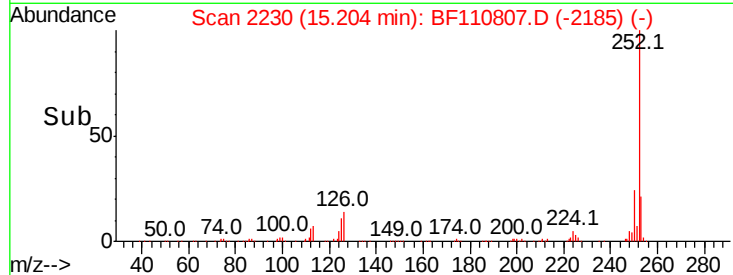
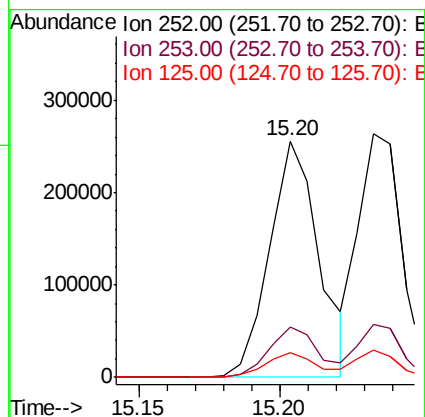
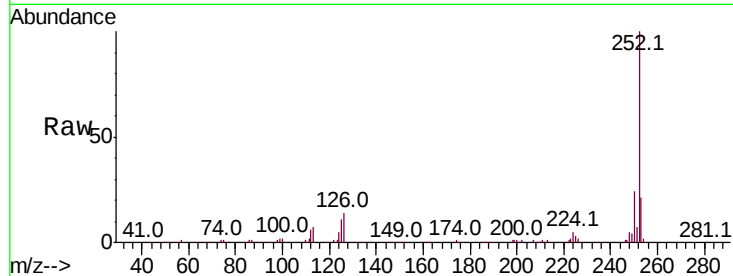




#89
Benzo(k)fluoranthene
Concen: 48.103 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

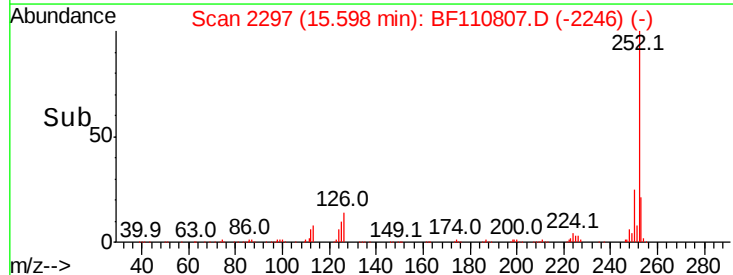
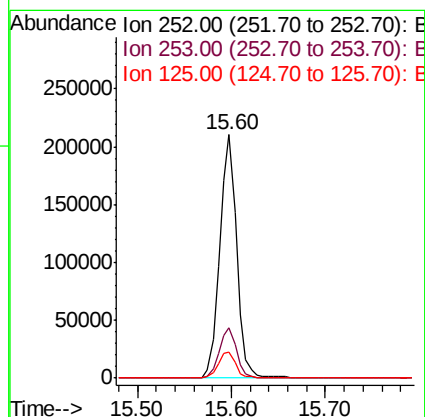
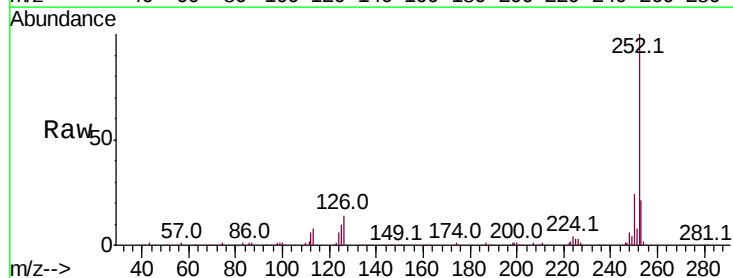
Instrument :
BNA_F
ClientSampleId :

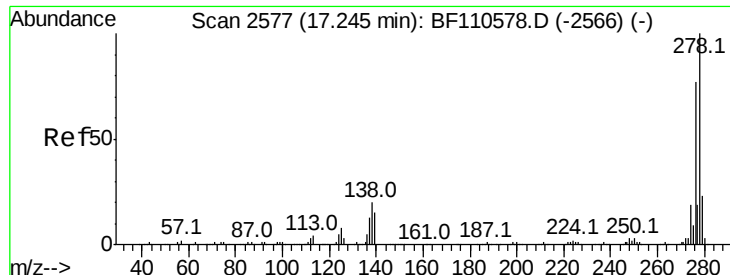
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.6	7.4	11.0



#90
Benzo(a)pyrene
Concen: 44.766 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110807.D
Acq: 15 Nov 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.4
125	10.5	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 38.243 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

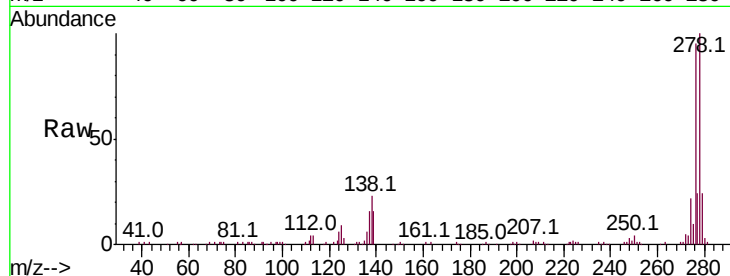
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 191997

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	23.7	19.0	28.4

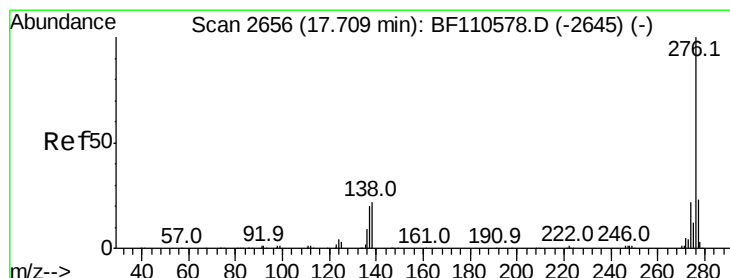
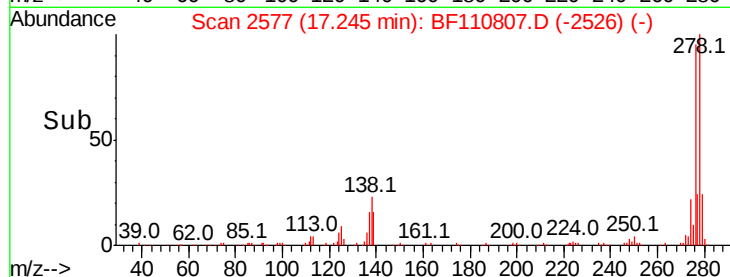
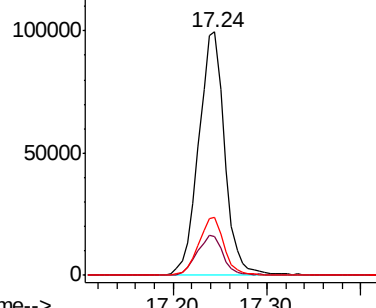


Abundance

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: 36.146 ng

RT: 17.72 min Scan# 2657

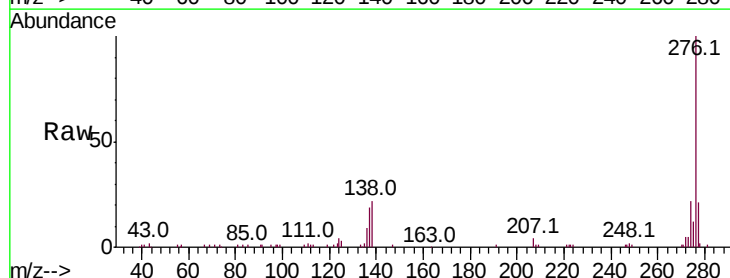
Delta R.T. 0.01 min

Lab File: BF110807.D

Acq: 15 Nov 2018 23:51

Tgt Ion:276 Resp: 180048

Ion	Ratio	Lower	Upper
276	100		
277	21.5	18.8	28.2
138	21.8	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

