

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110580.D
 Acq On : 8 Nov 2018 13:03
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 13:47:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 13:42:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	81517	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	342394	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	158769	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	296672	20.00	ng	0.00
76) Chrysene-d12	14.14	240	191486	20.00	ng	0.00
87) Perylene-d12	15.66	264	143176	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	593270	118.52	ng	0.00
7) Phenol-d6	6.58	99	748235	116.86	ng	0.00
23) Nitrobenzene-d5	7.52	82	704046	121.96	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	188115	119.61	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1254333	124.06	ng	0.00
79) Terphenyl-d14	13.07	244	1223523	132.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	150004	57.195	ng	92
3) Pyridine	3.57	79	340746	58.332	ng	# 84
4) n-Nitrosodimethylamine	3.55	42	148956	60.864	ng	92
6) Aniline	6.62	93	482618	57.863	ng	# 53
8) 2-Chlorophenol	6.74	128	344965	59.773	ng	98
9) Benzaldehyde	6.50	77	178165	45.833	ng	96
10) Phenol	6.59	94	435819	63.678	ng	# 68
11) bis(2-Chloroethyl)ether	6.69	93	324212	57.578	ng	95
12) 1,3-Dichlorobenzene	6.89	146	379406	59.738	ng	97
13) 1,4-Dichlorobenzene	6.97	146	380104	59.175	ng	99
14) 1,2-Dichlorobenzene	7.12	146	350972	58.858	ng	99
15) Benzyl Alcohol	7.09	79	297019	60.314	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	506162	56.222	ng	71
17) 2-Methylphenol	7.20	107	269766	58.652	ng	# 84
18) Hexachloroethane	7.46	117	142648	60.657	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	238970	58.177	ng	97
20) 3+4-Methylphenols	7.36	107	340529	57.277	ng	# 90
22) Acetophenone	7.36	105	463155	58.705	ng	95
24) Nitrobenzene	7.54	77	358045	60.076	ng	95
25) Isophorone	7.77	82	577132	58.651	ng	96
26) 2-Nitrophenol	7.85	139	188142	66.339	ng	93
27) 2,4-Dimethylphenol	7.88	122	272633	57.981	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	385776	57.710	ng	99
29) 2,4-Dichlorophenol	8.09	162	284421	59.872	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	314198	59.048	ng	96
31) Naphthalene	8.26	128	924327	58.574	ng	100
32) Benzoic acid	8.03	122	199111	54.789	ng	92
33) 4-Chloroaniline	8.30	127	410858	57.850	ng	99
34) Hexachlorobutadiene	8.36	225	180193	60.990	ng	99
35) Caprolactam	8.70	113	95241	57.522	ng	94
36) 4-Chloro-3-methylphenol	8.79	107	300956	58.586	ng	97
37) 2-Methylnaphthalene	8.95	142	609907	58.415	ng	99
38) 1-Methylnaphthalene	9.05	142	577819	57.268	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	298339	60.308	ng	99

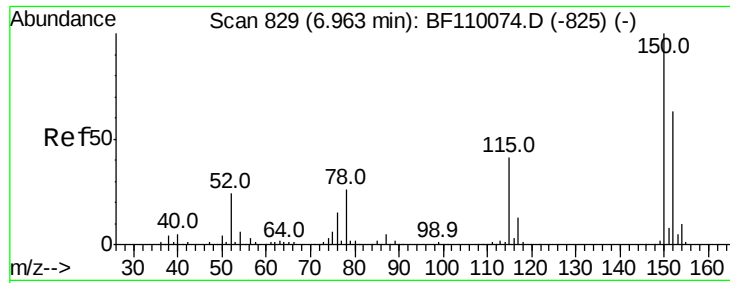
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	115477	45.652	ng	99
43) 2,4,6-Trichlorophenol	9.23	196	189687	59.450	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	201696	59.803	ng	95
46) 1,1'-Biphenyl	9.41	154	866396	60.345	ng	99
47) 2-Chloronaphthalene	9.44	162	628342	59.662	ng	98
48) 2-Nitroaniline	9.54	65	195451	61.243	ng	96
49) Acenaphthylene	9.86	152	890715	58.556	ng	98
50) Dimethylphthalate	9.71	163	693225	59.149	ng	99
51) 2,6-Dinitrotoluene	9.78	165	156091	61.830	ng	97
52) Acenaphthene	10.03	154	564484	56.095	ng	98
53) 3-Nitroaniline	9.96	138	180313	60.062	ng	89
54) 2,4-Dinitrophenol	10.06	184	60706	68.444	ng	89
55) Dibenzofuran	10.20	168	805529	57.174	ng	99
56) 4-Nitrophenol	10.11	139	126296	56.841	ng	96
57) 2,4-Dinitrotoluene	10.19	165	202809	63.247	ng	93
58) Fluorene	10.54	166	624153	59.524	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	157138	57.161	ng	98
60) Diethylphthalate	10.40	149	675162	59.015	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	325559	58.855	ng	97
62) 4-Nitroaniline	10.57	138	181095	60.650	ng	93
63) Azobenzene	10.69	77	665816	58.631	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	96451	71.160	ng	89
66) n-Nitrosodiphenylamine	10.65	169	585943	60.215	ng	96
67) 4-Bromophenyl-phenylether	11.02	248	192819	59.918	ng	91
68) Hexachlorobenzene	11.09	284	203396	59.570	ng	# 87
69) Atrazine	11.17	200	152419	49.565	ng	99
70) Pentachlorophenol	11.29	266	116948	58.739	ng	96
71) Phenanthrene	11.51	178	906539	58.399	ng	100
72) Anthracene	11.56	178	924036	59.387	ng	99
73) Carbazole	11.72	167	871420	57.360	ng	99
74) Di-n-butylphthalate	12.03	149	1029871	60.022	ng	99
75) Fluoranthene	12.70	202	904144	57.390	ng	99
77) Benzidine	12.82	184	273449	41.948	ng	99
78) Pyrene	12.94	202	914545	66.619	ng	100
80) Butylbenzylphthalate	13.53	149	392589	65.887	ng	99
81) Benzo(a)anthracene	14.13	228	680939	59.966	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	201557	50.973	ng	99
83) Chrysene	14.16	228	640268	59.364	ng	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	473003	58.724	ng	99
85) Di-n-octyl phthalate	14.70	149	695640	55.543	ng	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	509059	56.893	ng	97
88) Benzo(b)fluoranthene	15.21	252	507100	61.334	ng	99
89) Benzo(k)fluoranthene	15.21	252	507100	62.388	ng	99
90) Benzo(a)pyrene	15.60	252	454861	59.789	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	420762	64.097	ng	99
92) Benzo(g,h,i)perylene	17.72	276	426140	65.878	ng	97

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

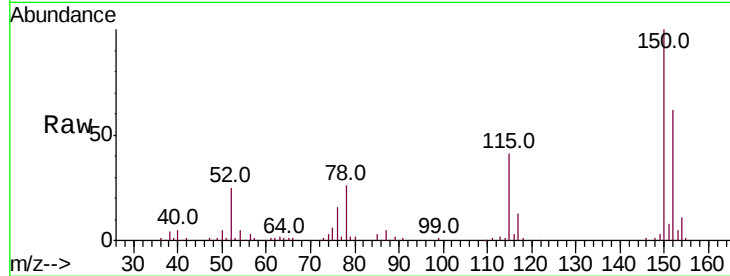


#1

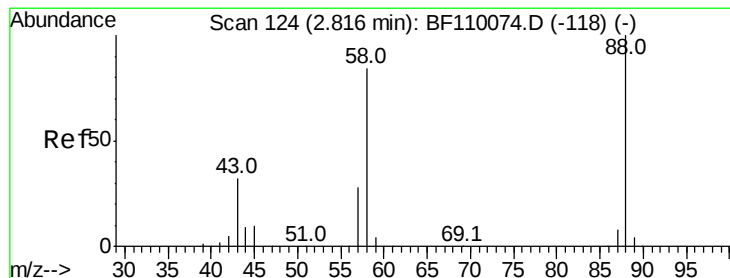
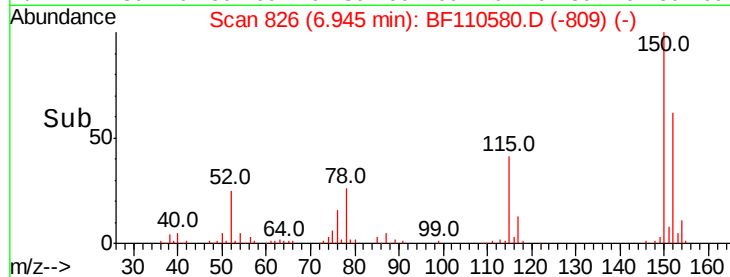
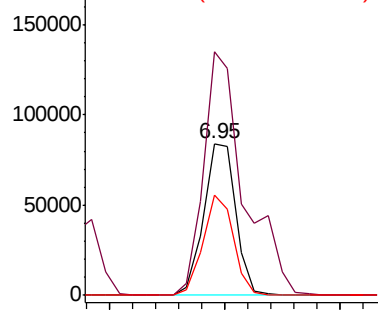
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81517
Ion Ratio Lower Upper
152 100
150 160.3 122.7 184.1
115 65.8 49.1 73.7



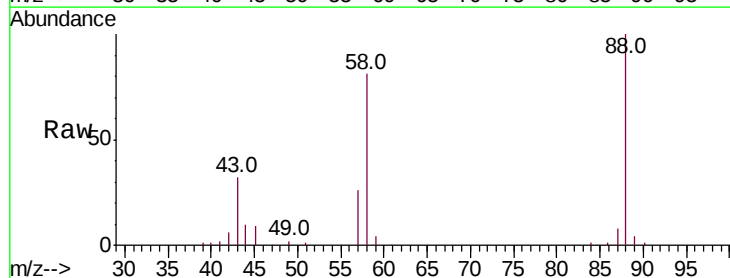
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



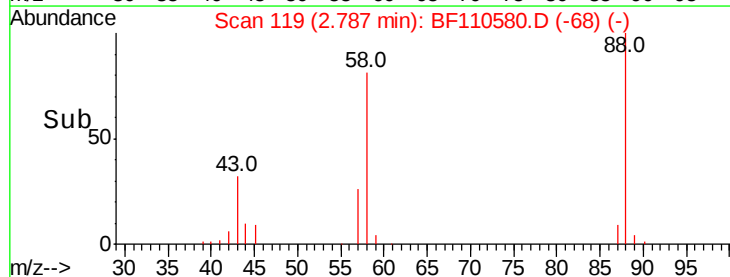
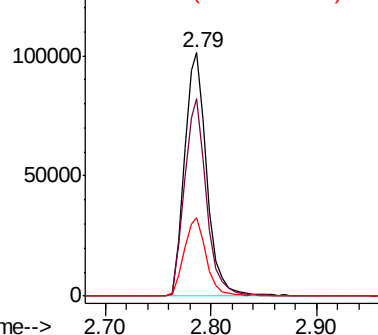
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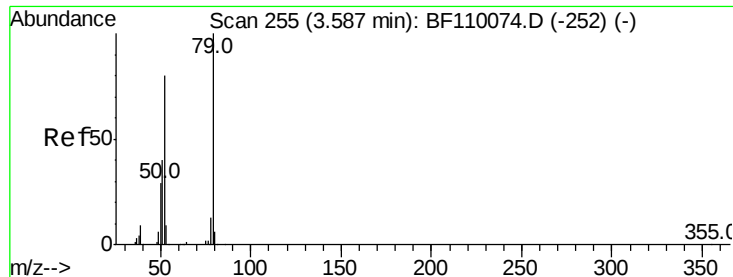
1,4-Dioxane
Concen: 57.195 ng
RT: 2.79 min Scan# 119
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion: 88 Resp: 150004
Ion Ratio Lower Upper
88 100
58 80.1 57.1 85.7
43 32.0 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: 58.332 ng

RT: 3.57 min Scan# 252

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

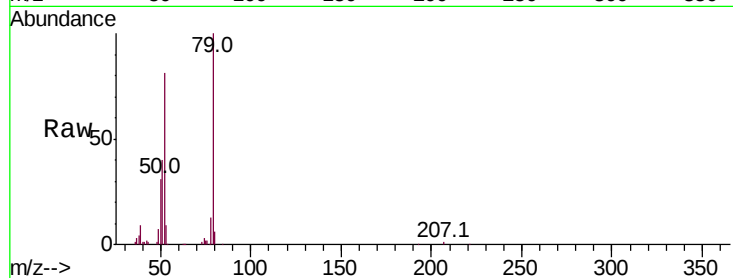
Tot Ion: 79 Resp: 340746

Ion Ratio Lower Upper

79 100

52 81.4 53.1 79.7#

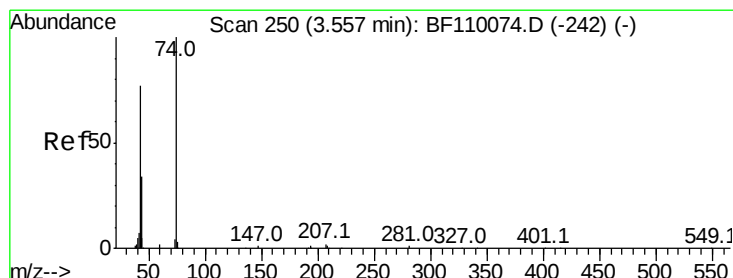
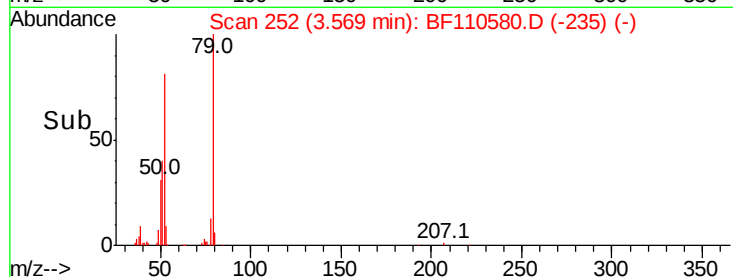
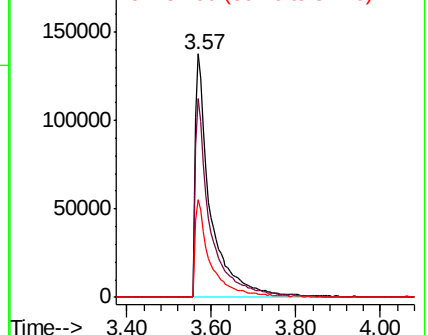
51 40.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 60.864 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

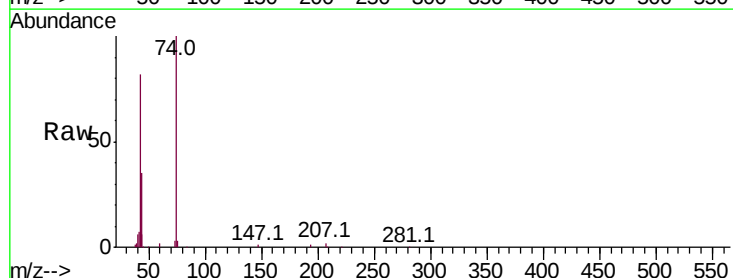
Tgt Ion: 42 Resp: 148956

Ion Ratio Lower Upper

42 100

74 122.4 105.5 158.3

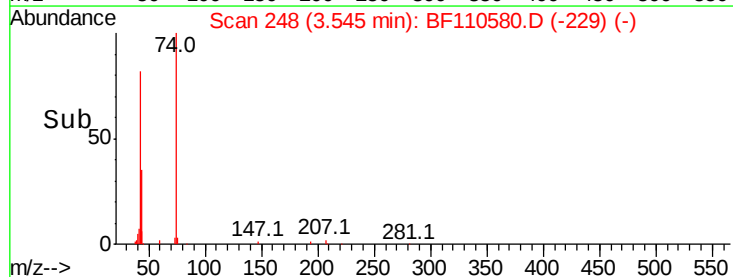
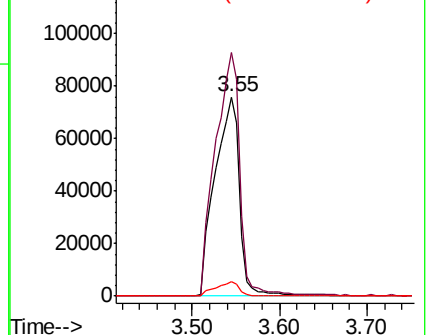
44 7.2 4.9 7.3

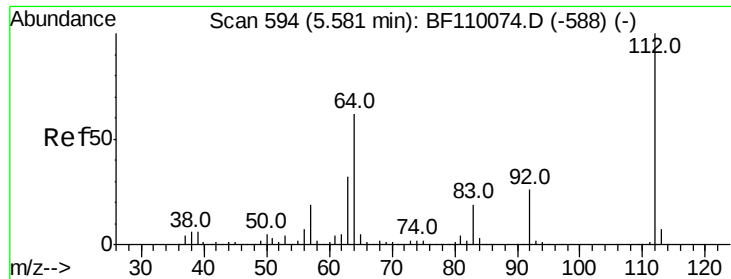


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.517 ng

RT: 5.57 min Scan# 592

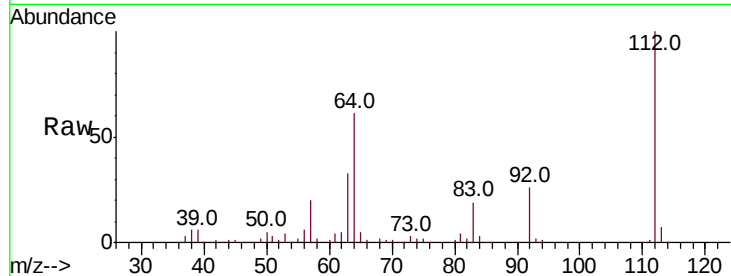
Delta R.T. 0.01 min

Lab File: BF110580.D

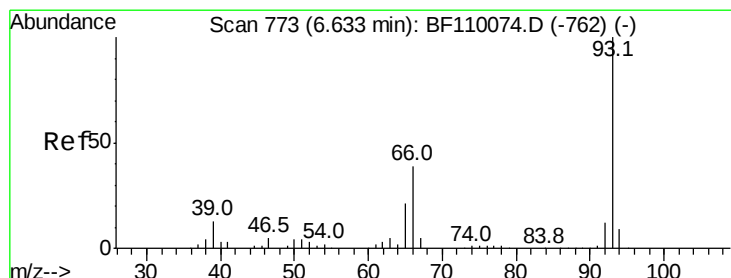
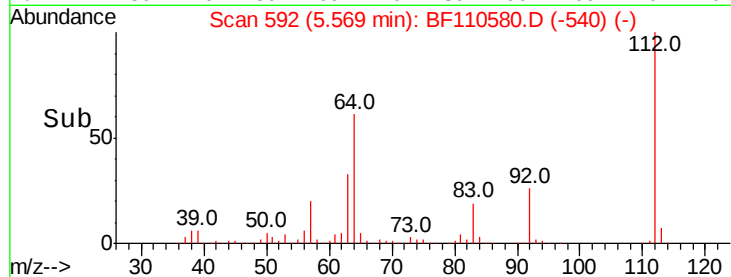
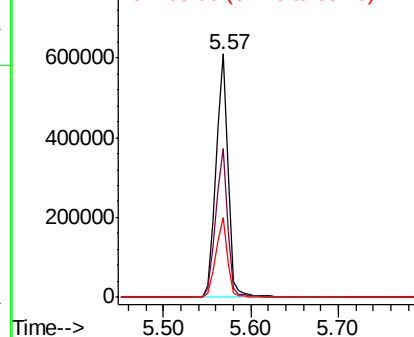
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	593270
Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	32.5	23.7	35.5



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



#6

Aniline

Concen: 57.863 ng

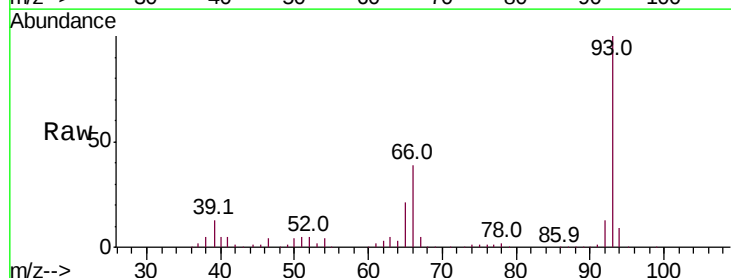
RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

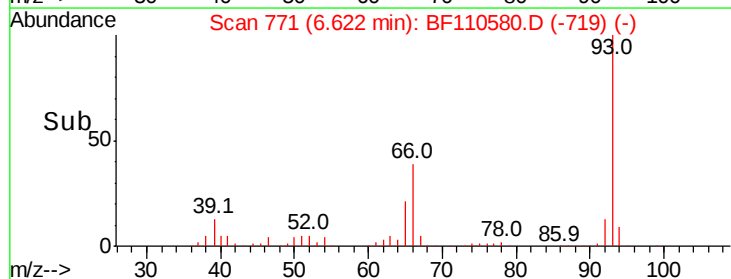
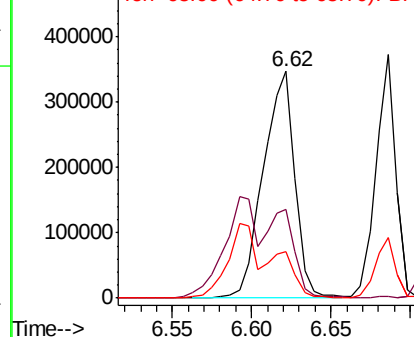
Lab File: BF110580.D

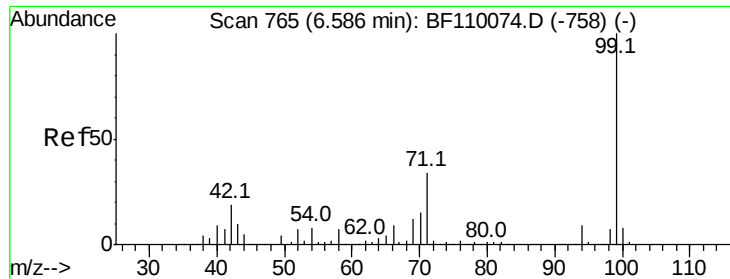
Acq: 8 Nov 2018 13:03

Tgt Ion:	93	Resp:	482618
Ion	Ratio	Lower	Upper
93	100		
66	39.3	67.4	101.0#
65	20.8	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: 116.861 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

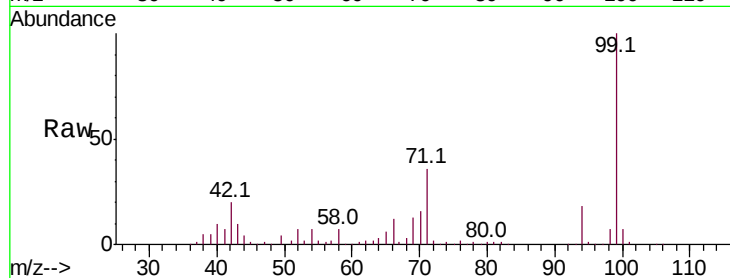
Tot Ion: 99 Resp: 748235

Ion Ratio Lower Upper

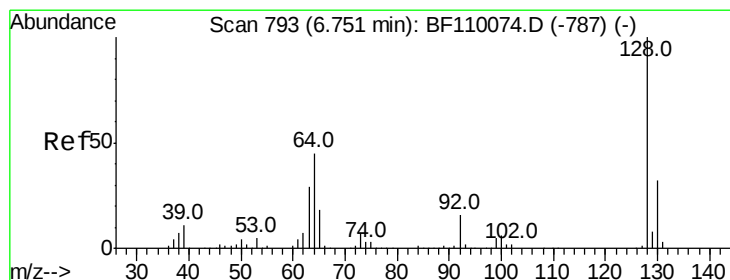
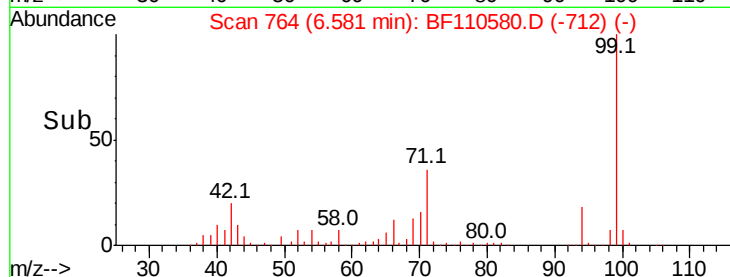
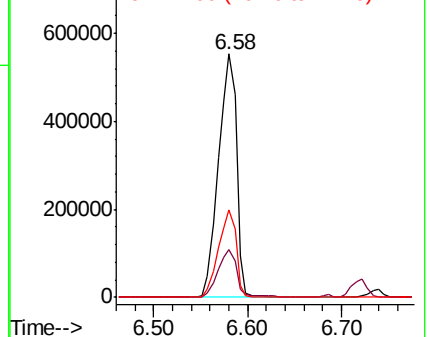
99 100

42 19.7 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: 59.773 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

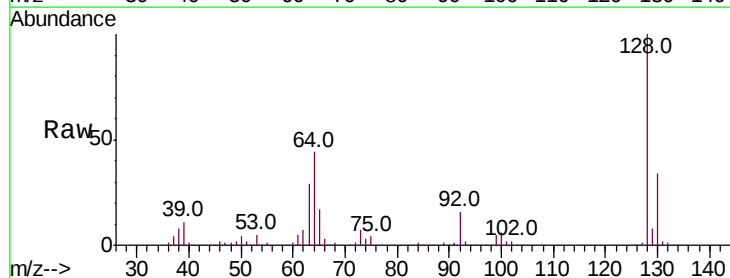
Tgt Ion:128 Resp: 344965

Ion Ratio Lower Upper

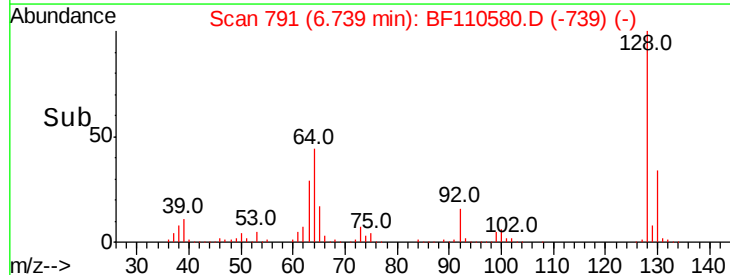
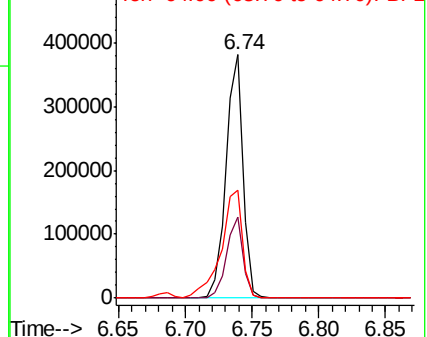
128 100

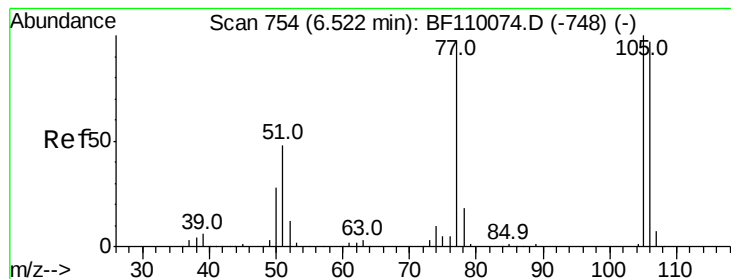
130 33.5 13.1 53.1

64 44.3 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.833 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampled :

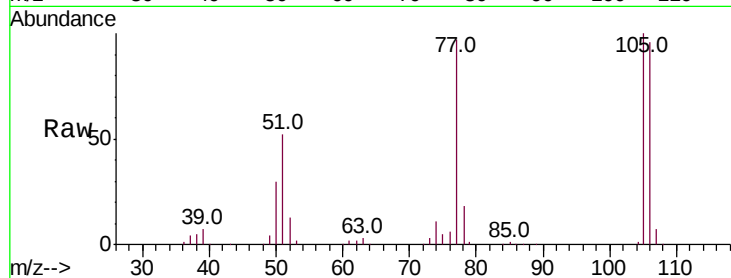
Tot Ion: 77 Resp: 178165

Ion Ratio Lower Upper

77 100

105 102.7 78.6 118.6

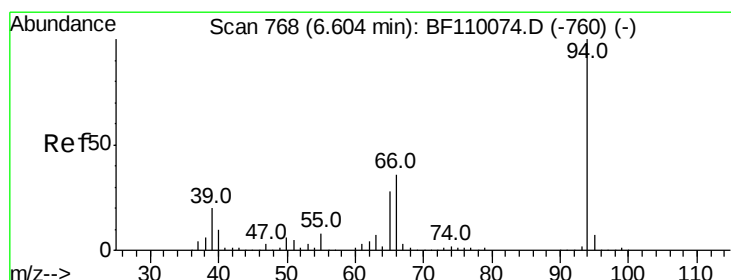
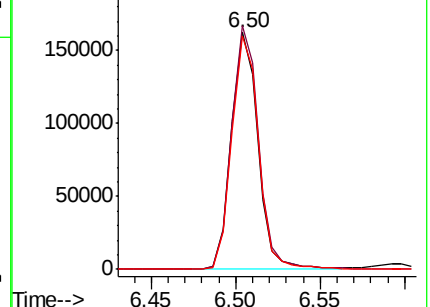
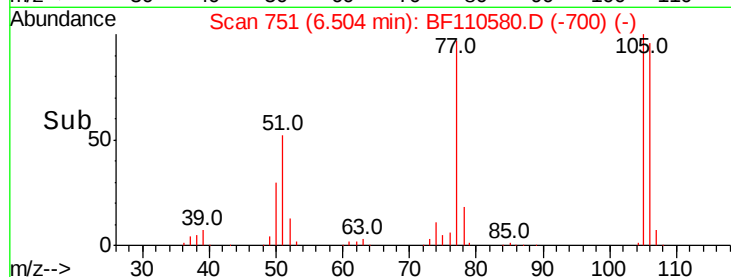
106 98.3 74.8 114.8



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: 63.678 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

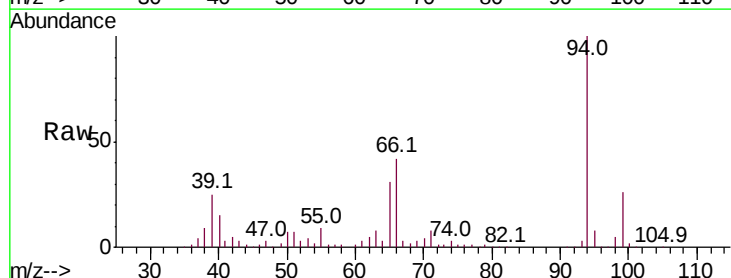
Tgt Ion: 94 Resp: 435819

Ion Ratio Lower Upper

94 100

65 31.1 25.3 65.3

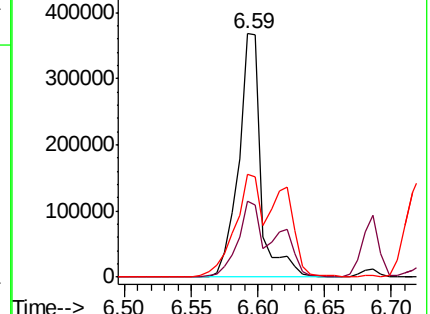
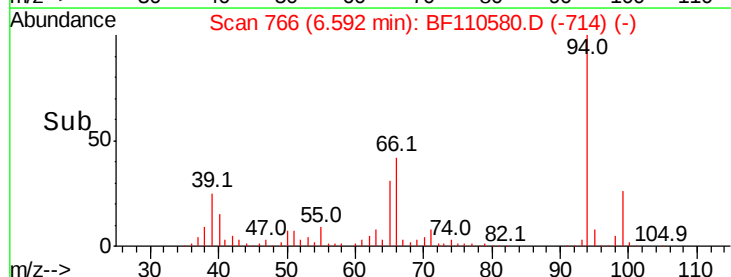
66 42.0 54.5 94.5#

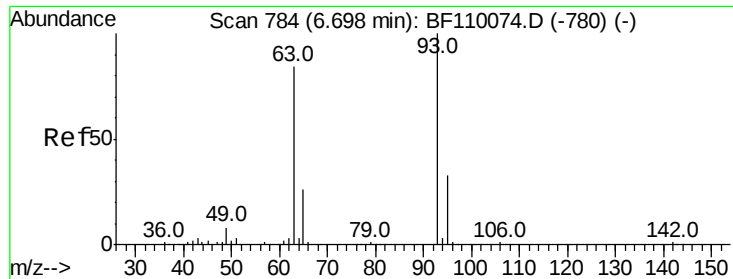


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 57.578 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

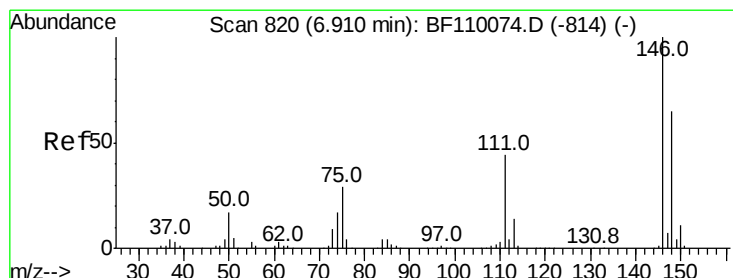
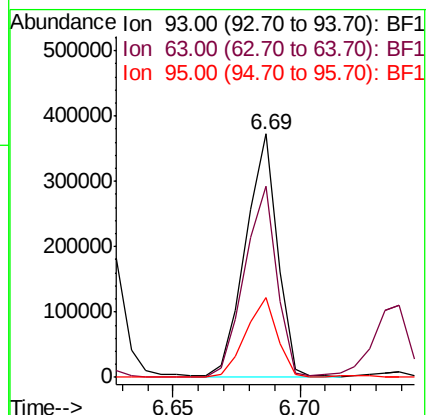
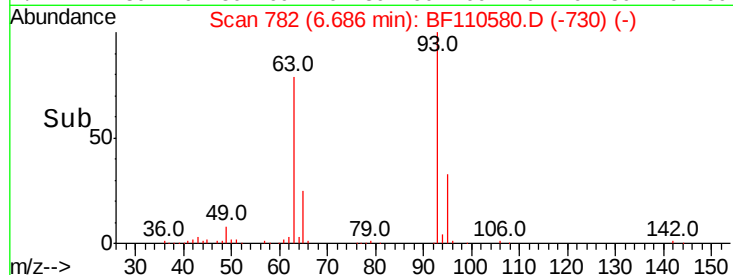
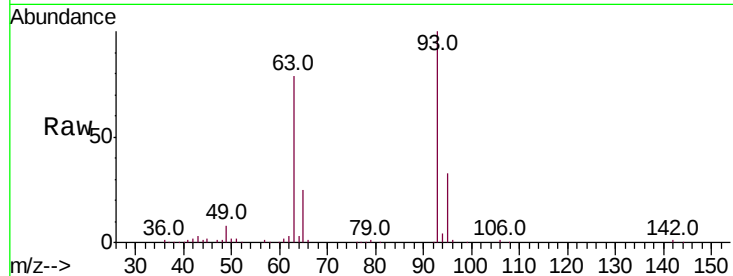
Tot Ion: 93 Resp: 324212

Ion Ratio Lower Upper

93 100

63 78.7 53.4 93.4

95 32.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 59.738 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

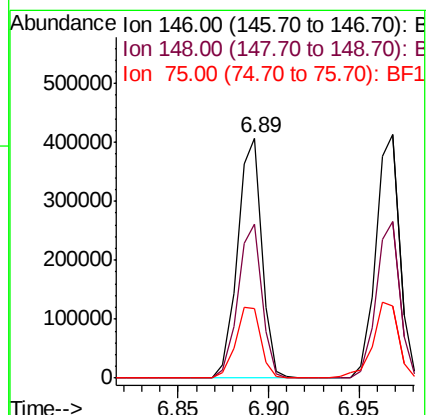
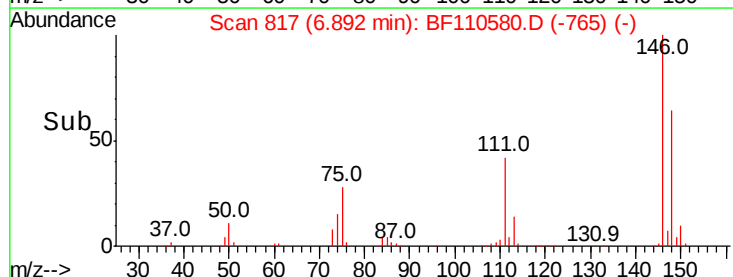
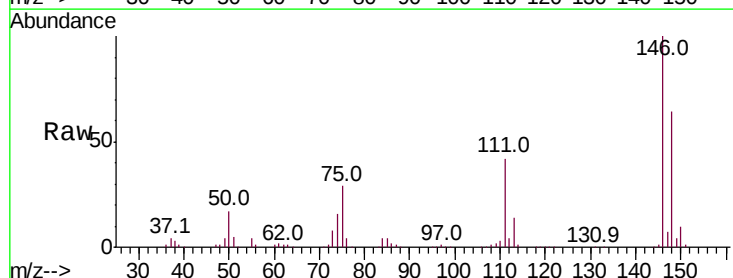
Tgt Ion: 146 Resp: 379406

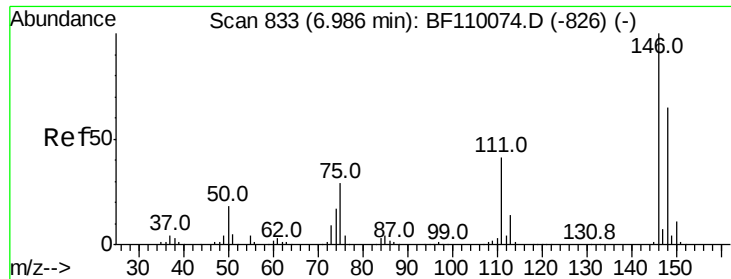
Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

75 29.2 25.8 38.6

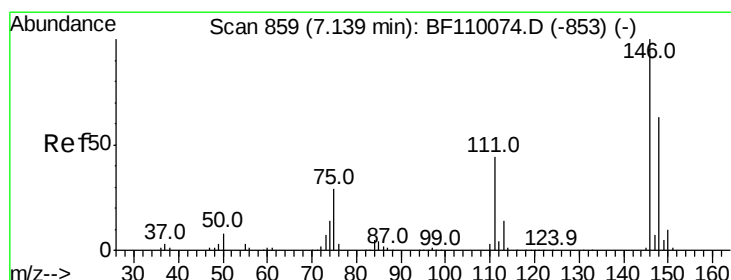
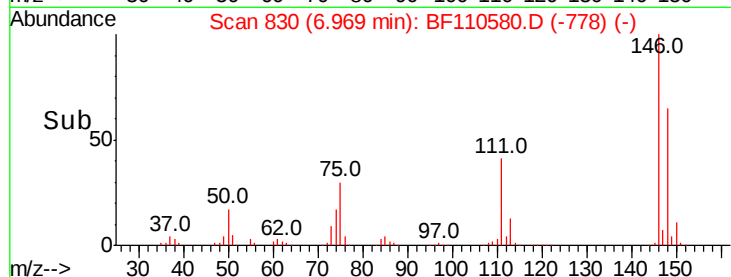
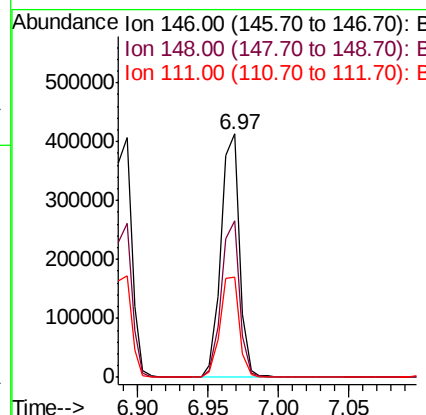
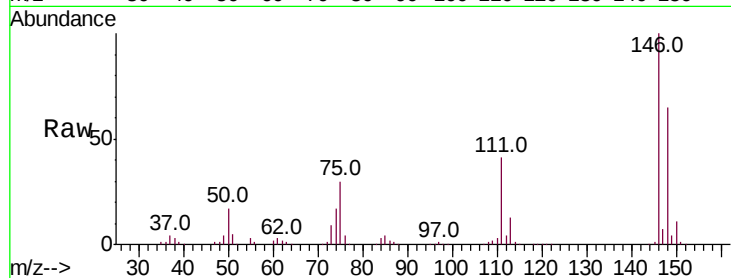




#13
 1,4-Dichlorobenzene
 Concen: 59.175 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

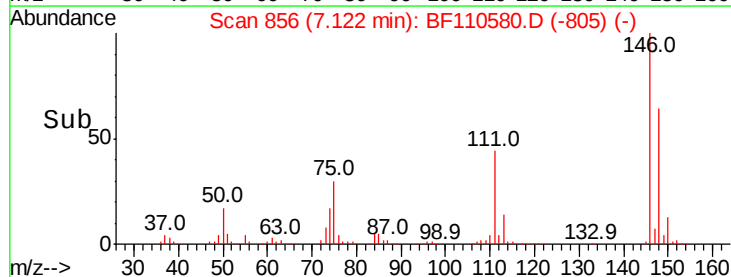
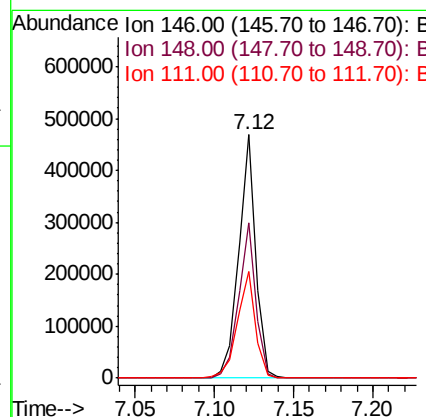
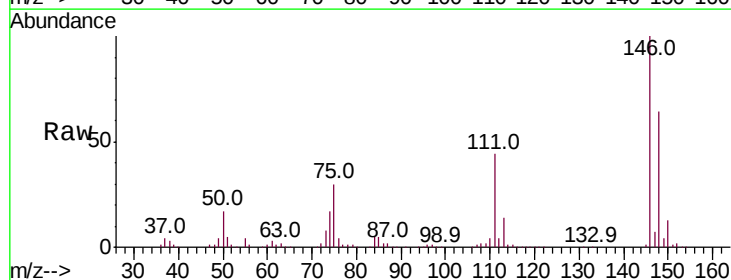
Instrument :
 BNA_F
 ClientSampleId :

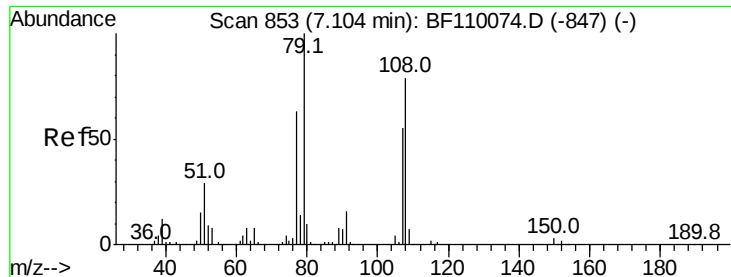
Tot Ion:146 Resp: 380104
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 41.1 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 58.858 ng
 RT: 7.12 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Tgt Ion:146 Resp: 350972
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 43.6 35.8 53.6





#15

Benzyl Alcohol

Concen: 60.314 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

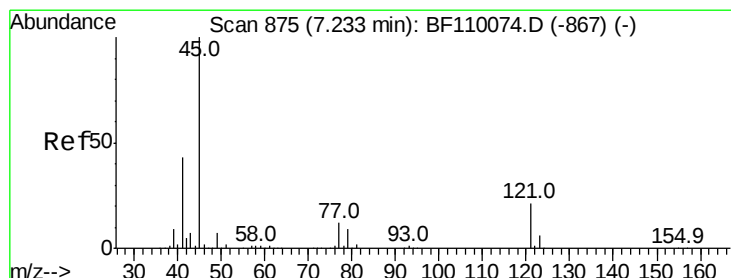
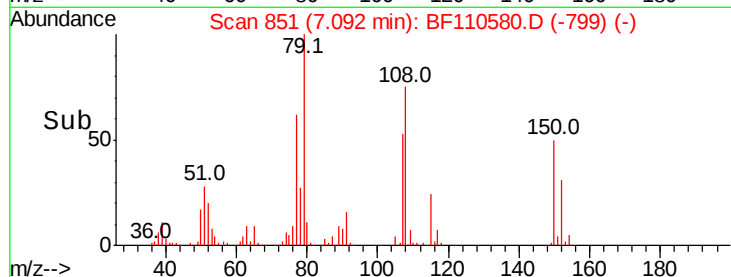
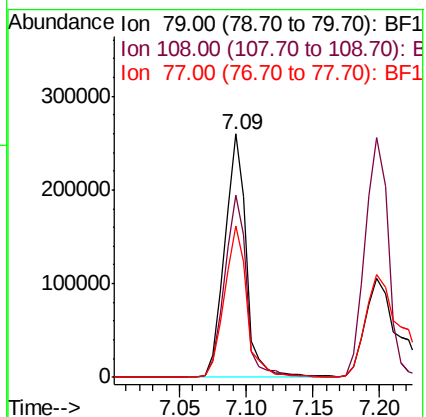
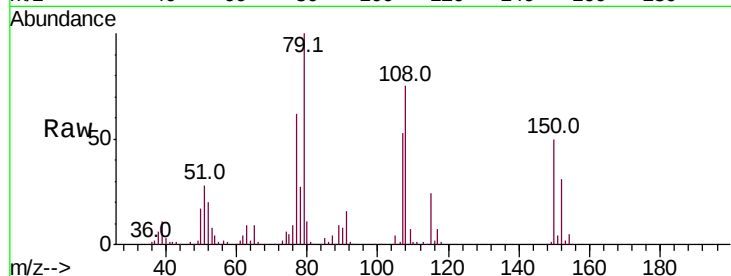
Tot Ion: 79 Resp: 297019

Ion Ratio Lower Upper

79 100

108 74.9 56.3 84.5

77 62.2 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 56.222 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

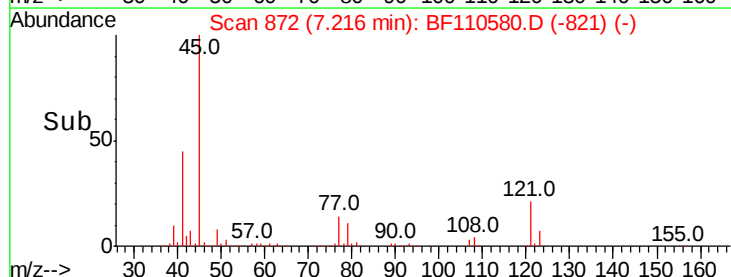
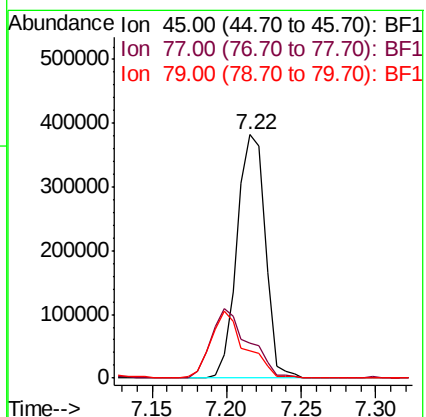
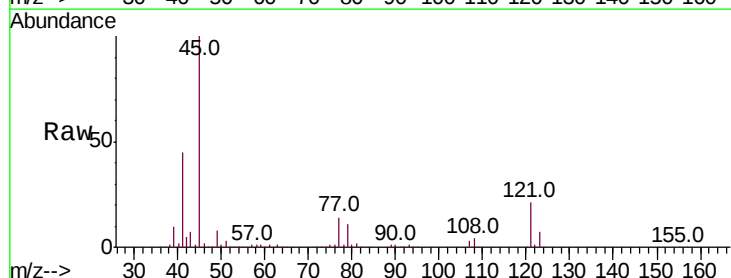
Tgt Ion: 45 Resp: 506162

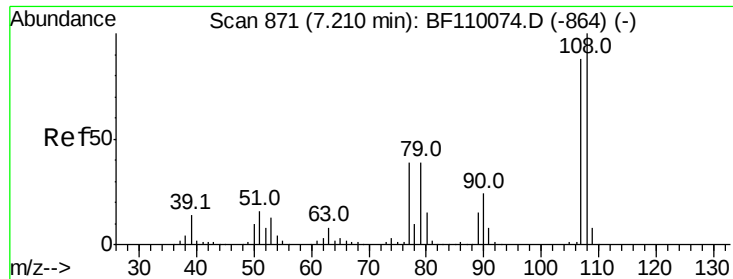
Ion Ratio Lower Upper

45 100

77 14.2 10.0 50.0

79 11.2 6.1 46.1

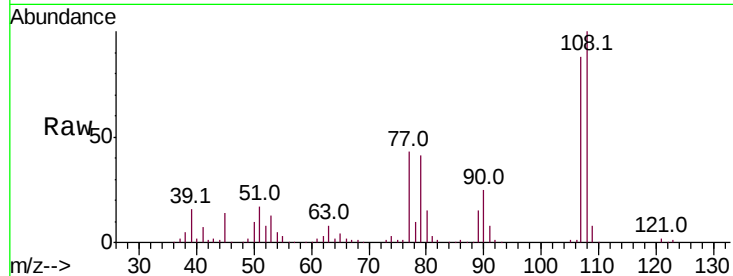




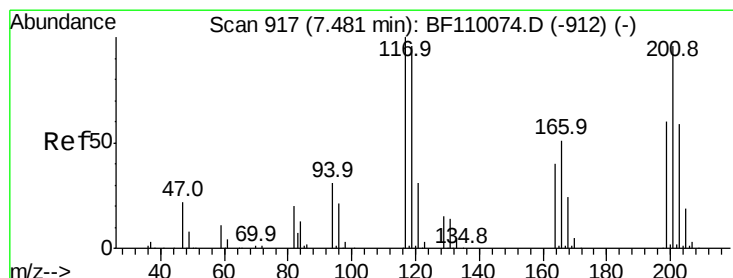
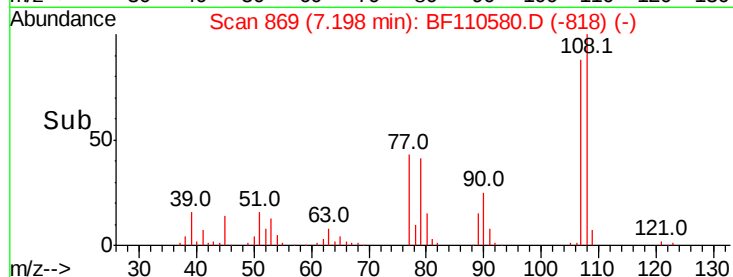
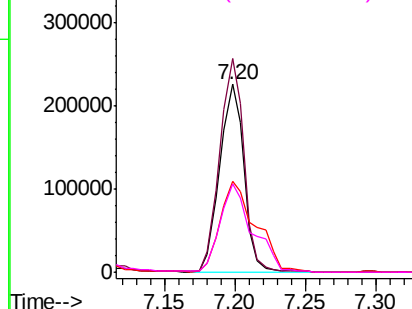
#17
2-Methylphenol
Concen: 58.652 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 269766
Ion Ratio Lower Upper
107 100
108 113.9 92.6 138.8
77 48.6 59.4 89.2#
79 47.1 54.0 81.0#

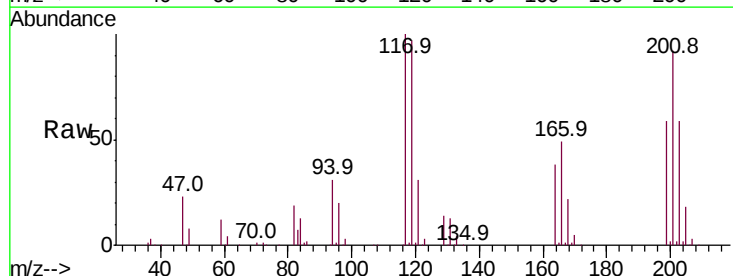


Abundance Ion 107.00 (106.70 to 107.70): E
400000 Ion 108.00 (107.70 to 108.70): E
300000 Ion 77.00 (76.70 to 77.70): BF1
200000 Ion 79.00 (78.70 to 79.70): BF1
100000
0

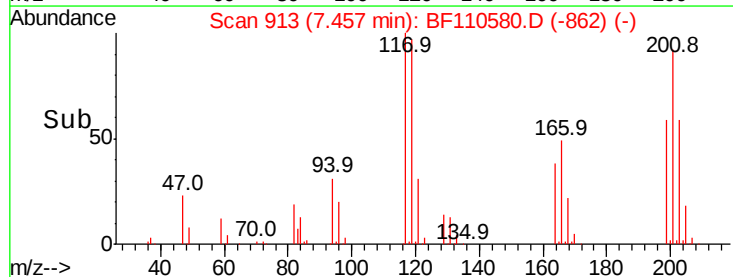
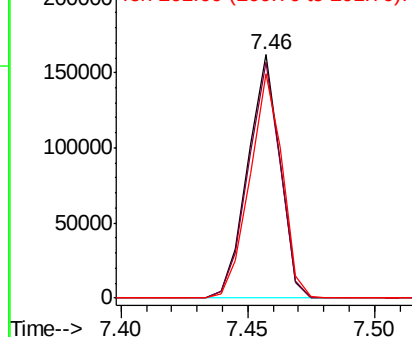


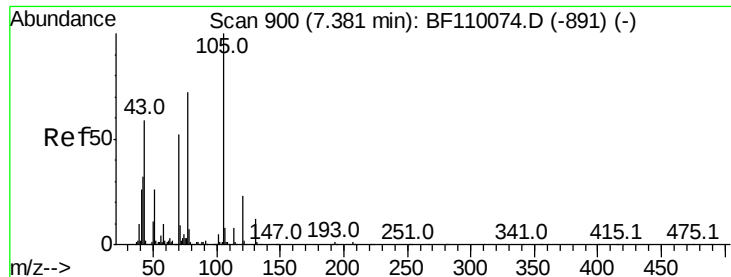
#18
Hexachloroethane
Concen: 60.657 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:117 Resp: 142648
Ion Ratio Lower Upper
117 100
119 96.8 75.0 112.6
201 92.0 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
200000 Ion 119.00 (118.70 to 119.70): E
150000 Ion 201.00 (200.70 to 201.70): E
100000
50000
0

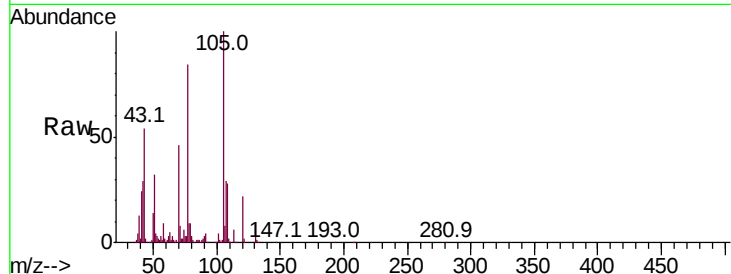




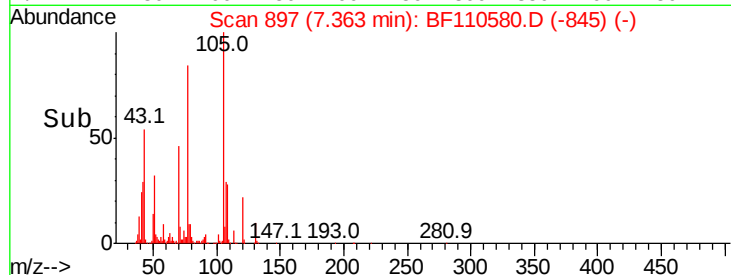
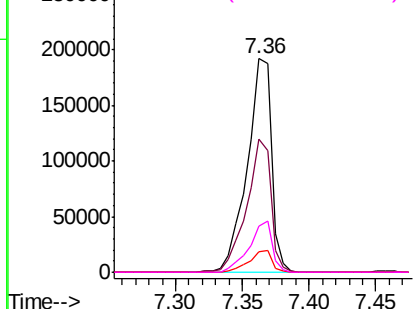
#19
n-Nitroso-di-n-propylamine
Concen: 58.177 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	238970
Ion	Ratio	Lower	Upper
70	100		
42	62.2	47.4	71.2
101	9.6	7.3	10.9
130	21.4	16.2	24.2

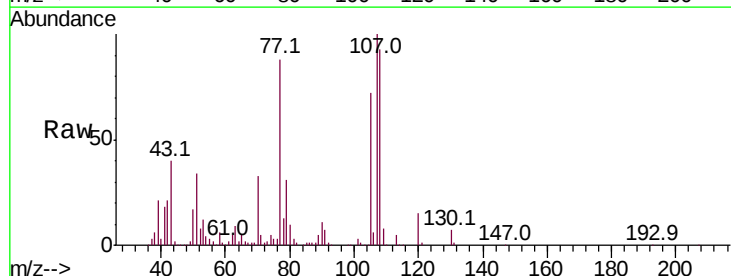
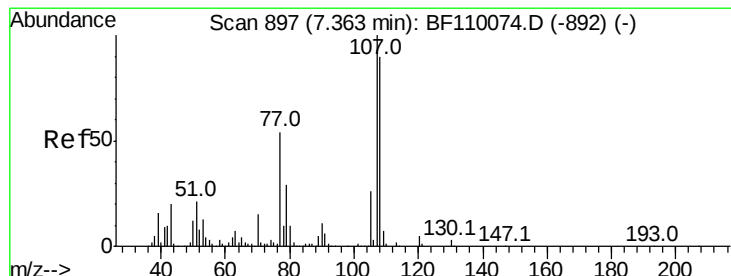


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

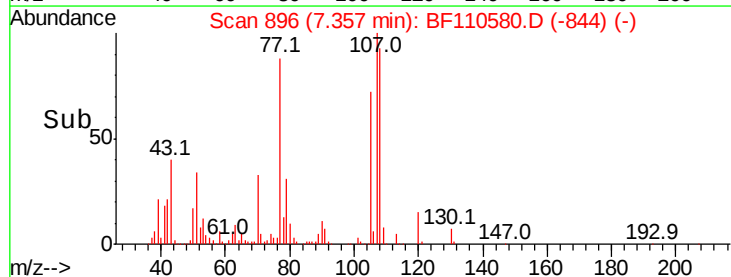
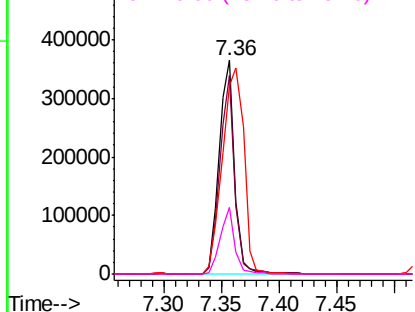


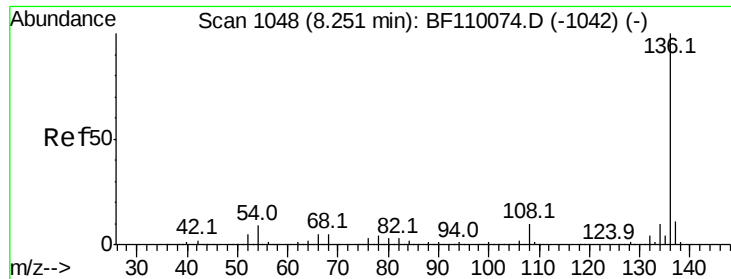
#20
3+4-Methylphenols
Concen: 57.277 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:	107	Resp:	340529
Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.4	111.4
77	88.2	47.3	87.3#
79	31.4	10.9	50.9



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

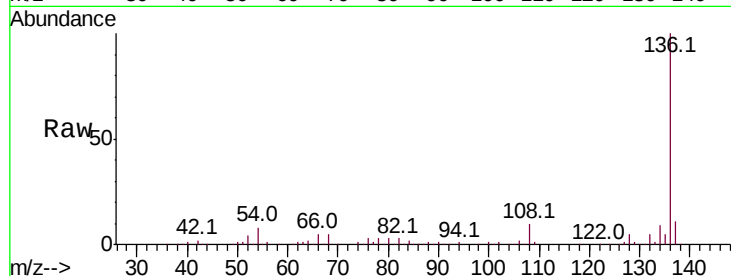




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	342394
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	5.4	8.2
68	4.7	4.2	6.2



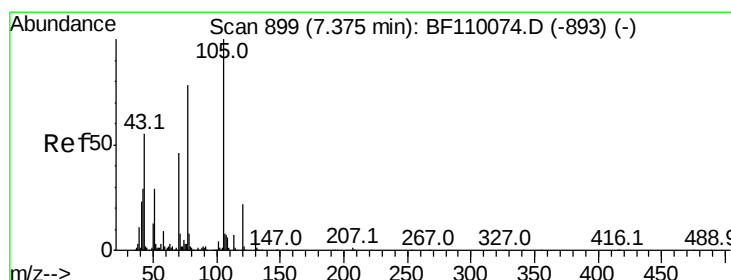
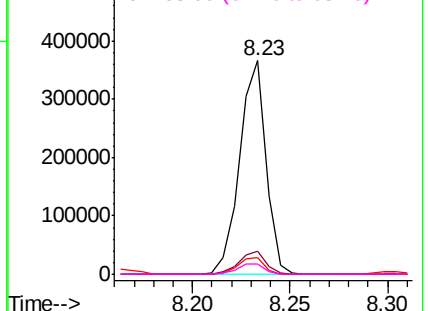
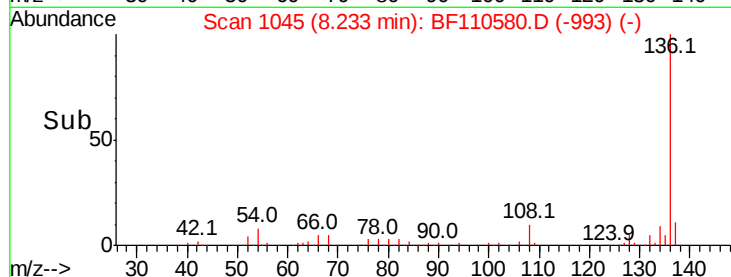
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

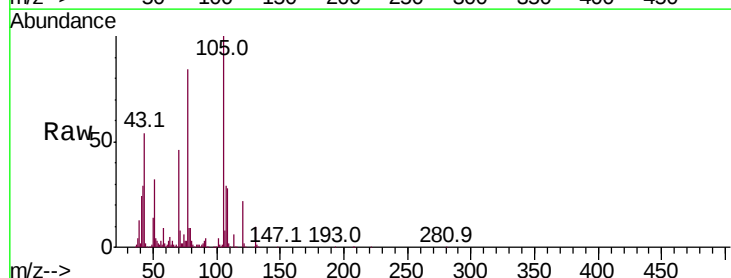
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 58.705 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:	105	Resp:	463155
Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.2	7.8
51	31.7	21.8	32.8
120	21.8	17.0	25.4



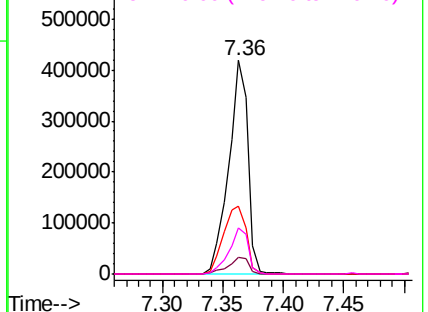
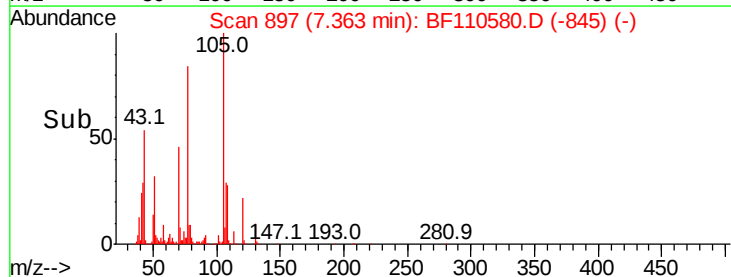
Abundance

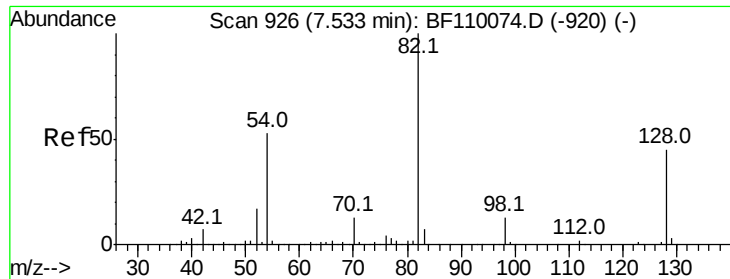
Ion 105.00 (104.70 to 105.70): E

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

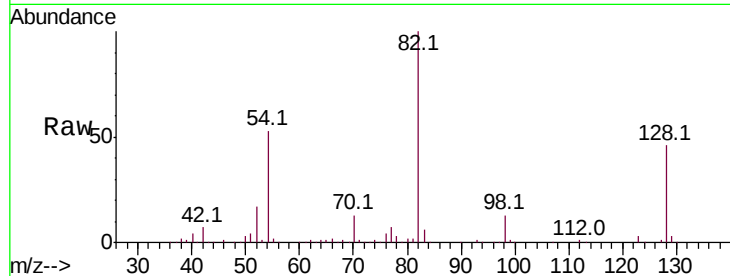




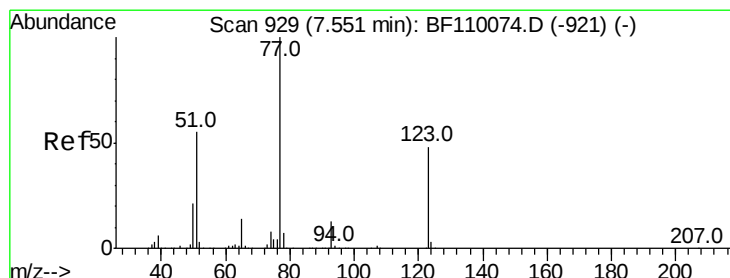
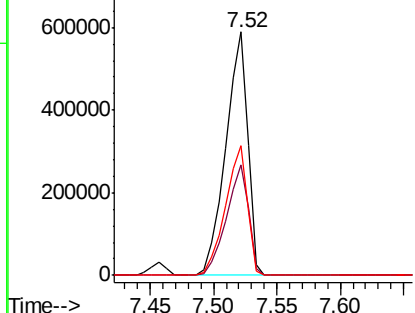
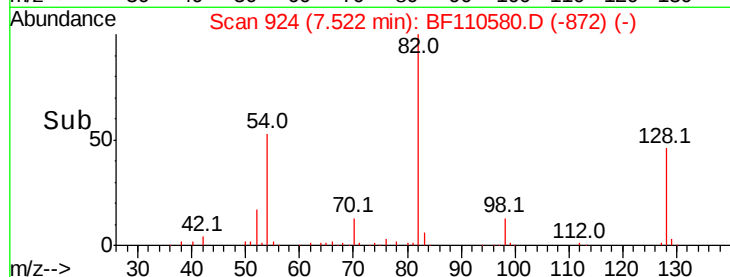
#23
Nitrobenzene-d5
Concen: 121.962 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	704046
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.2	51.2
54	53.4	38.6	58.0

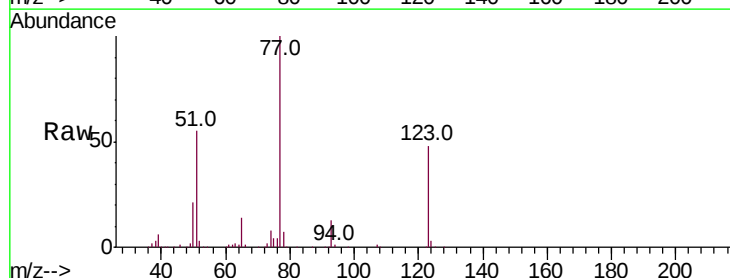


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

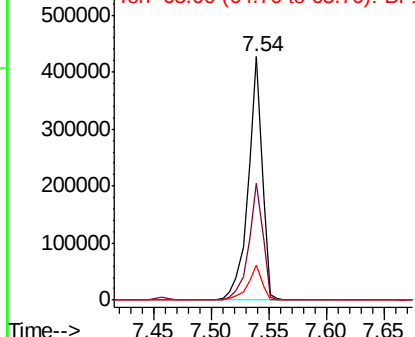
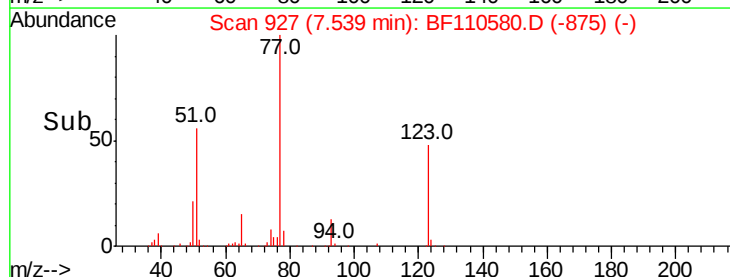


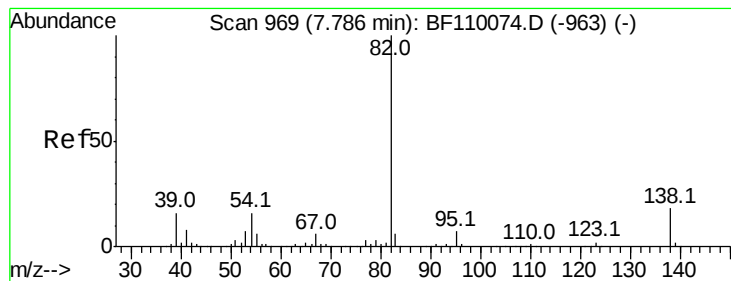
#24
Nitrobenzene
Concen: 60.076 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion	77	Resp	358045
Ion Ratio	Lower	Upper	
77	100		
123	48.1	35.7	53.5
65	14.4	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: 58.651 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

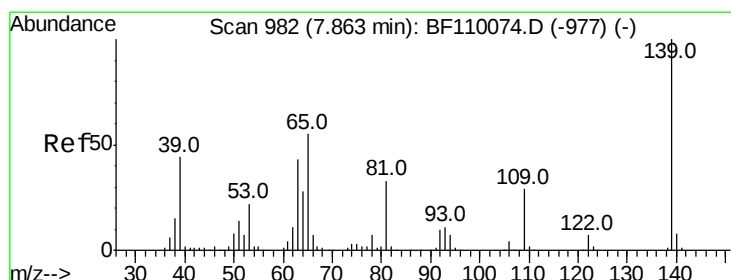
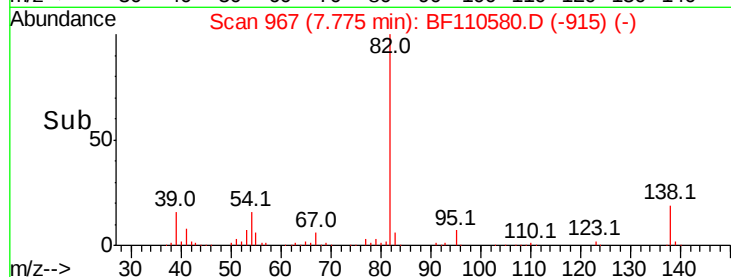
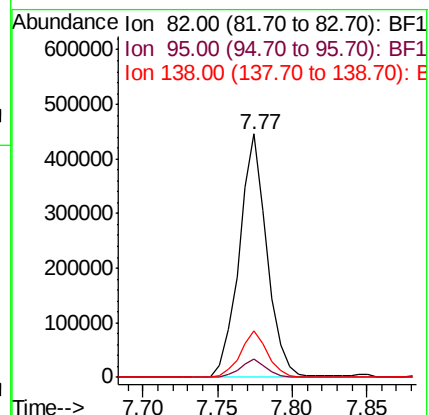
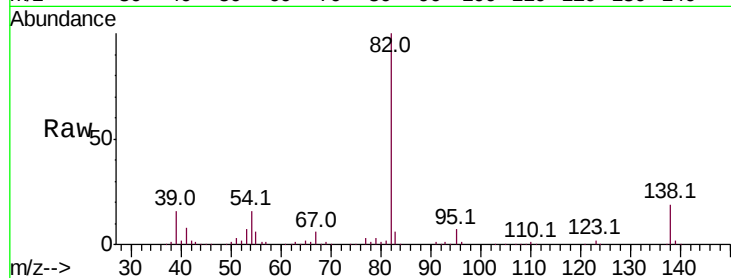
Tot Ion: 82 Resp: 577132

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 18.8 13.2 19.8



#26

2-Nitrophenol

Concen: 66.339 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

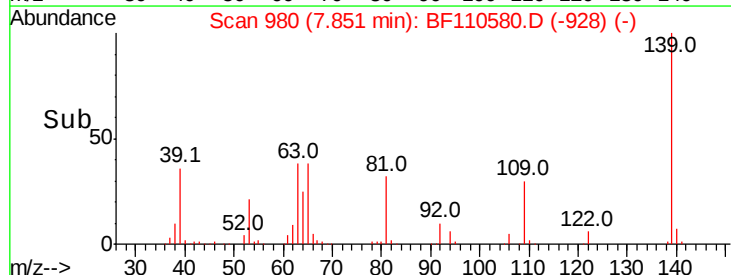
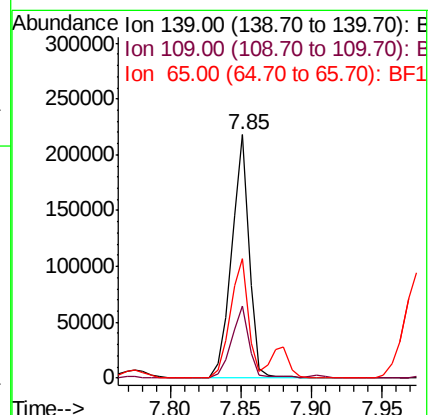
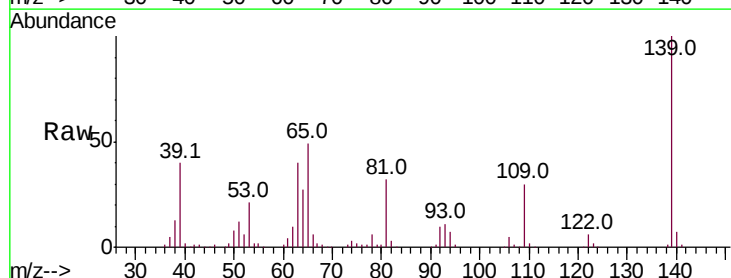
Tgt Ion: 139 Resp: 188142

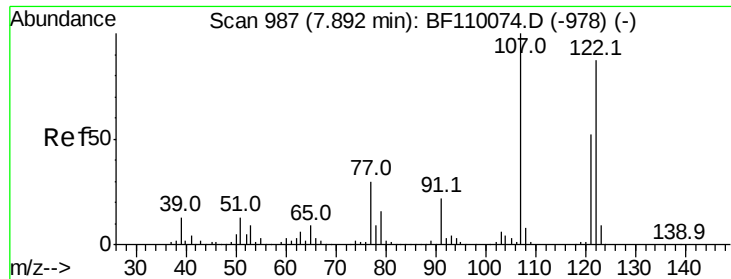
Ion Ratio Lower Upper

139 100

109 29.6 25.0 37.6

65 48.8 44.0 66.0

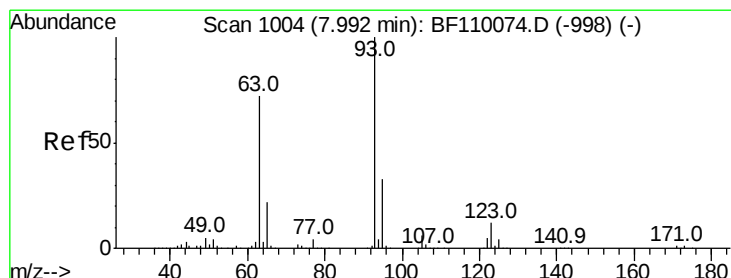
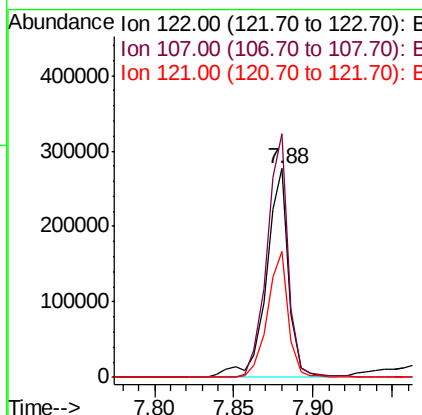
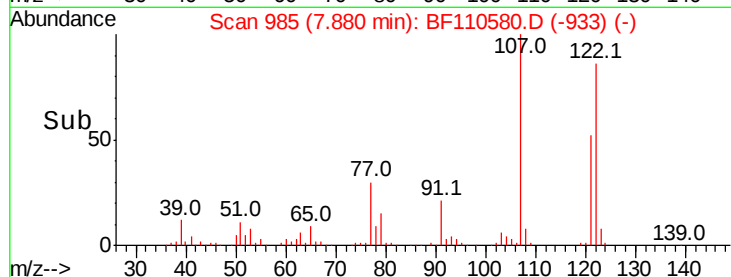
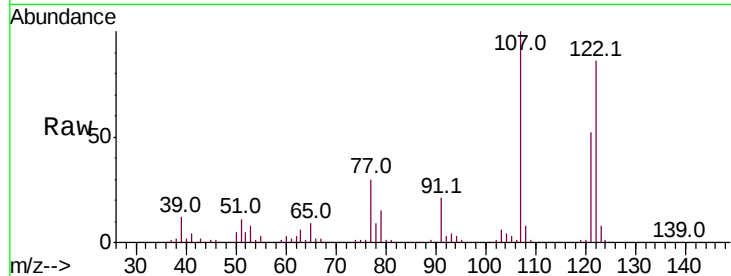




#27
2,4-Dimethylphenol
Concen: 57.981 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

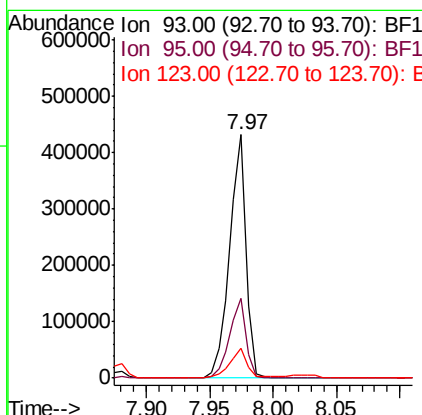
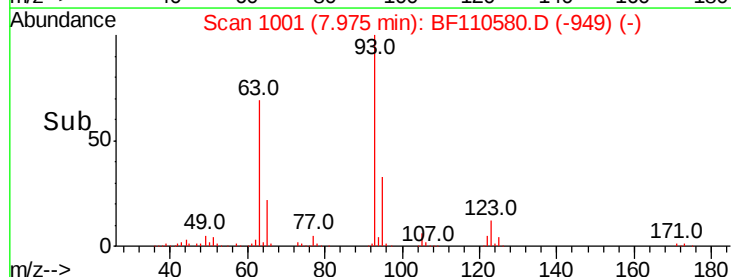
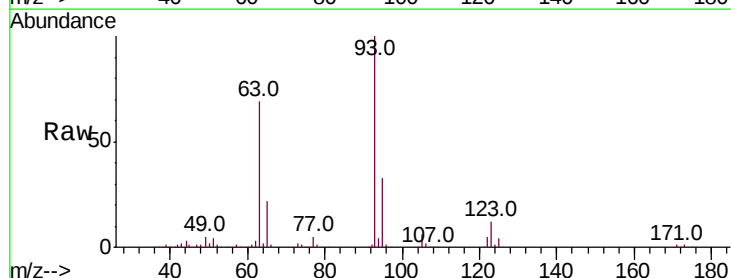
Instrument :
BNA_F
ClientSampleId :

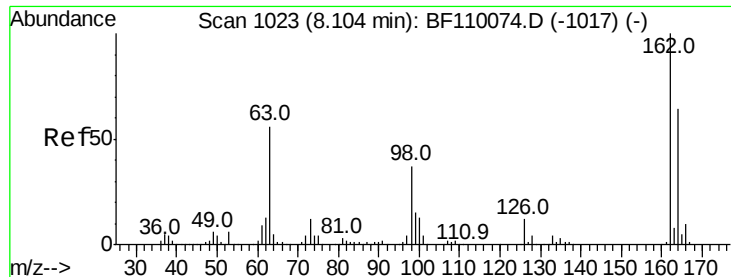
Tot Ion:122 Resp: 272633
Ion Ratio Lower Upper
122 100
107 116.6 92.5 138.7
121 60.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 57.710 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion: 93 Resp: 385776
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 12.3 9.0 13.6

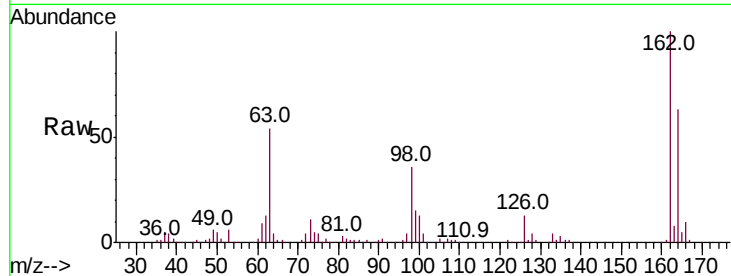




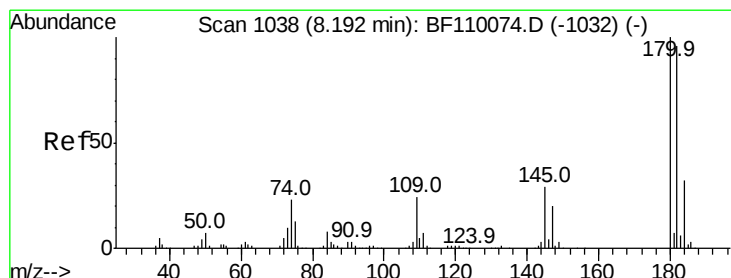
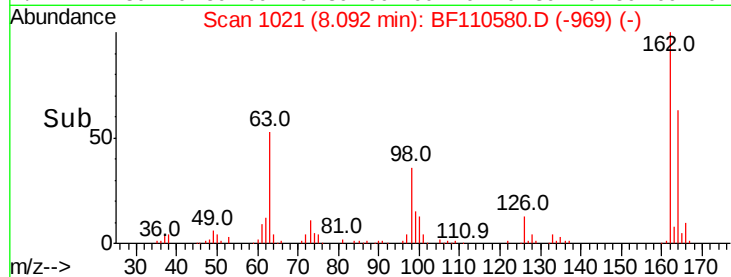
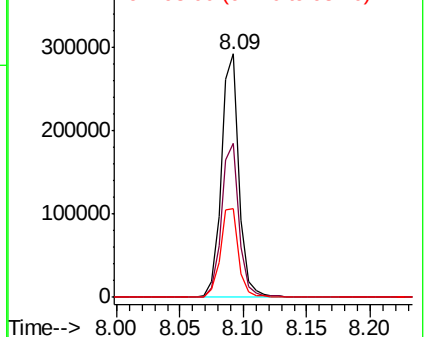
#29
 2,4-Dichlorophenol
 Concen: 59.872 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	36.4	17.4	57.4

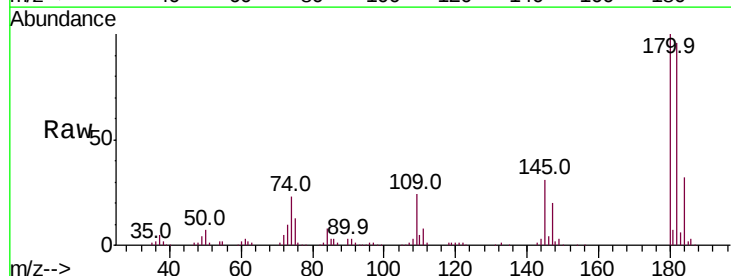


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

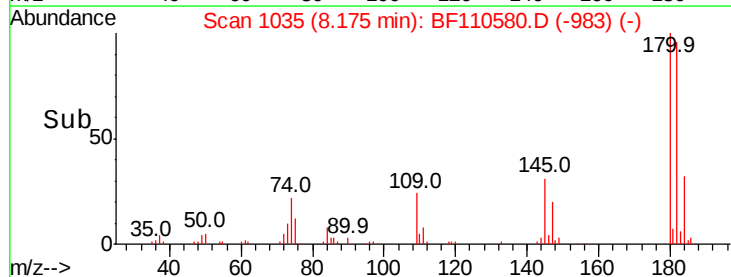
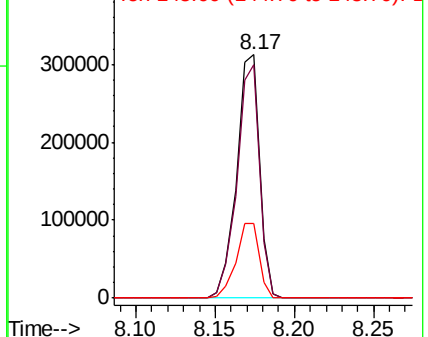


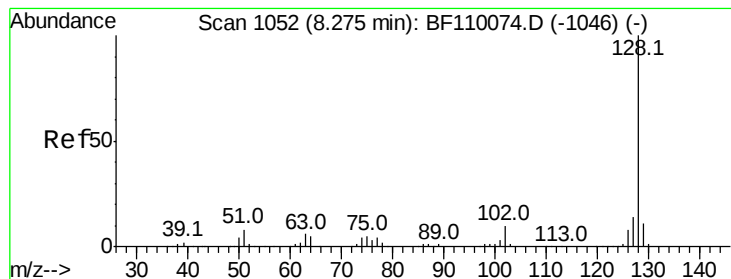
#30
 1,2,4-Trichlorobenzene
 Concen: 59.048 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	80.3	120.5
145	30.7	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: 58.574 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

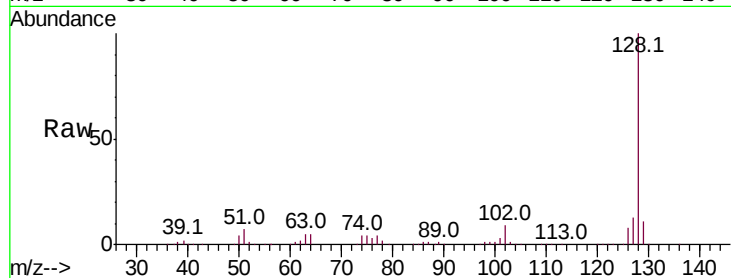
Tot Ion:128 Resp: 924327

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

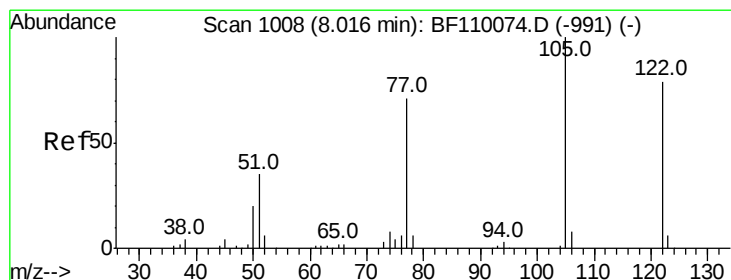
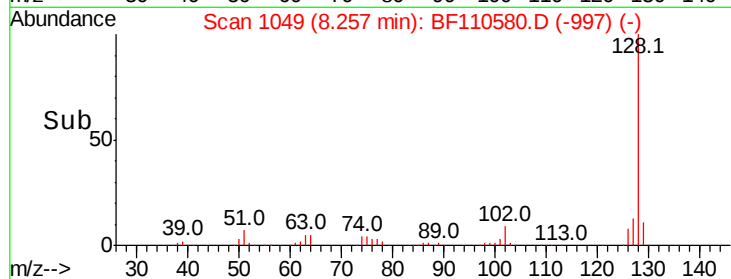
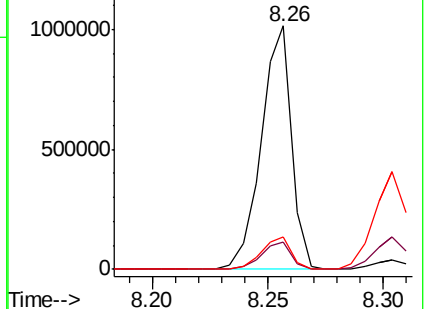
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.789 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

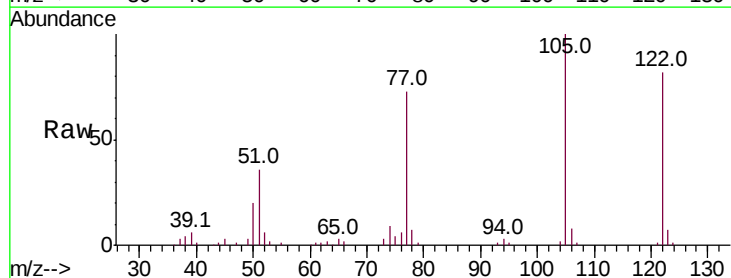
Tgt Ion:122 Resp: 199111

Ion Ratio Lower Upper

122 100

105 121.7 109.0 149.0

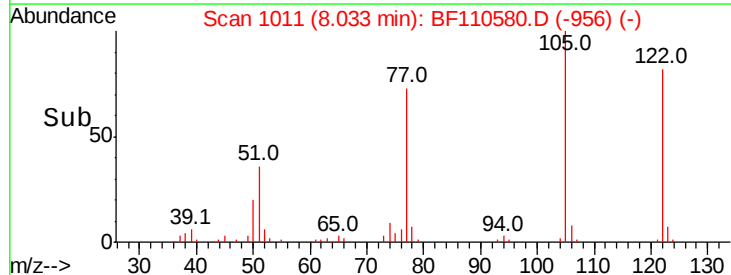
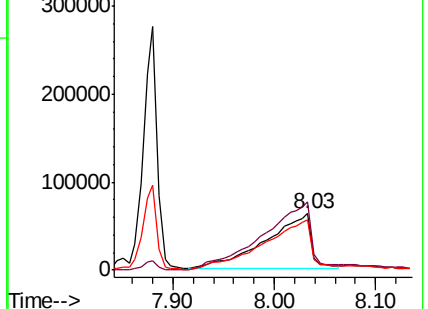
77 88.9 79.0 119.0

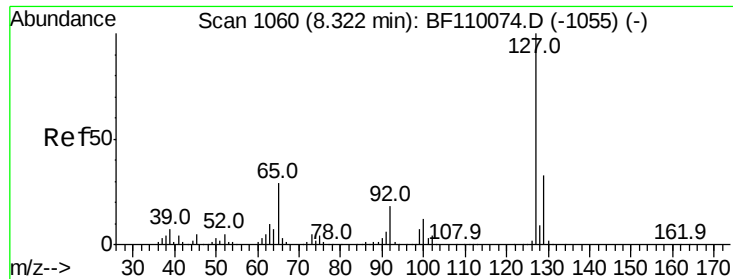


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

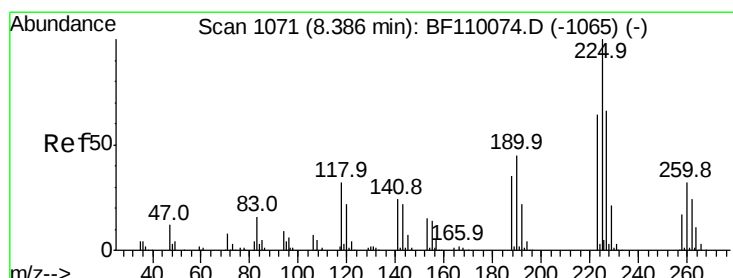
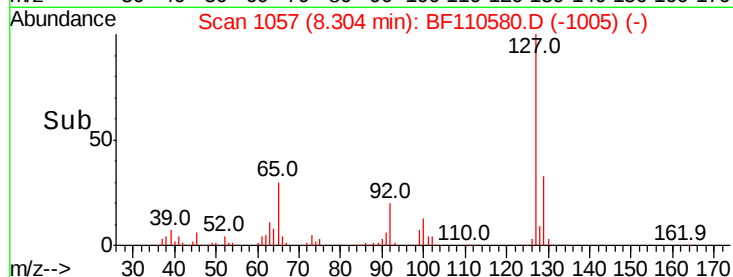
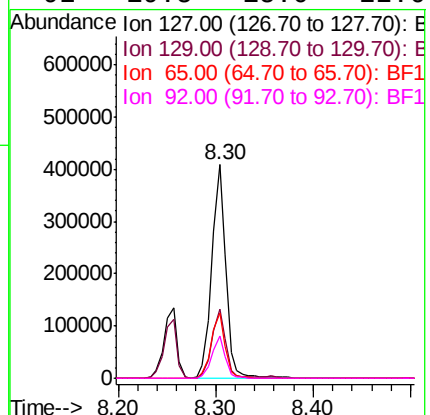
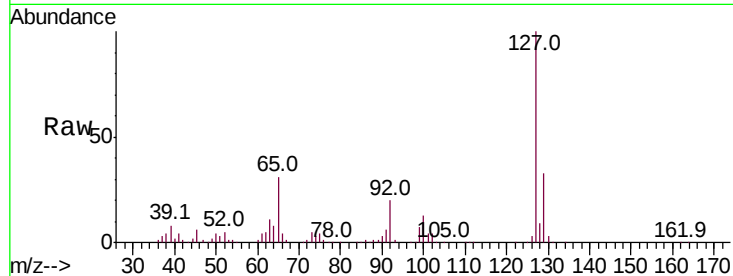




#33
4-Chloroaniline
Concen: 57.850 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

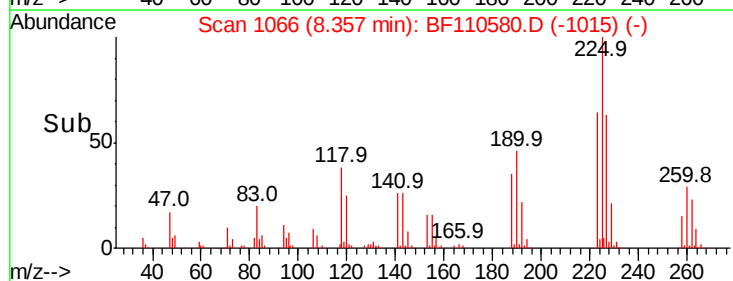
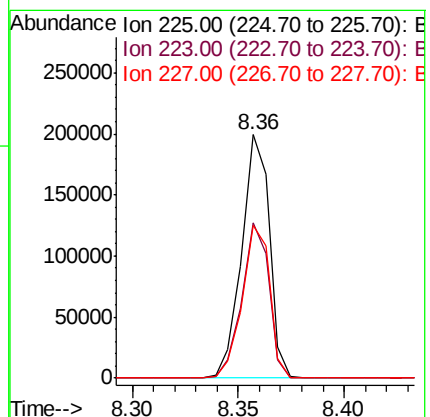
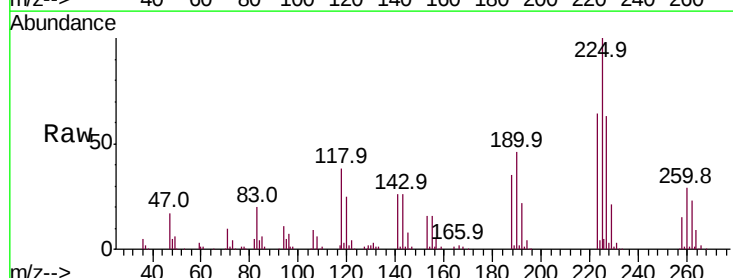
Instrument :
BNA_F
ClientSampleId :

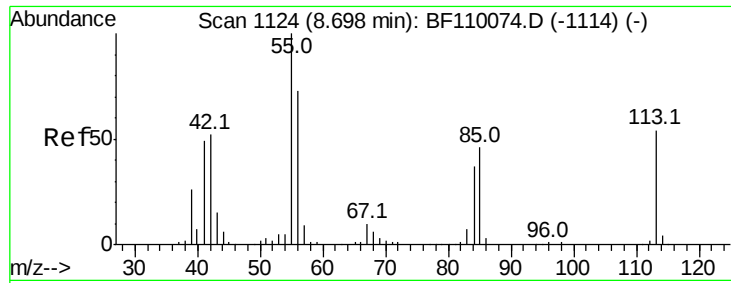
Tot Ion:	127	Resp:	410858
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	30.8	25.1	37.7
92	19.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 60.990 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:	225	Resp:	180193
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.2
227	62.8	51.0	76.6





#35

Caprolactam

Concen: 57.522 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

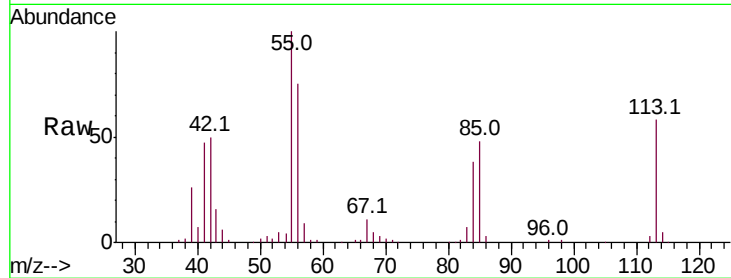
Tot Ion:113 Resp: 95241

Ion Ratio Lower Upper

113 100

55 172.8 142.8 182.8

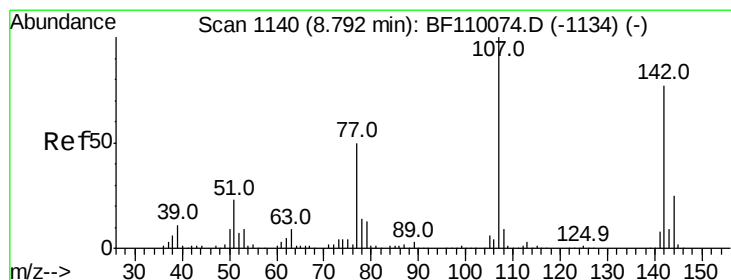
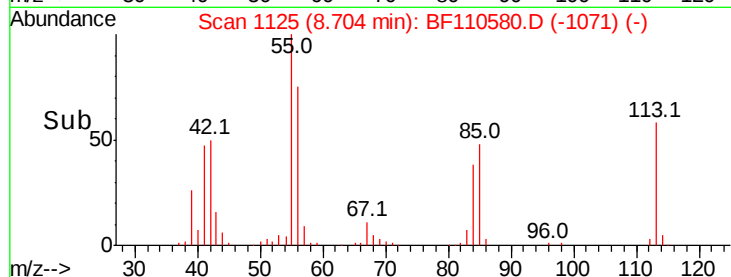
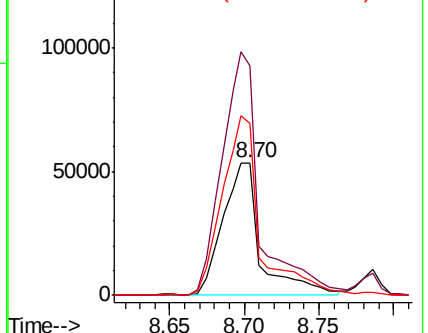
56 129.5 105.0 145.0



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: 58.586 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

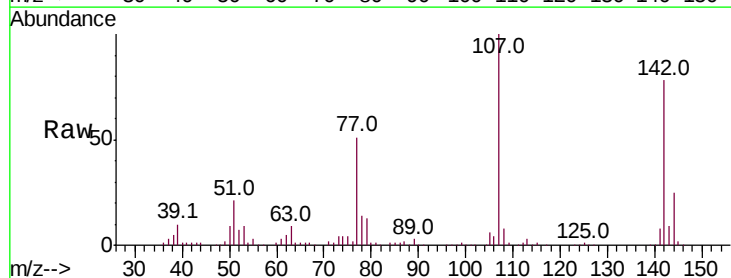
Tgt Ion:107 Resp: 300956

Ion Ratio Lower Upper

107 100

144 25.1 20.0 30.0

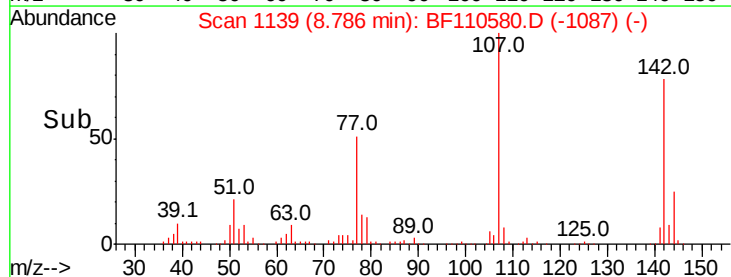
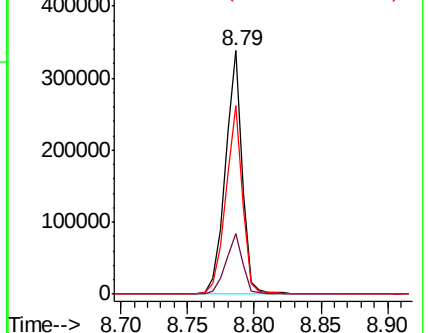
142 77.5 59.7 89.5

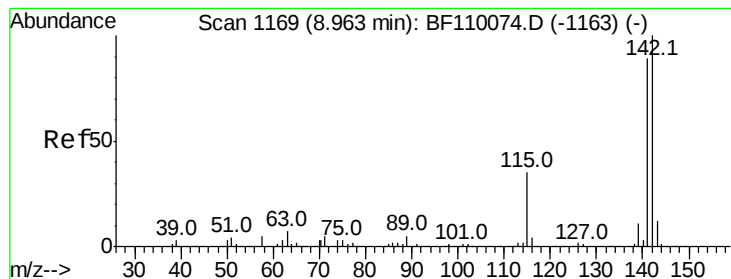


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

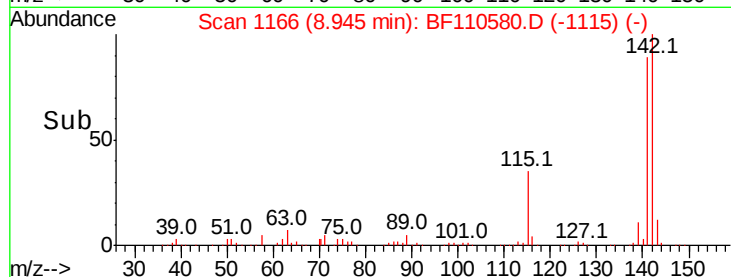
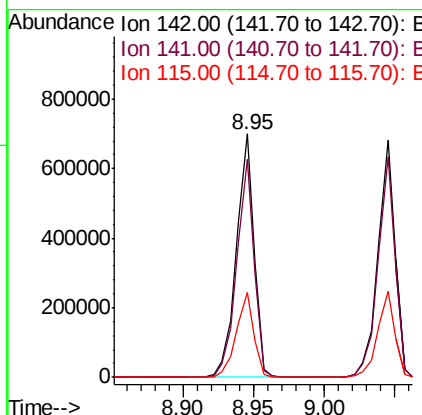
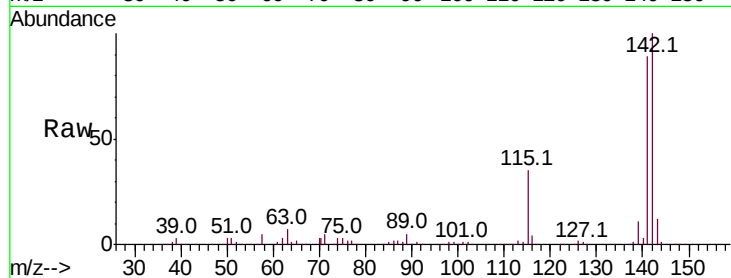




#37
 2-Methylnaphthalene
 Concen: 58.415 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

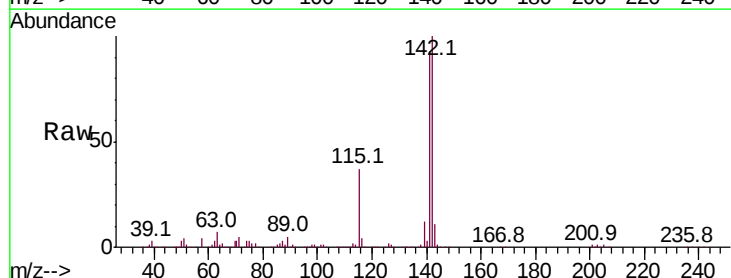
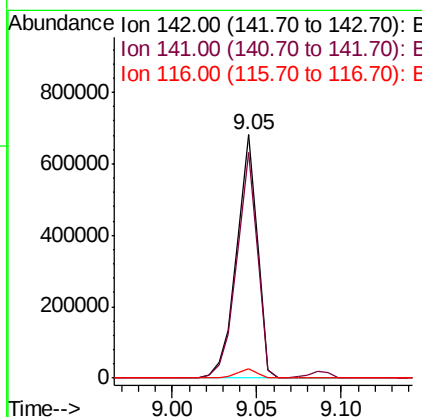
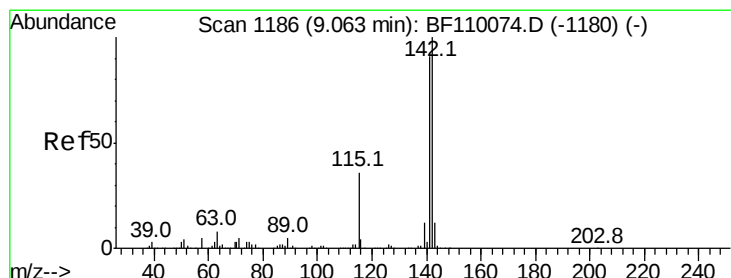
Instrument :
 BNA_F
 ClientSampleId :

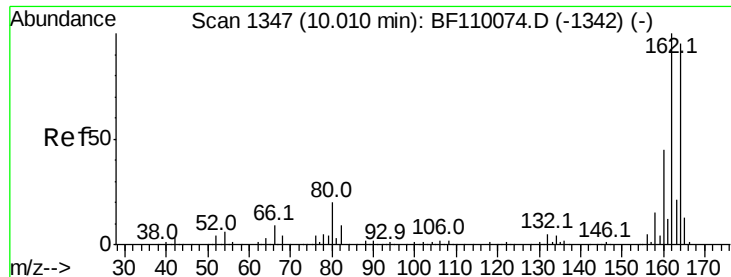
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	34.9	28.7	43.1



#38
 1-Methylnaphthalene
 Concen: 57.268 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
116	3.8	2.6	4.0

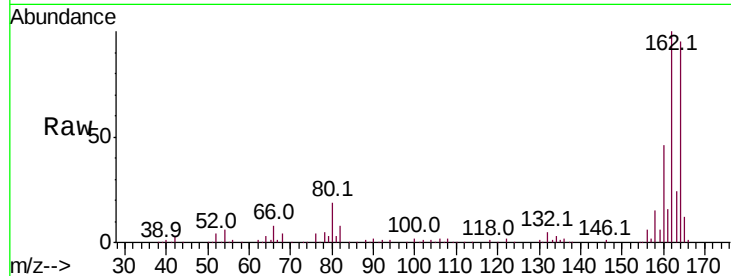




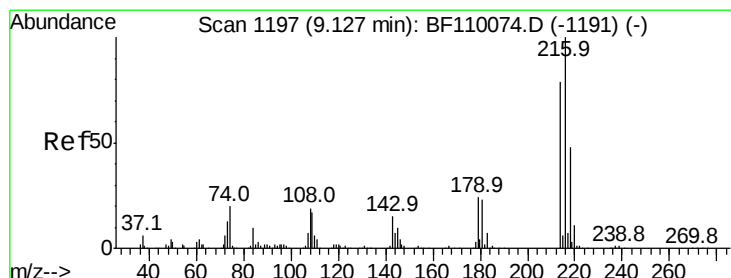
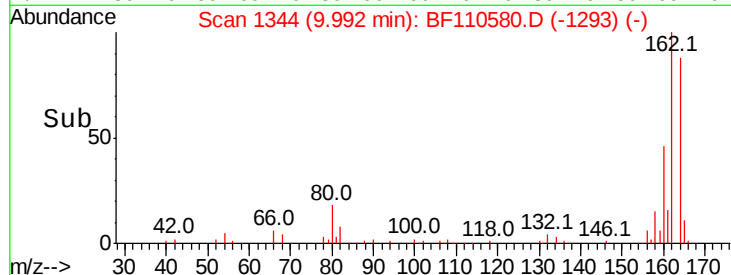
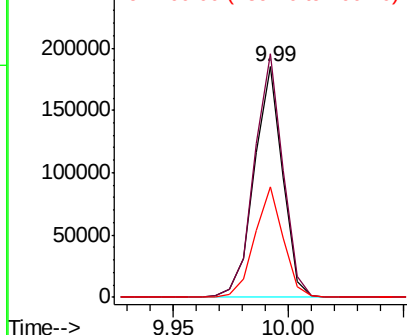
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 158769
Ion Ratio Lower Upper
164 100
162 105.7 83.0 124.6
160 48.2 37.0 55.6

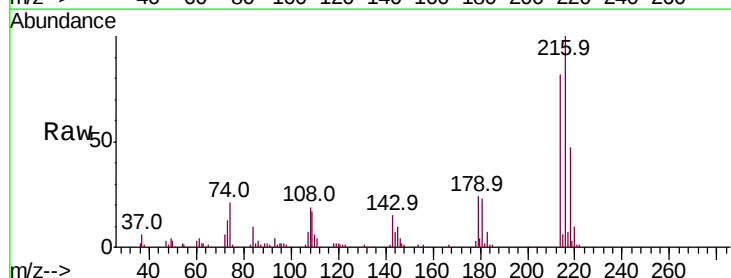


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

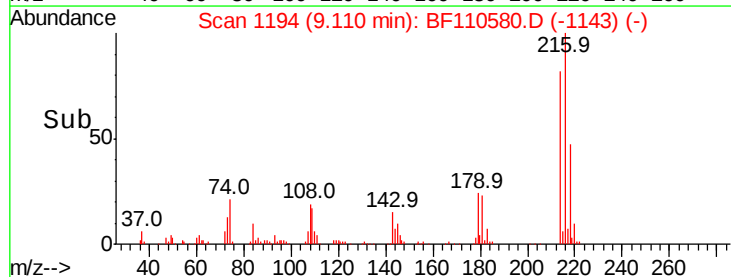
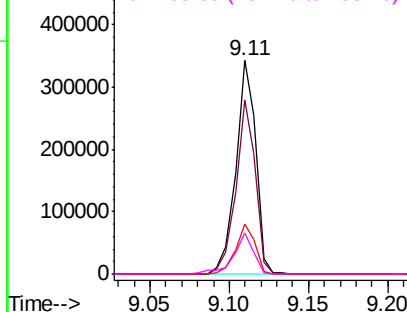


#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.308 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:216 Resp: 298339
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 23.1 16.6 25.0
108 19.5 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: 45.652 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

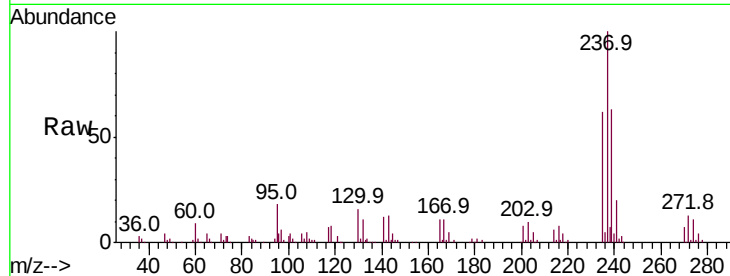
Tot Ion:237 Resp: 115477

Ion Ratio Lower Upper

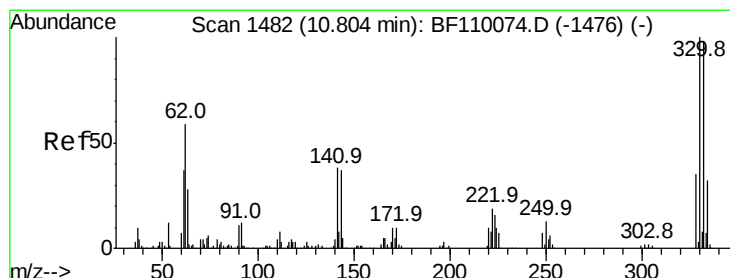
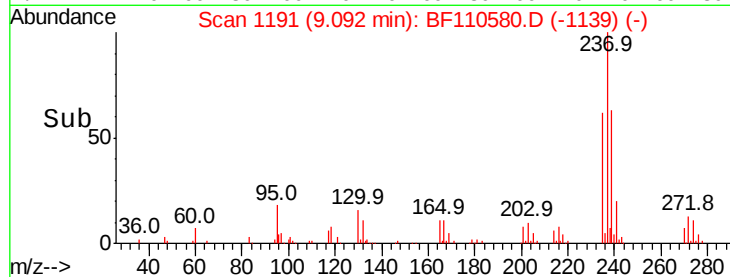
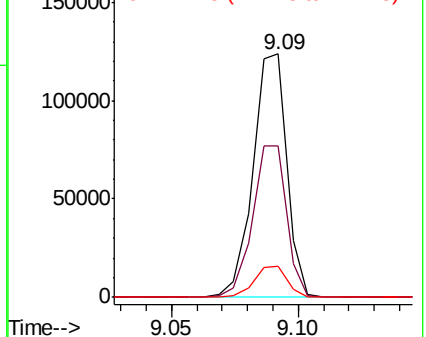
237 100

235 62.4 43.1 83.1

272 12.7 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: 119.612 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

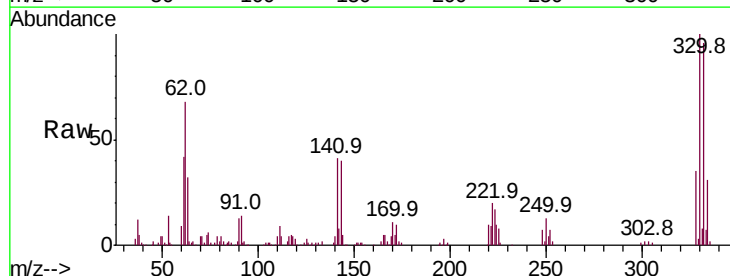
Tgt Ion:330 Resp: 188115

Ion Ratio Lower Upper

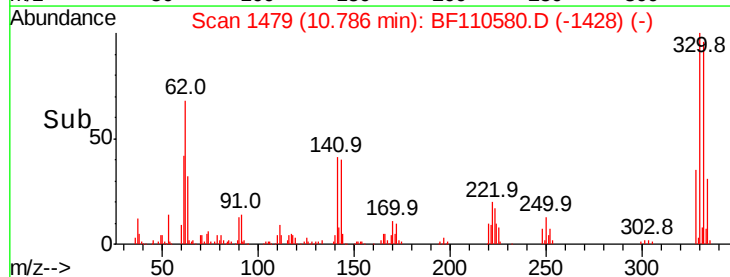
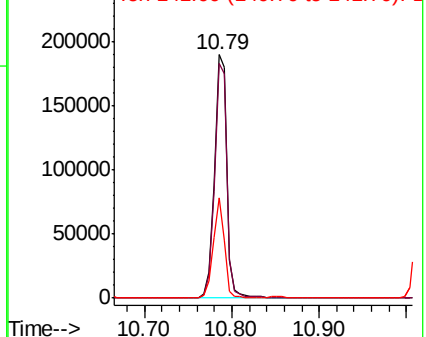
330 100

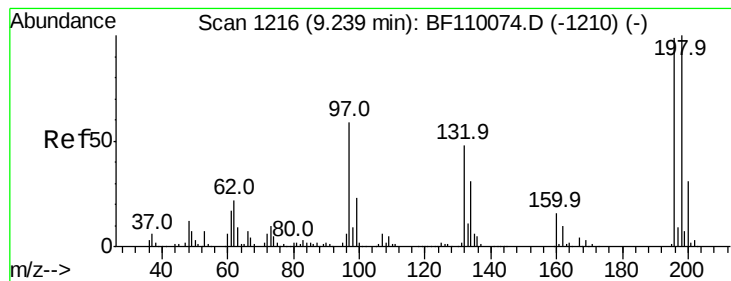
332 96.1 77.1 115.7

141 36.8 27.0 40.4



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





#43

2,4,6-Trichlorophenol

Concen: 59.450 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampled :

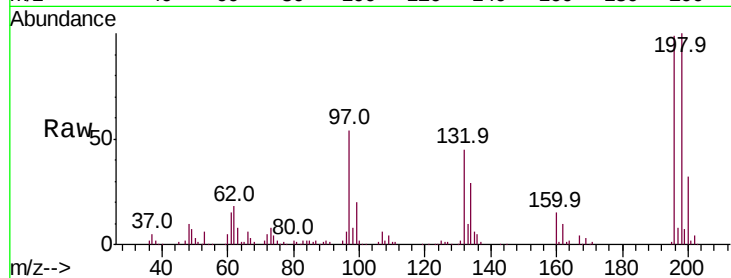
Tot Ion:196 Resp: 189687

Ion Ratio Lower Upper

196 100

198 101.3 76.2 114.4

200 32.4 24.4 36.6

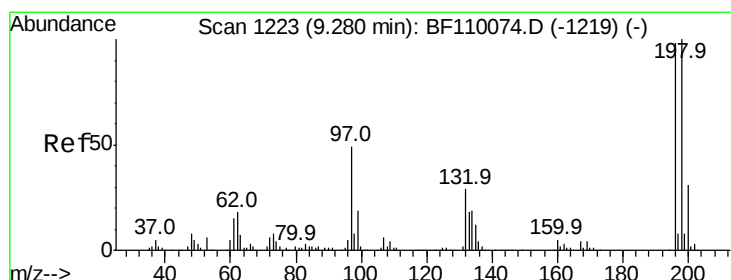
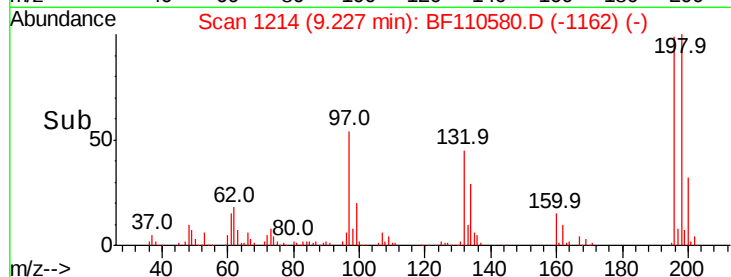
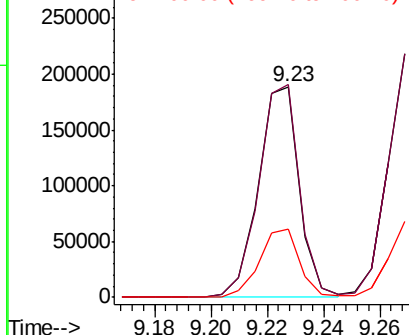


Abundance

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: 59.803 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Tgt Ion:196 Resp: 201696

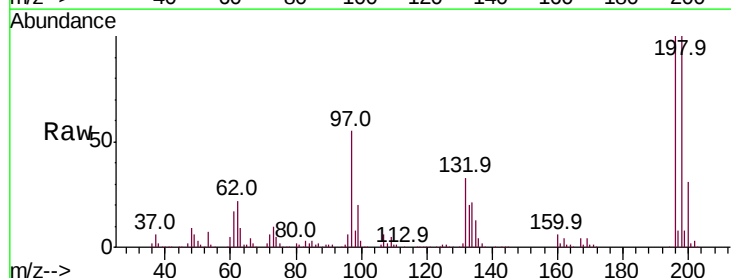
Ion Ratio Lower Upper

196 100

198 99.9 75.8 113.6

97 54.9 42.4 63.6

132 32.6 22.8 34.2



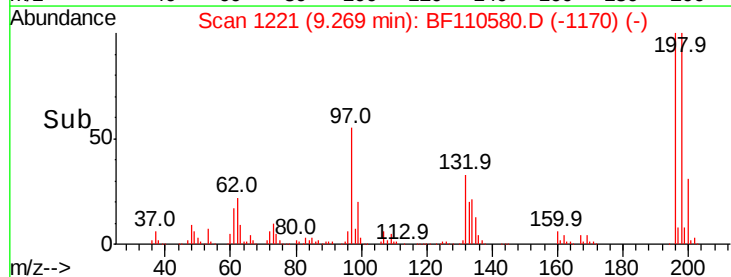
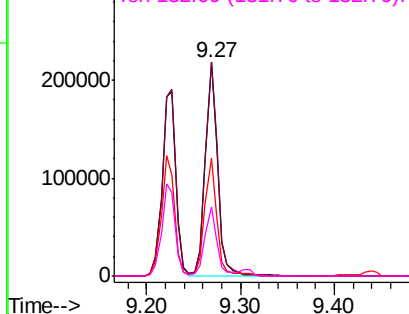
Abundance

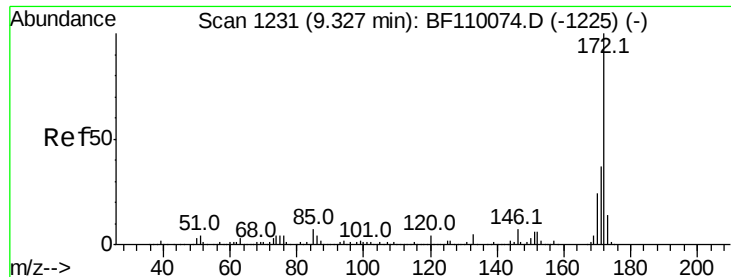
Ion 196.00 (195.70 to 196.70): E

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

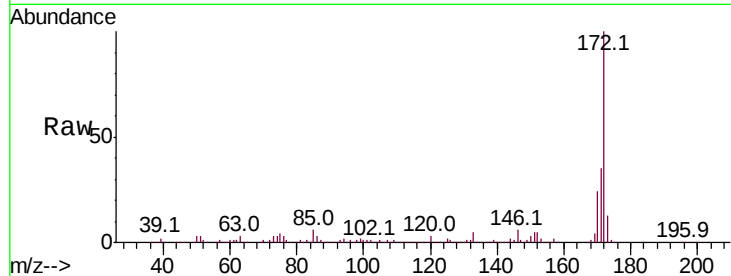




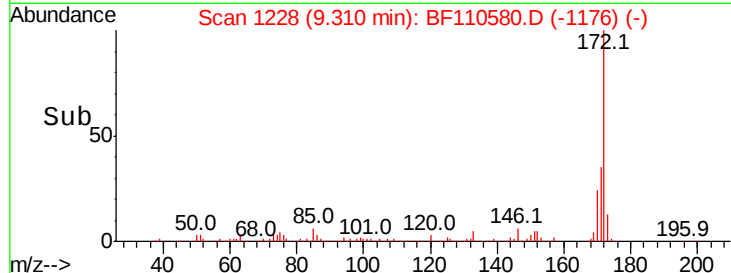
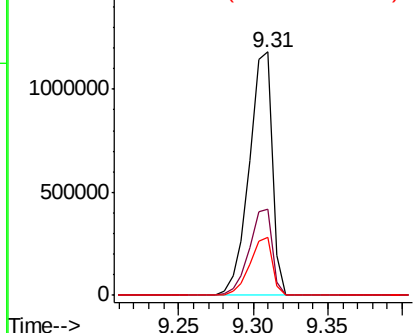
#45
2-Fluorobiphenyl
Concen: 124.056 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1254333
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.8 19.7 29.5

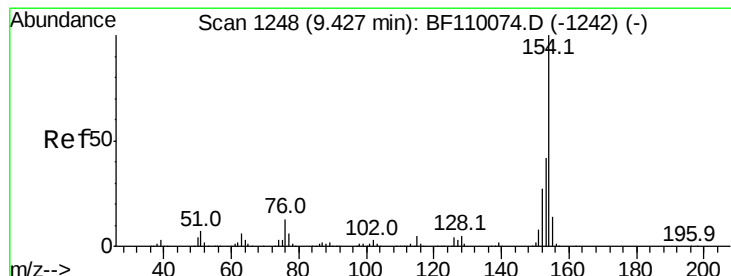


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

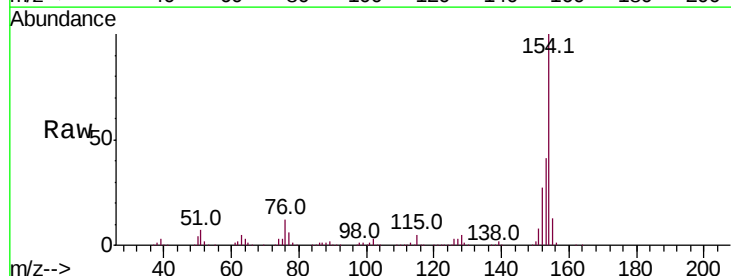
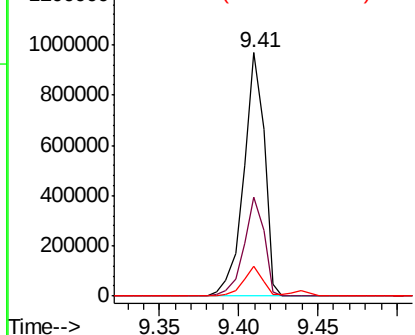


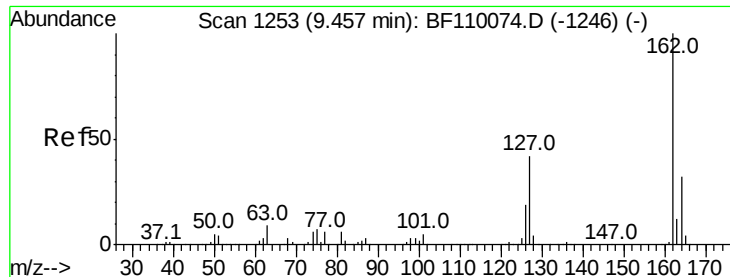
#46
1,1'-Biphenyl
Concen: 60.345 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:154 Resp: 866396
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 12.4 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

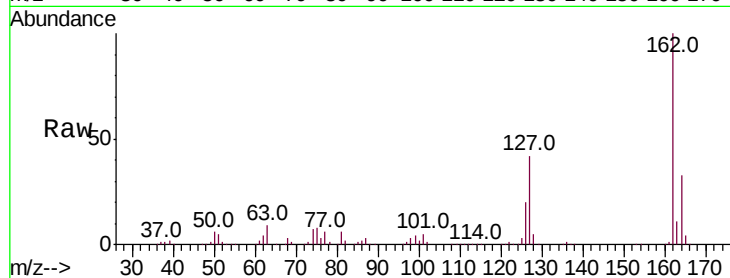




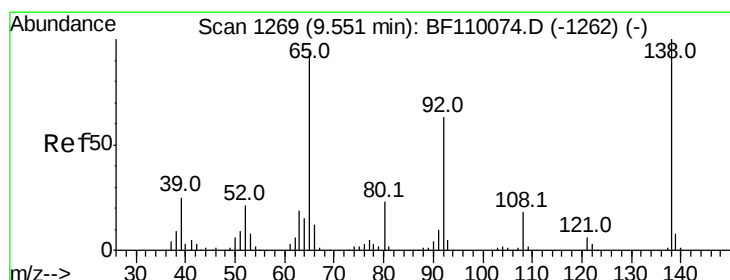
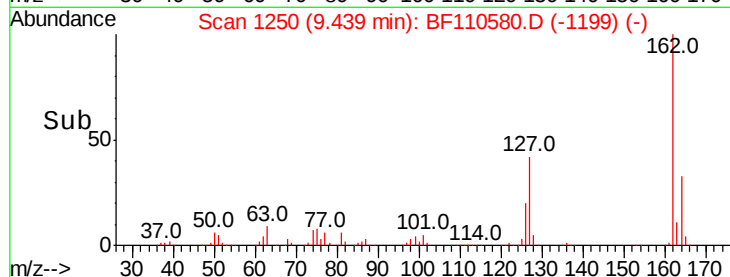
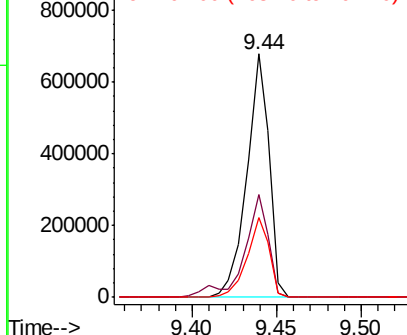
#47
 2-Chloronaphthalene
 Concen: 59.662 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 628342
 Ion Ratio Lower Upper
 162 100
 127 42.0 32.6 48.8
 164 33.0 25.9 38.9

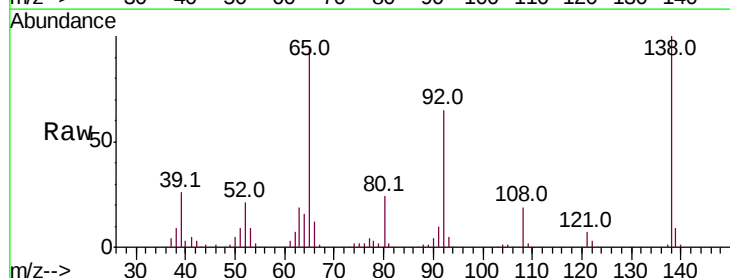


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

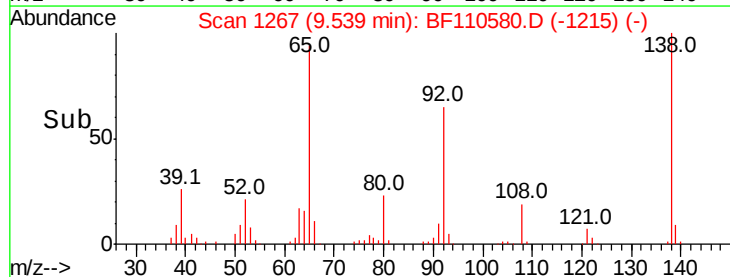
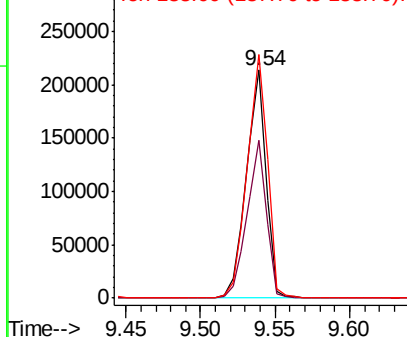


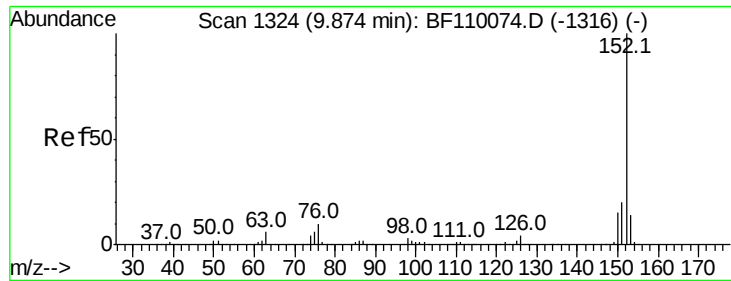
#48
 2-Nitroaniline
 Concen: 61.243 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Tgt Ion: 65 Resp: 195451
 Ion Ratio Lower Upper
 65 100
 92 69.0 54.6 81.8
 138 106.7 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: 58.556 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

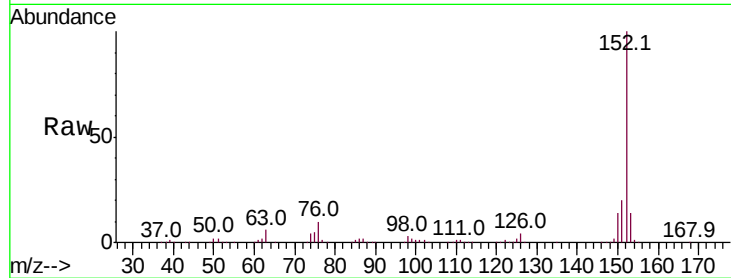
Tot Ion:152 Resp: 890715

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

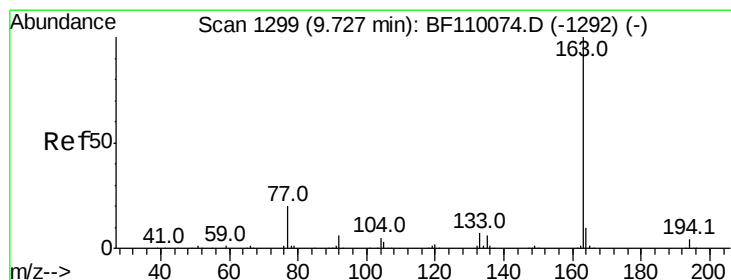
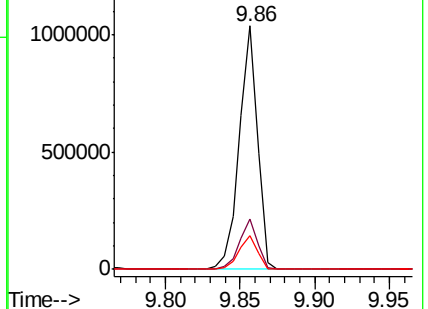
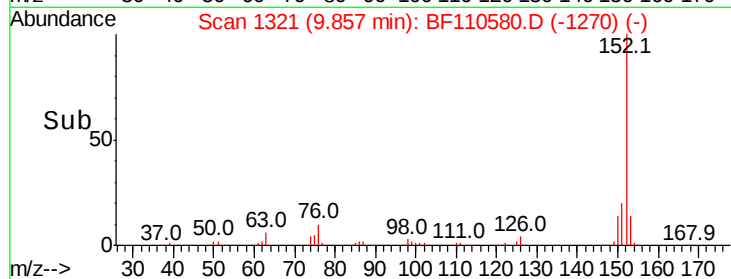
153 13.9 10.4 15.6



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: 59.149 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

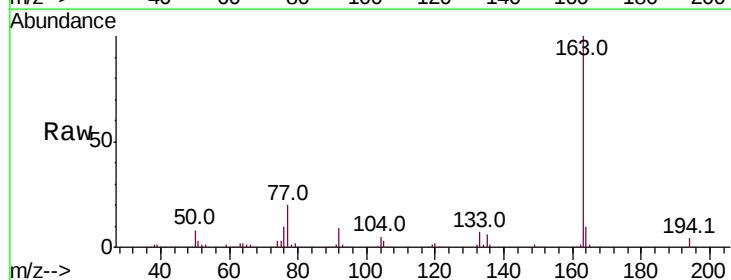
Tgt Ion:163 Resp: 693225

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

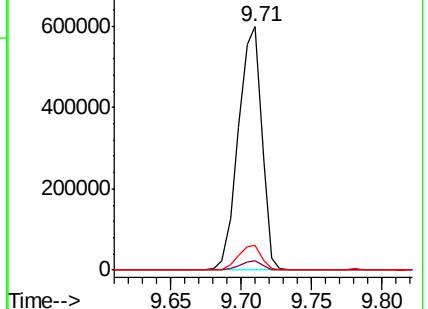
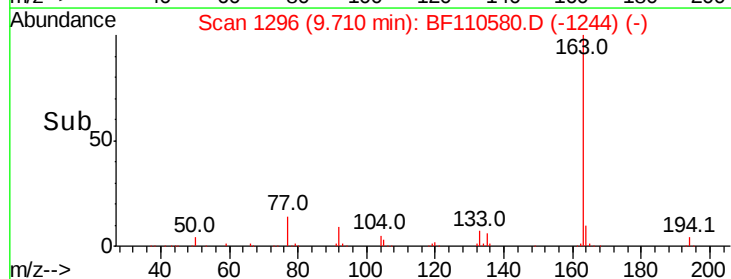
164 9.9 8.1 12.1

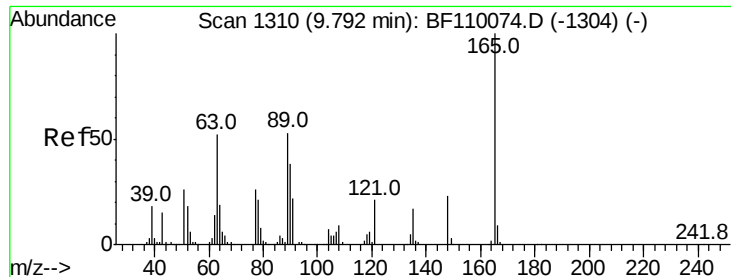


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

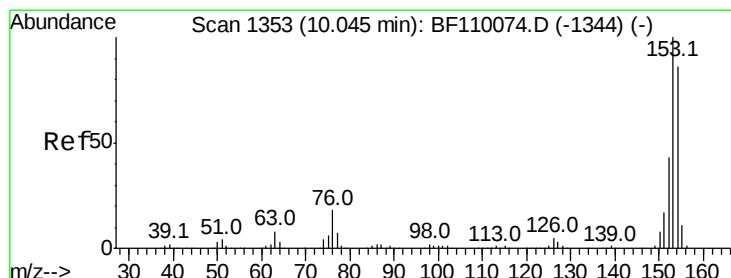
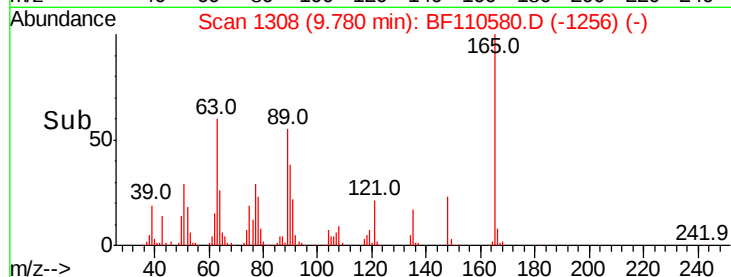
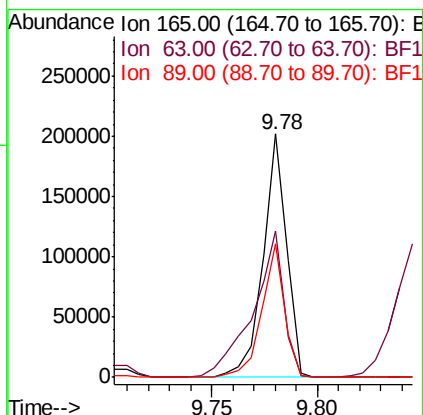
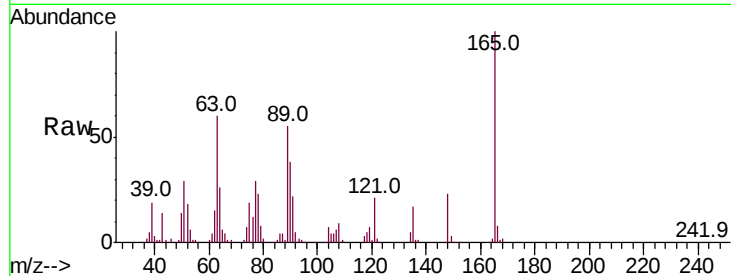




#51
2,6-Dinitrotoluene
Concen: 61.830 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

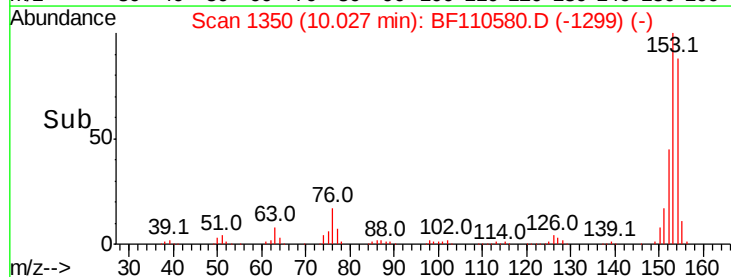
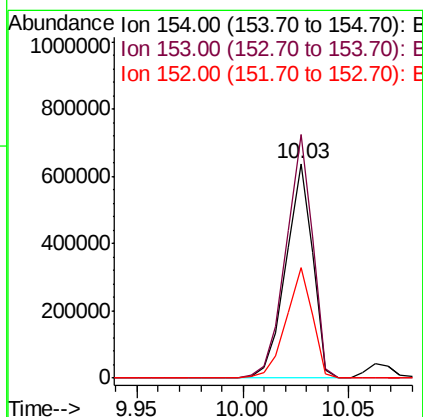
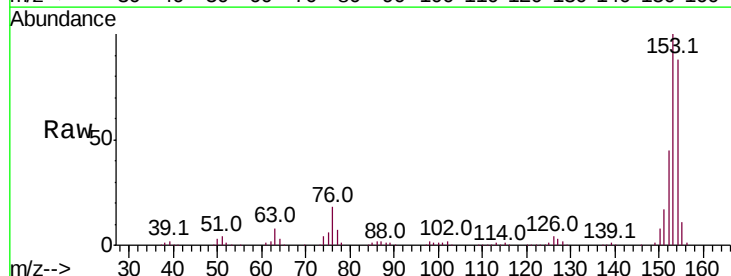
Instrument :
BNA_F
ClientSampled :

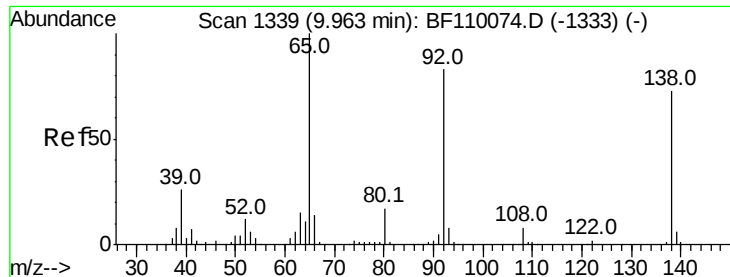
Tot Ion:165 Resp: 156091
Ion Ratio Lower Upper
165 100
63 59.9 48.9 73.3
89 55.0 46.6 69.8



#52
Acenaphthene
Concen: 56.095 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:154 Resp: 564484
Ion Ratio Lower Upper
154 100
153 113.7 90.1 135.1
152 51.6 43.4 65.2

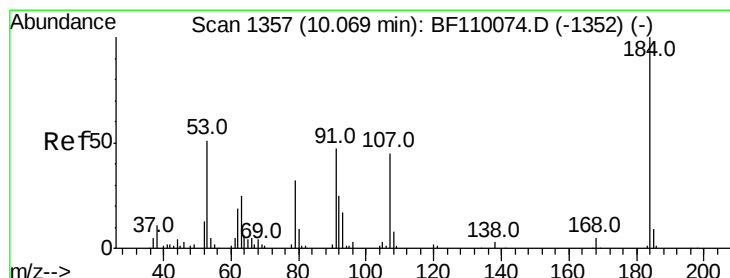
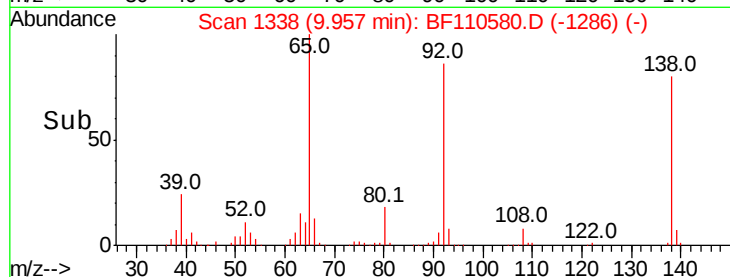
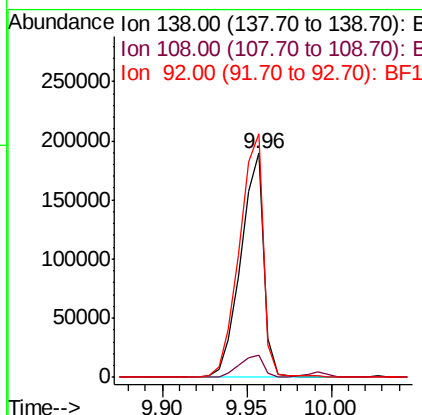
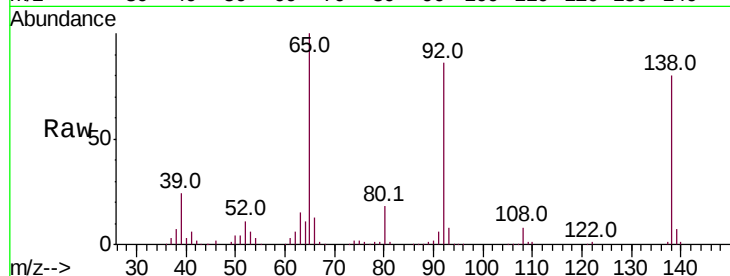




#53
3-Nitroaniline
Concen: 60.062 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

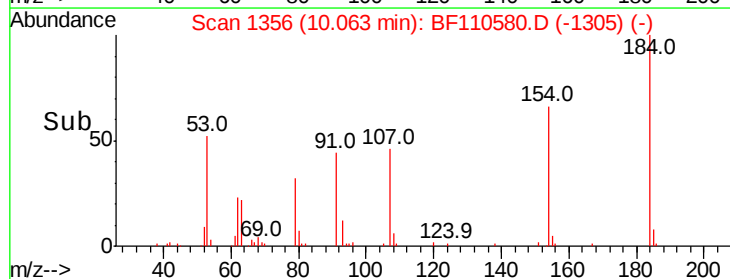
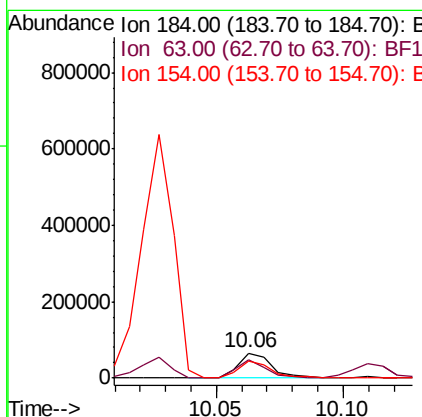
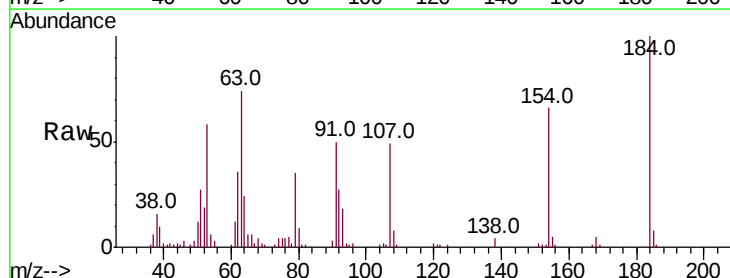
Instrument :
BNA_F
ClientSampled :

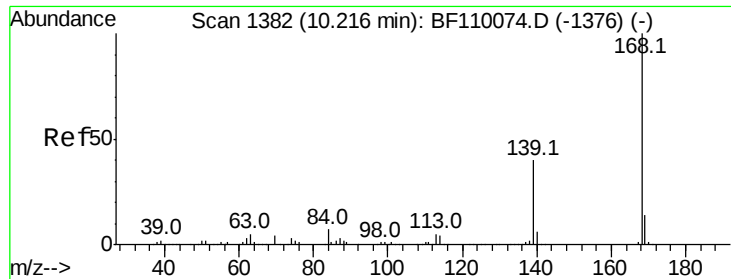
Tot Ion:138 Resp: 180313
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 108.5 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 68.444 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:184 Resp: 60706
Ion Ratio Lower Upper
184 100
63 74.4 55.8 83.6
154 66.1 63.2 94.8

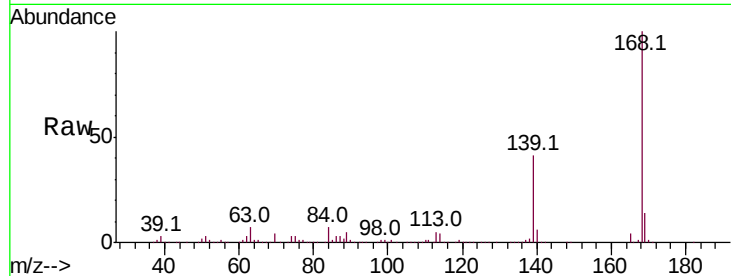




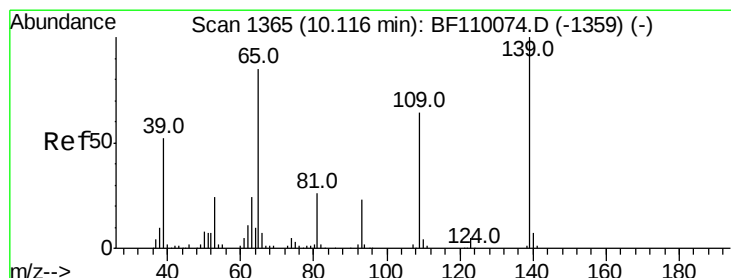
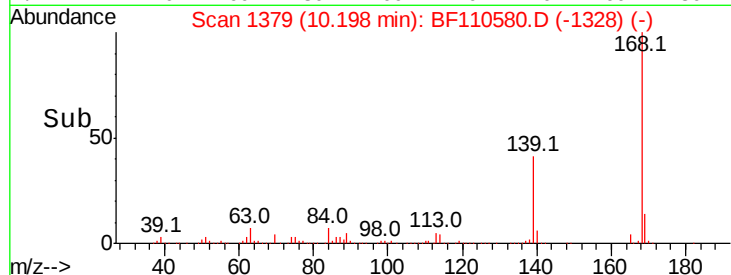
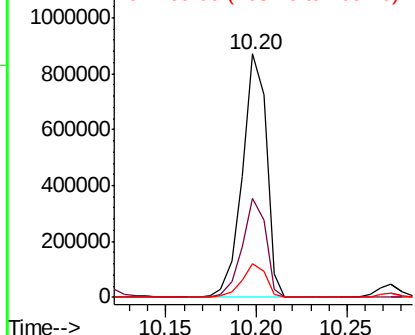
#55
Dibenzenofuran
Concen: 57.174 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 805529
Ion Ratio Lower Upper
168 100
139 40.9 33.0 49.6
169 13.7 11.3 16.9

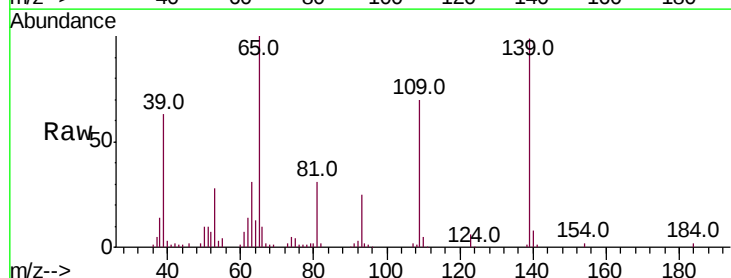


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

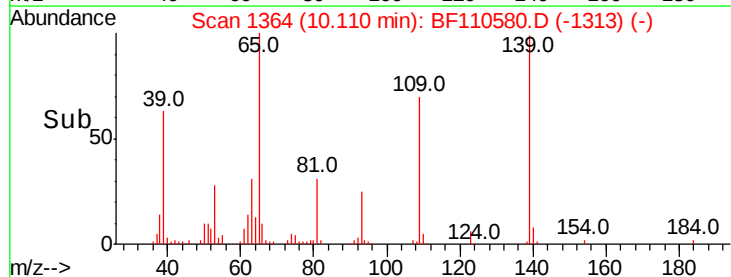
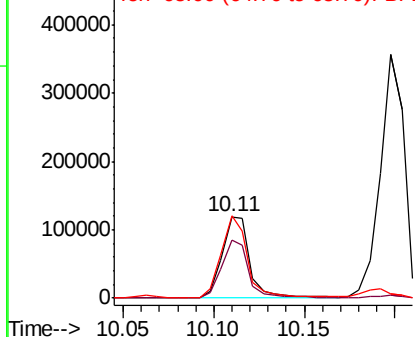


#56
4-Nitrophenol
Concen: 56.841 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:139 Resp: 126296
Ion Ratio Lower Upper
139 100
109 70.9 55.8 95.8
65 101.2 77.9 117.9



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

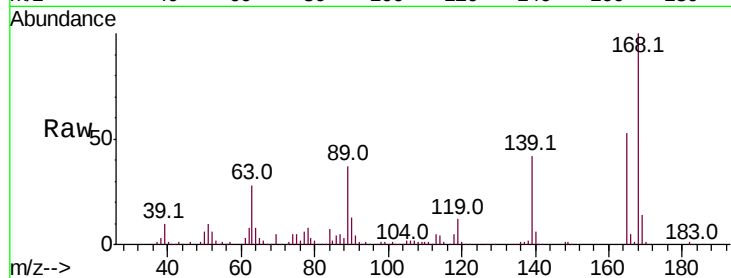




#57
2,4-Dinitrotoluene
Concen: 63.247 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	44.8	67.2
89	70.1	62.2	93.4
182	2.4	2.1	3.1



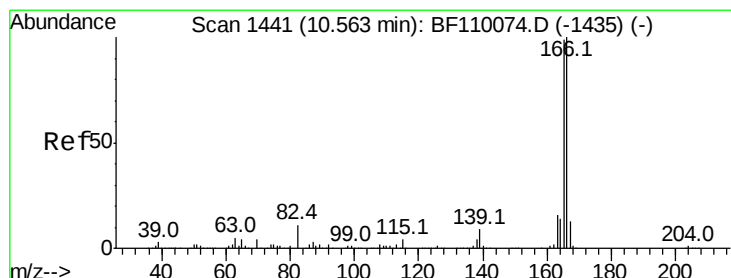
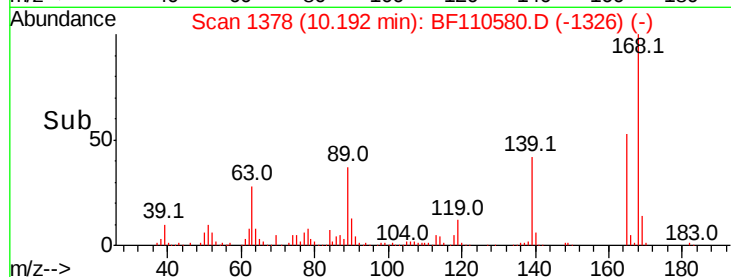
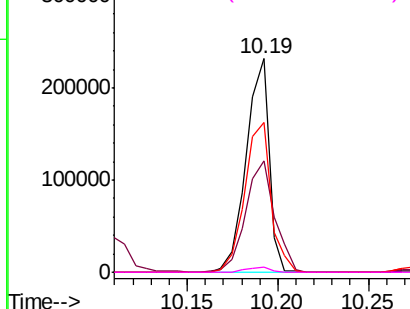
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

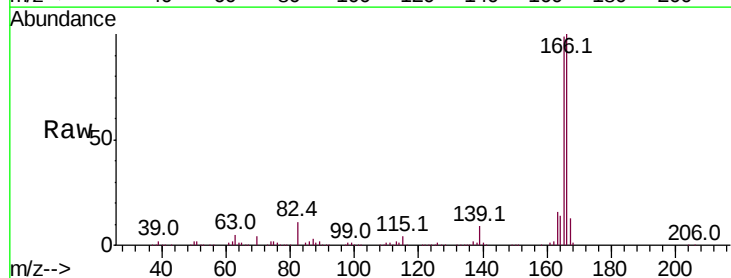
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 59.524 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.5	10.8	16.2

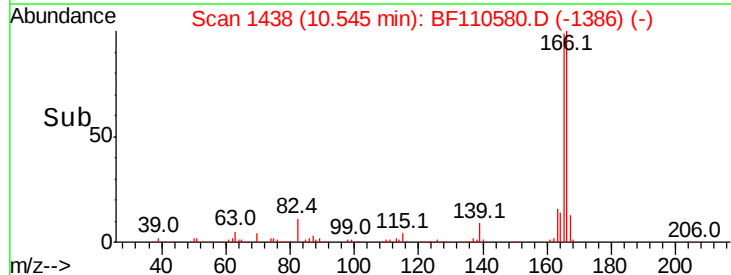
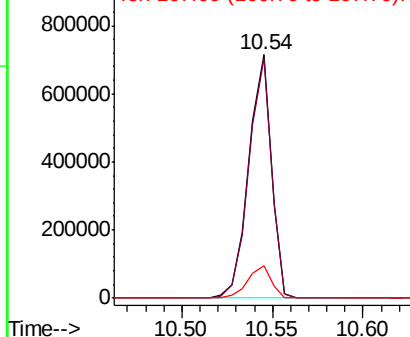


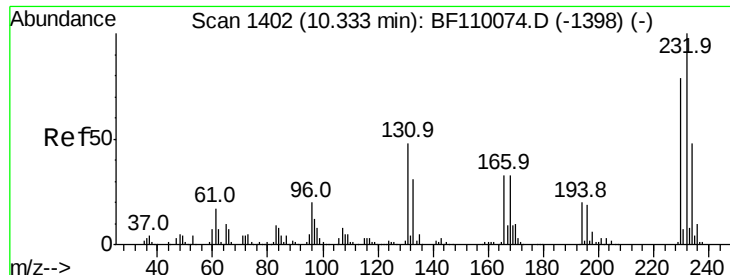
Abundance

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

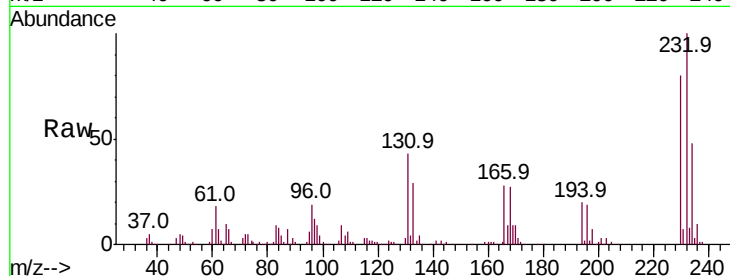




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.161 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.04 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.6	37.0	55.4
130	2.4	1.8	2.6
166	27.1	22.0	33.0



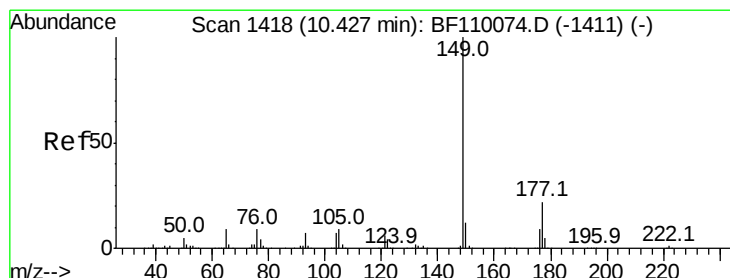
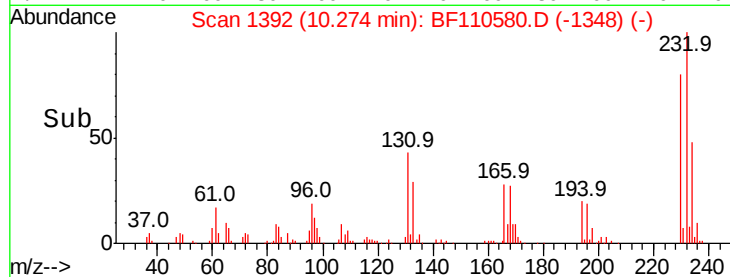
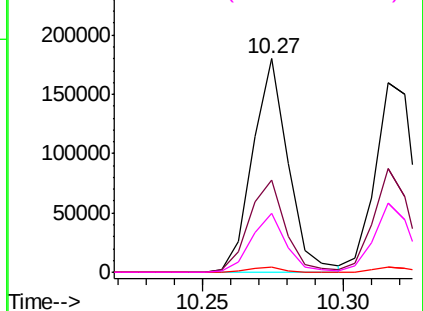
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

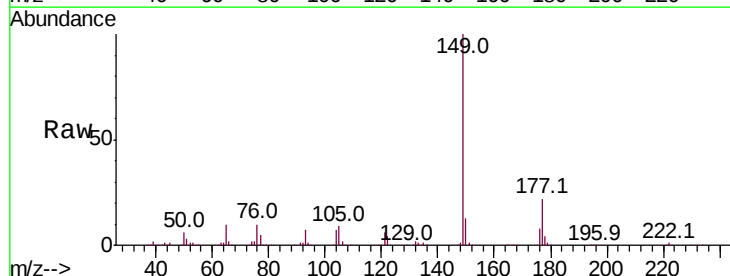
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 59.015 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.6	9.8	14.8

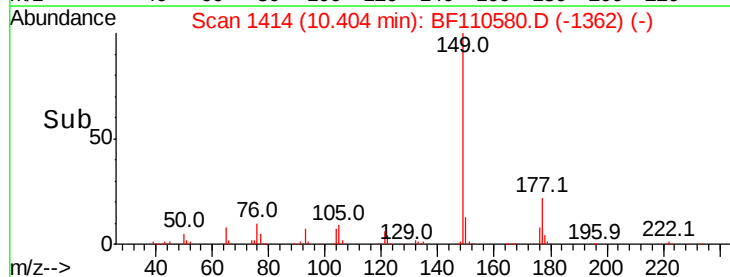
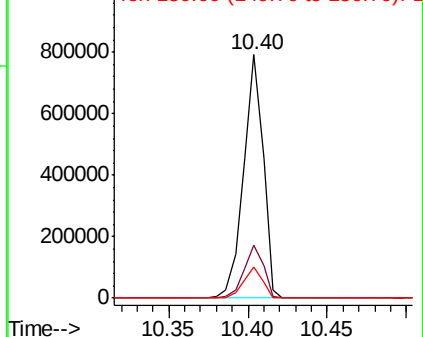


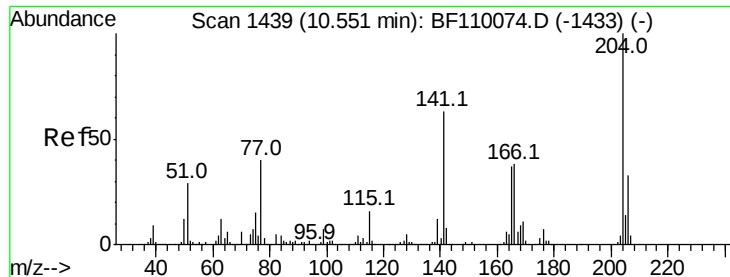
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

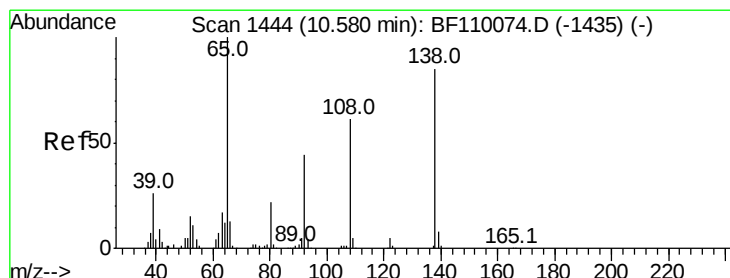
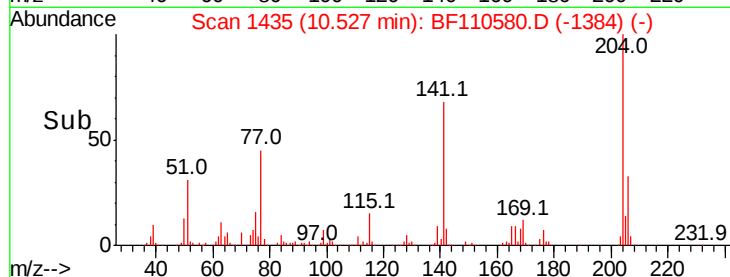
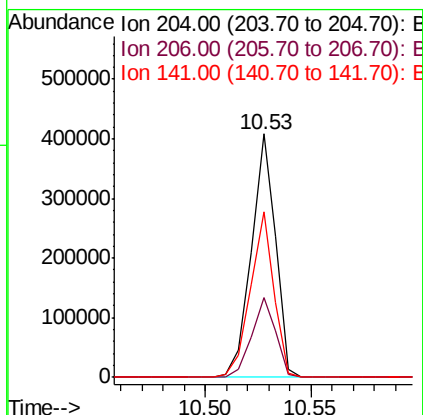
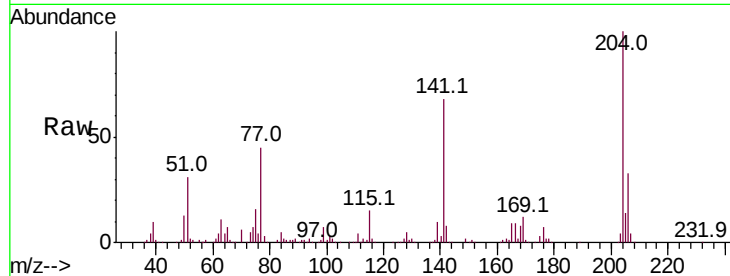




#61
4-Chlorophenyl-phenylether
Concen: 58.855 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

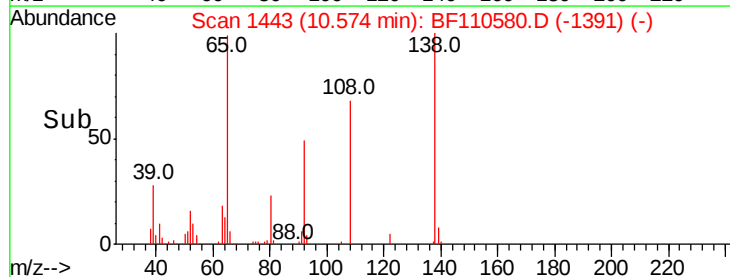
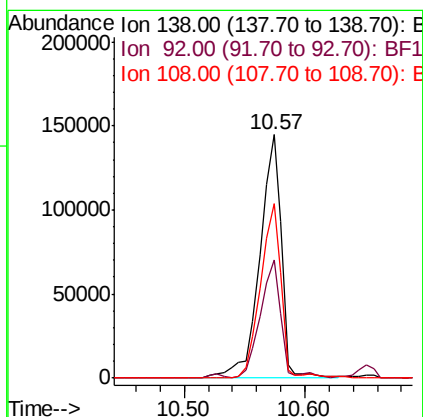
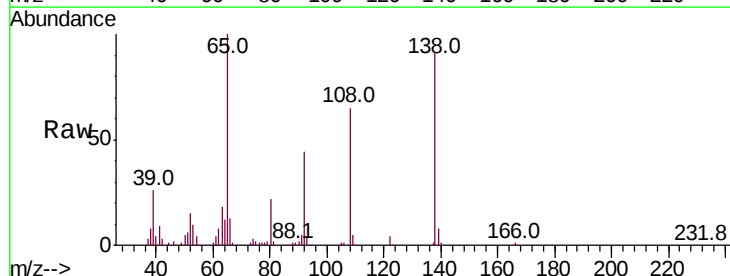
Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 325559
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 68.1 51.8 77.8



#62
4-Nitroaniline
Concen: 60.650 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:138 Resp: 181095
Ion Ratio Lower Upper
138 100
92 48.6 31.7 71.7
108 71.8 59.3 99.3

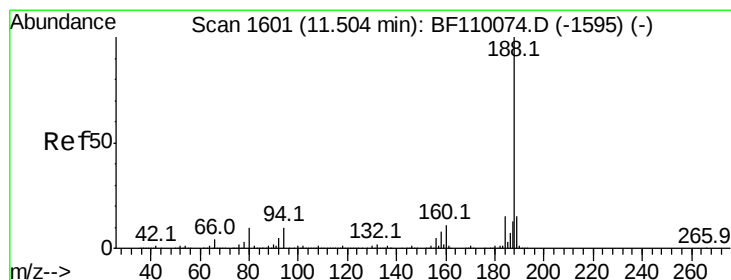
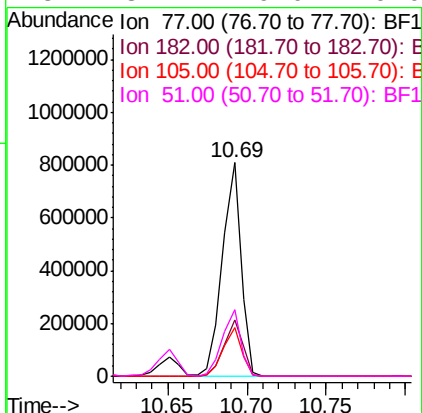
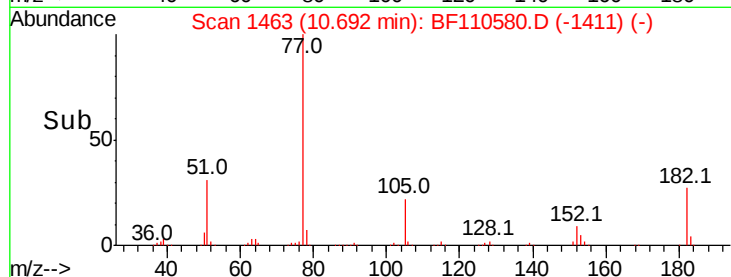
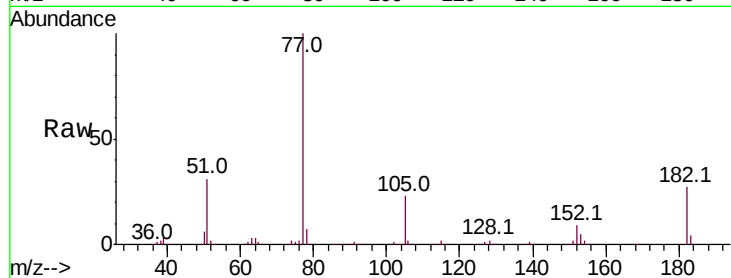




#63
Azobenzene
Concen: 58.631 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

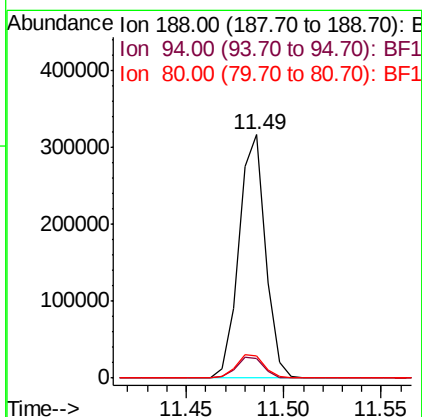
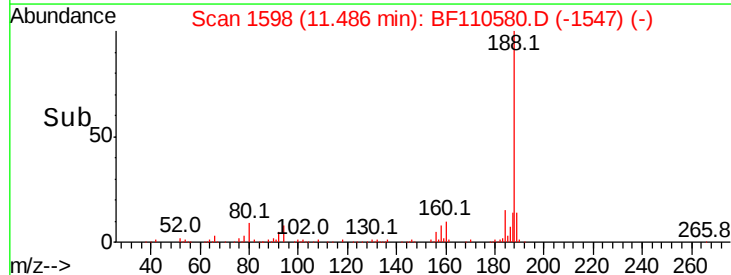
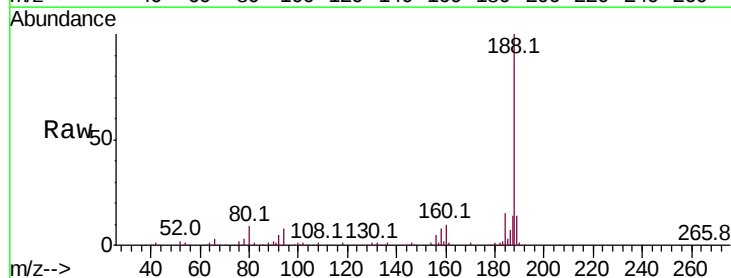
Instrument :
BNA_F
ClientSampleId :

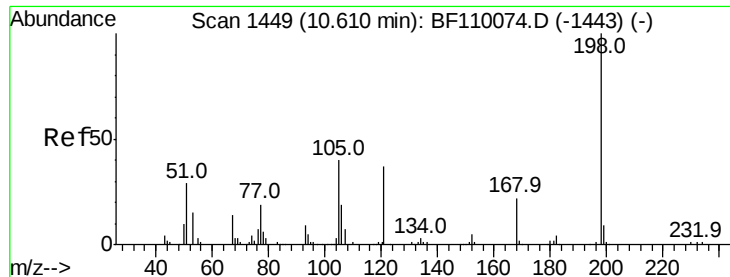
Tot Ion: 77 Resp: 665816
Ion Ratio Lower Upper
77 100
182 26.6 4.3 44.3
105 22.7 1.3 41.3
51 31.2 9.0 49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion: 188 Resp: 296672
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.0 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 71.160 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampled :

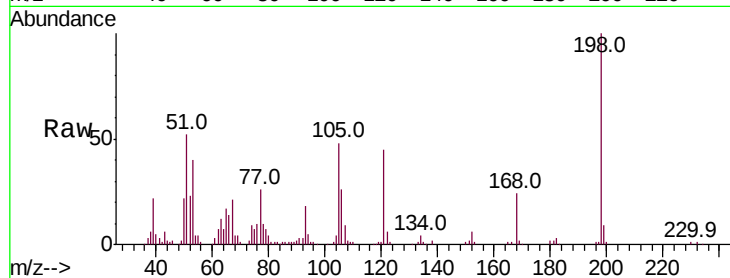
Tot Ion:198 Resp: 96451

Ion Ratio Lower Upper

198 100

51 52.1 22.8 62.8

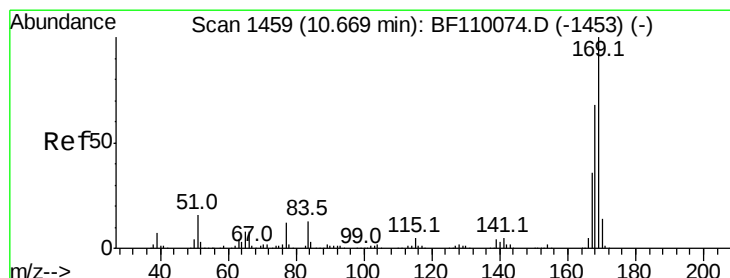
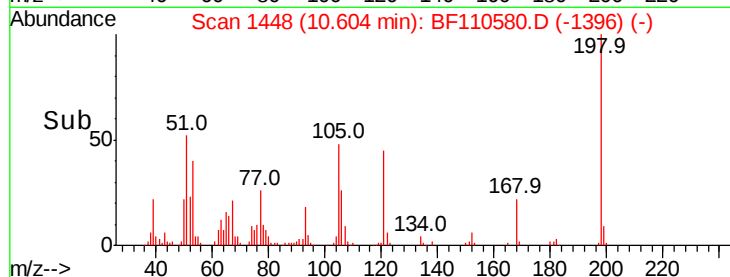
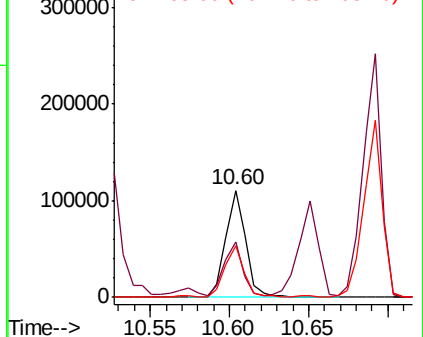
105 48.3 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 60.215 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

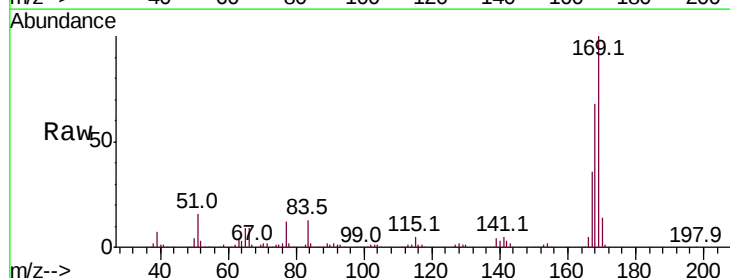
Tgt Ion:169 Resp: 585943

Ion Ratio Lower Upper

169 100

168 67.6 51.2 76.8

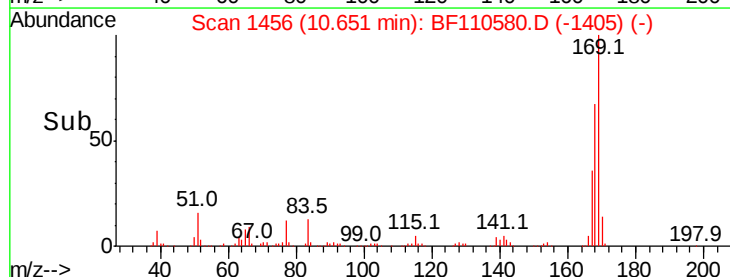
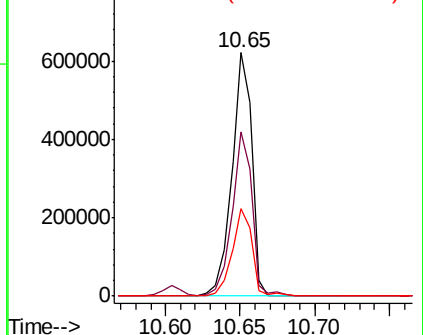
167 36.1 27.8 41.6

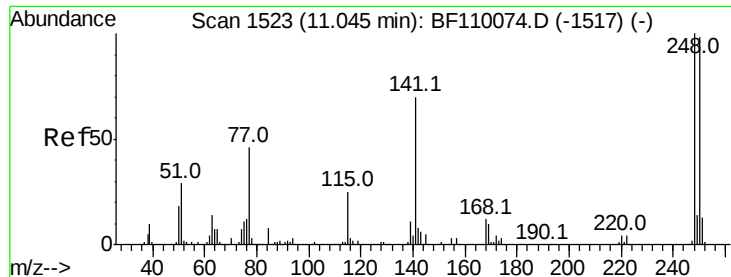


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

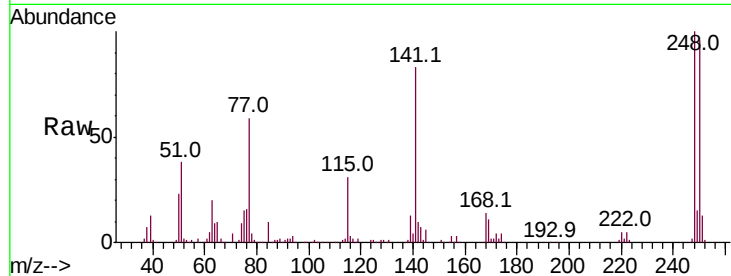




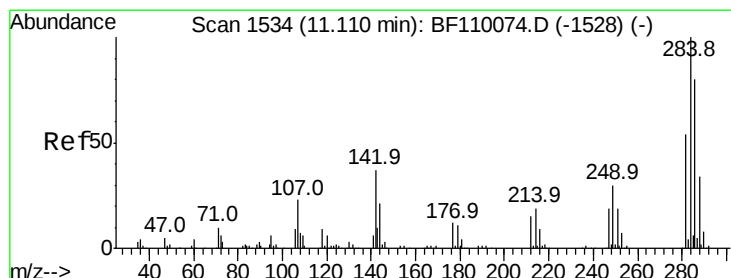
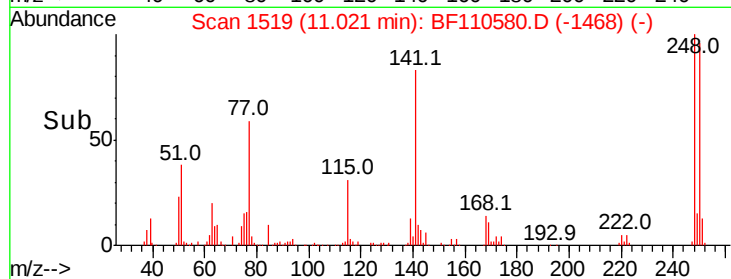
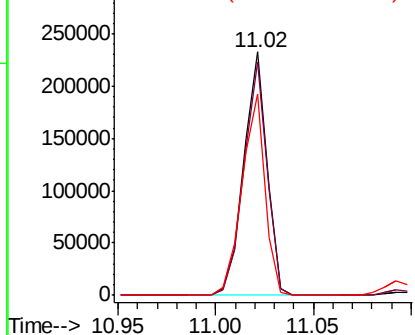
#67
4-Bromophenyl-phenylether
Concen: 59.918 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 192819
Ion Ratio Lower Upper
248 100
250 95.8 79.4 119.2
141 82.9 55.9 83.9

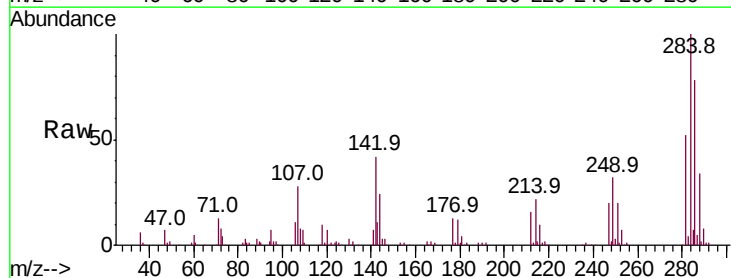


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

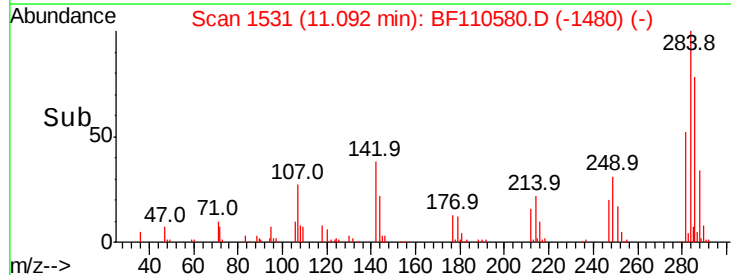
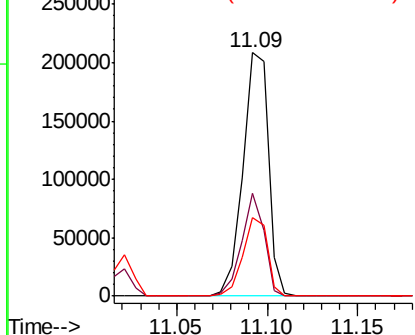


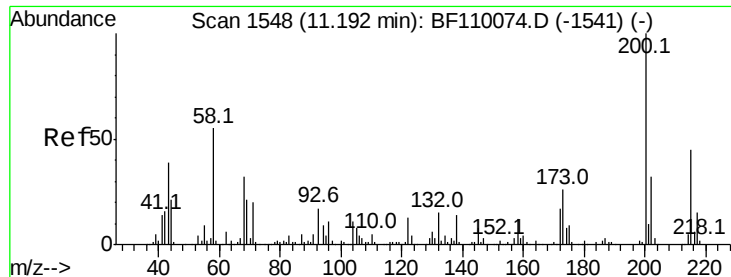
#68
Hexachlorobenzene
Concen: 59.570 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:284 Resp: 203396
Ion Ratio Lower Upper
284 100
142 42.2 23.9 35.9#
249 32.4 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

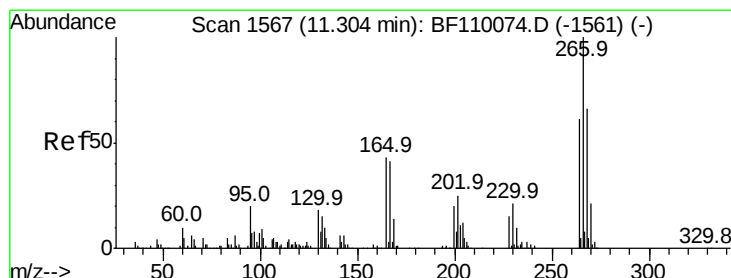
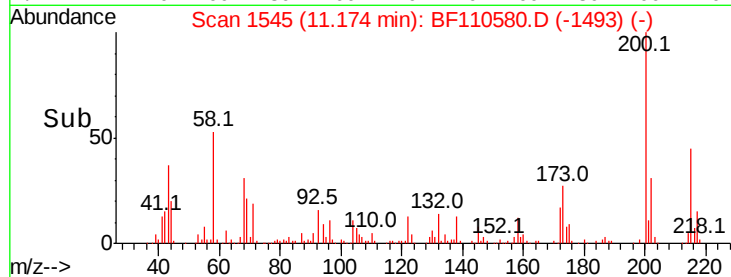
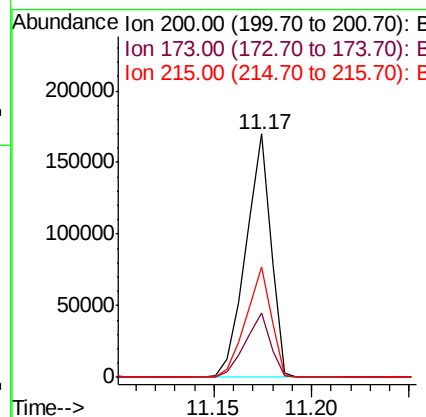
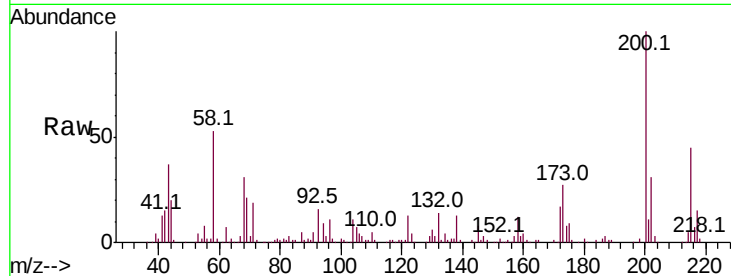




#69
Atrazine
Concen: 49.565 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

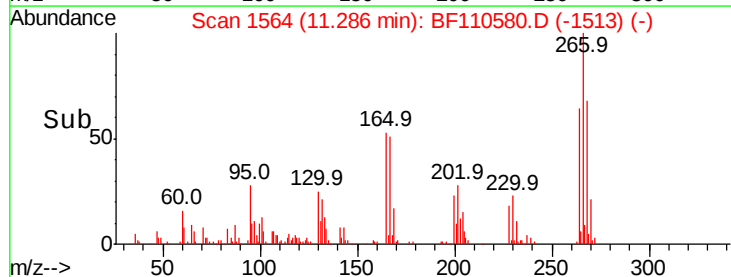
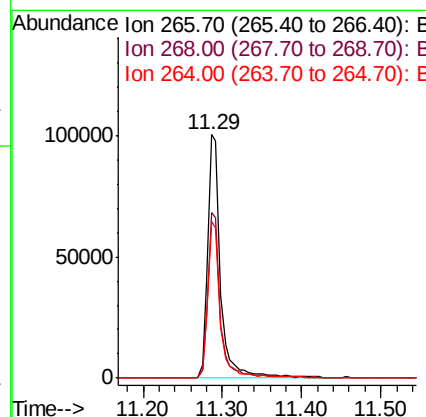
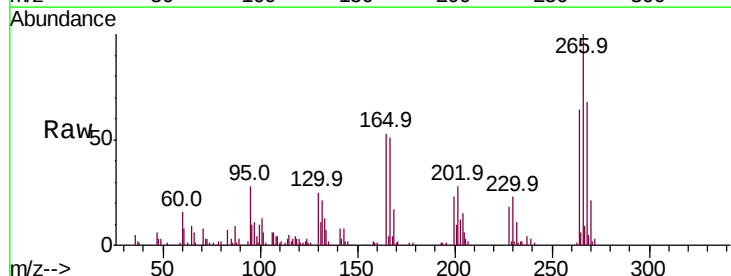
Instrument :
BNA_F
ClientSampleId :

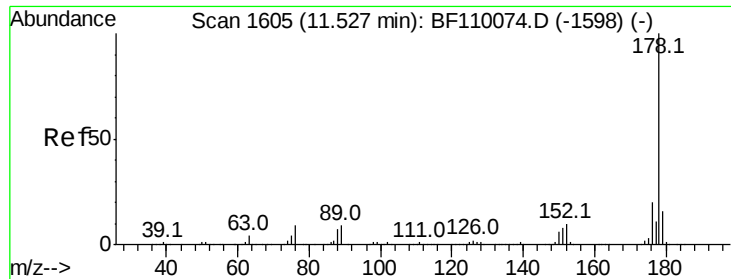
Tot Ion:200 Resp: 152419
Ion Ratio Lower Upper
200 100
173 26.7 6.6 46.6
215 45.3 26.3 66.3



#70
Pentachlorophenol
Concen: 58.739 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:266 Resp: 116948
Ion Ratio Lower Upper
266 100
268 68.2 50.6 75.8
264 64.4 50.6 75.8

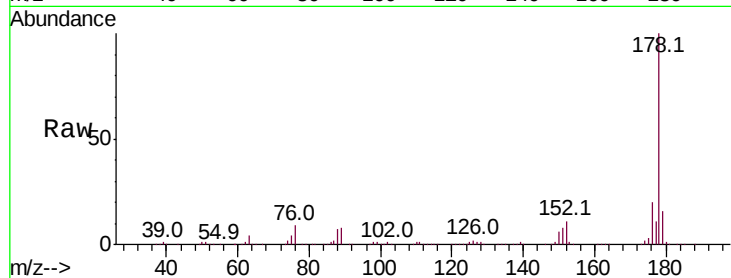




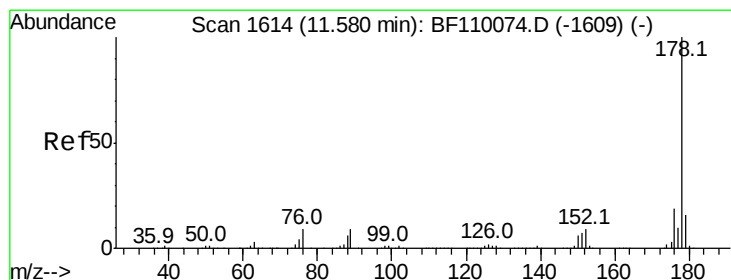
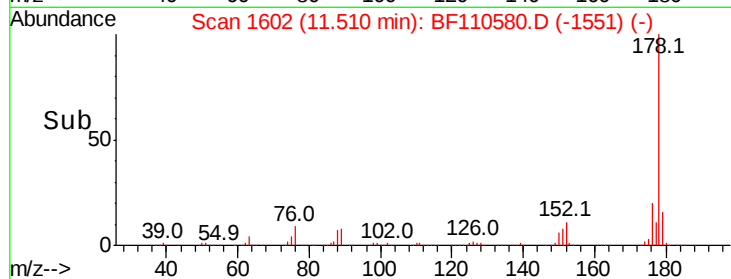
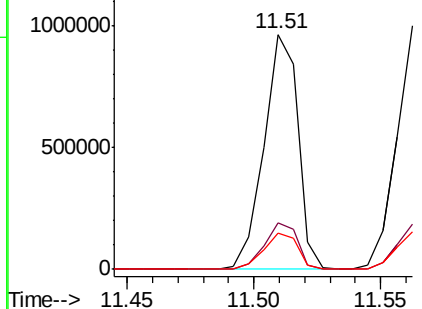
#71
 Phenanthrene
 Concen: 58.399 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 906539
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.7 12.5 18.7

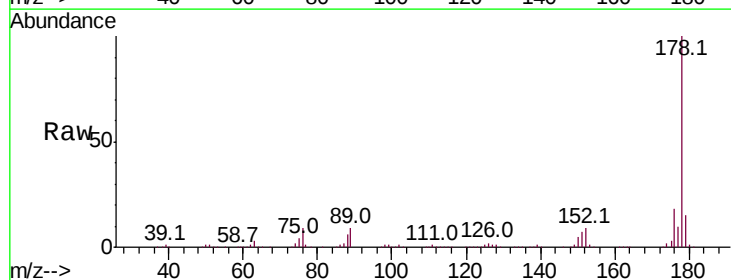


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

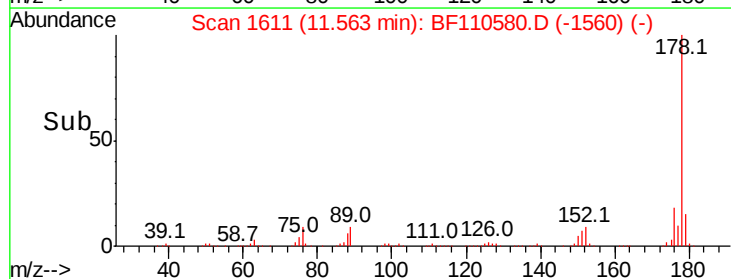
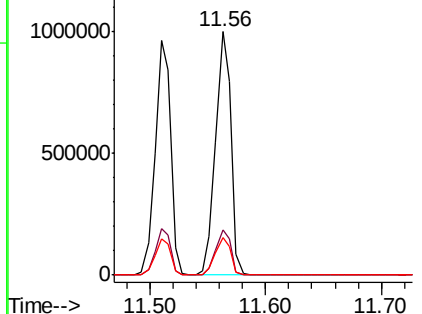


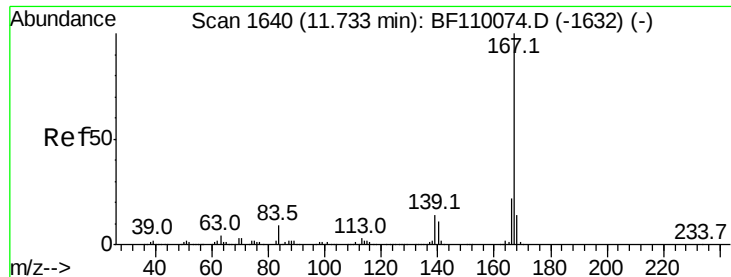
#72
 Anthracene
 Concen: 59.387 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Tgt Ion:178 Resp: 924036
 Ion Ratio Lower Upper
 178 100
 176 18.4 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

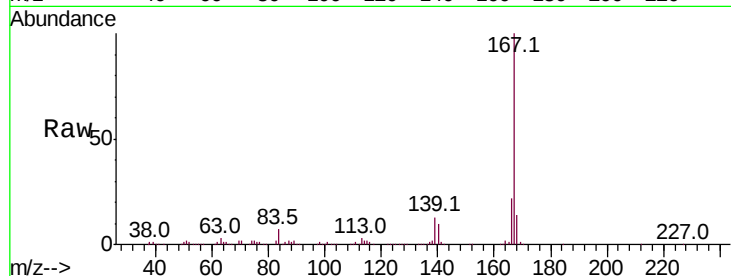




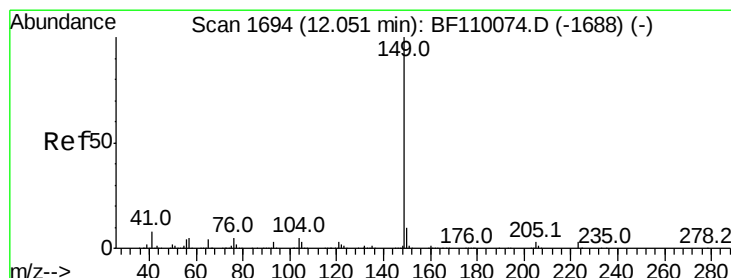
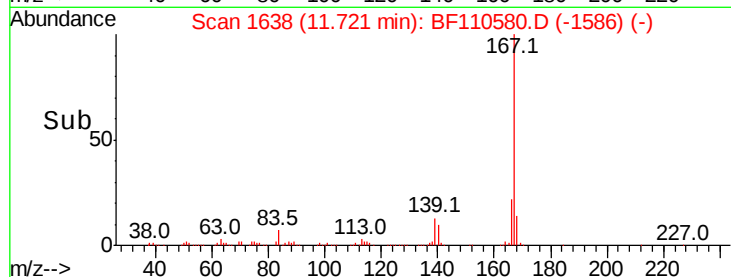
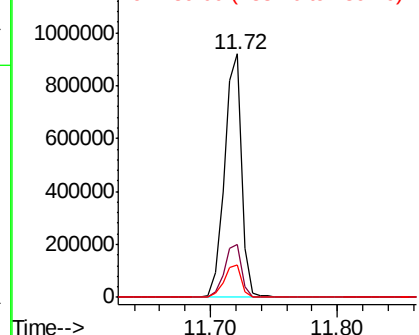
#73
 Carbazole
 Concen: 57.360 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 871420
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 13.3 10.9 16.3

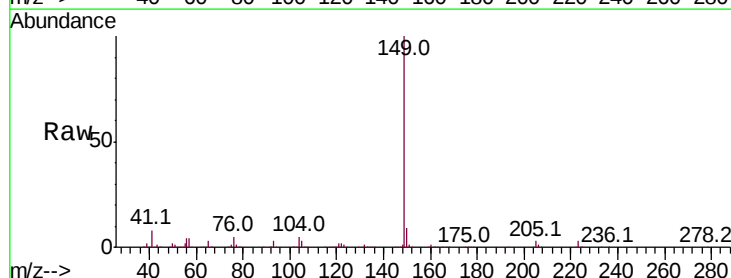


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

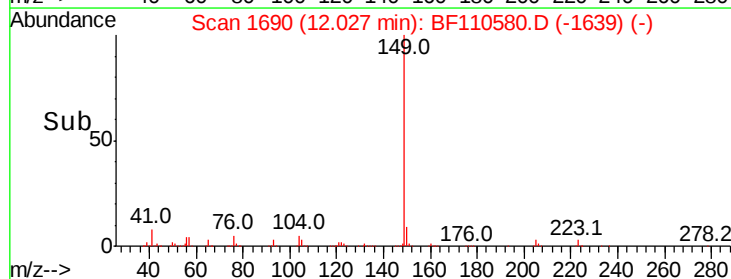
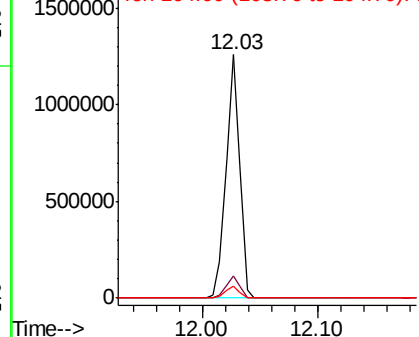


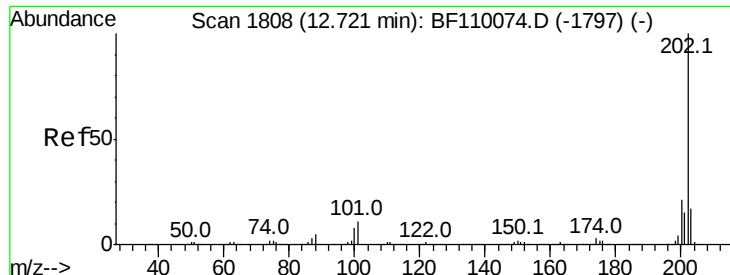
#74
 Di-n-butylphthalate
 Concen: 60.022 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Tgt Ion:149 Resp: 1029871
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.0 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

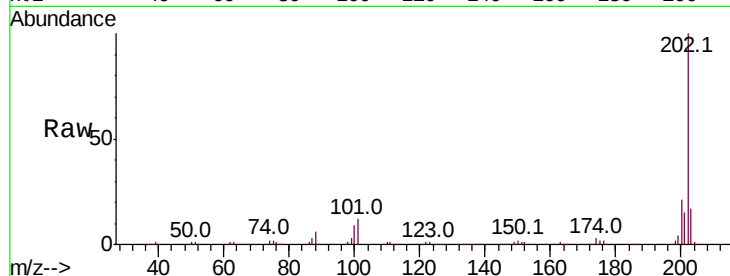




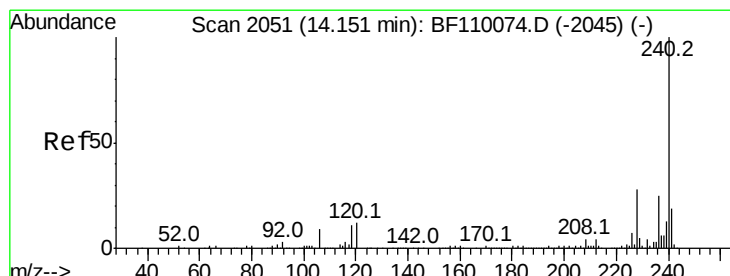
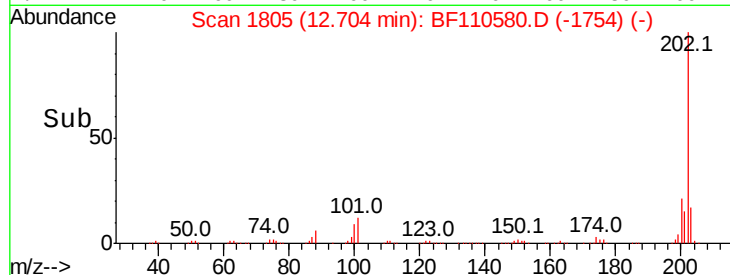
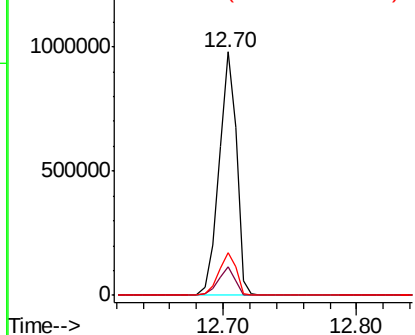
#75
 Fluoranthene
 Concen: 57.390 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 904144
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.4
 203 17.4 0.0 37.7

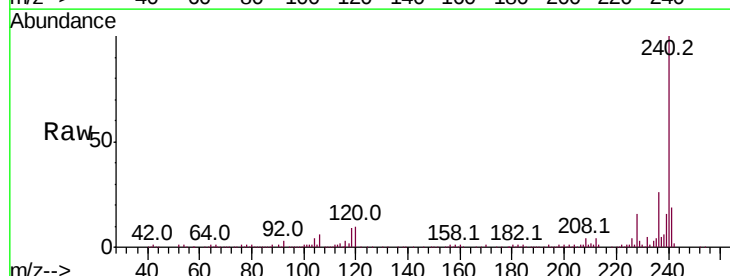


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

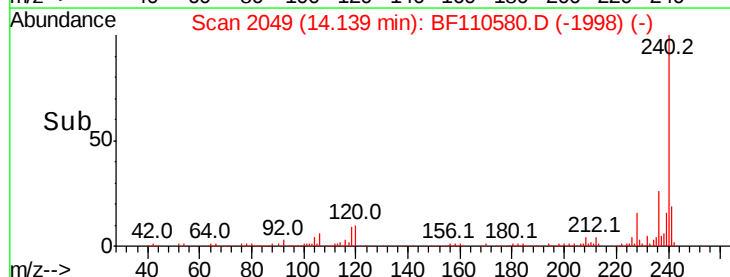
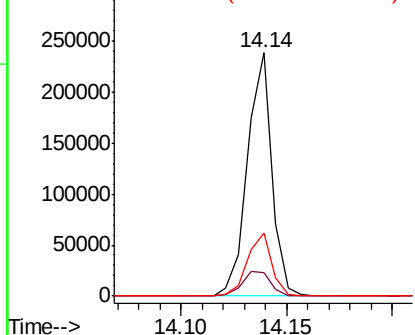


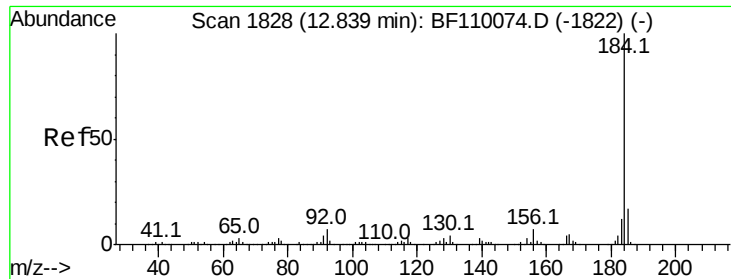
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Tgt Ion:240 Resp: 191486
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.3 12.5
 236 25.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.948 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

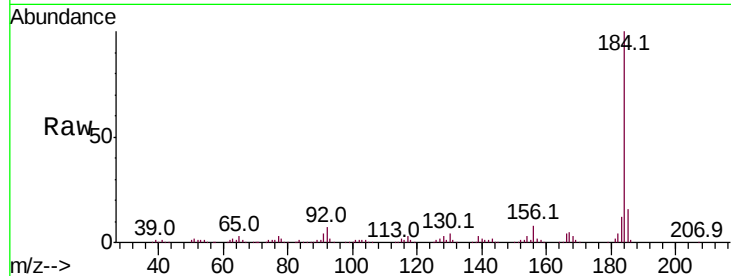
Tot Ion:184 Resp: 273449

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.2

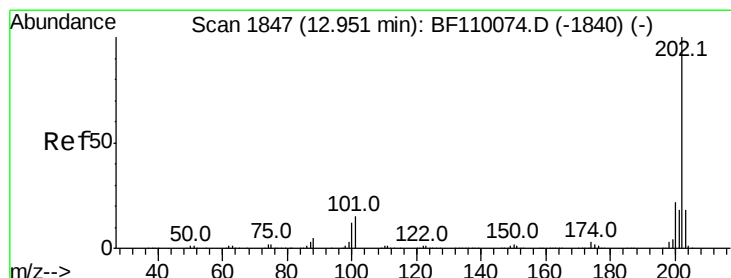
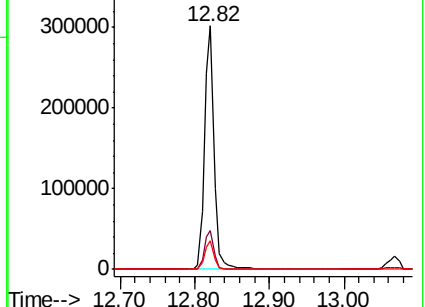
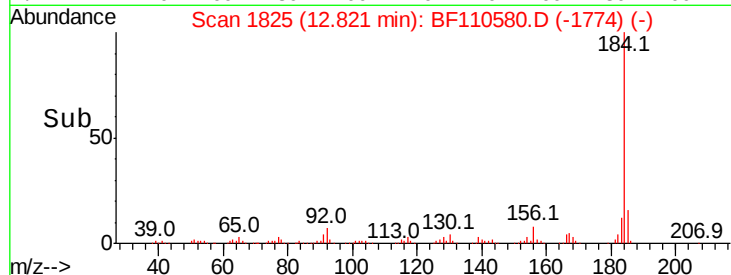
183 11.5 9.4 14.2



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: 66.619 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

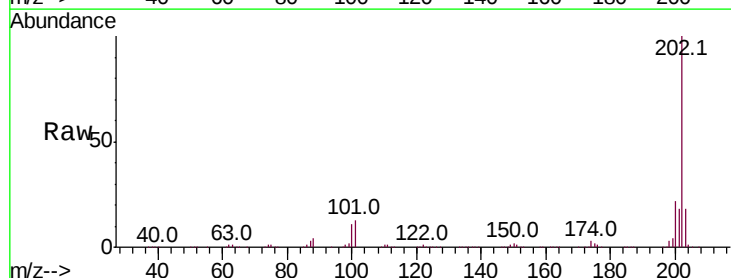
Tgt Ion:202 Resp: 914545

Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

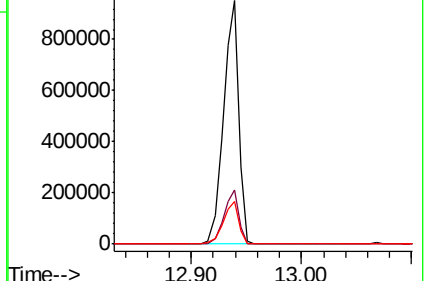
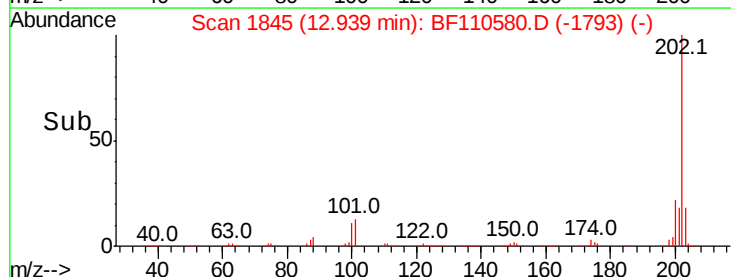
203 17.6 14.2 21.4



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: 132.886 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

Instrument :

BNA_F

ClientSampleId :

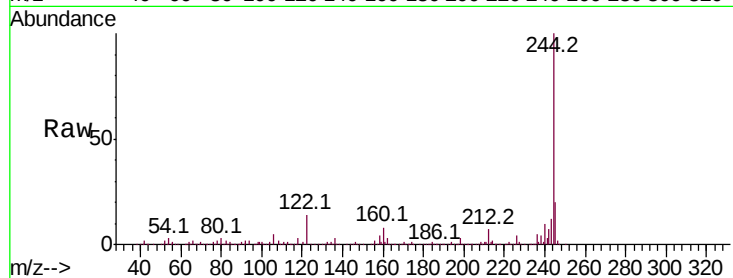
Tot Ion:244 Resp: 1223523

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

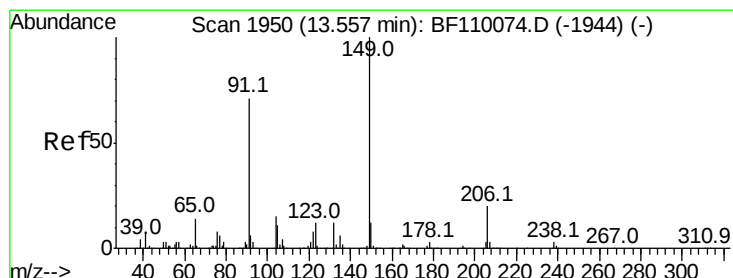
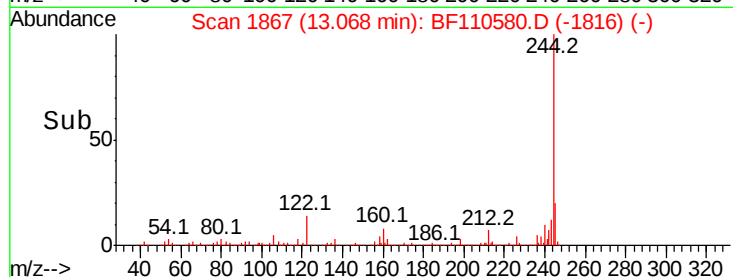
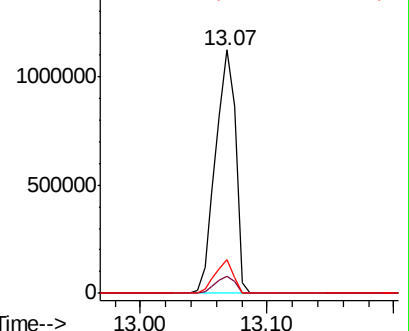
122 13.7 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 65.887 ng

RT: 13.53 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BF110580.D

Acq: 8 Nov 2018 13:03

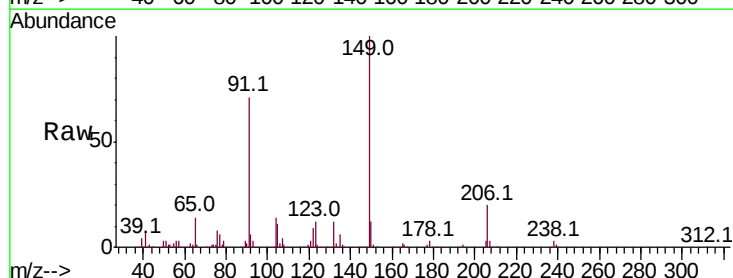
Tgt Ion:149 Resp: 392589

Ion Ratio Lower Upper

149 100

91 70.9 57.2 85.8

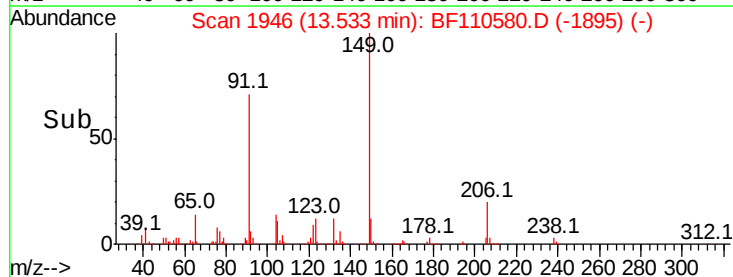
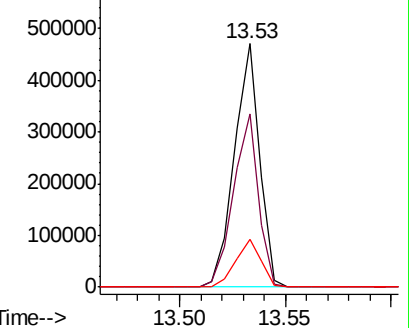
206 19.5 15.7 23.5

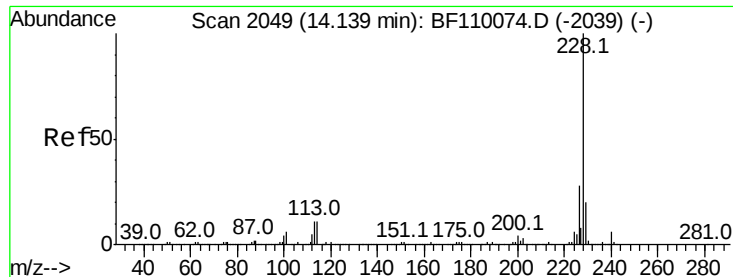


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

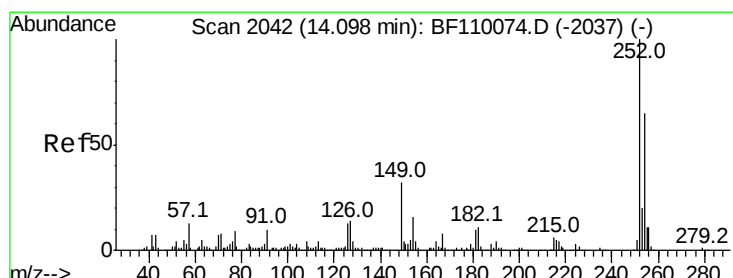
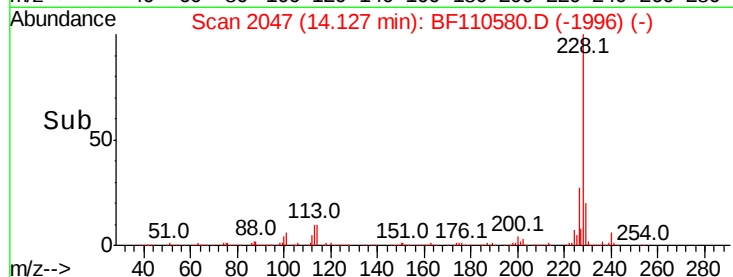
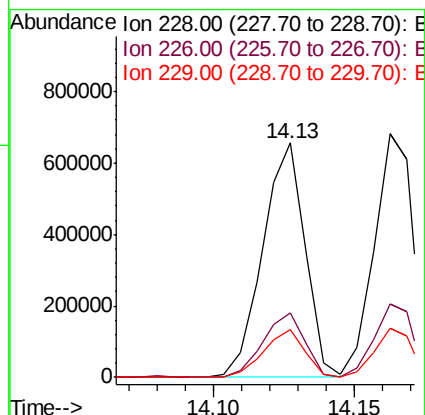
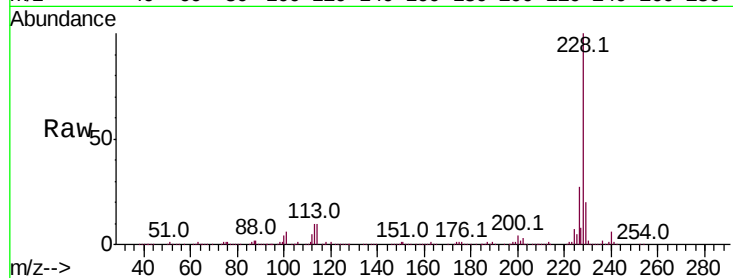




#81
Benzo(a)anthracene
Concen: 59.966 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

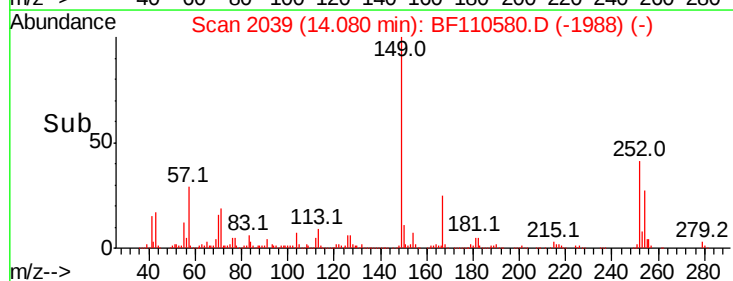
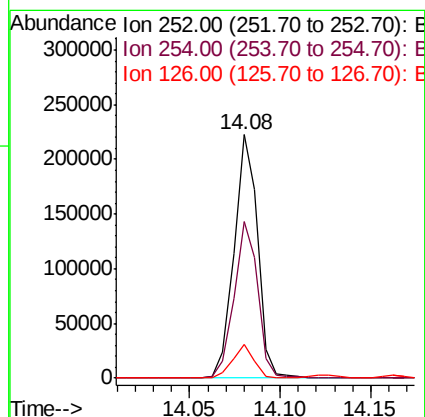
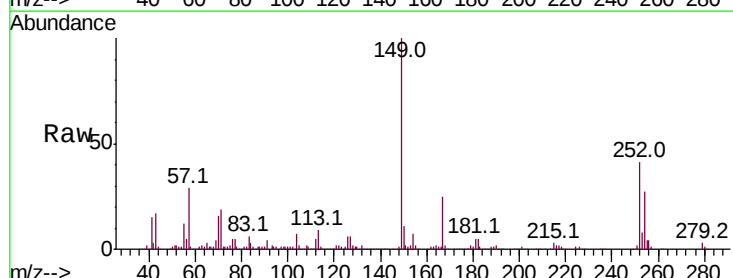
Instrument :
BNA_F
ClientSampleId :

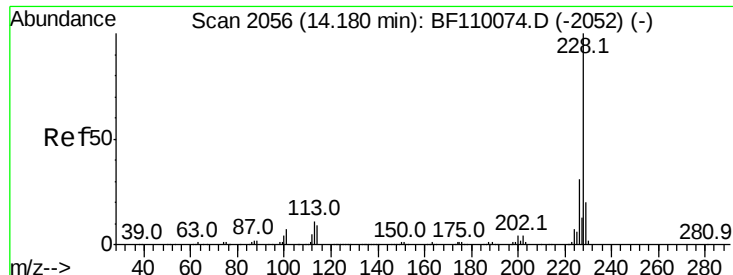
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.3	15.6	23.4



#82
3,3'-Dichlorobenzidine
Concen: 50.973 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	14.0	9.4	14.2

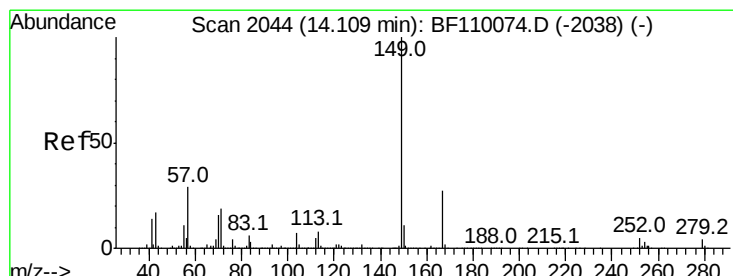
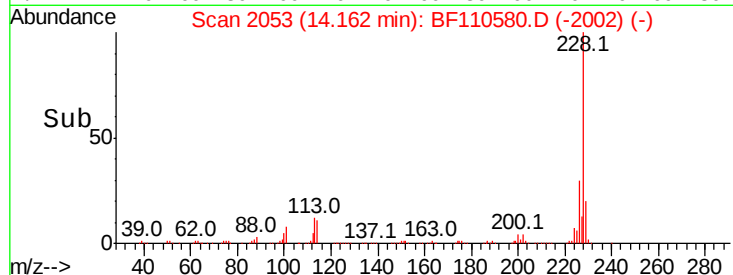
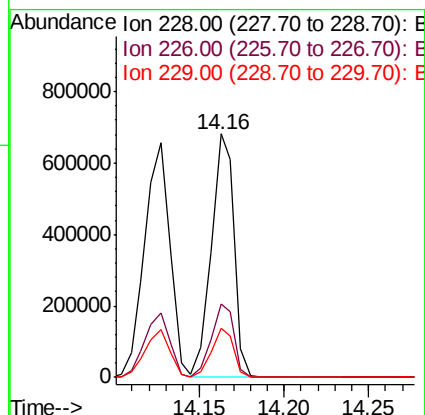
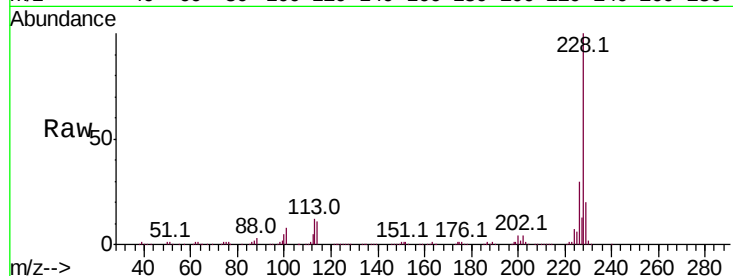




#83
 Chrysene
 Concen: 59.364 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

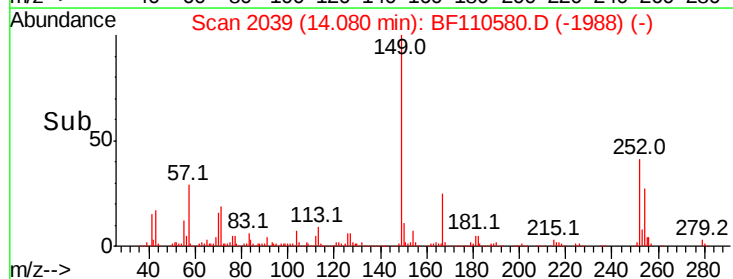
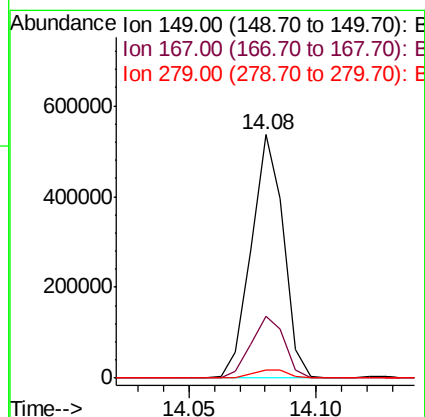
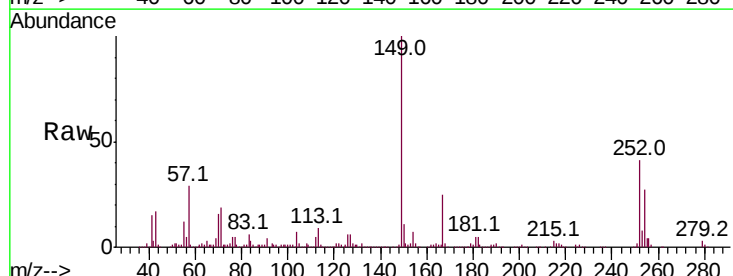
Instrument :
 BNA_F
 ClientSampleId :

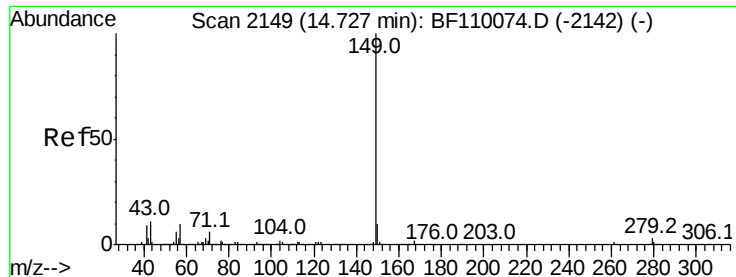
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	19.9	15.9	23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.724 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF110580.D
 Acq: 8 Nov 2018 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	19.8	29.8
279	3.4	2.7	4.1

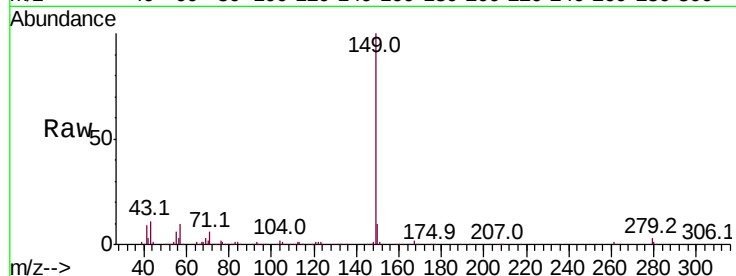




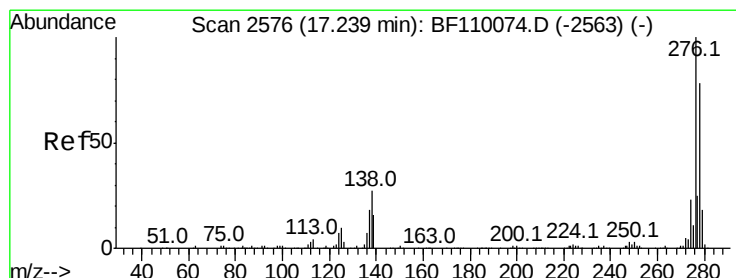
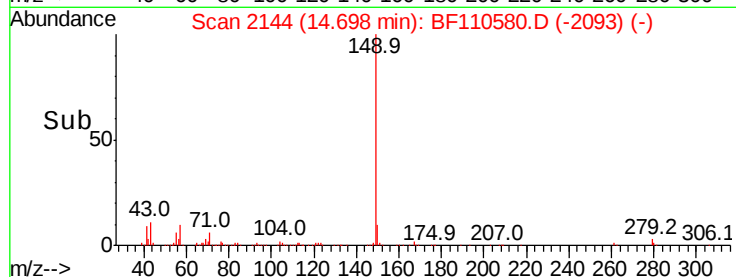
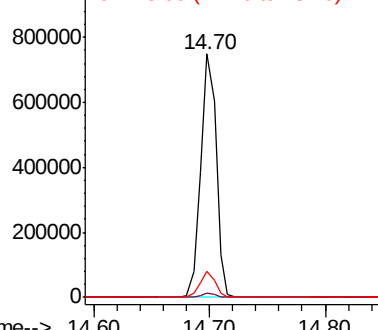
#85
Di-n-octyl phthalate
Concen: 55.543 ng
RT: 14.70 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 695640
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 7.8 11.8

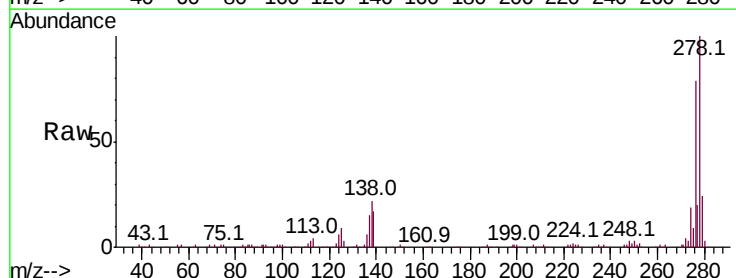


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

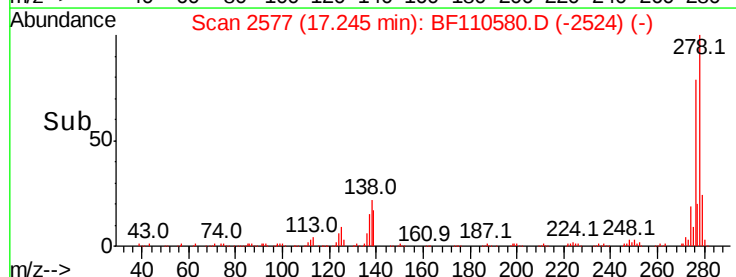
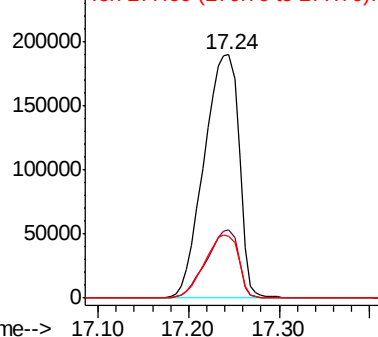


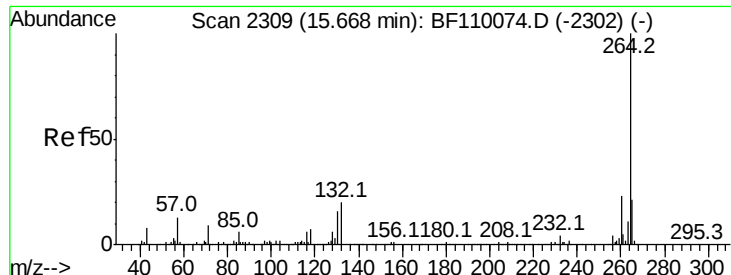
#86
Indeno(1,2,3-cd)pyrene
Concen: 56.893 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:276 Resp: 509059
Ion Ratio Lower Upper
276 100
138 25.6 18.5 27.7
277 25.3 20.0 30.0



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

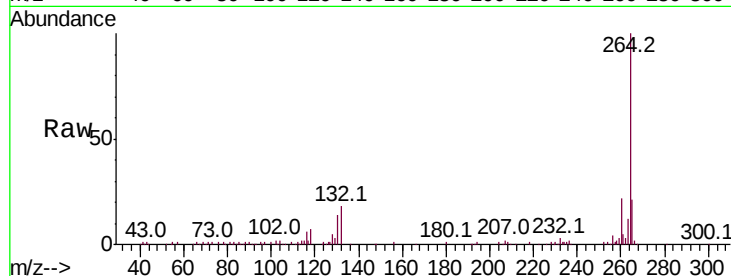




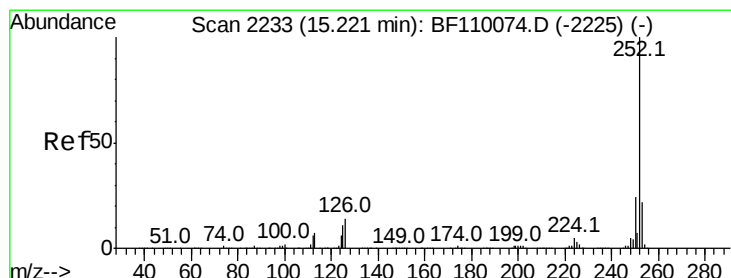
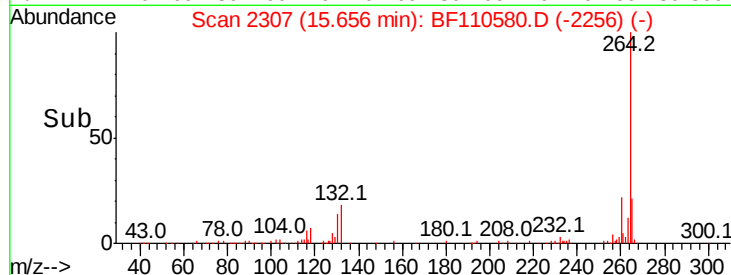
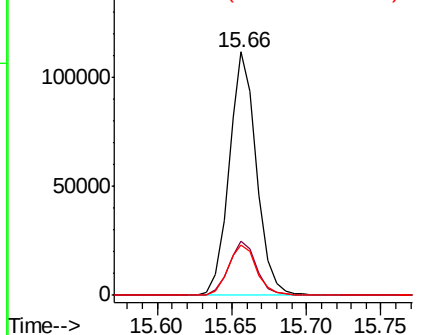
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 143176
Ion Ratio Lower Upper
264 100
260 22.4 18.7 28.1
265 20.7 16.7 25.1

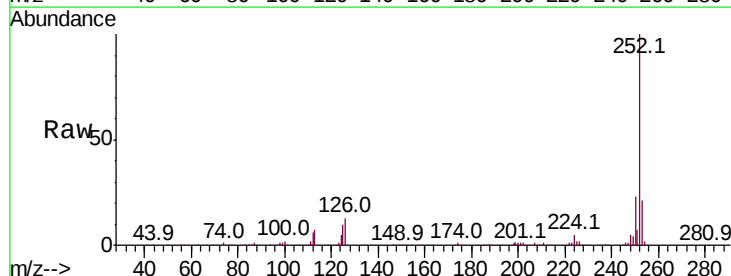


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

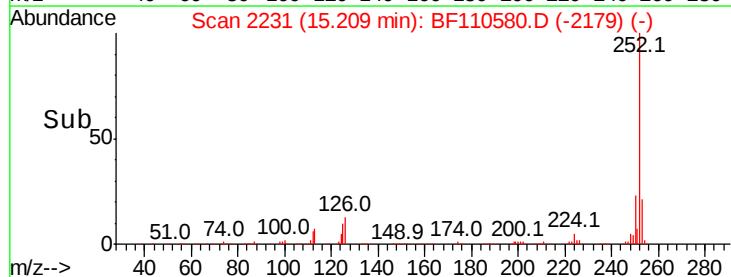
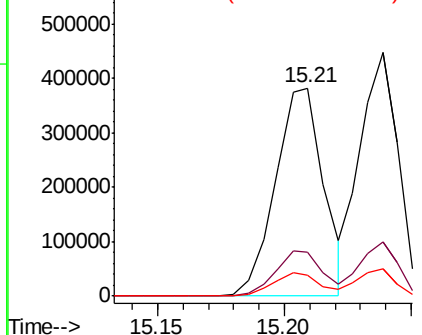


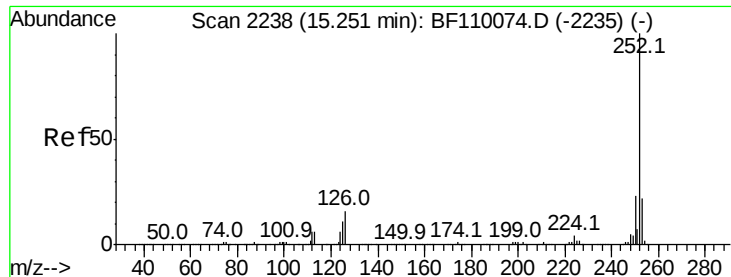
#88
Benzo(b)fluoranthene
Concen: 61.334 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:252 Resp: 507100
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 9.8 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

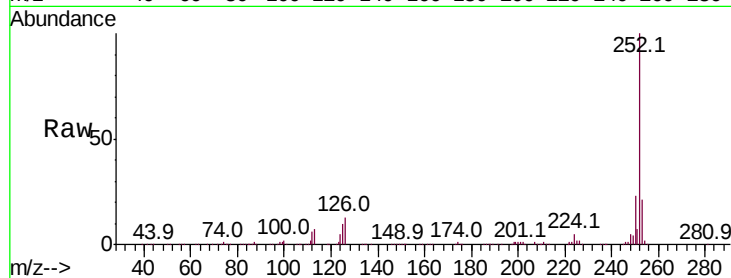




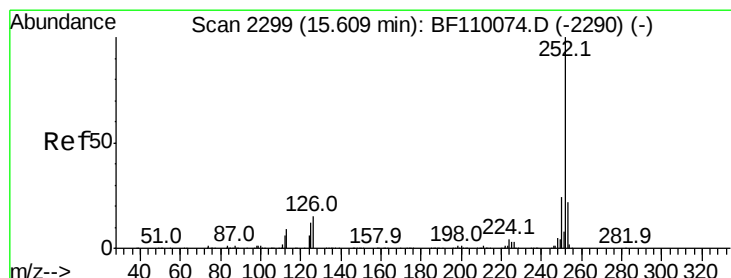
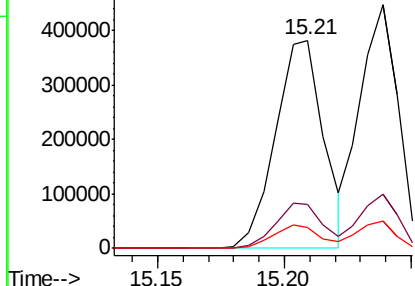
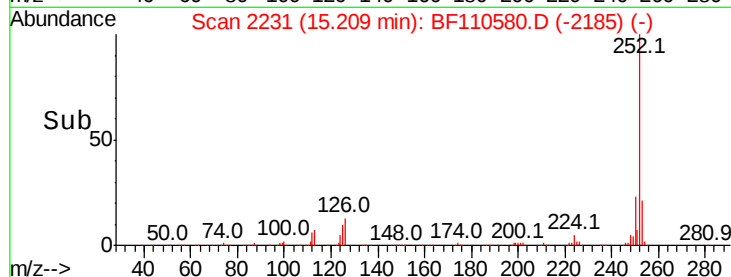
#89
Benzo(k)fluoranthene
Concen: 62.388 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 507100
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 9.8 7.4 11.0

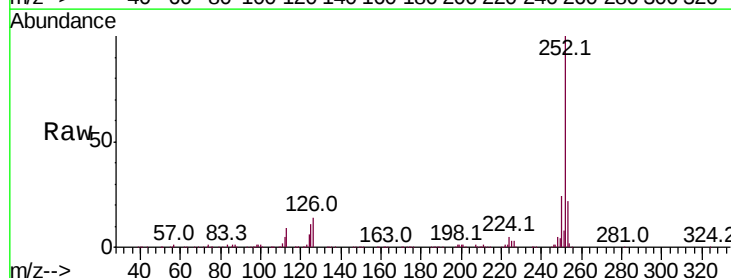


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

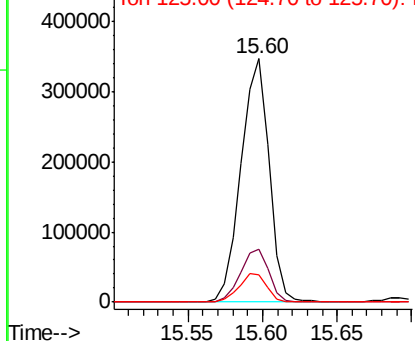
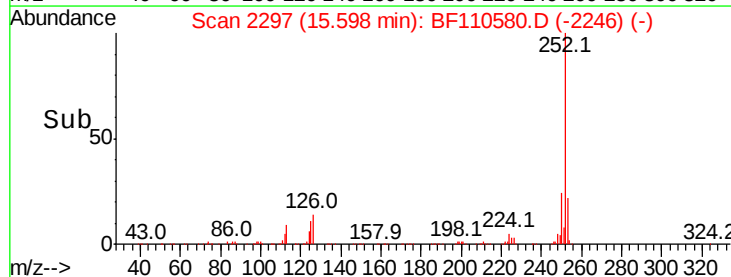


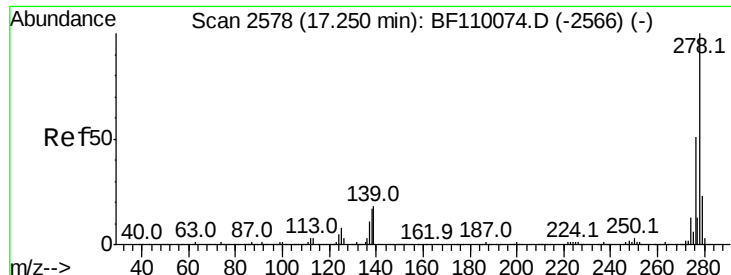
#90
Benzo(a)pyrene
Concen: 59.789 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:252 Resp: 454861
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.2 9.0 13.6



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

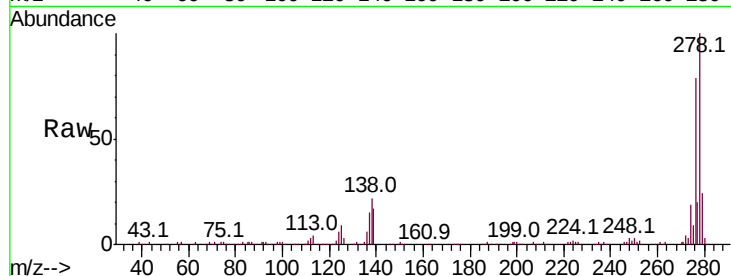




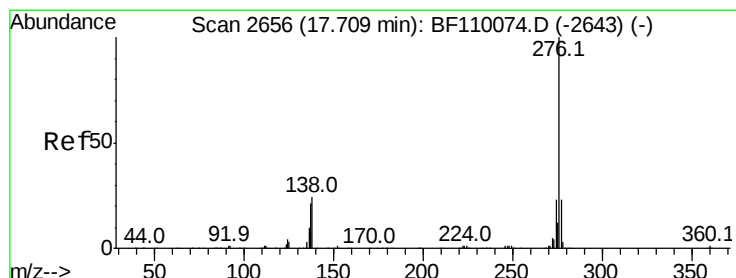
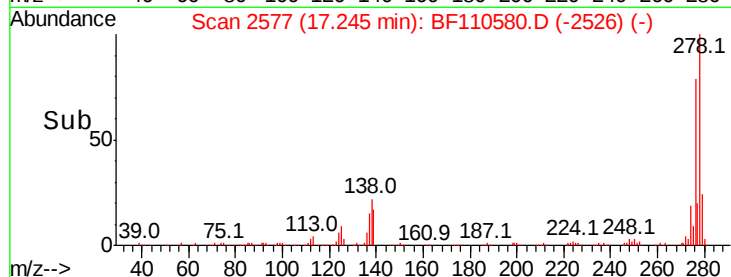
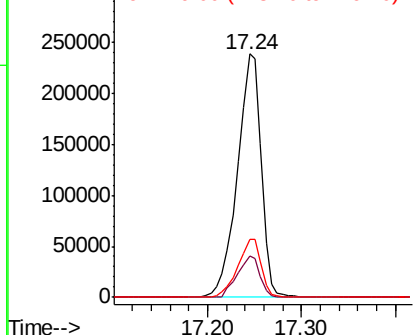
#91
Dibenzo(a,h)anthracene
Concen: 64.097 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 420762
Ion Ratio Lower Upper
278 100
139 16.8 12.7 19.1
279 23.6 19.0 28.4

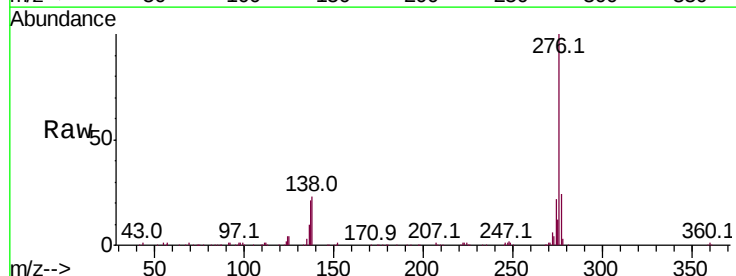


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 65.878 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110580.D
Acq: 8 Nov 2018 13:03

Tgt Ion:276 Resp: 426140
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 22.8 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

