

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110462.D
 Acq On : 5 Nov 2018 14:01
 Operator : JU/SJ
 Sample : J5745-18MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 16:55:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93930	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	398171	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	193387	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	350358	20.00	ng	0.00
76) Chrysene-d12	14.14	240	190557	20.00	ng	0.00
87) Perylene-d12	15.66	264	165410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	872341	151.24	ng	0.02
7) Phenol-d6	6.59	99	1137275	154.15	ng	0.01
23) Nitrobenzene-d5	7.53	82	726928	108.29	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	292574	152.73	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1347230	109.39	ng	0.00
79) Terphenyl-d14	13.07	244	1196496	130.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	98417	32.566	ng	90
3) Pyridine	3.66	79	231153	34.342	ng	87
4) n-Nitrosodimethylamine	3.61	42	154502	54.788	ng	89
6) Aniline	6.63	93	362982	37.768	ng	# 53
8) 2-Chlorophenol	6.75	128	339115	50.994	ng	96
9) Benzaldehyde	6.51	77	226837	63.111	ng	99
10) Phenol	6.60	94	474270	60.138	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	307722	47.428	ng	93
12) 1,3-Dichlorobenzene	6.90	146	341446	46.656	ng	97
13) 1,4-Dichlorobenzene	6.97	146	346654	46.836	ng	98
14) 1,2-Dichlorobenzene	7.13	146	331707	48.276	ng	99
15) Benzyl Alcohol	7.10	79	299589	52.797	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	498141	48.019	ng	72
17) 2-Methylphenol	7.20	107	277851	52.426	ng	# 85
18) Hexachloroethane	7.46	117	131182	48.410	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	235988	49.858	ng	96
20) 3+4-Methylphenols	7.36	107	350110	51.106	ng	92
22) Acetophenone	7.37	105	473012	51.556	ng	# 96
24) Nitrobenzene	7.55	77	351505	50.717	ng	93
25) Isophorone	7.78	82	667831	58.361	ng	96
26) 2-Nitrophenol	7.86	139	185042	56.106	ng	95
27) 2,4-Dimethylphenol	7.89	122	309835	56.663	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	413862	53.239	ng	99
29) 2,4-Dichlorophenol	8.10	162	294247	53.264	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	303145	48.990	ng	97
31) Naphthalene	8.26	128	983845	53.612	ng	99
32) Benzoic acid	7.98	122	40498	9.583	ng	96
33) 4-Chloroaniline	8.31	127	205994	24.941	ng	97
34) Hexachlorobutadiene	8.37	225	167444	48.736	ng	99
35) Caprolactam	8.76	113	36653	19.036	ng	94
36) 4-Chloro-3-methylphenol	8.79	107	324140	54.260	ng	97
37) 2-Methylnaphthalene	8.96	142	695073	57.246	ng	99
38) 1-Methylnaphthalene	9.06	142	653939	55.733	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	296539	49.214	ng	98

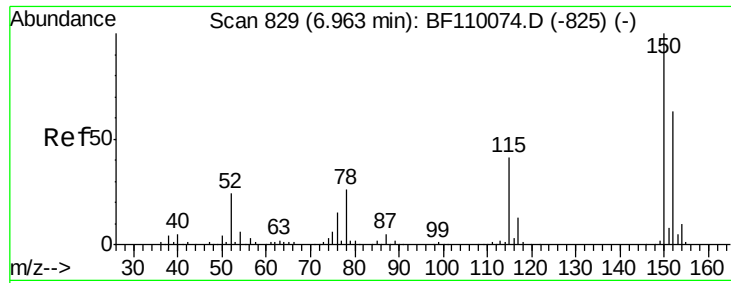
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110462.D
 Acq On : 5 Nov 2018 14:01
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	279350	90.667	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	201423	51.827	nq	94
44) 2,4,5-Trichlorophenol	9.27	196	213367	51.938	nq	95
46) 1,1'-Biphenyl	9.42	154	851691	48.702	nq	99
47) 2-Chloronaphthalene	9.45	162	641771	50.029	nq	98
48) 2-Nitroaniline	9.55	65	207578	53.400	nq	97
49) Acenaphthylene	9.86	152	992479	53.566	nq	98
50) Dimethylphthalate	9.72	163	952196	66.702	nq	99
51) 2,6-Dinitrotoluene	9.79	165	166817	54.250	nq	98
52) Acenaphthene	10.03	154	601960	49.111	nq	98
53) 3-Nitroaniline	9.96	138	131297	35.906	nq	84
54) 2,4-Dinitrophenol	10.07	184	69603	58.519	nq	87
55) Dibenzofuran	10.21	168	863132	50.296	nq	97
56) 4-Nitrophenol	10.13	139	336201	124.224	nq	98
57) 2,4-Dinitrotoluene	10.20	165	216057	55.317	nq	95
58) Fluorene	10.55	166	707868	55.423	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	178437	53.290	nq	94
60) Diethylphthalate	10.42	149	721544	51.779	nq	100
61) 4-Chlorophenyl-phenylether	10.54	204	332091	49.289	nq	96
62) 4-Nitroaniline	10.59	138	179294	49.298	nq	91
63) Azobenzene	10.70	77	705213	50.984	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	77038	48.128	nq	91
66) n-Nitrosodiphenylamine	10.66	169	604517	52.604	nq	95
67) 4-Bromophenyl-phenylether	11.03	248	195984	51.570	nq	# 89
68) Hexachlorobenzene	11.10	284	207943	51.569	nq	99
69) Atrazine	11.19	200	192945	53.129	nq	99
70) Pentachlorophenol	11.30	266	179185	76.208	nq	98
71) Phenanthrene	11.52	178	985993	53.784	nq	100
72) Anthracene	11.57	178	1020360	55.529	nq	99
73) Carbazole	11.73	167	877013	48.882	nq	99
74) Di-n-butylphthalate	12.03	149	1068554	52.734	nq	100
75) Fluoranthene	12.71	202	952661	51.204	nq	99
77) Benzidine	12.83	184	73517	9.446	nq	97
78) Pyrene	12.94	202	933382	68.323	nq	99
80) Butylbenzylphthalate	13.54	149	376433	63.484	nq	97
81) Benzo(a)anthracene	14.13	228	647459	57.295	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	137518	34.947	nq	99
83) Chrysene	14.17	228	594474	55.386	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	481888	60.119	nq	98
85) Di-n-octyl phthalate	14.70	149	685847	55.028	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	621306	69.777	nq	97
88) Benzo(b)fluoranthene	15.21	252	515544	53.973	nq	99
89) Benzo(k)fluoranthene	15.21	252	515544	54.901	nq	99
90) Benzo(a)pyrene	15.60	252	507868	57.783	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	512109	67.527	nq	98
92) Benzo(g,h,i)perylene	17.72	276	534784	71.560	nq	99

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

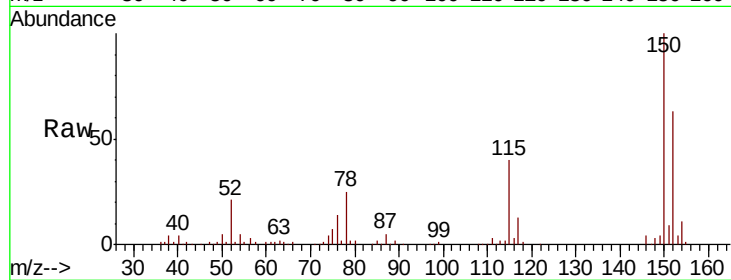


#1

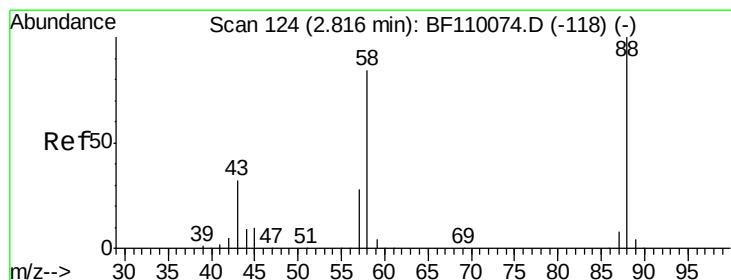
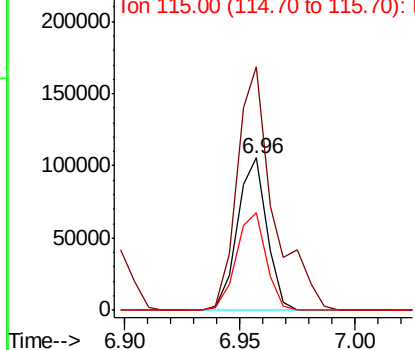
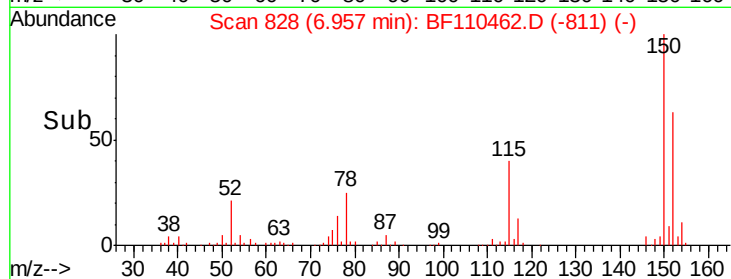
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93930
Ion Ratio Lower Upper
152 100
150 159.8 122.7 184.1
115 63.9 49.1 73.7



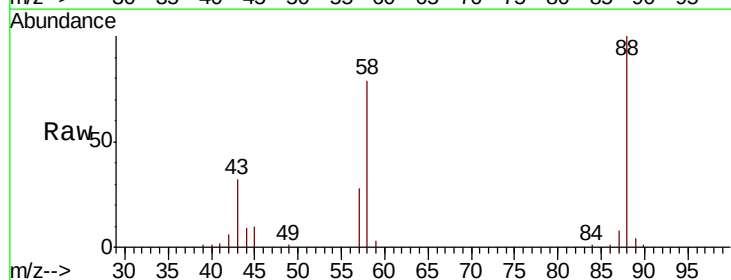
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



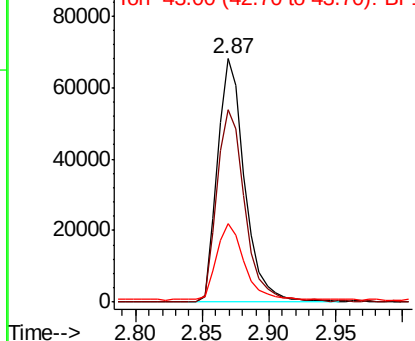
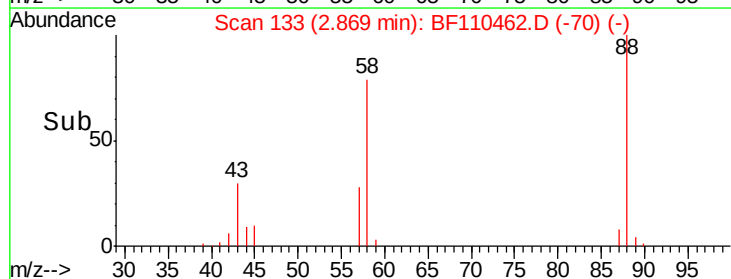
#2

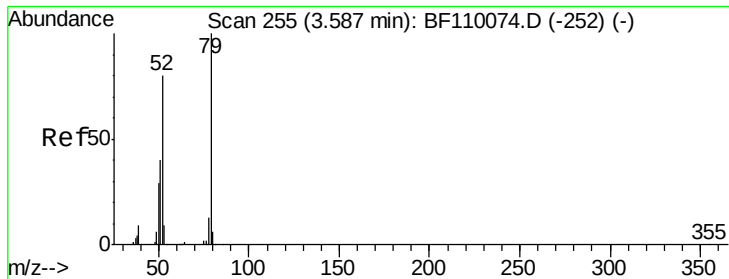
1,4-Dioxane
Concen: 32.566 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.07 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion: 88 Resp: 98417
Ion Ratio Lower Upper
88 100
58 81.5 57.1 85.7
43 32.3 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: 34.342 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

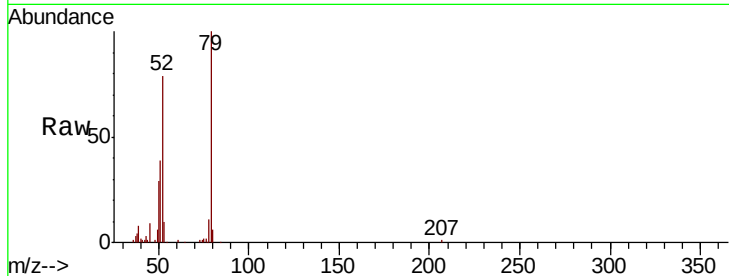
Tot Ion: 79 Resp: 231153

Ion Ratio Lower Upper

79 100

52 78.8 53.1 79.7

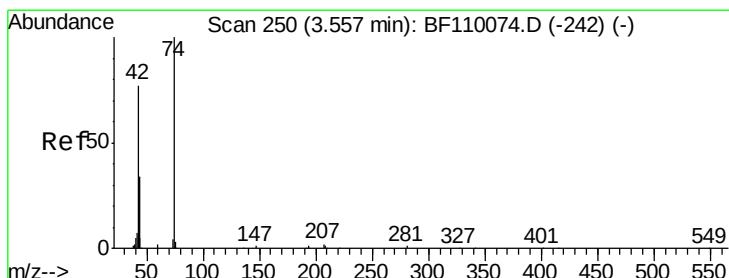
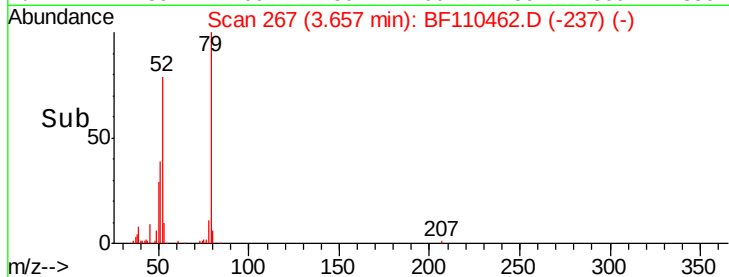
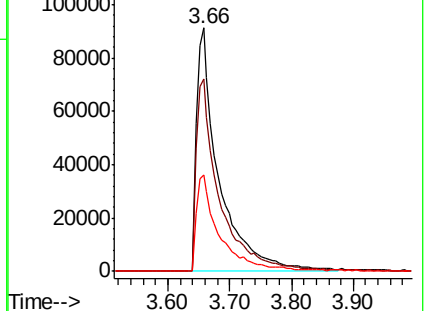
51 39.4 27.4 41.2



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: 54.788 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.06 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

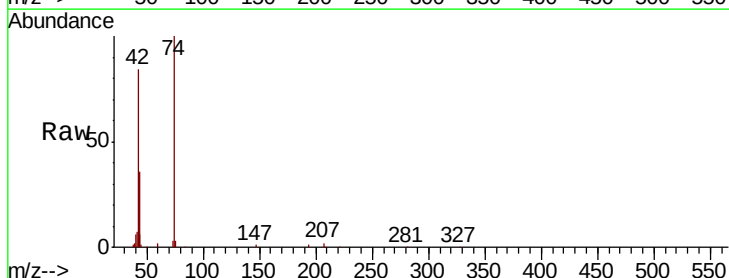
Tgt Ion: 42 Resp: 154502

Ion Ratio Lower Upper

42 100

74 118.8 105.5 158.3

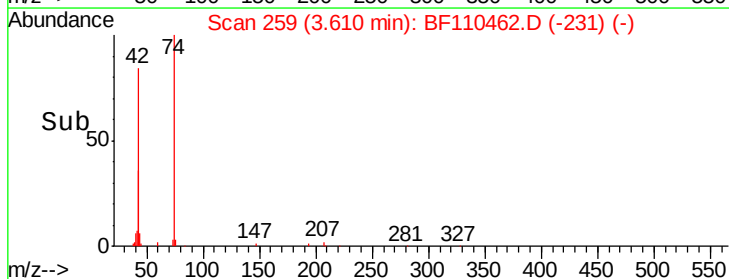
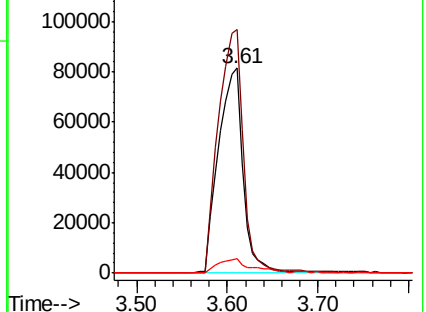
44 7.3 4.9 7.3

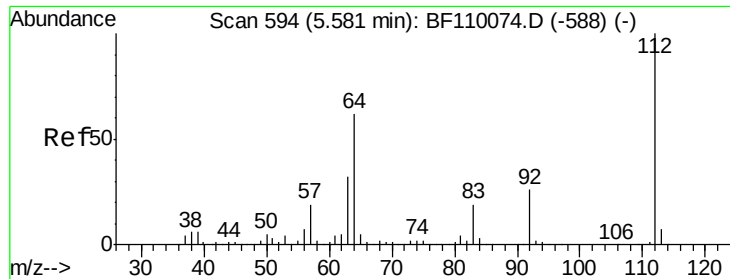


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 151.237 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampled :

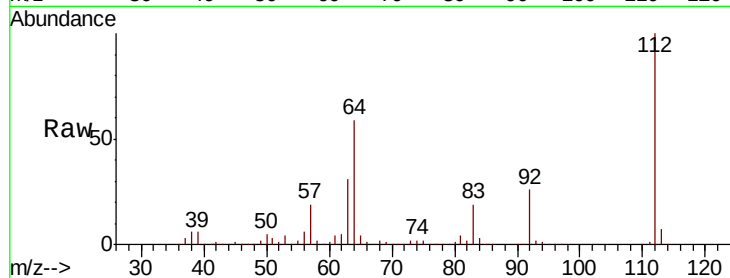
Tot Ion:112 Resp: 872341

Ion Ratio Lower Upper

112 100

64 58.7 44.1 66.1

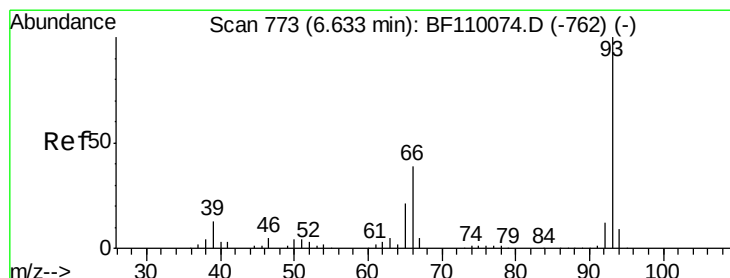
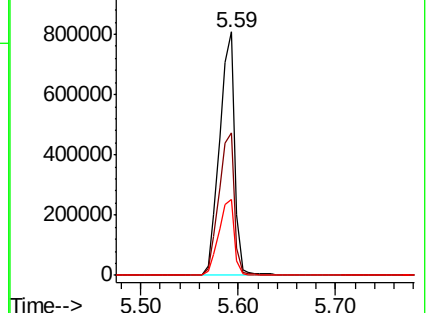
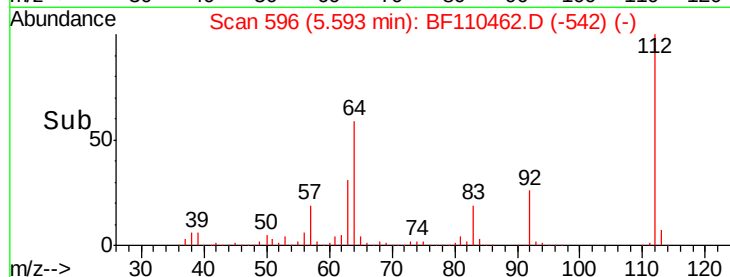
63 31.1 23.7 35.5



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: 37.768 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

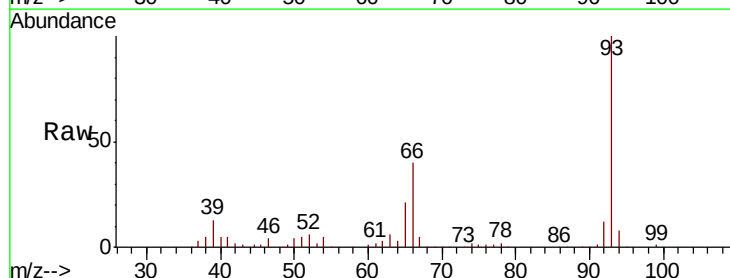
Tgt Ion: 93 Resp: 362982

Ion Ratio Lower Upper

93 100

66 40.1 67.4 101.0#

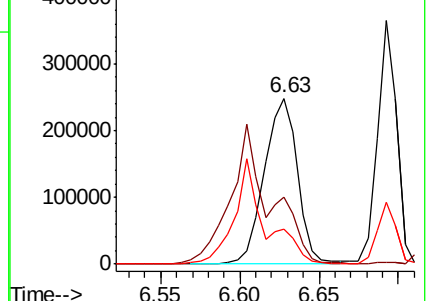
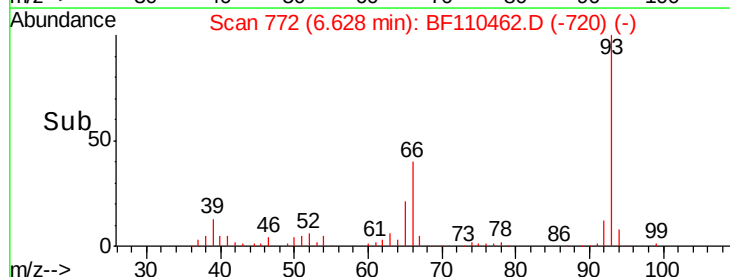
65 21.1 41.0 61.4#

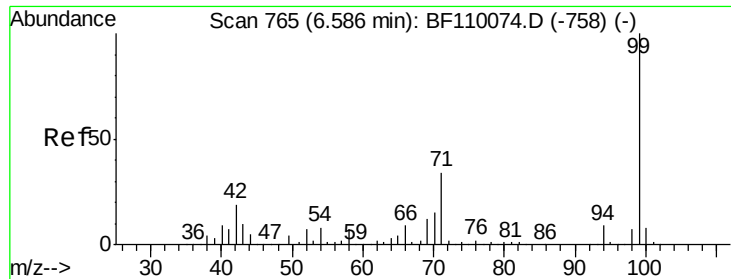


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 154.149 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

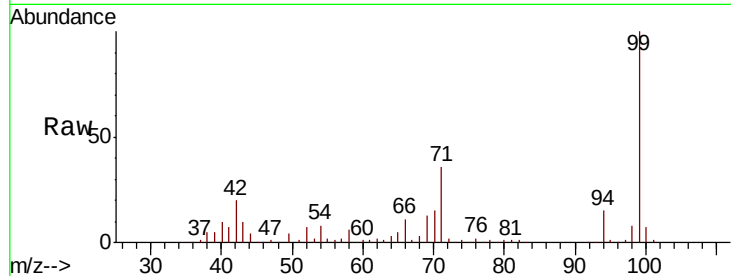
Tot Ion: 99 Resp: 1137275

Ion Ratio Lower Upper

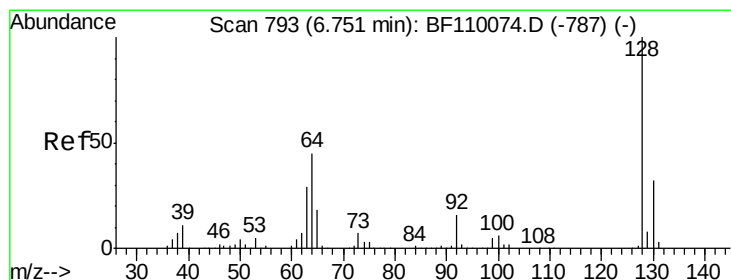
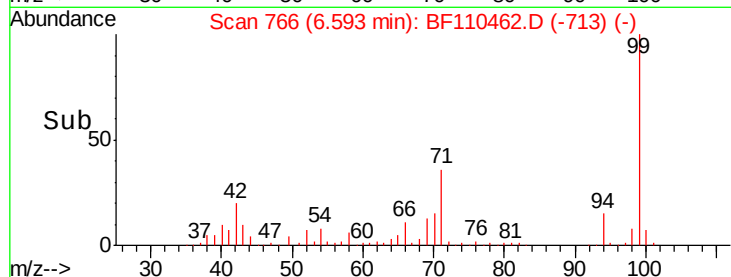
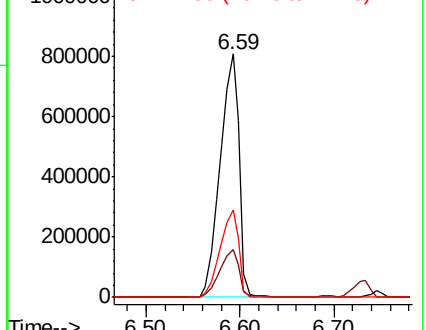
99 100

42 19.6 15.8 23.6

71 35.9 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: 50.994 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

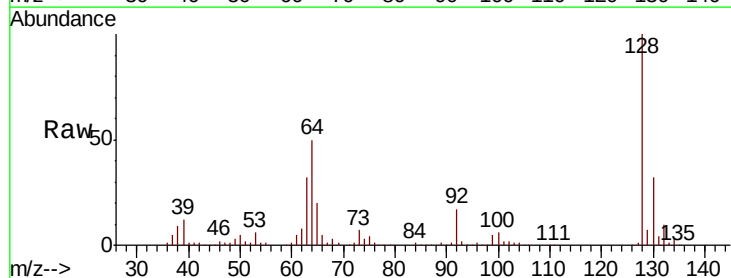
Tgt Ion: 128 Resp: 339115

Ion Ratio Lower Upper

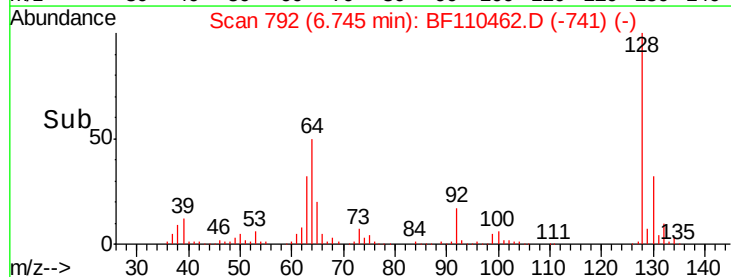
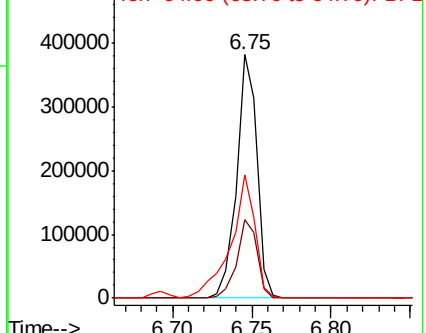
128 100

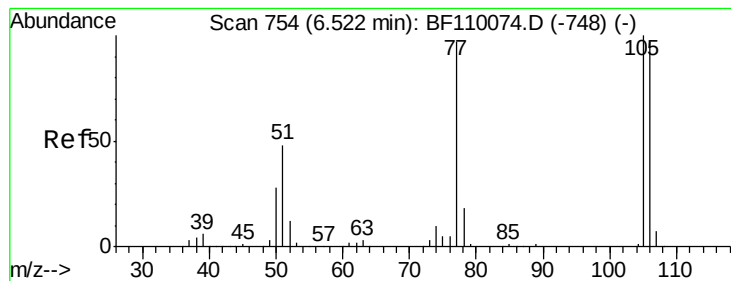
130 32.3 13.1 53.1

64 50.4 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: 63.111 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

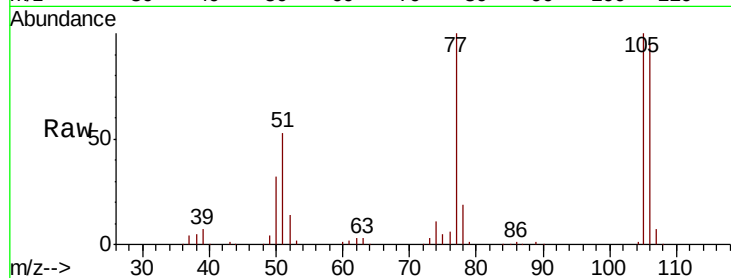
Tot Ion: 77 Resp: 226837

Ion Ratio Lower Upper

77 100

105 99.8 78.6 118.6

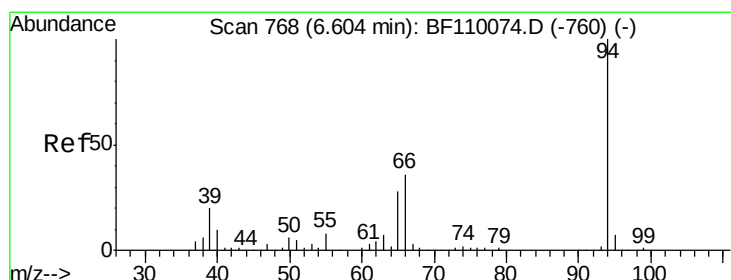
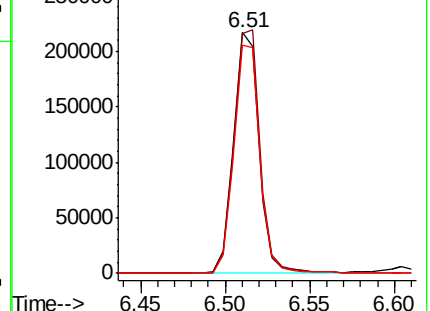
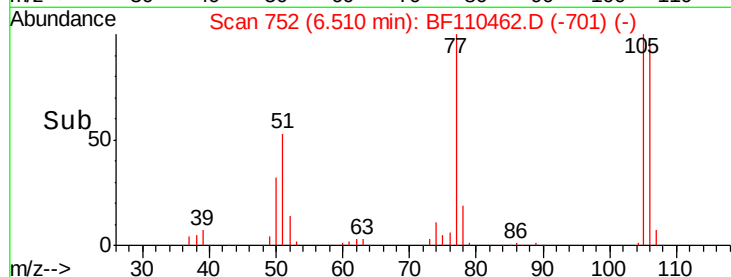
106 95.2 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 60.138 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

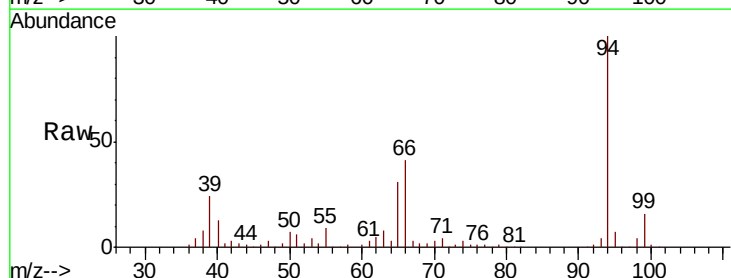
Tgt Ion: 94 Resp: 474270

Ion Ratio Lower Upper

94 100

65 30.9 25.3 65.3

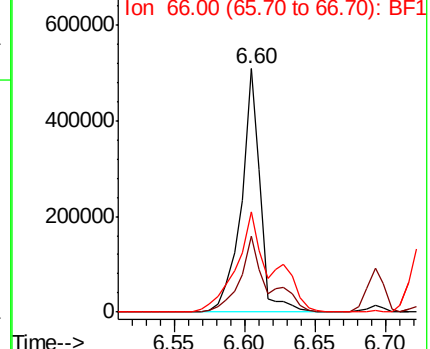
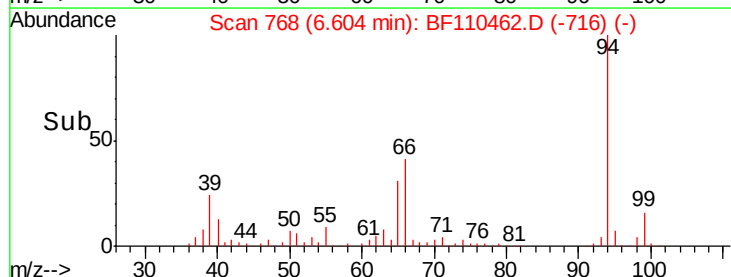
66 41.3 54.5 94.5#

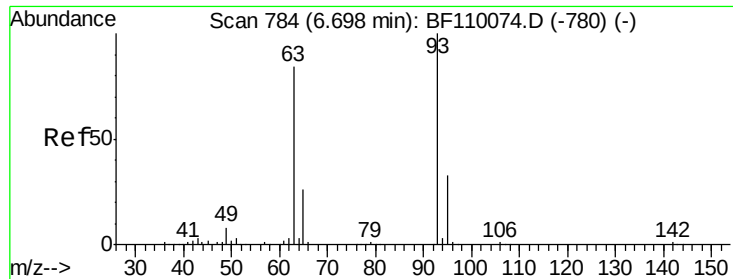


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

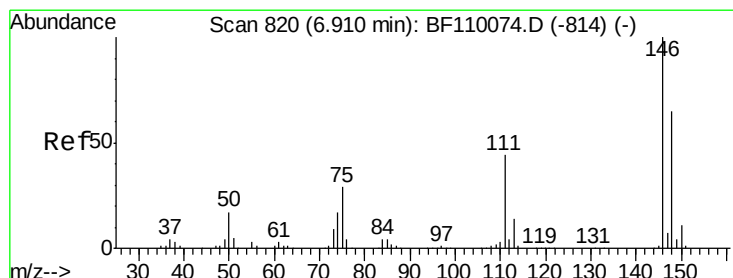
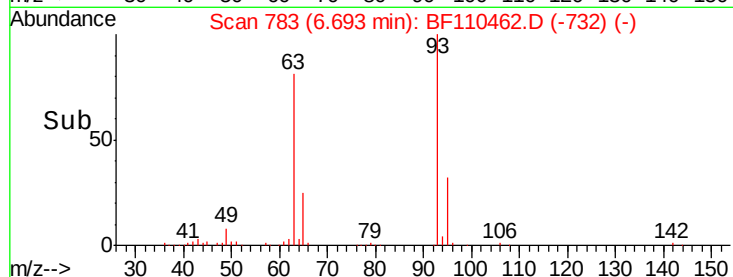
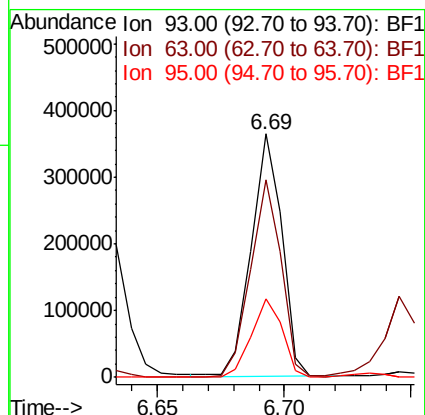
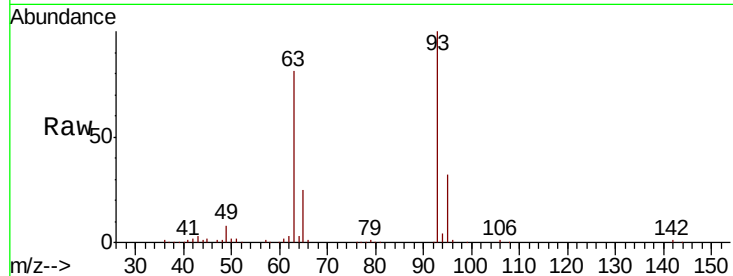




#11
 bis(2-Chloroethyl)ether
 Concen: 47.428 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

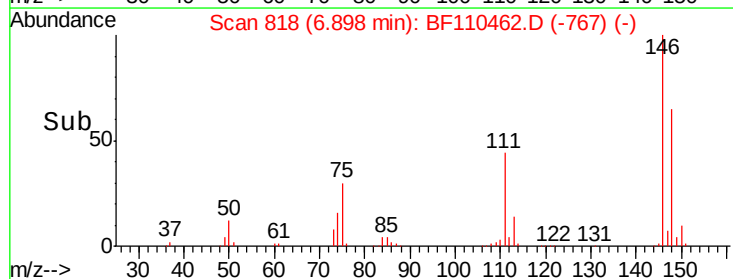
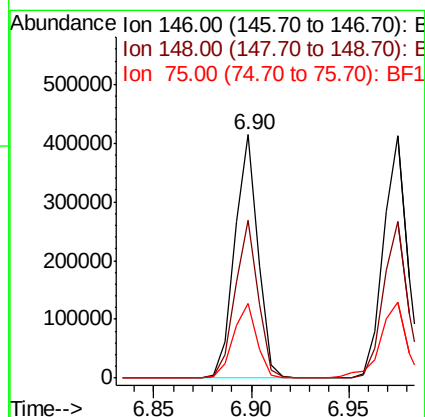
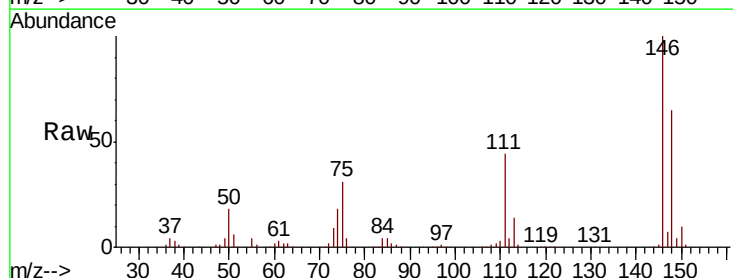
Instrument :
 BNA_F
 ClientSampled :

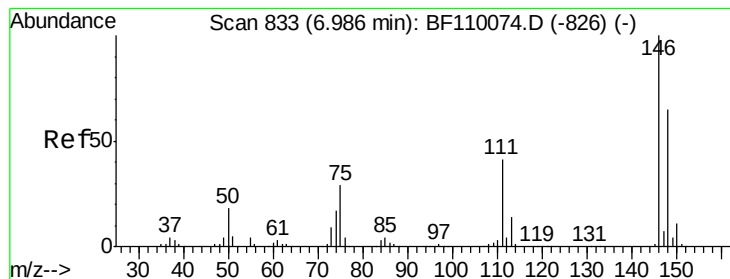
Tot Ion: 93 Resp: 307722
 Ion Ratio Lower Upper
 93 100
 63 81.1 53.4 93.4
 95 32.3 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 46.656 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion: 146 Resp: 341446
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.4 75.6
 75 30.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 46.836 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

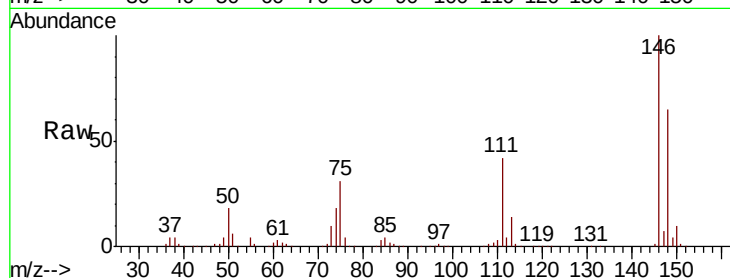
Tot Ion:146 Resp: 346654

Ion Ratio Lower Upper

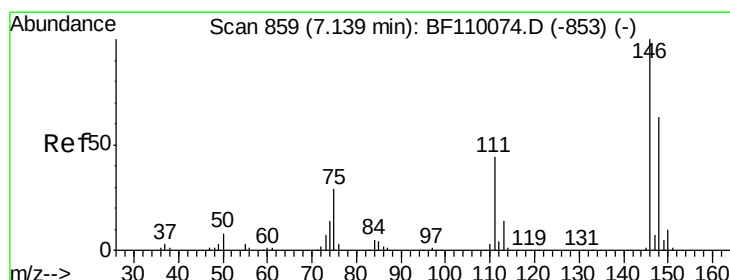
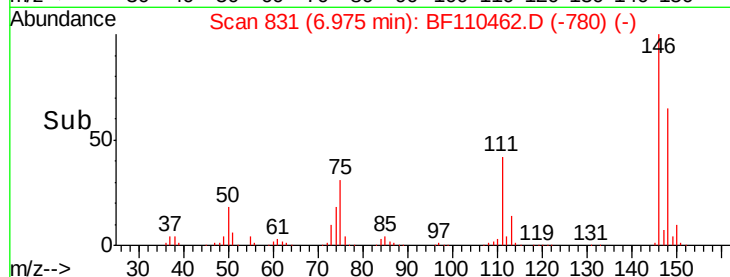
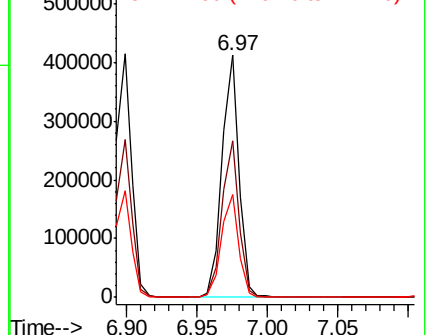
146 100

148 64.9 50.3 75.5

111 42.3 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.276 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

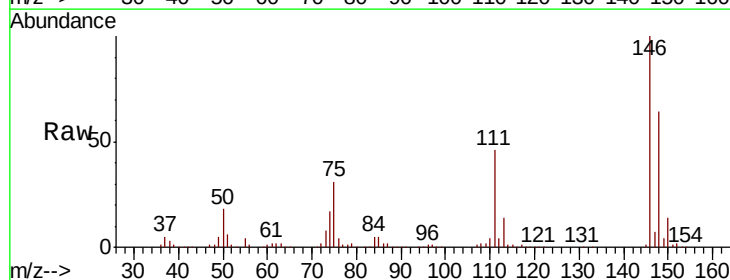
Tgt Ion:146 Resp: 331707

Ion Ratio Lower Upper

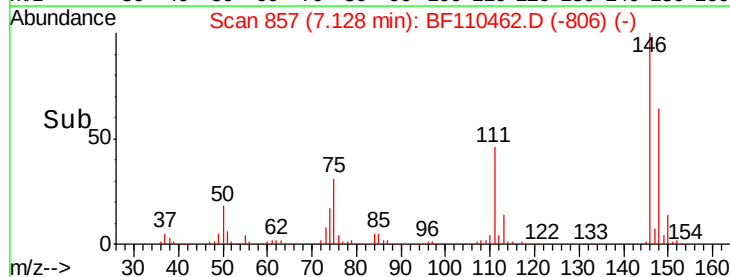
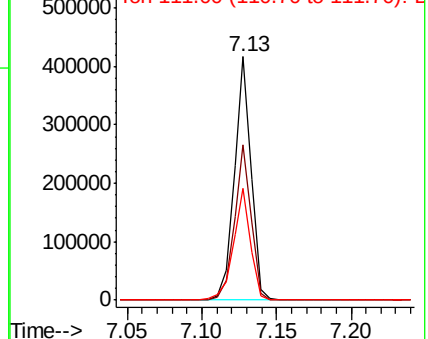
146 100

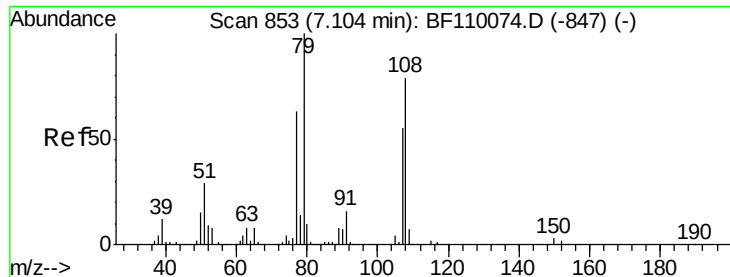
148 63.9 51.1 76.7

111 45.9 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.797 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

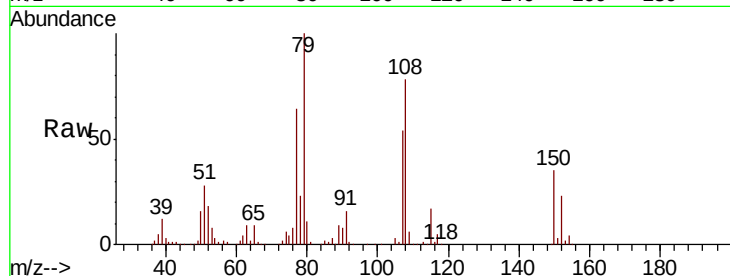
Tot Ion: 79 Resp: 299589

Ion Ratio Lower Upper

79 100

108 77.8 56.3 84.5

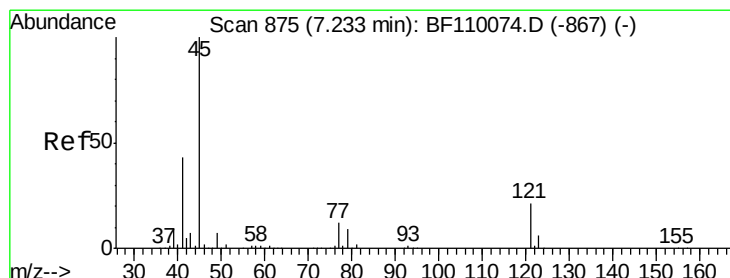
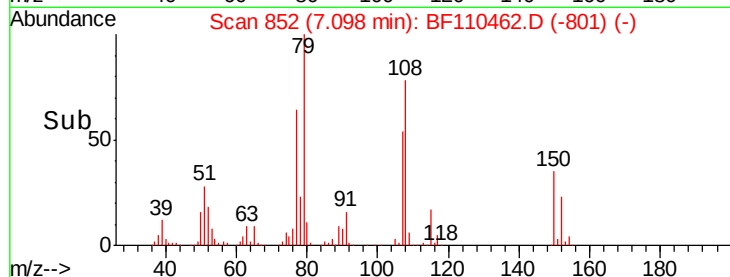
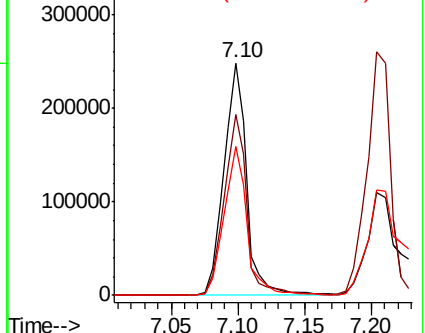
77 64.1 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.019 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

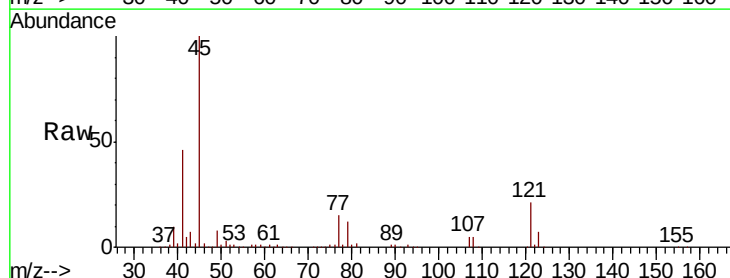
Tgt Ion: 45 Resp: 498141

Ion Ratio Lower Upper

45 100

77 15.0 10.0 50.0

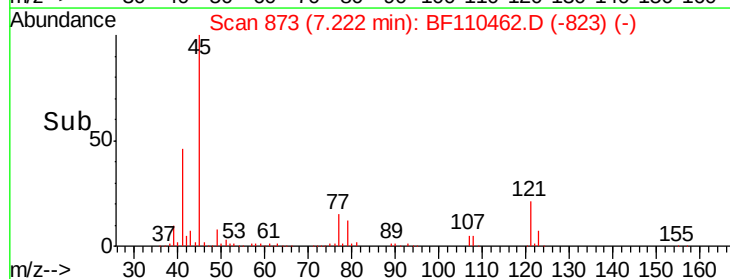
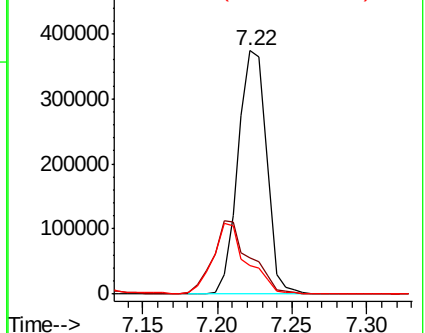
79 11.7 6.1 46.1

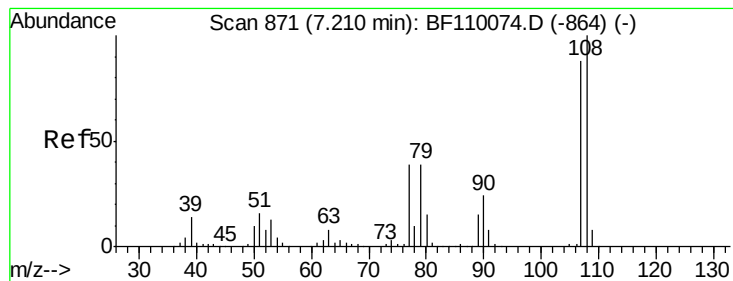


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

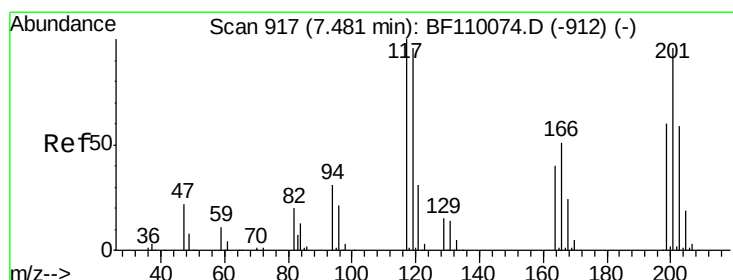
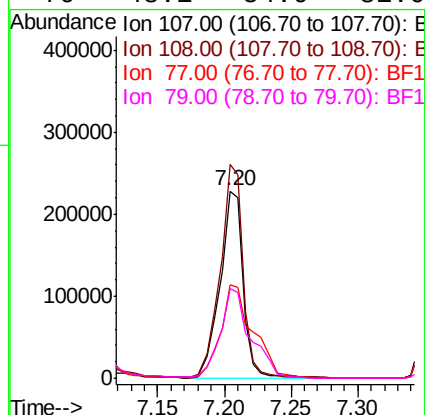
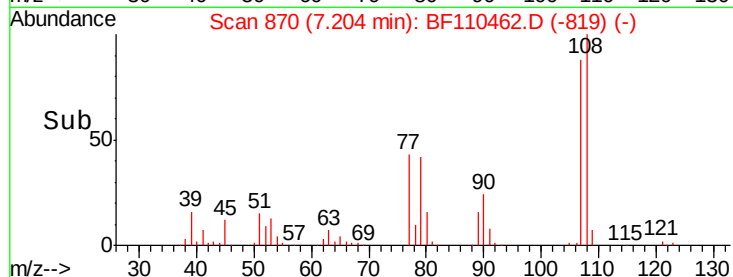
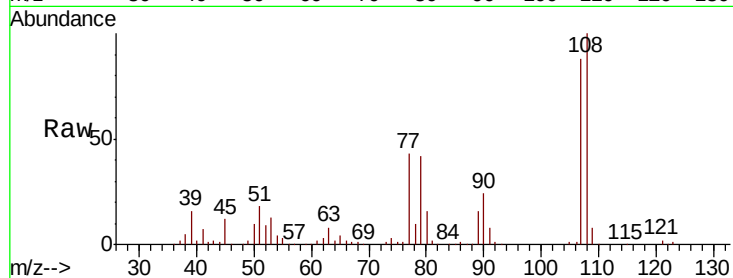




#17
2-Methylphenol
Concen: 52.426 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

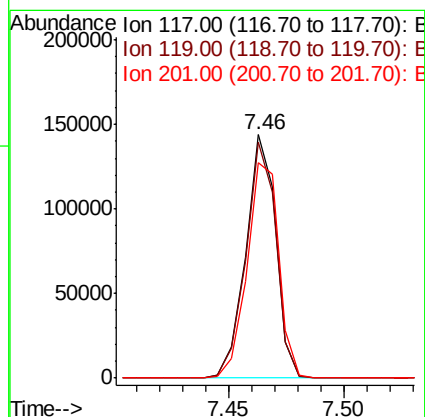
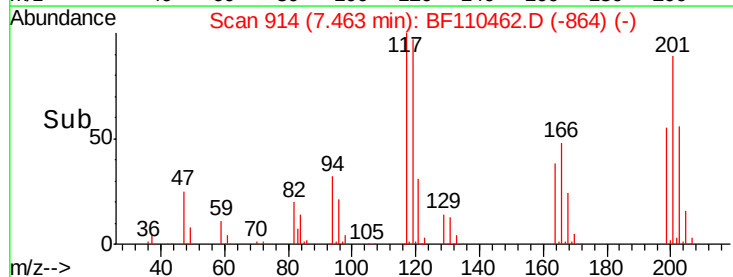
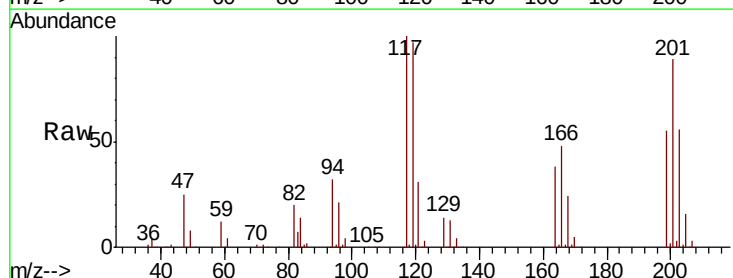
Instrument :
BNA_F
ClientSampleId :

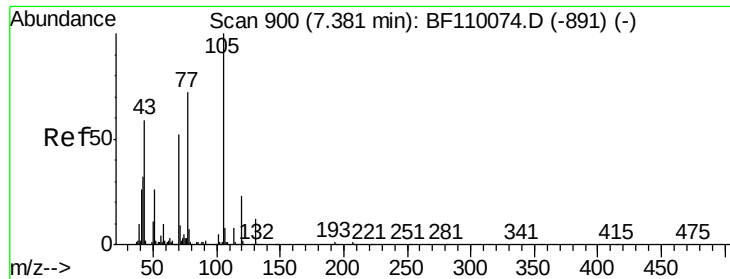
Tot Ion:107 Resp: 277851
Ion Ratio Lower Upper
107 100
108 114.2 92.6 138.8
77 49.7 59.4 89.2#
79 48.1 54.0 81.0#



#18
Hexachloroethane
Concen: 48.410 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:117 Resp: 131182
Ion Ratio Lower Upper
117 100
119 97.2 75.0 112.6
201 88.7 79.2 118.8

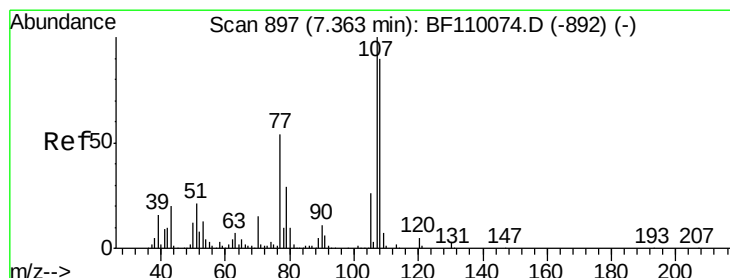
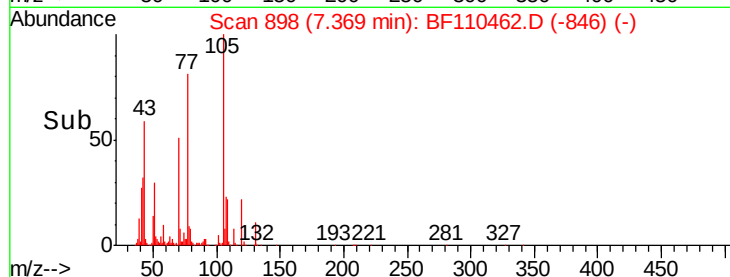
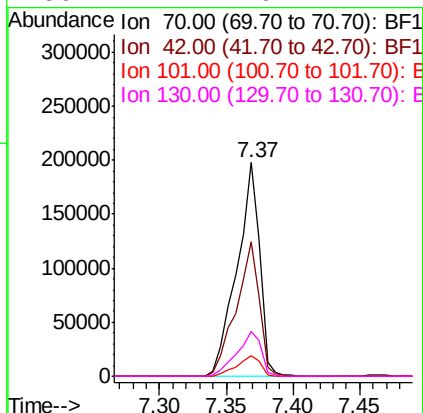
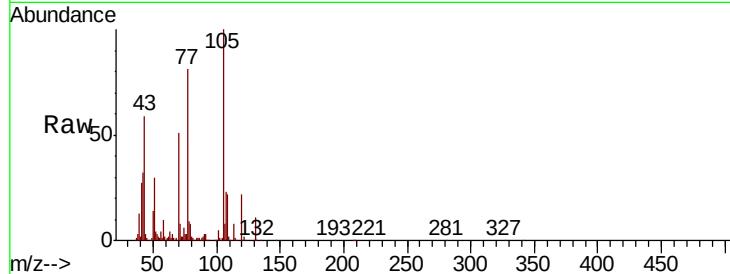




#19
n-Nitroso-di-n-propylamine
Concen: 49.858 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

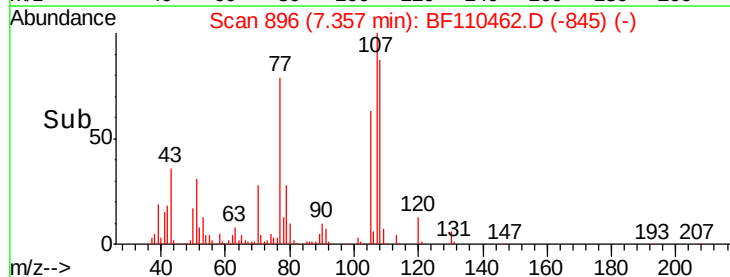
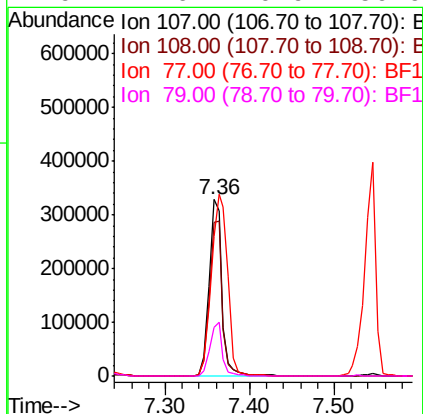
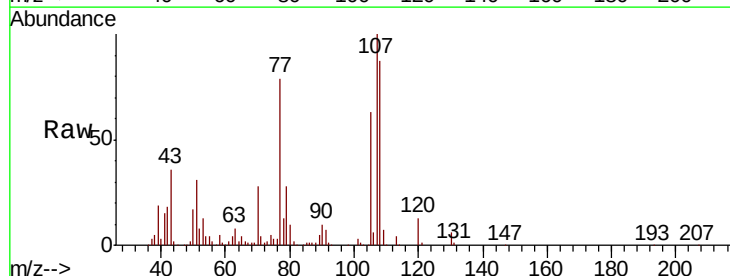
Instrument :
BNA_F
ClientSampleId :

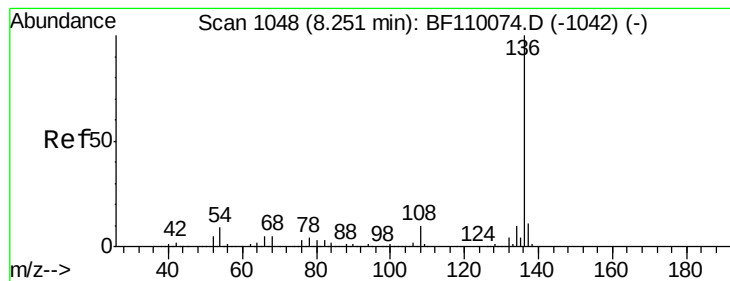
Tot Ion:	70	Resp:	235988
Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.4	71.2
101	9.5	7.3	10.9
130	21.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 51.106 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:	107	Resp:	350110
Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.4	111.4
77	79.5	47.3	87.3
79	27.6	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 398171

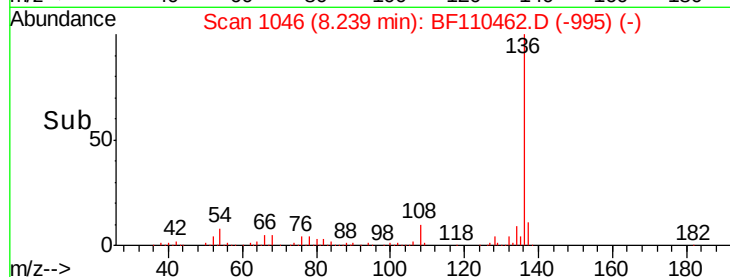
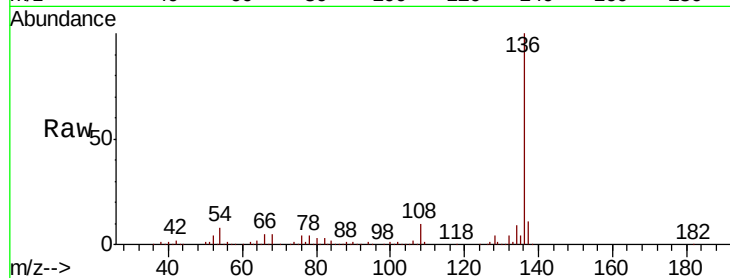
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.1 5.4 8.2

68 5.0 4.2 6.2

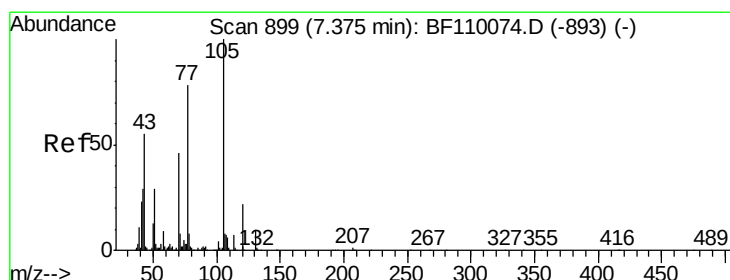
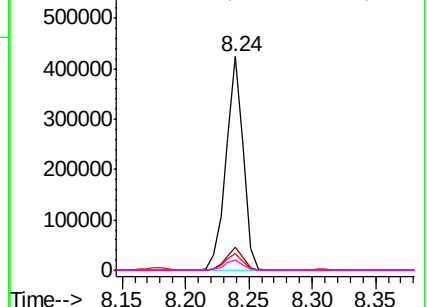


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.556 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:105 Resp: 473012

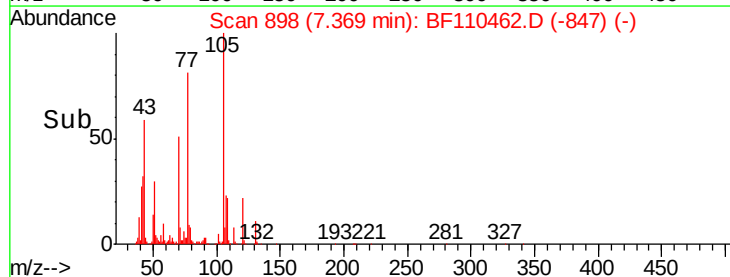
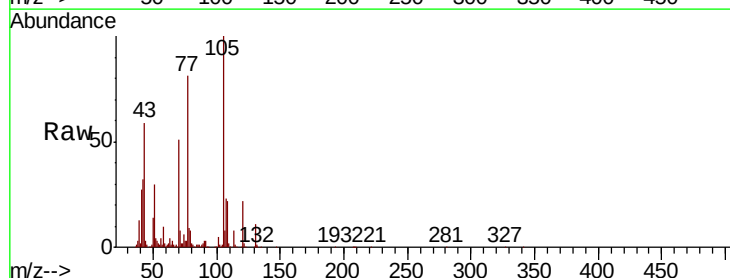
Ion Ratio Lower Upper

105 100

71 8.1 5.2 7.8#

51 29.9 21.8 32.8

120 22.2 17.0 25.4

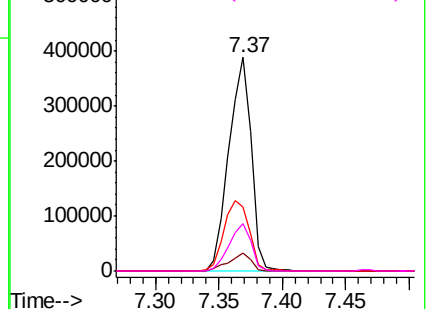


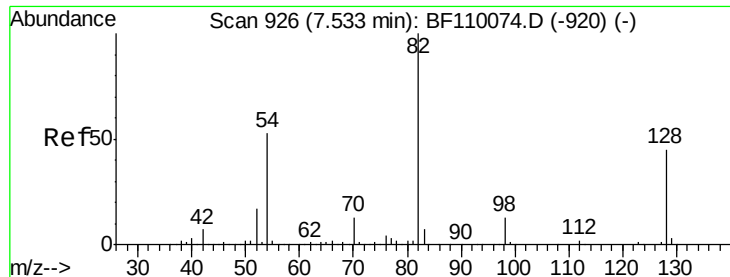
Abundance Ion 105.00 (104.70 to 105.70): E

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

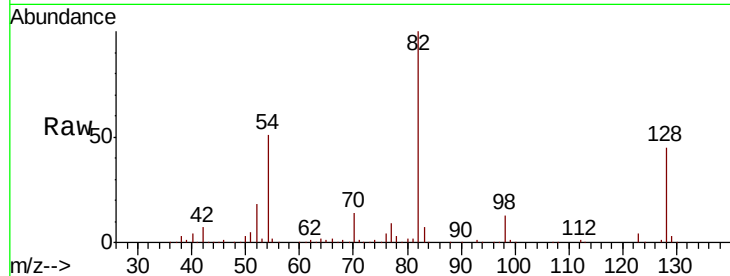




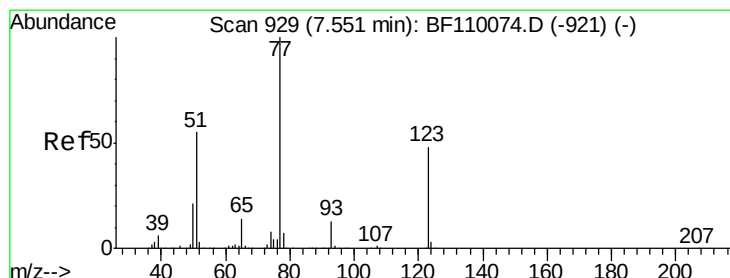
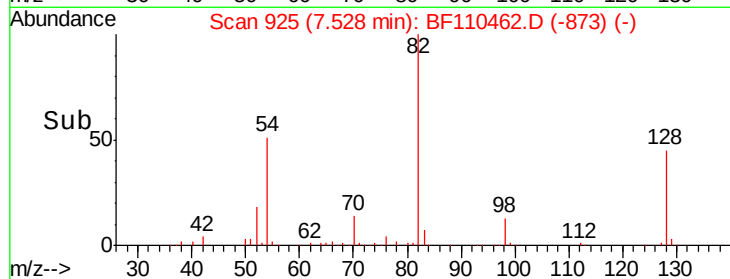
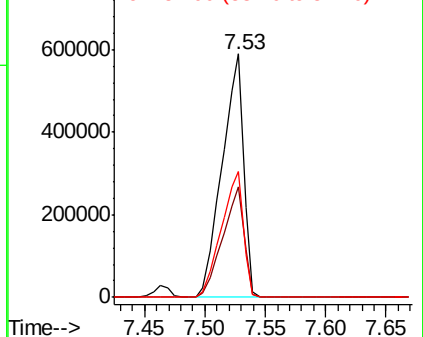
#23
Nitrobenzene-d5
Concen: 108.286 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	726928
Ion Ratio	100	Lower	Upper
128	45.5	34.2	51.2
54	51.4	38.6	58.0

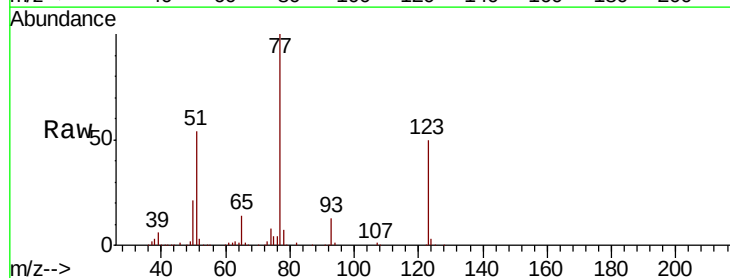


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

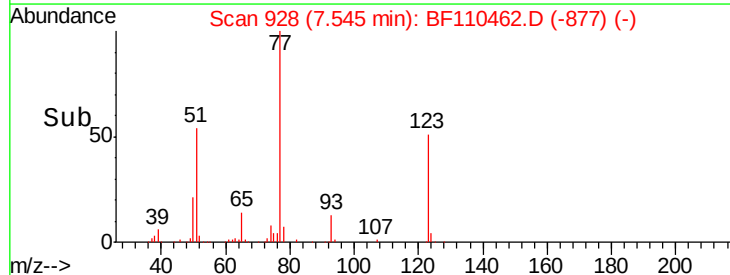
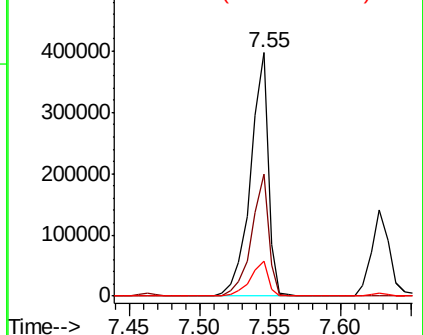


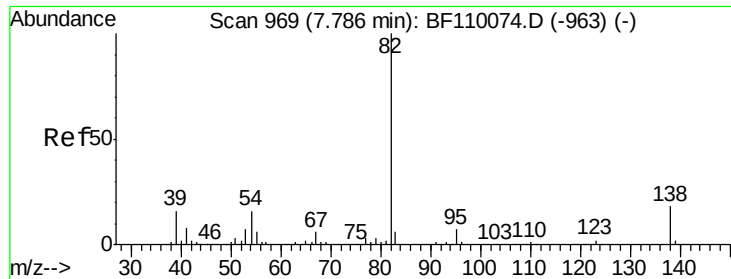
#24
Nitrobenzene
Concen: 50.717 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	77	Resp	351505
Ion Ratio	100	Lower	Upper
123	50.3	35.7	53.5
65	14.3	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: 58.361 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

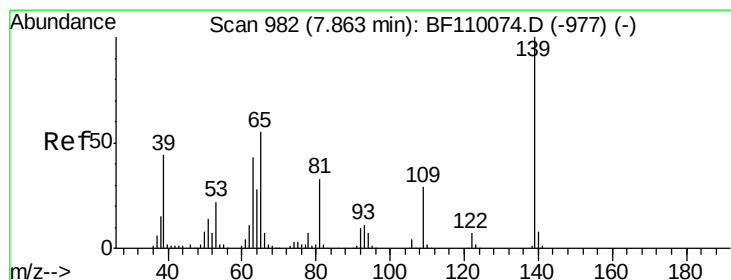
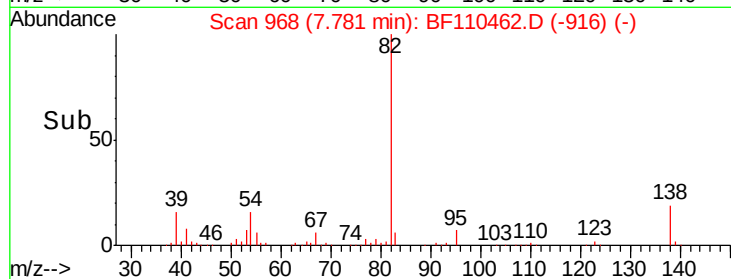
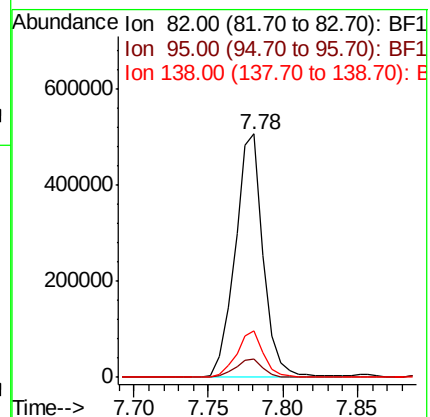
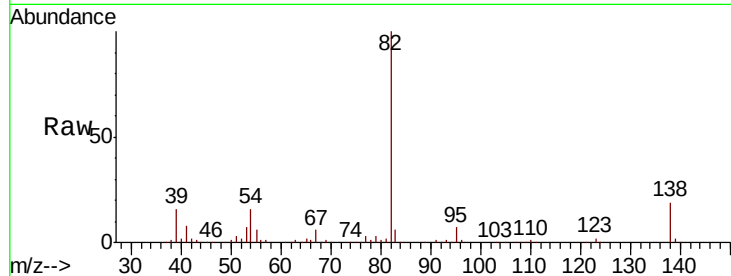
Tot Ion: 82 Resp: 667831

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 19.0 13.2 19.8



#26

2-Nitrophenol

Concen: 56.106 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

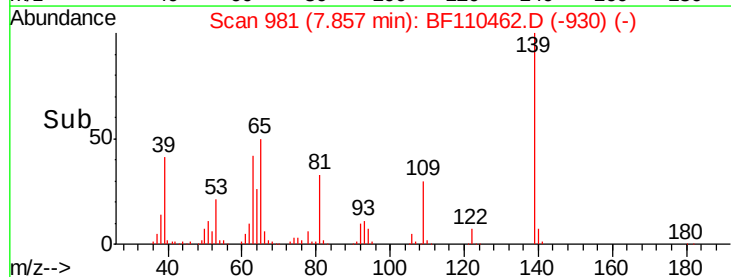
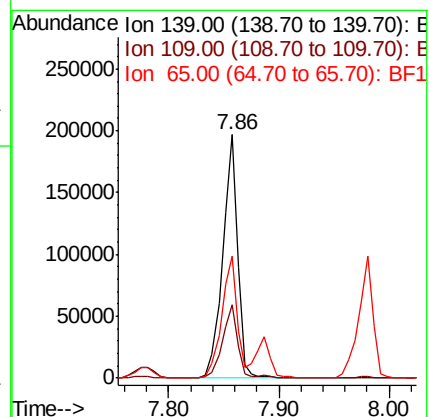
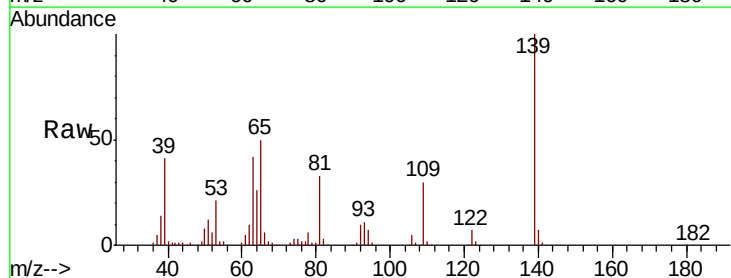
Tgt Ion: 139 Resp: 185042

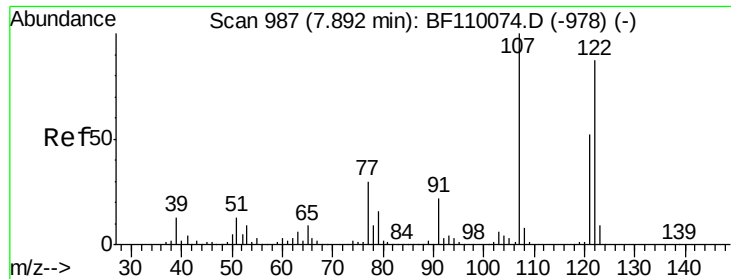
Ion Ratio Lower Upper

139 100

109 30.0 25.0 37.6

65 49.9 44.0 66.0

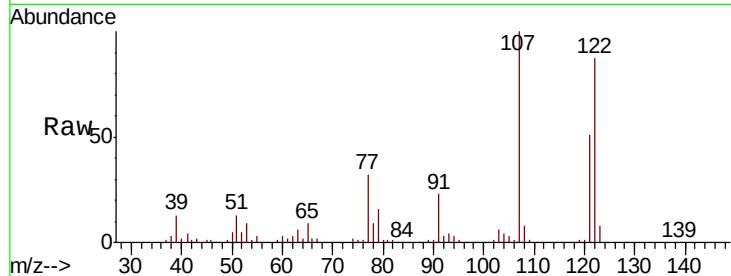




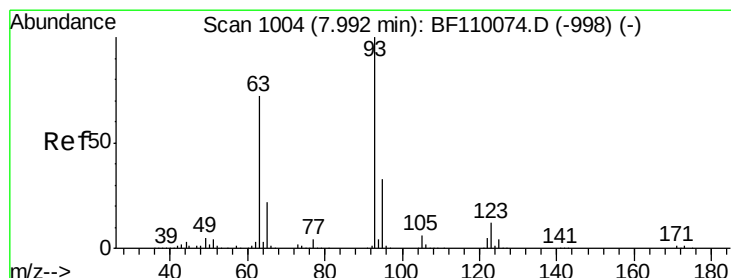
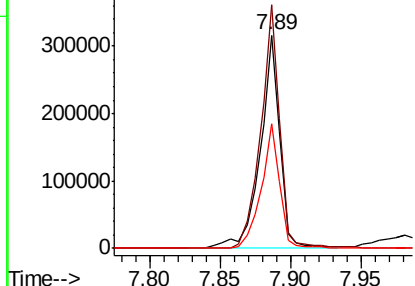
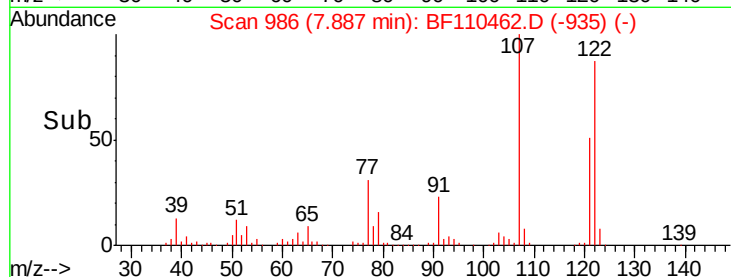
#27
2,4-Dimethylphenol
Concen: 56.663 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	92.5	138.7
121	58.4	45.8	68.8

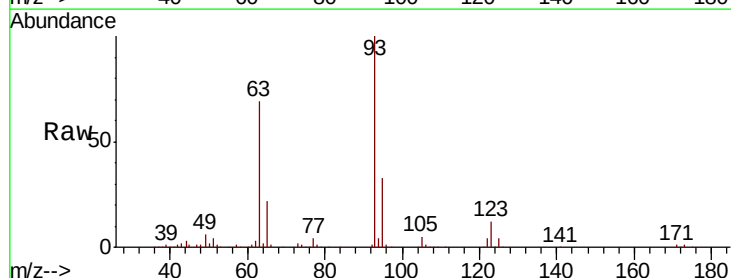


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

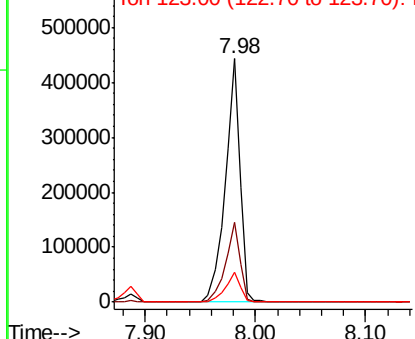
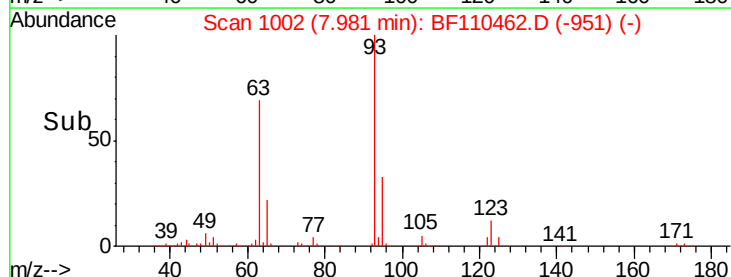


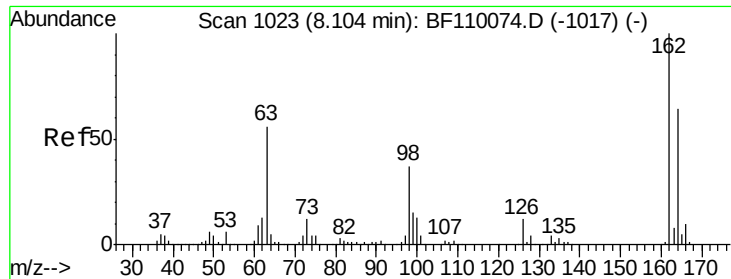
#28
bis(2-Chloroethoxy)methane
Concen: 53.239 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	12.0	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

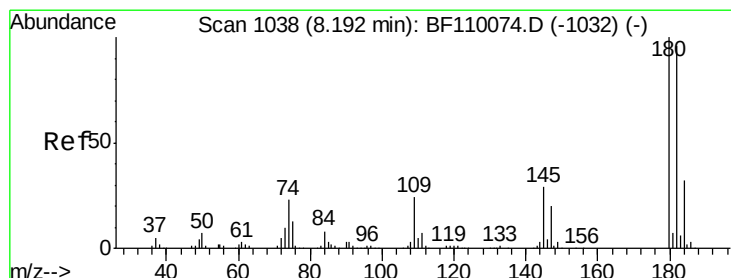
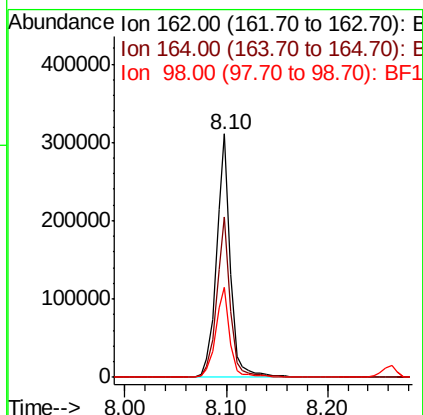
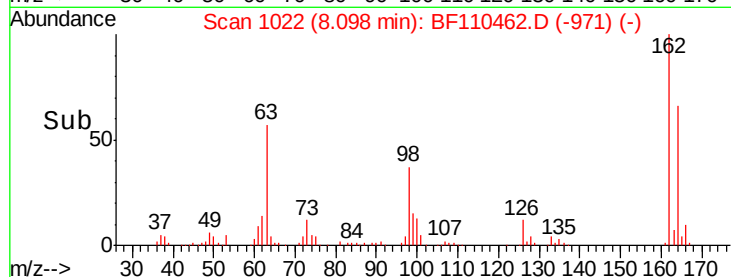
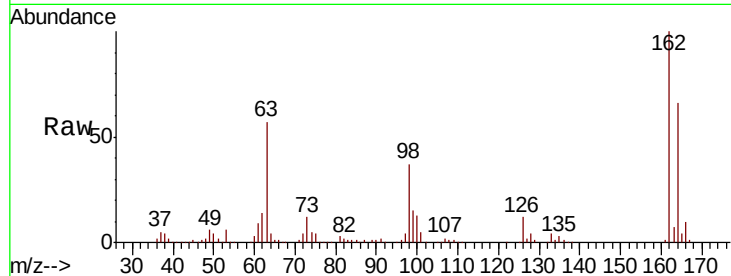




#29
2,4-Dichlorophenol
Concen: 53.264 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

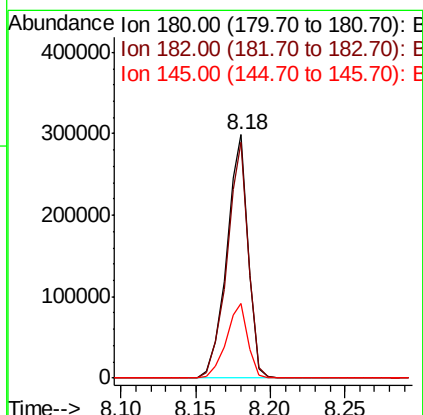
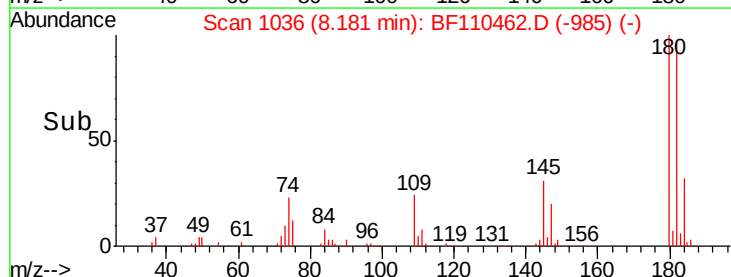
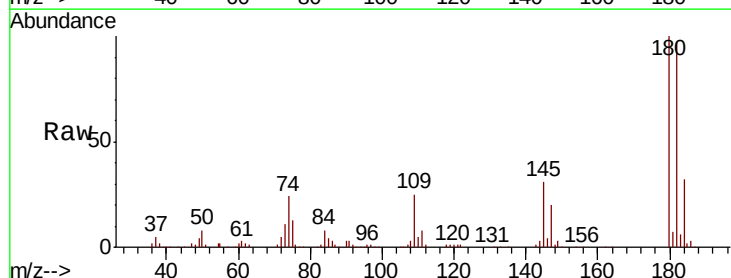
Instrument :
BNA_F
ClientSampleId :

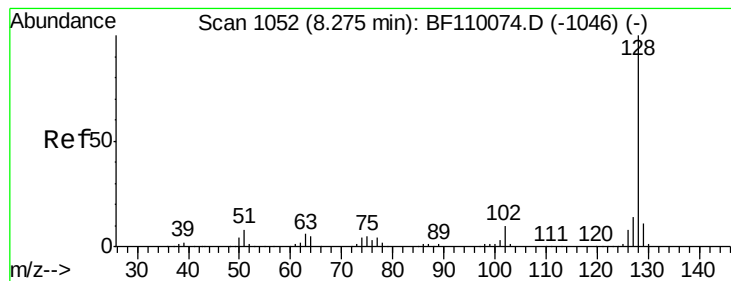
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.6	84.6
98	37.1	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 48.990 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	80.3	120.5
145	30.7	25.4	38.0





#31

Naphthalene

Concen: 53.612 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampled :

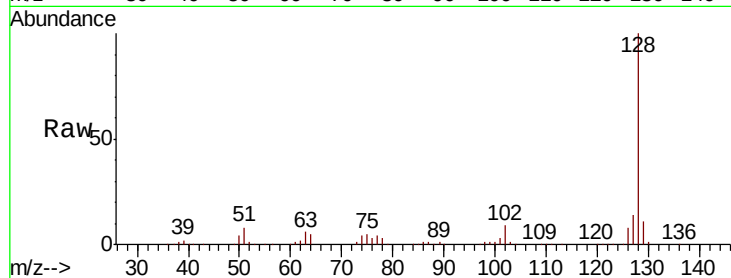
Tot Ion:128 Resp: 983845

Ion Ratio Lower Upper

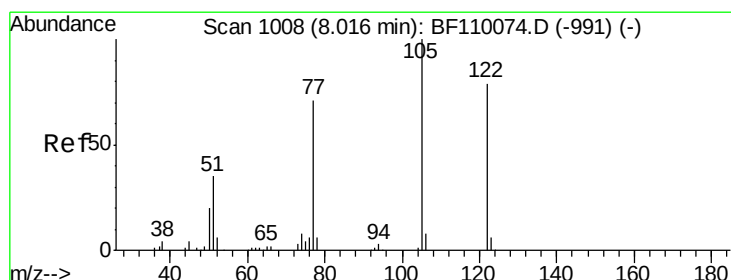
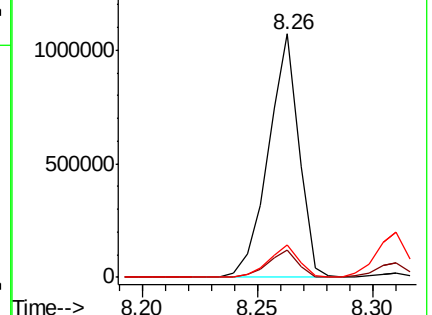
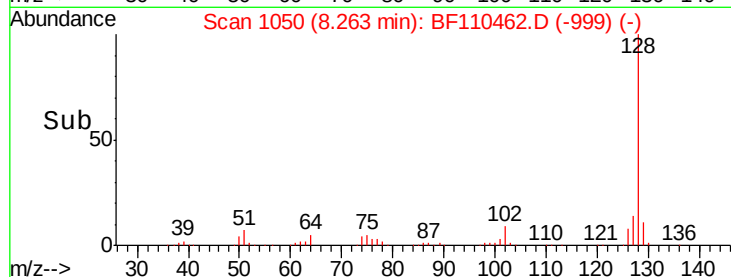
128 100

129 11.4 8.8 13.2

127 13.5 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: 9.583 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

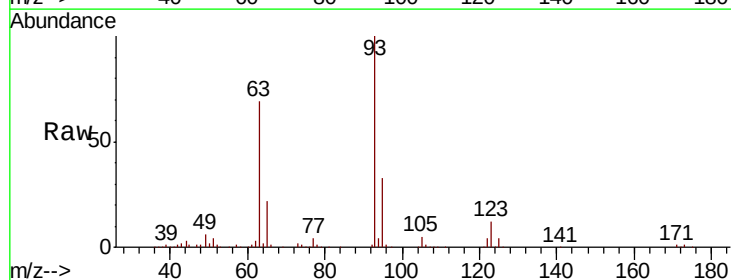
Tgt Ion:122 Resp: 40498

Ion Ratio Lower Upper

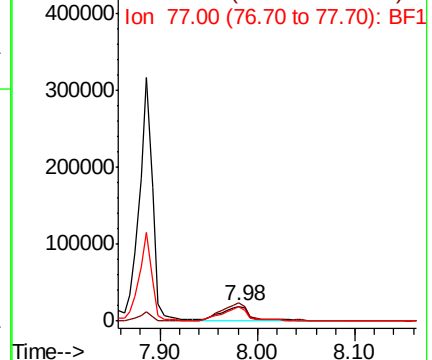
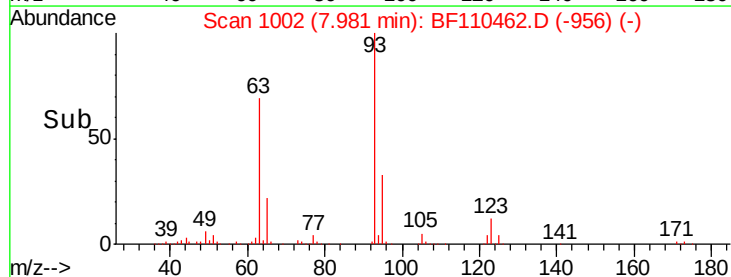
122 100

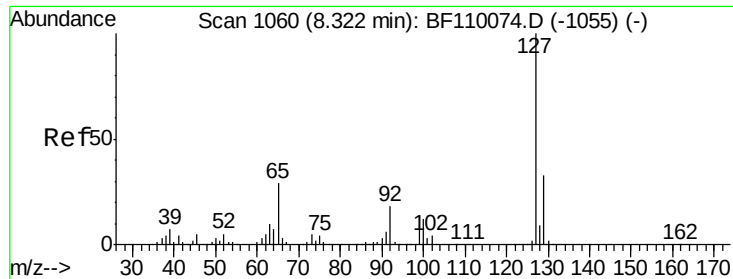
105 121.7 109.0 149.0

77 97.6 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

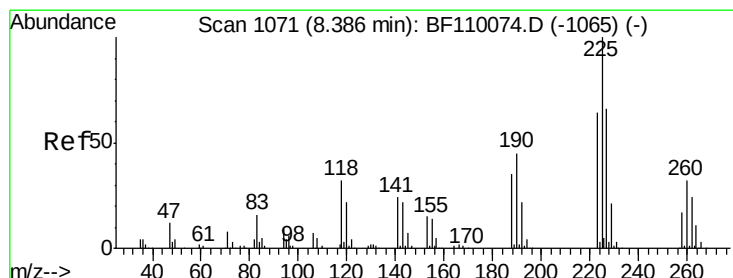
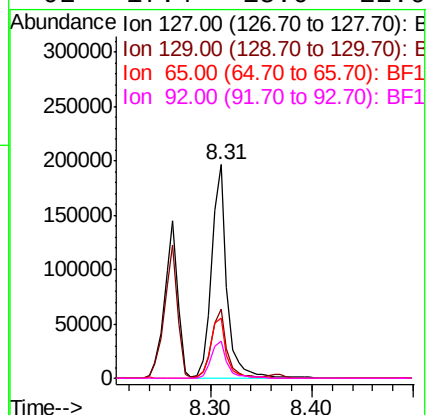
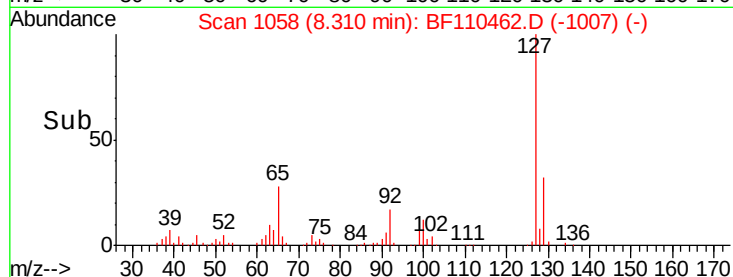
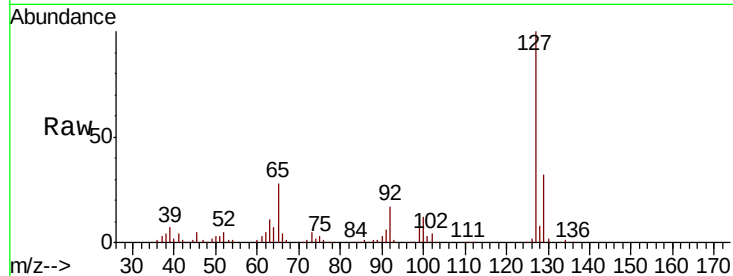




#33
4-Chloroaniline
Concen: 24.941 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

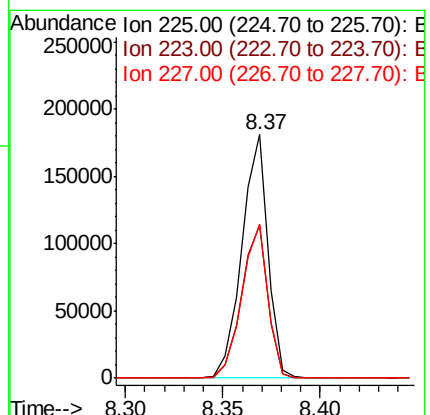
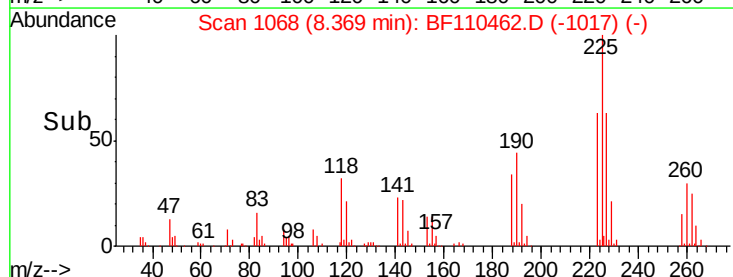
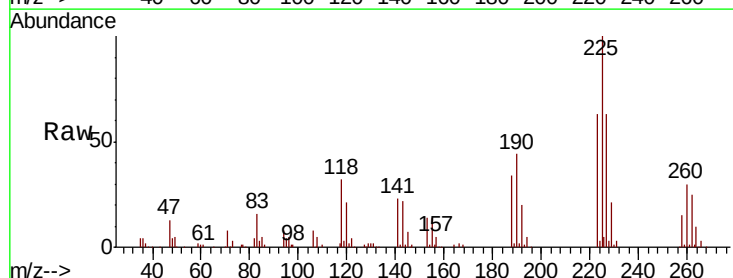
Instrument :
BNA_F
ClientSampled :

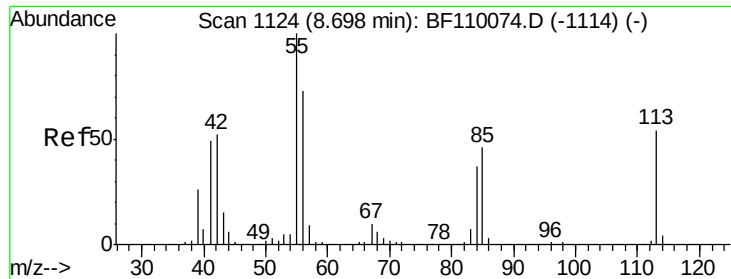
Tot Ion:	127	Resp:	205994
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	28.4	25.1	37.7
92	17.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 48.736 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:	225	Resp:	167444
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	63.2	51.0	76.6

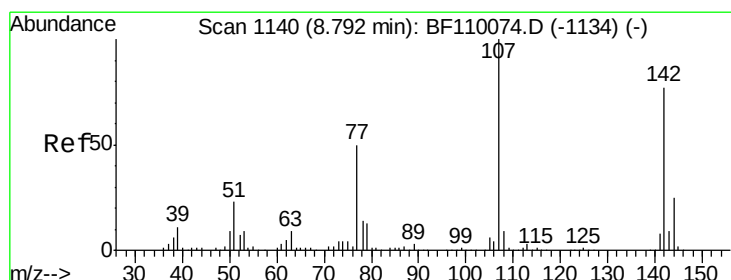
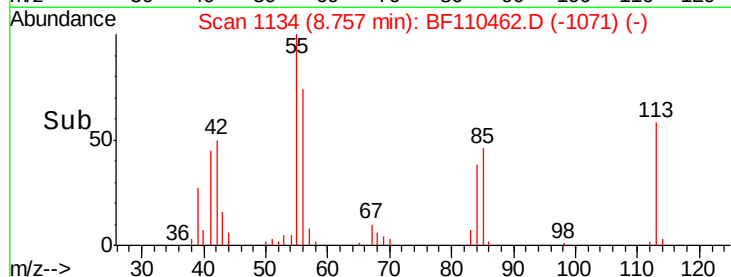
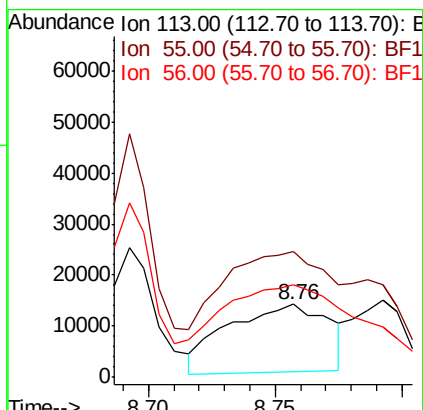
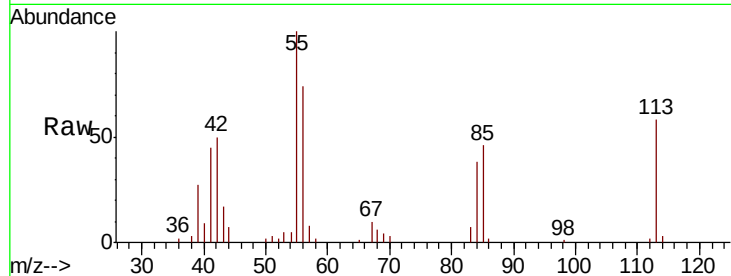




#35
 Caprolactam
 Concen: 19.036 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. 0.07 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

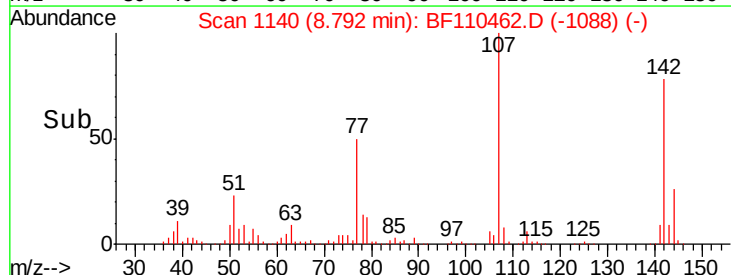
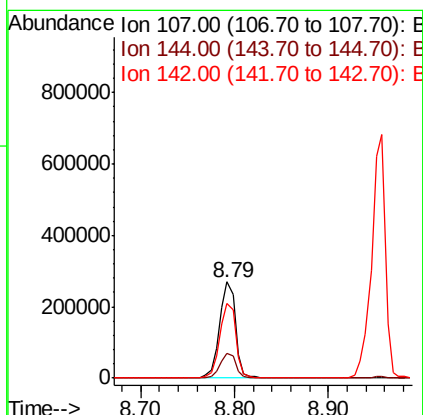
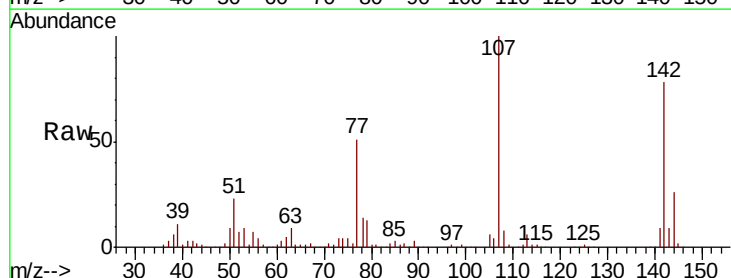
Instrument :
 BNA_F
 ClientSampleId :

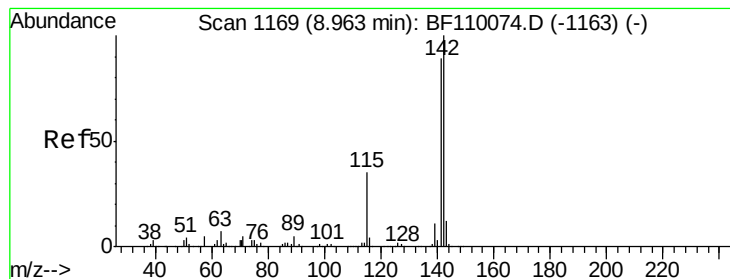
Tot Ion:113 Resp: 36653
 Ion Ratio Lower Upper
 113 100
 55 173.4 142.8 182.8
 56 127.7 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 54.260 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion:107 Resp: 324140
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.0 30.0
 142 78.1 59.7 89.5





#37

2-Methylnaphthalene

Concen: 57.246 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampled :

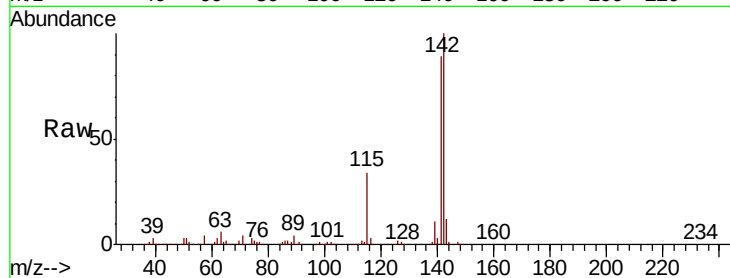
Tot Ion:142 Resp: 695073

Ion Ratio Lower Upper

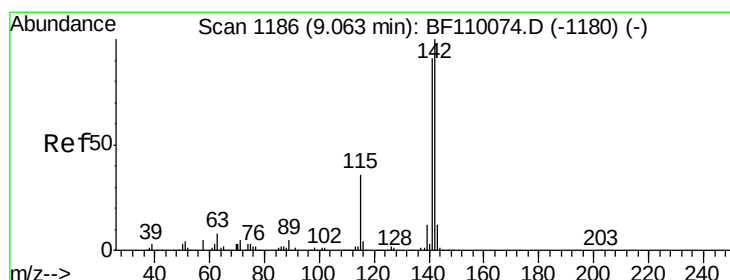
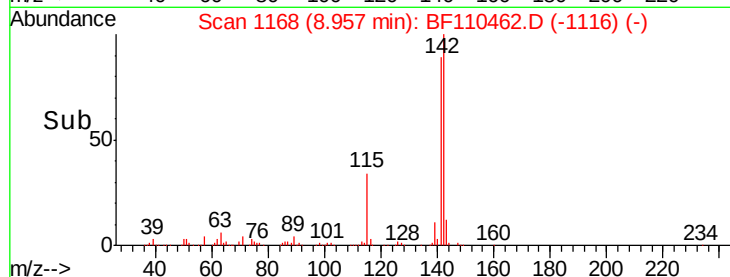
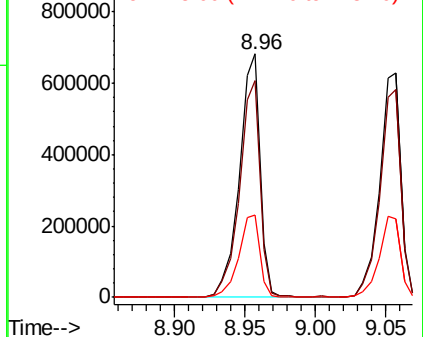
142 100

141 89.1 71.4 107.2

115 34.1 28.7 43.1



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



#38

1-Methylnaphthalene

Concen: 55.733 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

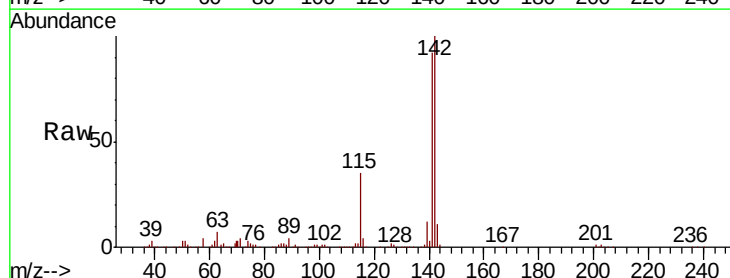
Tgt Ion:142 Resp: 653939

Ion Ratio Lower Upper

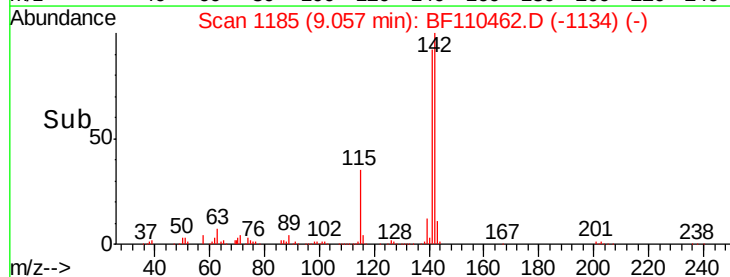
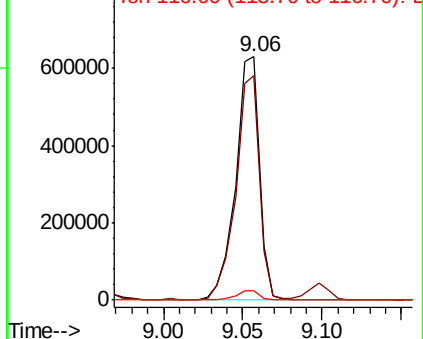
142 100

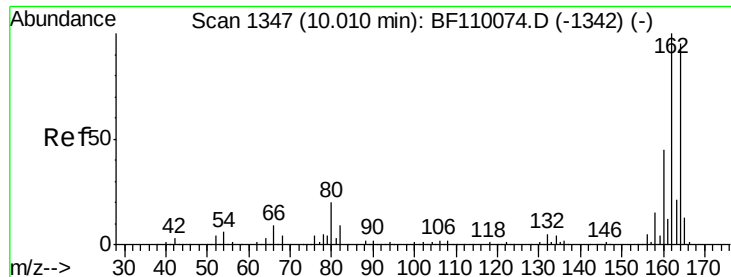
141 92.1 74.2 111.4

116 3.6 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

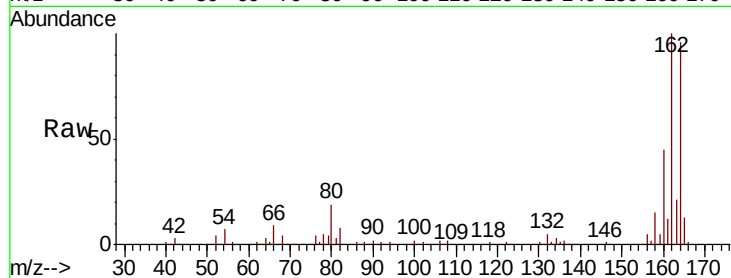
Tot Ion:164 Resp: 193387

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

160 46.3 37.0 55.6

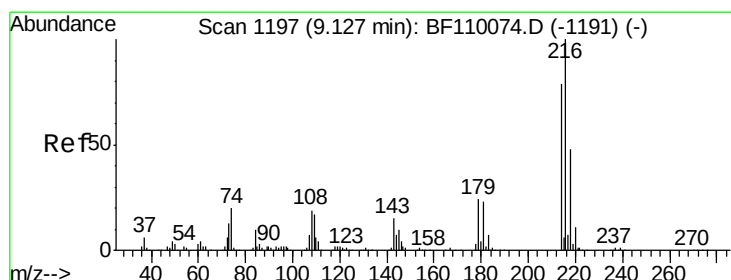
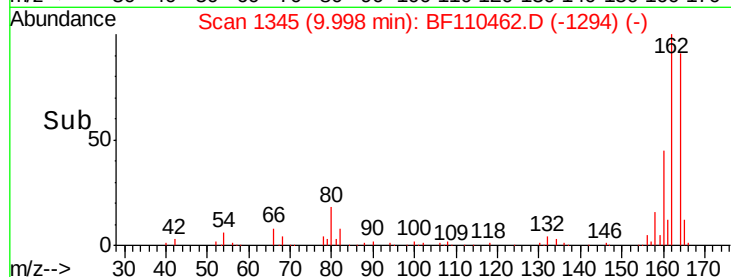
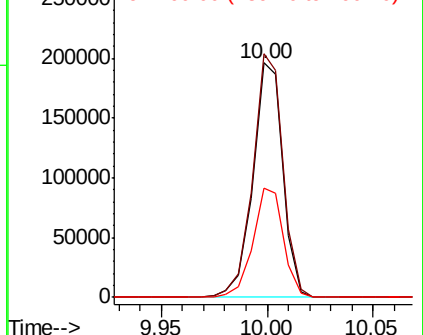


Abundance

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: 49.214 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:216 Resp: 296539

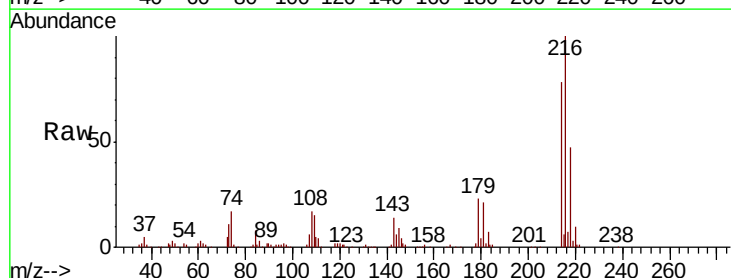
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 23.0 16.6 25.0

108 21.1 15.1 22.7



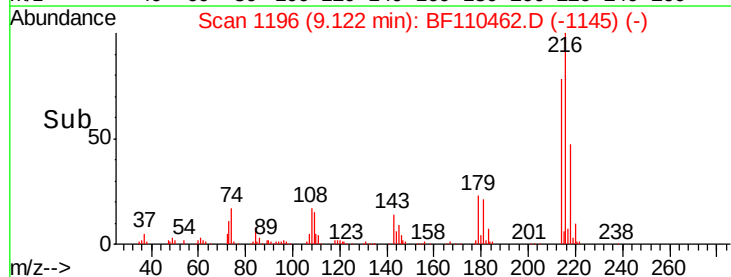
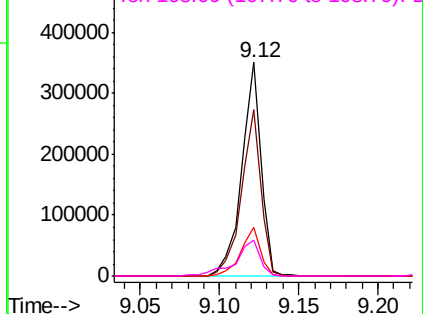
Abundance

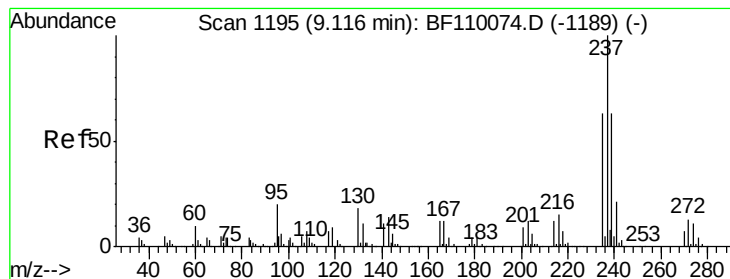
Ion 216.00 (215.70 to 216.70): E

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: 90.667 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

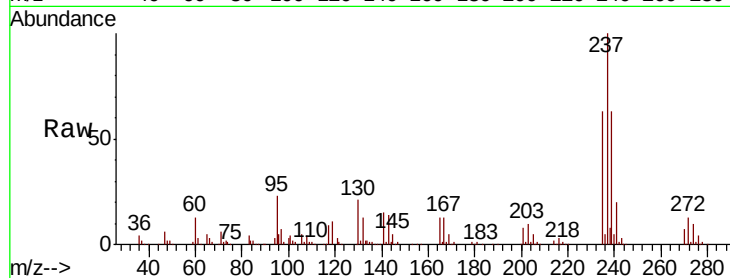
Tot Ion:237 Resp: 279350

Ion Ratio Lower Upper

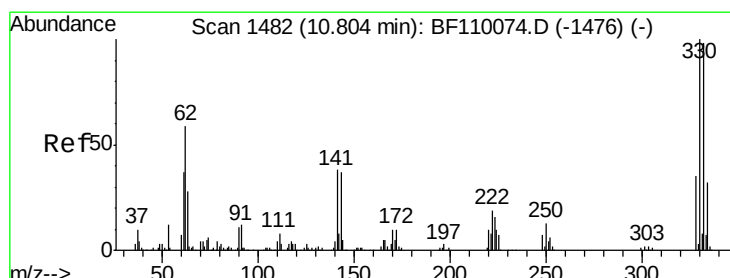
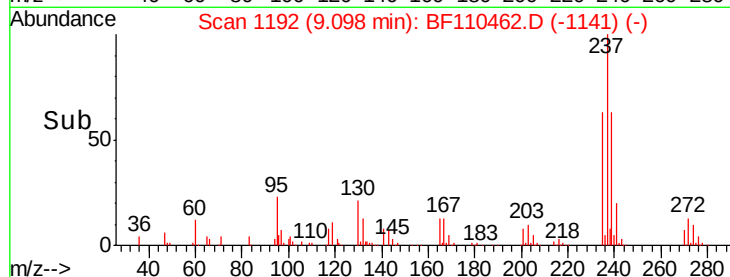
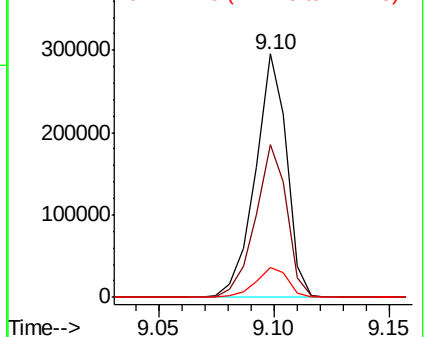
237 100

235 62.6 43.1 83.1

272 12.5 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: 152.730 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

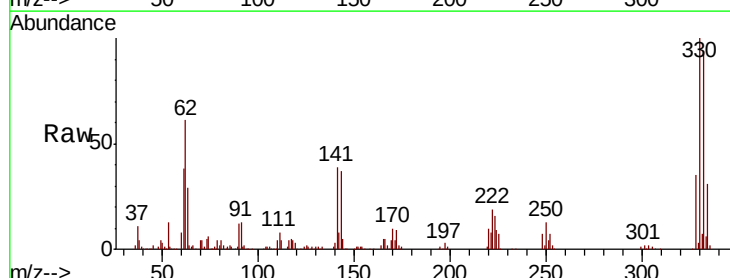
Tgt Ion:330 Resp: 292574

Ion Ratio Lower Upper

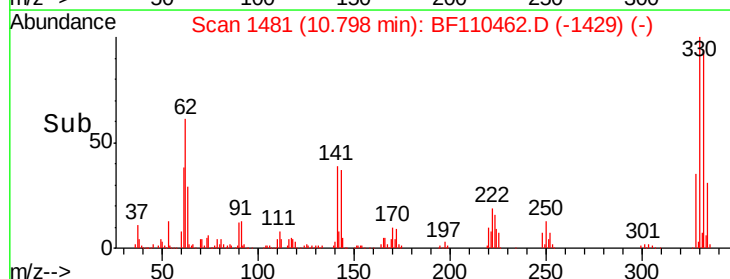
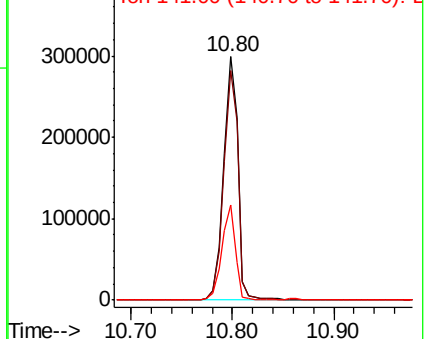
330 100

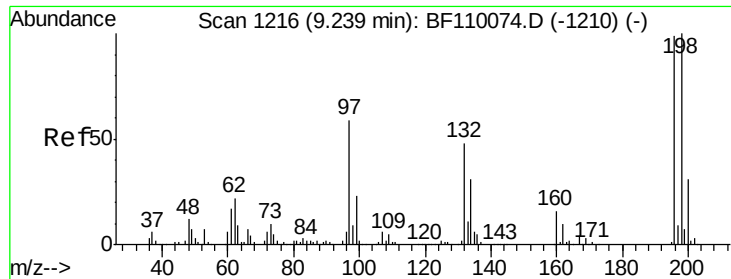
332 95.8 77.1 115.7

141 37.2 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

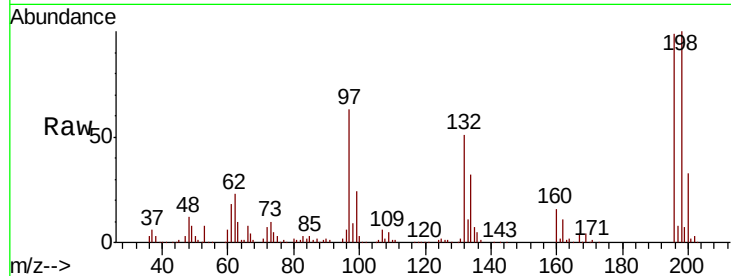




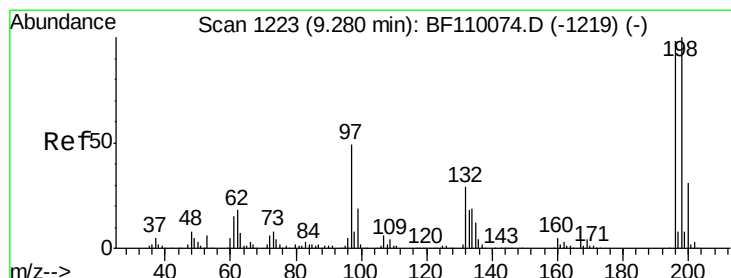
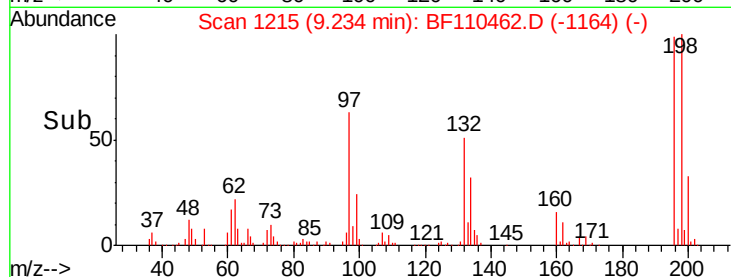
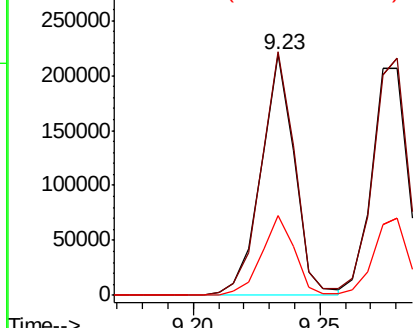
#43
 2,4,6-Trichlorophenol
 Concen: 51.827 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 201423
 Ion Ratio Lower Upper
 196 100
 198 101.2 76.2 114.4
 200 33.0 24.4 36.6

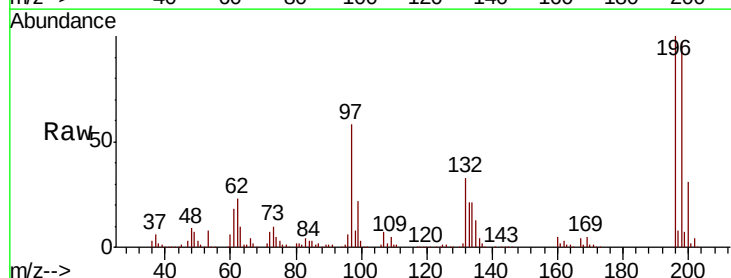


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

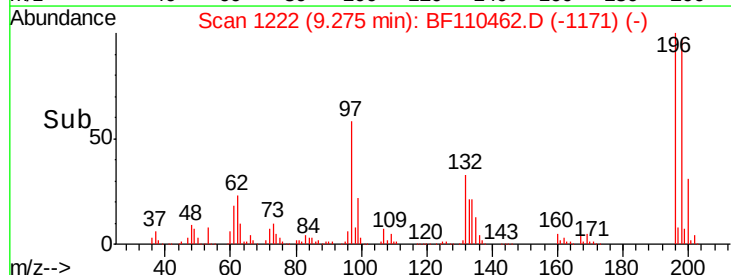
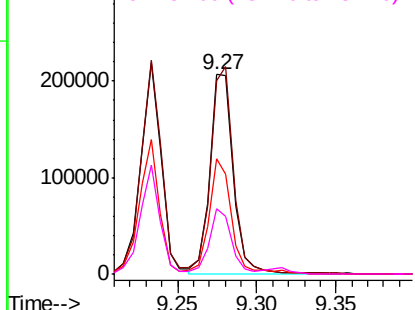


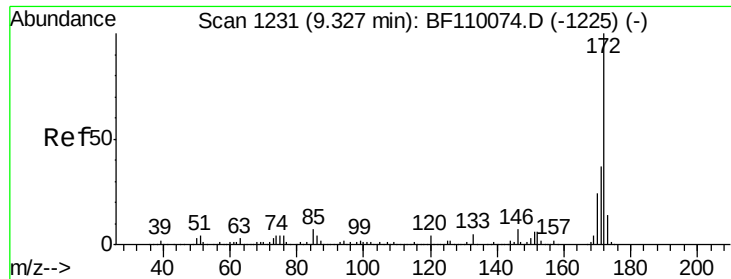
#44
 2,4,5-Trichlorophenol
 Concen: 51.938 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion:196 Resp: 213367
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.8 113.6
 97 57.9 42.4 63.6
 132 32.5 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

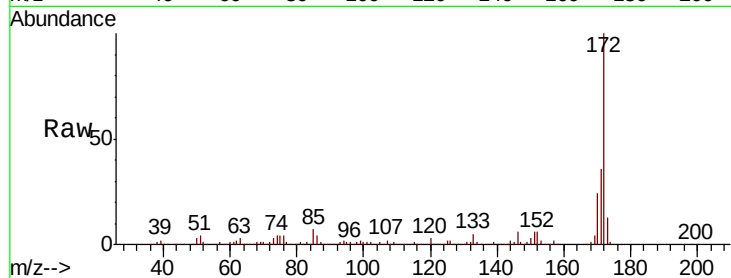




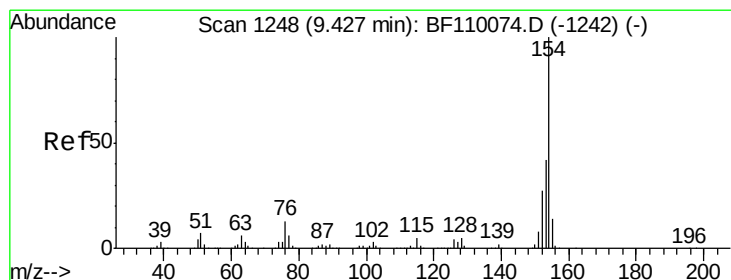
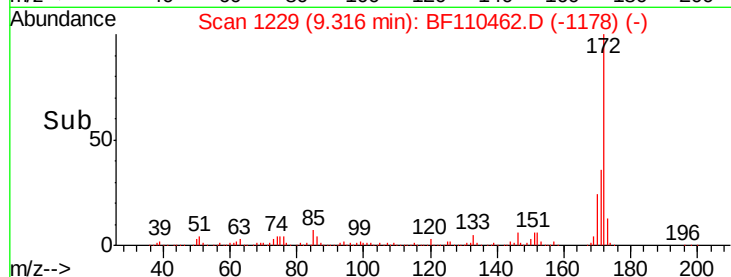
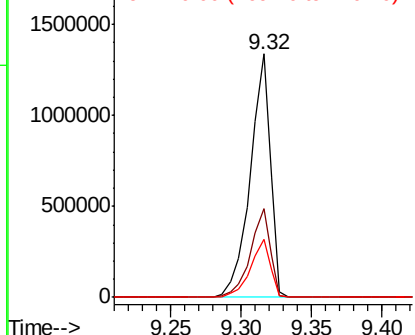
#45
2-Fluorobiphenyl
Concen: 109.392 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1347230
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.8 19.7 29.5

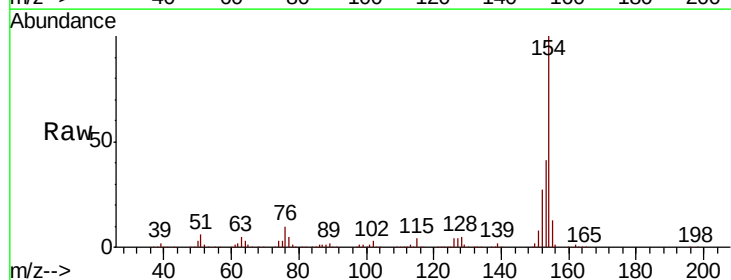


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

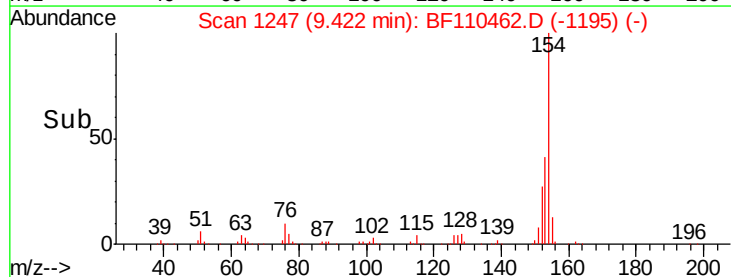
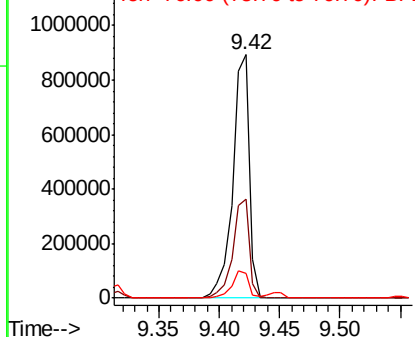


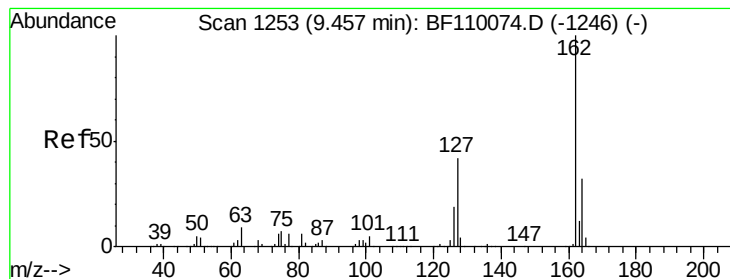
#46
1,1'-Biphenyl
Concen: 48.702 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:154 Resp: 851691
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 10.3 0.0 31.9



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





#47

2-Chloronaphthalene

Concen: 50.029 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampled :

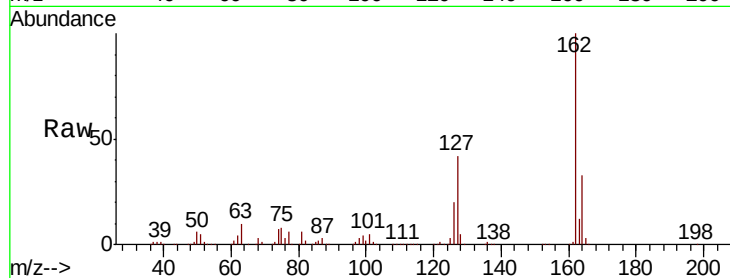
Tot Ion:162 Resp: 641771

Ion Ratio Lower Upper

162 100

127 42.3 32.6 48.8

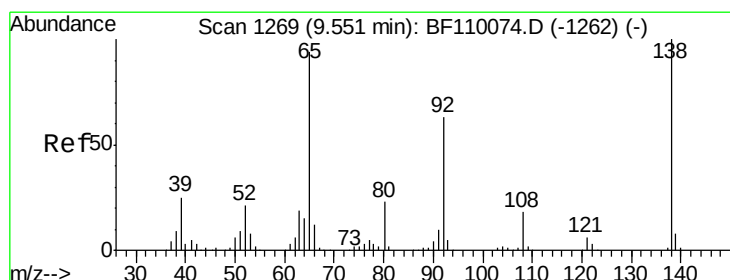
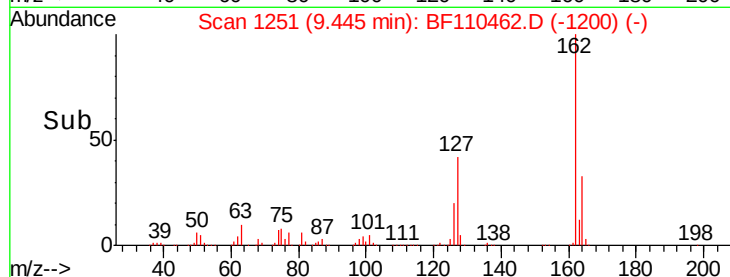
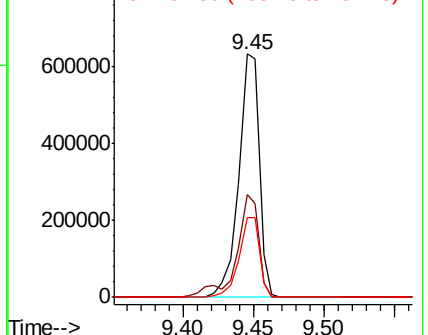
164 32.6 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 53.400 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

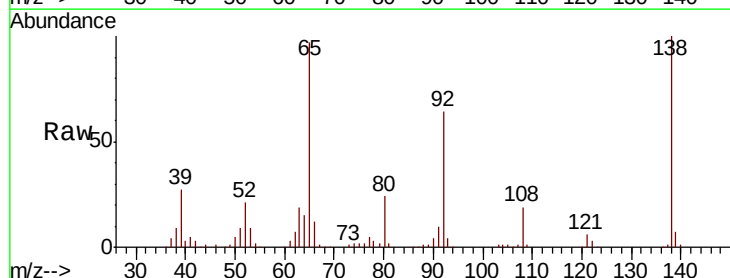
Tgt Ion: 65 Resp: 207578

Ion Ratio Lower Upper

65 100

92 66.0 54.6 81.8

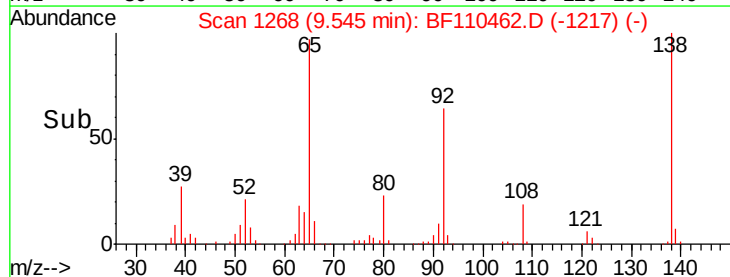
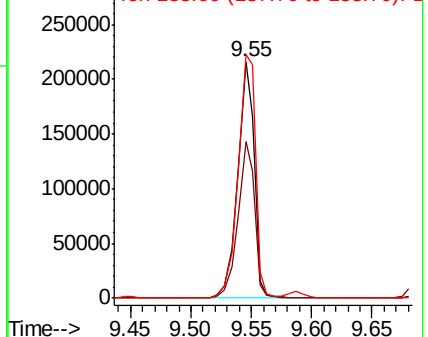
138 103.0 80.3 120.5

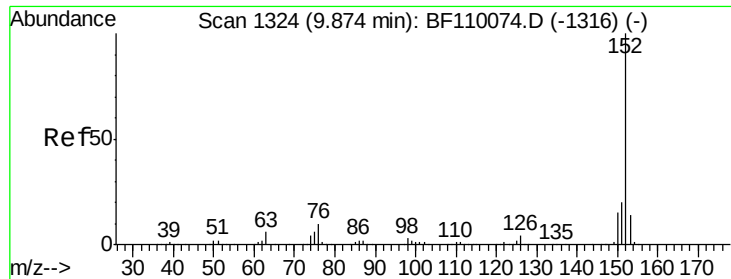


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.566 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampled :

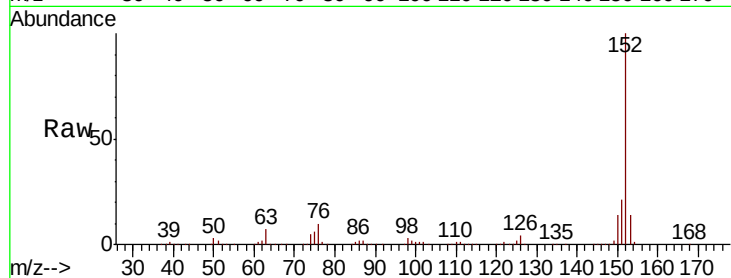
Tot Ion:152 Resp: 992479

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

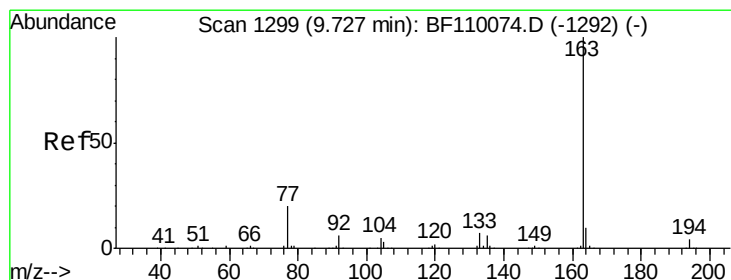
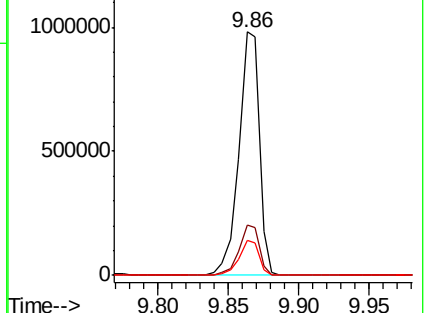
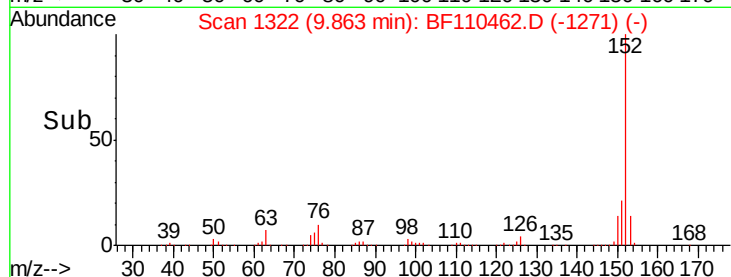
153 14.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 66.702 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

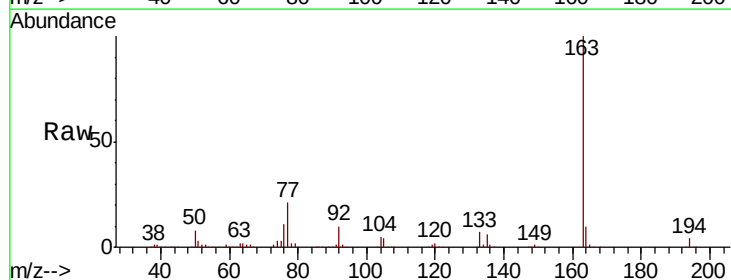
Tgt Ion:163 Resp: 952196

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

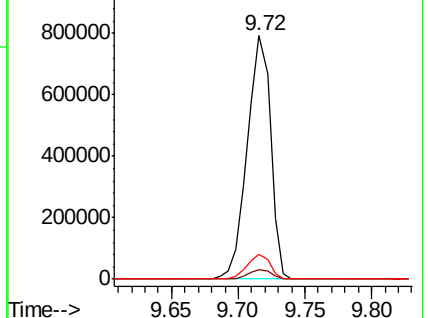
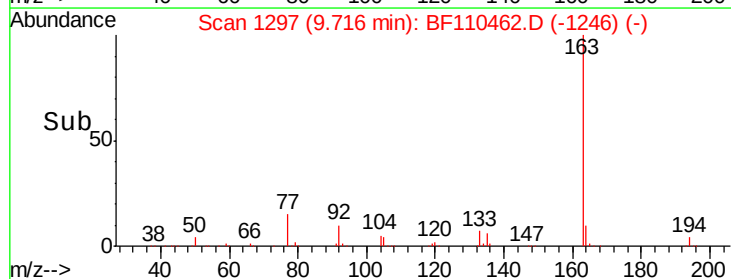
164 10.3 8.1 12.1

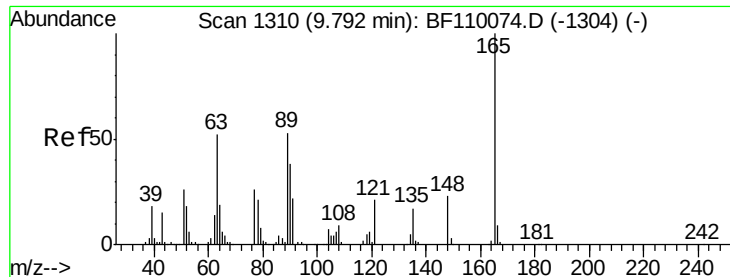


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 54.250 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampled :

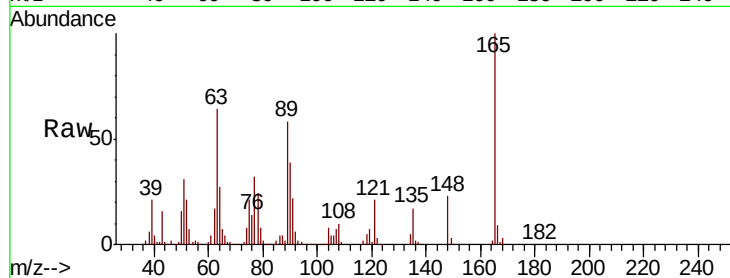
Tot Ion:165 Resp: 166817

Ion Ratio Lower Upper

165 100

63 64.1 48.9 73.3

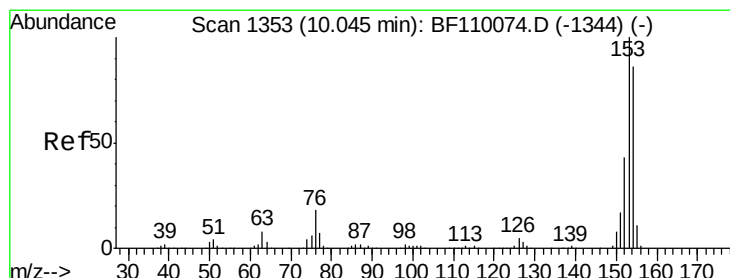
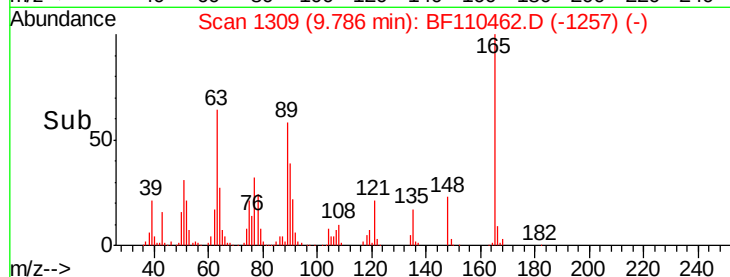
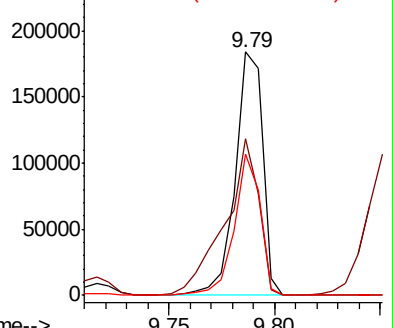
89 58.2 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.111 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

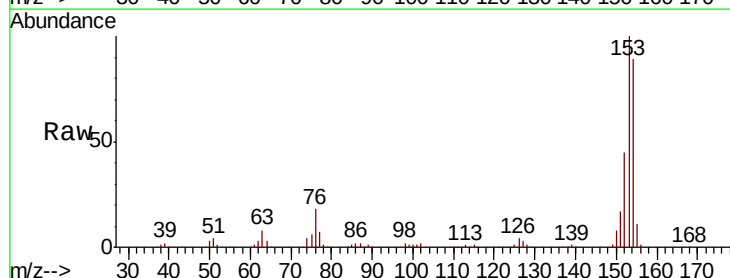
Tgt Ion:154 Resp: 601960

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

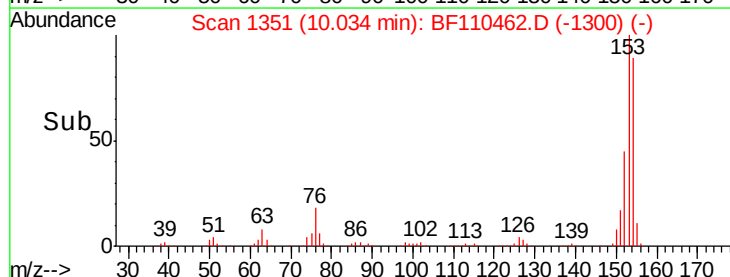
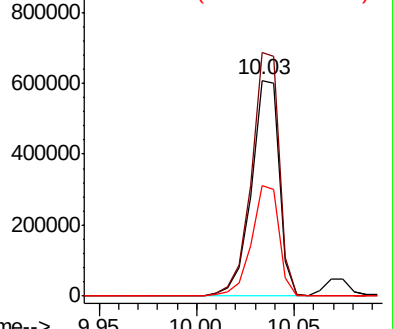
152 51.1 43.4 65.2

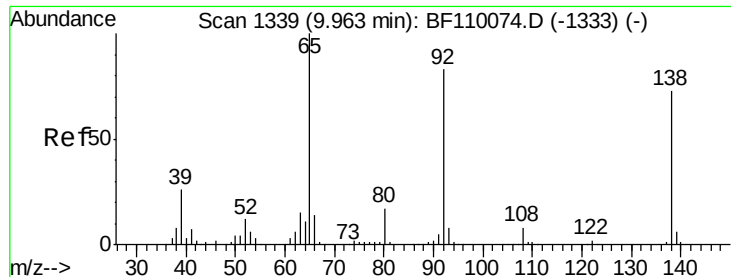


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

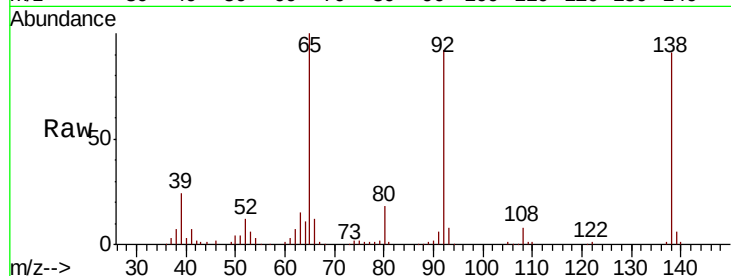




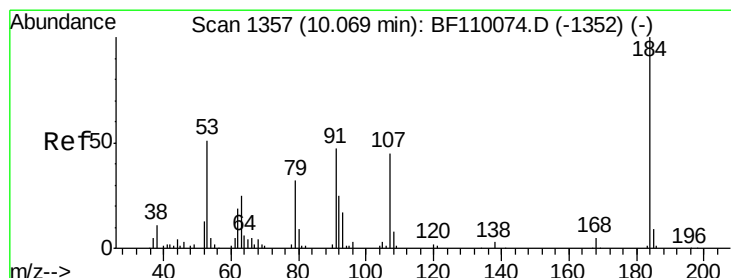
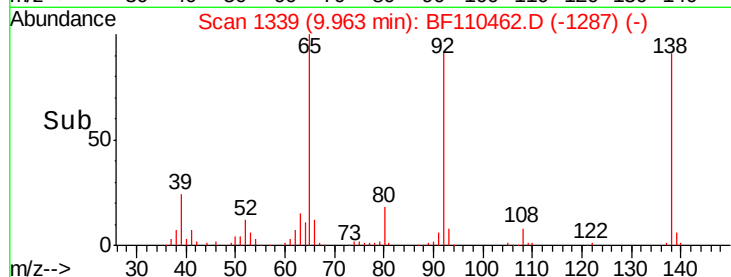
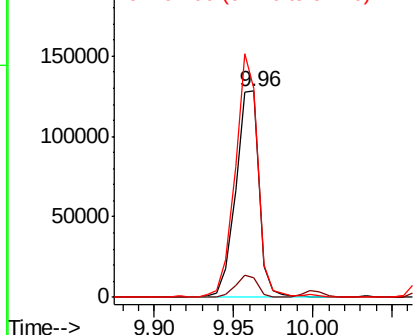
#53
3-Nitroaniline
Concen: 35.906 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 131297
Ion Ratio Lower Upper
138 100
108 9.4 8.7 13.1
92 101.7 97.0 145.4

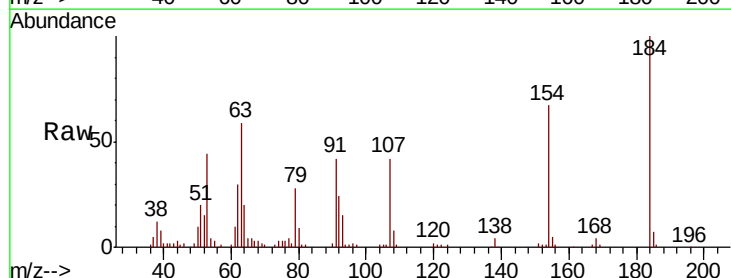


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

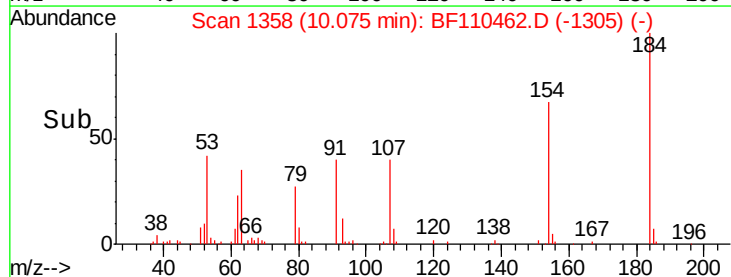
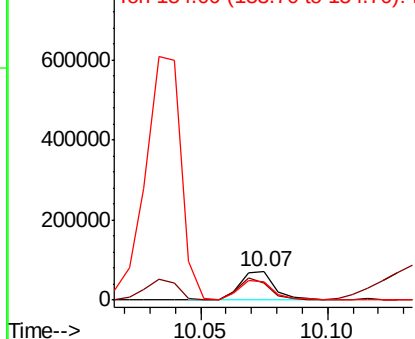


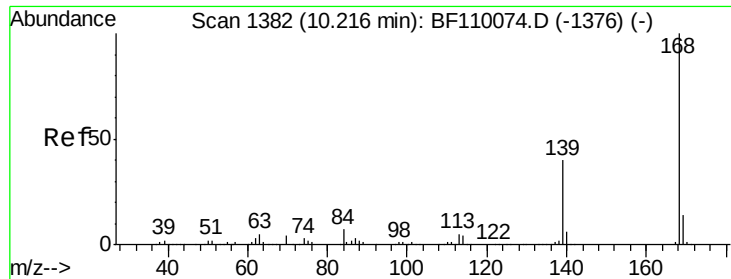
#54
2,4-Dinitrophenol
Concen: 58.519 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:184 Resp: 69603
Ion Ratio Lower Upper
184 100
63 59.3 55.8 83.6
154 67.0 63.2 94.8



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

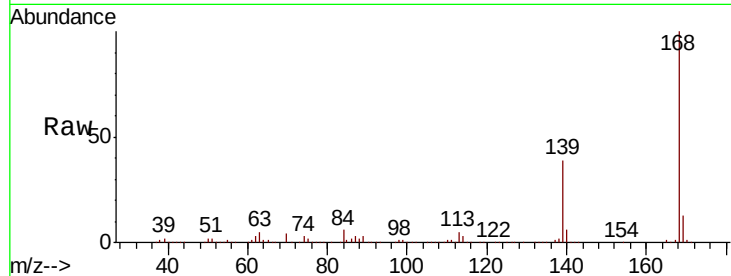




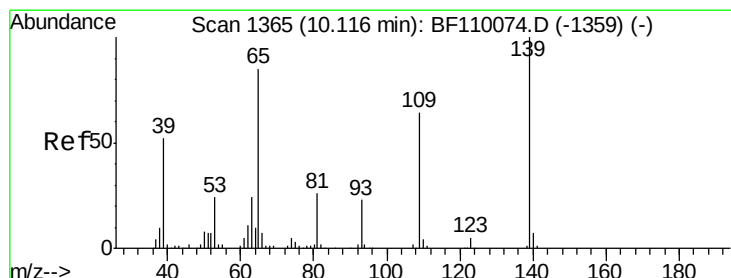
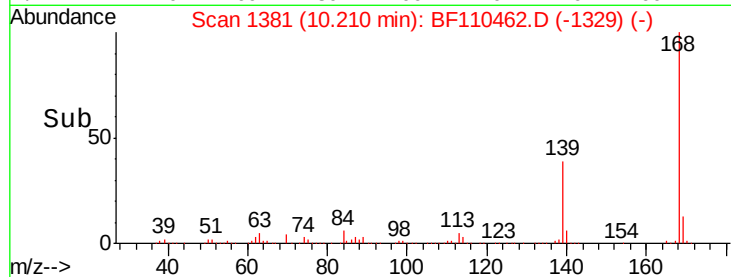
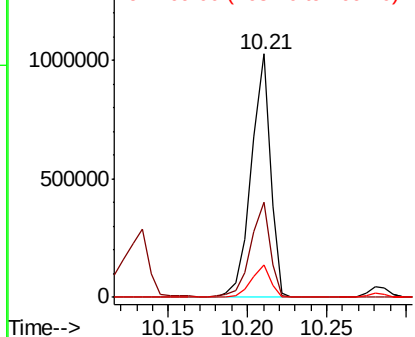
#55
Dibenzenofuran
Concen: 50.296 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 863132
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 13.4 11.3 16.9

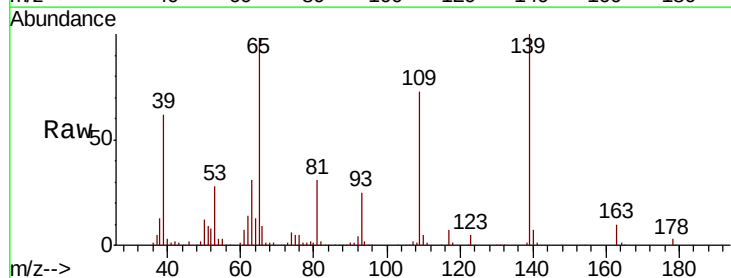


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

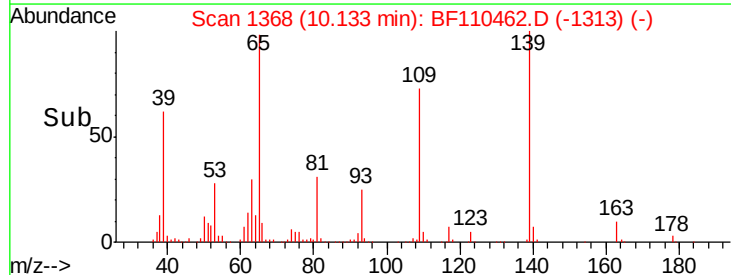
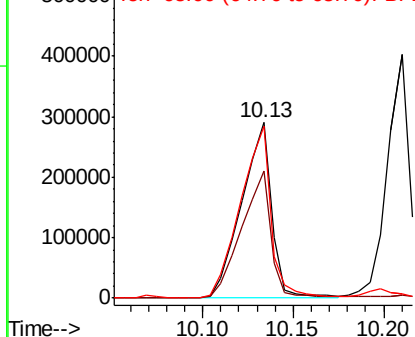


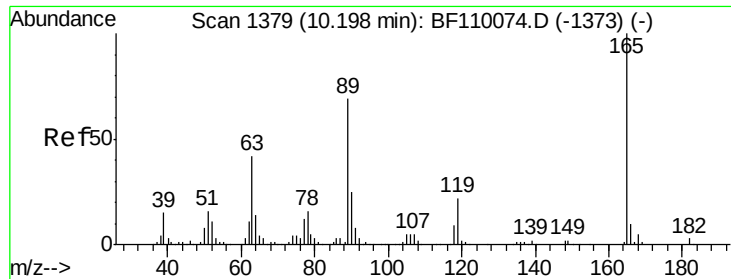
#56
4-Nitrophenol
Concen: 124.224 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:139 Resp: 336201
Ion Ratio Lower Upper
139 100
109 72.6 55.8 95.8
65 98.3 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

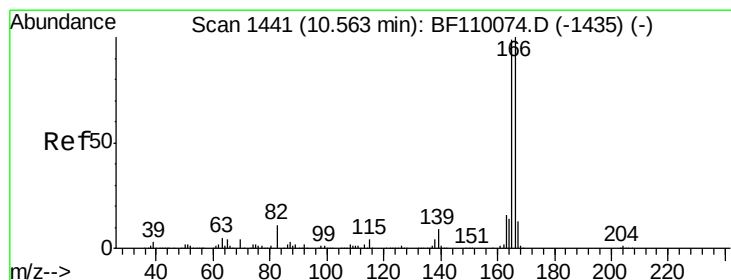
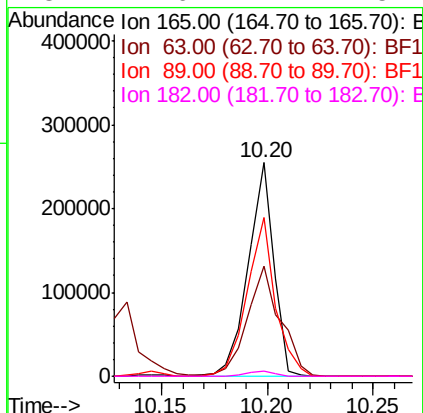
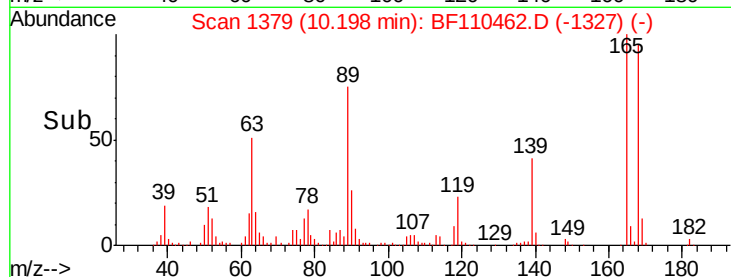
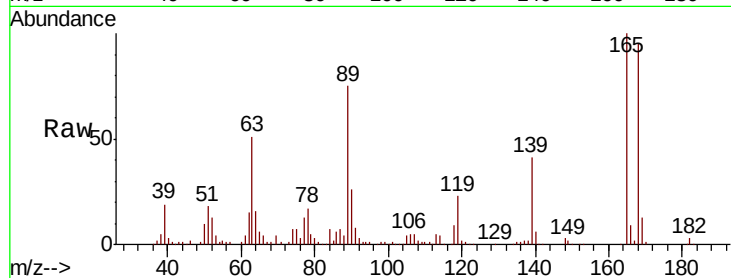




#57
2,4-Dinitrotoluene
Concen: 55.317 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

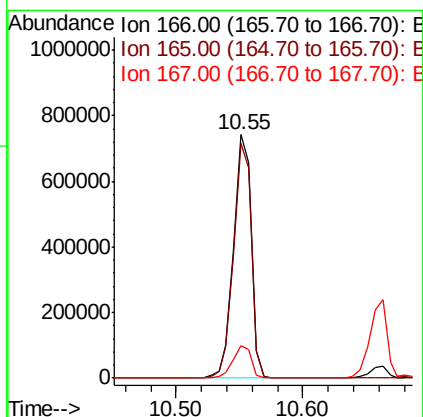
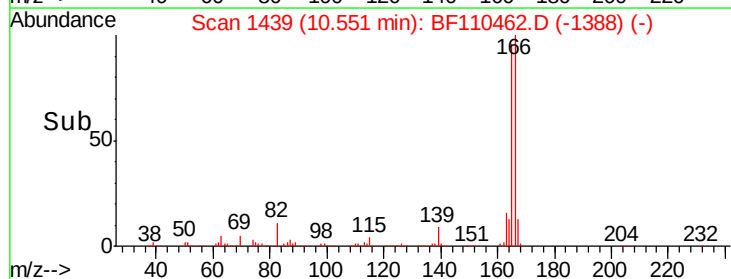
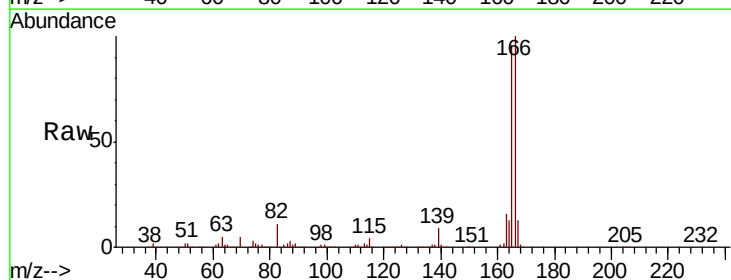
Instrument :
BNA_F
ClientSampleId :

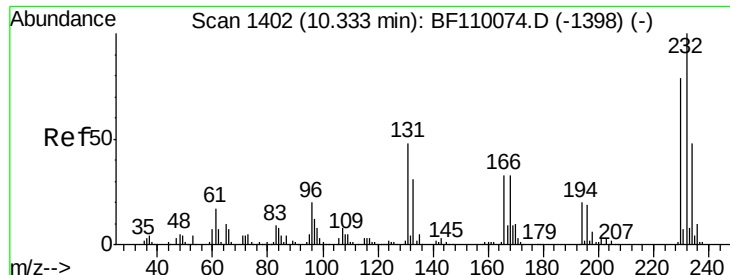
Tot Ion:	165	Resp:	216057
Ion	Ratio	Lower	Upper
165	100		
63	51.4	44.8	67.2
89	74.5	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 55.423 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:	166	Resp:	707868
Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.6	117.8
167	13.3	10.8	16.2

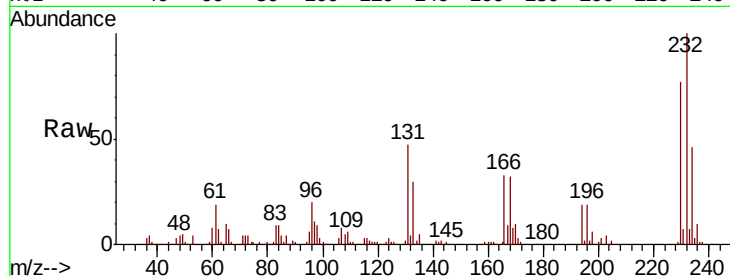




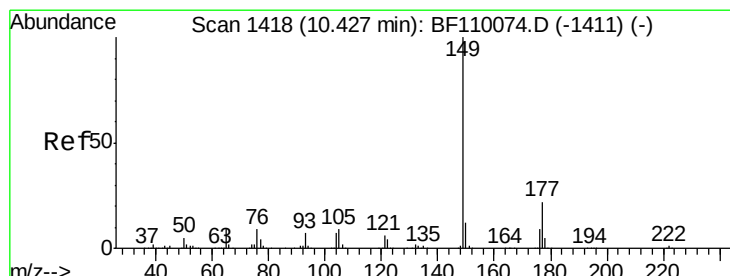
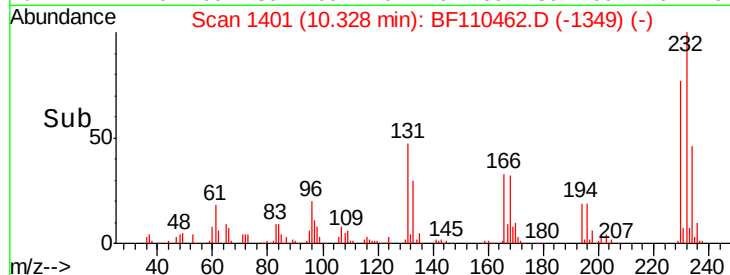
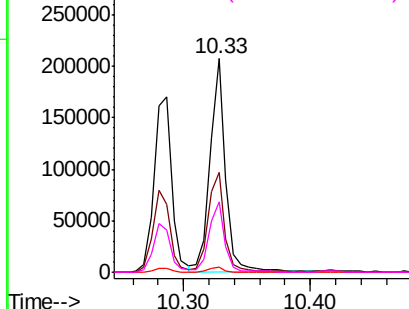
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.290 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232	Resp:	178437
Ion Ratio	Lower	Upper
232	100	
131	48.8	37.0 55.4
130	2.3	1.8 2.6
166	32.7	22.0 33.0

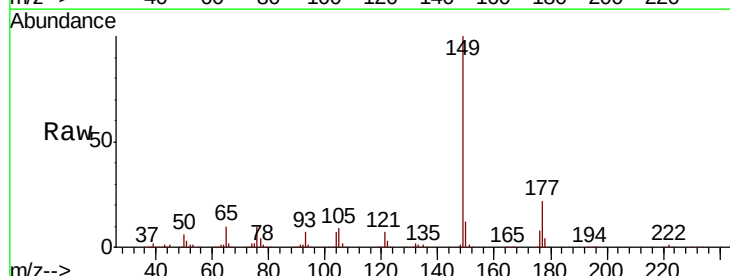


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

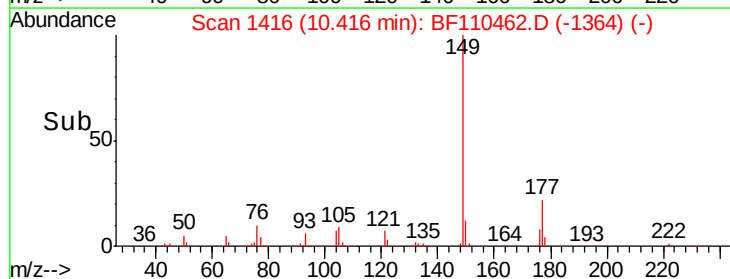
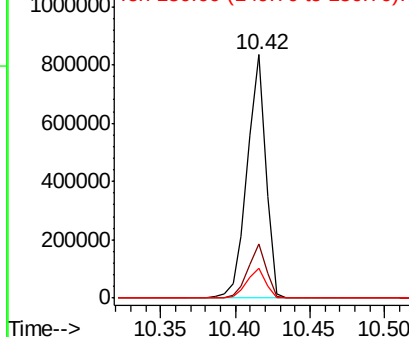


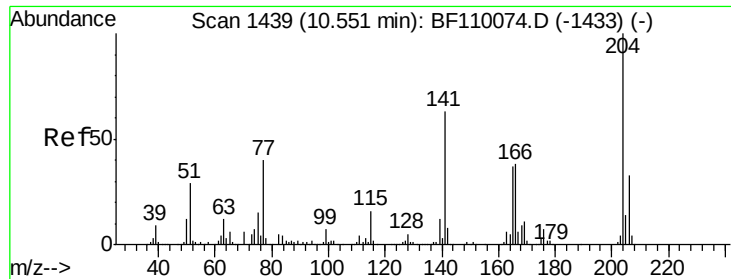
#60
Diethylphthalate
Concen: 51.779 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:149	Resp:	721544
Ion Ratio	Lower	Upper
149	100	
177	22.0	17.4 26.2
150	12.4	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

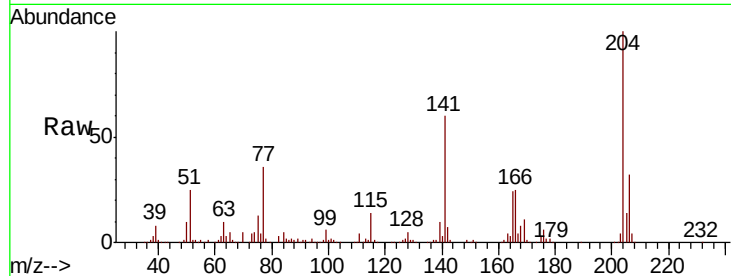




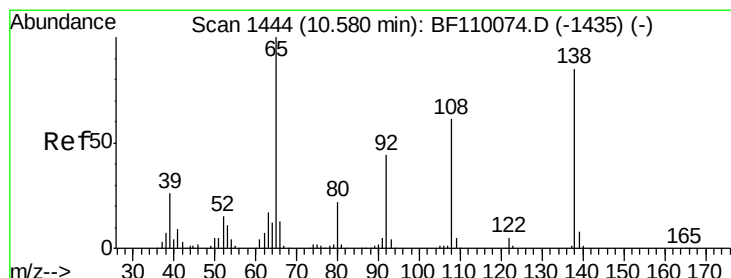
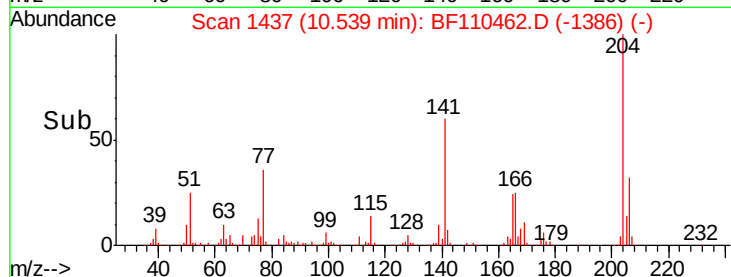
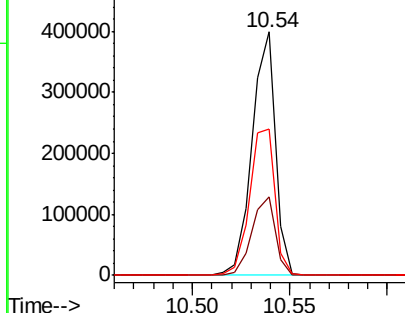
#61
4-Chlorophenyl-phenylether
Concen: 49.289 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 332091
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 60.0 51.8 77.8

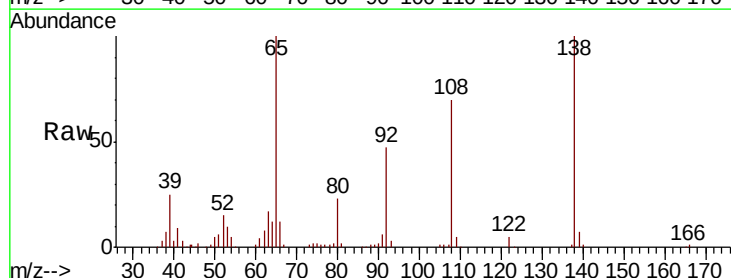


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

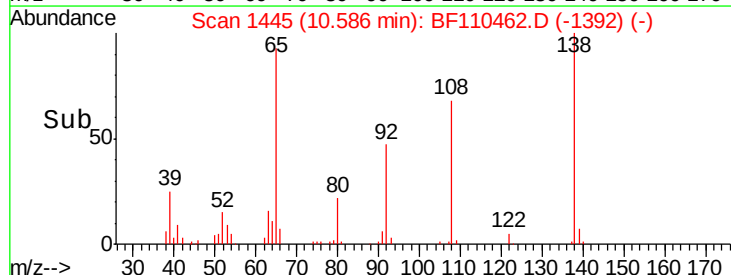
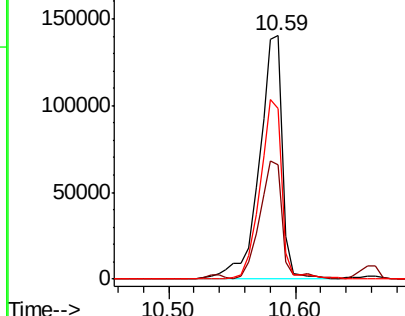


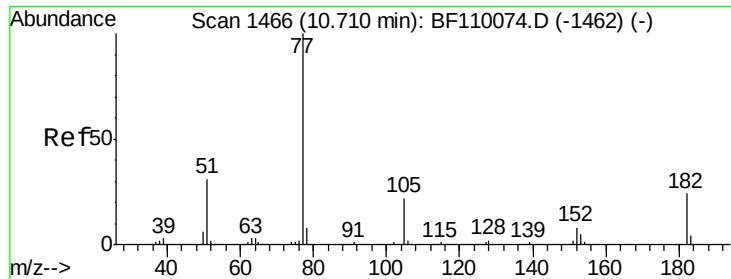
#62
4-Nitroaniline
Concen: 49.298 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:138 Resp: 179294
Ion Ratio Lower Upper
138 100
92 46.9 31.7 71.7
108 70.4 59.3 99.3



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





#63

Azobenzene

Concen: 50.984 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 705213

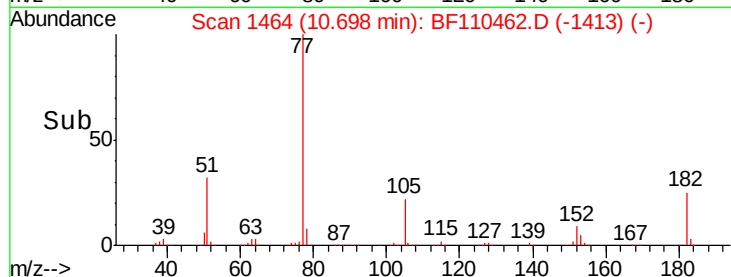
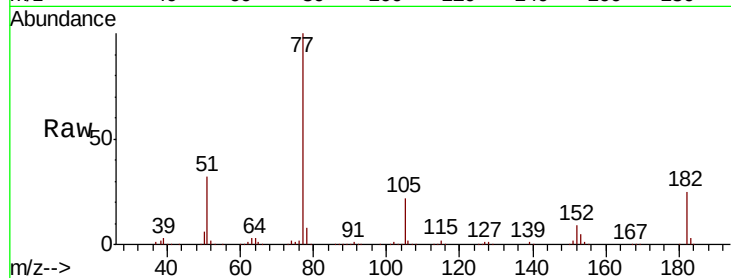
Ion Ratio Lower Upper

77 100

182 24.9 4.3 44.3

105 22.2 1.3 41.3

51 31.9 9.0 49.0

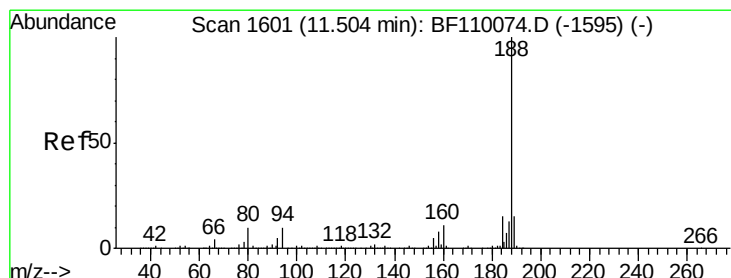
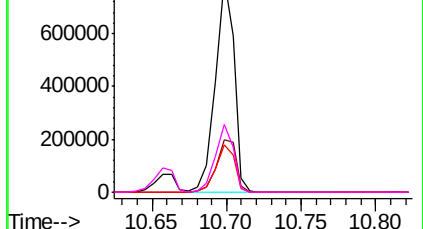


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

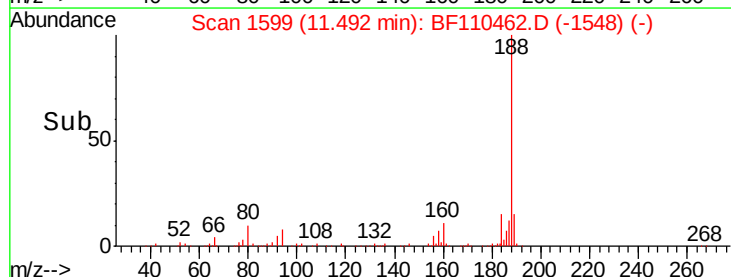
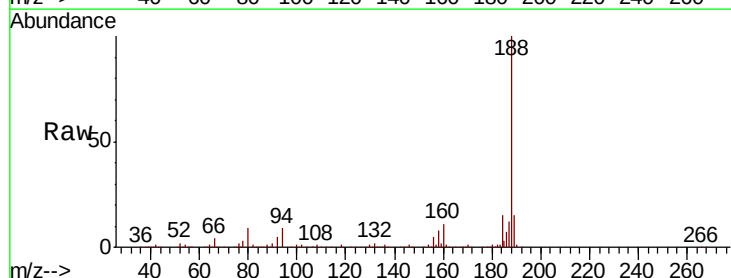
Tgt Ion: 188 Resp: 350358

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

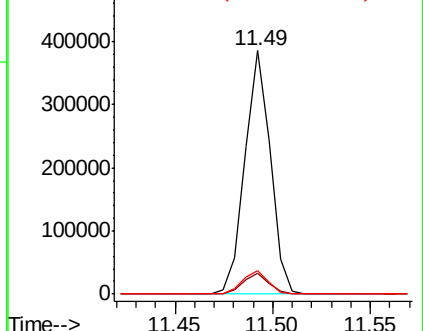
80 9.5 7.9 11.9

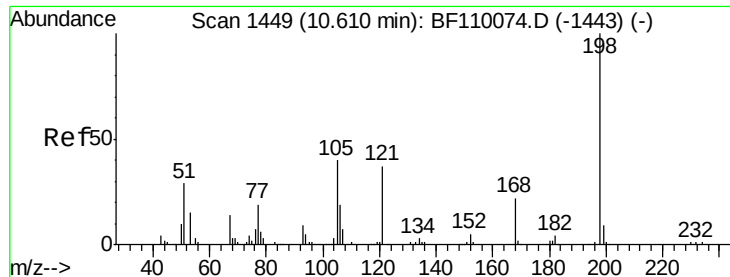


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

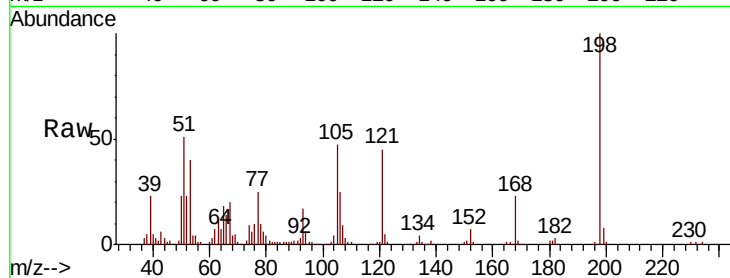




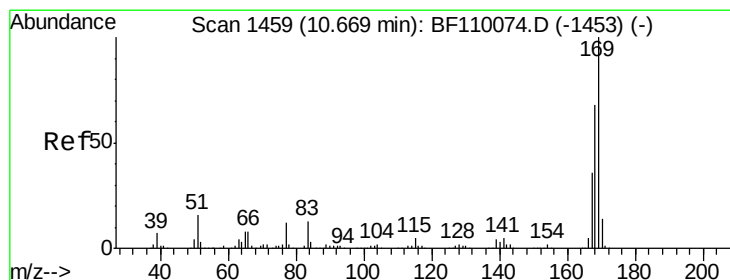
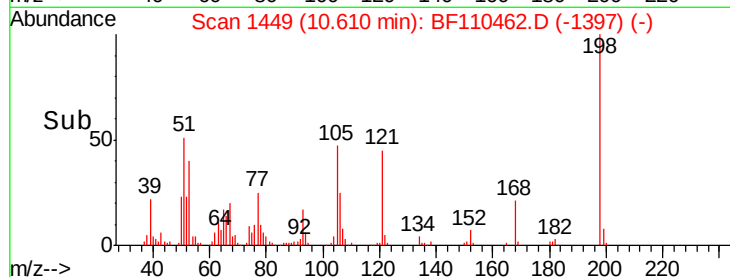
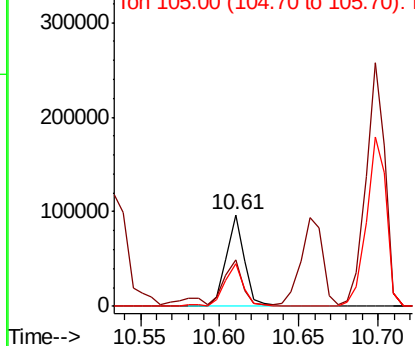
#65
4,6-Dinitro-2-methylphenol
Concen: 48.128 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 77038
Ion Ratio Lower Upper
198 100
51 51.2 22.8 62.8
105 46.6 23.6 63.6

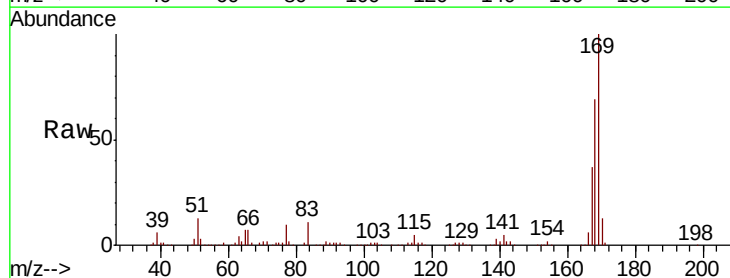


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

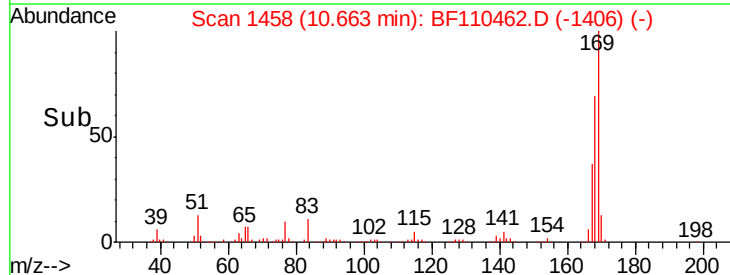
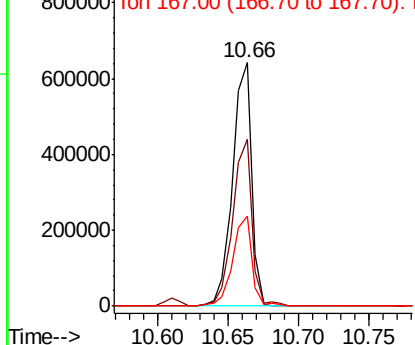


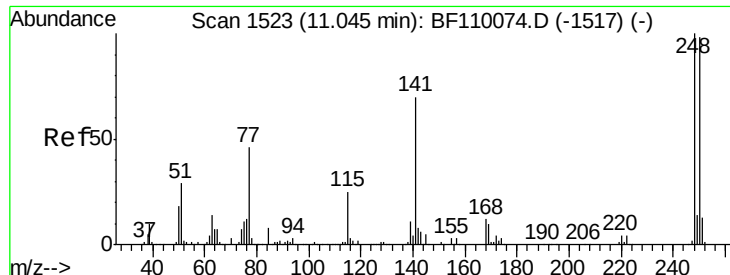
#66
n-Nitrosodiphenylamine
Concen: 52.604 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:169 Resp: 604517
Ion Ratio Lower Upper
169 100
168 68.7 51.2 76.8
167 37.1 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

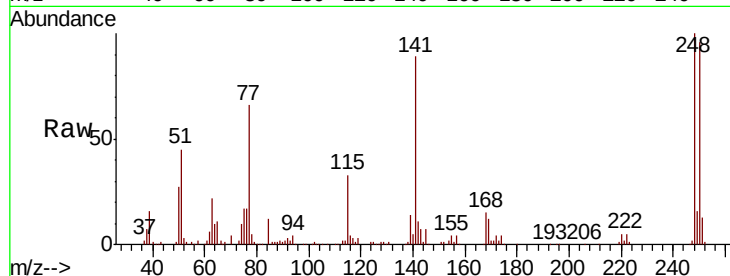




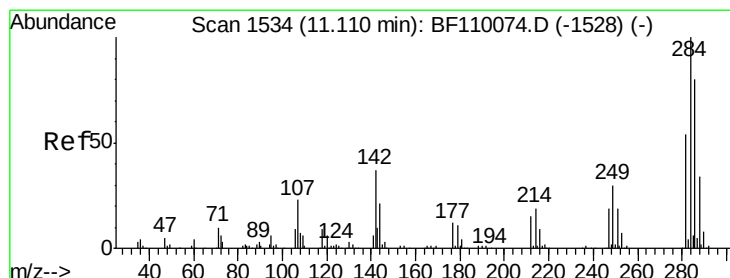
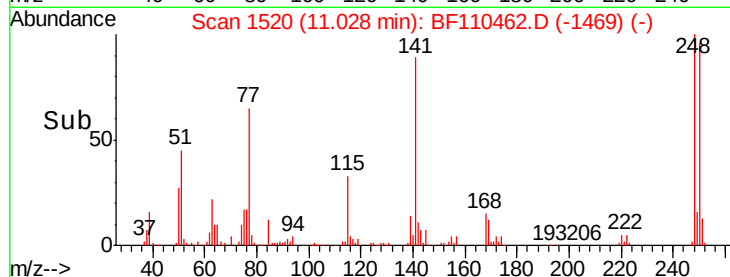
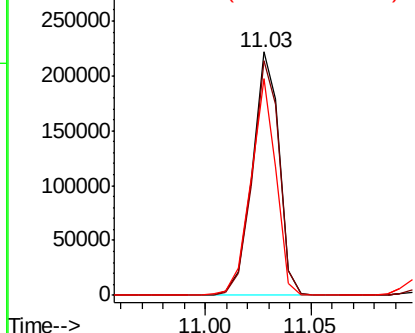
#67
 4-Bromophenyl-phenylether
 Concen: 51.570 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 195984
 Ion Ratio Lower Upper
 248 100
 250 96.4 79.4 119.2
 141 89.0 55.9 83.9#

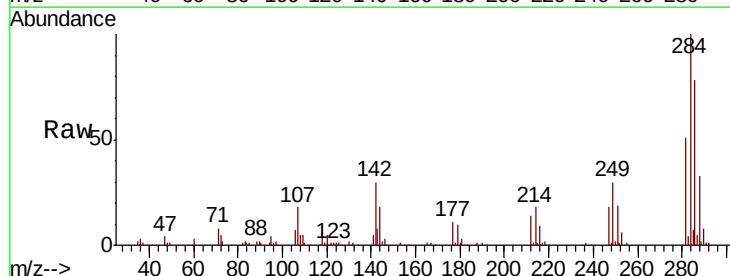


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

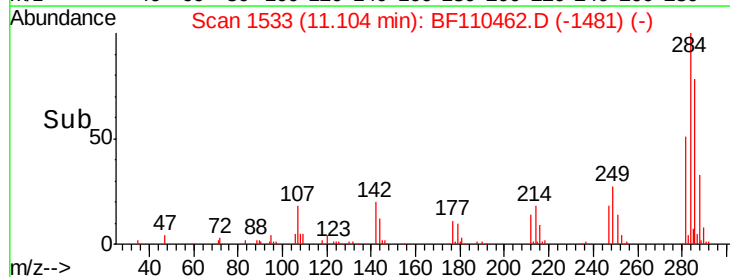
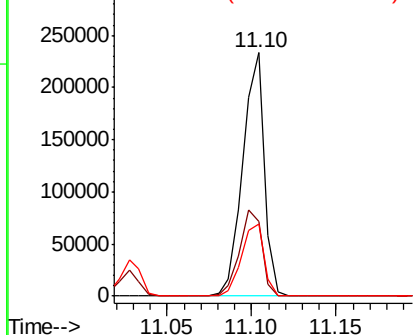


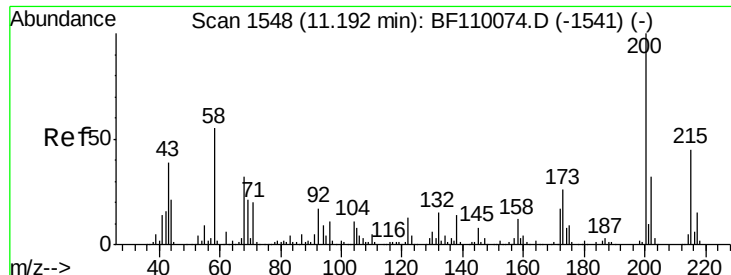
#68
 Hexachlorobenzene
 Concen: 51.569 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion:284 Resp: 207943
 Ion Ratio Lower Upper
 284 100
 142 30.5 23.9 35.9
 249 29.8 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

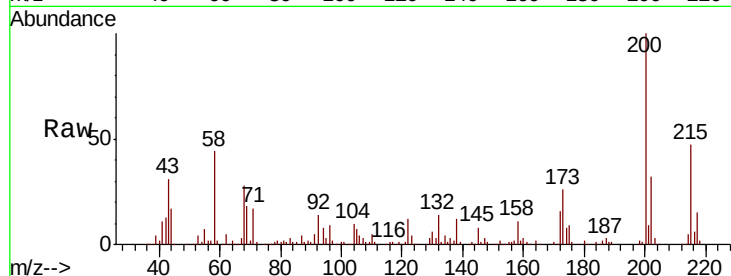




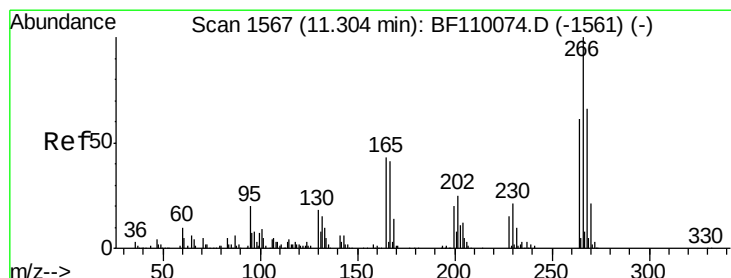
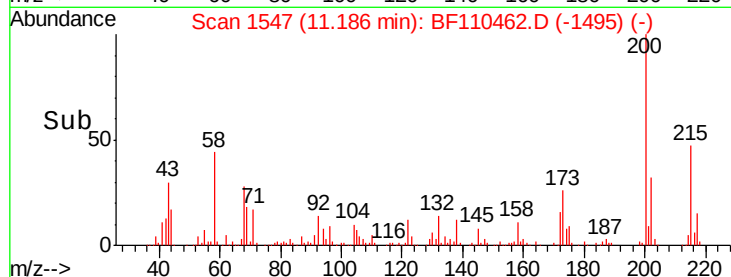
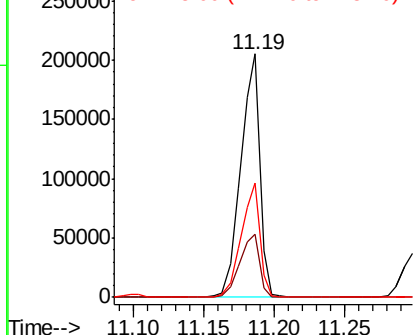
#69
Atrazine
Concen: 53.129 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 192945
Ion Ratio Lower Upper
200 100
173 25.8 6.6 46.6
215 47.2 26.3 66.3

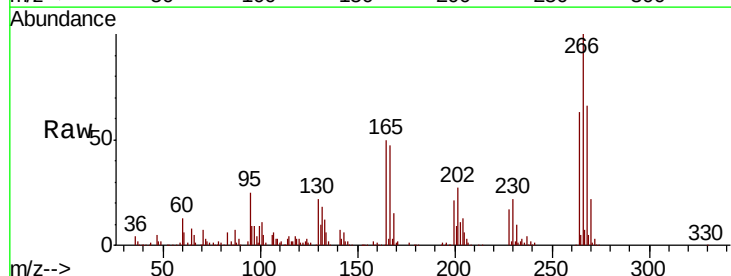


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

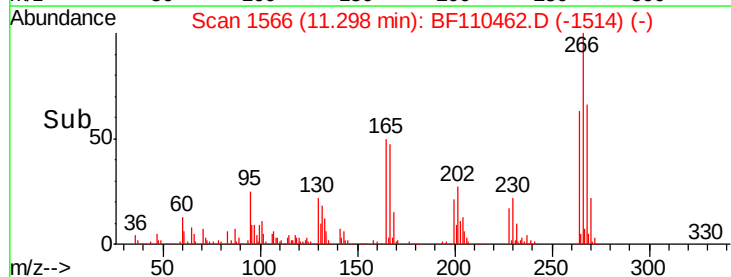
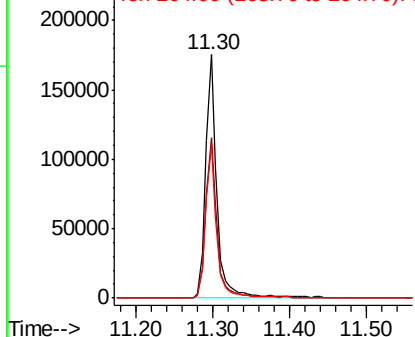


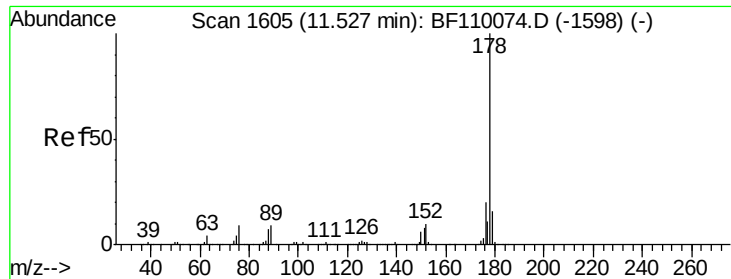
#70
Pentachlorophenol
Concen: 76.208 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:266 Resp: 179185
Ion Ratio Lower Upper
266 100
268 65.9 50.6 75.8
264 63.5 50.6 75.8



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





#71

Phenanthrene

Concen: 53.784 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampled :

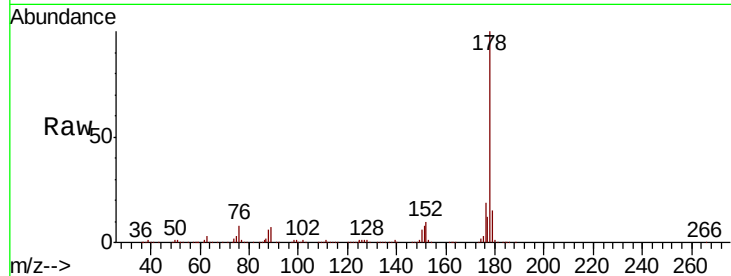
Tot Ion:178 Resp: 985993

Ion Ratio Lower Upper

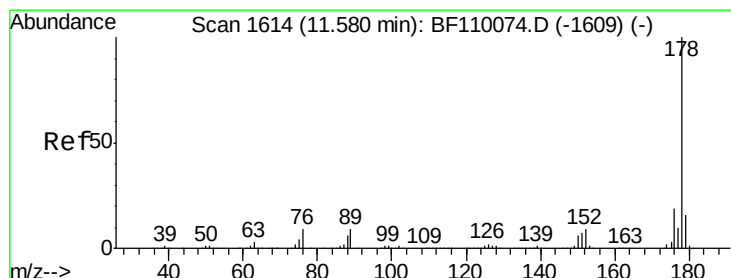
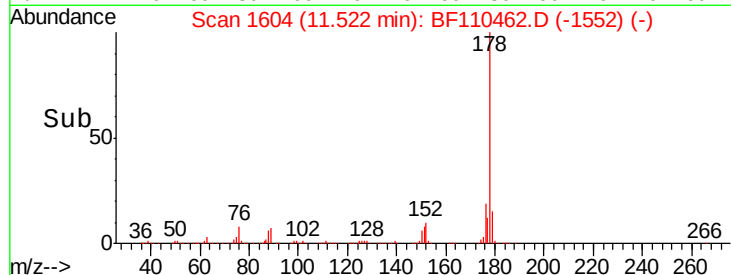
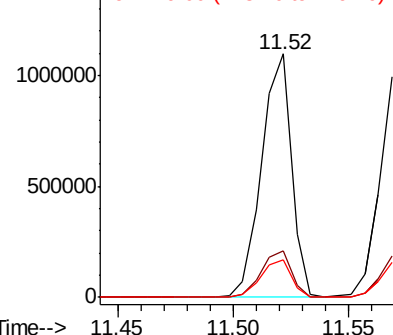
178 100

176 19.1 15.5 23.3

179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.529 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

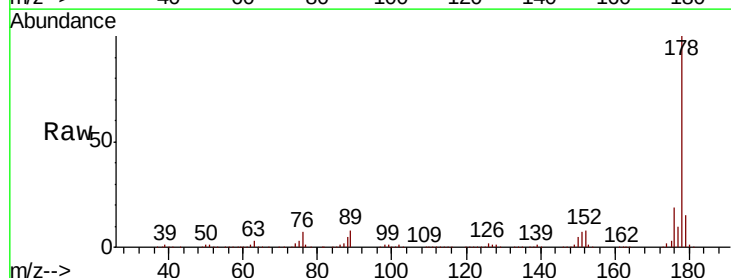
Tgt Ion:178 Resp: 1020360

Ion Ratio Lower Upper

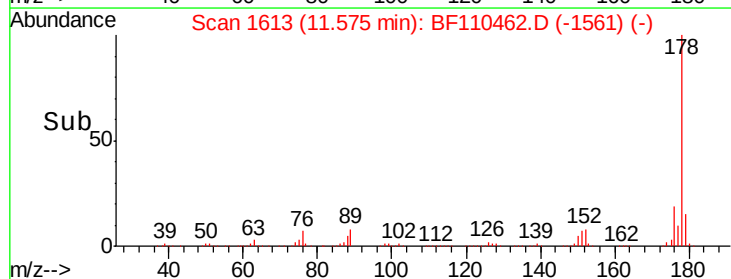
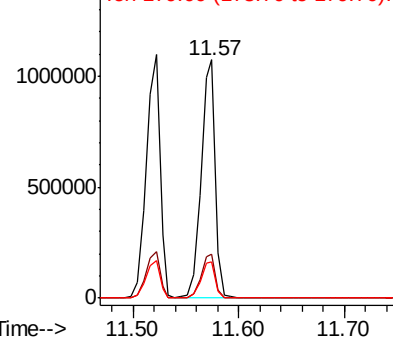
178 100

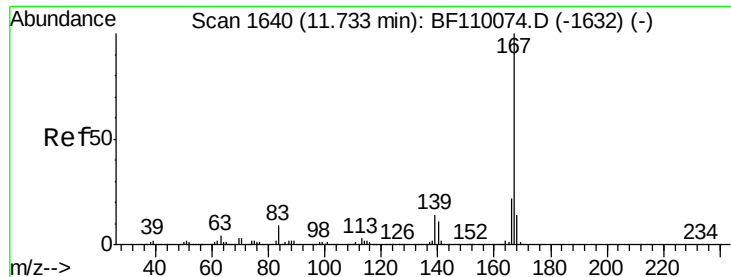
176 18.6 15.4 23.2

179 15.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

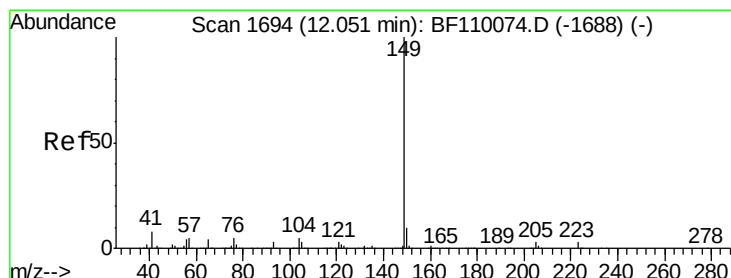
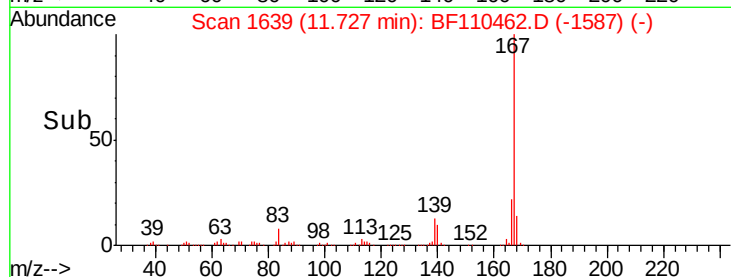
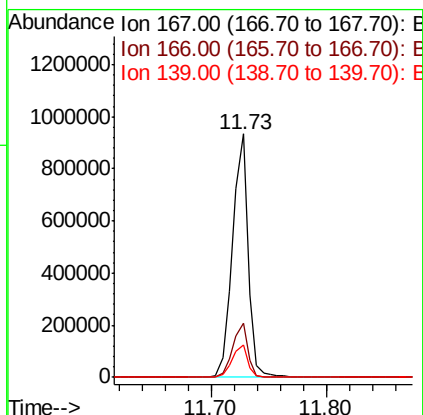
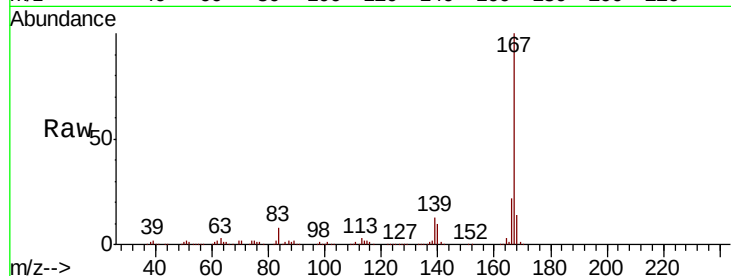




#73
 Carbazole
 Concen: 48.882 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

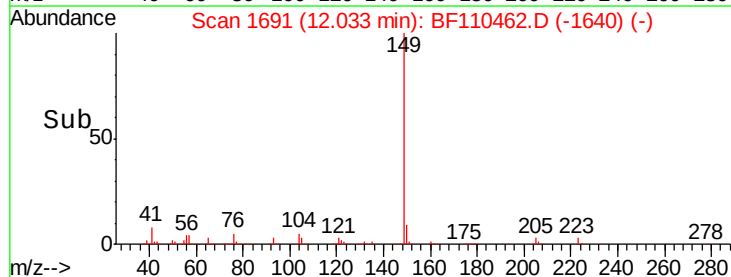
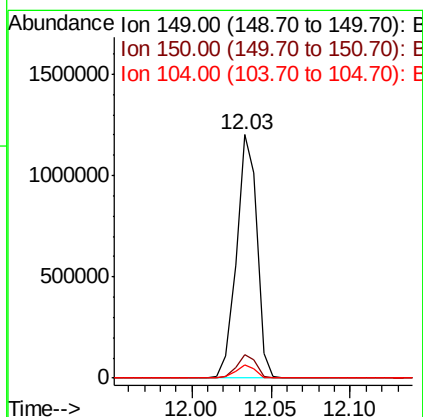
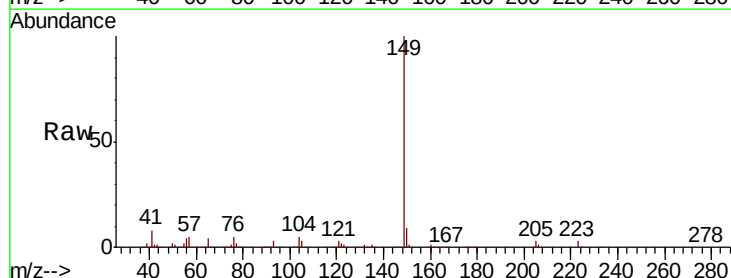
Instrument :
 BNA_F
 ClientSampleId :

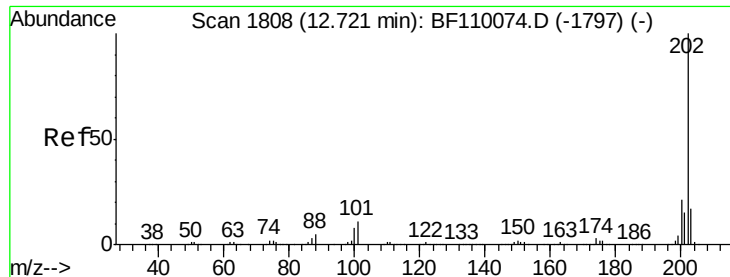
Tot Ion:167 Resp: 877013
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 52.734 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion:149 Resp: 1068554
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.4 4.2 6.4





#75

Fluoranthene

Concen: 51.204 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

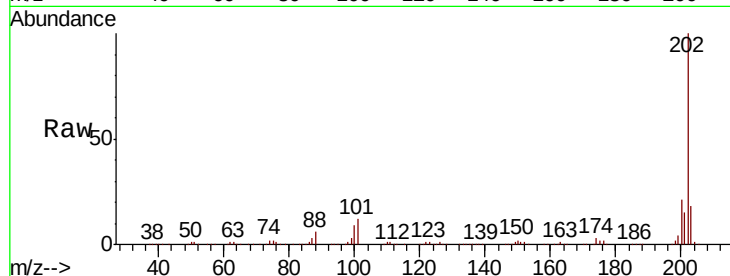
Tot Ion:202 Resp: 952661

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.4

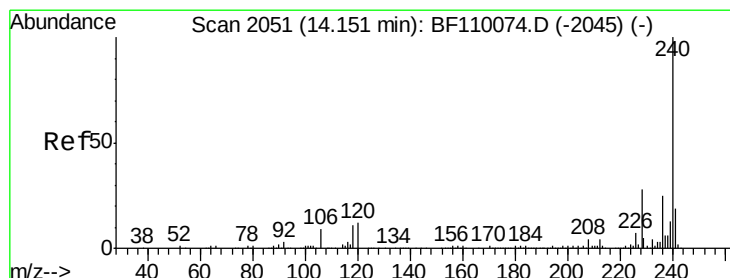
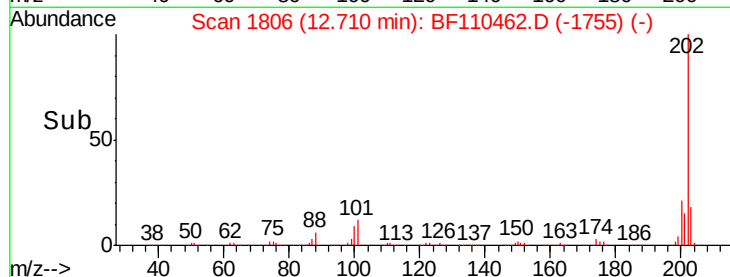
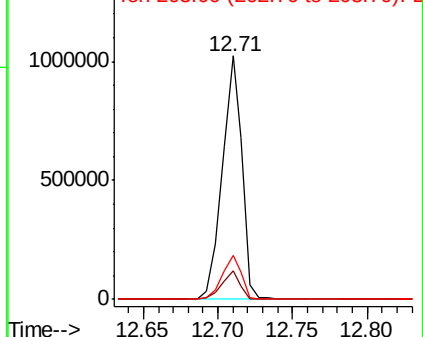
203 17.9 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

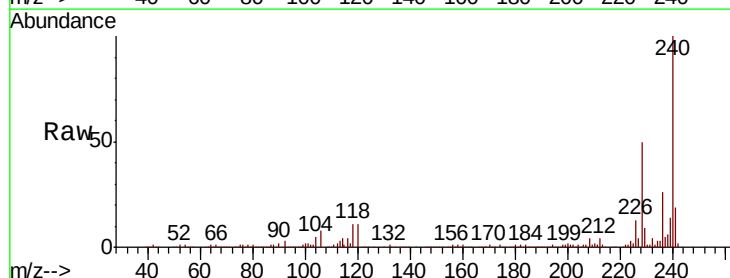
Tgt Ion:240 Resp: 190557

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

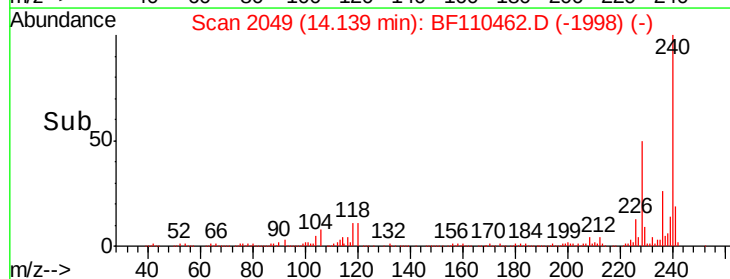
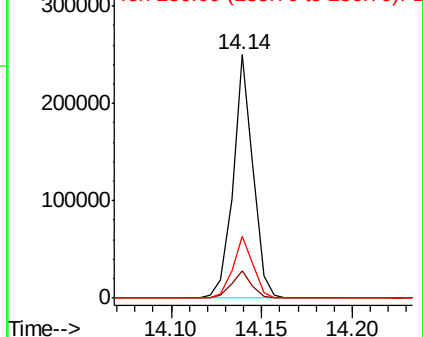
236 25.6 21.2 31.8

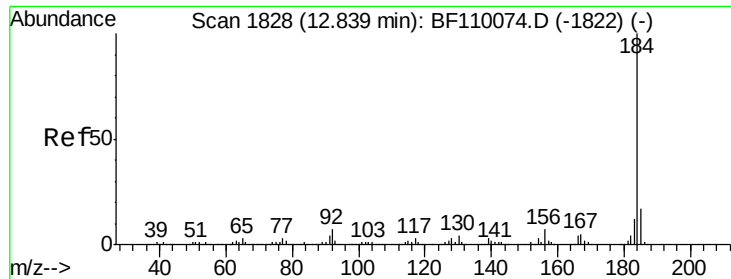


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.446 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

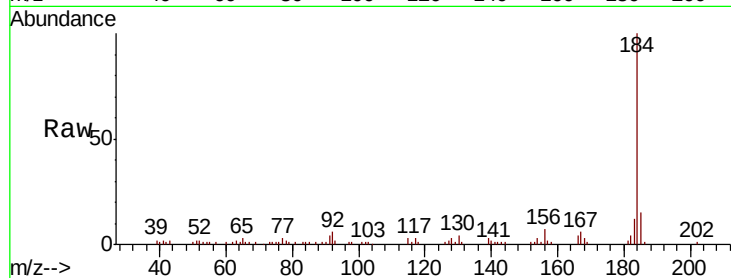
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 73517

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.2
183	12.2	9.4	14.2

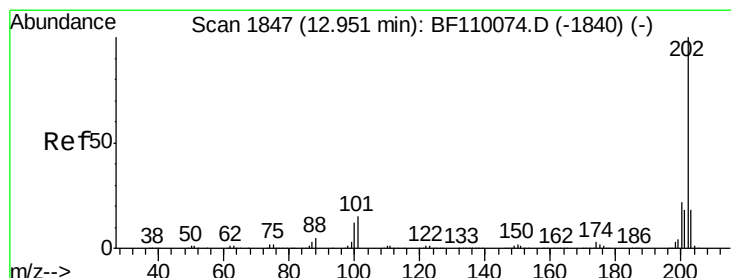
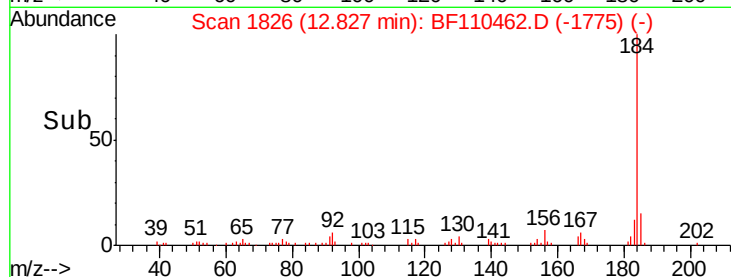
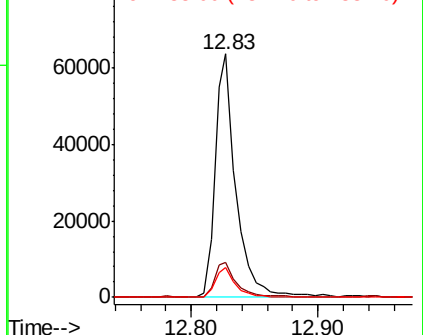


Abundance

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: 68.323 ng

RT: 12.94 min Scan# 1845

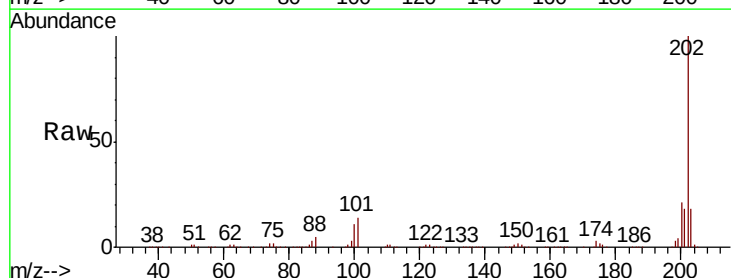
Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:202 Resp: 933382

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.7	14.2	21.4

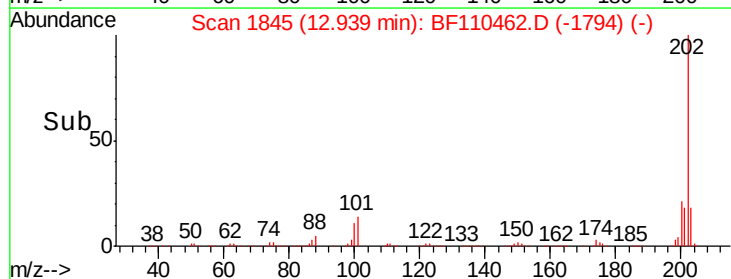
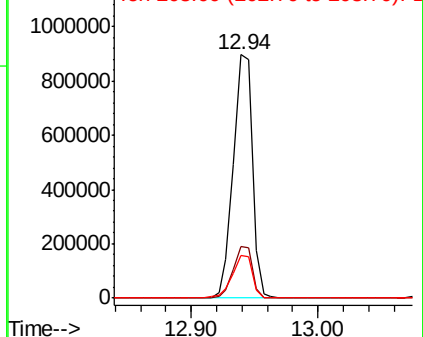


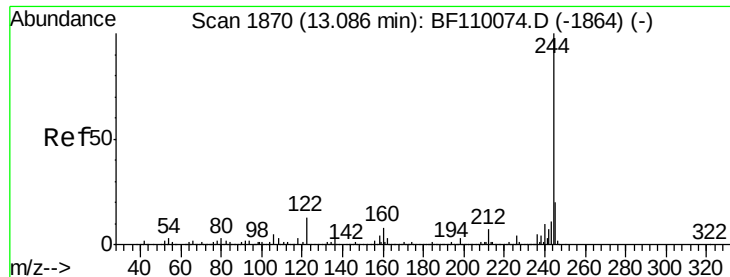
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 130.584 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

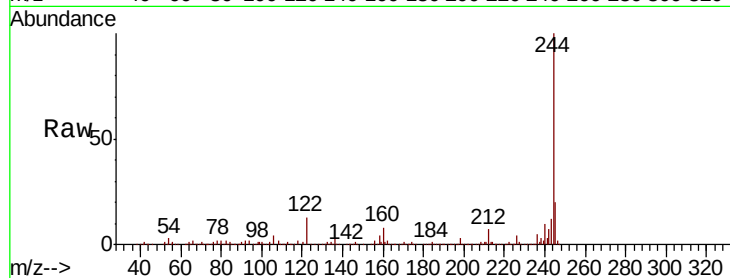
Tot Ion:244 Resp: 1196496

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

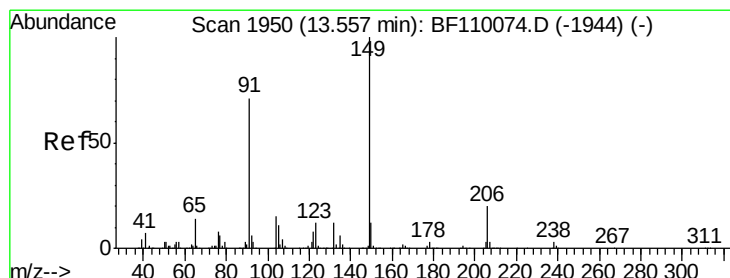
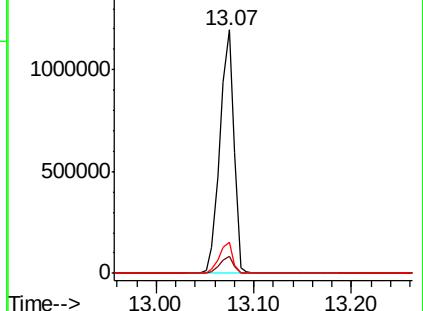
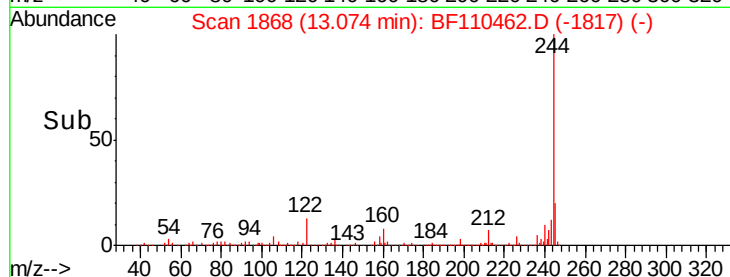
122 12.6 8.7 13.1



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: 63.484 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

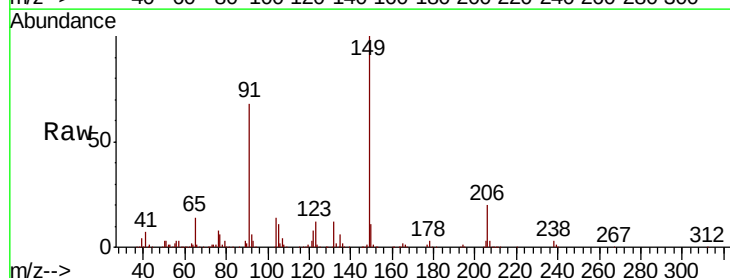
Tgt Ion:149 Resp: 376433

Ion Ratio Lower Upper

149 100

91 68.2 57.2 85.8

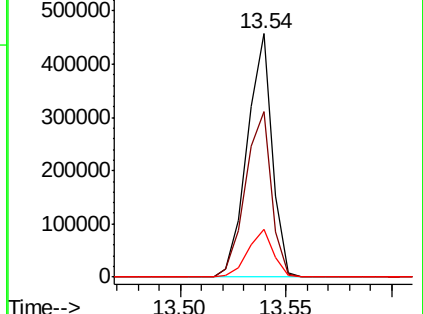
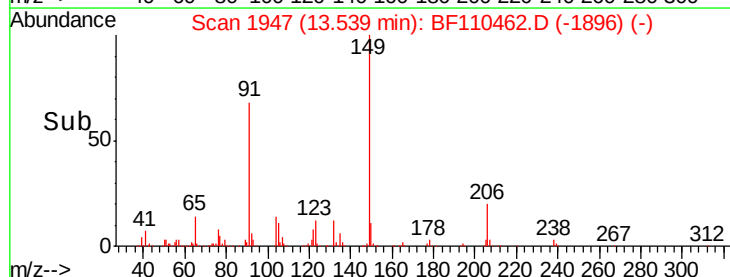
206 19.7 15.7 23.5

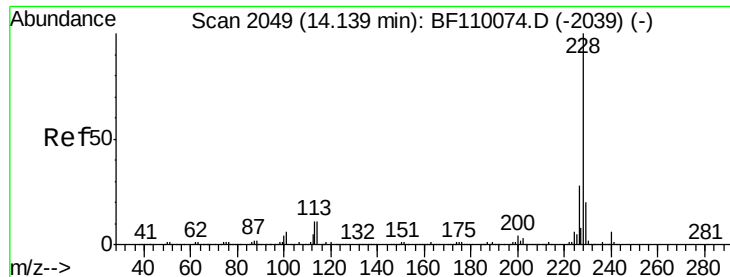


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 57.295 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

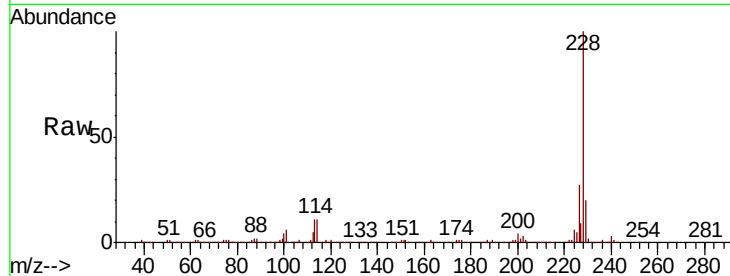
Tot Ion:228 Resp: 647459

Ion Ratio Lower Upper

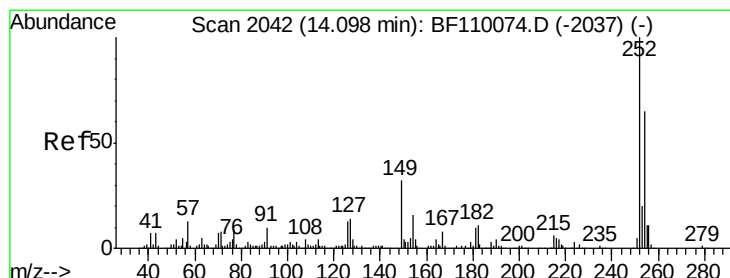
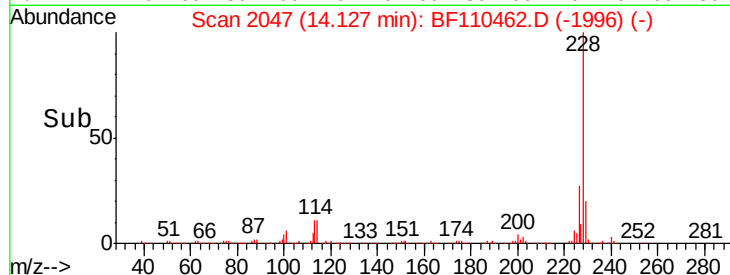
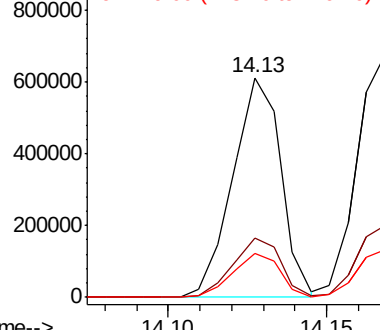
228 100

226 27.0 22.1 33.1

229 19.7 15.6 23.4



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



#82

3,3'-Dichlorobenzidine

Concen: 34.947 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

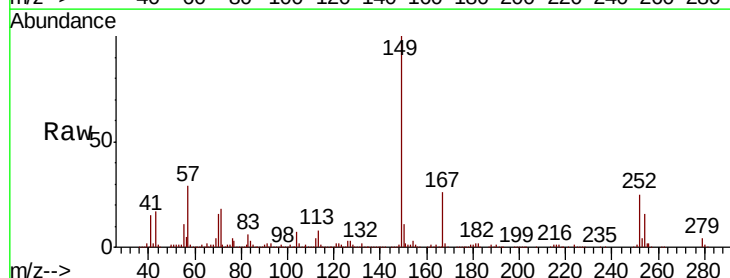
Tgt Ion:252 Resp: 137518

Ion Ratio Lower Upper

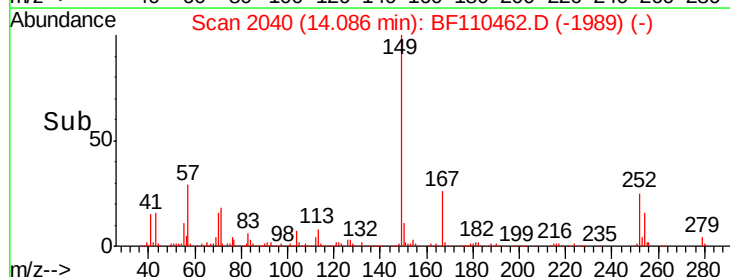
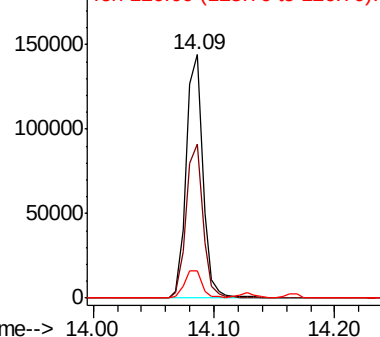
252 100

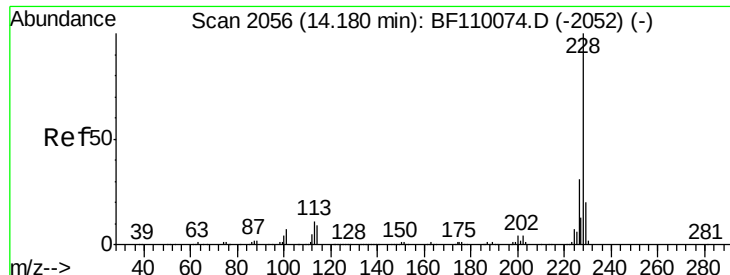
254 63.3 51.3 76.9

126 11.2 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

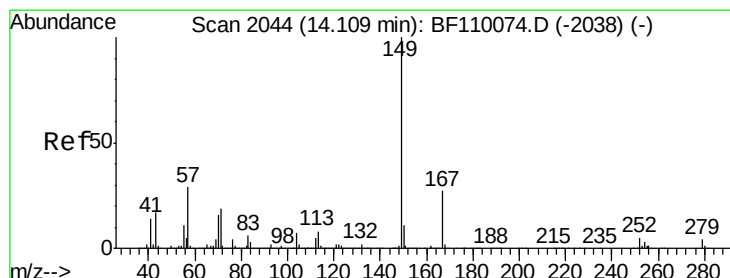
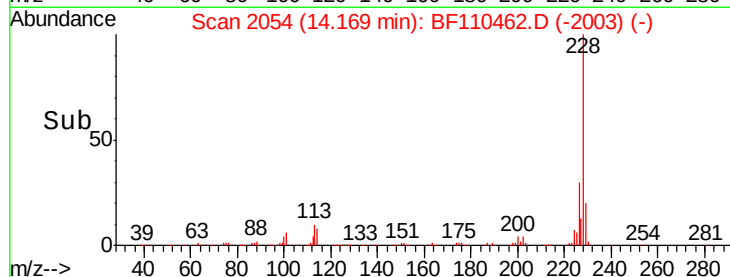
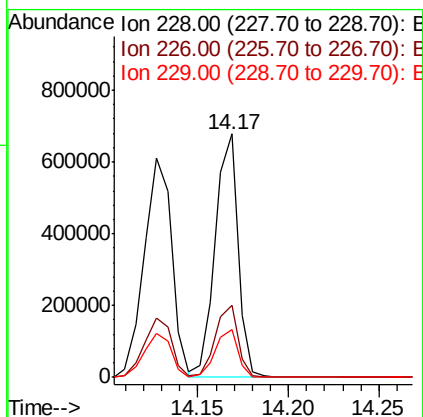
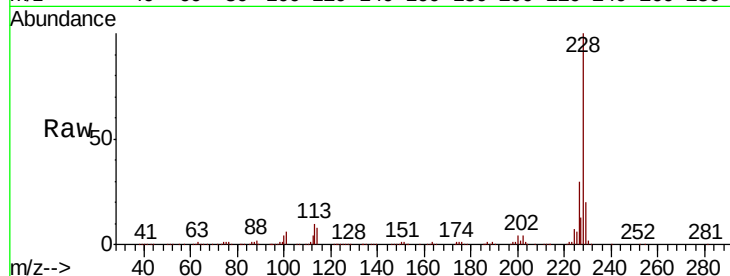




#83
 Chrysene
 Concen: 55.386 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

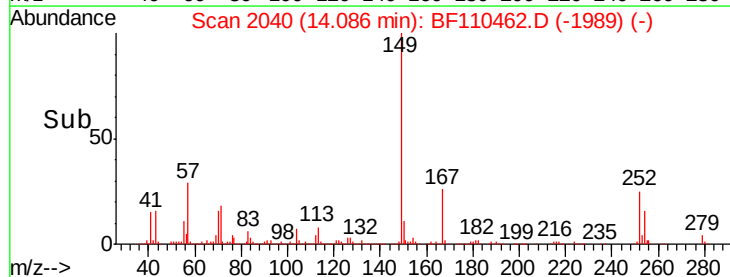
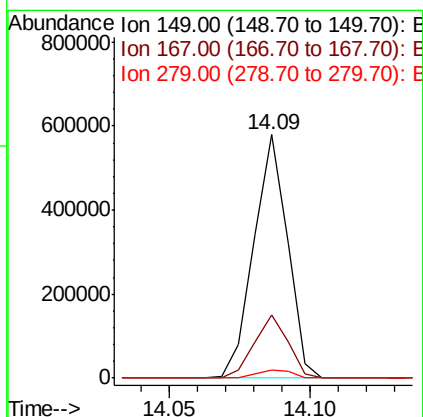
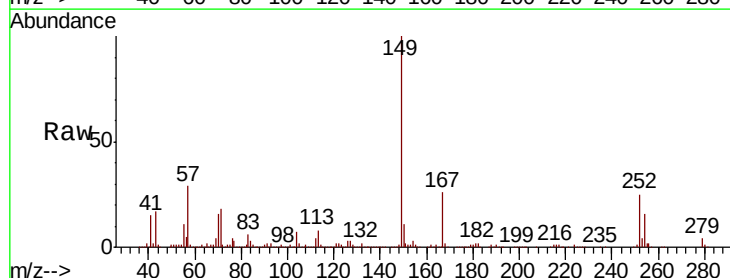
Instrument :
 BNA_F
 ClientSampled :

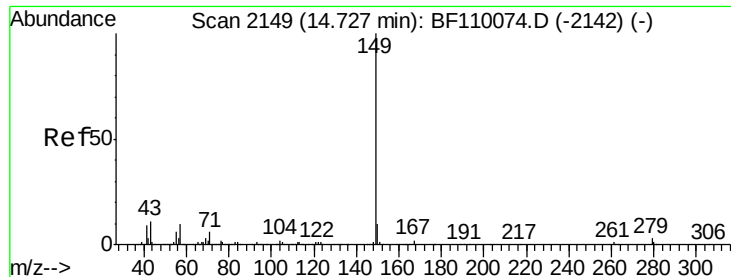
Tot Ion:228 Resp: 594474
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.7 37.1
 229 19.8 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.119 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion:149 Resp: 481888
 Ion Ratio Lower Upper
 149 100
 167 26.0 19.8 29.8
 279 3.6 2.7 4.1

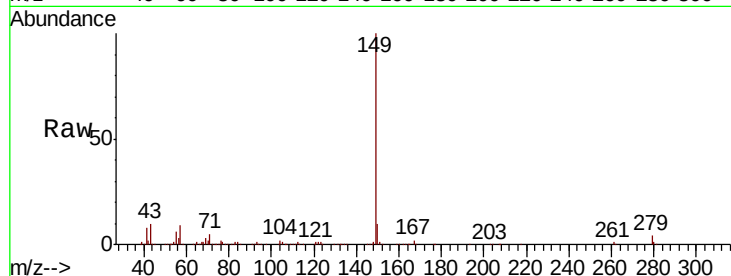




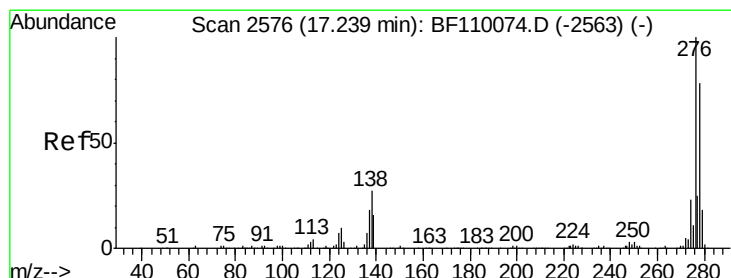
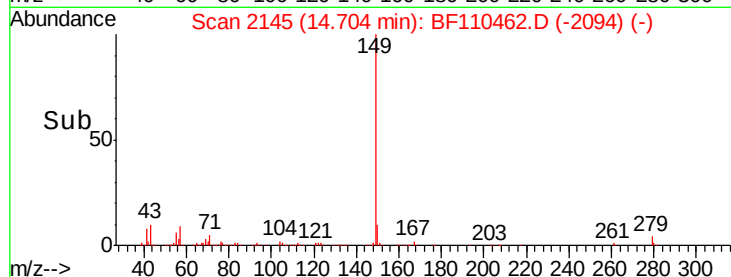
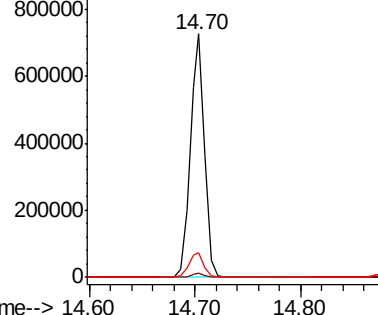
#85
Di-n-octyl phthalate
Concen: 55.028 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 685847
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.1 7.8 11.8

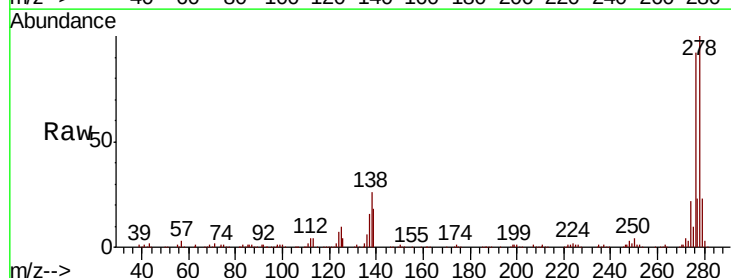


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

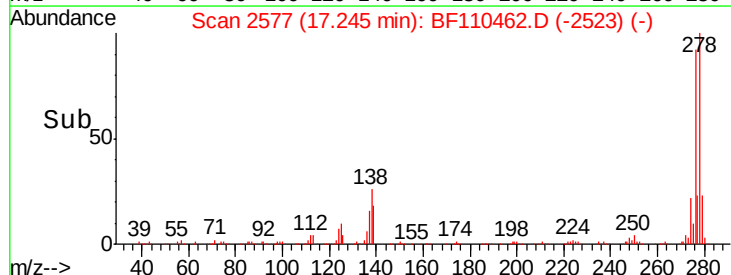
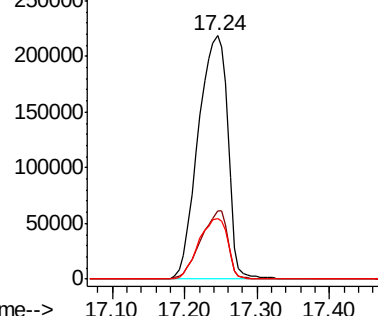


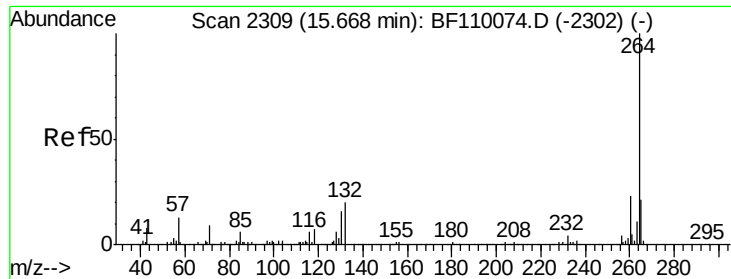
#86
Indeno(1,2,3-cd)pyrene
Concen: 69.777 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.02 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:276 Resp: 621306
Ion Ratio Lower Upper
276 100
138 25.6 18.5 27.7
277 24.7 20.0 30.0



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

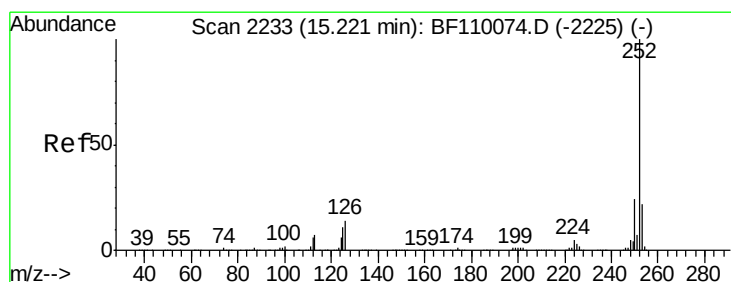
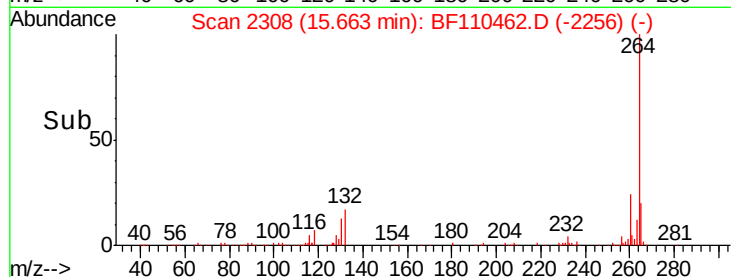
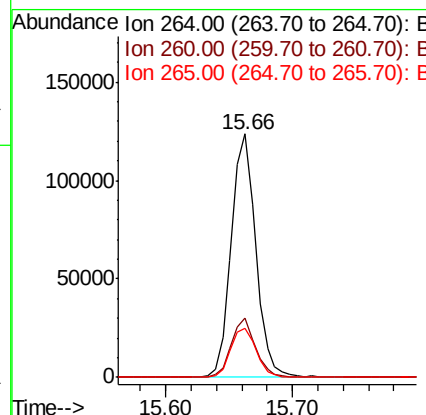
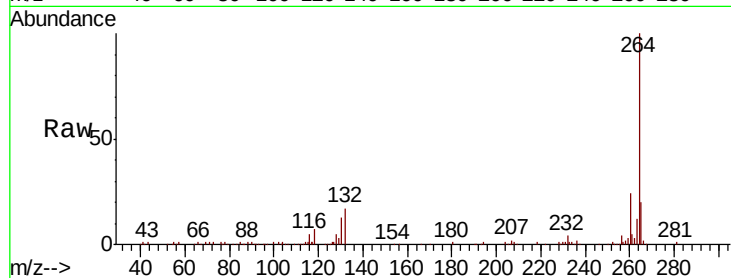




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

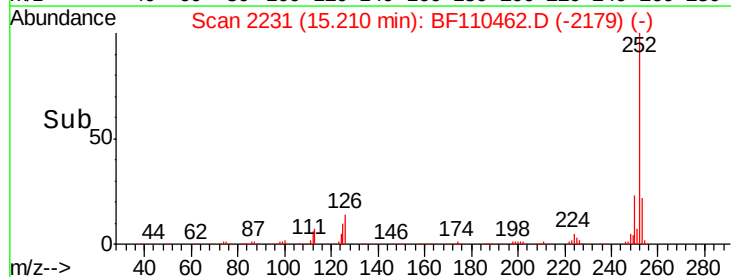
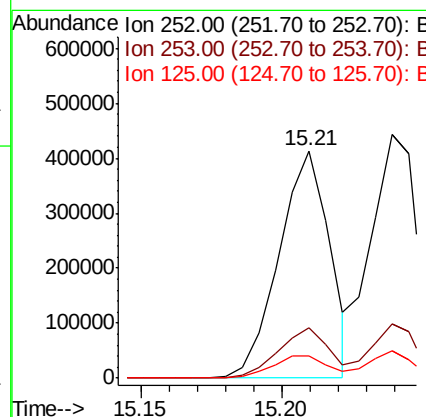
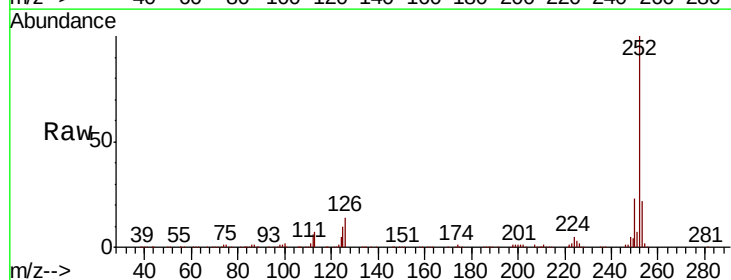
Instrument :
BNA_F
ClientSampleId :

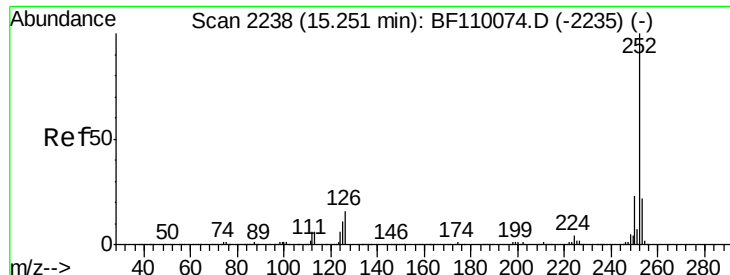
Tot Ion:264 Resp: 165410
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 20.3 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 53.973 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:252 Resp: 515544
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.0 8.2 12.4

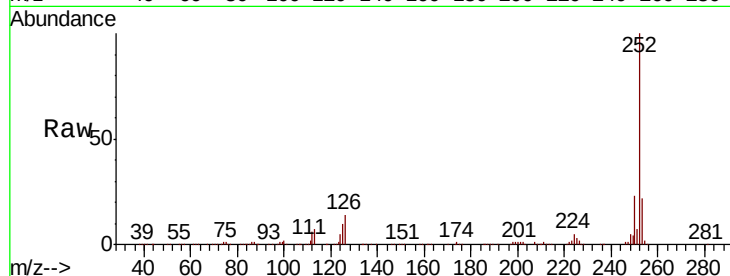




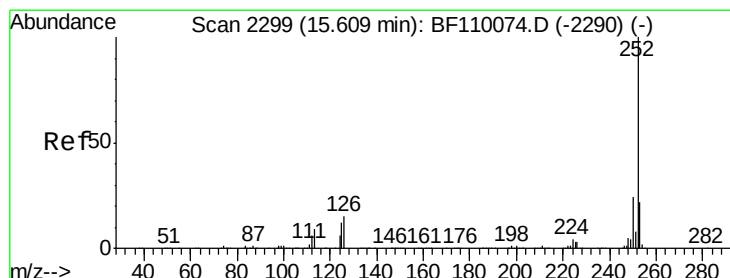
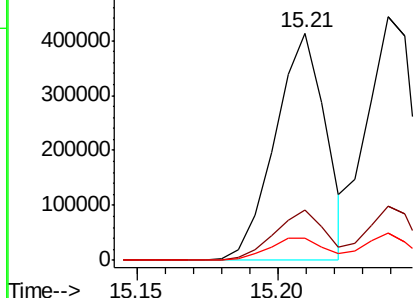
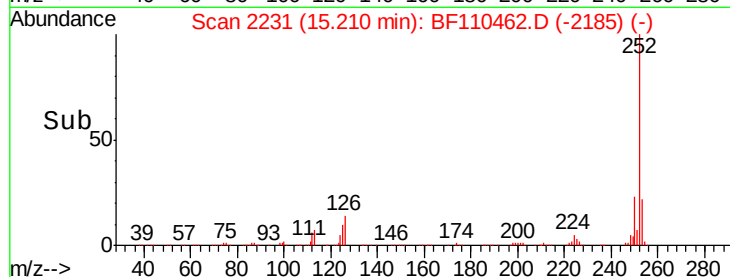
#89
Benzo(k)fluoranthene
Concen: 54.901 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 515544
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.0 7.4 11.0

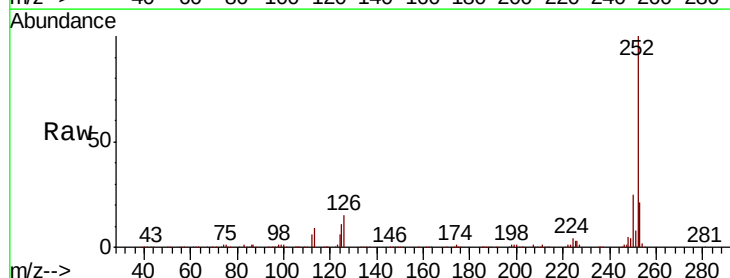


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

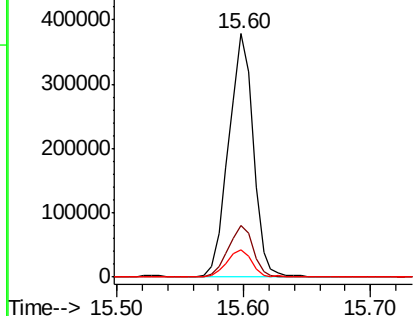
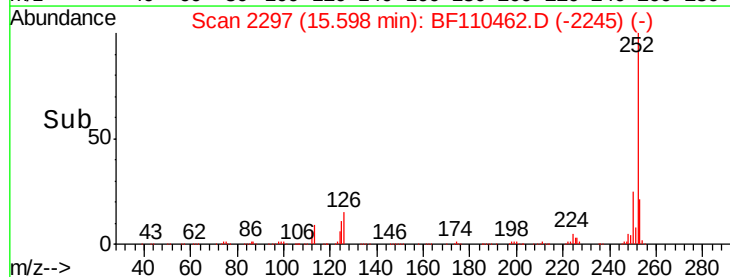


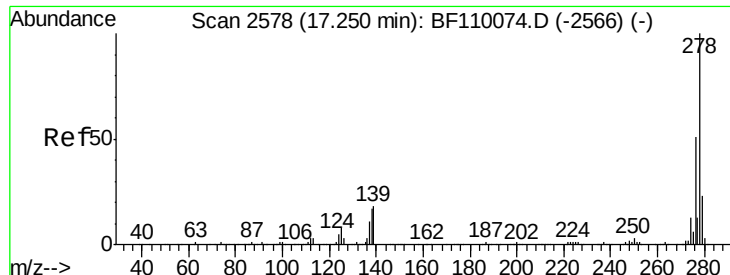
#90
Benzo(a)pyrene
Concen: 57.783 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion:252 Resp: 507868
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 11.3 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

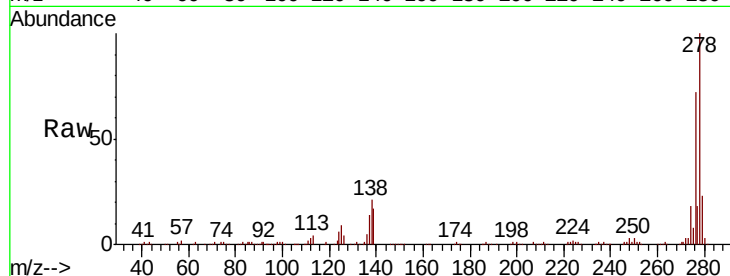




#91
Dibenzo(a,h)anthracene
Concen: 67.527 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.7	19.1
279	23.3	19.0	28.4

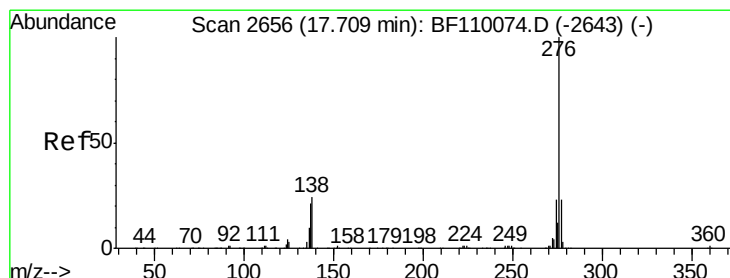
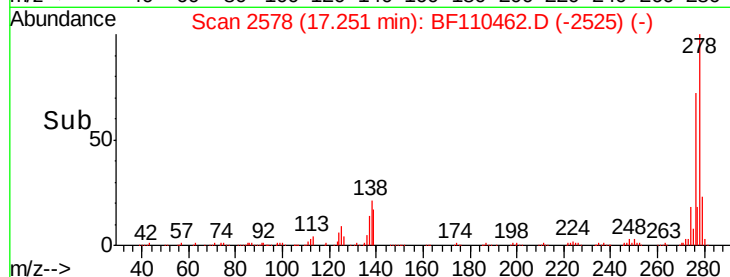
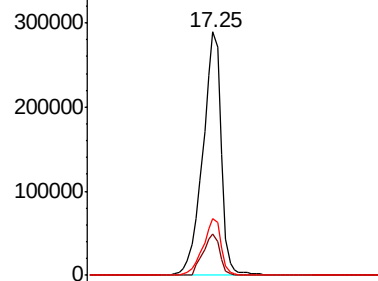


Abundance

Ion 278.00 (277.70 to 278.70): E

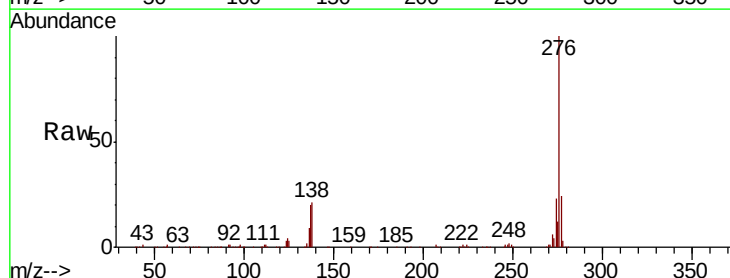
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 71.560 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.02 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.0	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

