

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110671.D
 Acq On : 12 Nov 2018 13:43
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 12 16:23:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	83191	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	363726	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	172449	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	322854	20.00	ng	0.00
76) Chrysene-d12	14.13	240	241273	20.00	ng	0.00
87) Perylene-d12	15.66	264	172087	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	423174	82.63	ng	0.00
7) Phenol-d6	6.57	99	540897	82.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	515076	81.55	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	137846	79.33	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	943726	78.16	ng	0.00
79) Terphenyl-d14	13.07	244	988020	76.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	104192	40.830	ng	90
3) Pyridine	3.56	79	228530	41.489	ng	# 83
4) n-Nitrosodimethylamine	3.53	42	101895	43.113	ng	90
6) Aniline	6.61	93	349171	40.882	ng	# 55
8) 2-Chlorophenol	6.73	128	246257	41.016	ng	99
9) Benzaldehyde	6.50	77	151354	44.235	ng	97
10) Phenol	6.59	94	315969	41.607	ng	# 66
11) bis(2-Chloroethyl)ether	6.68	93	232504	40.853	ng	95
12) 1,3-Dichlorobenzene	6.89	146	267893	40.780	ng	99
13) 1,4-Dichlorobenzene	6.96	146	272132	40.794	ng	97
14) 1,2-Dichlorobenzene	7.12	146	253160	40.795	ng	99
15) Benzyl Alcohol	7.09	79	214824	41.915	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	368107	41.186	ng	70
17) 2-Methylphenol	7.19	107	196210	41.062	ng	# 81
18) Hexachloroethane	7.46	117	101271	41.121	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	174787	41.809	ng	95
20) 3+4-Methylphenols	7.35	107	253228	41.283	ng	# 86
22) Acetophenone	7.36	105	341249	40.256	ng	# 92
24) Nitrobenzene	7.53	77	263431	40.710	ng	96
25) Isophorone	7.77	82	415366	40.125	ng	96
26) 2-Nitrophenol	7.85	139	133020	41.205	ng	99
27) 2,4-Dimethylphenol	7.87	122	199912	40.662	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	281263	40.130	ng	98
29) 2,4-Dichlorophenol	8.09	162	205788	40.679	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	225529	39.541	ng	98
31) Naphthalene	8.25	128	679872	39.817	ng	99
32) Benzoic acid	8.01	122	125322	36.027	ng	94
33) 4-Chloroaniline	8.30	127	308422	39.877	ng	99
34) Hexachlorobutadiene	8.36	225	129330	39.698	ng	99
35) Caprolactam	8.69	113	71174	42.111	ng	94
36) 4-Chloro-3-methylphenol	8.78	107	223130	40.897	ng	96
37) 2-Methylnaphthalene	8.94	142	453098	40.479	ng	99
38) 1-Methylnaphthalene	9.04	142	432368	40.165	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	220801	40.449	ng	99

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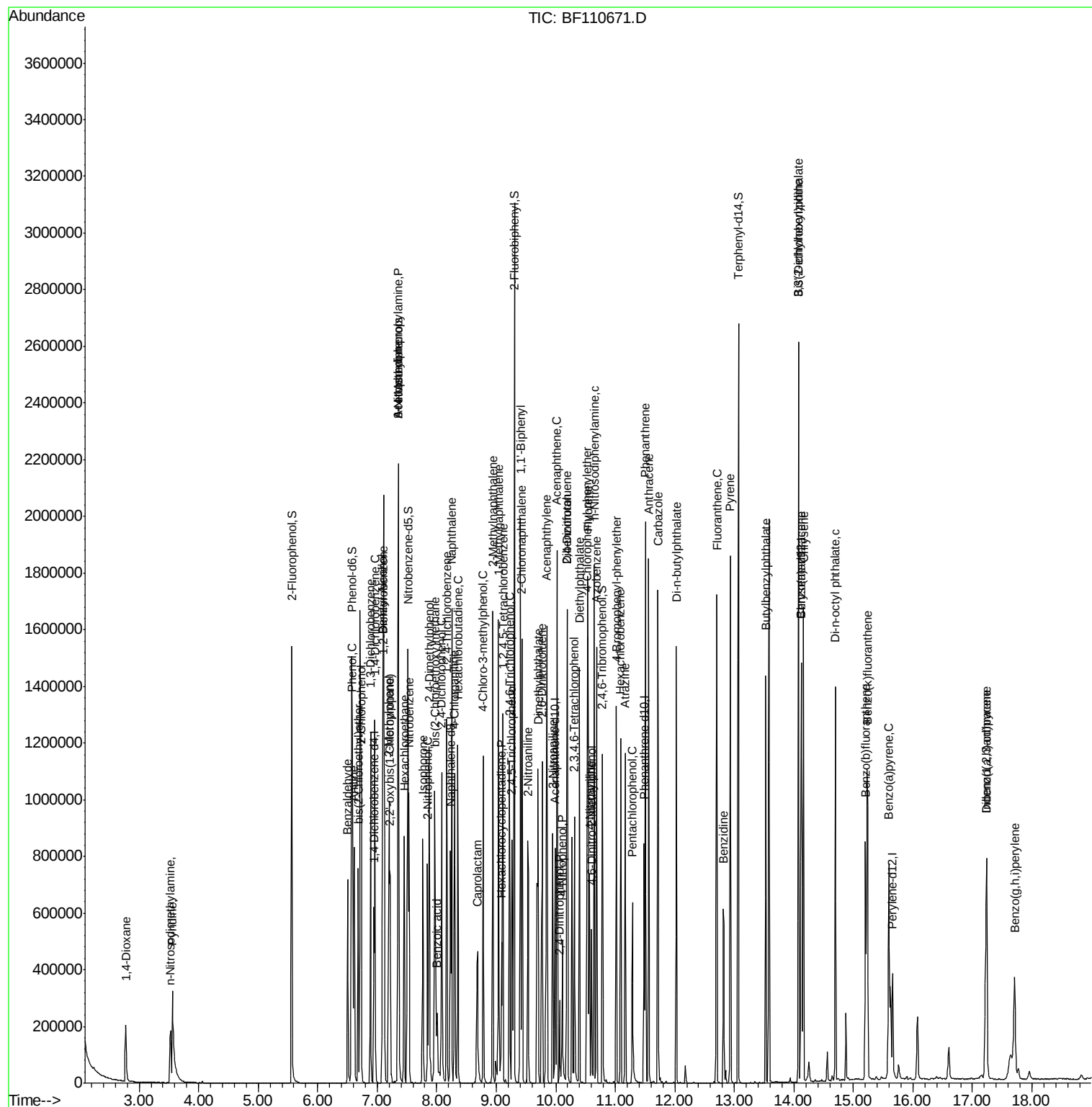
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	61898	33.940	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	139001	40.522	ng	96
44) 2,4,5-Trichlorophenol	9.27	196	145426	39.745	ng	93
46) 1,1'-Biphenyl	9.40	154	646431	40.183	ng	99
47) 2-Chloronaphthalene	9.43	162	467282	40.319	ng	97
48) 2-Nitroaniline	9.53	65	147278	41.237	ng	98
49) Acenaphthylene	9.85	152	678288	40.639	ng	99
50) Dimethylphthalate	9.70	163	514323	39.970	ng	100
51) 2,6-Dinitrotoluene	9.77	165	116373	41.112	ng	98
52) Acenaphthene	10.02	154	425001	40.292	ng	97
53) 3-Nitroaniline	9.95	138	134657	41.061	ng	89
54) 2,4-Dinitrophenol	10.06	184	39434	37.618	ng	92
55) Dibenzofuran	10.20	168	614560	39.823	ng	97
56) 4-Nitrophenol	10.11	139	88011	40.452	ng	94
57) 2,4-Dinitrotoluene	10.19	165	151078	41.049	ng	95
58) Fluorene	10.54	166	475831	40.142	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	118685	41.232	ng	93
60) Diethylphthalate	10.40	149	506934	39.821	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	246268	40.126	ng	96
62) 4-Nitroaniline	10.57	138	136565	41.354	ng	93
63) Azobenzene	10.69	77	505201	40.676	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	64305	39.520	ng	90
66) n-Nitrosodiphenylamine	10.65	169	439113	40.351	ng	98
67) 4-Bromophenyl-phenylether	11.02	248	142941	40.060	ng	# 90
68) Hexachlorobenzene	11.09	284	152149	40.444	ng	96
69) Atrazine	11.17	200	133597	40.151	ng	97
70) Pentachlorophenol	11.29	266	81146	40.424	ng	97
71) Phenanthrene	11.51	178	696210	40.251	ng	100
72) Anthracene	11.56	178	699909	40.113	ng	98
73) Carbazole	11.72	167	676140	40.350	ng	100
74) Di-n-butylphthalate	12.03	149	795510	40.483	ng	99
75) Fluoranthene	12.70	202	698430	40.276	ng	99
77) Benzidine	12.82	184	244579	36.862	ng	99
78) Pyrene	12.93	202	728438	39.211	ng	98
80) Butylbenzylphthalate	13.53	149	324631	40.600	ng	98
81) Benzo(a)anthracene	14.12	228	582842	40.416	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	188111	38.938	ng	99
83) Chrysene	14.16	228	554910	40.389	ng	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	413670	41.704	ng	97
85) Di-n-octyl phthalate	14.70	149	647882	44.417	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	377467	38.286	ng	97
88) Benzo(b)fluoranthene	15.20	252	430937	41.860	ng	100
89) Benzo(k)fluoranthene	15.24	252	403047	39.621	ng	100
90) Benzo(a)pyrene	15.60	252	372978	39.875	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	314886	39.781	ng	98
92) Benzo(g,h,i)perylene	17.71	276	311365	39.646	ng	97

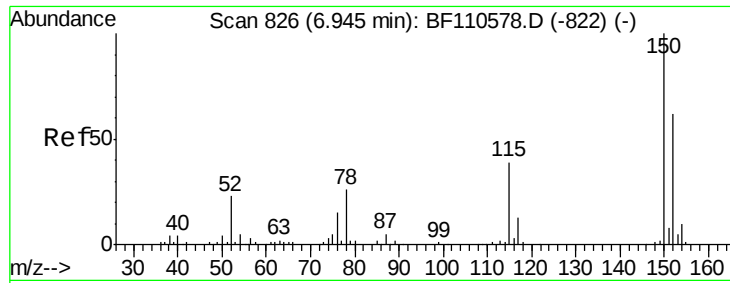
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Nov 12 16:23:45 2018
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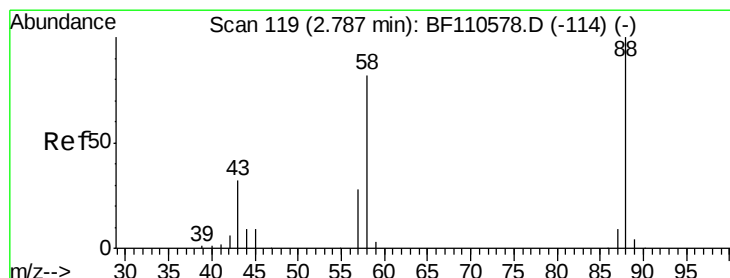
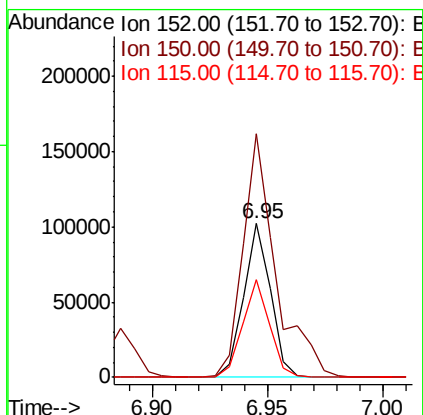
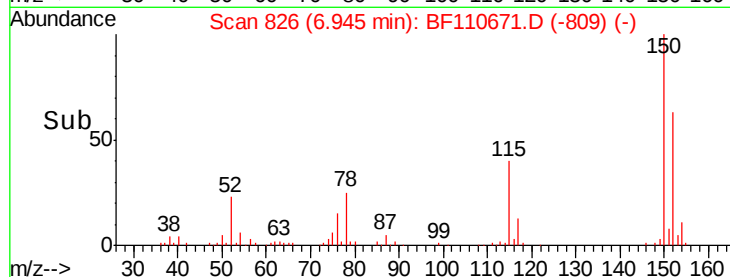
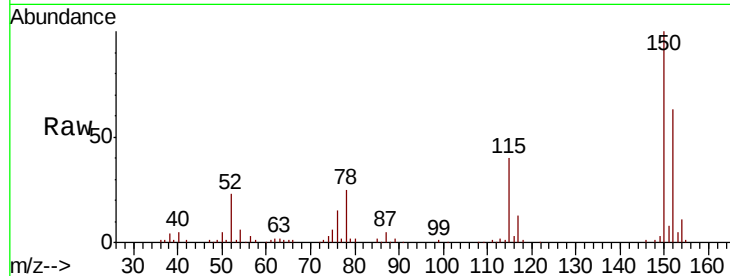


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Instrument :
BNA_F
ClientSampleId :

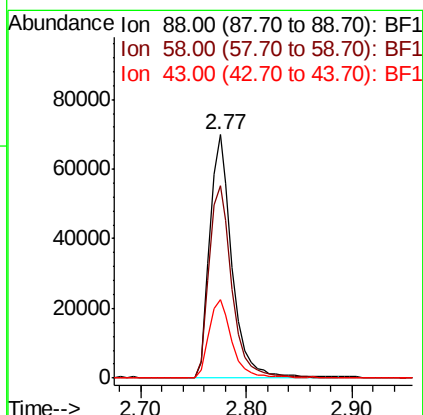
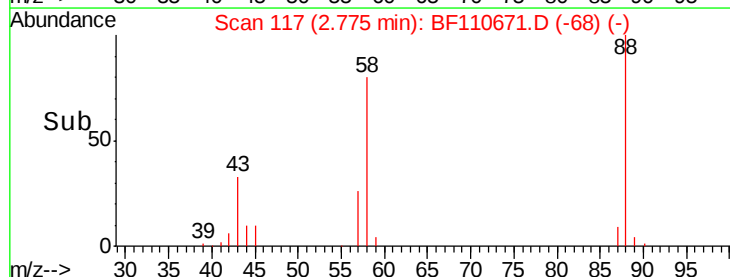
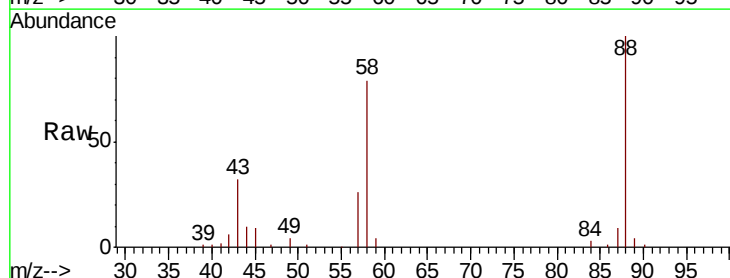
Tot Ion:152 Resp: 83191
Ion Ratio Lower Upper
152 100
150 158.4 122.7 184.1
115 63.6 49.1 73.7

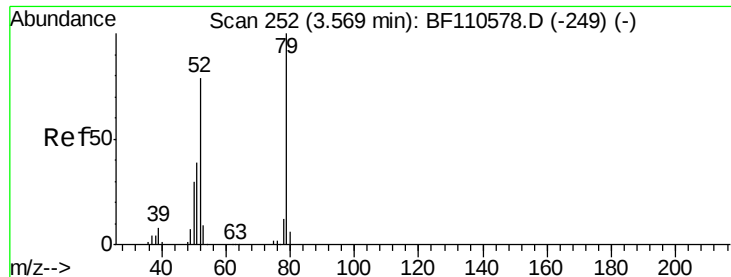


#2

1,4-Dioxane
Concen: 40.830 ng
RT: 2.77 min Scan# 117
Delta R.T. -0.01 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion: 88 Resp: 104192
Ion Ratio Lower Upper
88 100
58 80.9 57.1 85.7
43 33.0 24.1 36.1





#3

Pvridine

Concen: 41.489 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

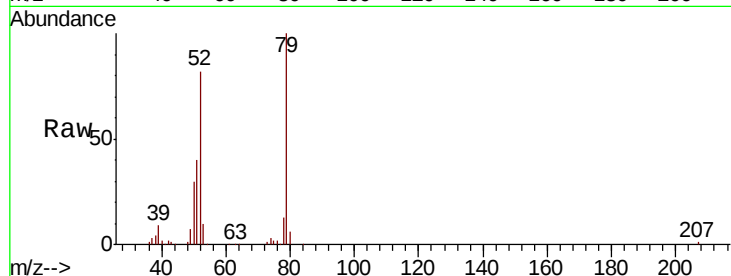
Tot Ion: 79 Resp: 228530

Ion Ratio Lower Upper

79 100

52 82.1 53.1 79.7#

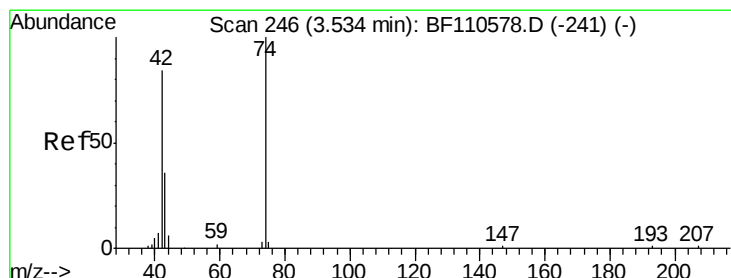
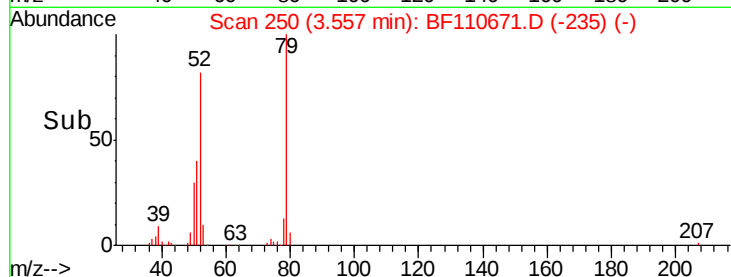
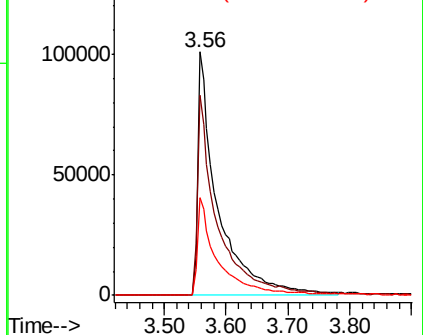
51 40.3 27.4 41.2



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: 43.113 ng

RT: 3.53 min Scan# 245

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

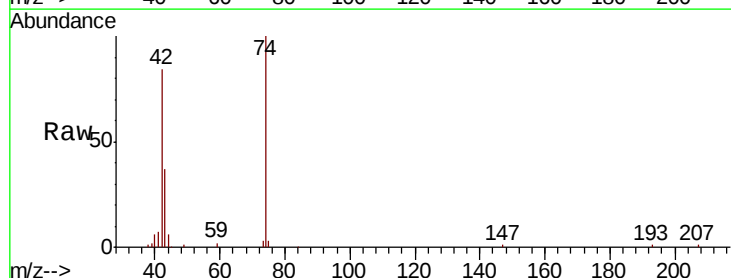
Tgt Ion: 42 Resp: 101895

Ion Ratio Lower Upper

42 100

74 119.5 105.5 158.3

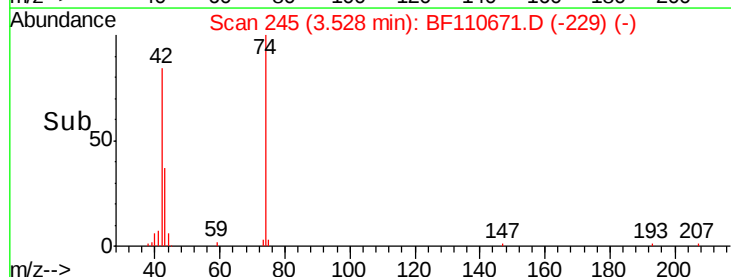
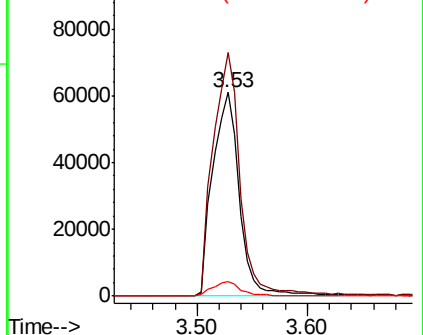
44 7.0 4.9 7.3

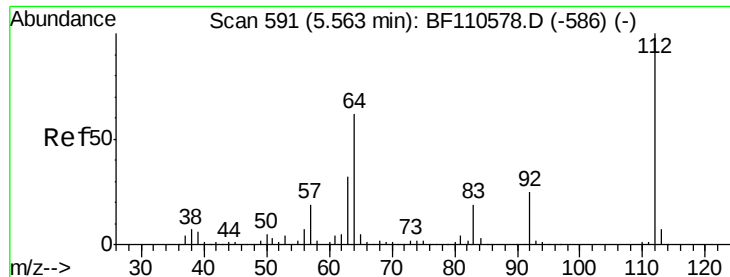


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.625 ng

RT: 5.56 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

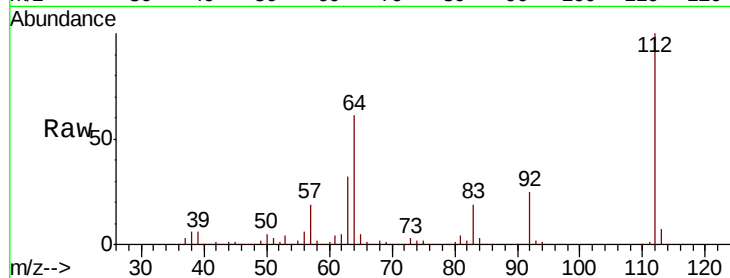
Tot Ion:112 Resp: 423174

Ion Ratio Lower Upper

112 100

64 61.2 44.1 66.1

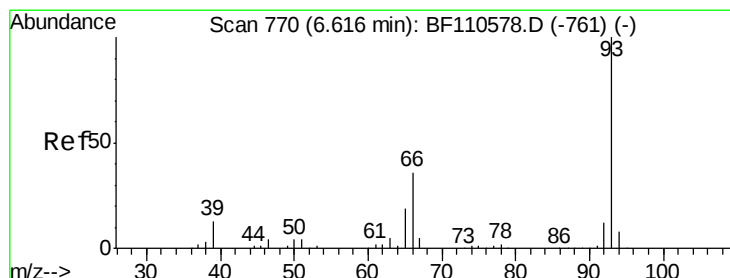
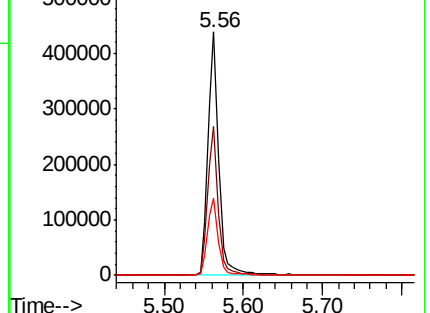
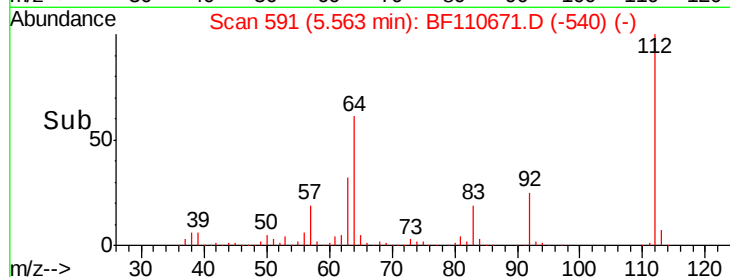
63 31.8 23.7 35.5



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: 40.882 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

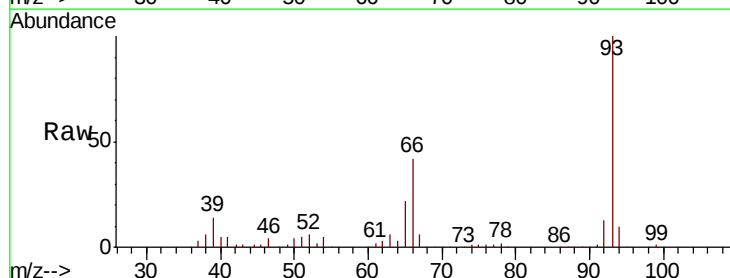
Tgt Ion: 93 Resp: 349171

Ion Ratio Lower Upper

93 100

66 42.1 67.4 101.0#

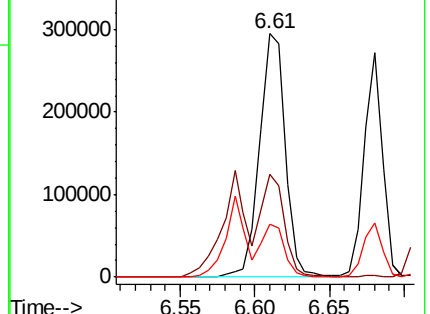
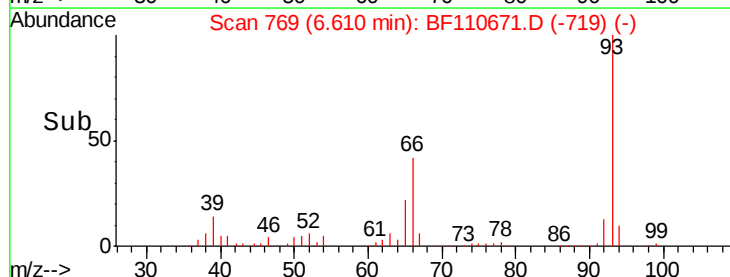
65 21.9 41.0 61.4#

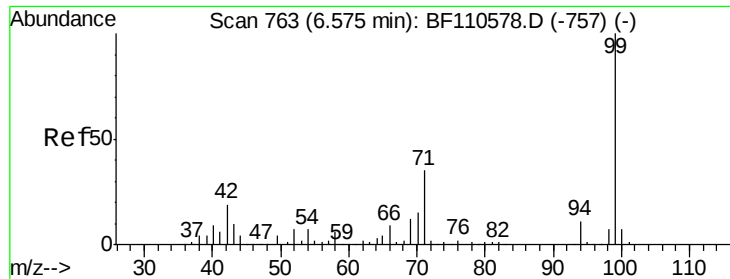


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.589 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

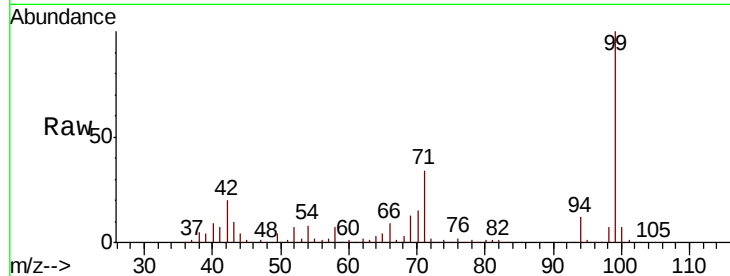
Tot Ion: 99 Resp: 540897

Ion Ratio Lower Upper

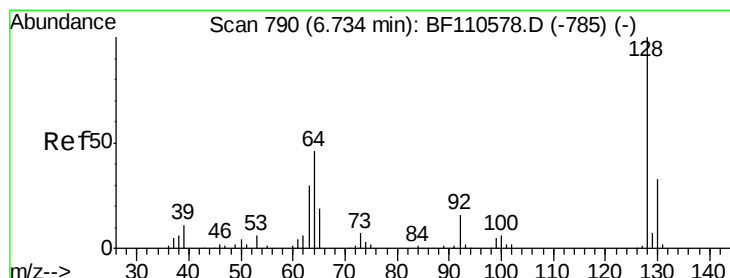
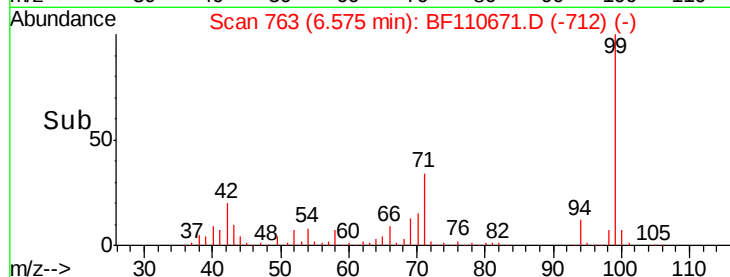
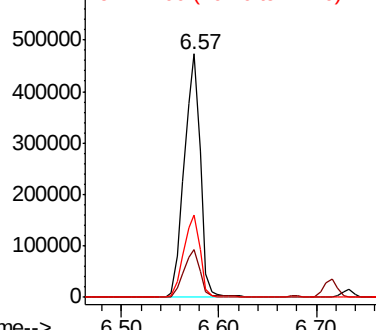
99 100

42 19.8 15.8 23.6

71 34.1 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: 41.016 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

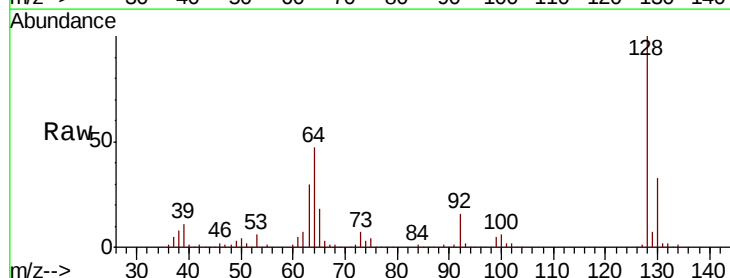
Tgt Ion: 128 Resp: 246257

Ion Ratio Lower Upper

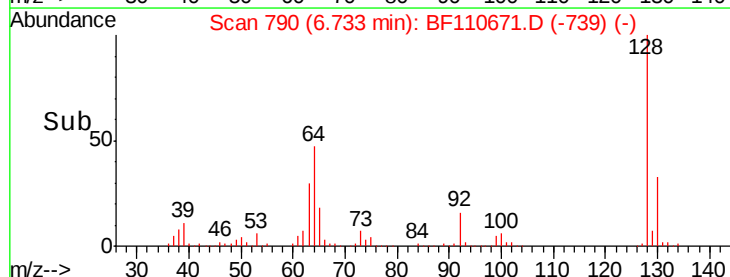
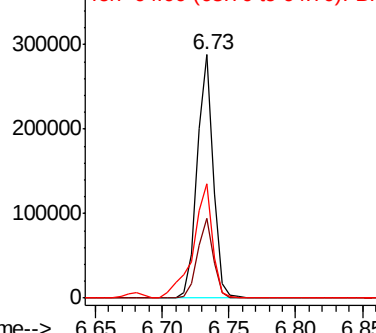
128 100

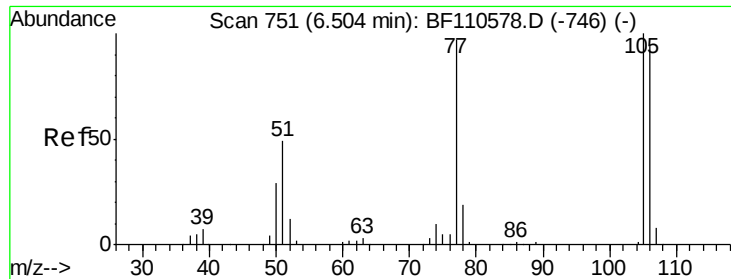
130 32.6 13.1 53.1

64 47.0 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: 44.235 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampled :

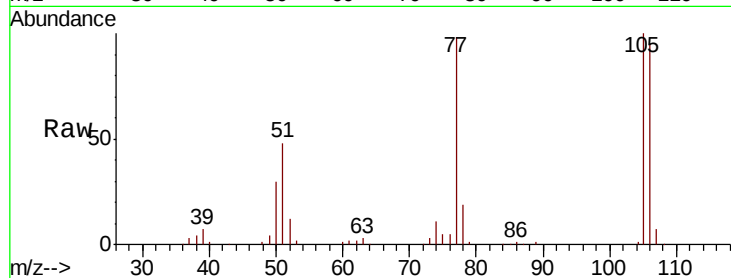
Tot Ion: 77 Resp: 151354

Ion Ratio Lower Upper

77 100

105 102.1 78.6 118.6

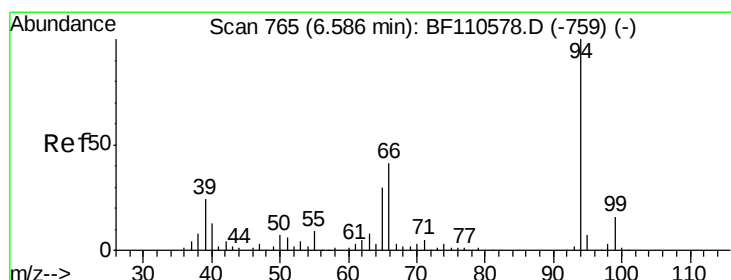
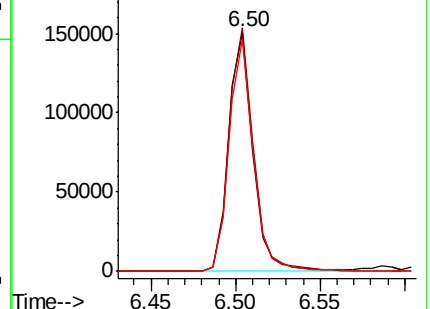
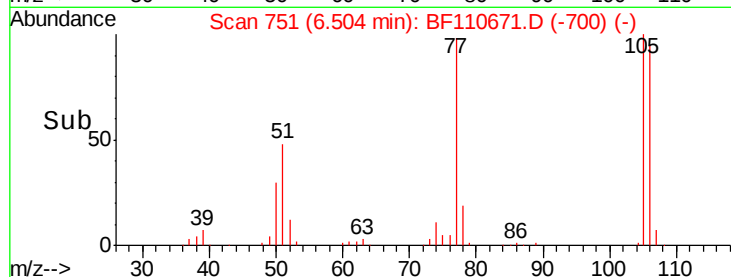
106 97.4 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.607 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

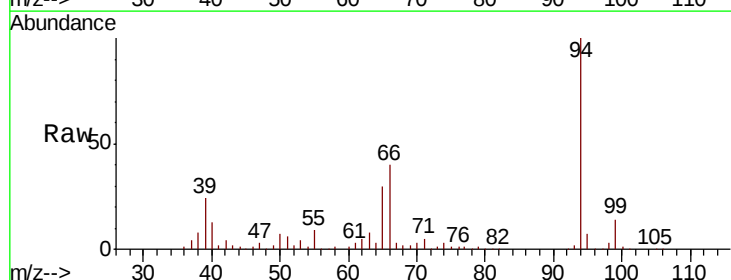
Tgt Ion: 94 Resp: 315969

Ion Ratio Lower Upper

94 100

65 30.2 25.3 65.3

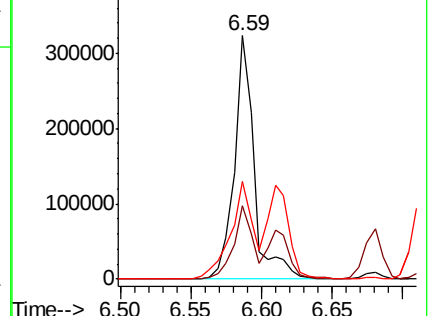
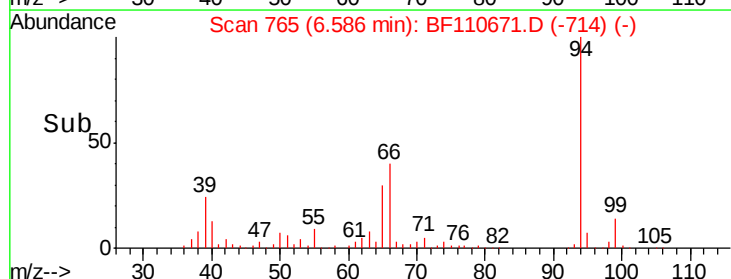
66 39.9 54.5 94.5#



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: 40.853 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

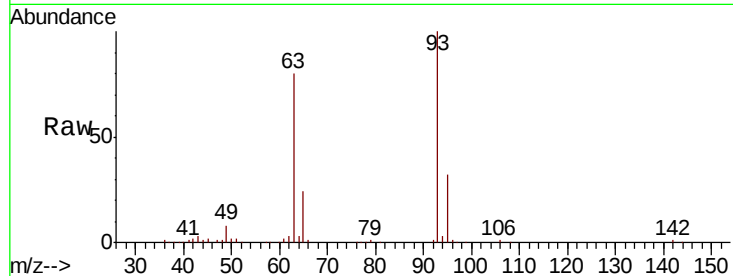
Tot Ion: 93 Resp: 232504

Ion Ratio Lower Upper

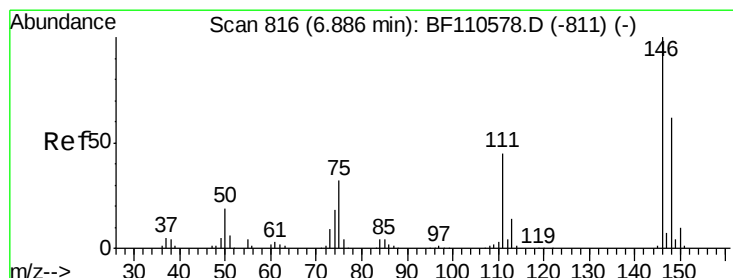
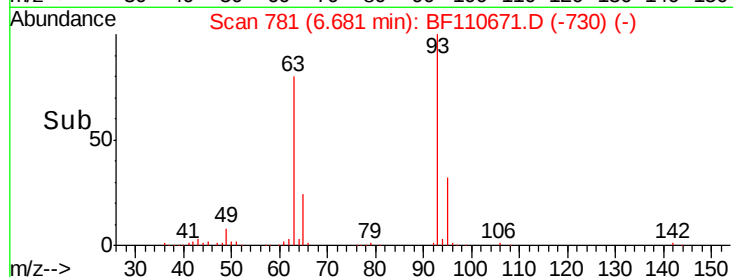
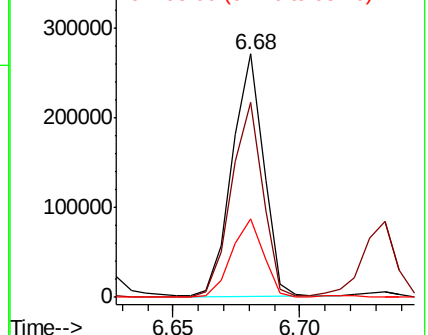
93 100

63 79.9 53.4 93.4

95 32.2 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.780 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

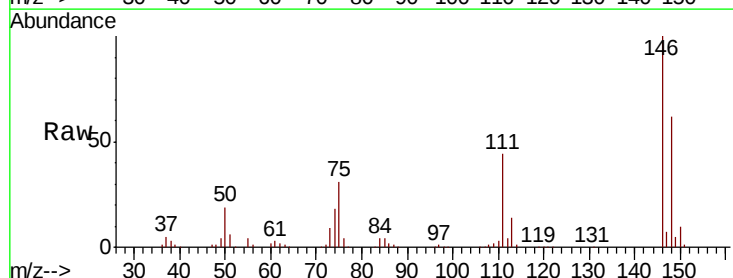
Tgt Ion: 146 Resp: 267893

Ion Ratio Lower Upper

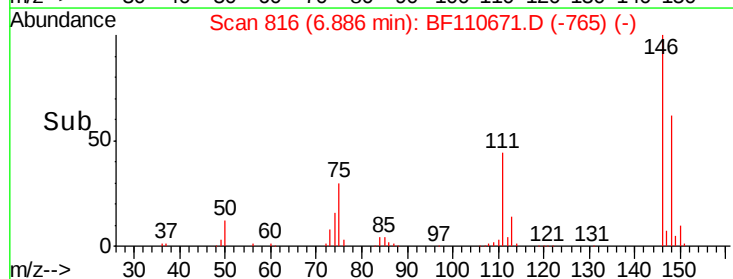
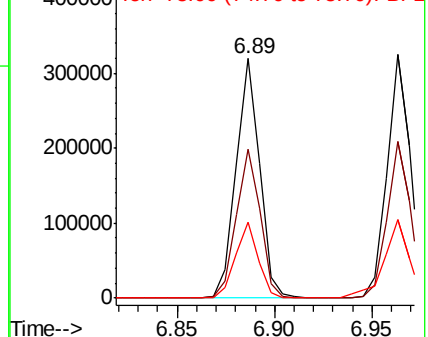
146 100

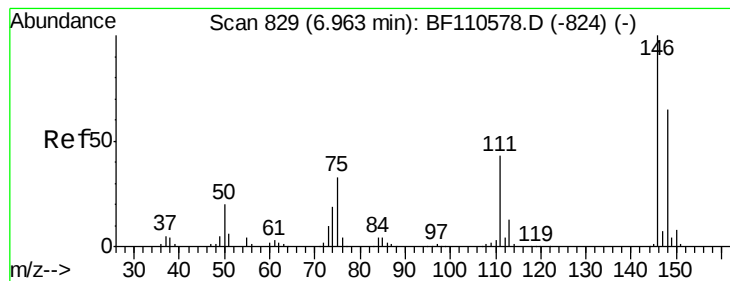
148 62.3 50.4 75.6

75 31.4 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.794 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

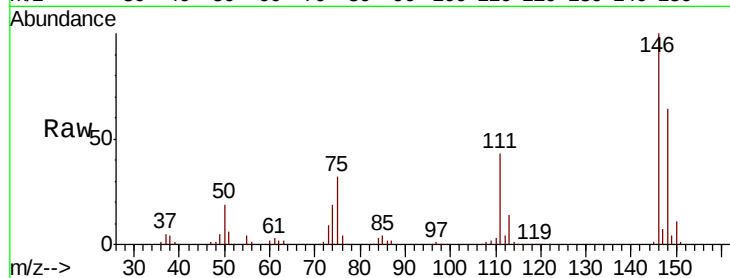
Tot Ion:146 Resp: 272132

Ion Ratio Lower Upper

146 100

148 64.4 50.3 75.5

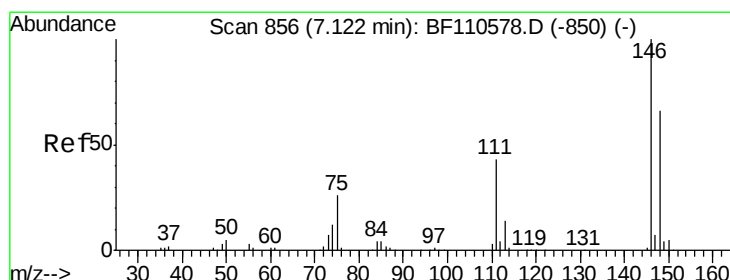
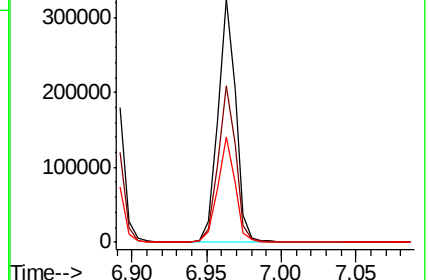
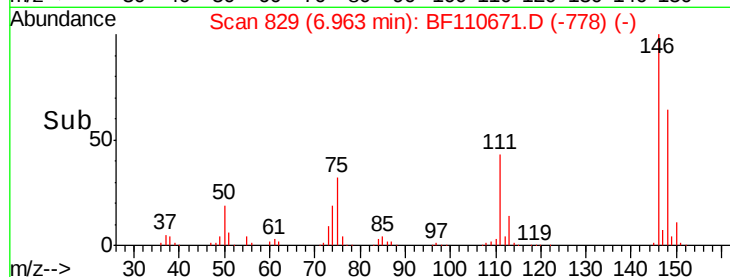
111 43.4 32.7 49.1



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: 40.795 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

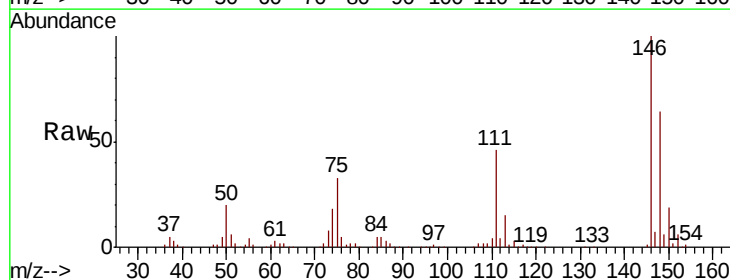
Tgt Ion:146 Resp: 253160

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

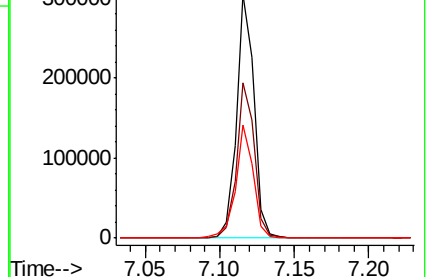
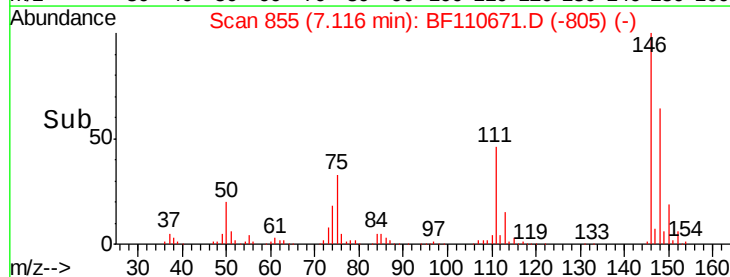
111 46.4 35.8 53.6

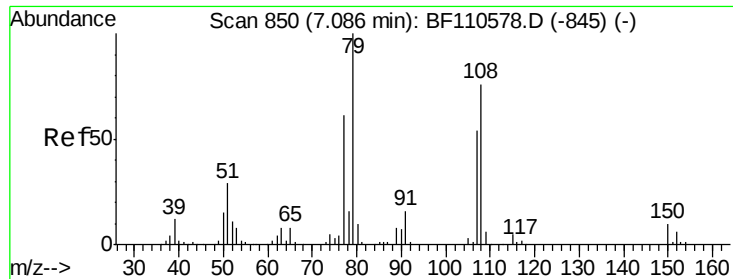


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.915 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

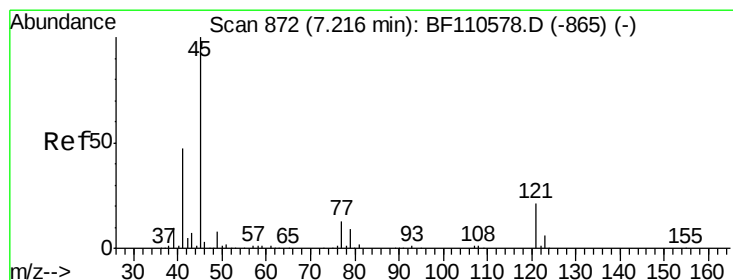
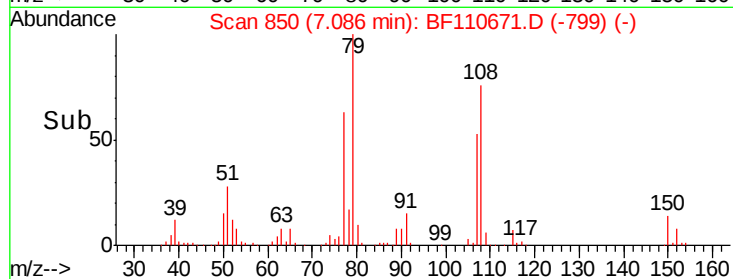
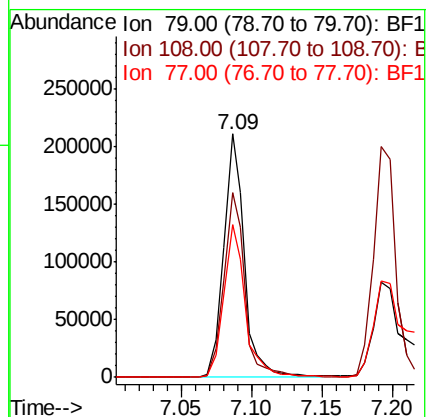
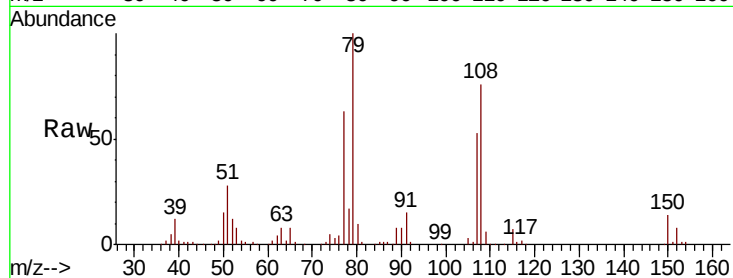
Tot Ion: 79 Resp: 214824

Ion Ratio Lower Upper

79 100

108 75.8 56.3 84.5

77 62.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.186 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

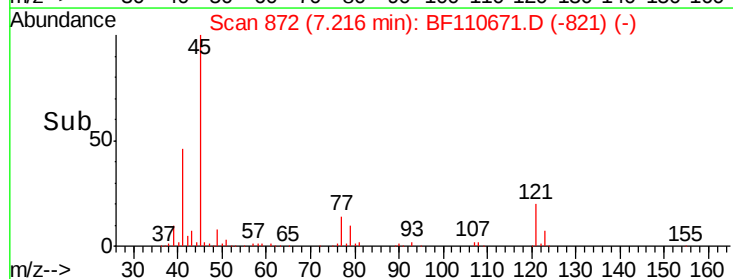
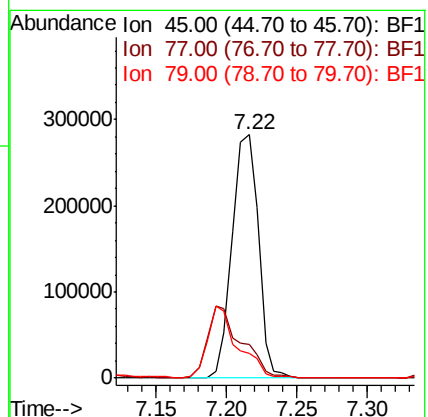
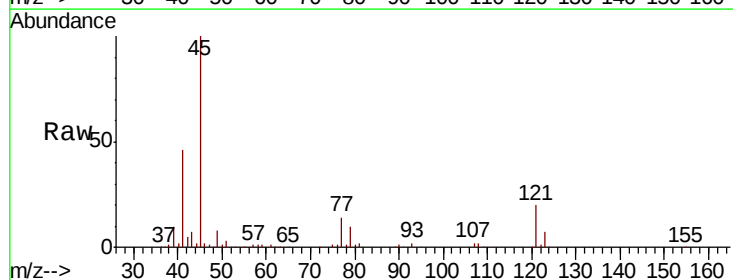
Tgt Ion: 45 Resp: 368107

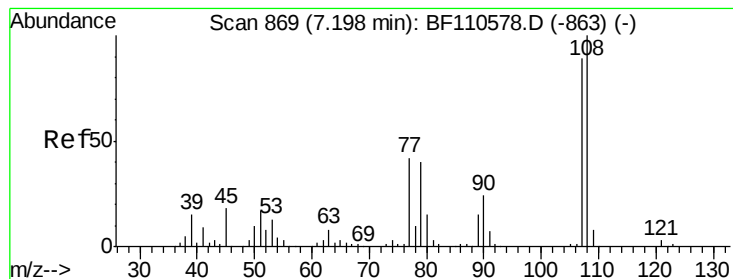
Ion Ratio Lower Upper

45 100

77 14.0 10.0 50.0

79 10.2 6.1 46.1

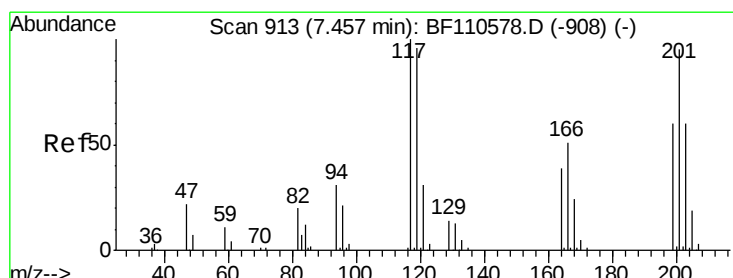
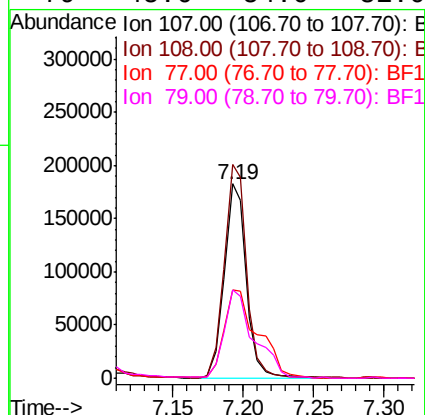
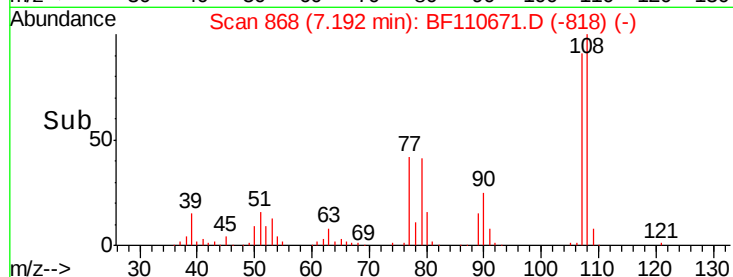
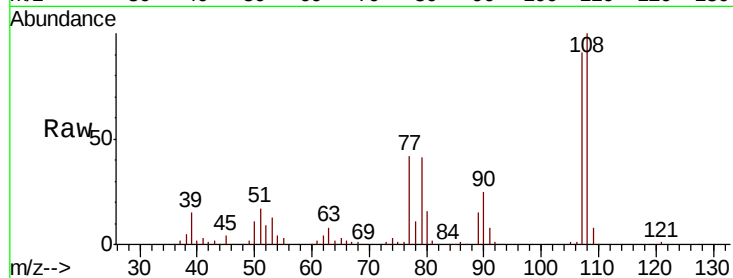




#17
2-Methylphenol
Concen: 41.062 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

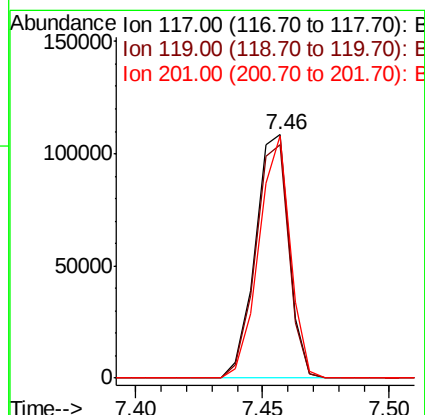
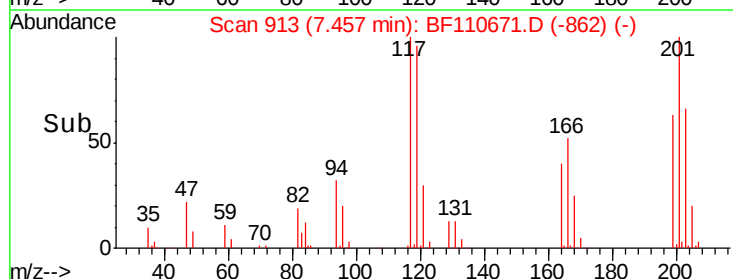
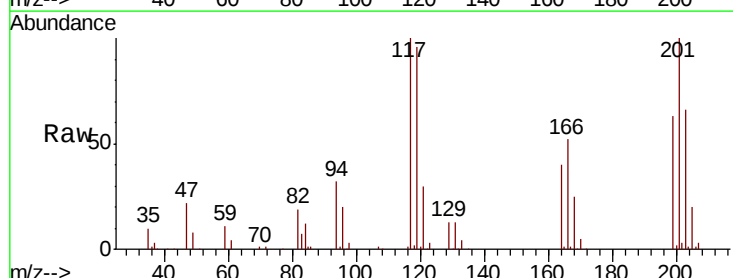
Instrument :
BNA_F
ClientSampleId :

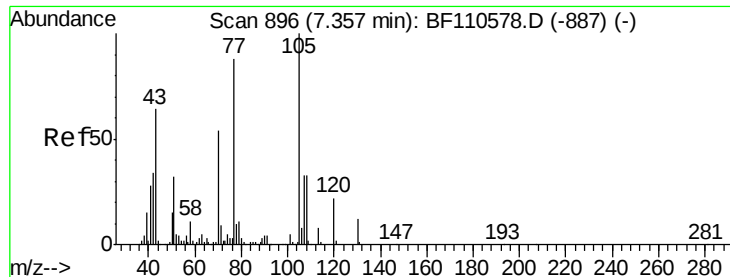
Tot Ion:	107	Resp:	196210
Ion	Ratio	Lower	Upper
107	100		
108	110.1	92.6	138.8
77	45.9	59.4	89.2#
79	45.6	54.0	81.0#



#18
Hexachloroethane
Concen: 41.121 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:	117	Resp:	101271
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.6
201	99.8	79.2	118.8

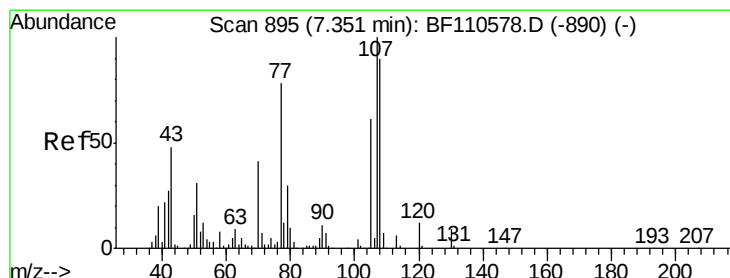
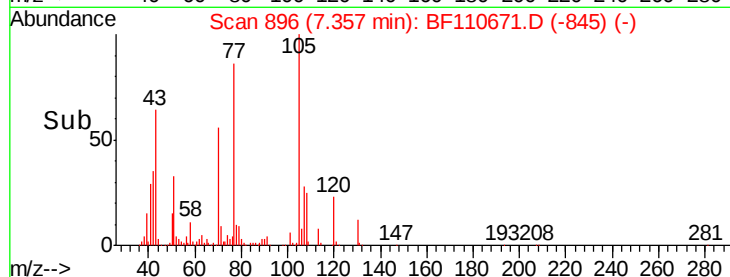
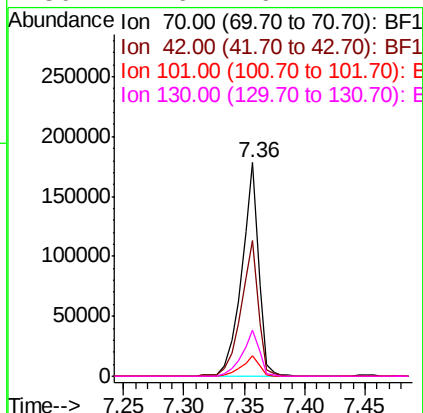
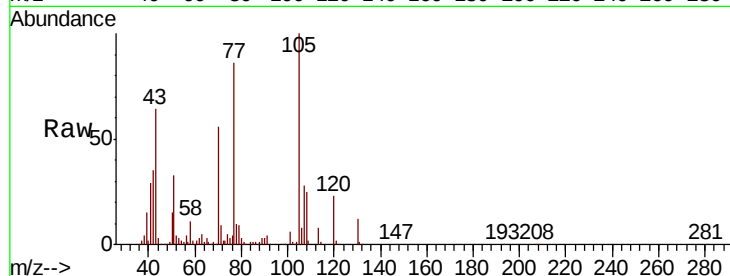




#19
n-Nitroso-di-n-propylamine
Concen: 41.809 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

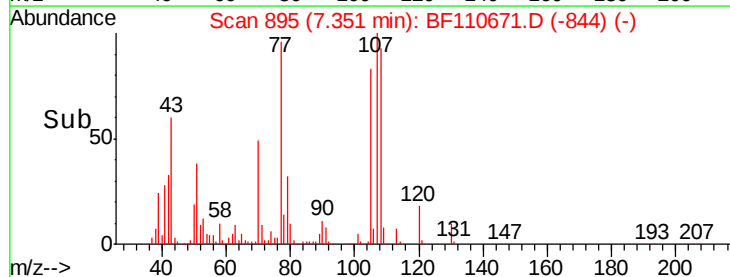
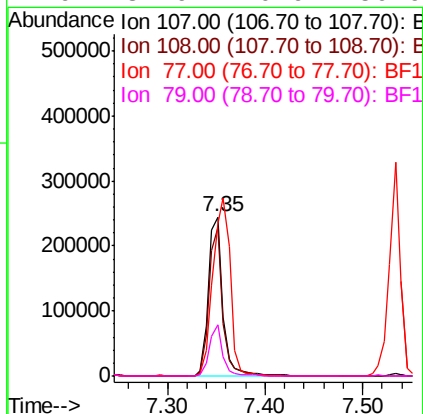
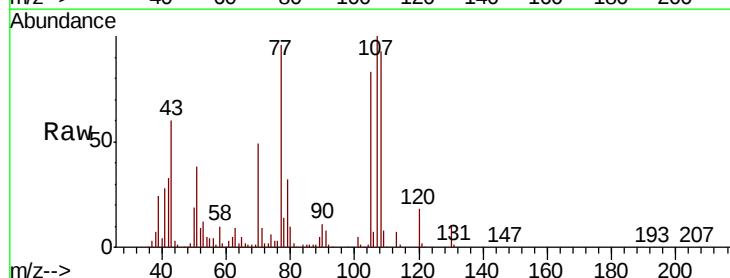
Instrument :
BNA_F
ClientSampleId :

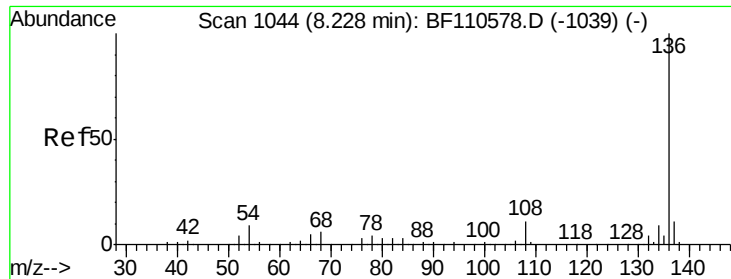
Tot Ion: 70 Resp: 174787
Ion Ratio Lower Upper
70 100
42 63.5 47.4 71.2
101 9.9 7.3 10.9
130 21.6 16.2 24.2



#20
3+4-Methylphenols
Concen: 41.283 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:107 Resp: 253228
Ion Ratio Lower Upper
107 100
108 93.2 71.4 111.4
77 95.5 47.3 87.3#
79 31.9 10.9 50.9

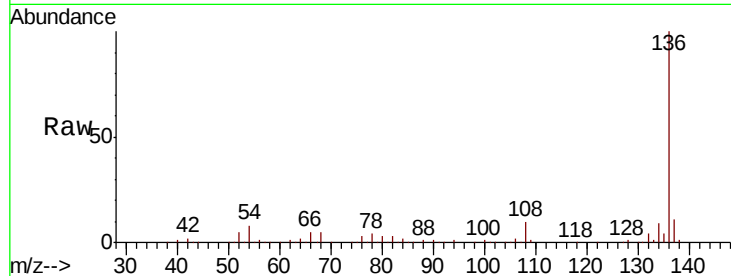




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	363726
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	5.4	8.2#
68	5.2	4.2	6.2



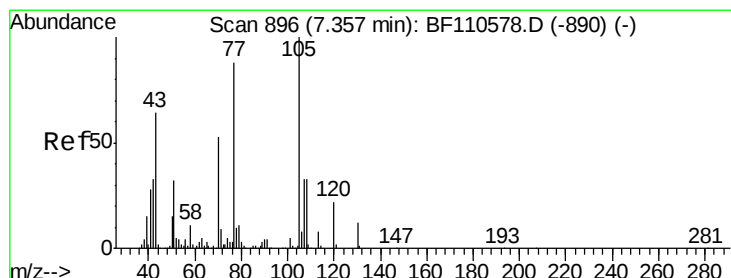
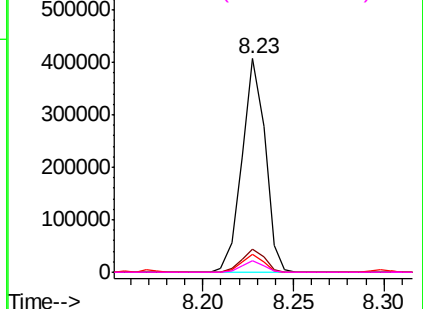
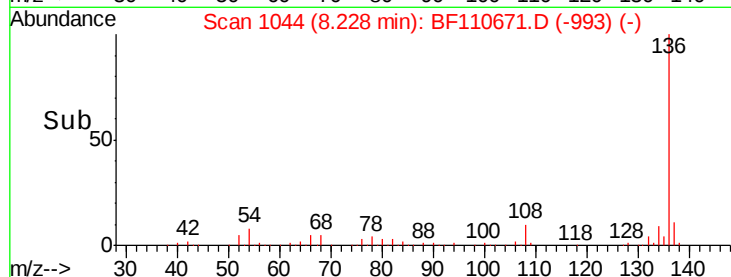
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

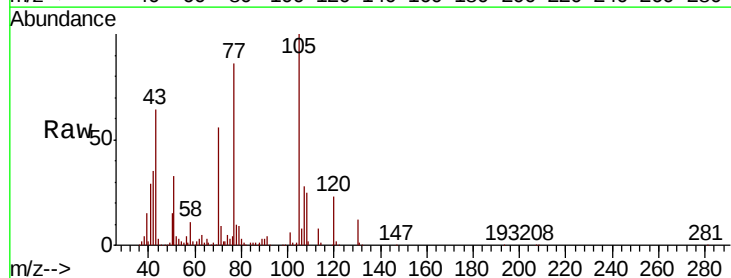
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.256 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:	105	Resp:	341249
Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.2	7.8#
51	33.3	21.8	32.8#
120	22.5	17.0	25.4



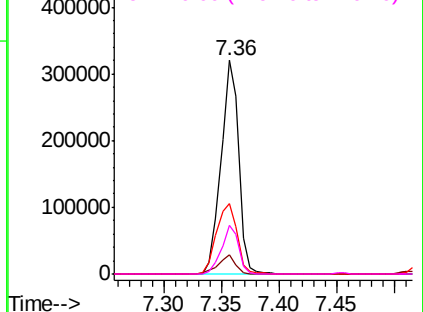
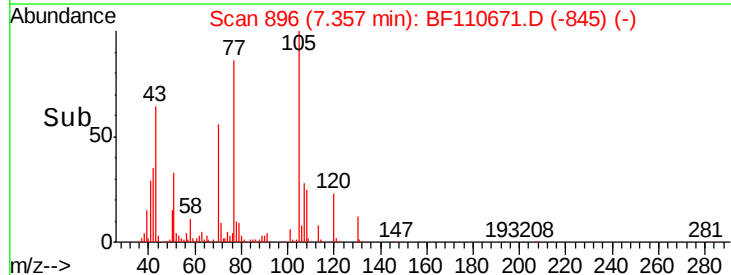
Abundance

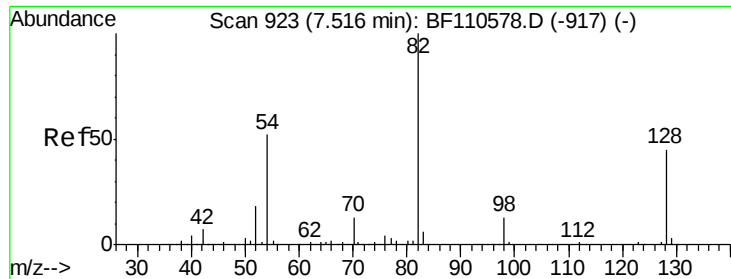
Ion 105.00 (104.70 to 105.70): E

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

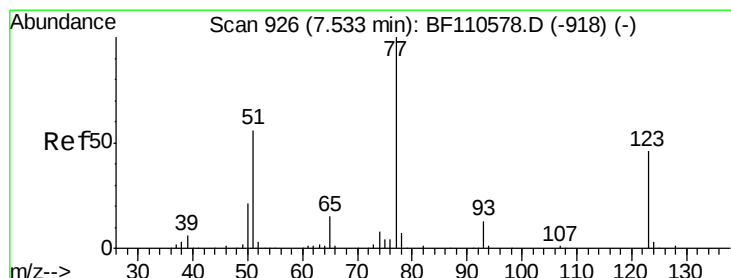
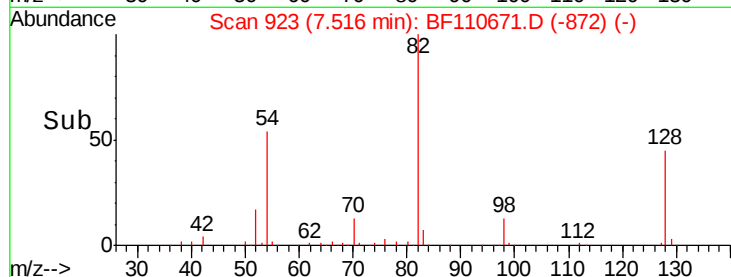
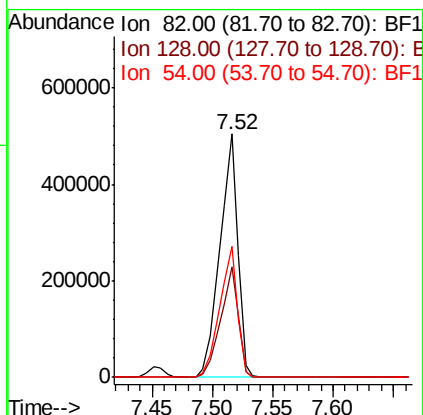
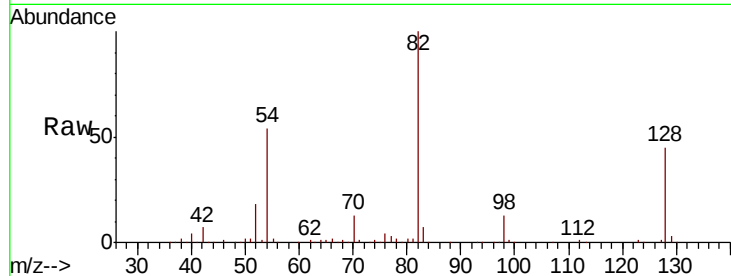




#23
Nitrobenzene-d5
Concen: 81.553 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

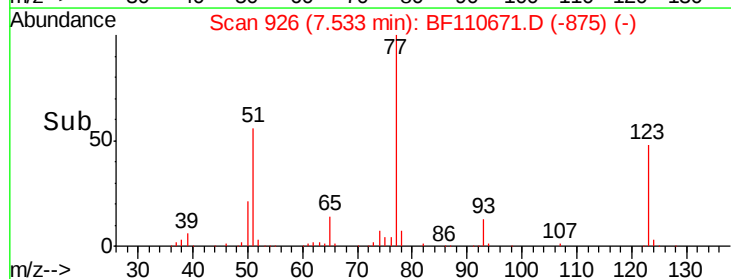
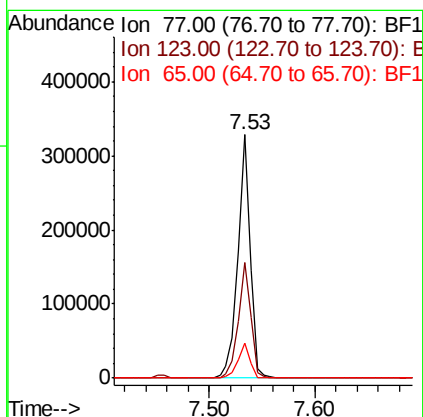
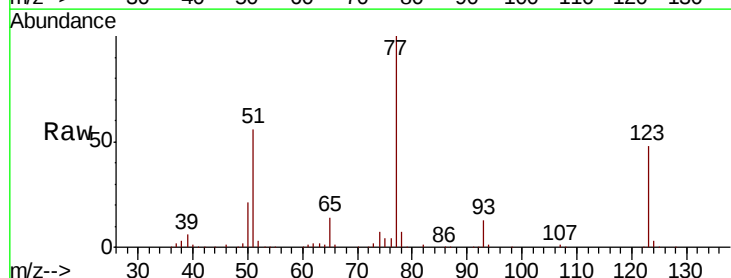
Instrument :
BNA_F
ClientSampleId :

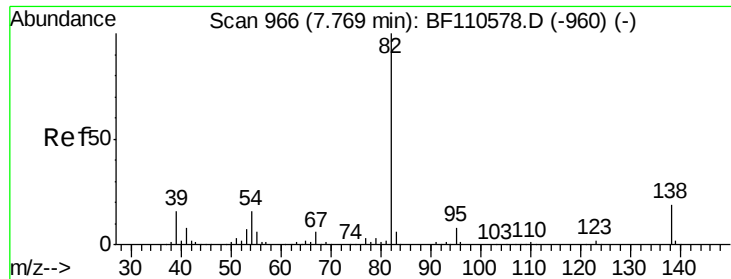
Tot Ion	82	Resp	515076
Ion Ratio	100		
Lower	34.2		
Upper	51.2		
54	53.7		58.0



#24
Nitrobenzene
Concen: 40.710 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion	77	Resp	263431
Ion Ratio	100		
Lower	35.7		
Upper	53.5		
123	47.7		16.1
65	14.2		16.1





#25

Isophorone

Concen: 40.125 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampled :

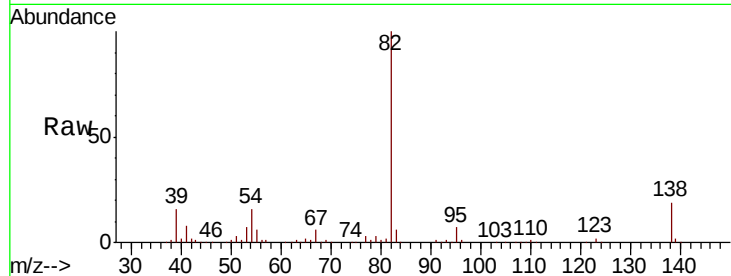
Tot Ion: 82 Resp: 415366

Ion Ratio Lower Upper

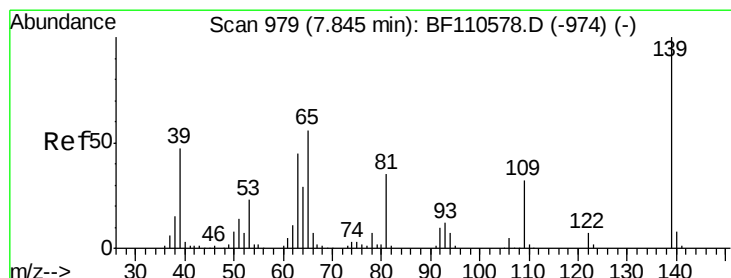
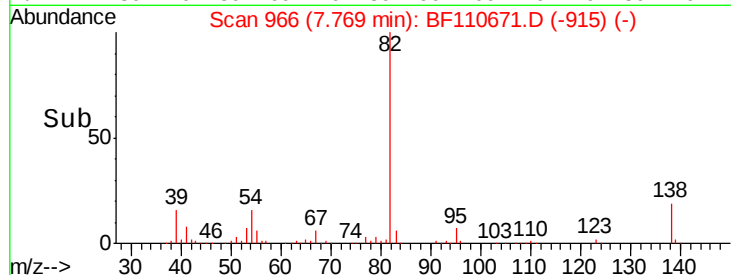
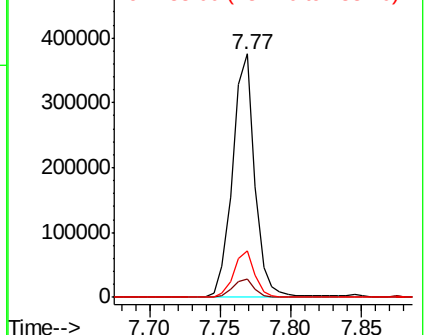
82 100

95 7.3 5.7 8.5

138 18.9 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.205 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

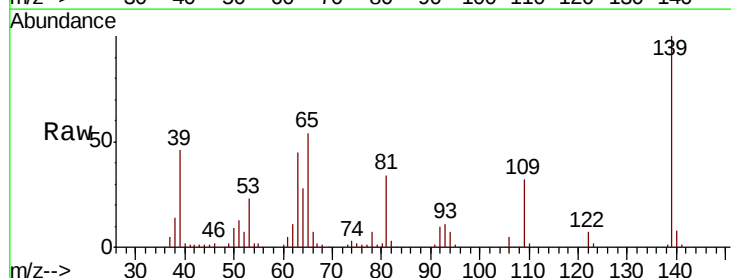
Tgt Ion: 139 Resp: 133020

Ion Ratio Lower Upper

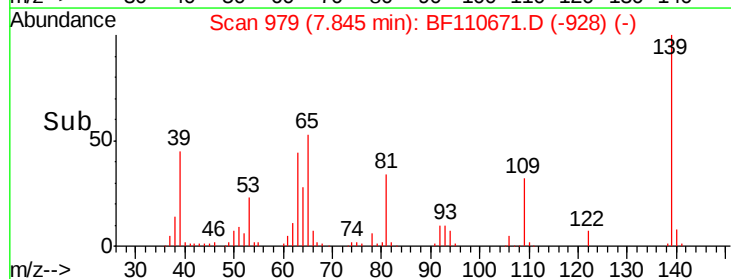
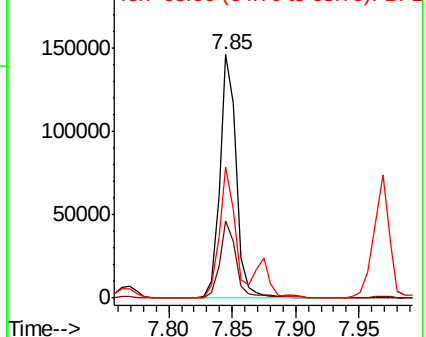
139 100

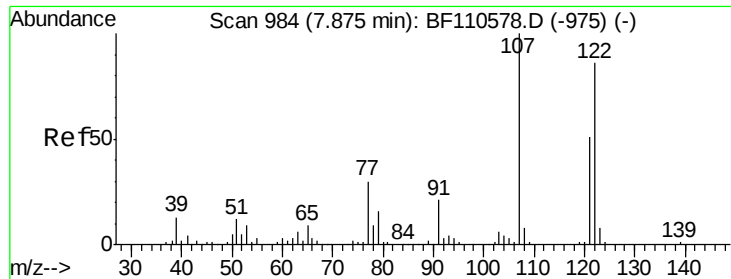
109 31.5 25.0 37.6

65 53.7 44.0 66.0



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

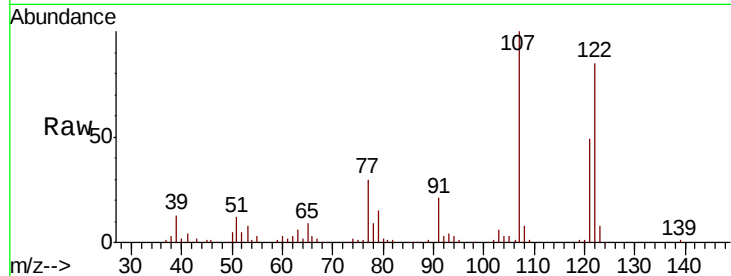




#27
2,4-Dimethylphenol
Concen: 40.662 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	92.5	138.7
121	57.8	45.8	68.8

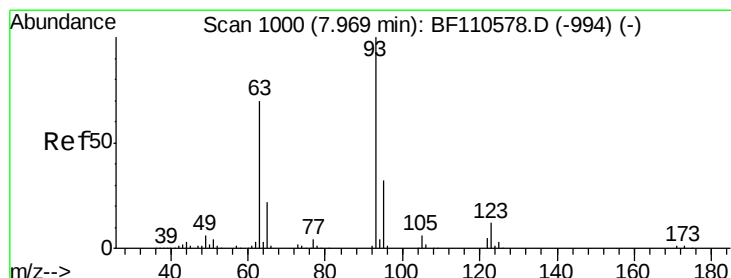
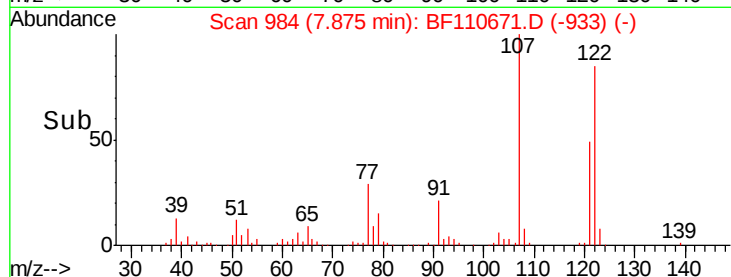
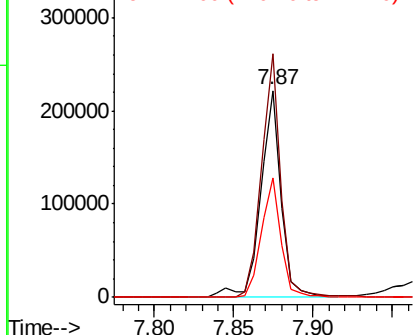


Abundance

Ion 122.00 (121.70 to 122.70): E

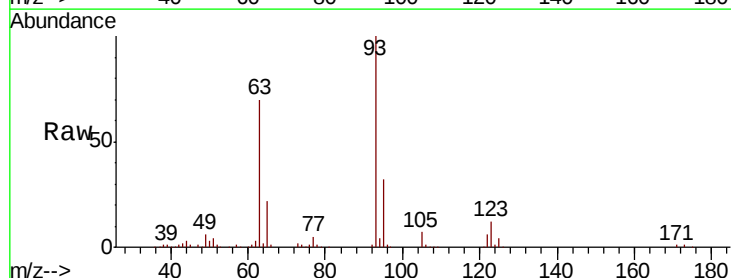
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.130 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.4	39.6
123	12.1	9.0	13.6

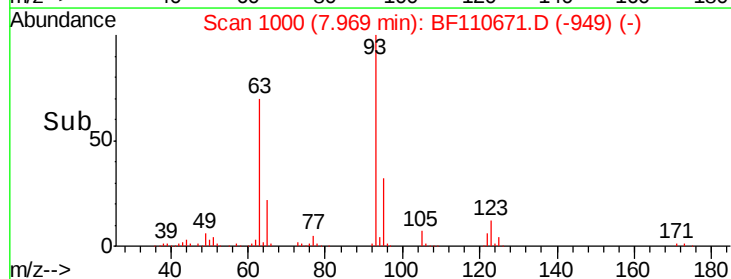
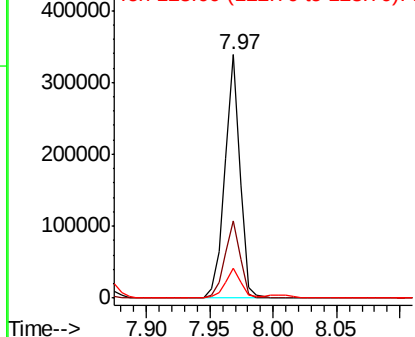


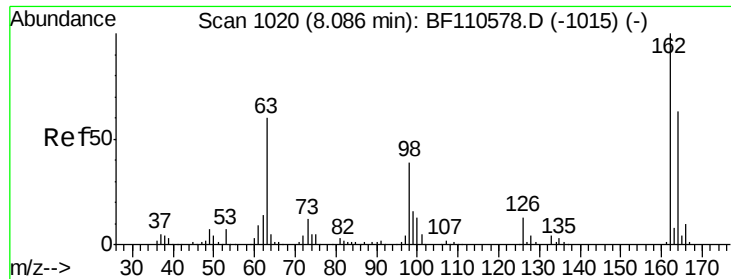
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

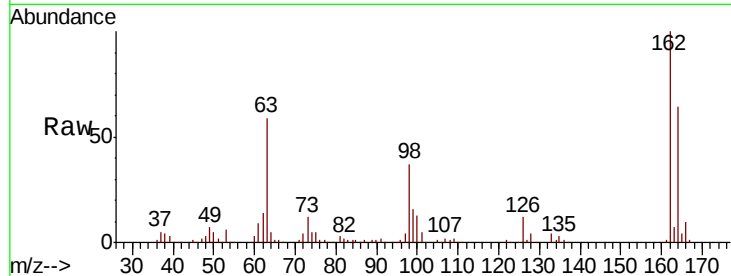




#29
 2,4-Dichlorophenol
 Concen: 40.679 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	37.4	17.4	57.4

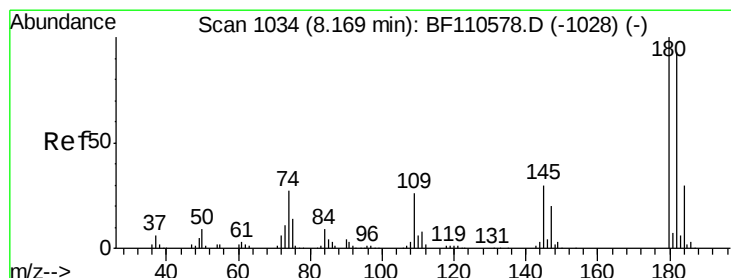
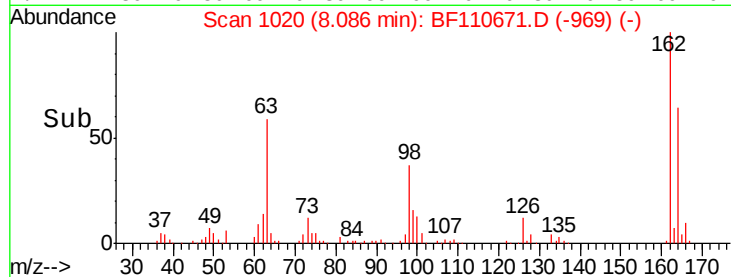
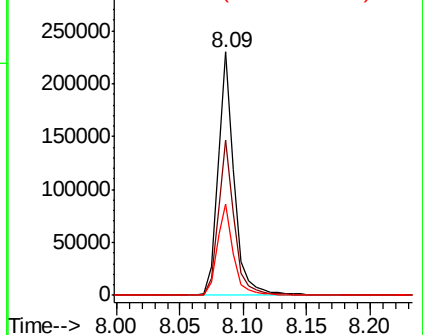


Abundance

Ion 162.00 (161.70 to 162.70): E

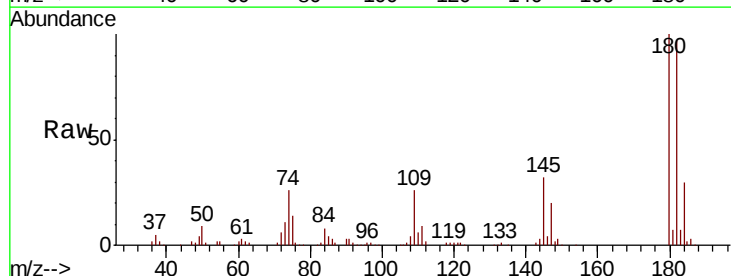
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.541 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	80.3	120.5
145	31.8	25.4	38.0

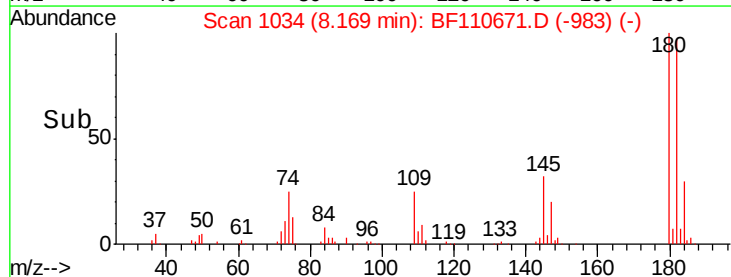
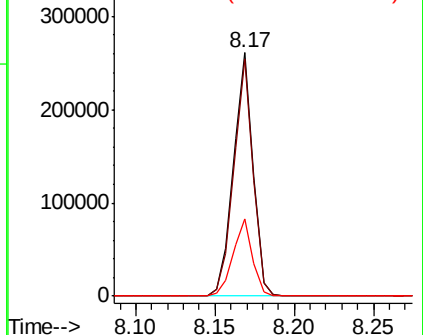


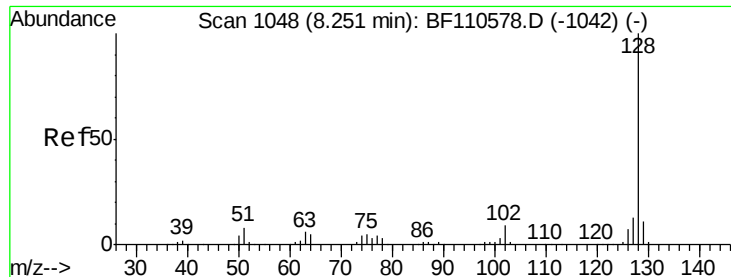
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

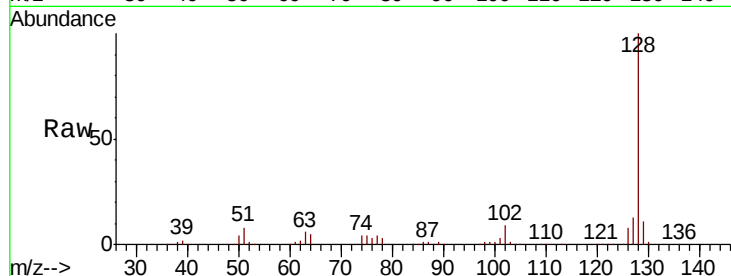




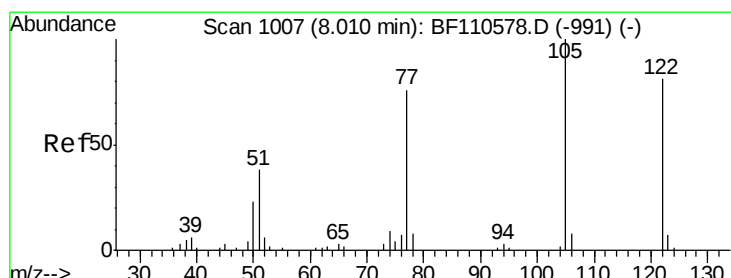
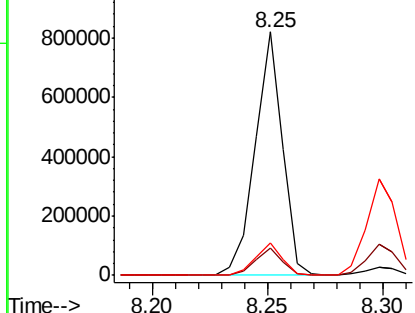
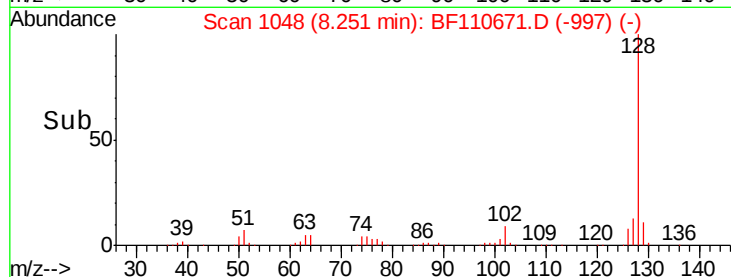
#31
Naphthalene
Concen: 39.817 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 679872
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.8 16.2

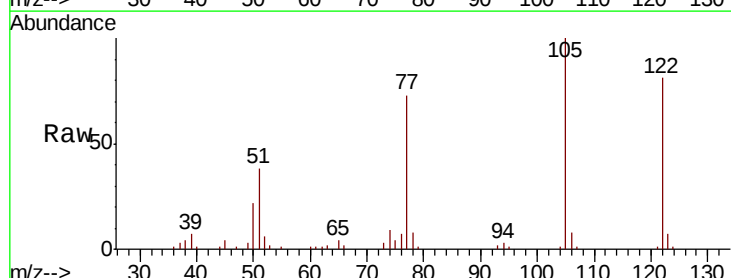


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

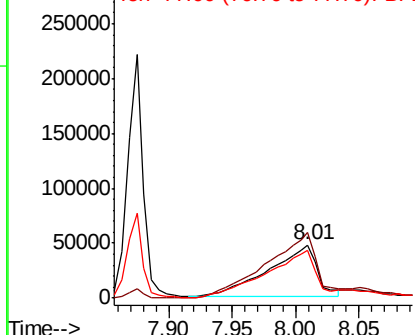
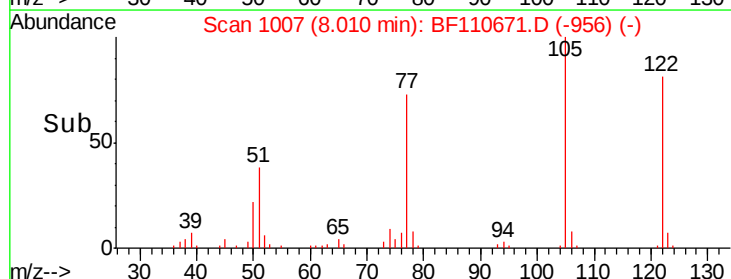


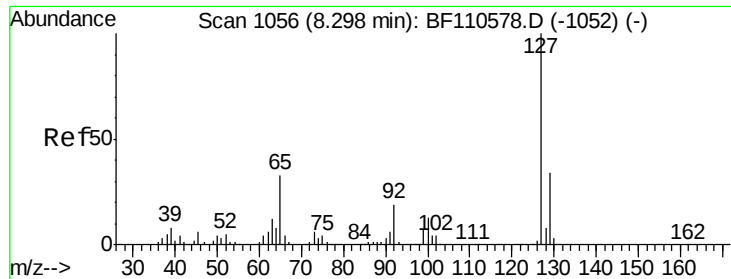
#32
Benzoic acid
Concen: 36.027 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:122 Resp: 125322
Ion Ratio Lower Upper
122 100
105 123.8 109.0 149.0
77 90.8 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

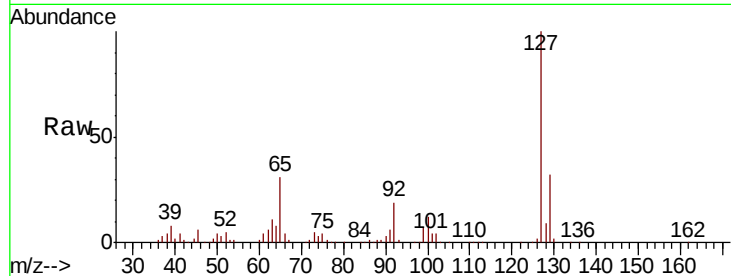




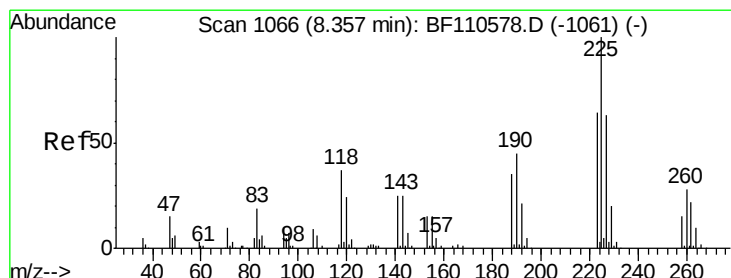
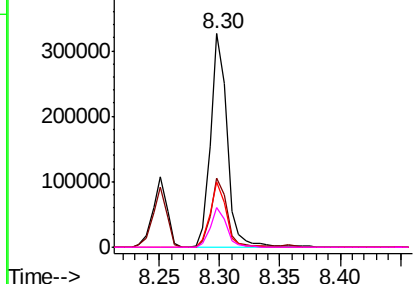
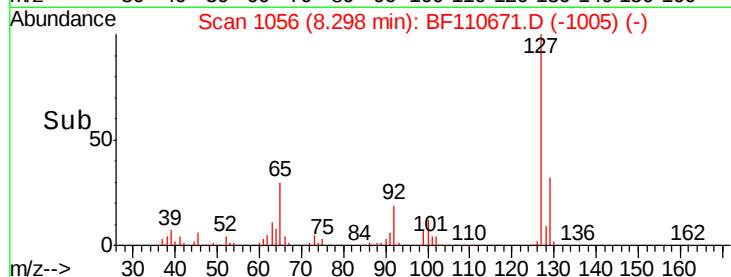
#33
4-Chloroaniline
Concen: 39.877 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	308422
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	30.9	25.1	37.7
92	18.9	15.0	22.6

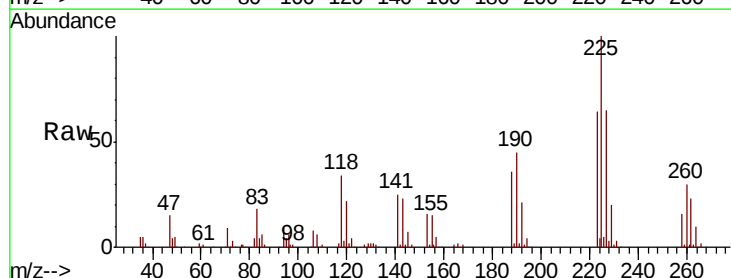


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

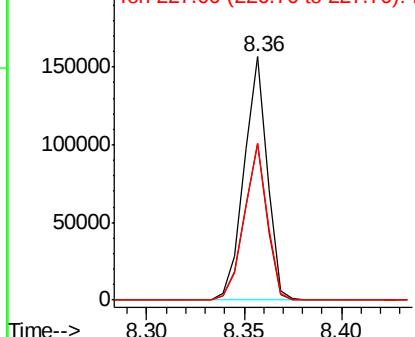
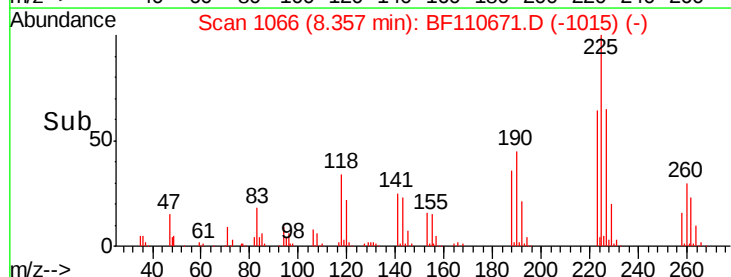


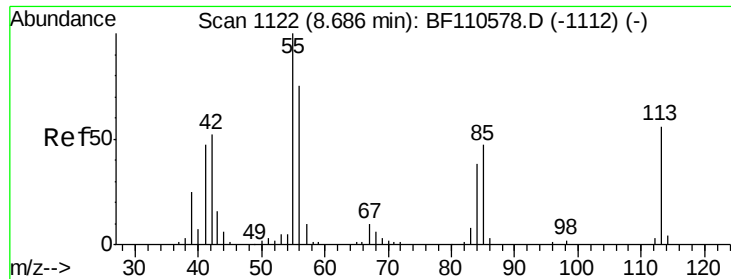
#34
Hexachlorobutadiene
Concen: 39.698 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:	225	Resp:	129330
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.2
227	64.6	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

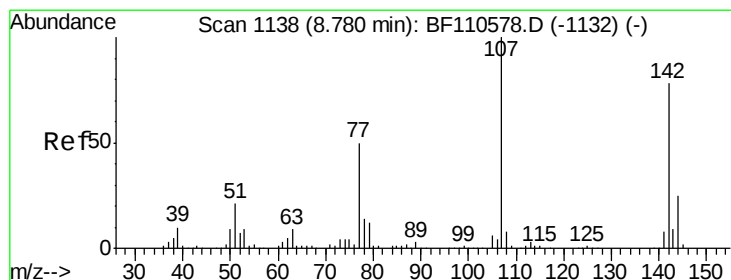
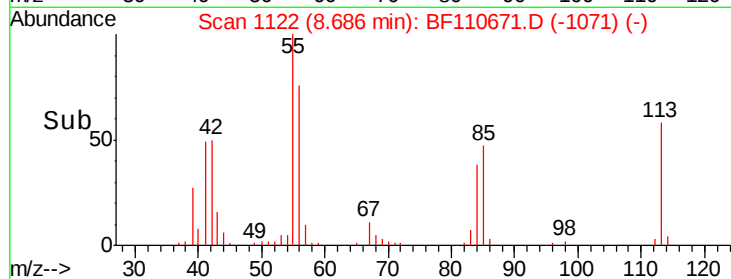
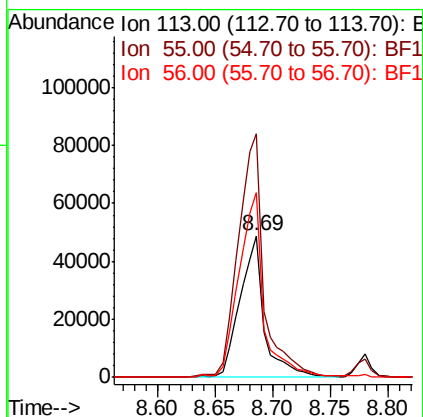
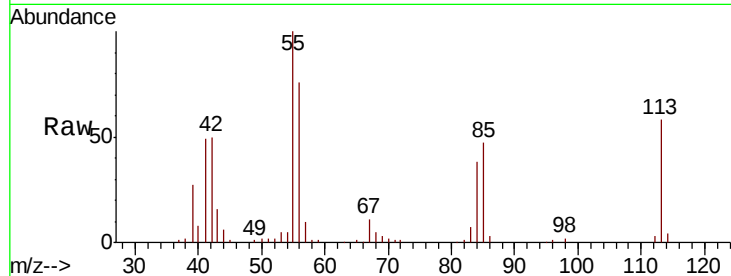




#35
 Caprolactam
 Concen: 42.111 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

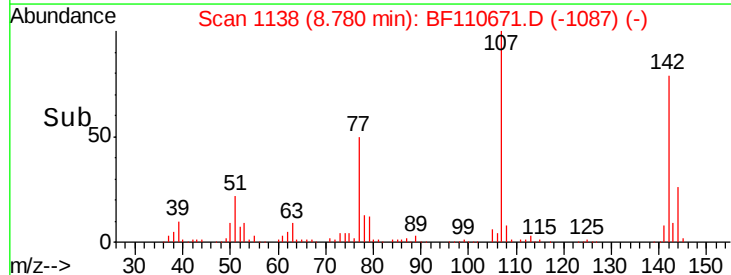
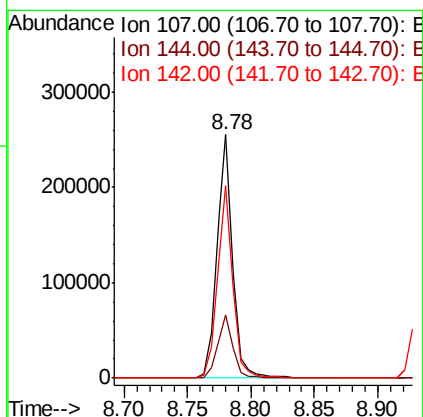
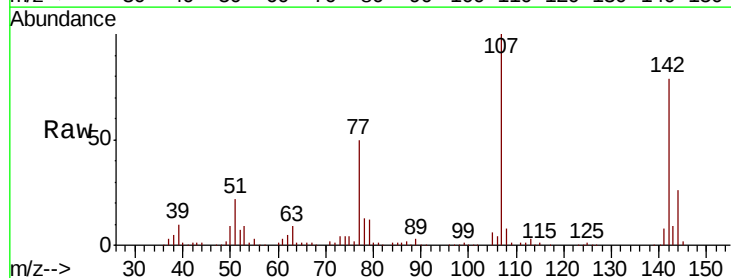
Instrument :
 BNA_F
 ClientSampleId :

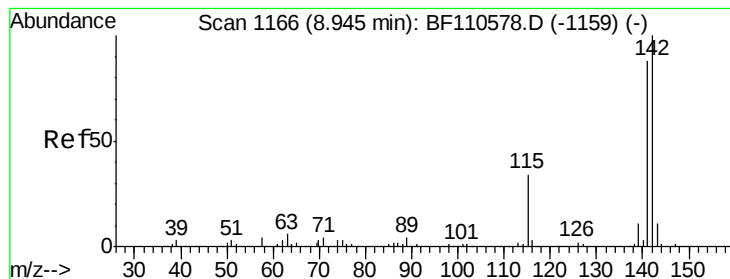
Tot Ion:113 Resp: 71174
 Ion Ratio Lower Upper
 113 100
 55 171.9 142.8 182.8
 56 130.7 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.897 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion:107 Resp: 223130
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.0 30.0
 142 78.9 59.7 89.5





#37

2-Methylnaphthalene

Concen: 40.479 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

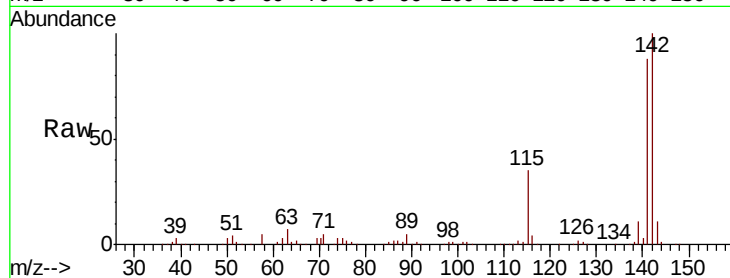
Tot Ion:142 Resp: 453098

Ion Ratio Lower Upper

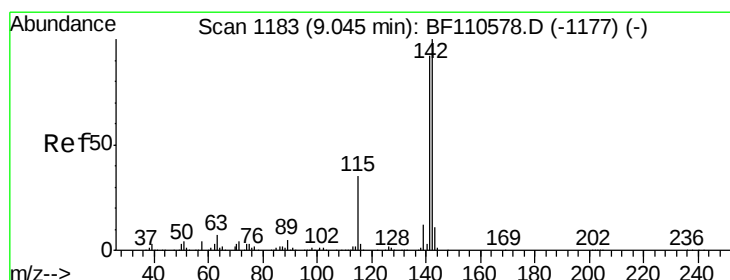
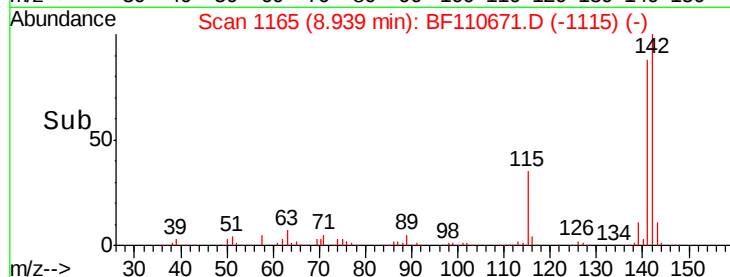
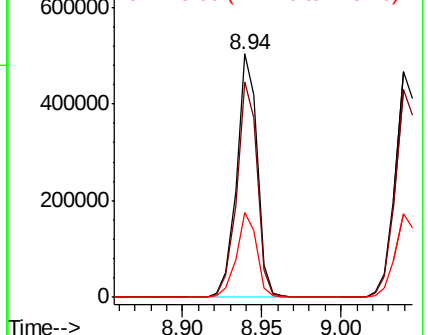
142 100

141 88.2 71.4 107.2

115 34.6 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: 40.165 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

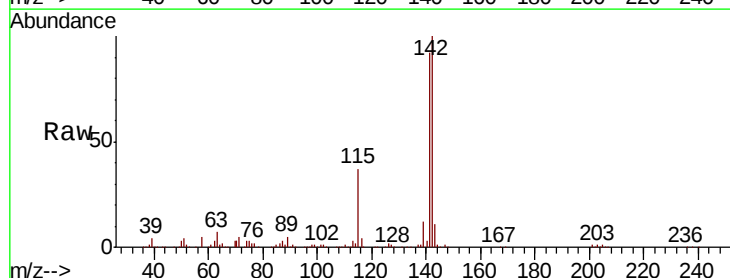
Tgt Ion:142 Resp: 432368

Ion Ratio Lower Upper

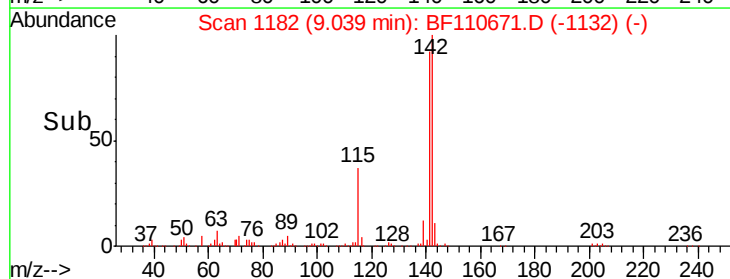
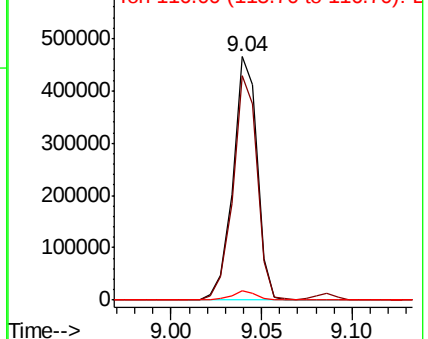
142 100

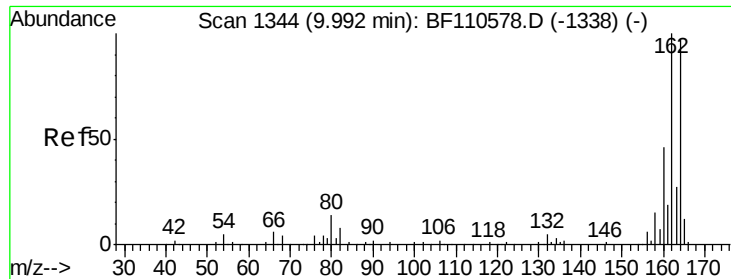
141 92.2 74.2 111.4

116 3.8 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampled :

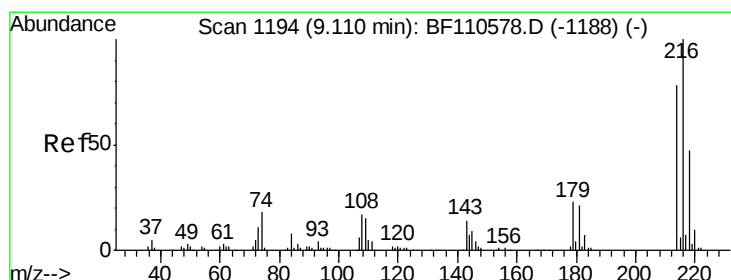
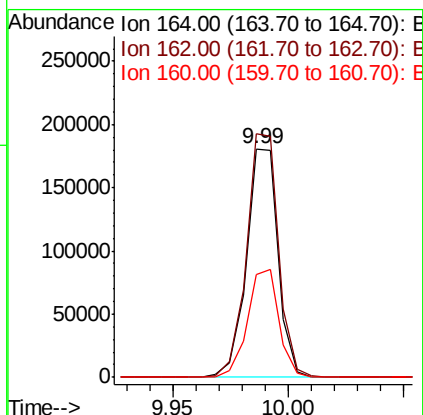
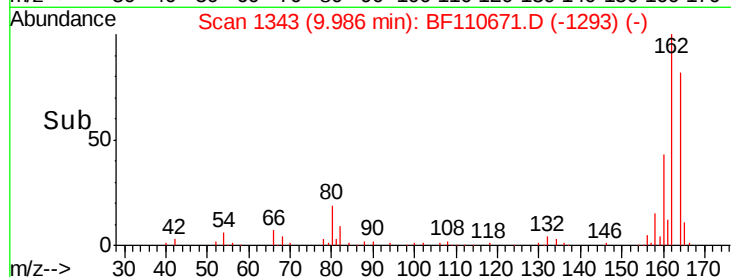
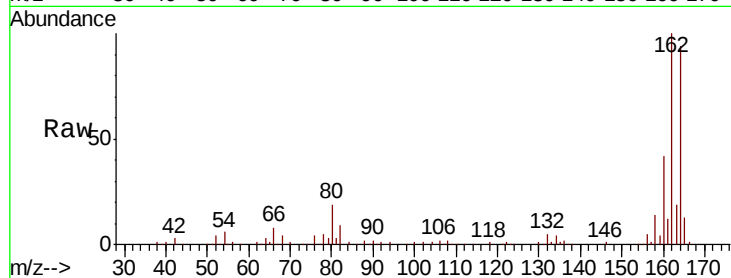
Tot Ion:164 Resp: 172449

Ion Ratio Lower Upper

164 100

162 106.4 83.0 124.6

160 45.2 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.449 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Tgt Ion:216 Resp: 220801

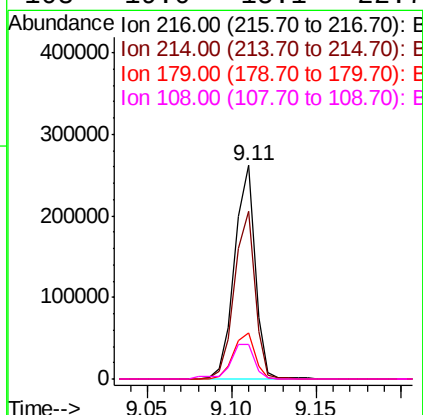
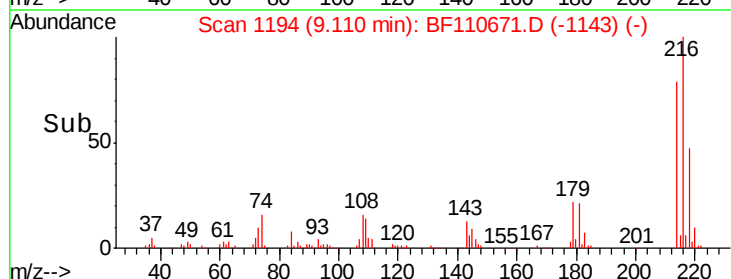
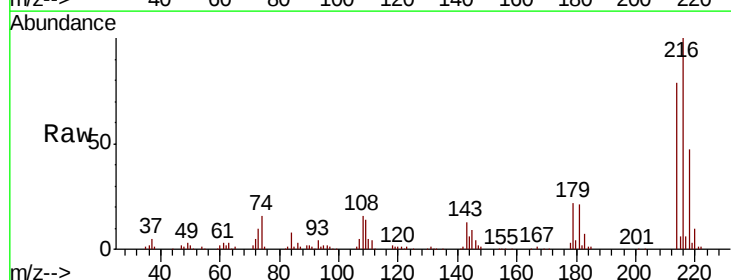
Ion Ratio Lower Upper

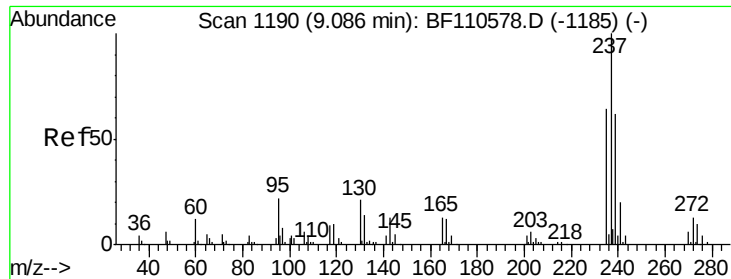
216 100

214 79.1 63.8 95.6

179 22.8 16.6 25.0

108 19.0 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 33.940 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

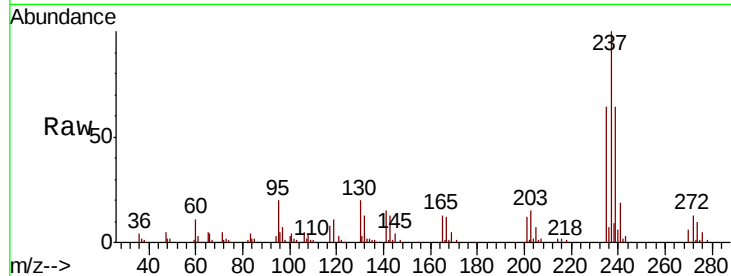
Tot Ion:237 Resp: 61898

Ion Ratio Lower Upper

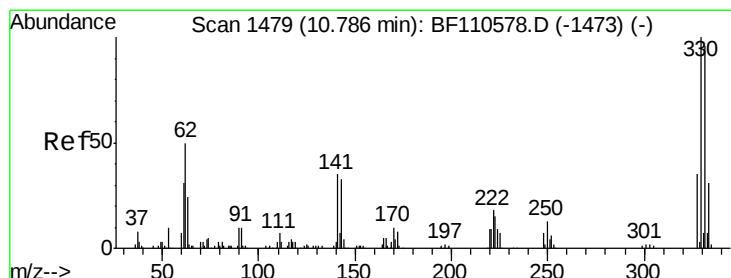
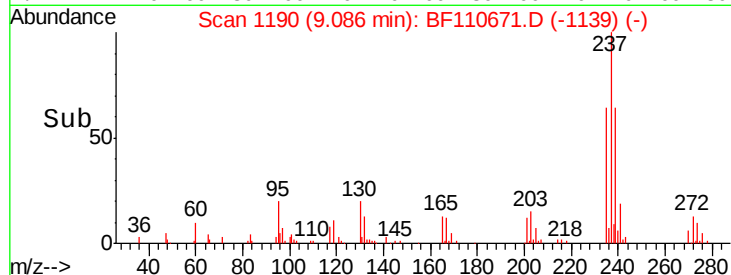
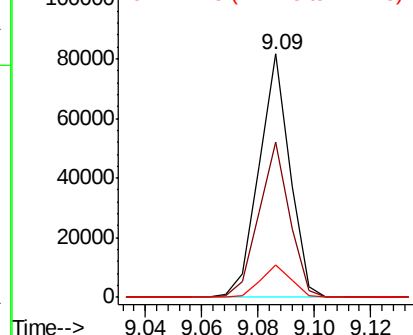
237 100

235 63.8 43.1 83.1

272 13.4 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 79.329 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

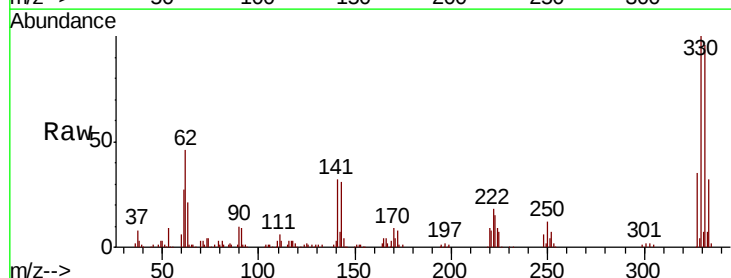
Tgt Ion:330 Resp: 137846

Ion Ratio Lower Upper

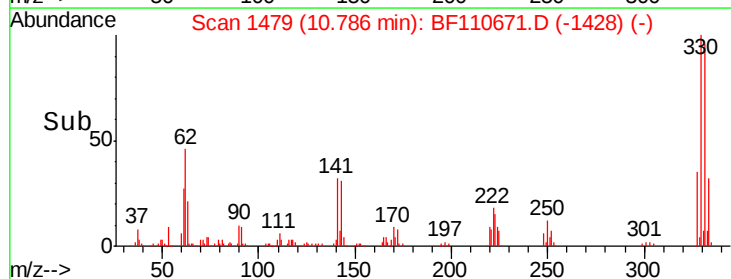
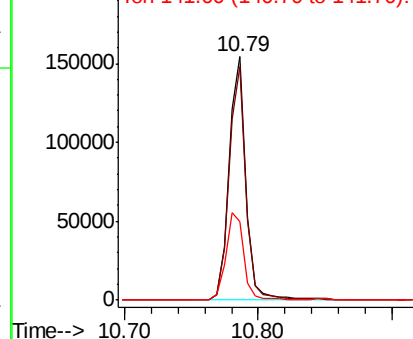
330 100

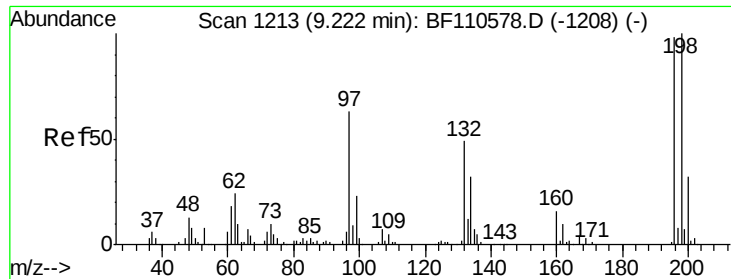
332 96.2 77.1 115.7

141 38.1 27.0 40.4



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

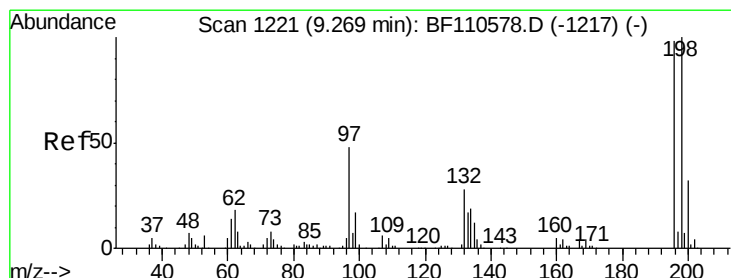
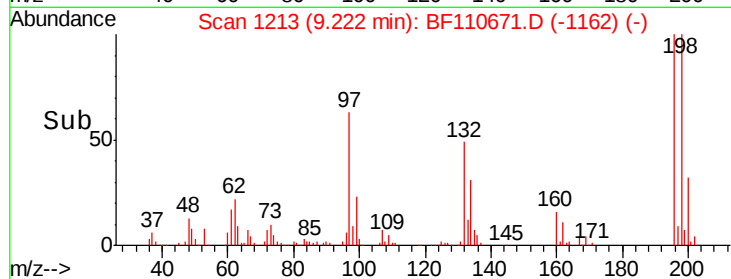
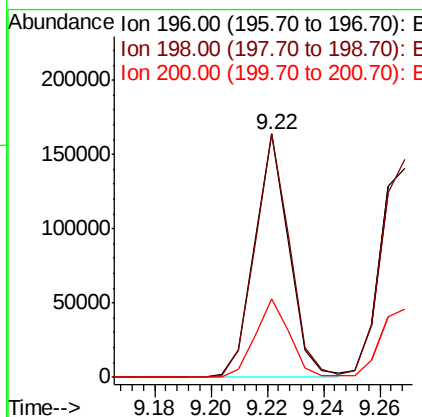
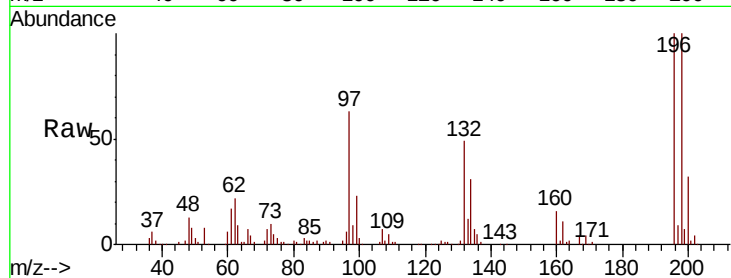




#43
 2,4,6-Trichlorophenol
 Concen: 40.522 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

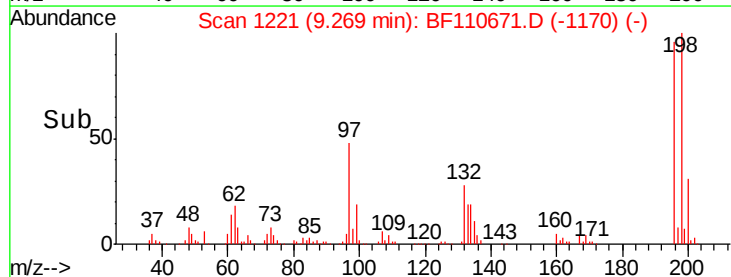
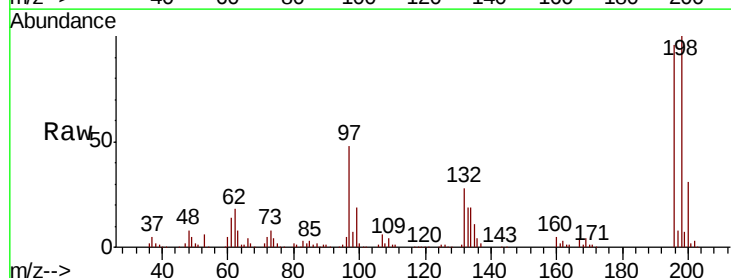
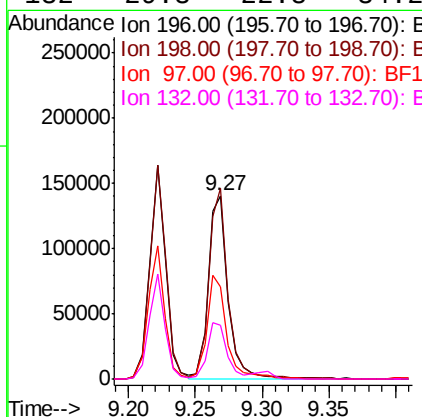
Instrument :
 BNA_F
 ClientSampled :

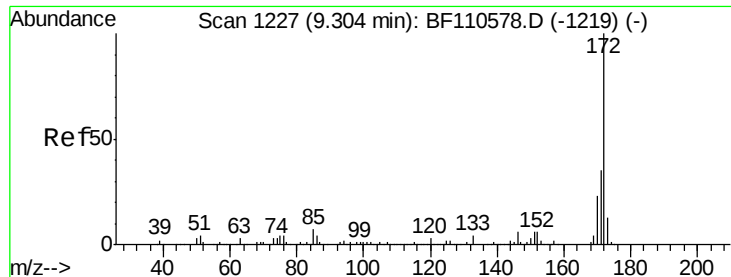
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.9	76.2	114.4
200	32.2	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.745 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.1	75.8	113.6
97	50.4	42.4	63.6
132	29.3	22.8	34.2

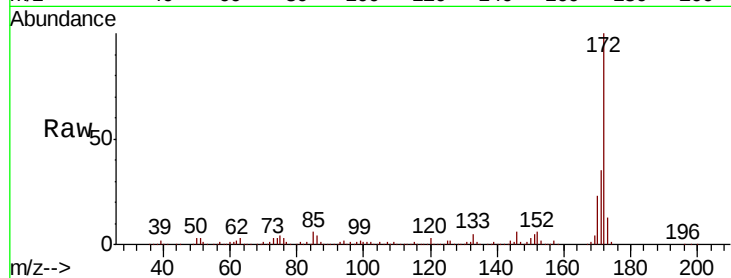




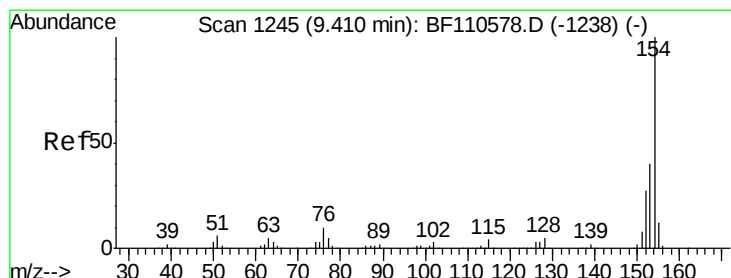
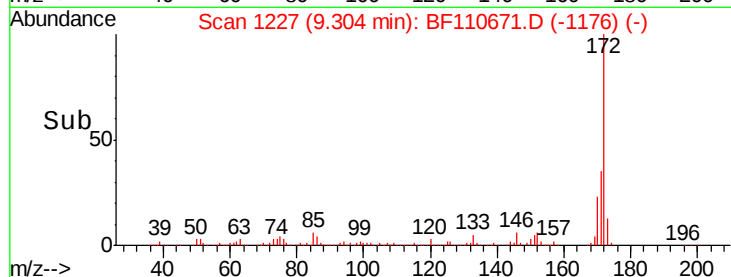
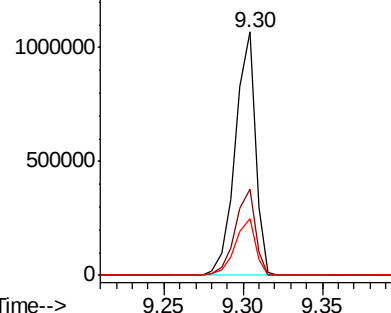
#45
 2-Fluorobiphenyl
 Concen: 78.157 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.3	19.7	29.5

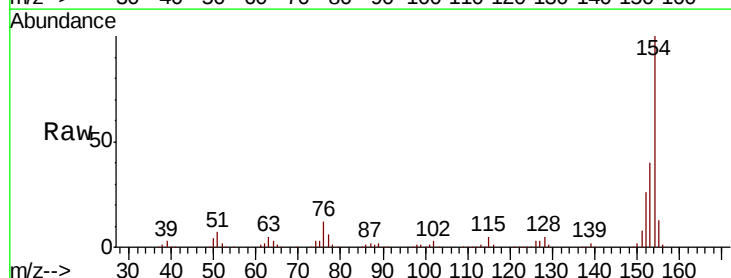


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

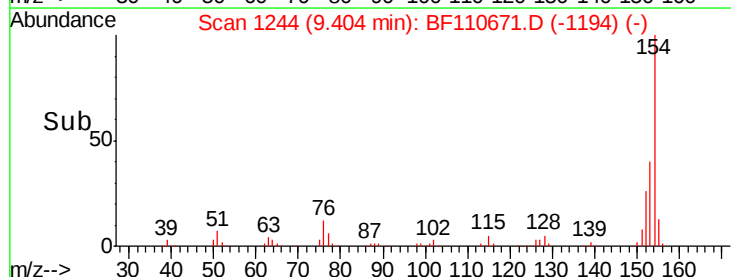
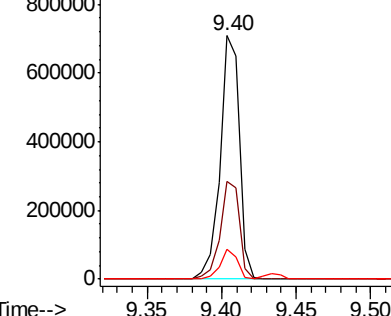


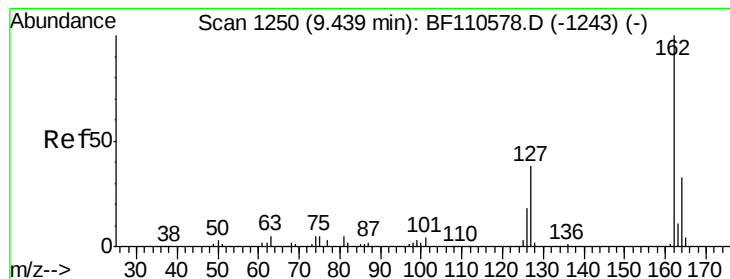
#46
 1,1'-Biphenyl
 Concen: 40.183 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.4	60.4
76	12.2	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: 40.319 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

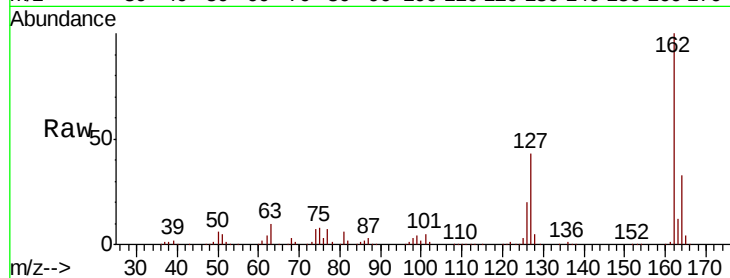
Tot Ion:162 Resp: 467282

Ion Ratio Lower Upper

162 100

127 42.7 32.6 48.8

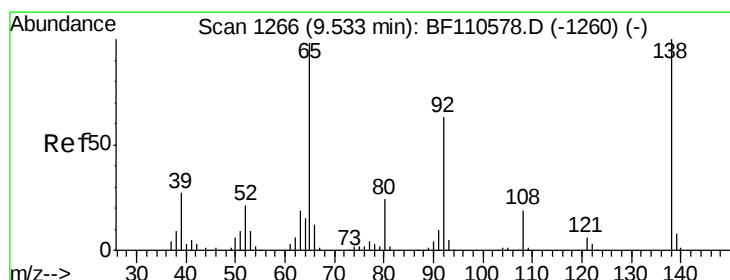
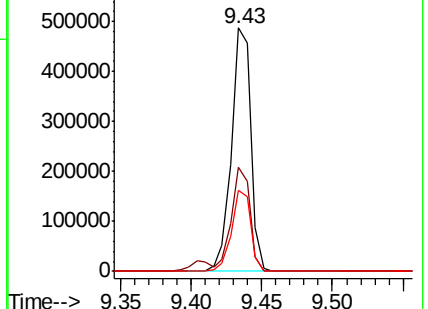
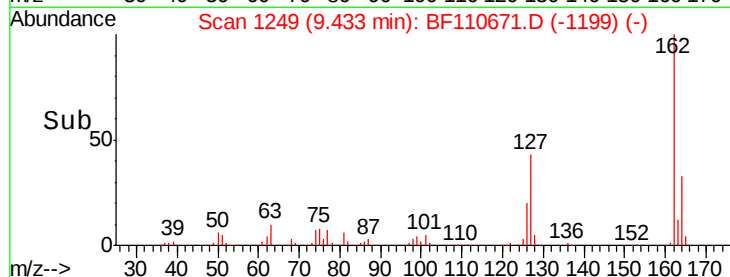
164 33.3 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.237 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

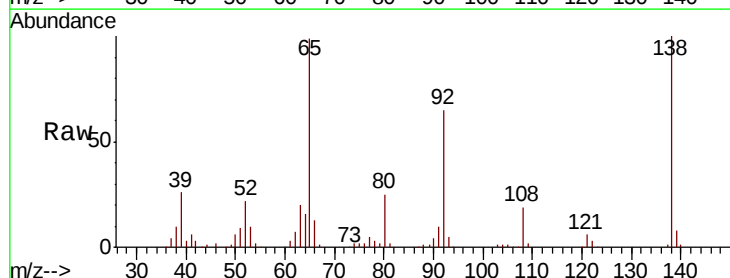
Tgt Ion: 65 Resp: 147278

Ion Ratio Lower Upper

65 100

92 65.5 54.6 81.8

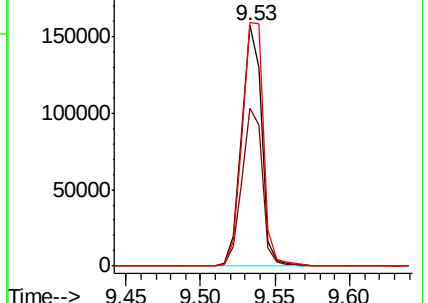
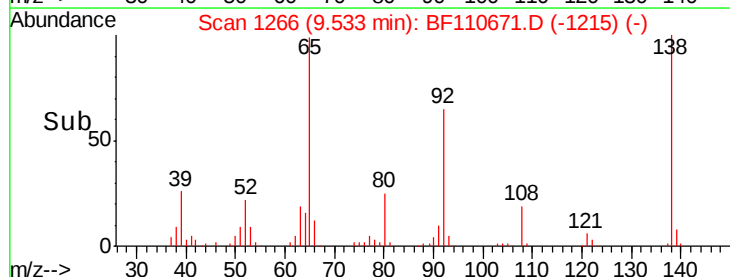
138 101.2 80.3 120.5

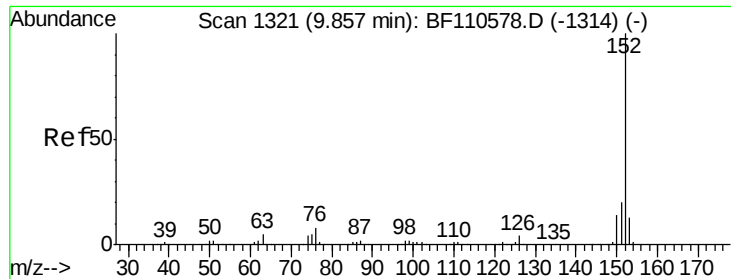


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.639 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

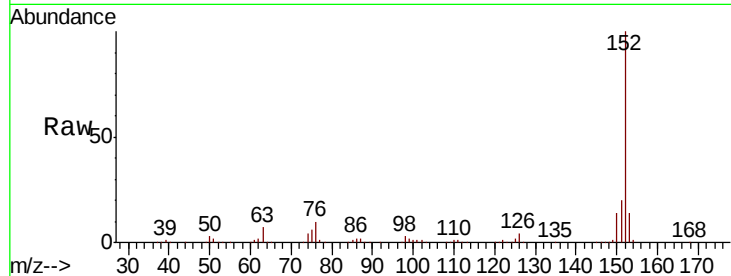
Tot Ion:152 Resp: 678288

Ion Ratio Lower Upper

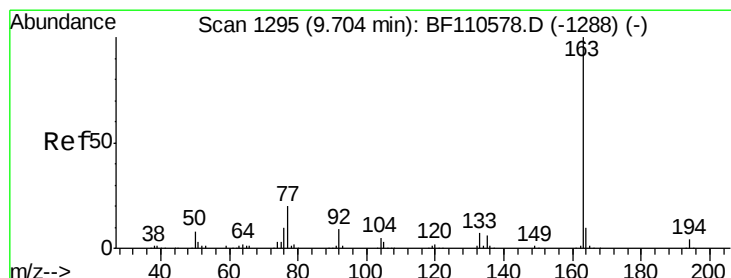
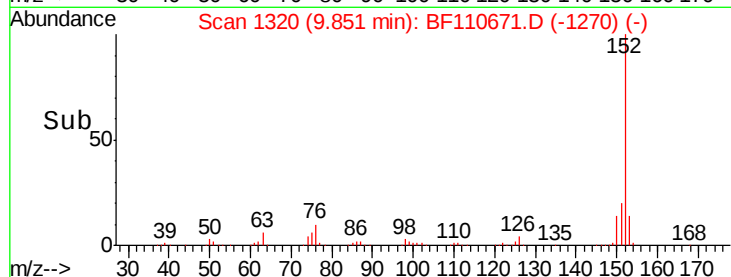
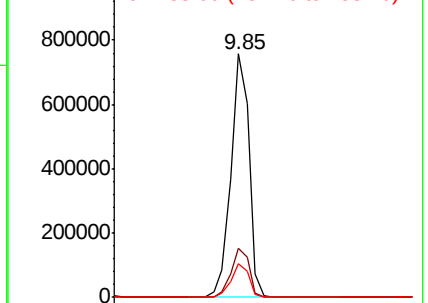
152 100

151 20.2 15.8 23.8

153 13.8 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: 39.970 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

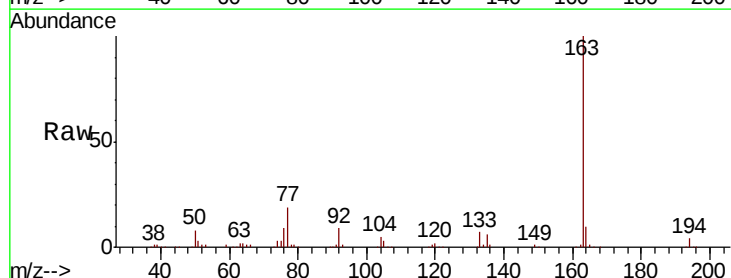
Tgt Ion:163 Resp: 514323

Ion Ratio Lower Upper

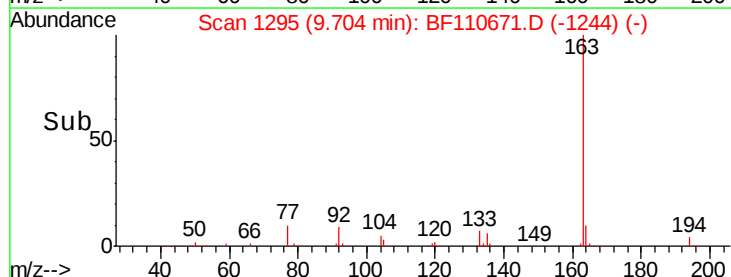
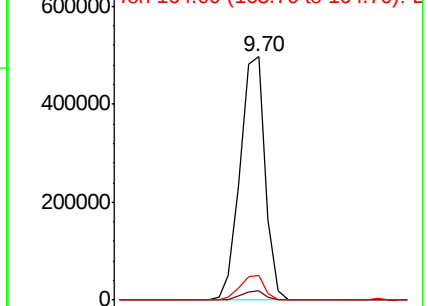
163 100

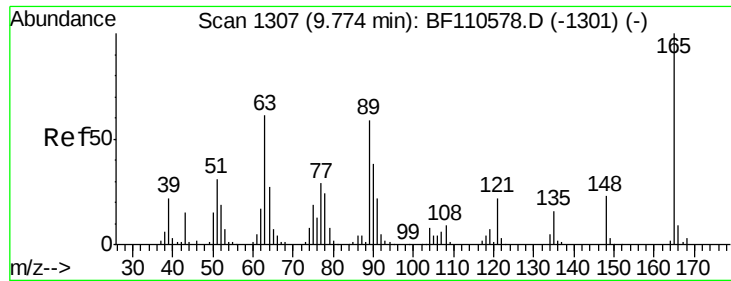
194 3.8 3.2 4.8

164 10.0 8.1 12.1



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

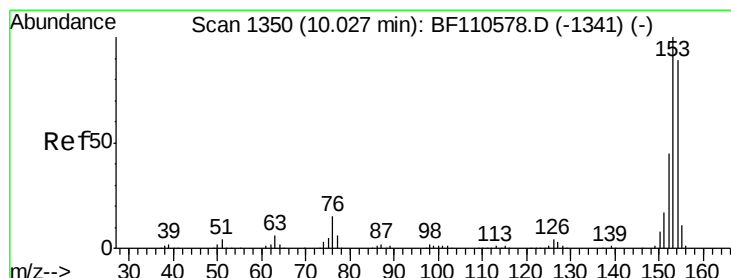
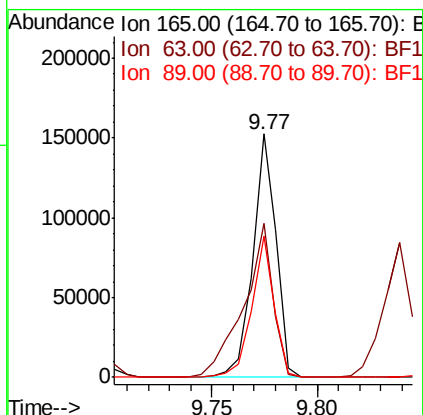
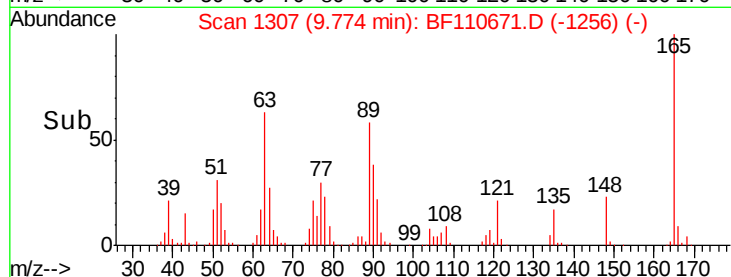
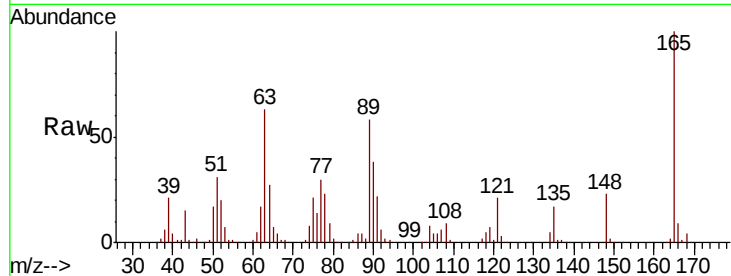




#51
2,6-Dinitrotoluene
Concen: 41.112 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

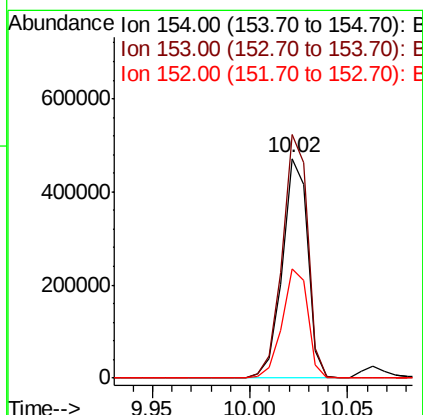
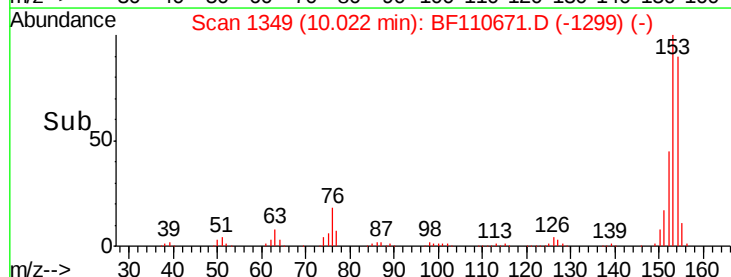
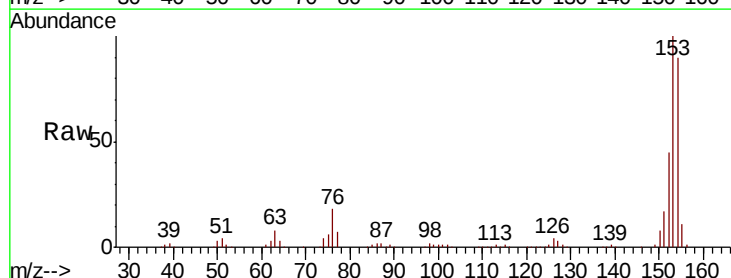
Instrument :
BNA_F
ClientSampleId :

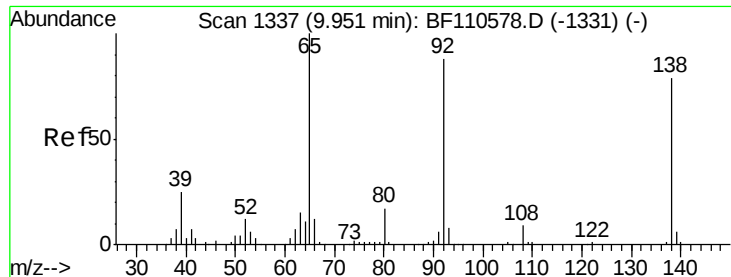
Tot Ion:165 Resp: 116373
Ion Ratio Lower Upper
165 100
63 63.4 48.9 73.3
89 57.8 46.6 69.8



#52
Acenaphthene
Concen: 40.292 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:154 Resp: 425001
Ion Ratio Lower Upper
154 100
153 110.9 90.1 135.1
152 50.0 43.4 65.2

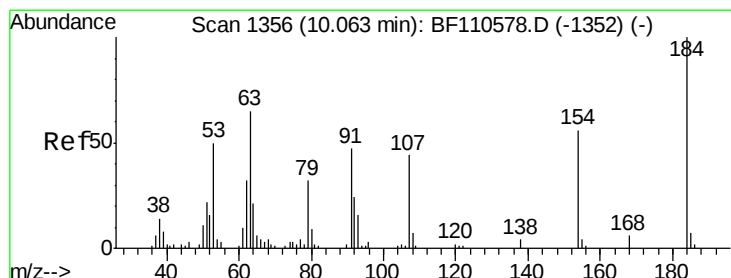
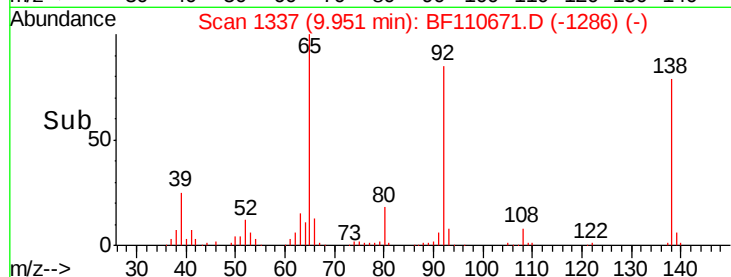
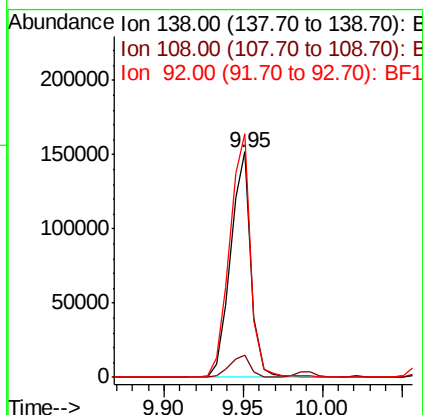
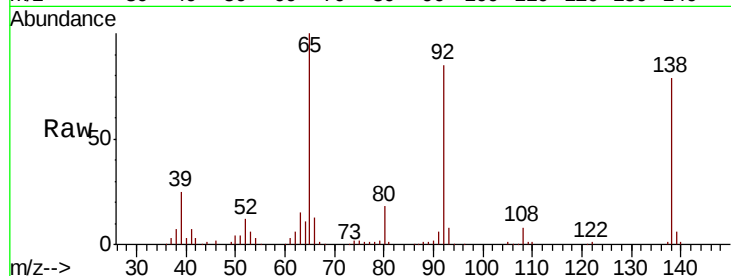




#53
3-Nitroaniline
Concen: 41.061 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

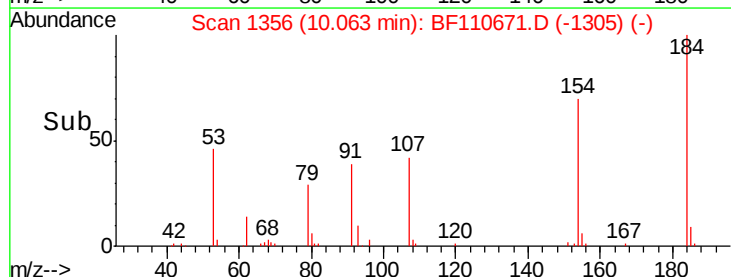
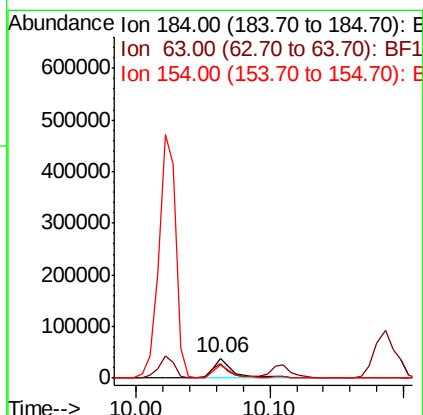
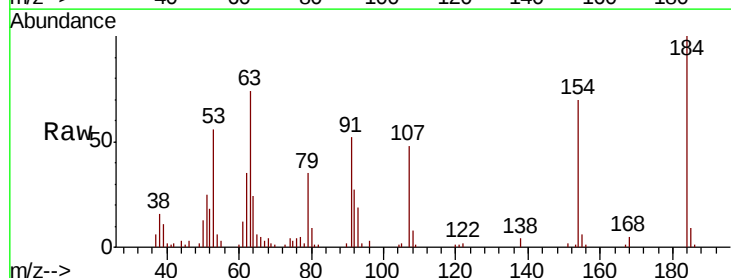
Instrument :
BNA_F
ClientSampleId :

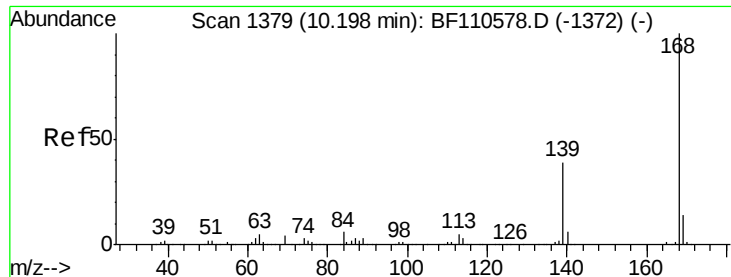
Tot Ion:138 Resp: 134657
Ion Ratio Lower Upper
138 100
108 9.9 8.7 13.1
92 108.1 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 37.618 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:184 Resp: 39434
Ion Ratio Lower Upper
184 100
63 73.7 55.8 83.6
154 69.8 63.2 94.8

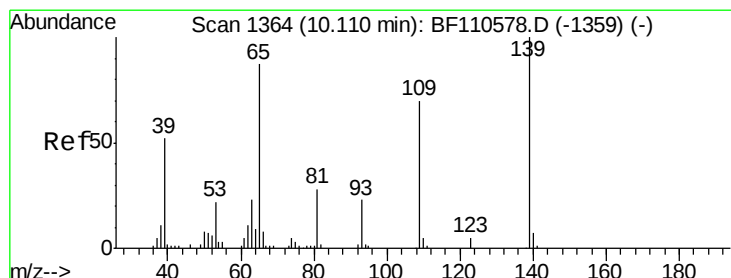
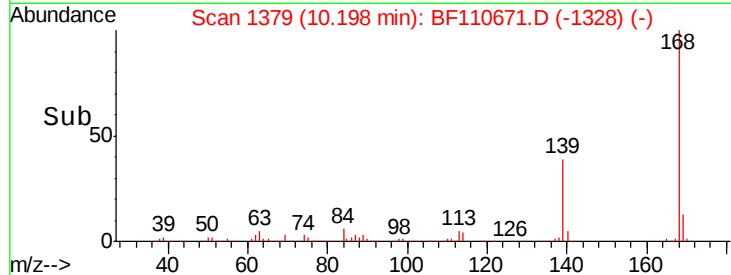
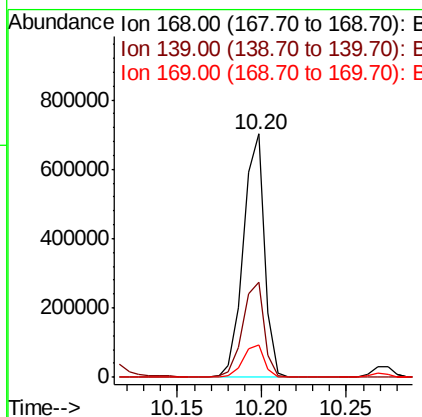
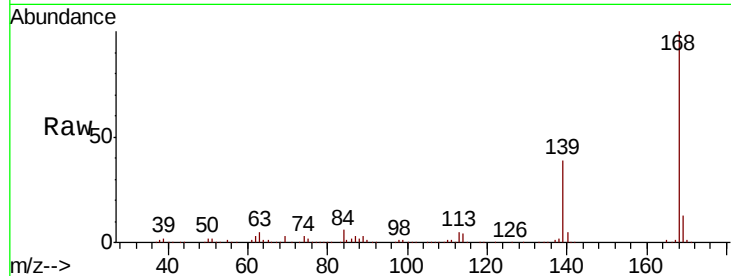




#55
Dibenzenofuran
Concen: 39.823 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

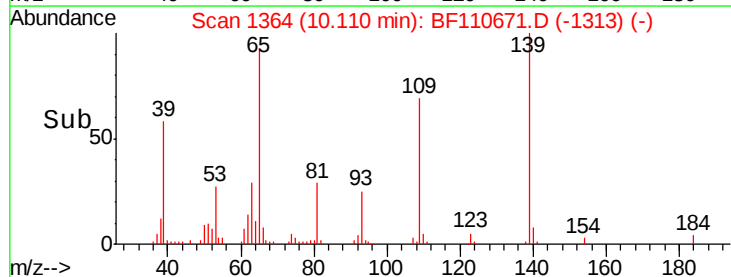
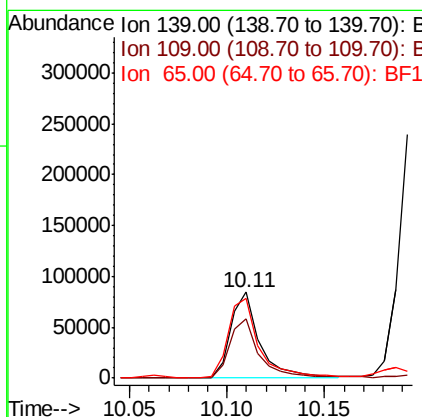
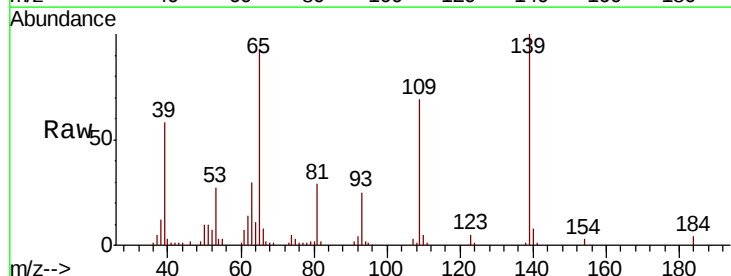
Instrument :
BNA_F
ClientSampleId :

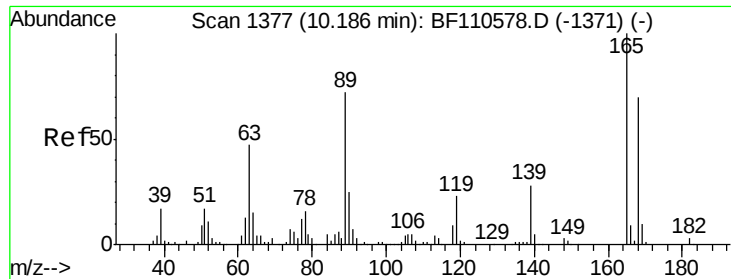
Tot Ion:168 Resp: 614560
Ion Ratio Lower Upper
168 100
139 38.8 33.0 49.6
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 40.452 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:139 Resp: 88011
Ion Ratio Lower Upper
139 100
109 69.2 55.8 95.8
65 92.6 77.9 117.9

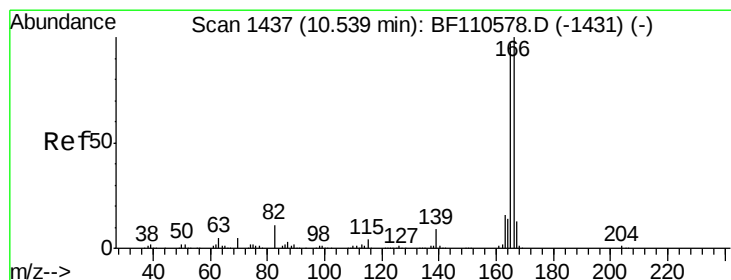
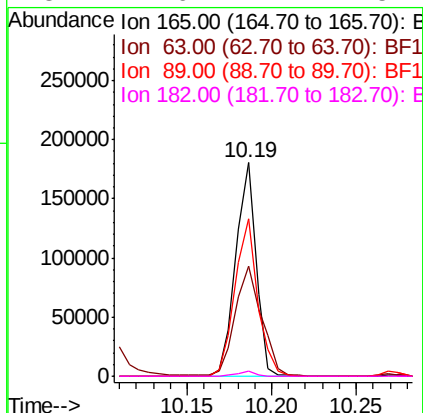
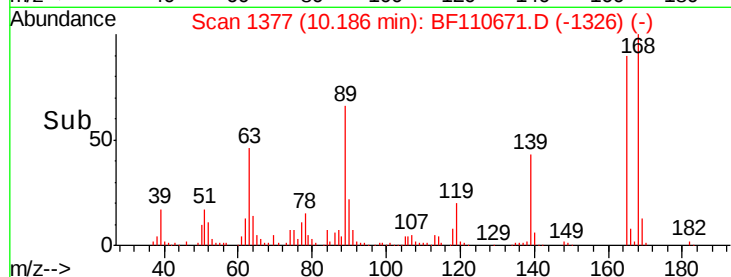
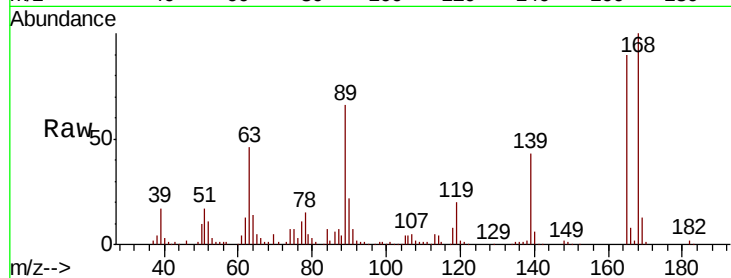




#57
2,4-Dinitrotoluene
Concen: 41.049 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

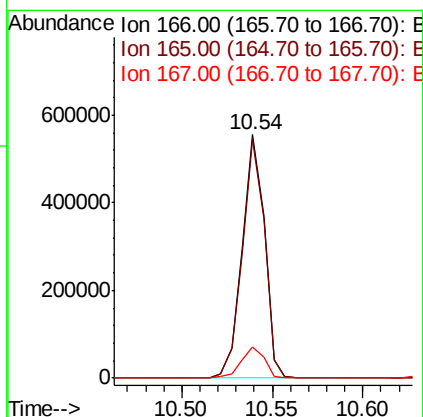
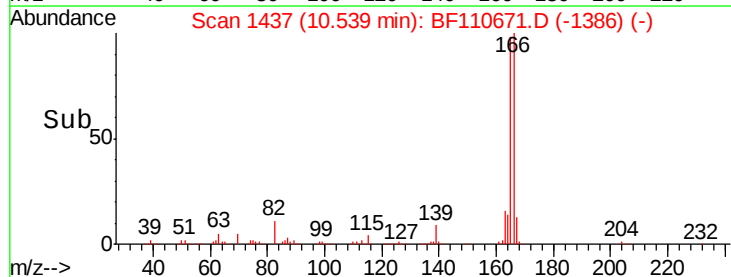
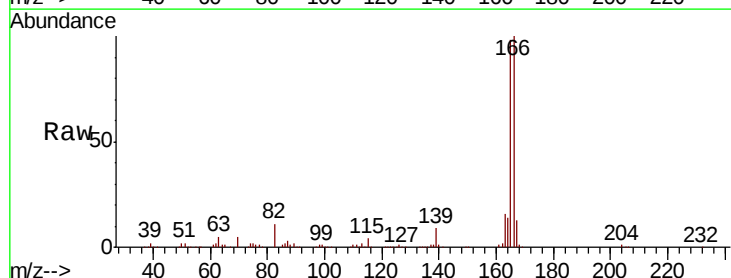
Instrument :
BNA_F
ClientSampled :

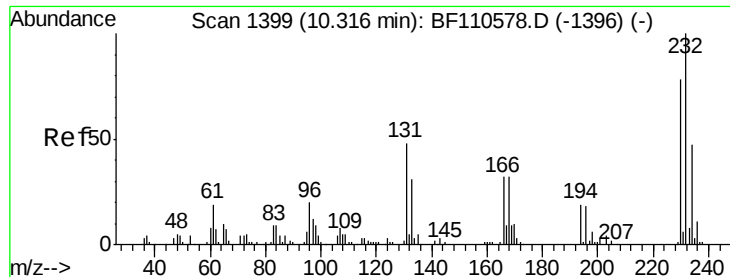
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.6	44.8	67.2
89	73.7	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 40.142 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	13.0	10.8	16.2

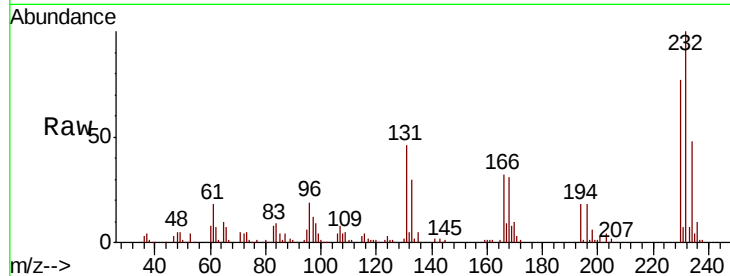




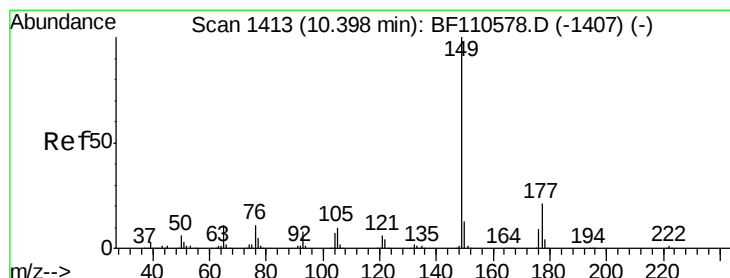
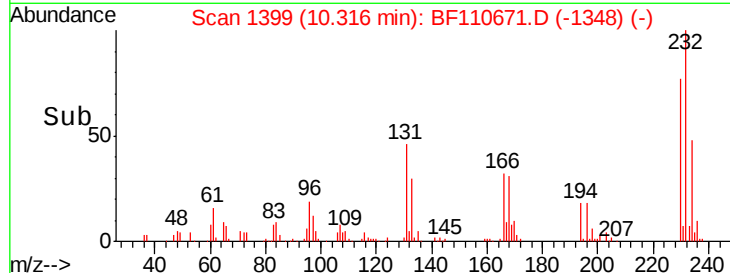
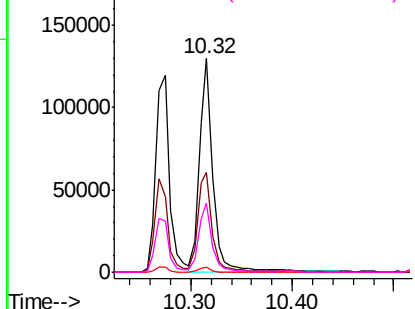
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.232 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.6	37.0	55.4
130	2.2	1.8	2.6
166	31.8	22.0	33.0

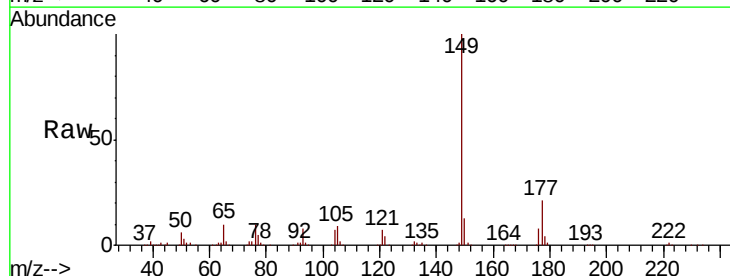


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

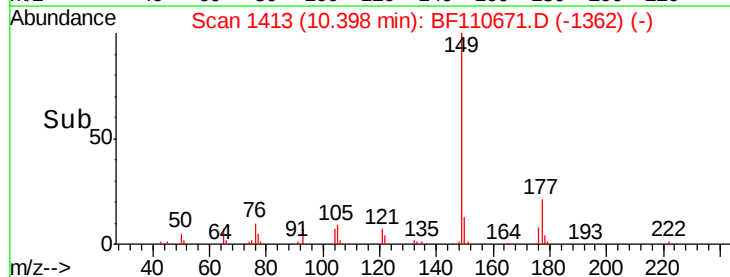
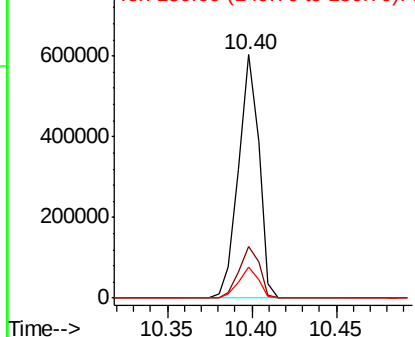


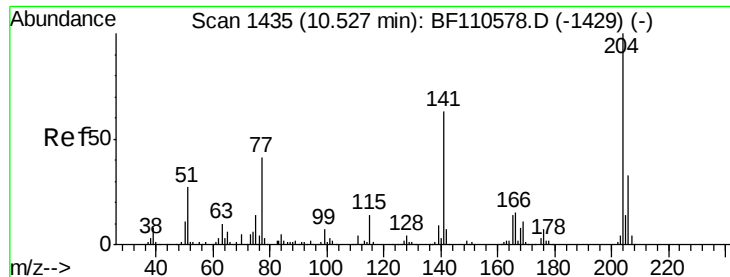
#60
 Diethylphthalate
 Concen: 39.821 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.5	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

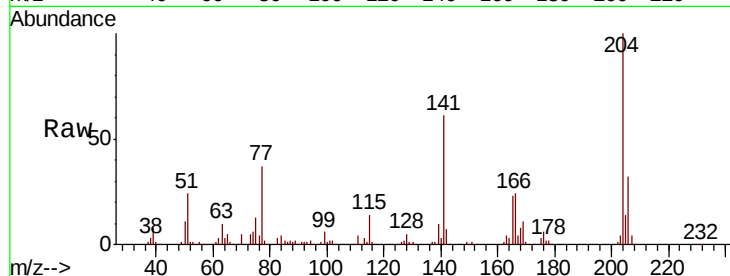




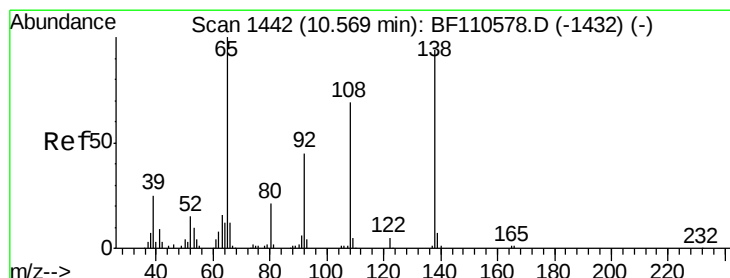
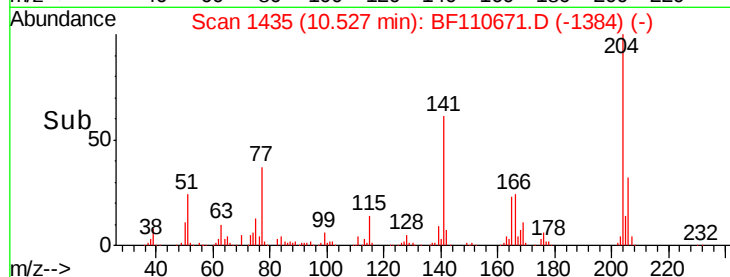
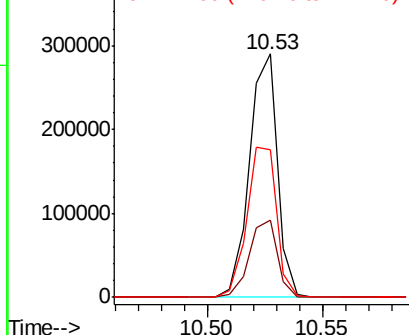
#61
4-Chlorophenyl-phenylether
Concen: 40.126 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.5	39.7
141	60.8	51.8	77.8

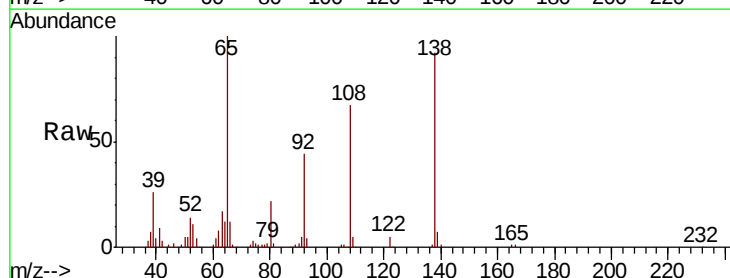


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

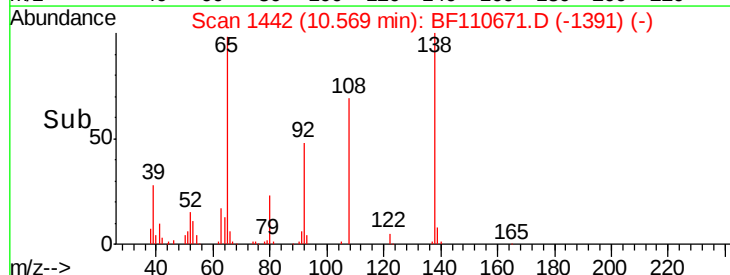
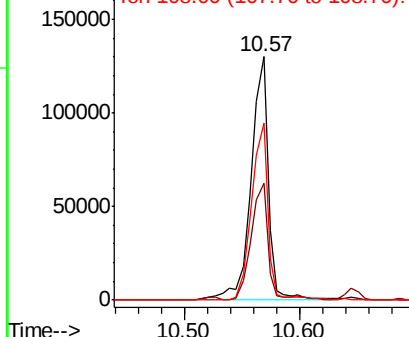


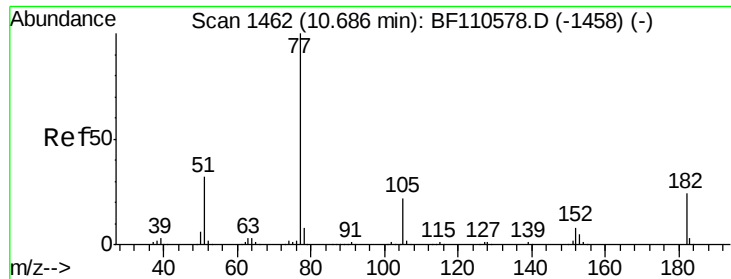
#62
4-Nitroaniline
Concen: 41.354 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	31.7	71.7
108	72.7	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

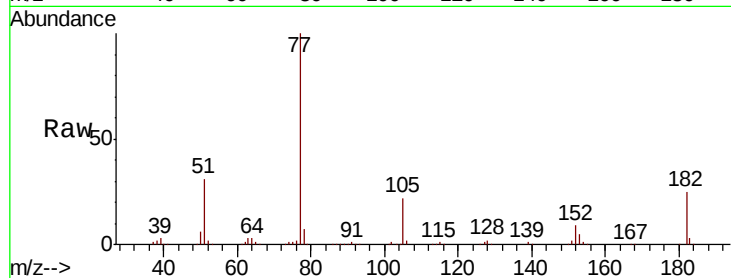




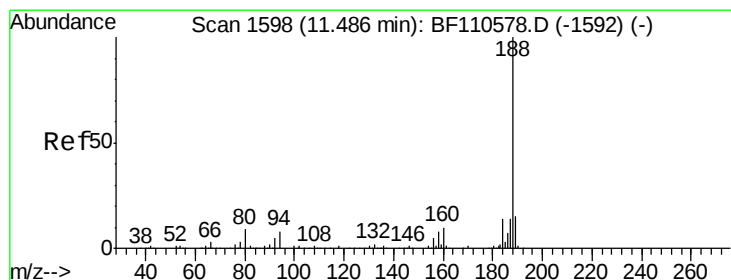
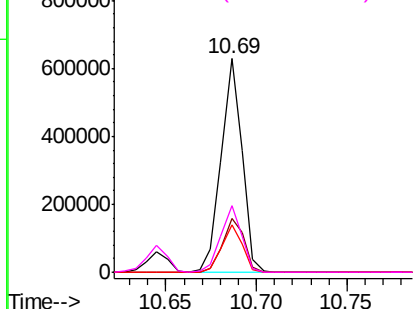
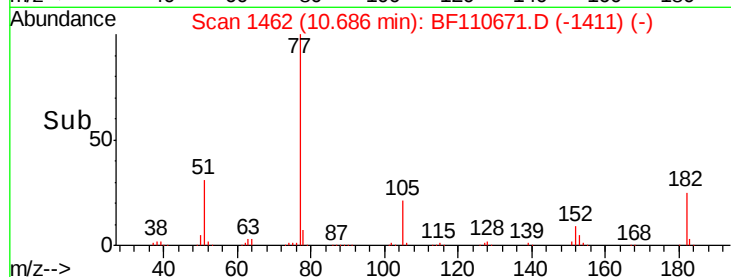
#63
Azobenzene
Concen: 40.676 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	505201
Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.3	44.3
105	21.9	1.3	41.3
51	31.3	9.0	49.0

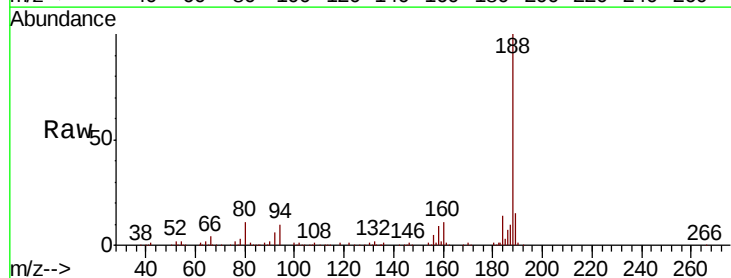


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

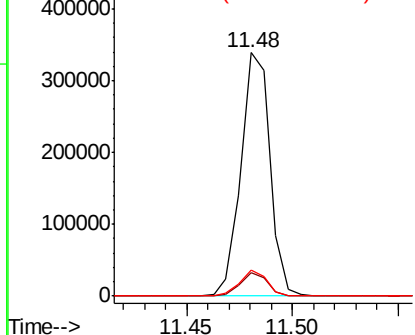
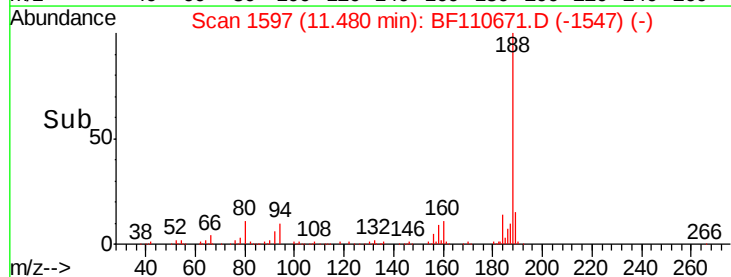


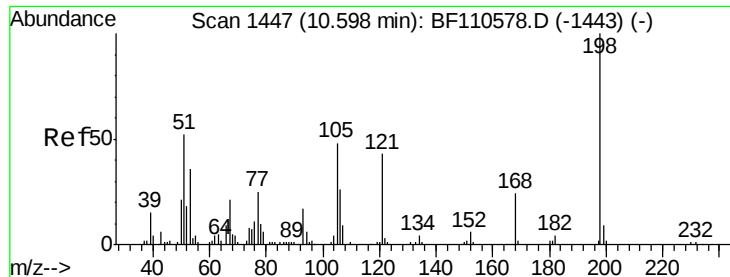
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:	188	Resp:	322854
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.8	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

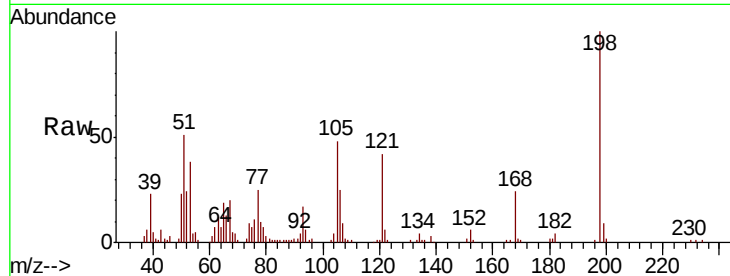




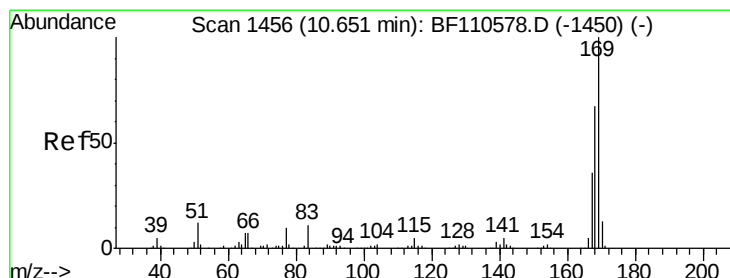
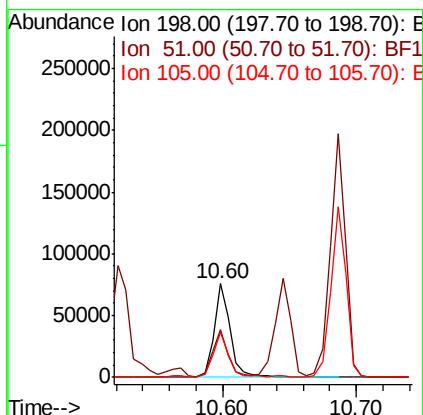
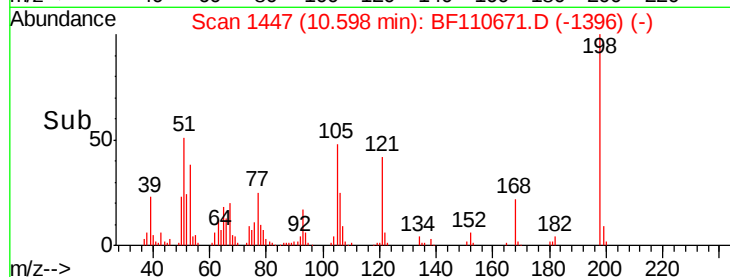
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.520 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 64305
 Ion Ratio Lower Upper
 198 100
 51 50.7 22.8 62.8
 105 48.0 23.6 63.6

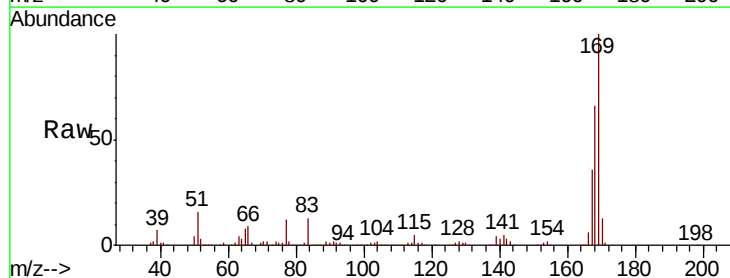


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

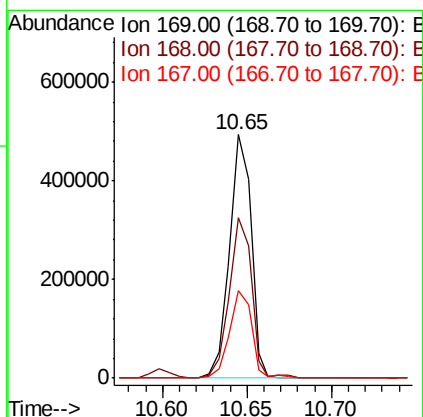
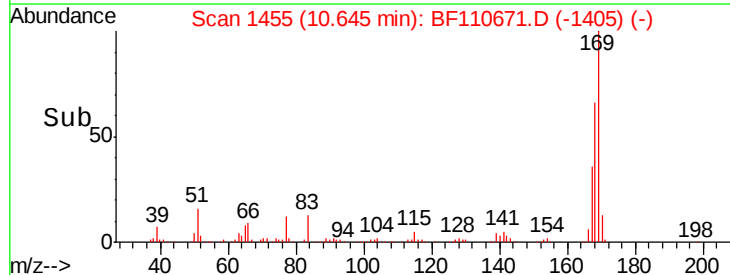


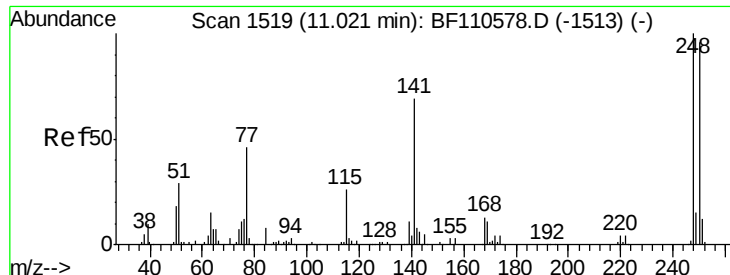
#66
 n-Nitrosodiphenylamine
 Concen: 40.351 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion:169 Resp: 439113
 Ion Ratio Lower Upper
 169 100
 168 65.7 51.2 76.8
 167 36.0 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

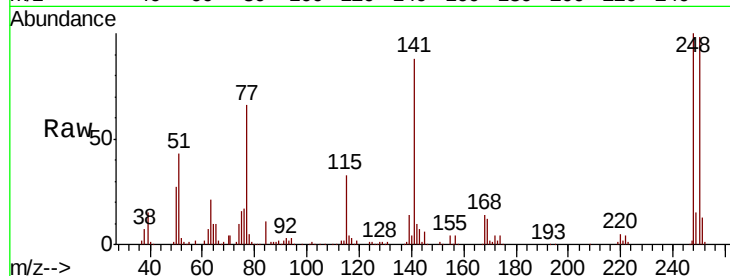




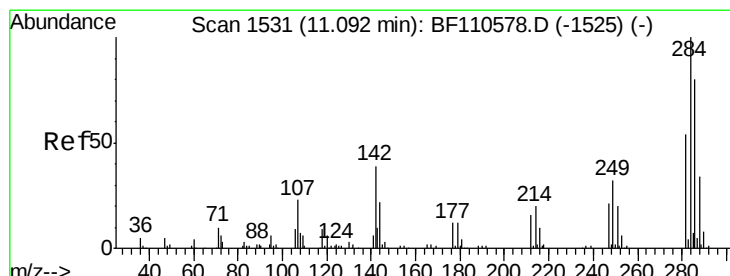
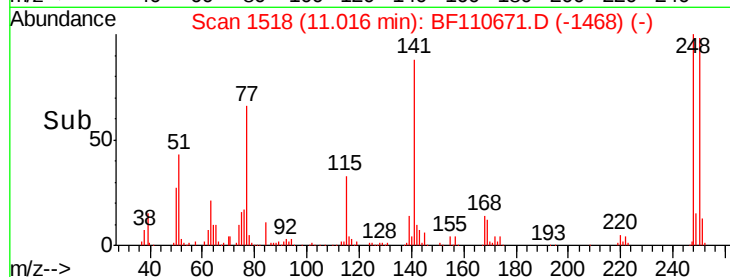
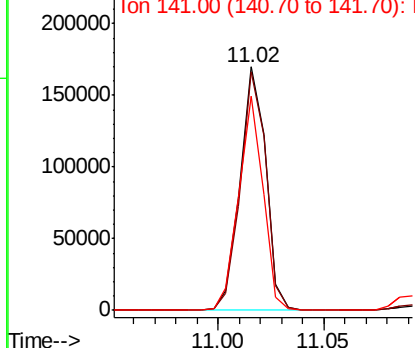
#67
 4-Bromophenyl-phenylether
 Concen: 40.060 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 142941
 Ion Ratio Lower Upper
 248 100
 250 98.2 79.4 119.2
 141 87.7 55.9 83.9#

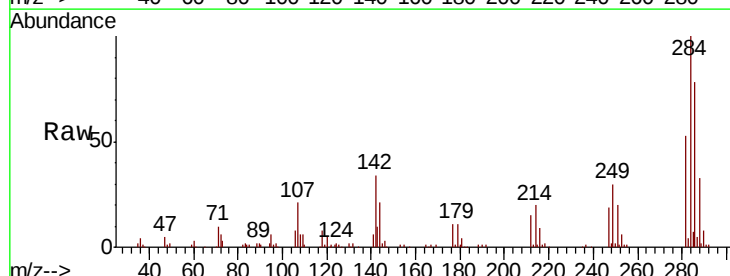


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

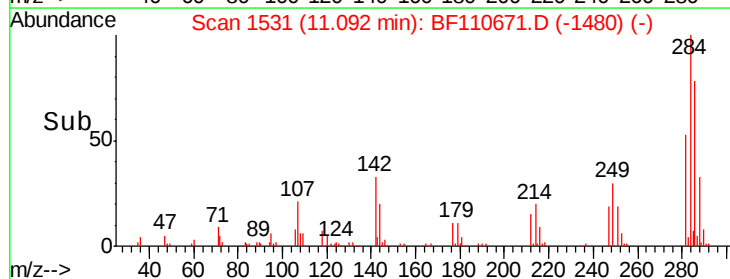
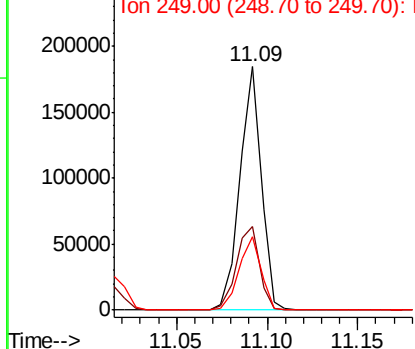


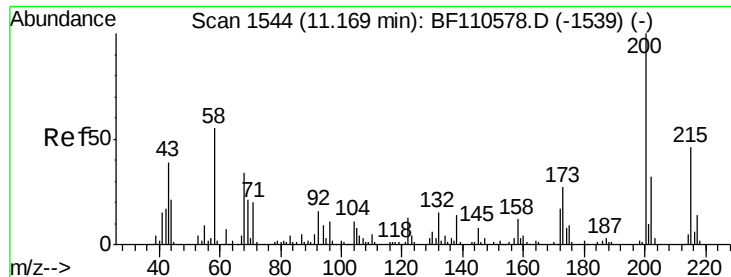
#68
 Hexachlorobenzene
 Concen: 40.444 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion:284 Resp: 152149
 Ion Ratio Lower Upper
 284 100
 142 34.2 23.9 35.9
 249 30.1 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: 40.151 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

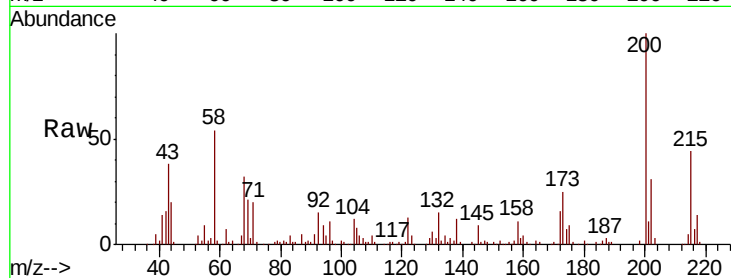
Tot Ion:200 Resp: 133597

Ion Ratio Lower Upper

200 100

173 25.5 6.6 46.6

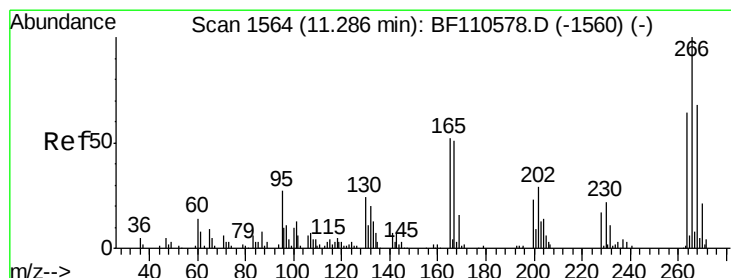
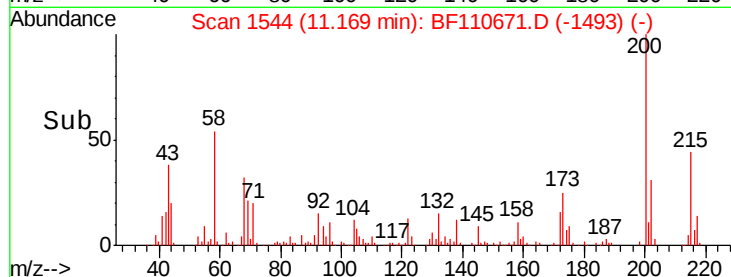
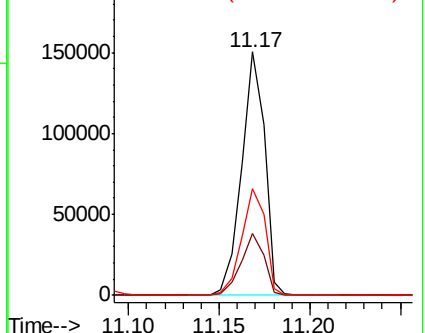
215 43.9 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.424 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

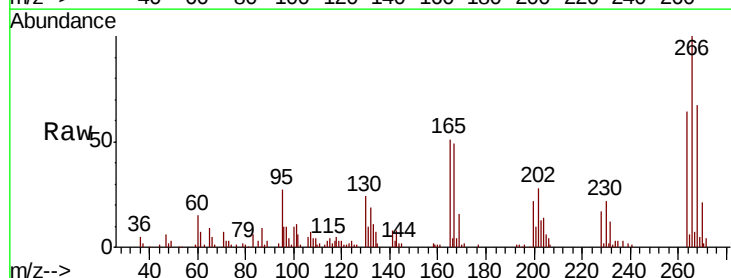
Tgt Ion:266 Resp: 81146

Ion Ratio Lower Upper

266 100

268 66.6 50.6 75.8

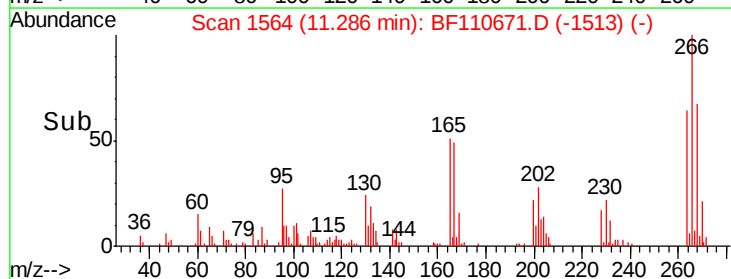
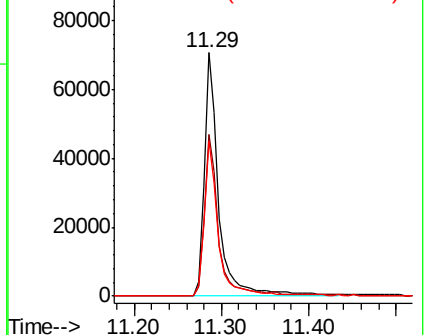
264 63.9 50.6 75.8

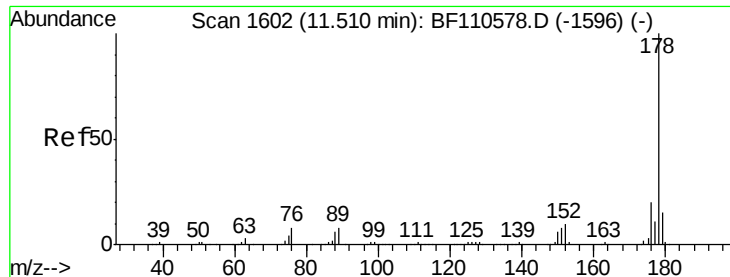


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

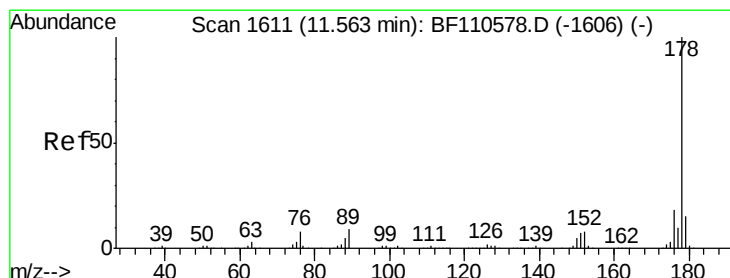
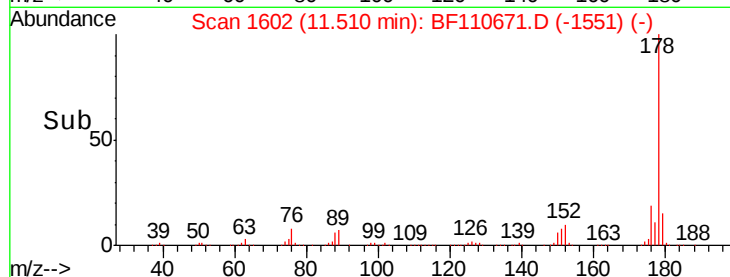
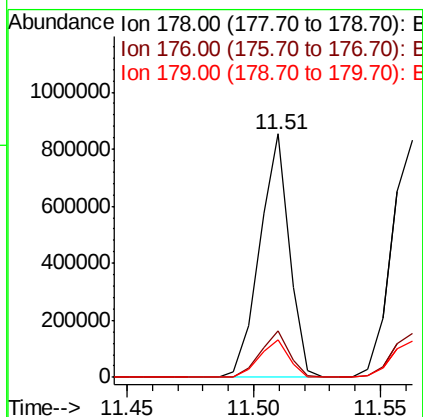
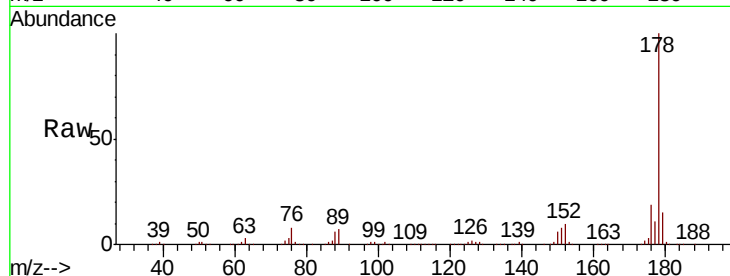




#71
 Phenanthrene
 Concen: 40.251 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

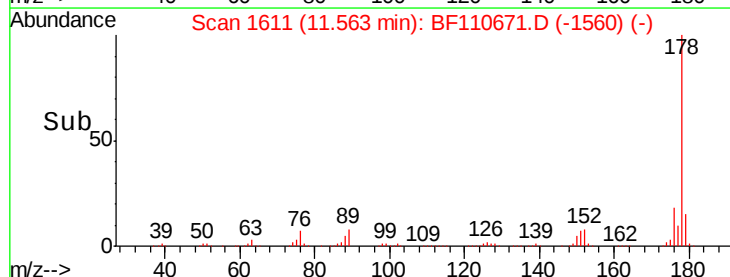
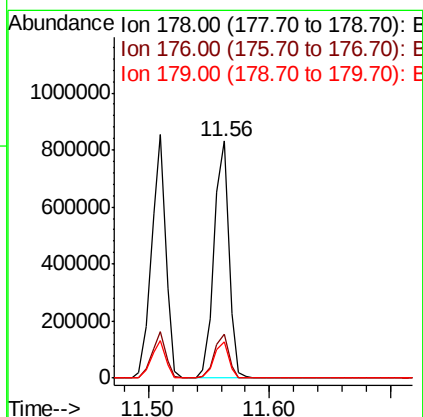
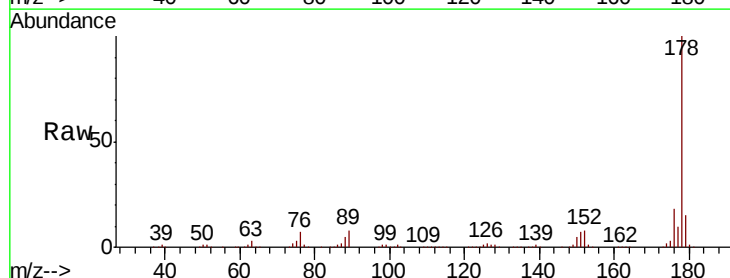
Instrument :
 BNA_F
 ClientSampleID :

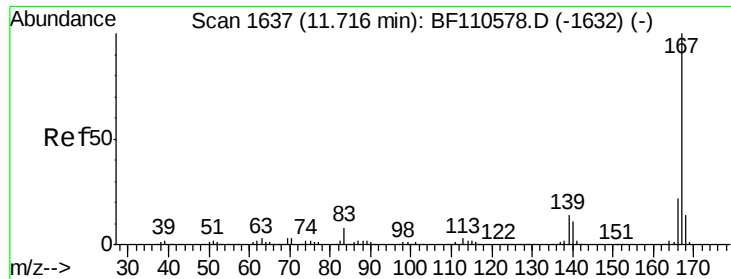
Tot Ion:178 Resp: 696210
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.4 12.5 18.7



#72
 Anthracene
 Concen: 40.113 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion:178 Resp: 699909
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.2 12.6 18.8

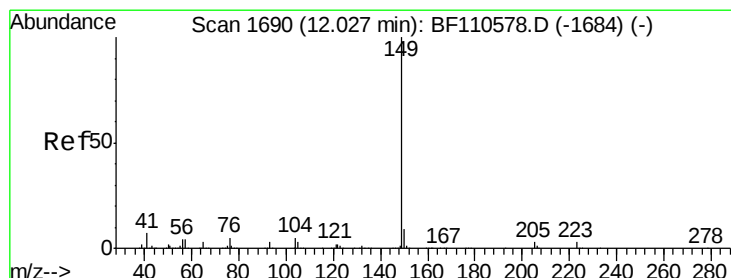
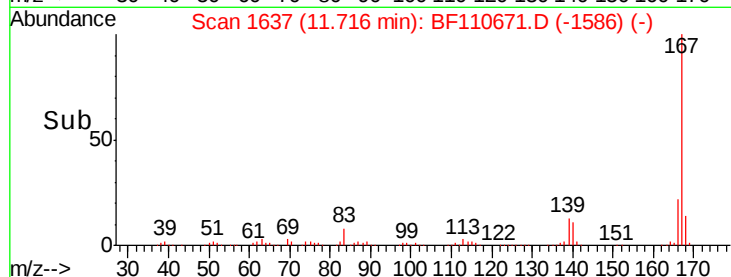
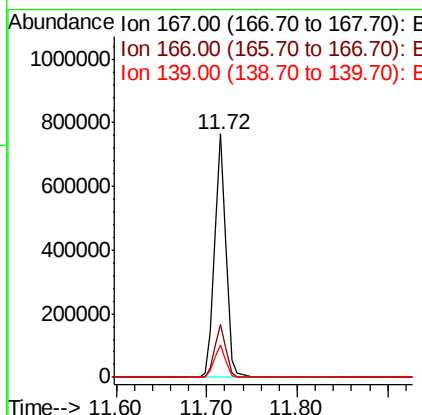
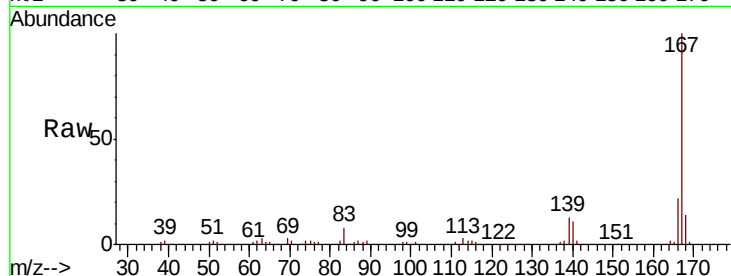




#73
 Carbazole
 Concen: 40.350 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

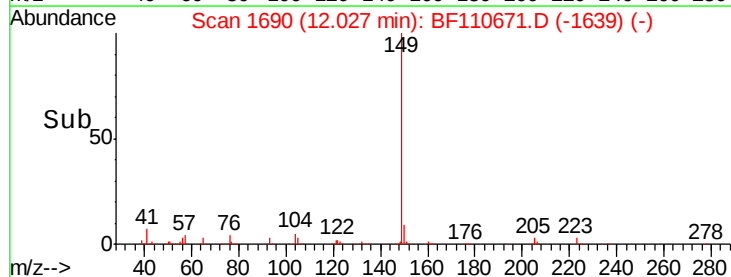
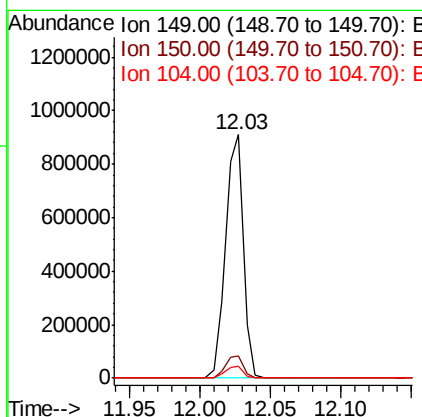
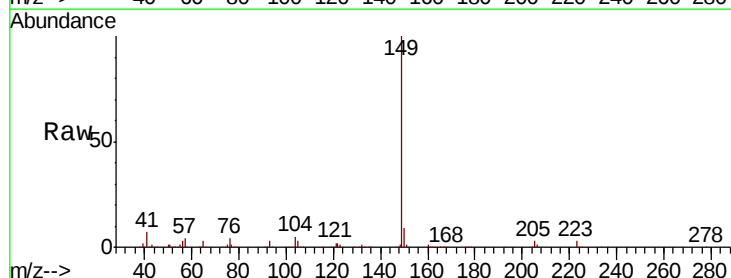
Instrument :
 BNA_F
 ClientSampled :

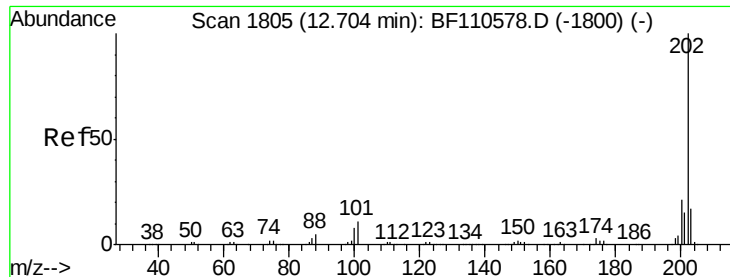
Tot Ion:167 Resp: 676140
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.483 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion:149 Resp: 795510
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.8 4.2 6.4

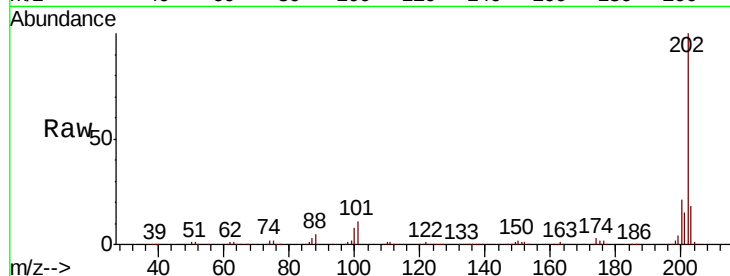




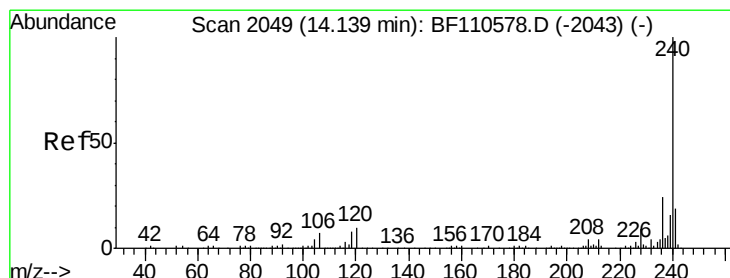
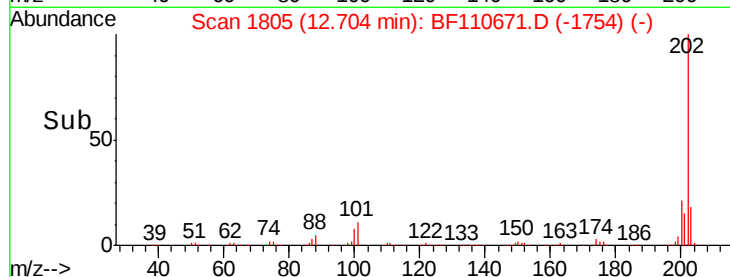
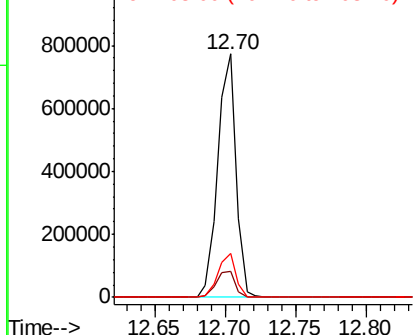
#75
 Fluoranthene
 Concen: 40.276 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 698430
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 31.4
 203 17.9 0.0 37.7

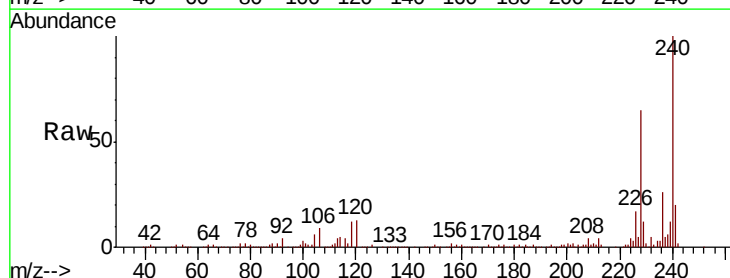


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

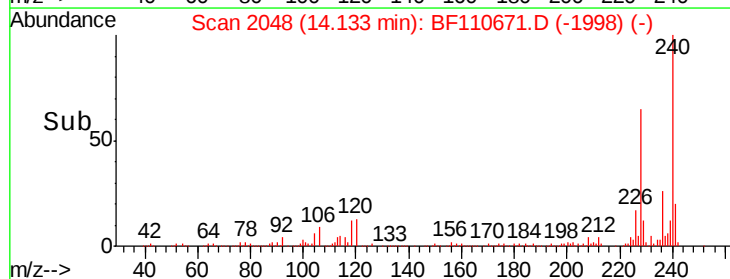
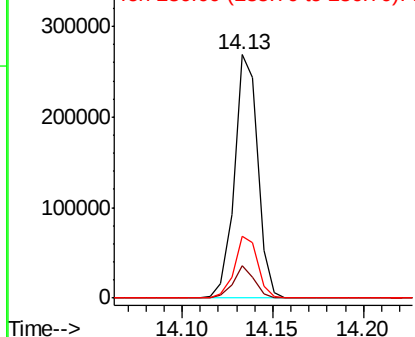


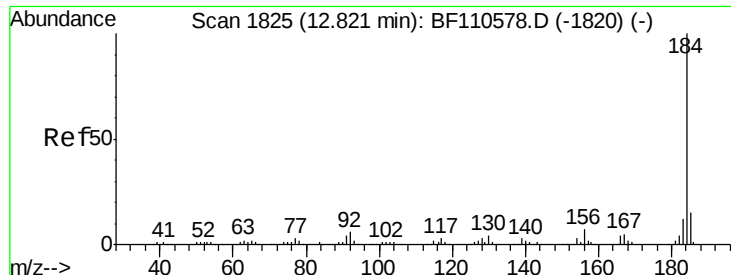
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110671.D
 Acq: 12 Nov 2018 13:43

Tgt Ion:240 Resp: 241273
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.3 12.5#
 236 25.5 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: 36.862 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

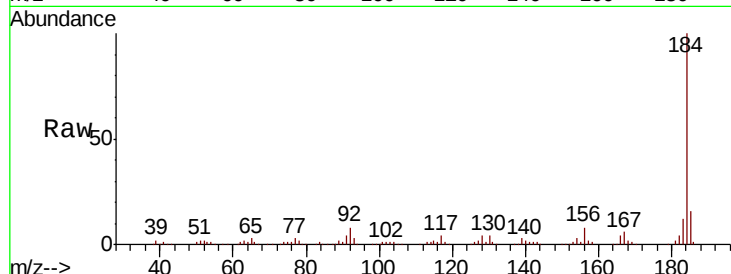
Tot Ion:184 Resp: 244579

Ion Ratio Lower Upper

184 100

185 16.1 13.4 20.2

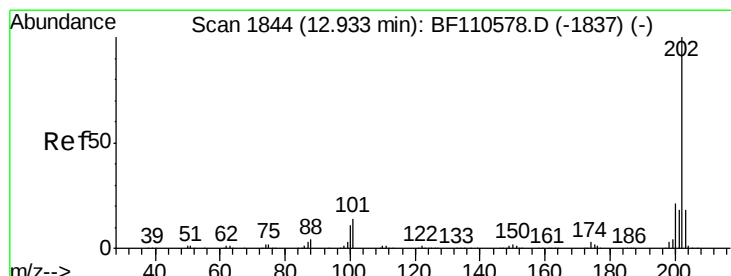
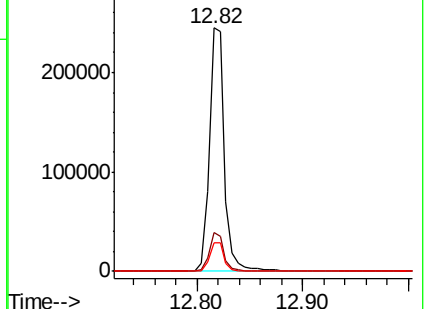
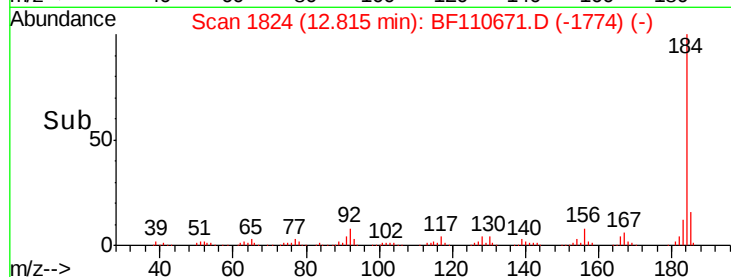
183 12.0 9.4 14.2



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: 39.211 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

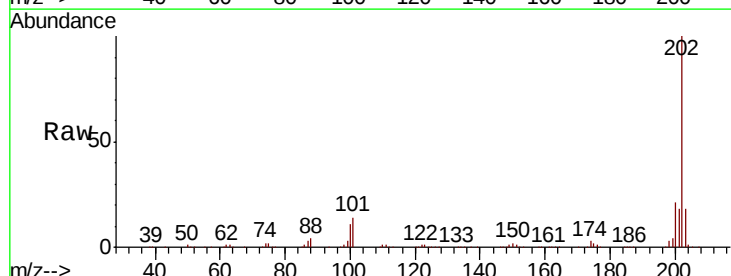
Tgt Ion:202 Resp: 728438

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

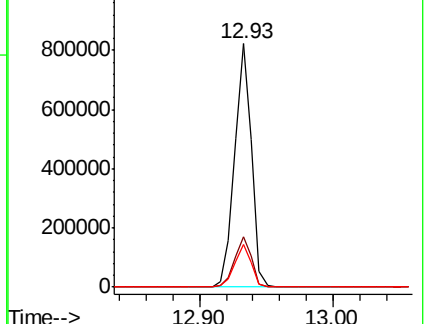
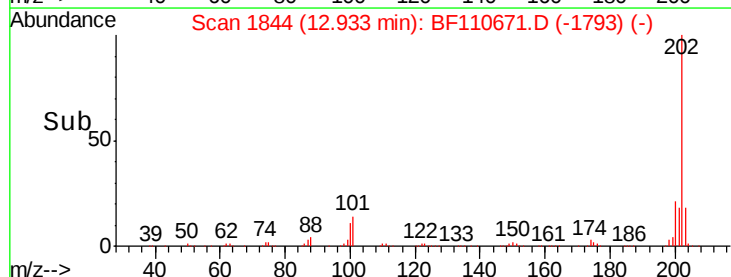
203 17.5 14.2 21.4

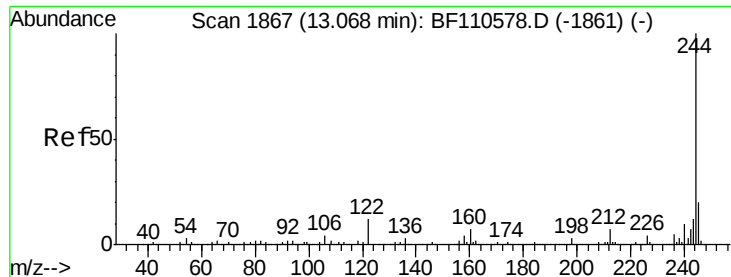


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.690 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

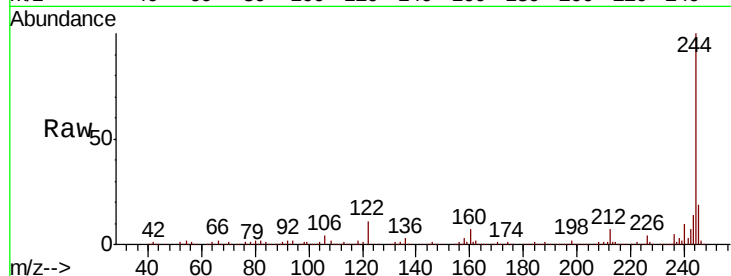
Tot Ion:244 Resp: 988020

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

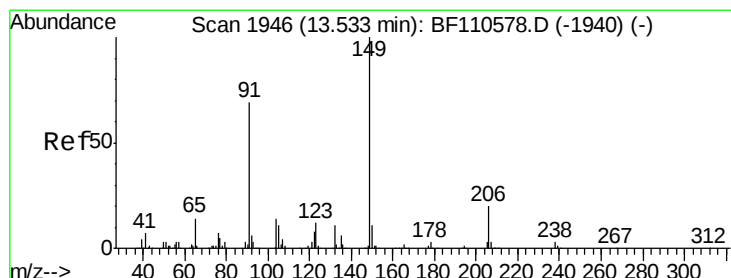
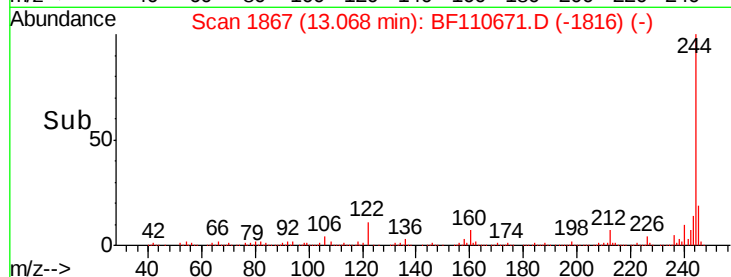
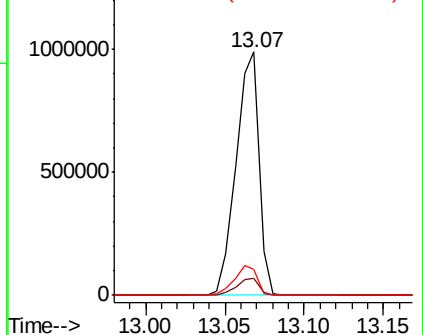
122 10.6 8.7 13.1



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: 40.600 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

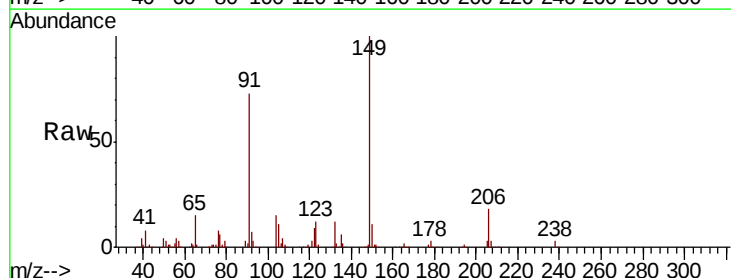
Tgt Ion:149 Resp: 324631

Ion Ratio Lower Upper

149 100

91 73.0 57.2 85.8

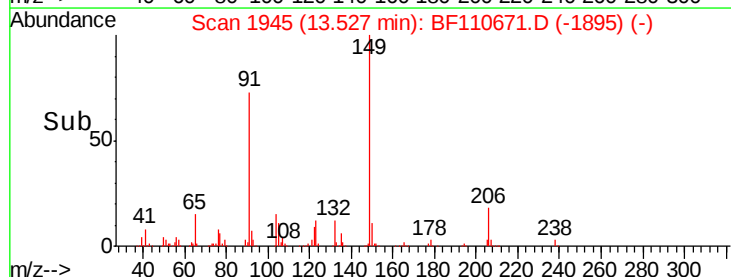
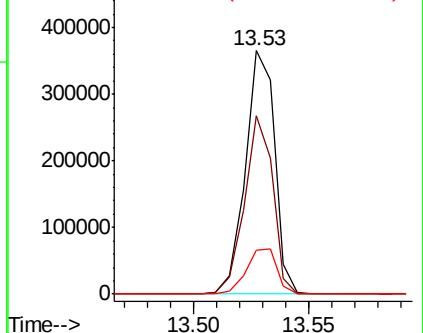
206 18.0 15.7 23.5

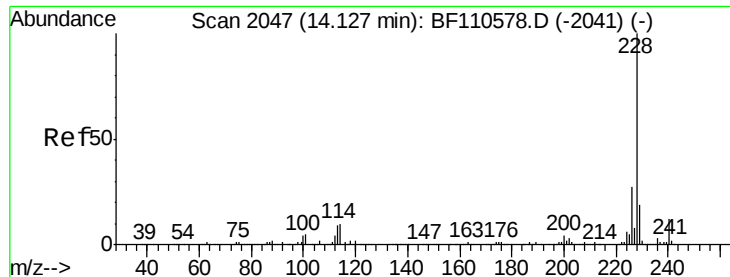


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.416 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

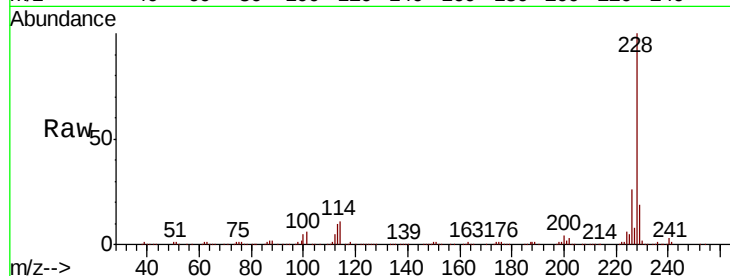
Tot Ion:228 Resp: 582842

Ion Ratio Lower Upper

228 100

226 26.4 22.1 33.1

229 19.3 15.6 23.4

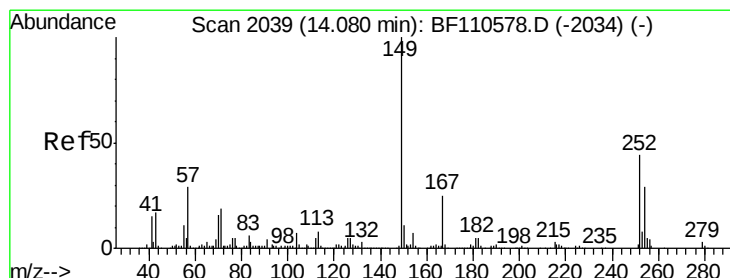
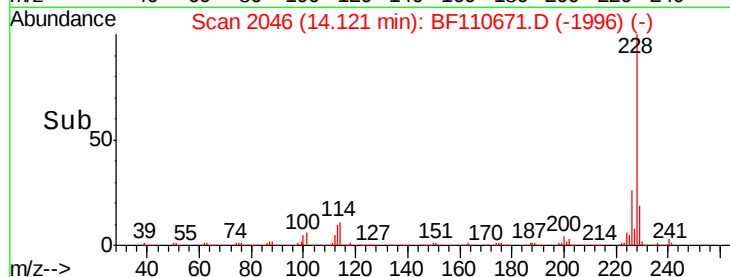
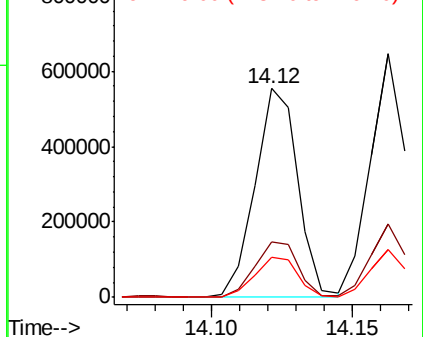


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.938 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

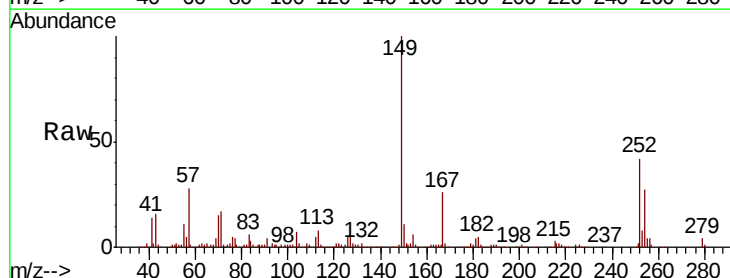
Tgt Ion:252 Resp: 188111

Ion Ratio Lower Upper

252 100

254 64.9 51.3 76.9

126 12.2 9.4 14.2

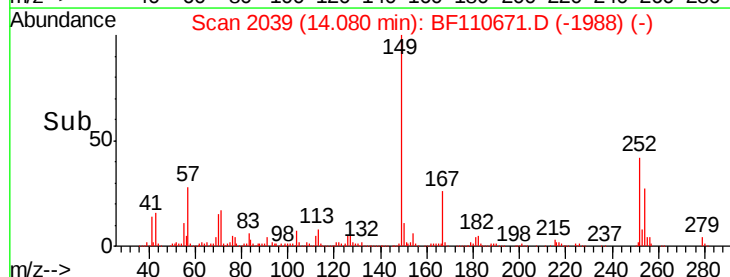
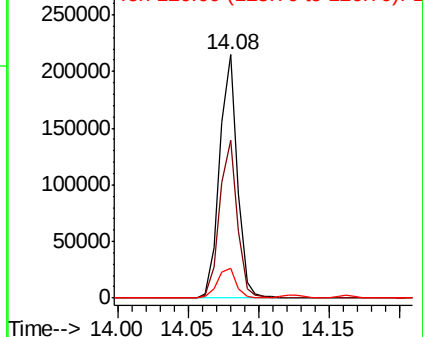


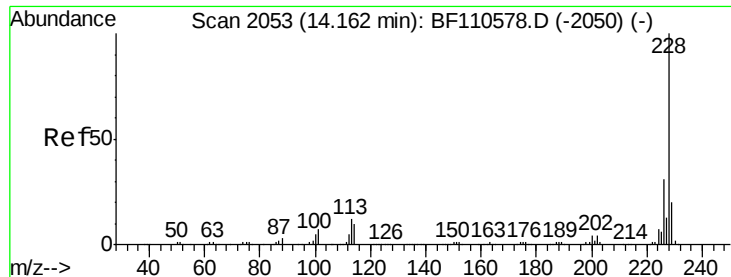
Abundance

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: 40.389 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampled :

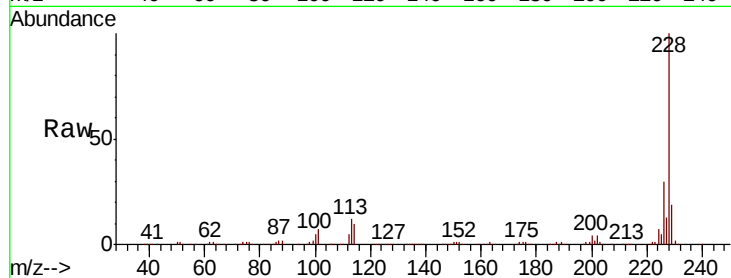
Tot Ion:228 Resp: 554910

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

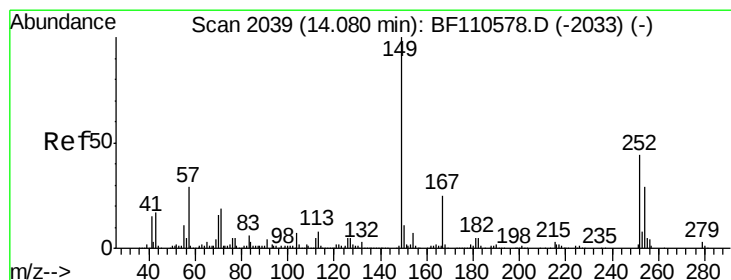
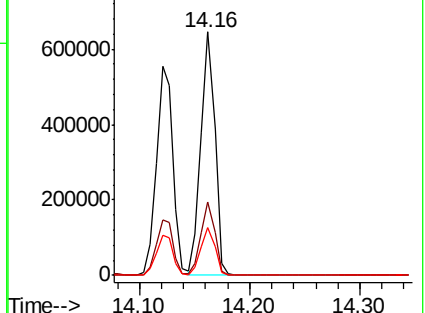
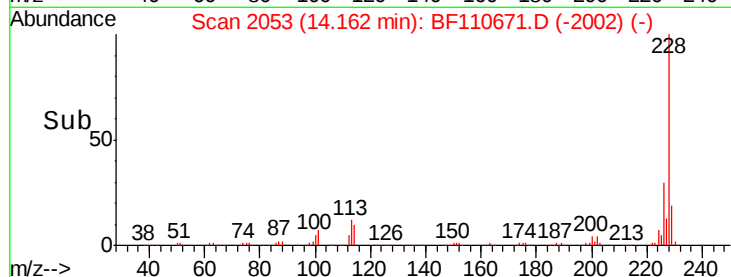
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.704 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

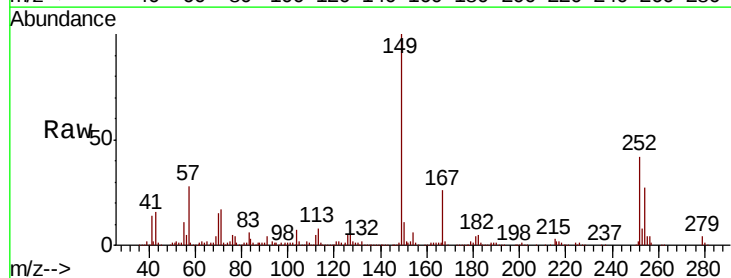
Tgt Ion:149 Resp: 413670

Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

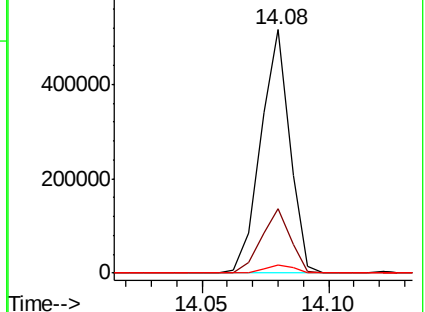
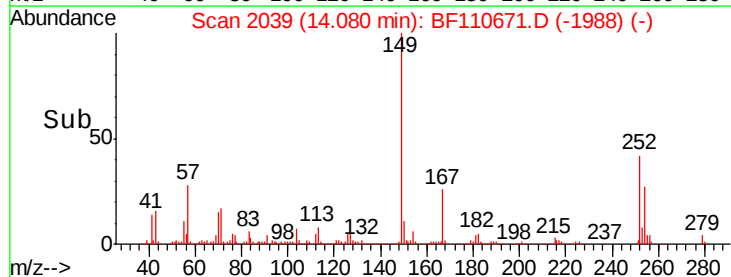
279 3.5 2.7 4.1

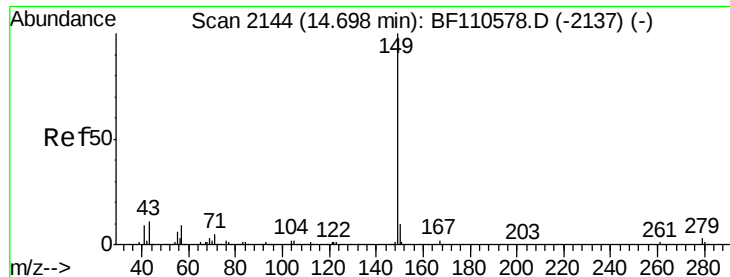


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.417 ng

RT: 14.70 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

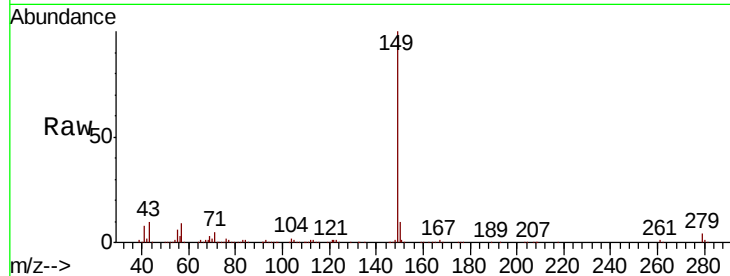
Tot Ion:149 Resp: 647882

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

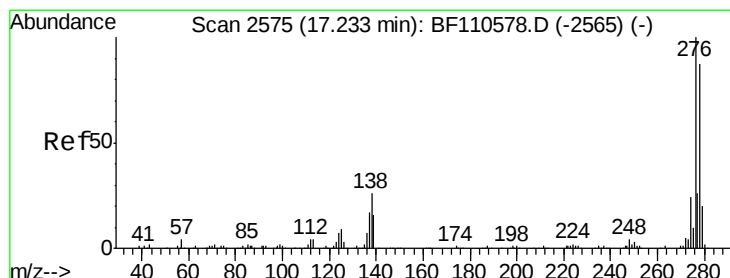
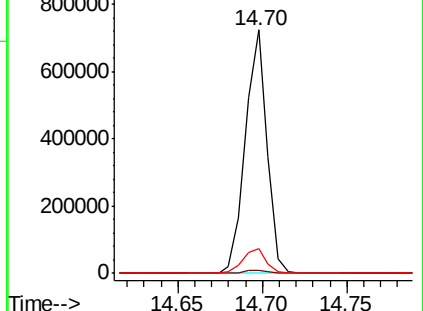
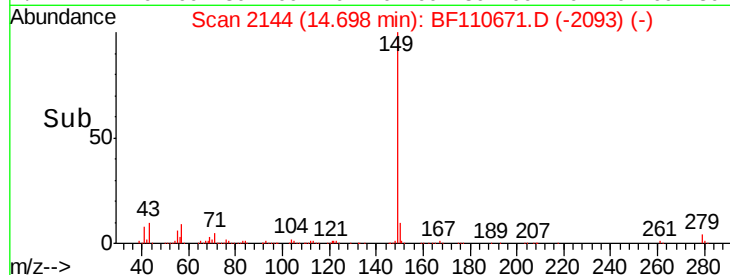
43 10.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.286 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

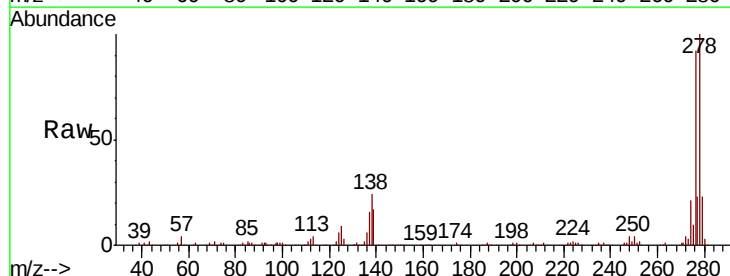
Tgt Ion:276 Resp: 377467

Ion Ratio Lower Upper

276 100

138 25.9 18.5 27.7

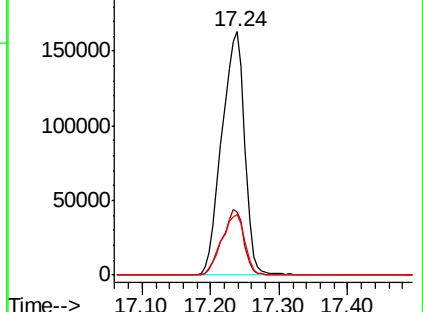
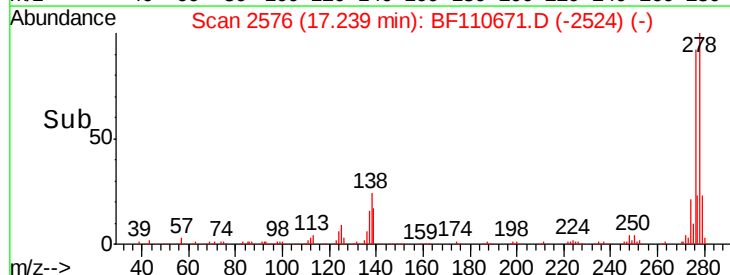
277 25.0 20.0 30.0

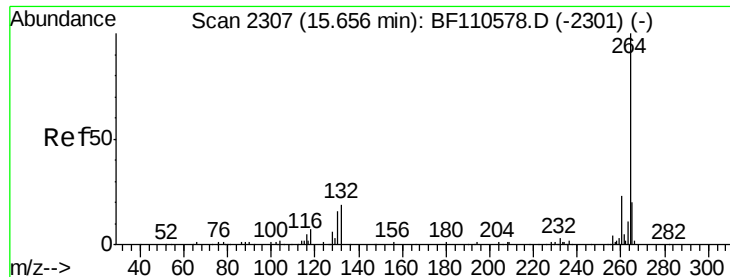


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

Instrument :

BNA_F

ClientSampleId :

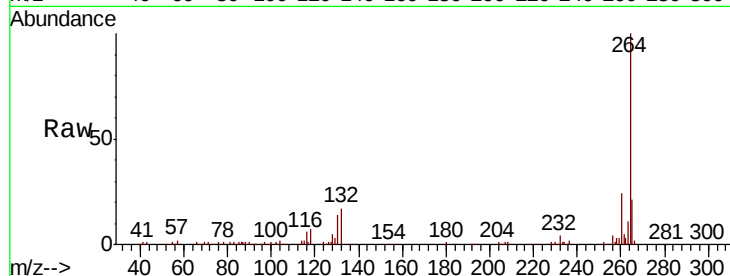
Tot Ion:264 Resp: 172087

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

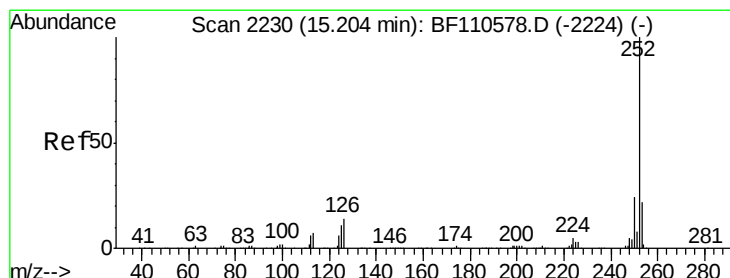
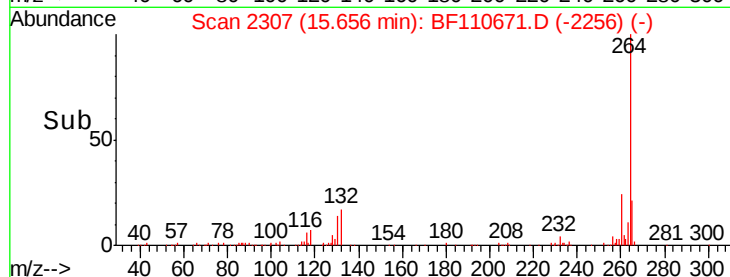
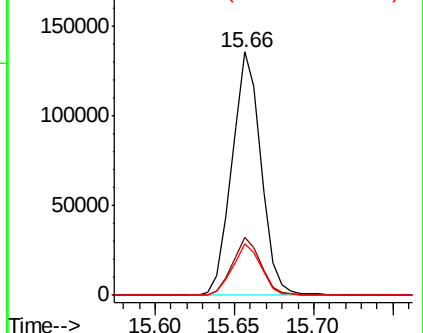
265 21.1 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.860 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF110671.D

Acq: 12 Nov 2018 13:43

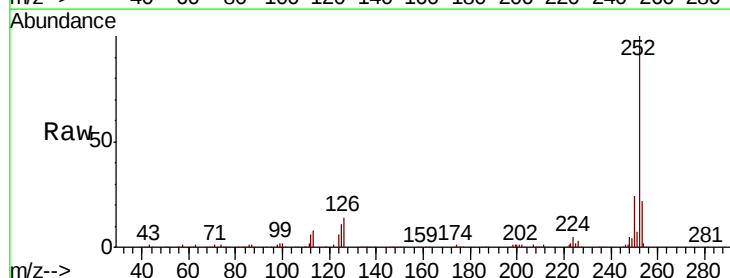
Tgt Ion:252 Resp: 430937

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

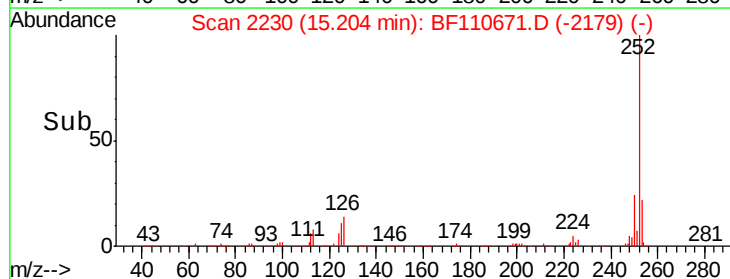
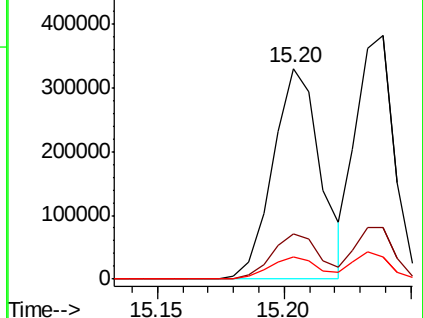
125 10.8 8.2 12.4

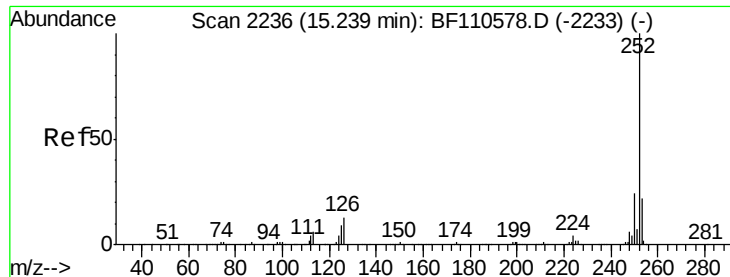


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

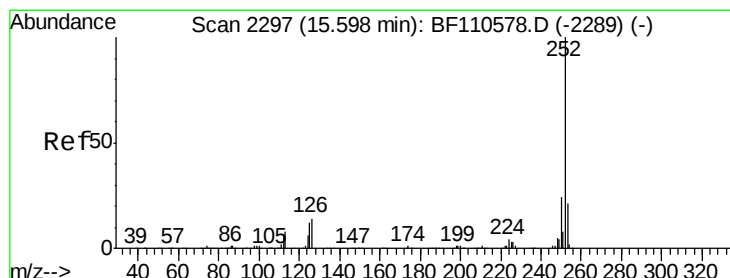
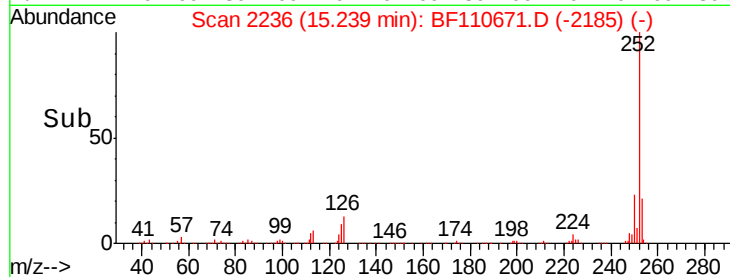
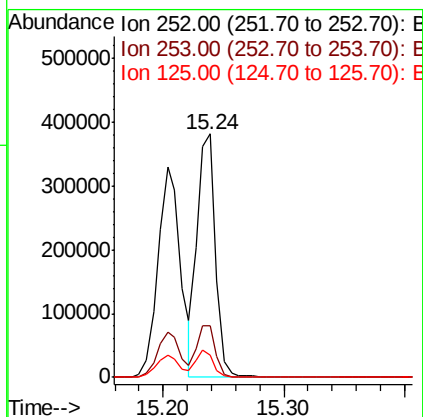
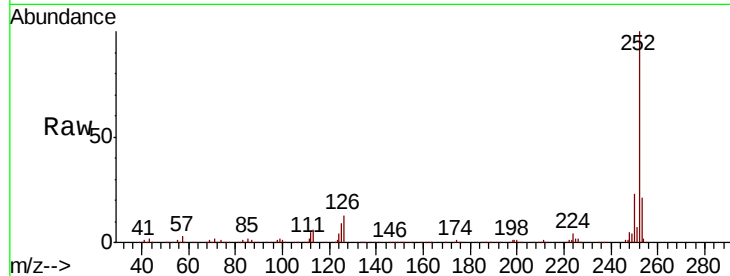




#89
Benzo(k)fluoranthene
Concen: 39.621 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

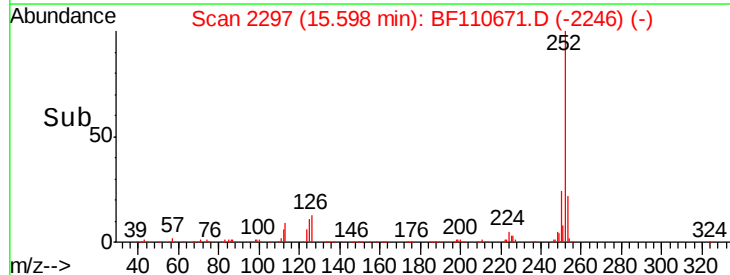
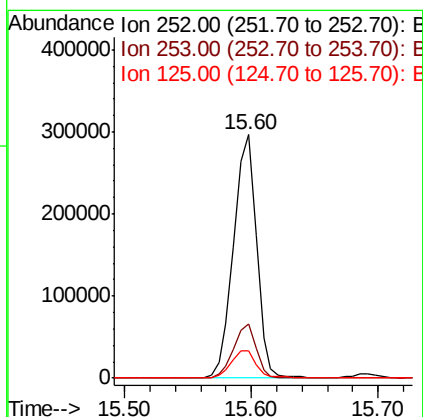
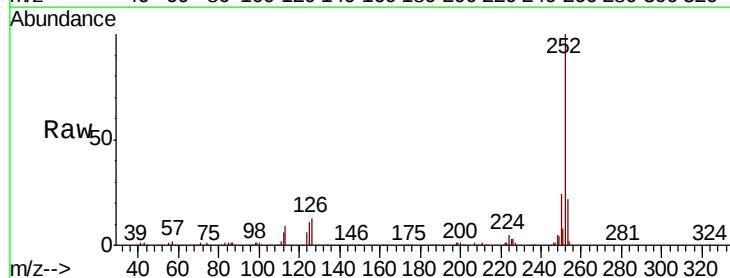
Instrument :
BNA_F
ClientSampled :

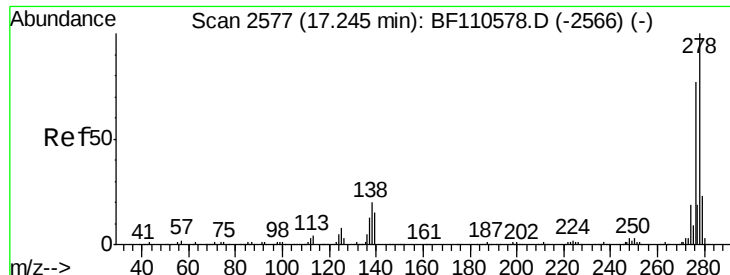
Tot Ion:252 Resp: 403047
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 9.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.875 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:252 Resp: 372978
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.0 9.0 13.6



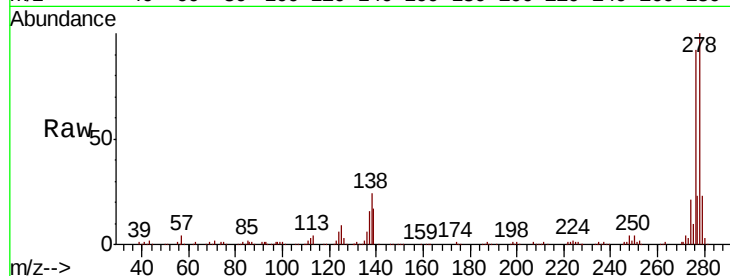


#91
Dibenzo(a,h)anthracene
Concen: 39.781 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

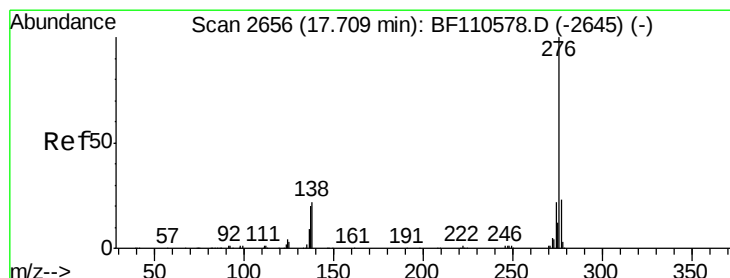
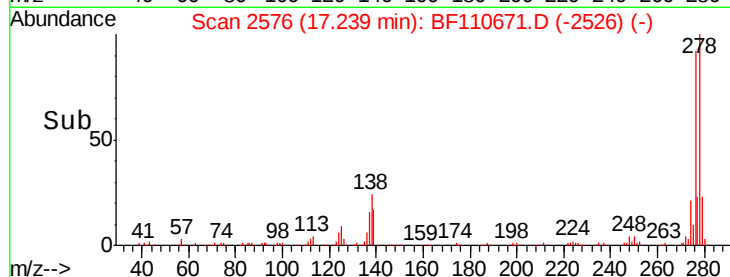
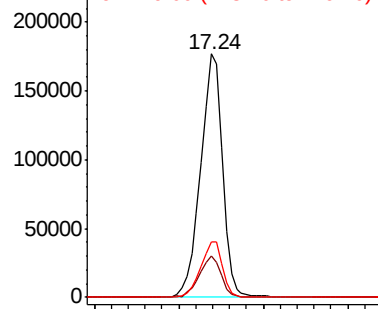
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 314886

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.7	19.1
279	22.7	19.0	28.4



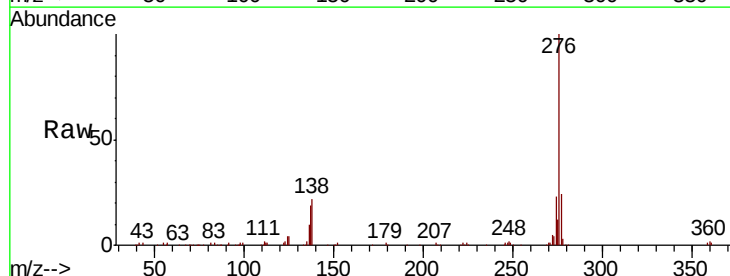
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.646 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BF110671.D
Acq: 12 Nov 2018 13:43

Tgt Ion:276 Resp: 311365

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	22.4	16.0	24.0



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

