

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109698.D
 Acq On : 9 Oct 2018 16:42
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 18:11:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99404	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	417155	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	200345	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	389319	20.00	ng	0.00
75) Chrysene-d12	13.83	240	284184	20.00	ng	0.00
86) Perylene-d12	15.23	264	225831	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	465527	83.13	ng	0.00
7) Phenol-d6	6.35	99	603996	80.74	ng	0.00
23) Nitrobenzene-d5	7.27	82	606427	80.13	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	176328	80.77	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1116508	76.75	ng	0.00
78) Terphenyl-d14	12.79	244	1114117	75.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	122910	41.819	ng	99
3) Pyridine	3.09	79	239281	39.462	ng	98
4) n-Nitrosodimethylamine	3.03	42	86388	39.471	ng	96
6) Aniline	6.37	93	362575	41.605	ng	91
8) 2-Chlorophenol	6.49	128	282872	41.071	ng	95
9) Benzaldehyde	6.25	77	193540	40.203	ng	99
10) Phenol	6.36	94	325281	37.918	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	311639	43.819	ng	99
12) 1,3-Dichlorobenzene	6.64	146	314209	39.887	ng	98
13) 1,4-Dichlorobenzene	6.72	146	339377	39.523	ng	99
14) 1,2-Dichlorobenzene	6.87	146	307734	40.807	ng	100
15) Benzyl Alcohol	6.85	79	220409	39.741	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	364774	38.681	ng	94
17) 2-Methylphenol	6.97	107	213111	39.128	ng	94
18) Hexachloroethane	7.20	117	118968	39.196	ng	92
19) n-Nitroso-di-n-propylamine	7.12	70	199222	37.974	ng	100
20) 3+4-Methylphenols	7.13	107	273838	40.803	ng	93
22) Acetophenone	7.12	105	398083	39.463	ng	# 98
24) Nitrobenzene	7.29	77	317362	40.302	ng	100
25) Isophorone	7.52	82	480715	38.254	ng	100
26) 2-Nitrophenol	7.60	139	152765	41.475	ng	99
27) 2,4-Dimethylphenol	7.65	122	207316	38.977	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	330683	38.903	ng	100
29) 2,4-Dichlorophenol	7.85	162	242115	40.582	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	260396	39.427	ng	97
31) Naphthalene	8.00	128	747693	38.756	ng	100
32) Benzoic acid	7.80	122	121957	32.070	ng	94
33) 4-Chloroaniline	8.06	127	335565	39.498	ng	99
34) Hexachlorobutadiene	8.12	225	158763	38.662	ng	99
35) Caprolactam	8.44	113	72029	40.427	ng	93
36) 4-Chloro-3-methylphenol	8.55	107	253980	40.329	ng	98
37) 2-Methylnaphthalene	8.69	142	492790	38.995	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	268874	39.426	ng	100
40) Hexachlorocyclopentadiene	8.85	237	95598	36.334	ng	98

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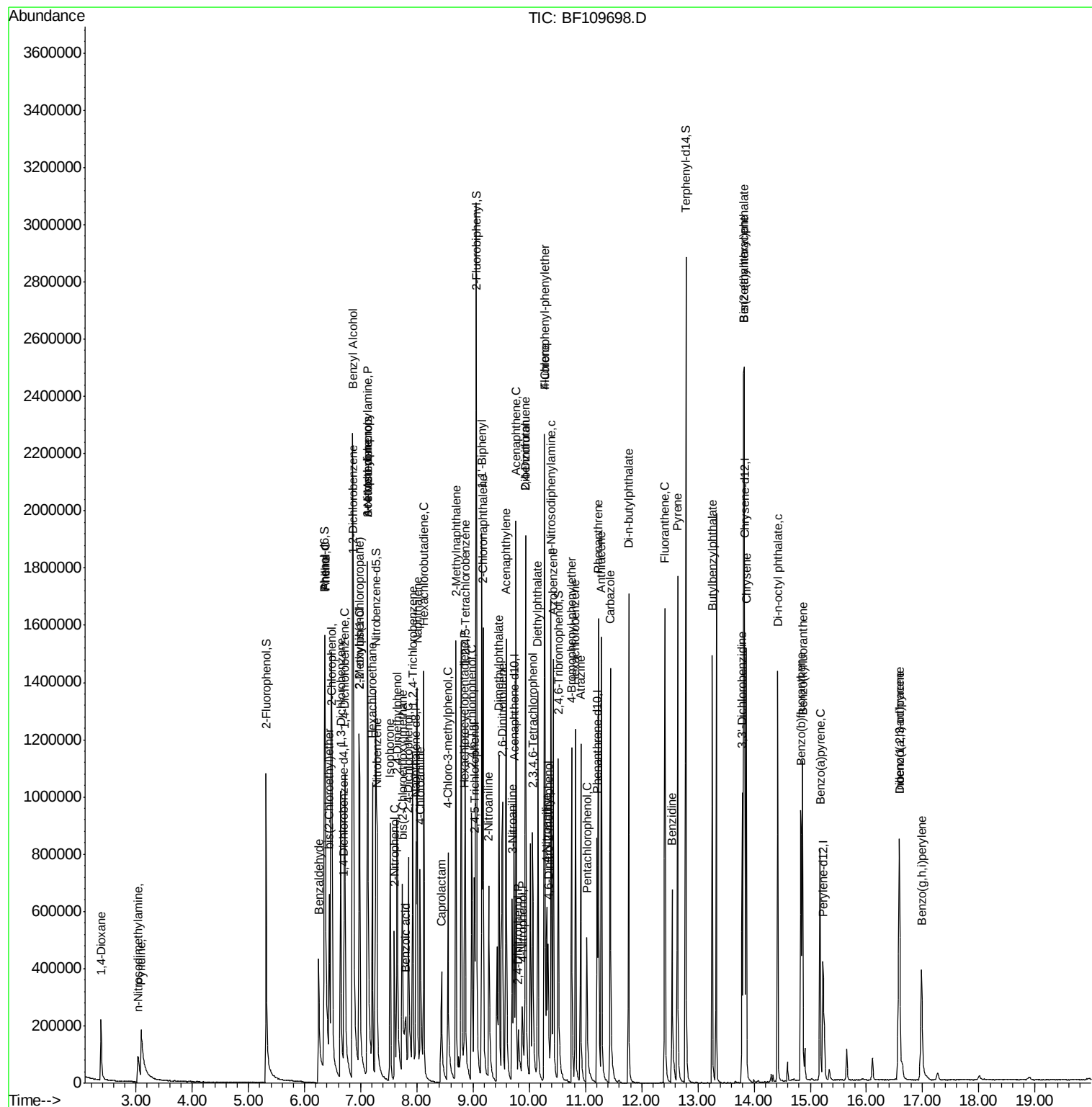
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	156029	38.272	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	186812	39.853	ng	99
45) 1,1'-Biphenyl	9.16	154	697548	38.974	ng	100
46) 2-Chloronaphthalene	9.18	162	520163	38.792	ng	100
47) 2-Nitroaniline	9.28	65	163917	40.373	ng	98
48) Acenaphthylene	9.59	152	760515	38.904	ng	100
49) Dimethylphthalate	9.46	163	575326	39.155	ng	99
50) 2,6-Dinitrotoluene	9.52	165	127105	39.907	ng	98
51) Acenaphthene	9.76	154	440707	38.030	ng	99
52) 3-Nitroaniline	9.69	138	145267	40.688	ng	100
53) 2,4-Dinitrophenol	9.80	184	37208	36.208	ng	# 88
54) Dibenzofuran	9.93	168	679246	39.103	ng	100
55) 4-Nitrophenol	9.87	139	66969	34.268	ng	98
56) 2,4-Dinitrotoluene	9.93	165	161755	40.695	ng	94
57) Fluorene	10.27	166	502614	38.746	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	153360	40.247	ng	97
59) Diethylphthalate	10.15	149	574136	39.437	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	267604	39.103	ng	98
61) 4-Nitroaniline	10.31	138	140268	42.423	ng	99
62) Azobenzene	10.43	77	587814	39.761	ng	100
64) 4,6-Dinitro-2-methylphenol	10.34	198	69804	36.838	ng	99
65) n-Nitrosodiphenylamine	10.39	169	501404	37.991	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	171225	38.277	ng	98
67) Hexachlorobenzene	10.82	284	184088	38.004	ng	# 91
68) Atrazine	10.92	200	158120	38.389	ng	99
69) Pentachlorophenol	11.02	266	102776	37.706	ng	97
70) Phenanthrene	11.23	178	743955	38.185	ng	99
71) Anthracene	11.28	178	794569	39.452	ng	100
72) Carbazole	11.44	167	767982	39.316	ng	100
73) Di-n-butylphthalate	11.77	149	876700	38.697	ng	99
74) Fluoranthene	12.41	202	792936	38.958	ng	99
76) Benzidine	12.54	184	379456	35.944	ng	98
77) Pyrene	12.64	202	805643	38.693	ng	100
79) Butylbenzylphthalate	13.26	149	358461	39.709	ng	100
80) Benzo(a)anthracene	13.82	228	594484	37.908	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	251931	39.896	ng	99
82) Chrysene	13.86	228	635791	38.597	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	435964	39.585	ng	99
84) Di-n-octyl phthalate	14.42	149	690716	39.678	ng	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	454516	38.550	ng	100
87) Benzo(b)fluoranthene	14.83	252	503395	40.337	ng	99
88) Benzo(k)fluoranthene	14.86	252	480624	38.330	ng	99
89) Benzo(a)pyrene	15.17	252	442848	39.103	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	377821	40.621	ng	98
91) Benzo(g,h,i)perylene	16.98	276	382365	41.168	ng	98

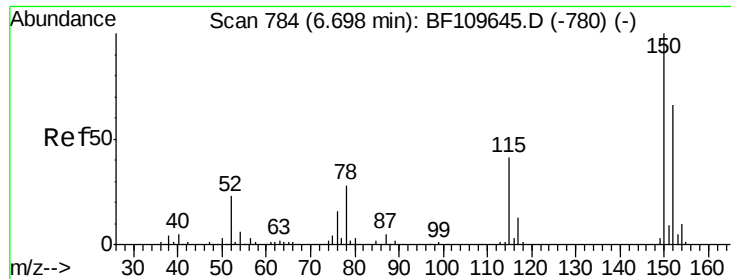
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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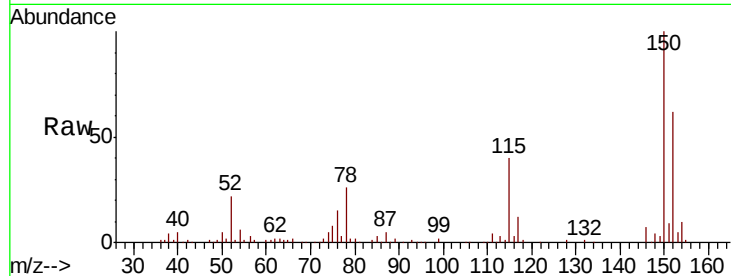


#1

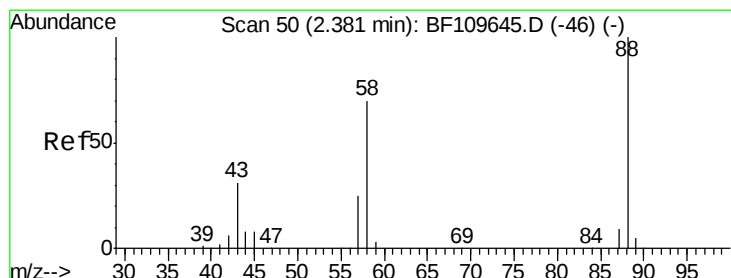
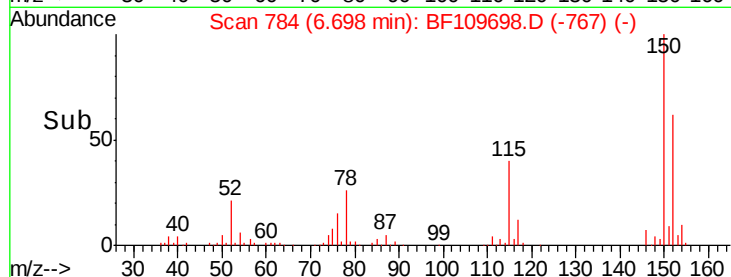
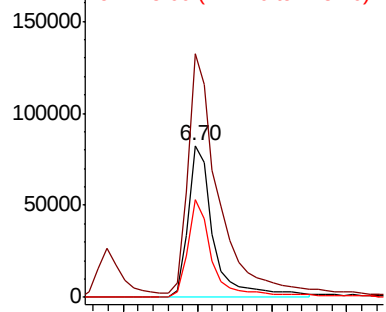
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99404
Ion Ratio Lower Upper
152 100
150 160.5 122.7 184.1
115 64.0 49.1 73.7



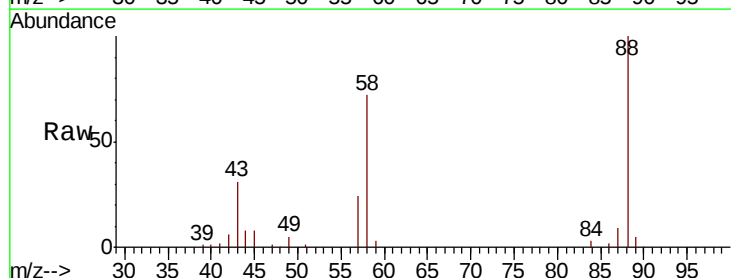
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



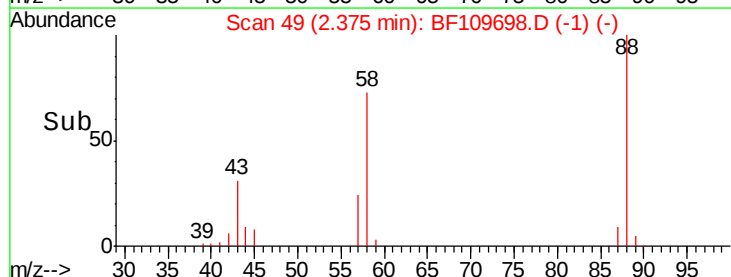
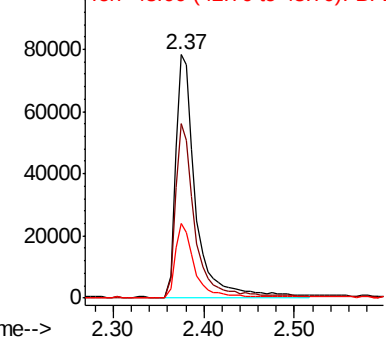
#2

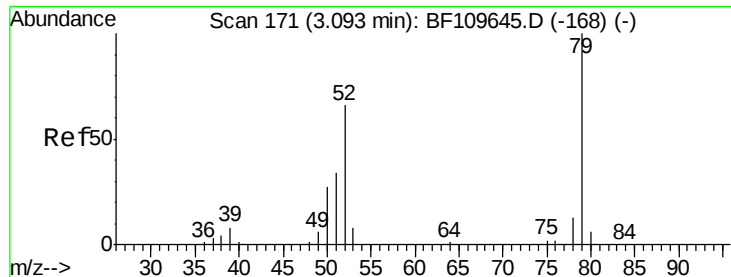
1,4-Dioxane
Concen: 41.819 ng
RT: 2.37 min Scan# 49
Delta R.T. -0.01 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion: 88 Resp: 122910
Ion Ratio Lower Upper
88 100
58 70.1 57.1 85.7
43 29.8 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.462 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

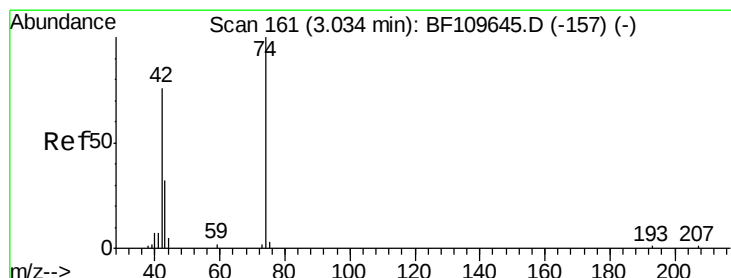
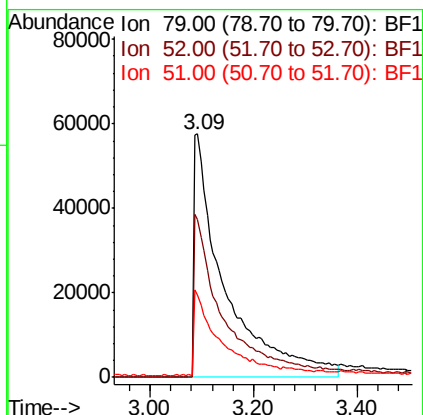
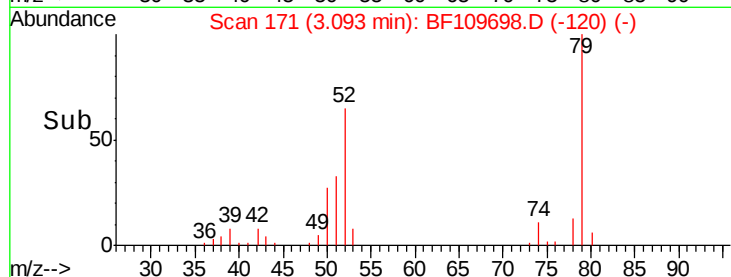
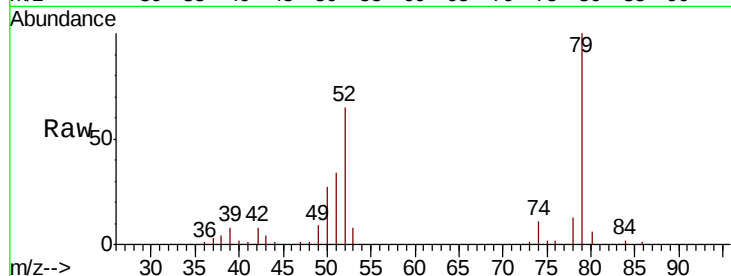
Tot Ion: 79 Resp: 239281

Ion Ratio Lower Upper

79 100

52 64.9 53.1 79.7

51 33.6 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 39.471 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

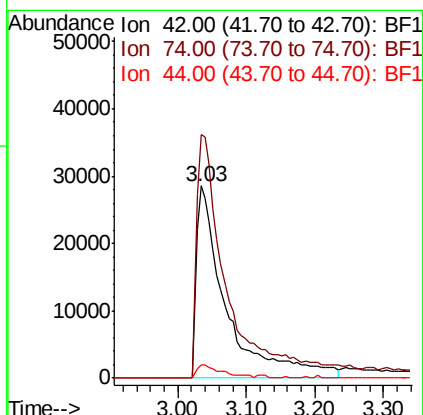
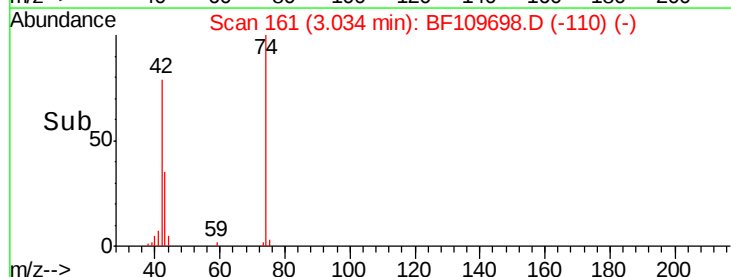
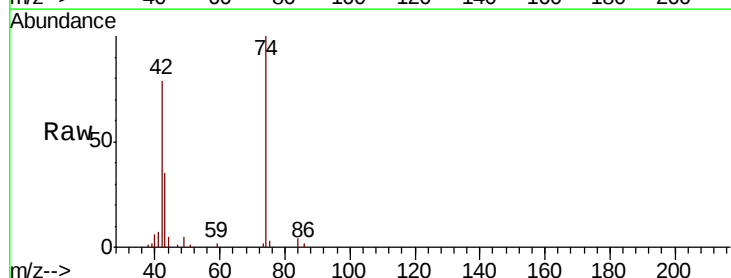
Tgt Ion: 42 Resp: 86388

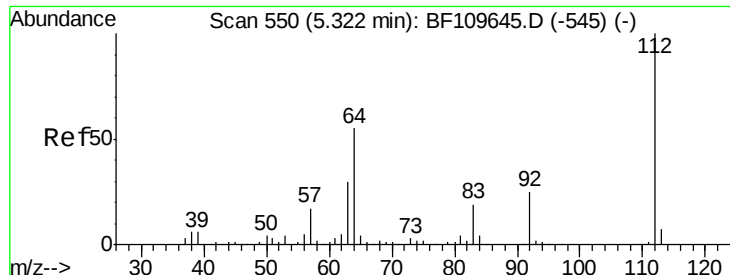
Ion Ratio Lower Upper

42 100

74 126.7 105.5 158.3

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 83.128 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

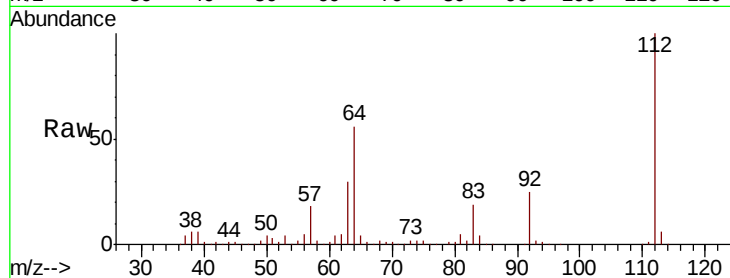
Tot Ion:112 Resp: 465527

Ion Ratio Lower Upper

112 100

64 56.4 44.1 66.1

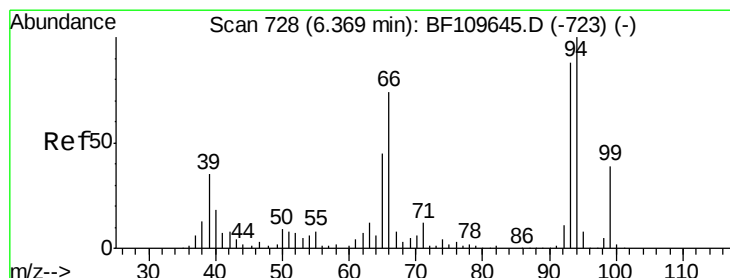
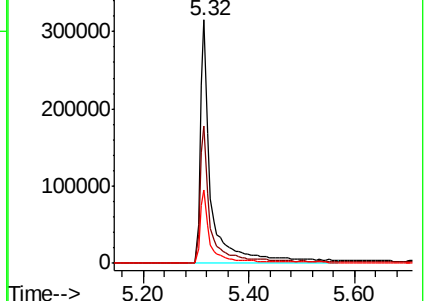
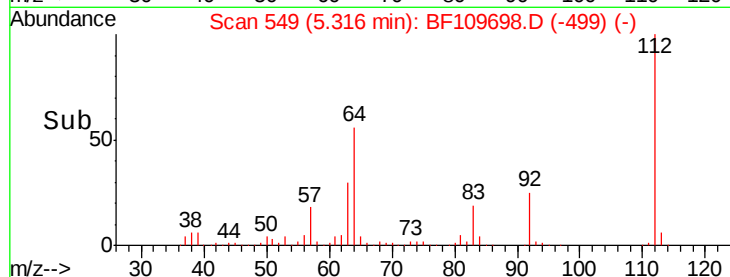
63 30.2 23.7 35.5



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: 41.605 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

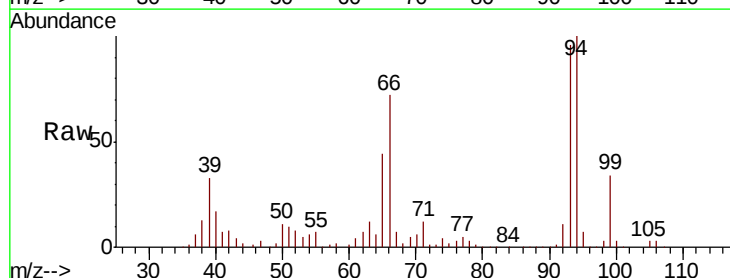
Tgt Ion: 93 Resp: 362575

Ion Ratio Lower Upper

93 100

66 74.9 67.4 101.0

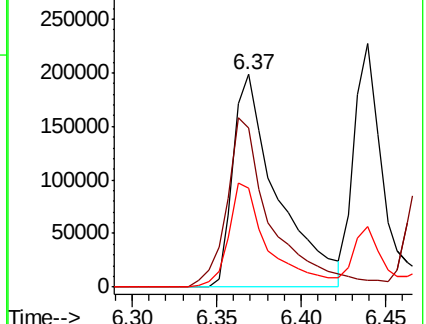
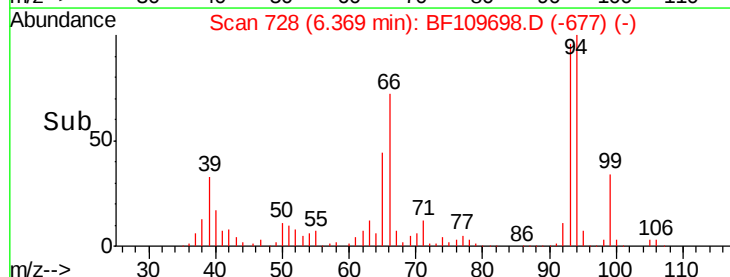
65 46.5 41.0 61.4

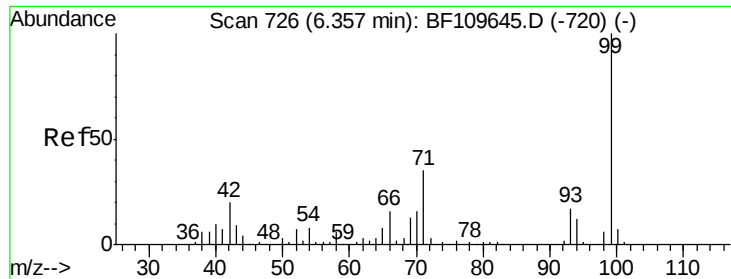


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.736 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

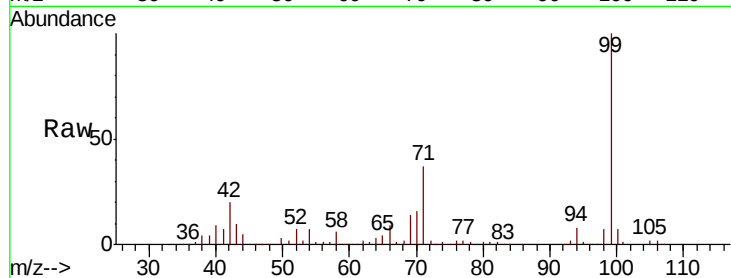
Tot Ion: 99 Resp: 603996

Ion Ratio Lower Upper

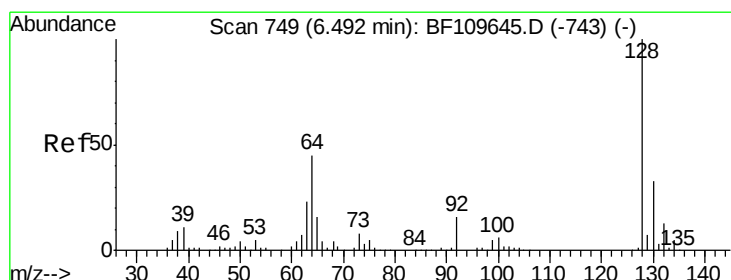
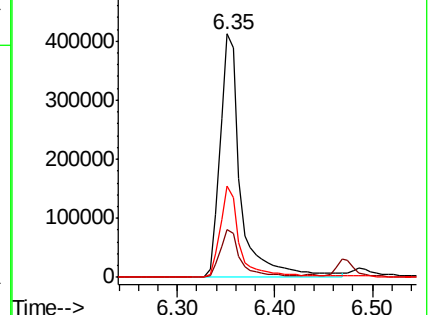
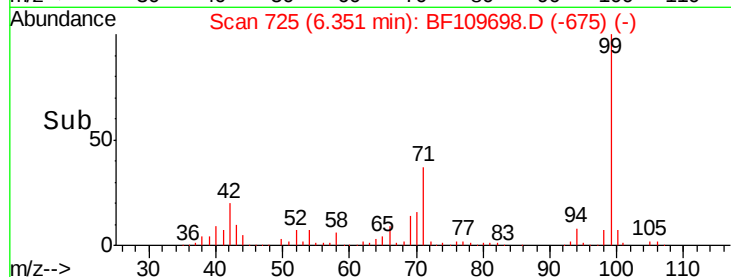
99 100

42 19.7 15.8 23.6

71 37.3 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: 41.071 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

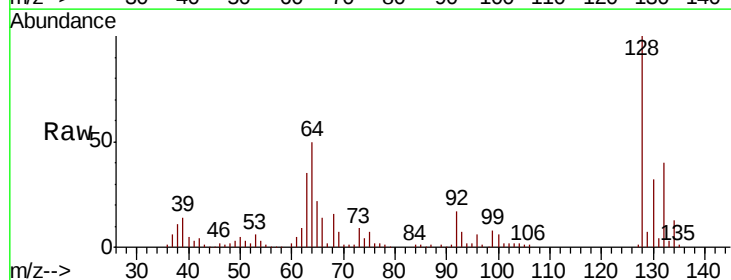
Tgt Ion:128 Resp: 282872

Ion Ratio Lower Upper

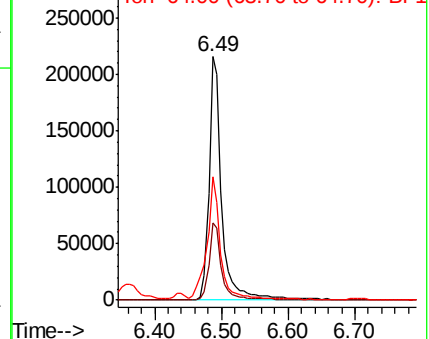
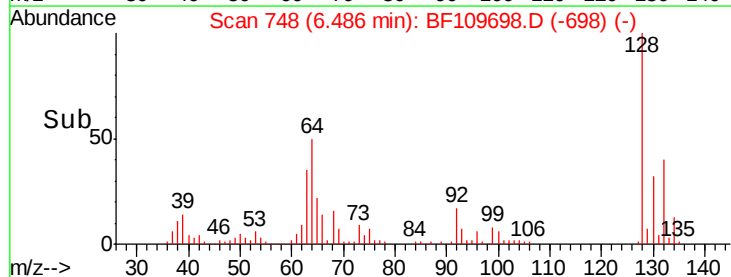
128 100

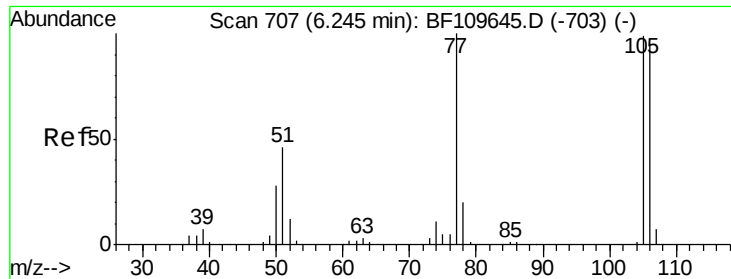
130 31.8 13.1 53.1

64 50.4 26.0 66.0



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





#9

Benzaldehyde

Concen: 40.203 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109698.D

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Instrument :

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ClientSampleId :

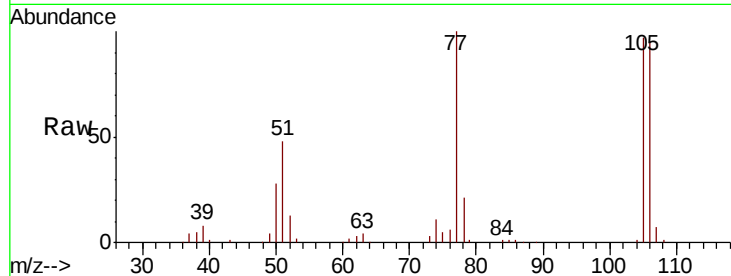
Tot Ion: 77 Resp: 193540

Ion Ratio Lower Upper

77 100

105 97.4 78.6 118.6

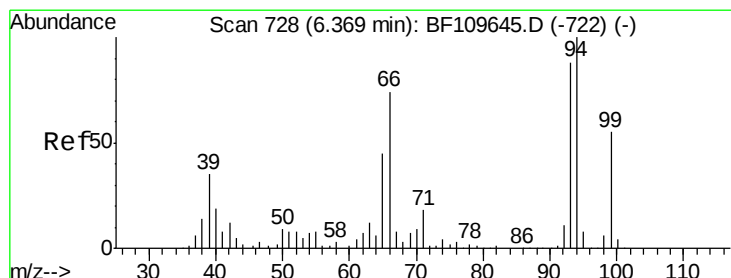
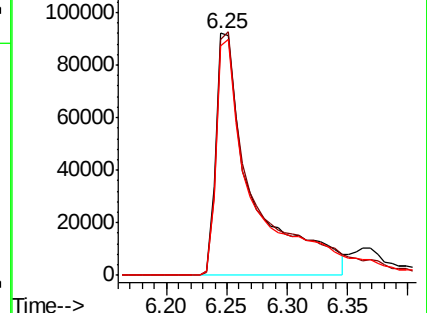
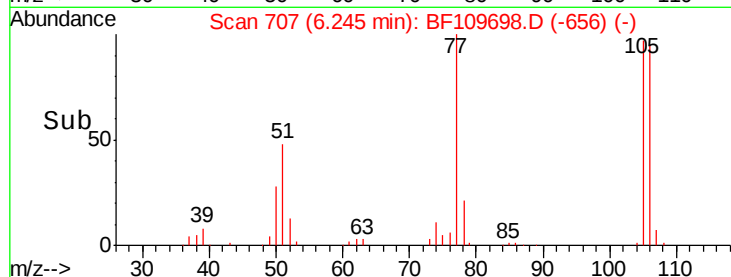
106 94.7 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.918 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

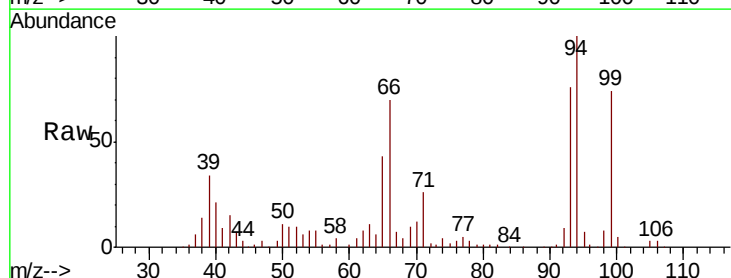
Tgt Ion: 94 Resp: 325281

Ion Ratio Lower Upper

94 100

65 43.3 25.3 65.3

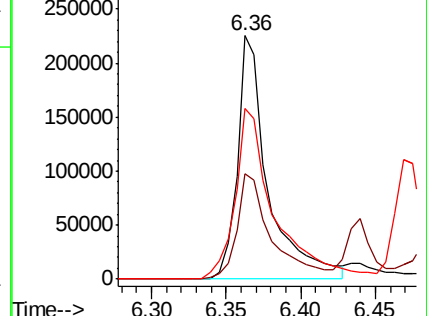
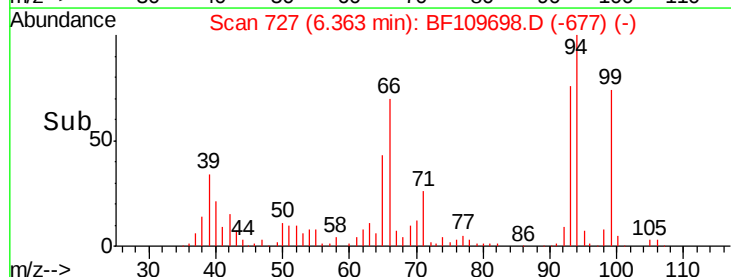
66 70.3 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



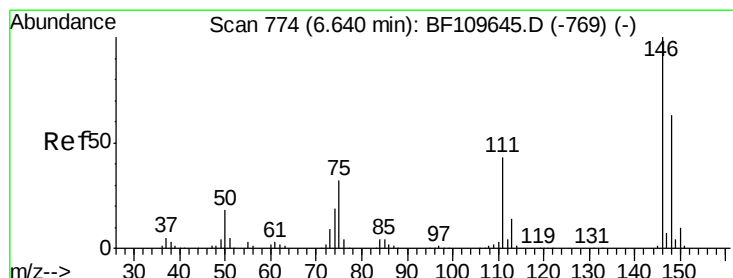
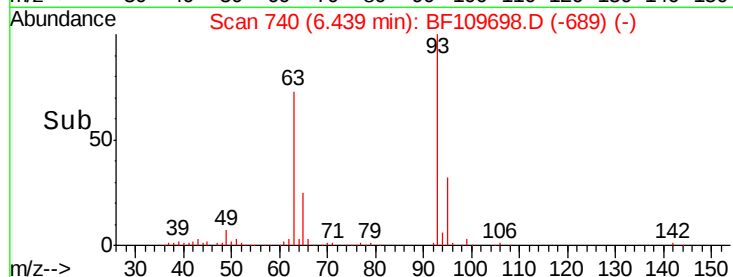
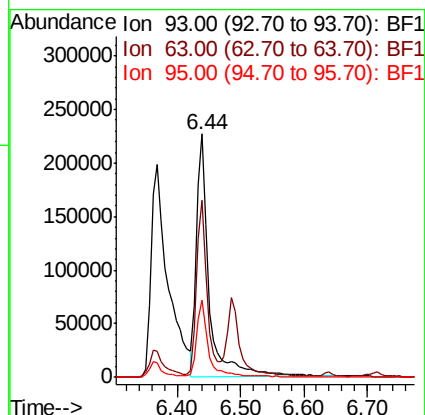
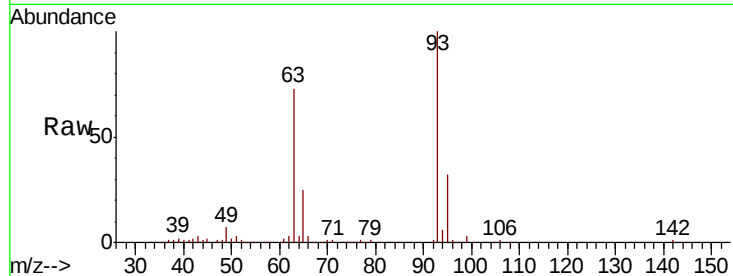


#11
 bis(2-Chloroethyl)ether
 Concen: 43.819 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 311639

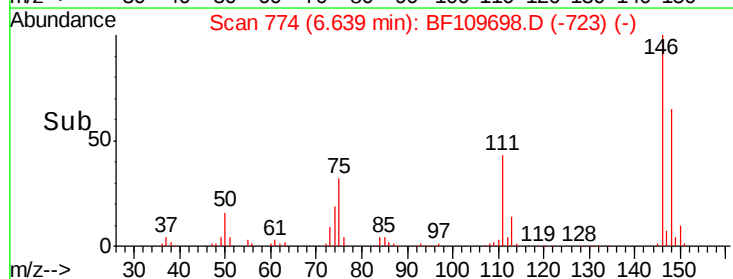
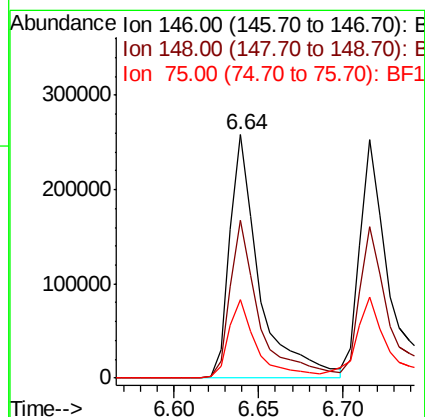
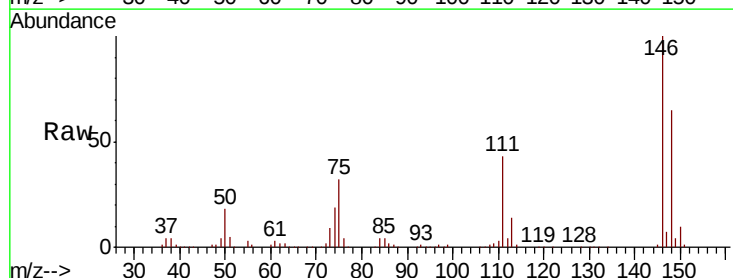
Ion	Ratio	Lower	Upper
93	100		
63	72.6	53.4	93.4
95	32.0	12.1	52.1

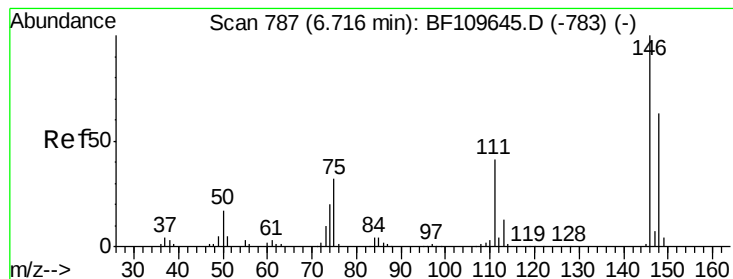


#12
 1,3-Dichlorobenzene
 Concen: 39.887 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion: 146 Resp: 314209

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
75	32.3	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 39.523 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

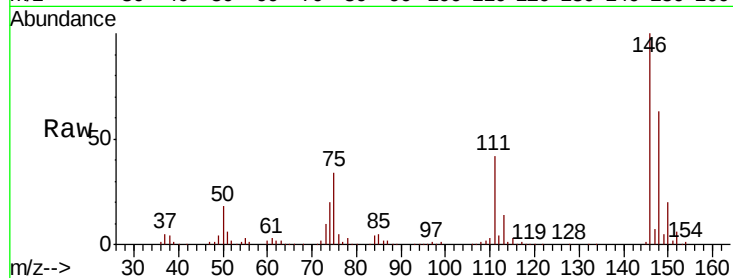
Tot Ion:146 Resp: 339377

Ion Ratio Lower Upper

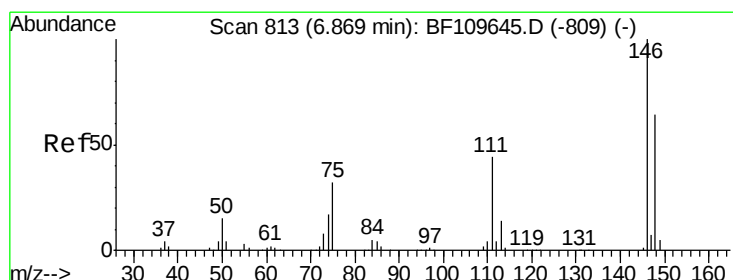
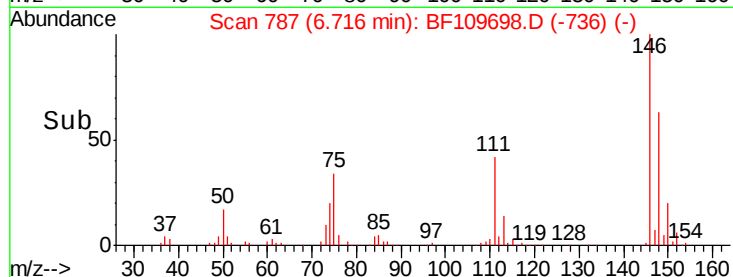
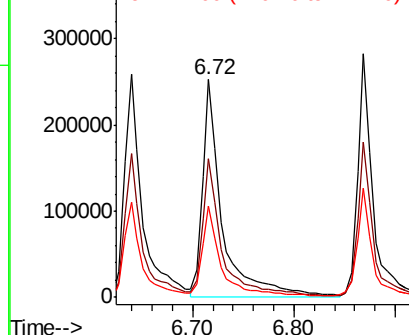
146 100

148 63.5 50.3 75.5

111 42.1 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: 40.807 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

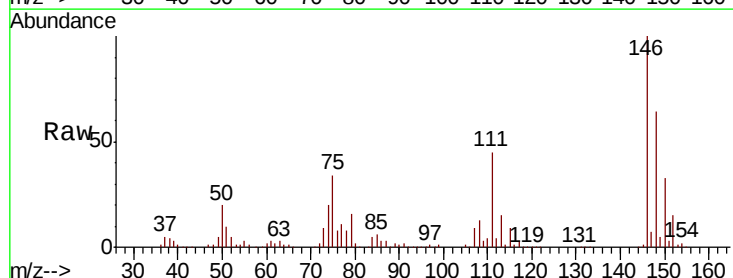
Tgt Ion:146 Resp: 307734

Ion Ratio Lower Upper

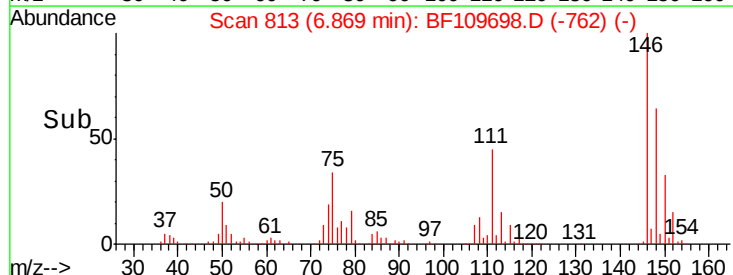
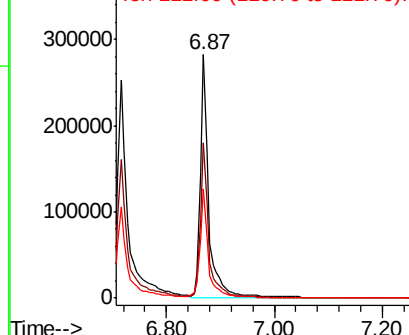
146 100

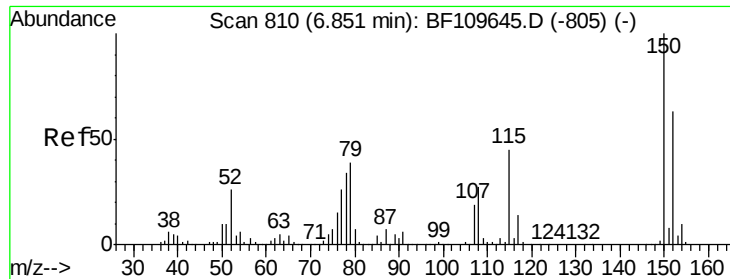
148 63.9 51.1 76.7

111 44.9 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 39.741 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

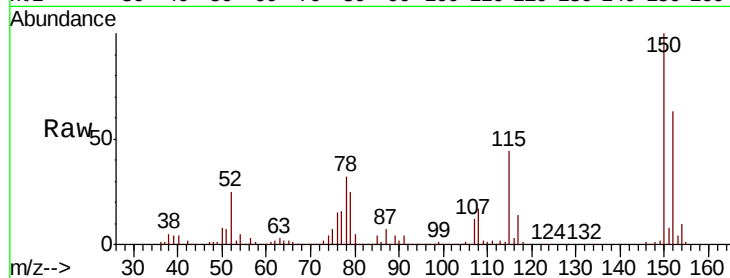
Tot Ion: 79 Resp: 220409

Ion Ratio Lower Upper

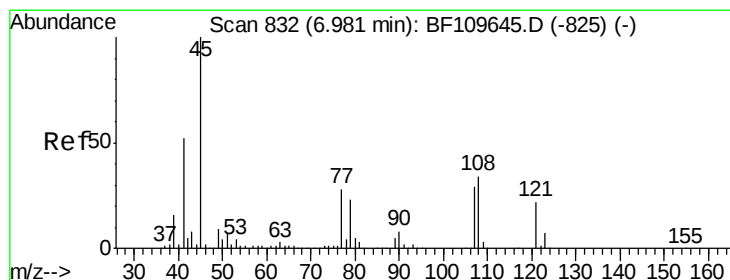
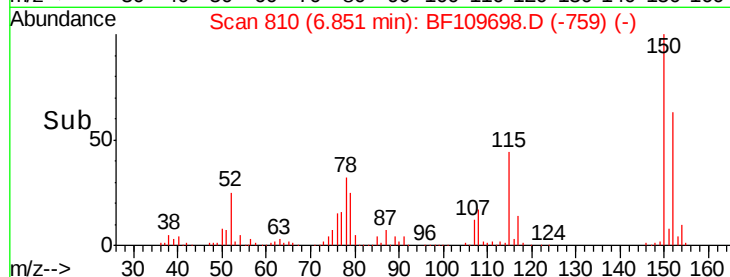
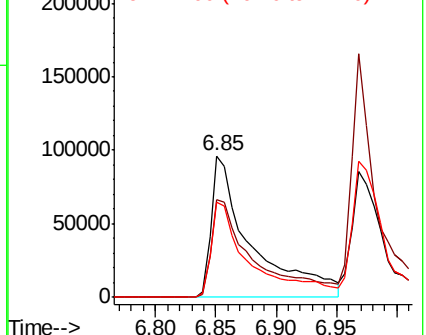
79 100

108 68.6 56.3 84.5

77 66.9 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.681 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

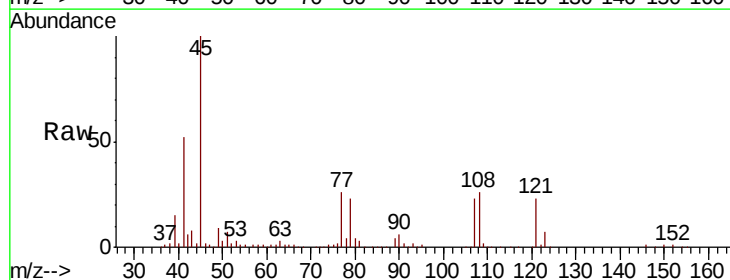
Tgt Ion: 45 Resp: 364774

Ion Ratio Lower Upper

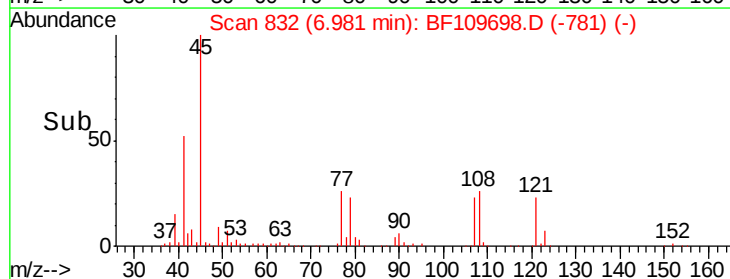
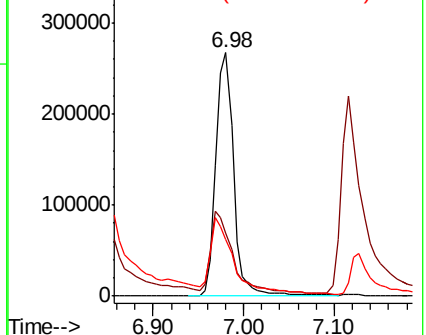
45 100

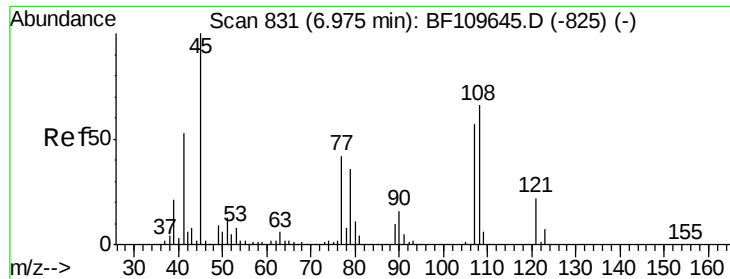
77 26.1 10.0 50.0

79 23.2 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

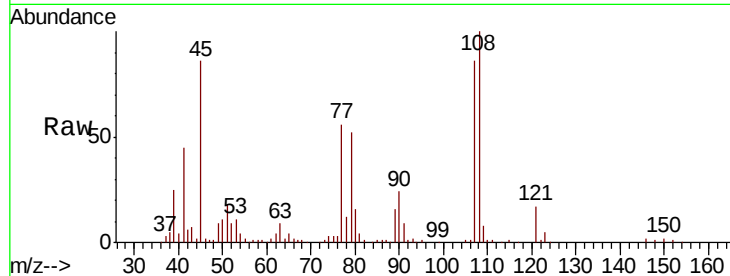




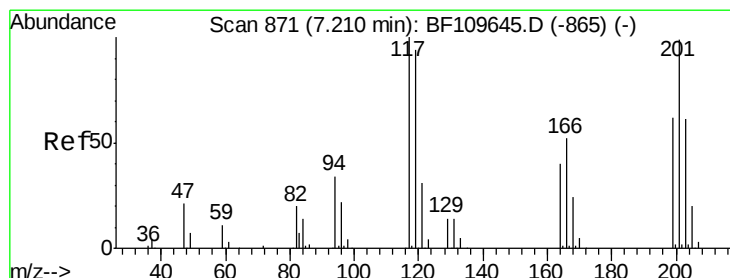
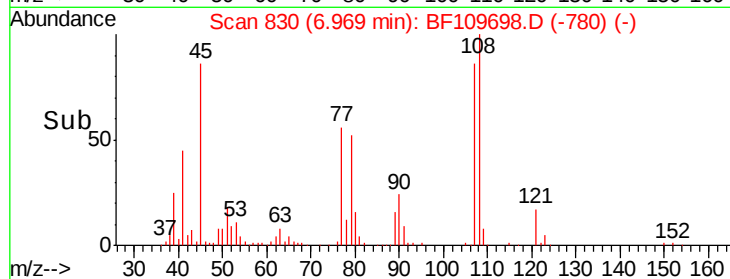
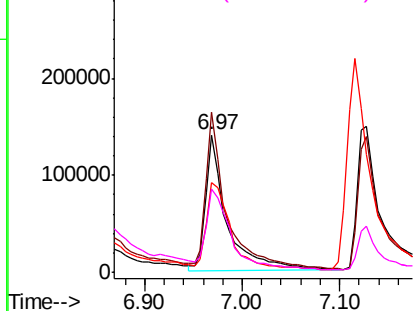
#17
2-Methylphenol
Concen: 39.128 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 213111
Ion Ratio Lower Upper
107 100
108 116.9 92.6 138.8
77 65.5 59.4 89.2
79 60.6 54.0 81.0

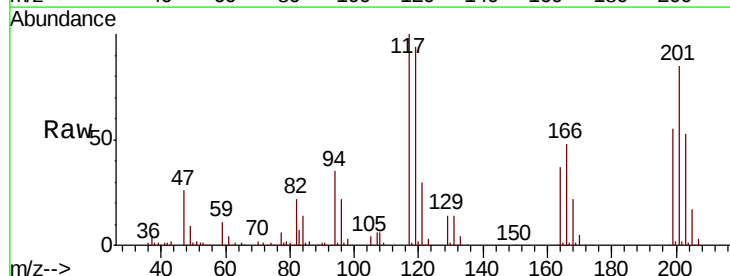


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

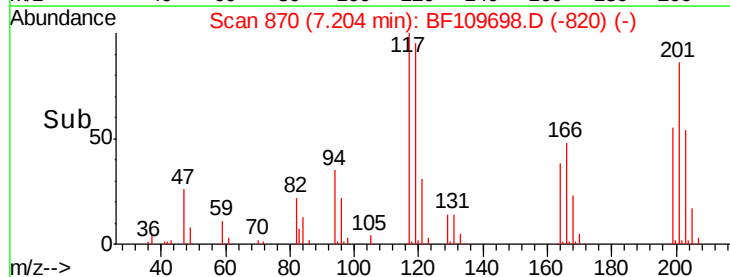
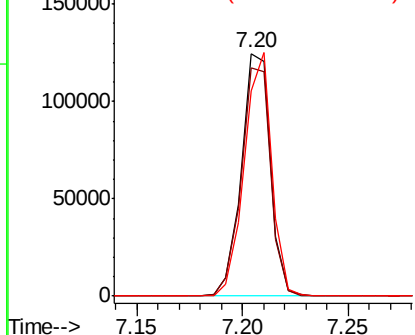


#18
Hexachloroethane
Concen: 39.196 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:117 Resp: 118968
Ion Ratio Lower Upper
117 100
119 94.2 75.0 112.6
201 84.6 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



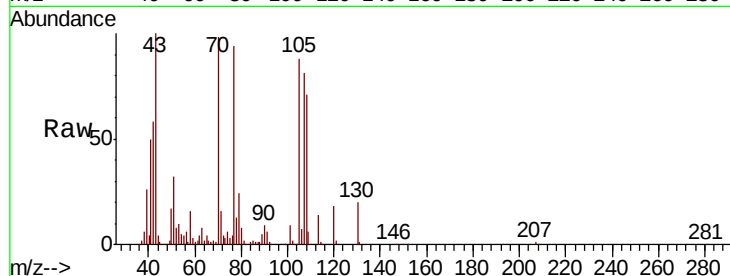


#19
n-Nitroso-di-n-propylamine
Concen: 37.974 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 199222

Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.4	71.2
101	9.1	7.3	10.9
130	20.9	16.2	24.2



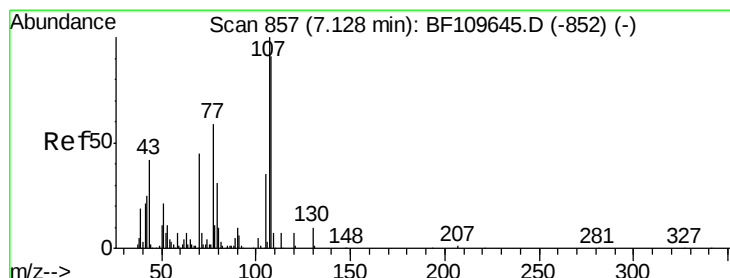
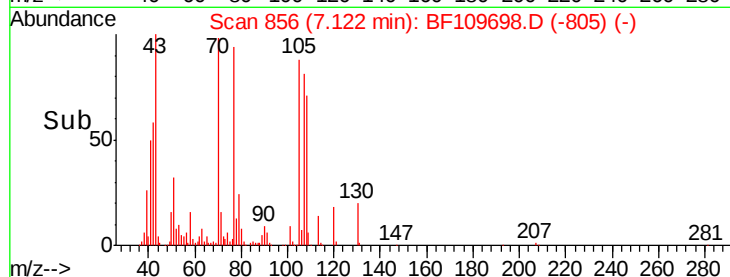
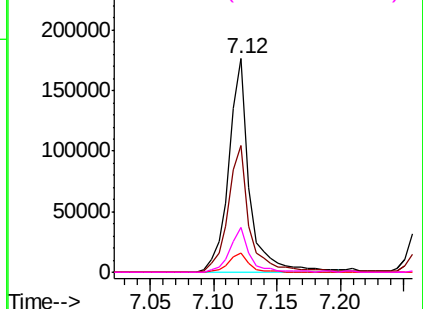
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.803 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion: 107 Resp: 273838

Ion	Ratio	Lower	Upper
107	100		
108	92.5	71.4	111.4
77	80.5	47.3	87.3
79	31.5	10.9	50.9

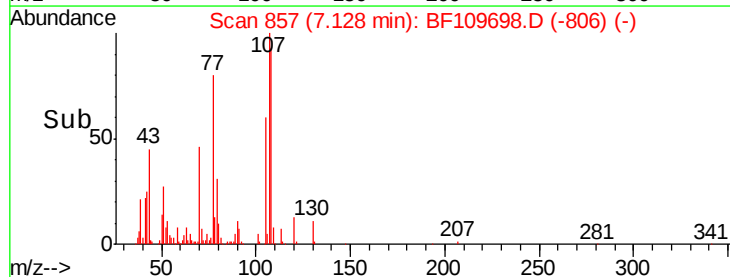
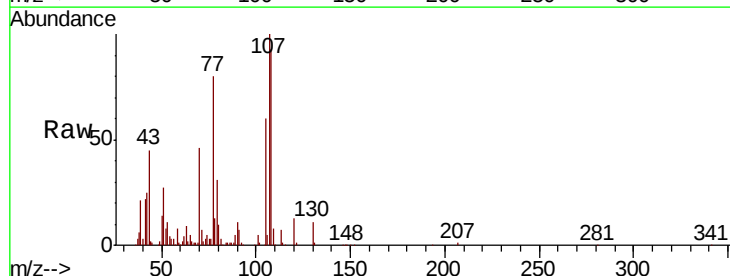
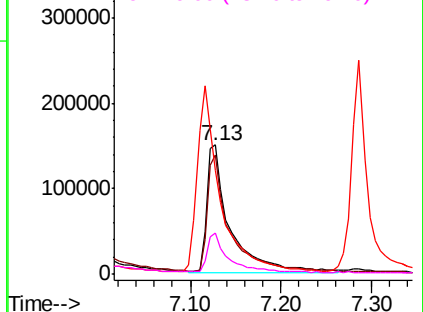
Abundance

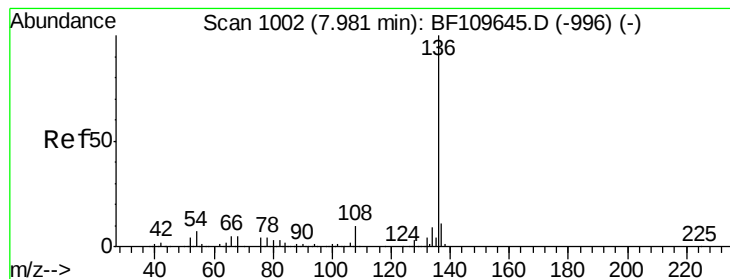
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 417155

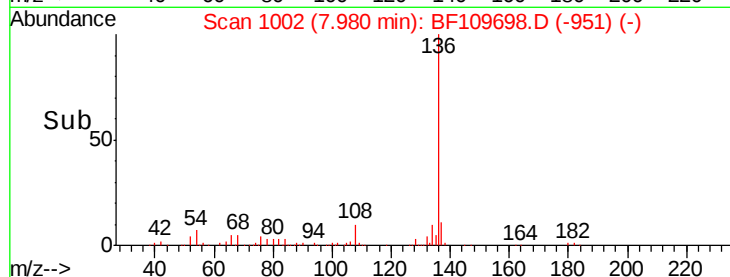
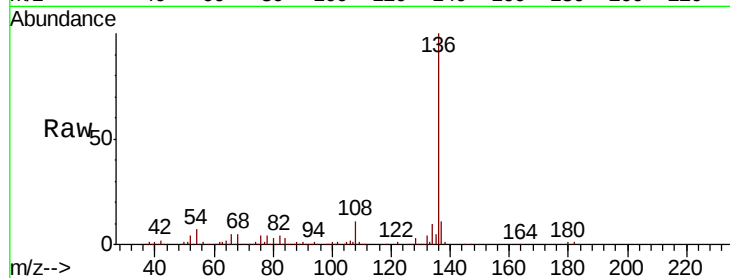
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.9 5.4 8.2

68 5.4 4.2 6.2

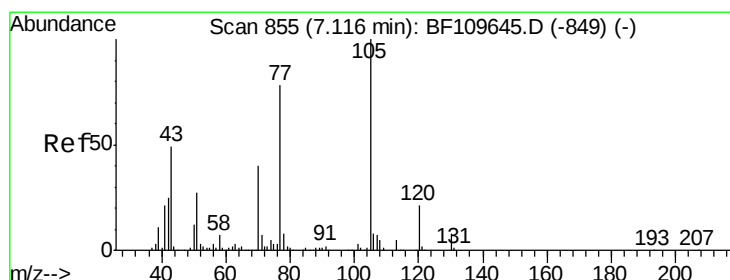
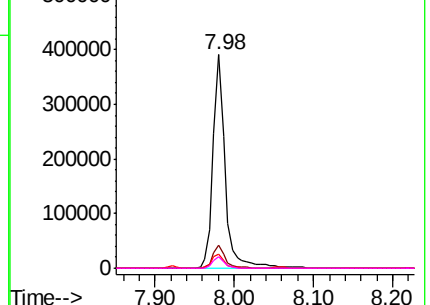


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.463 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Tgt Ion:105 Resp: 398083

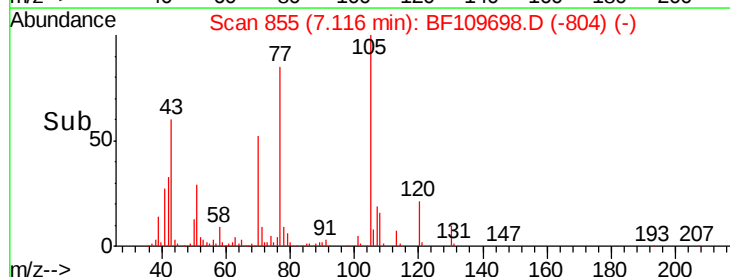
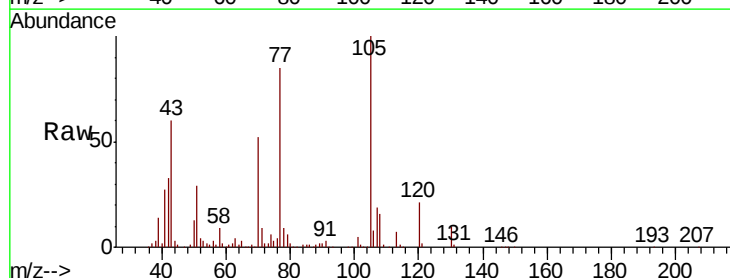
Ion Ratio Lower Upper

105 100

71 8.8 5.2 7.8#

51 28.9 21.8 32.8

120 21.4 17.0 25.4

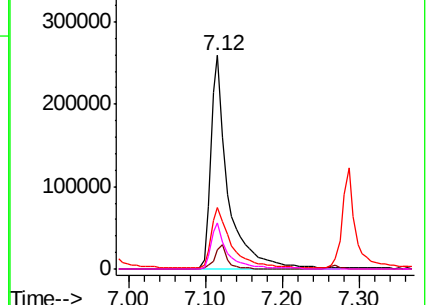


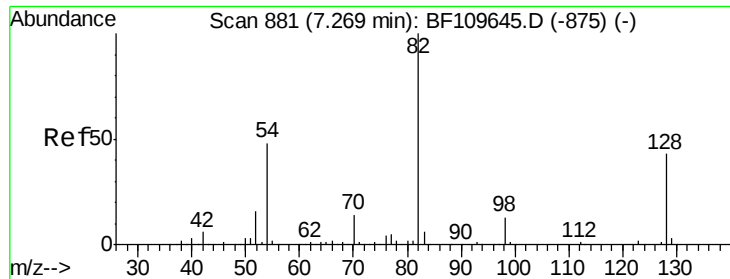
Abundance Ion 105.00 (104.70 to 105.70): E

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

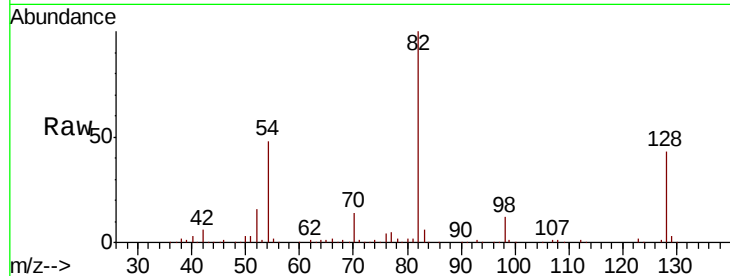




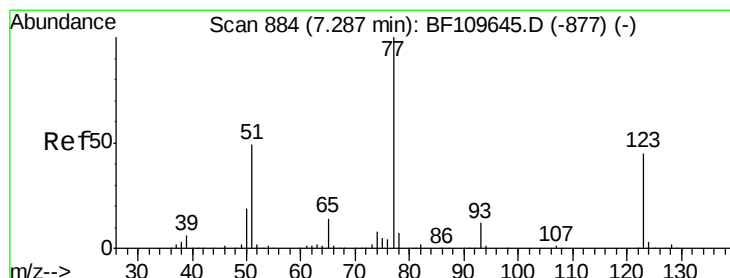
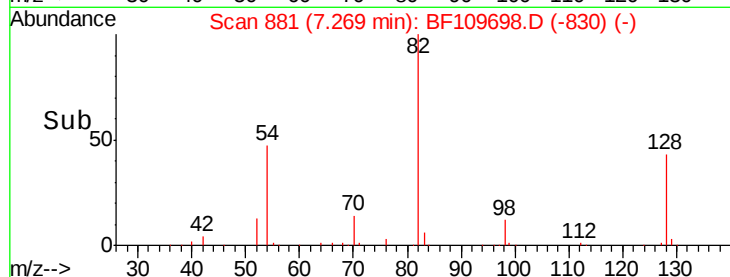
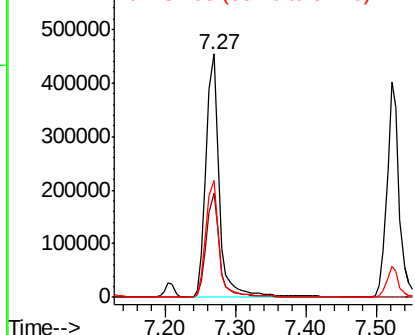
#23
 Nitrobenzene-d5
 Concen: 80.134 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 606427
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.2 51.2
 54 48.0 38.6 58.0

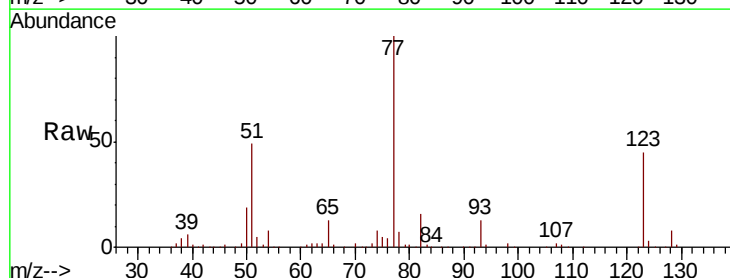


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

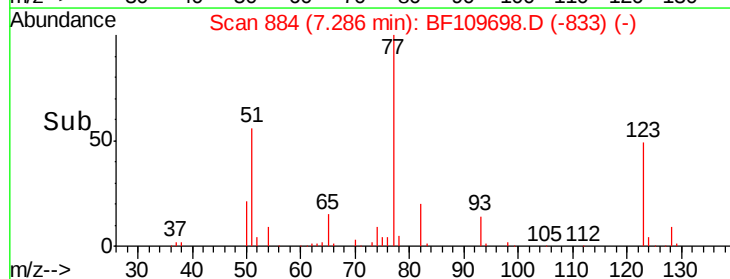
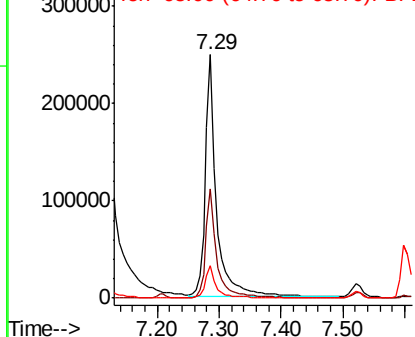


#24
 Nitrobenzene
 Concen: 40.302 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion: 77 Resp: 317362
 Ion Ratio Lower Upper
 77 100
 123 44.8 35.7 53.5
 65 13.2 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.254 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

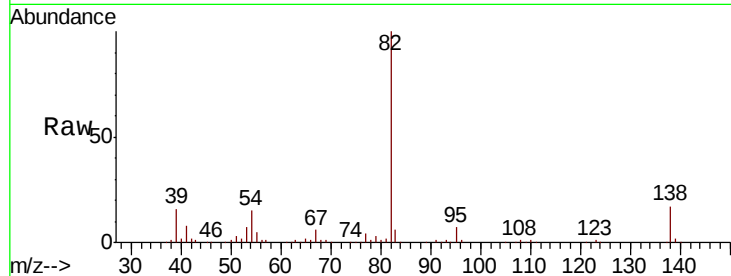
Tot Ion: 82 Resp: 480715

Ion Ratio Lower Upper

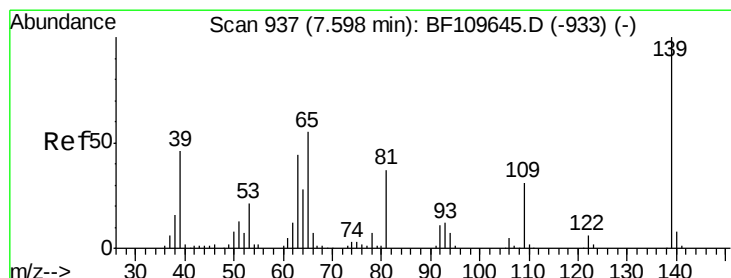
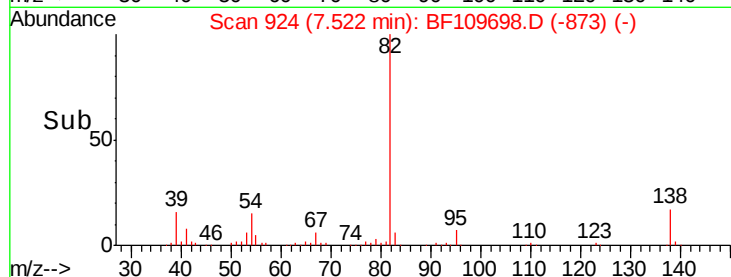
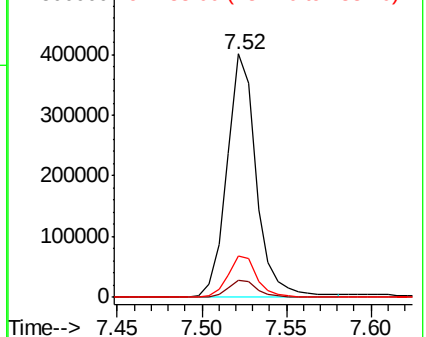
82 100

95 7.0 5.7 8.5

138 16.7 13.2 19.8



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



#26

2-Nitrophenol

Concen: 41.475 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

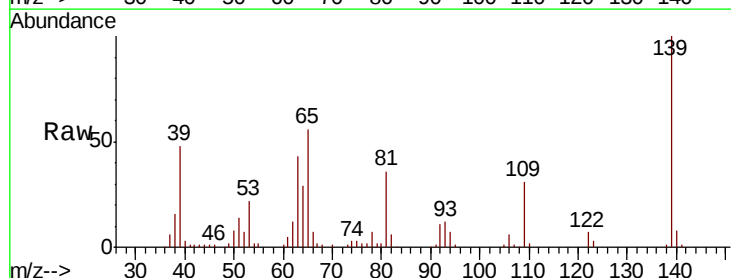
Tgt Ion: 139 Resp: 152765

Ion Ratio Lower Upper

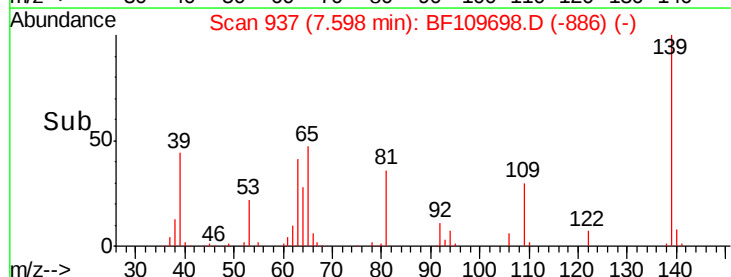
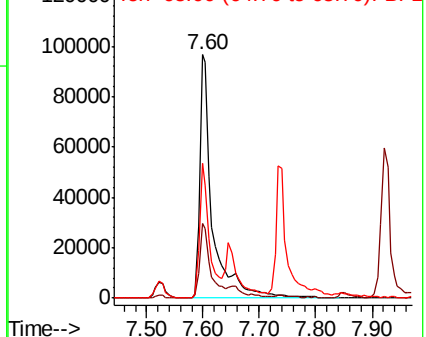
139 100

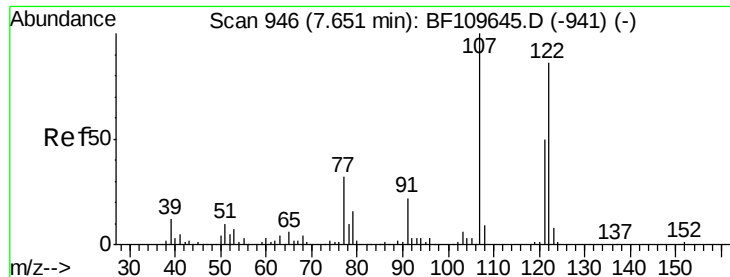
109 30.8 25.0 37.6

65 55.6 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

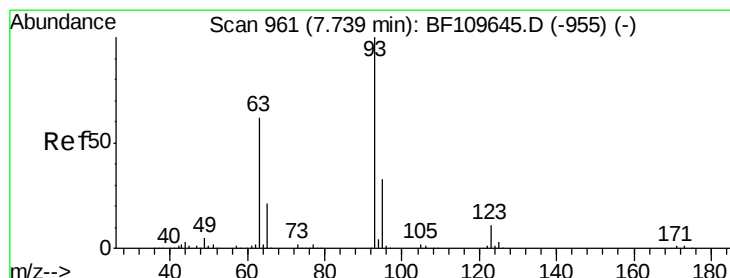
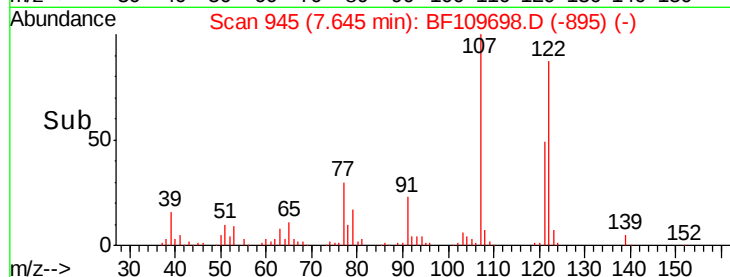
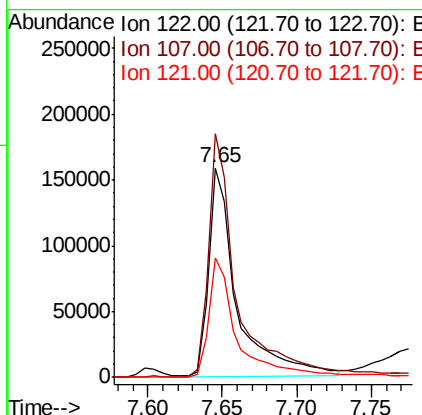
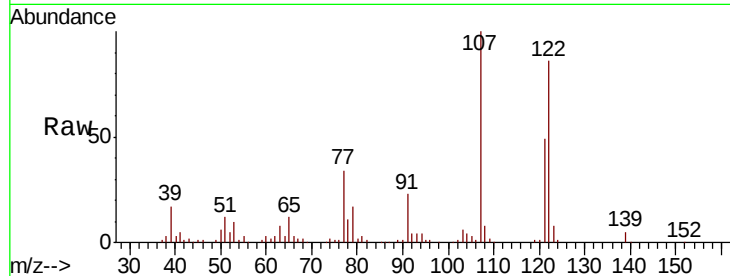




#27
 2,4-Dimethylphenol
 Concen: 38.977 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

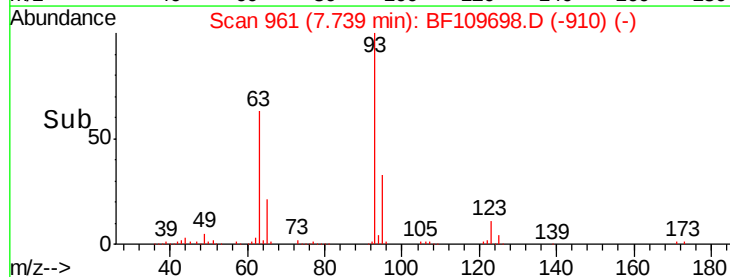
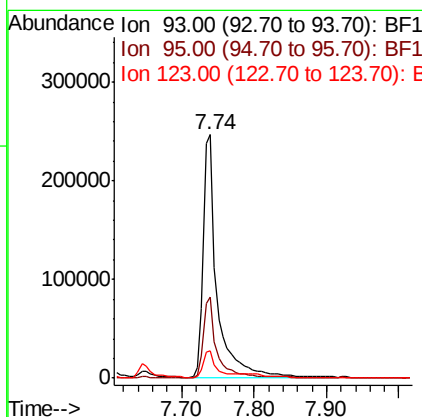
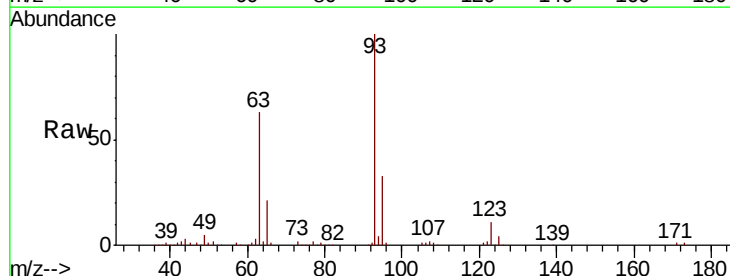
Instrument :
 BNA_F
 ClientSampled :

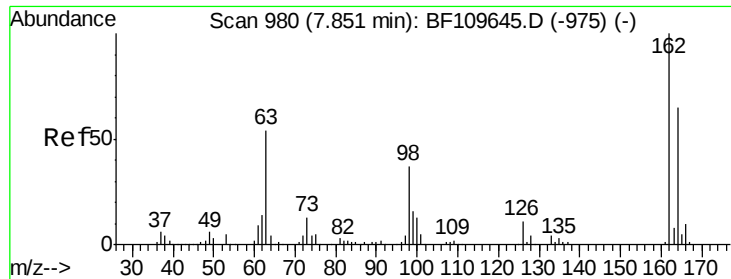
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.5	138.7
121	56.8	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.903 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.3	9.0	13.6

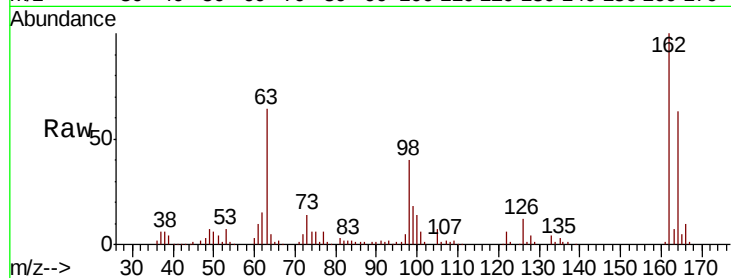




#29
2,4-Dichlorophenol
Concen: 40.582 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	40.4	17.4	57.4

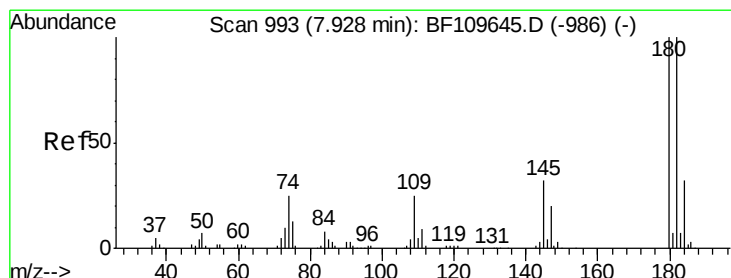
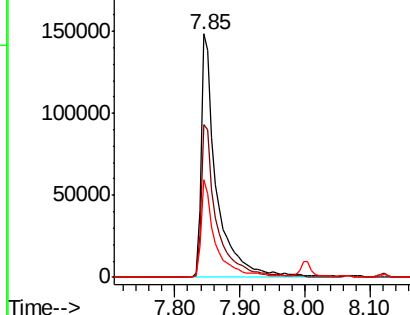
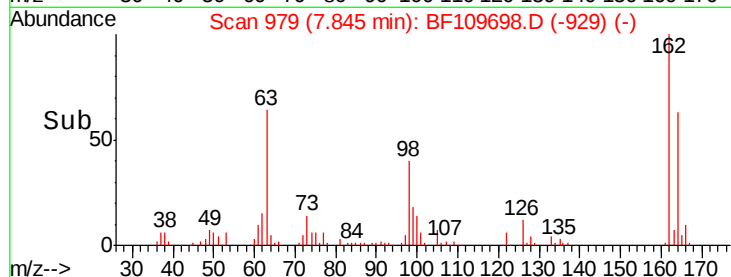


Abundance

Ion 162.00 (161.70 to 162.70): E

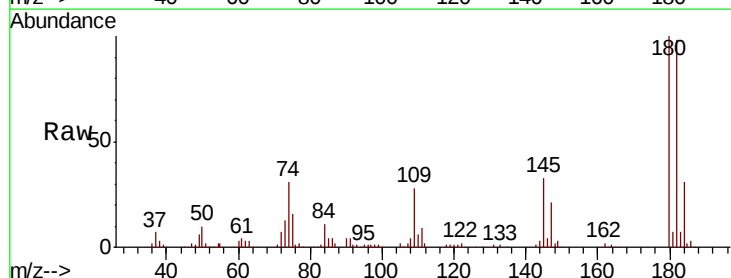
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.427 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	80.3	120.5
145	33.0	25.4	38.0

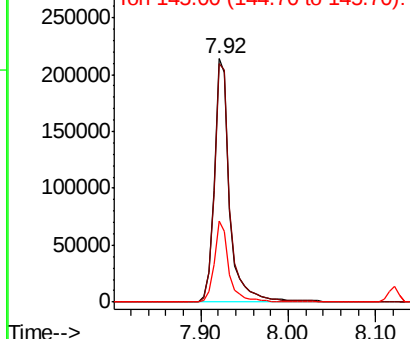
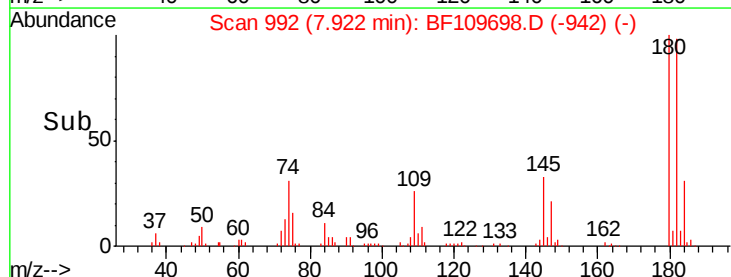


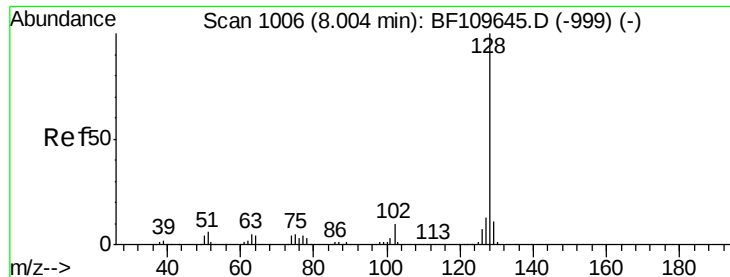
Abundance

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

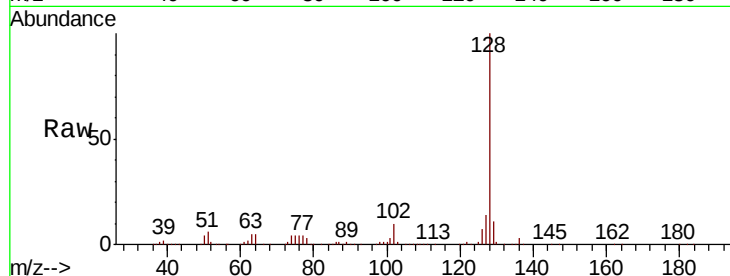




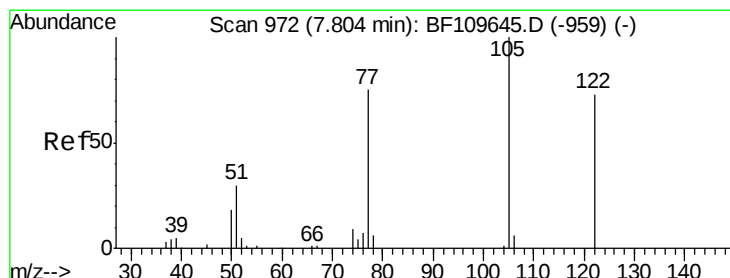
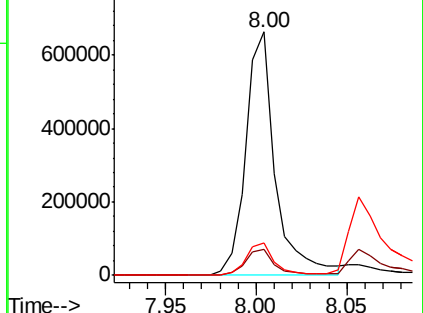
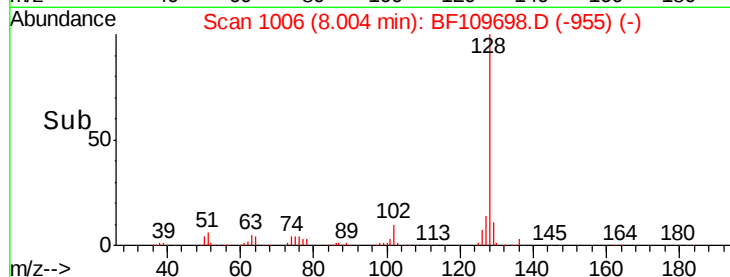
#31
Naphthalene
Concen: 38.756 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 747693
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.5 10.8 16.2

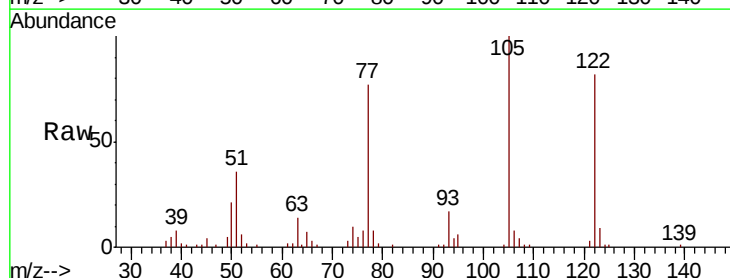


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

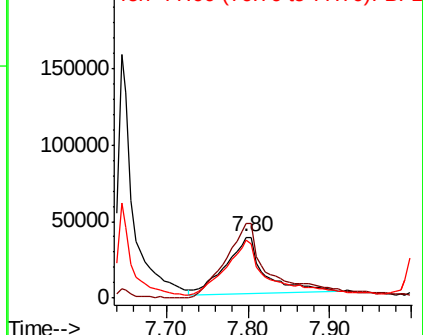
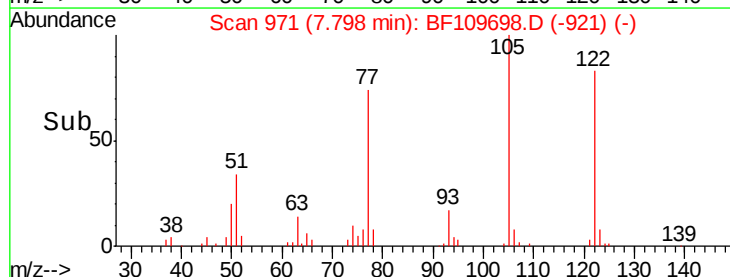


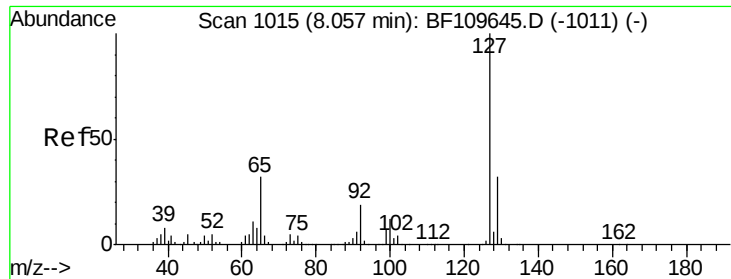
#32
Benzoic acid
Concen: 32.070 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:122 Resp: 121957
Ion Ratio Lower Upper
122 100
105 121.9 109.0 149.0
77 94.3 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

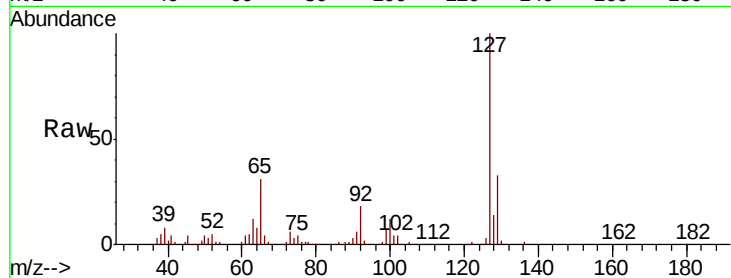




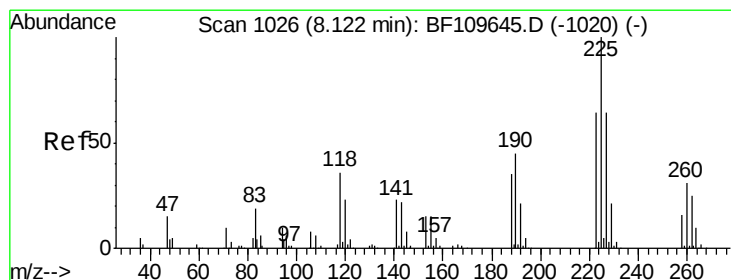
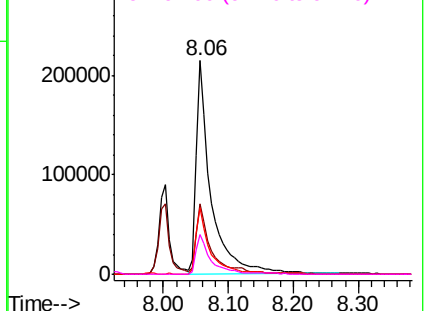
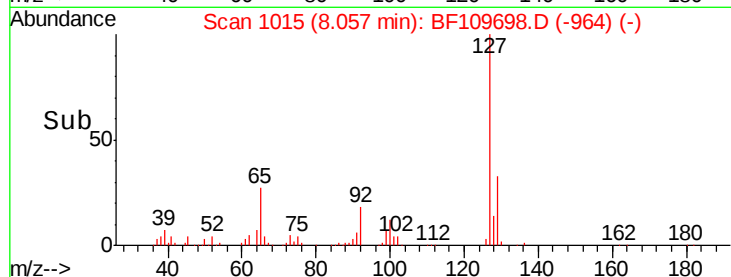
#33
4-Chloroaniline
Concen: 39.498 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	335565
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	30.9	25.1	37.7
92	18.4	15.0	22.6

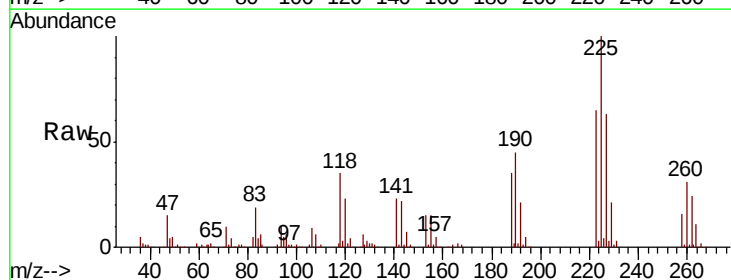


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

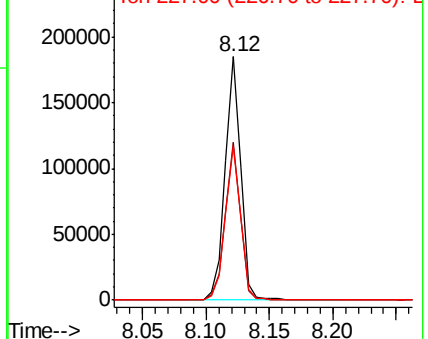
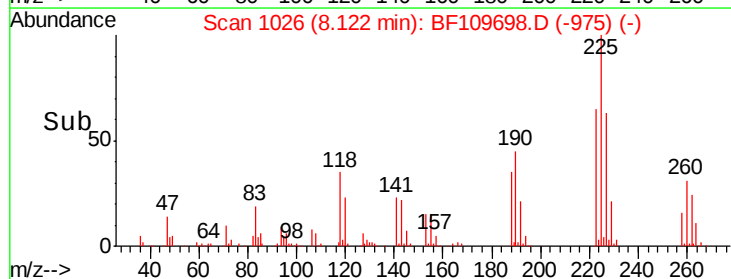


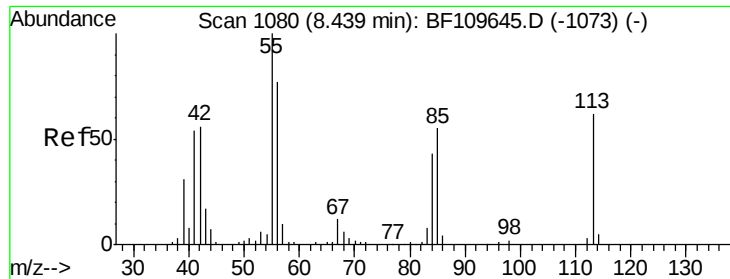
#34
Hexachlorobutadiene
Concen: 38.662 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:	225	Resp:	158763
Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.4	77.2
227	63.2	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: 40.427 ng

RT: 8.44 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampled :

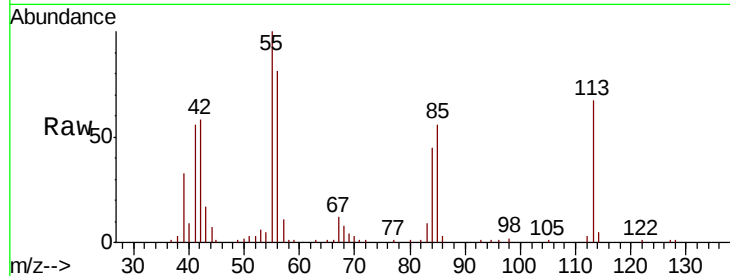
Tot Ion:113 Resp: 72029

Ion Ratio Lower Upper

113 100

55 149.5 142.8 182.8

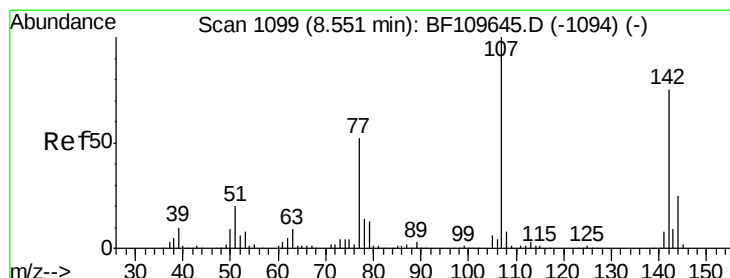
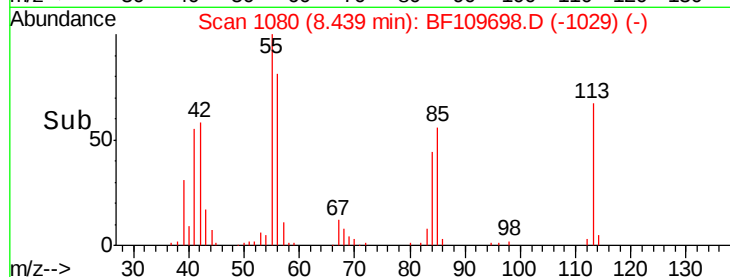
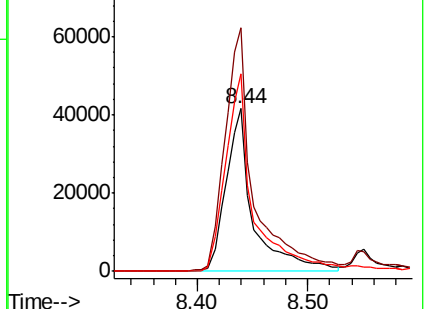
56 121.2 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.329 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

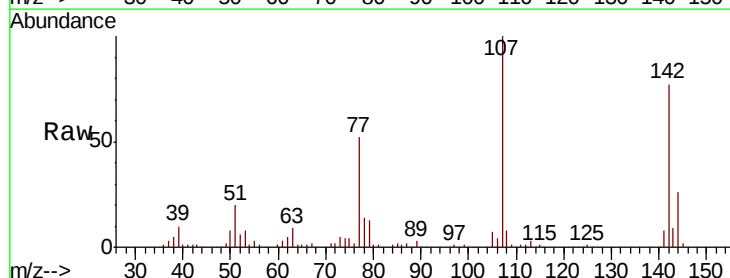
Tgt Ion:107 Resp: 253980

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

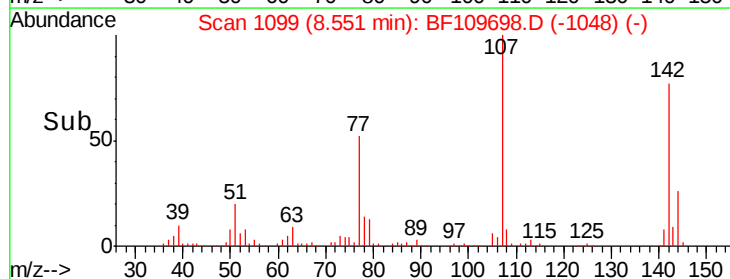
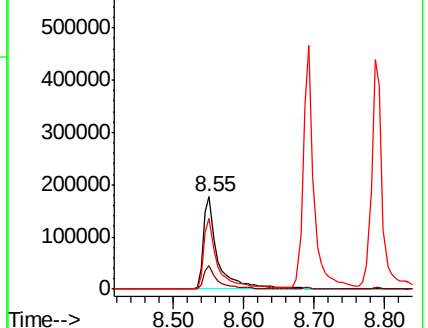
142 77.1 59.7 89.5

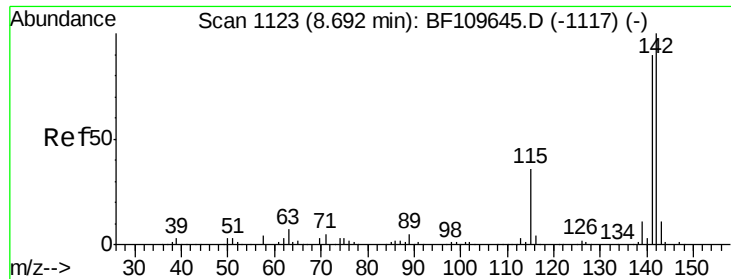


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

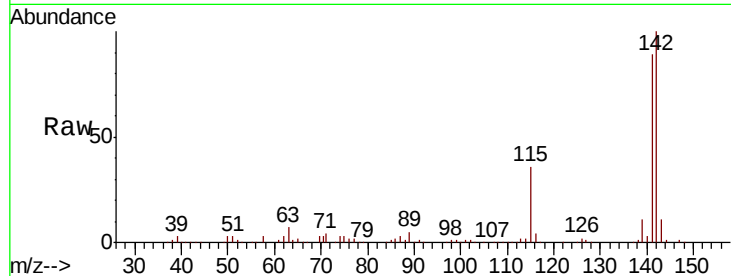




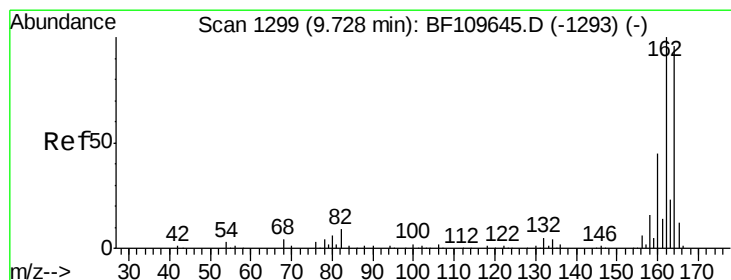
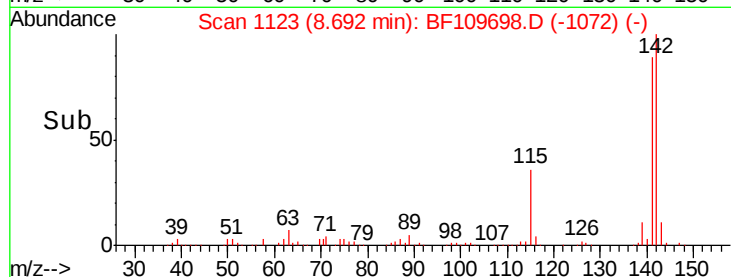
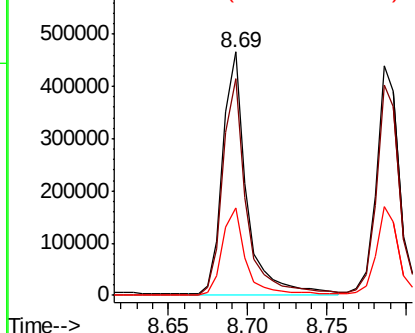
#37
 2-Methylnaphthalene
 Concen: 38.995 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 492790
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.4 107.2
 115 35.9 28.7 43.1

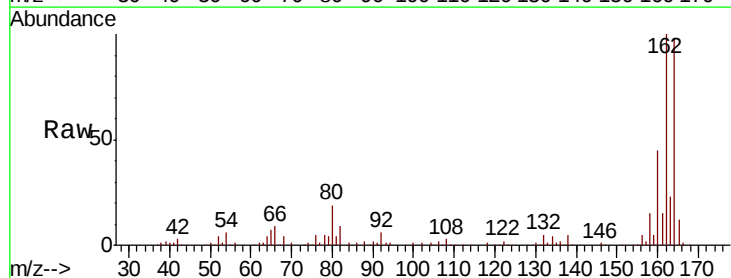


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

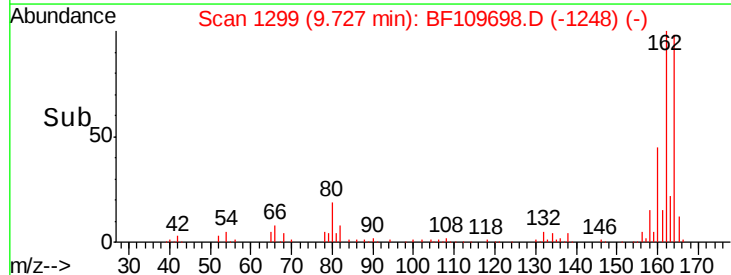
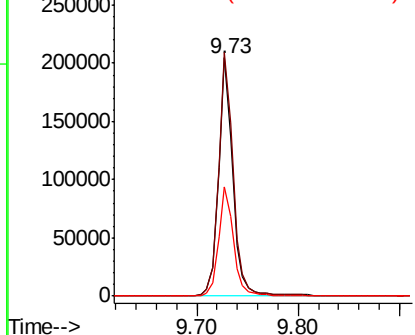


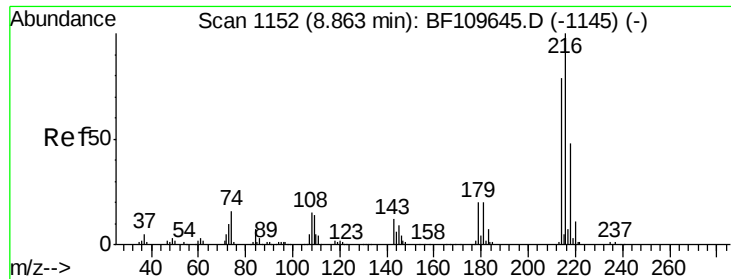
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:164 Resp: 200345
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.0 124.6
 160 46.0 37.0 55.6



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

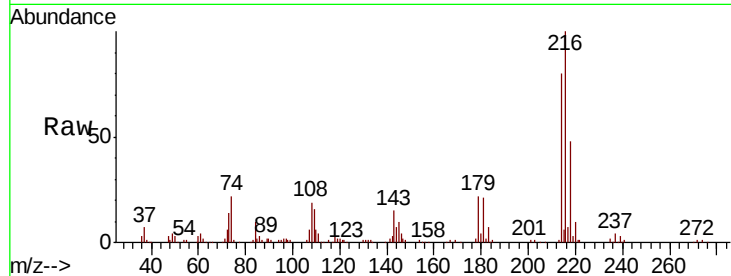




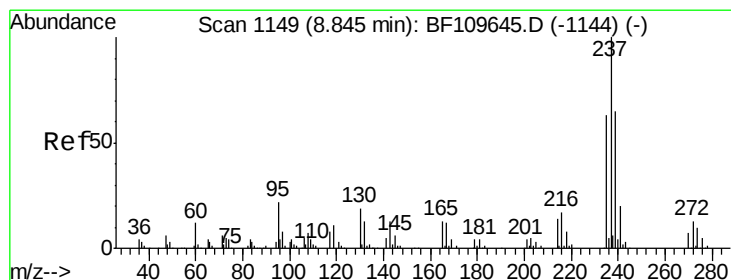
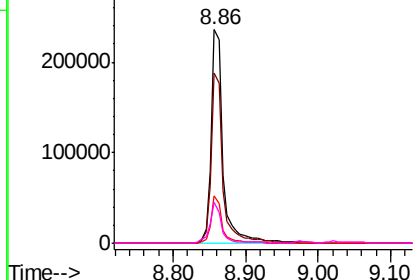
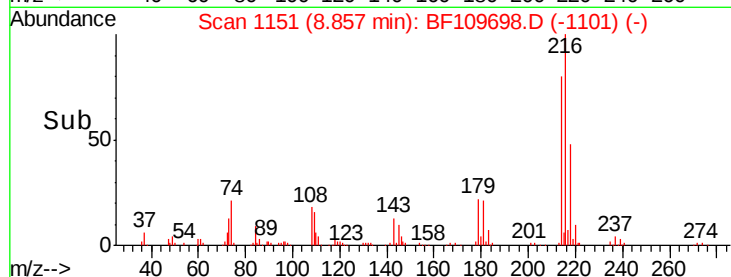
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.426 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	268874
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.8 95.6
179	21.3	16.6 25.0
108	19.0	15.1 22.7

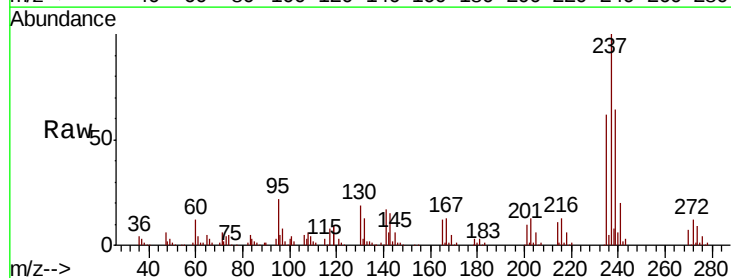


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

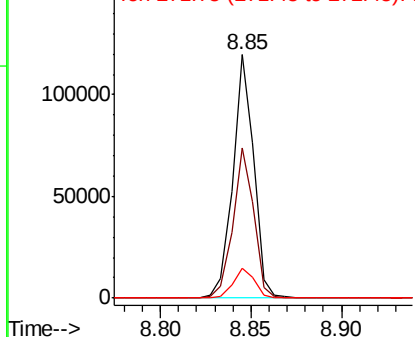
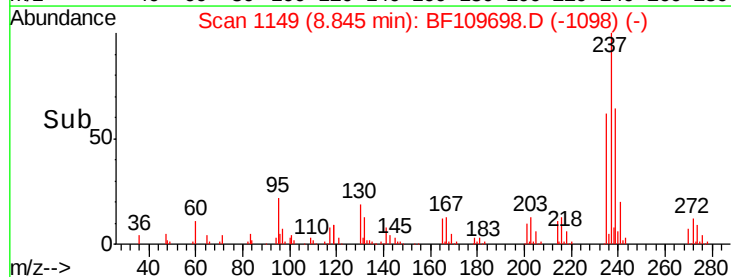


#40
 Hexachlorocyclopentadiene
 Concen: 36.334 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:237	Resp:	95598
Ion Ratio	Lower	Upper
237	100	
235	61.5	43.1 83.1
272	12.5	0.0 32.6



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

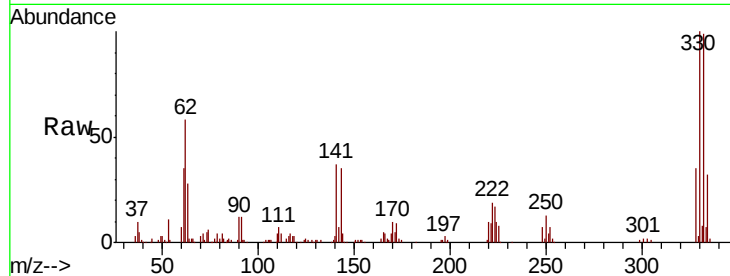




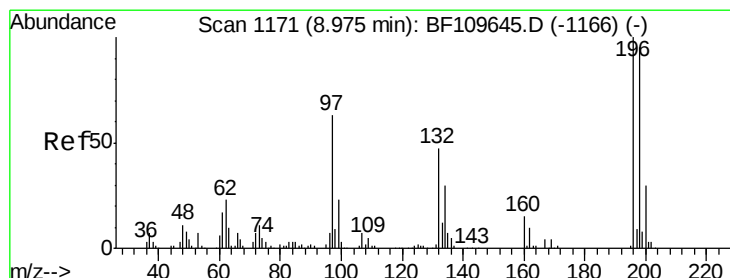
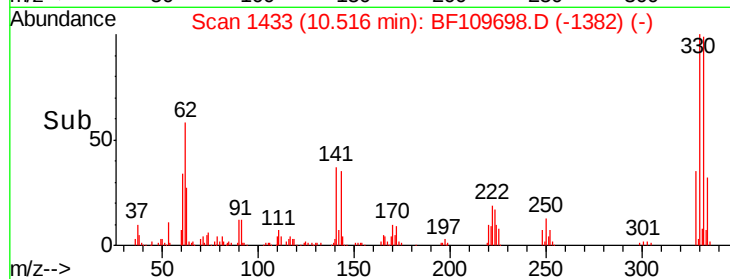
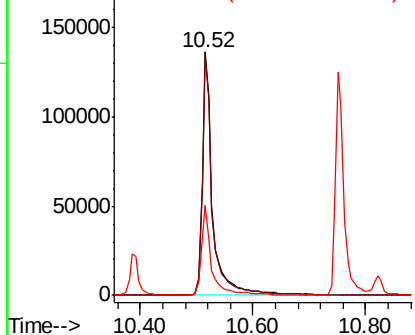
#41
 2,4,6-Tribromophenol
 Concen: 80.774 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 176328
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 36.4 27.0 40.4

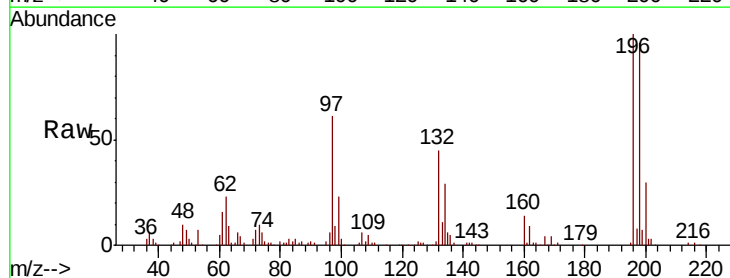


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

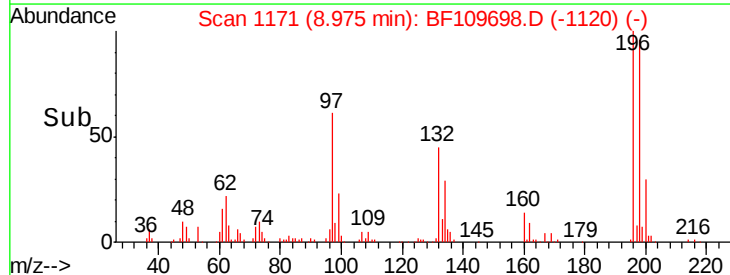
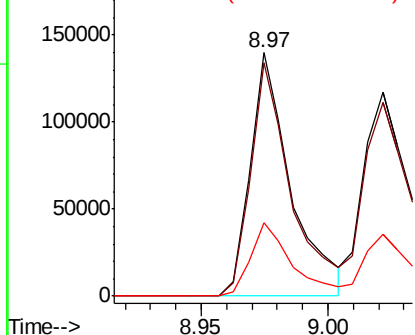


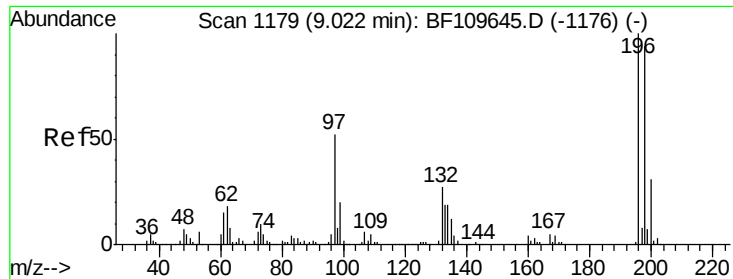
#42
 2,4,6-Trichlorophenol
 Concen: 38.272 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:196 Resp: 156029
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 200 30.3 24.4 36.6



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

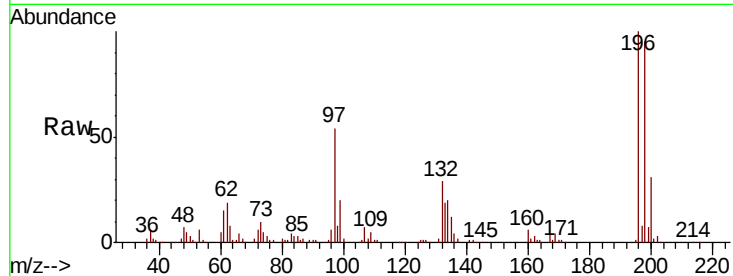




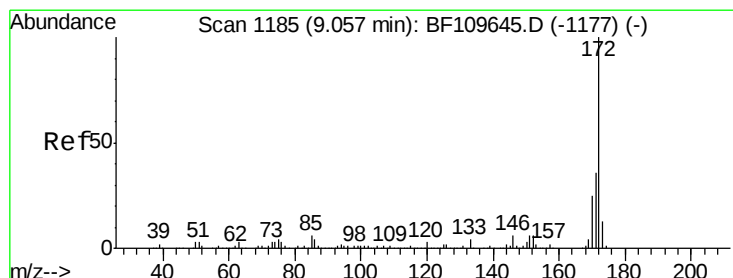
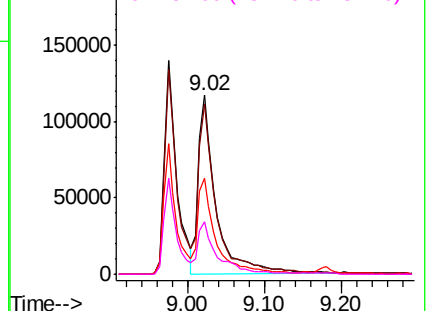
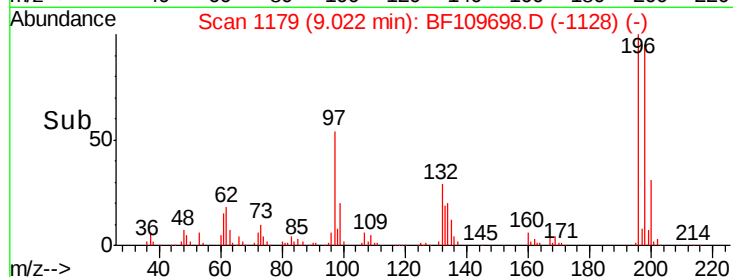
#43
2,4,5-Trichlorophenol
Concen: 39.853 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 186812
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.6
97 53.6 42.4 63.6
132 29.4 22.8 34.2

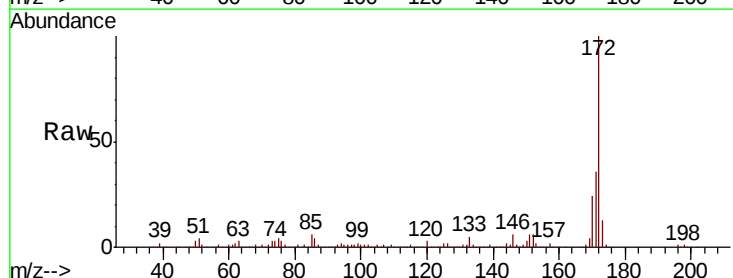


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

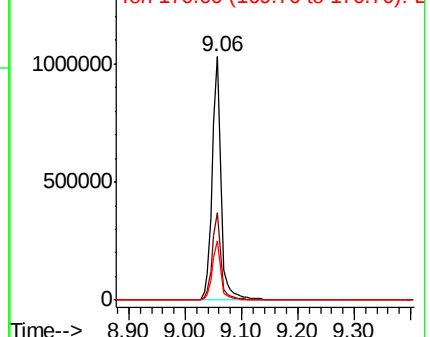
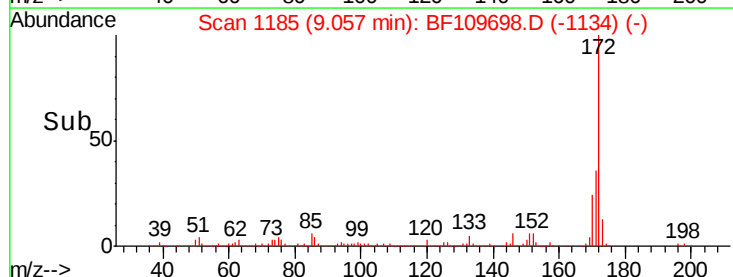


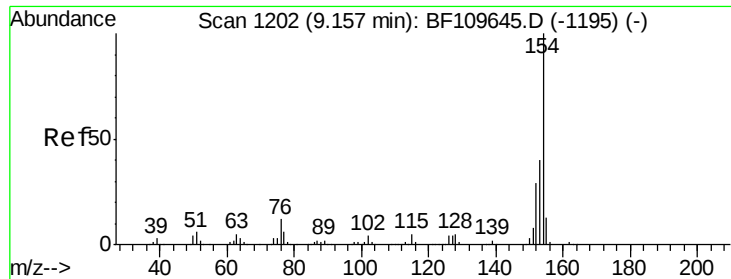
#44
2-Fluorobiphenyl
Concen: 76.753 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:172 Resp: 1116508
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.1 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

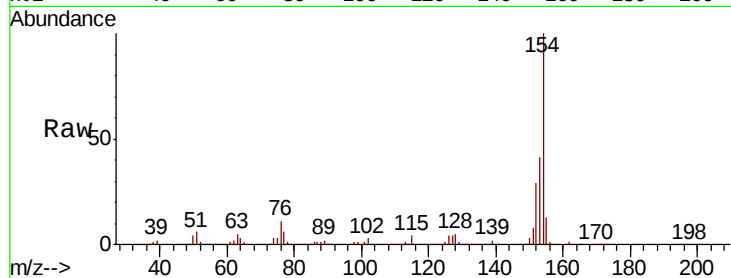




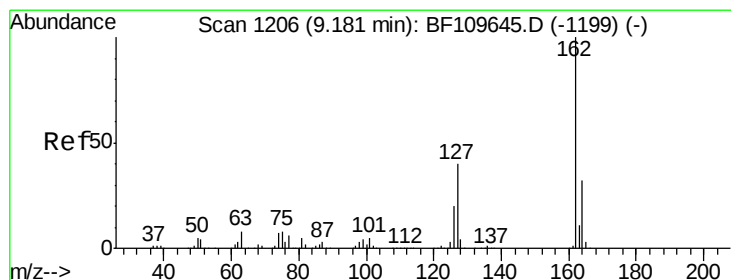
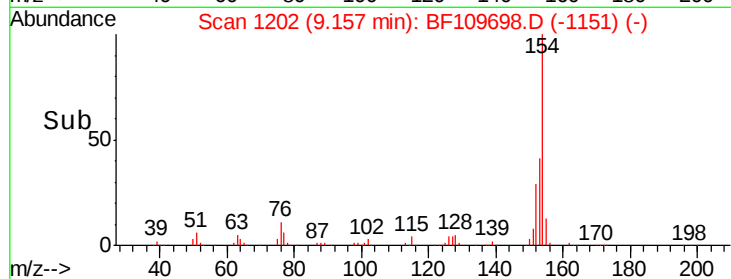
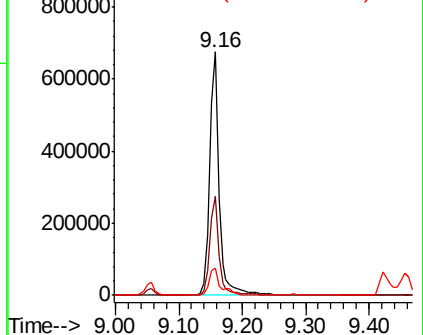
#45
 1,1'-Biphenyl
 Concen: 38.974 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 697548
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.4 60.4
 76 11.5 0.0 31.9

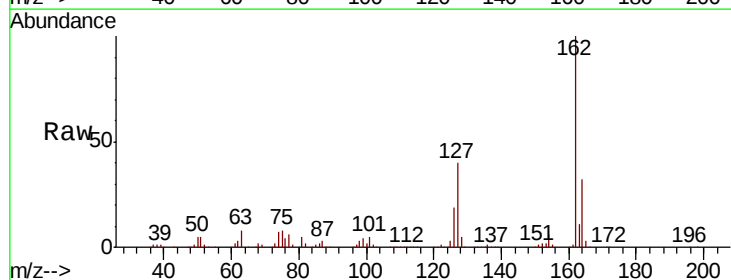


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

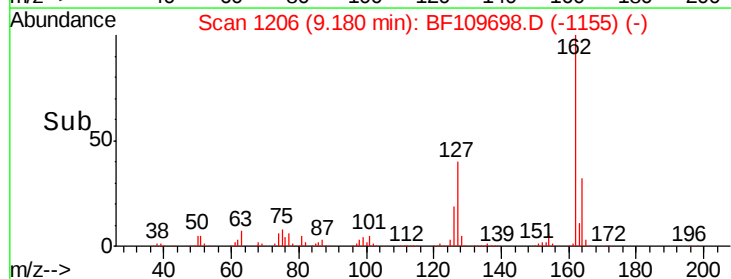
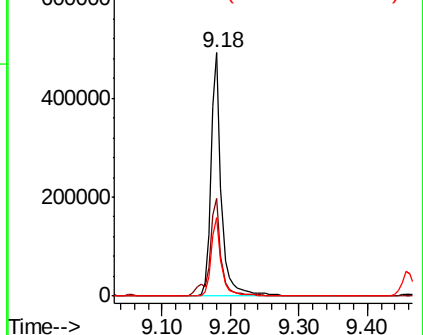


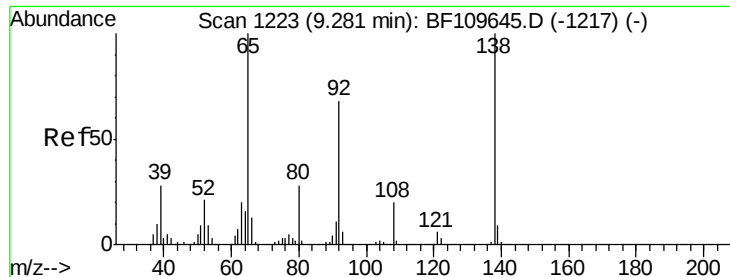
#46
 2-Chloronaphthalene
 Concen: 38.792 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:162 Resp: 520163
 Ion Ratio Lower Upper
 162 100
 127 40.3 32.6 48.8
 164 32.5 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

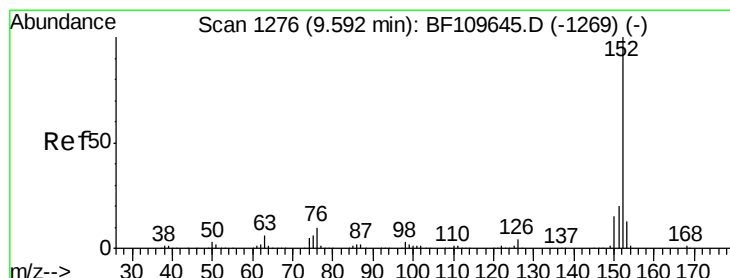
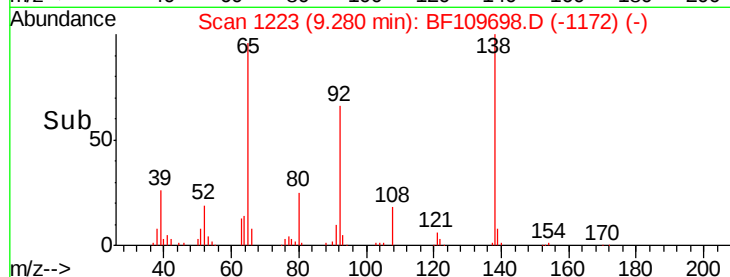
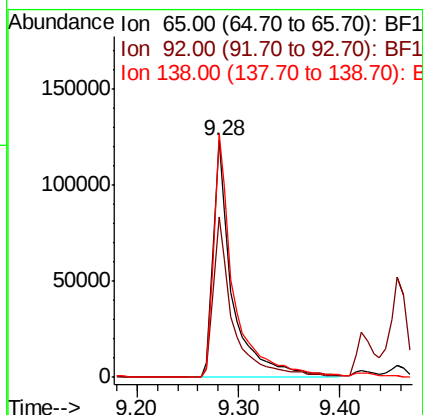
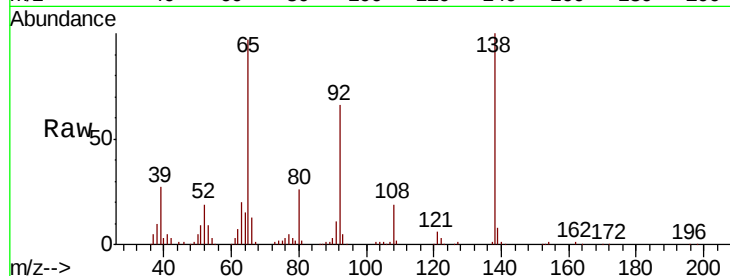




#47
2-Nitroaniline
Concen: 40.373 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

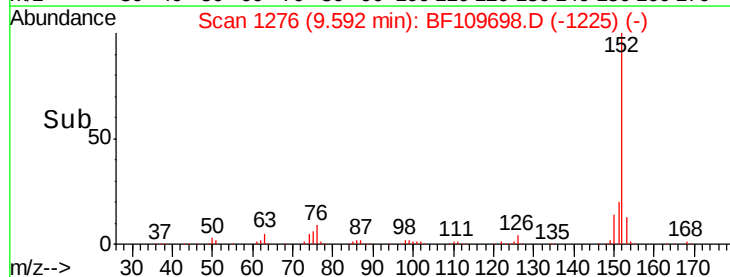
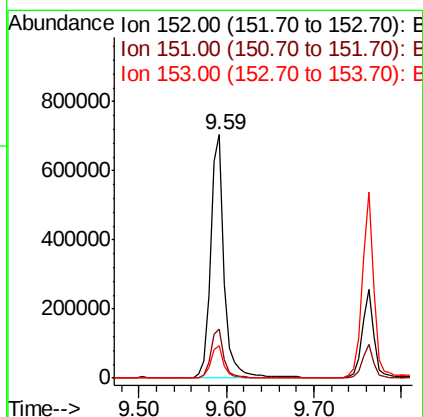
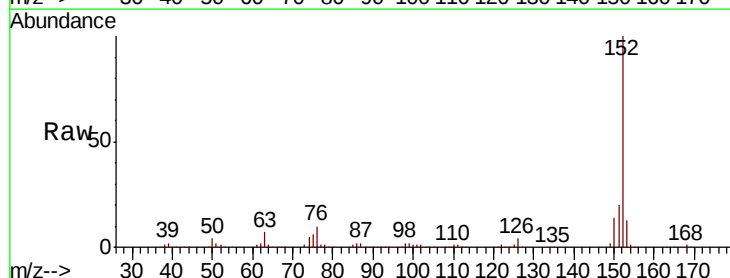
Instrument :
BNA_F
ClientSampled :

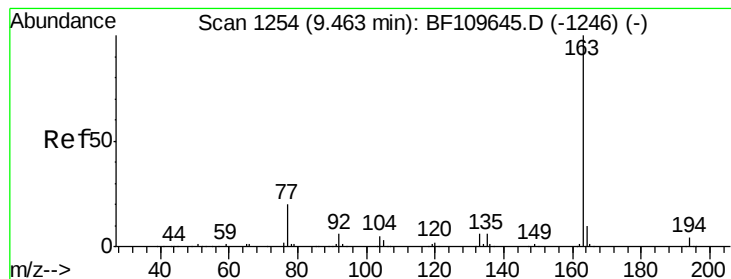
Tot Ion: 65 Resp: 163917
Ion Ratio Lower Upper
65 100
92 68.0 54.6 81.8
138 102.9 80.3 120.5



#48
Acenaphthylene
Concen: 38.904 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion: 152 Resp: 760515
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.4 15.6





#49

Dimethylphthalate

Concen: 39.155 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

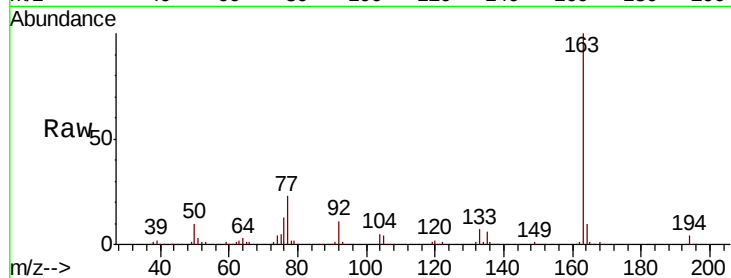
Tot Ion:163 Resp: 575326

Ion Ratio Lower Upper

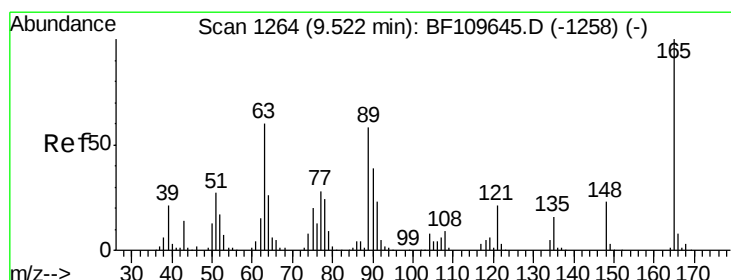
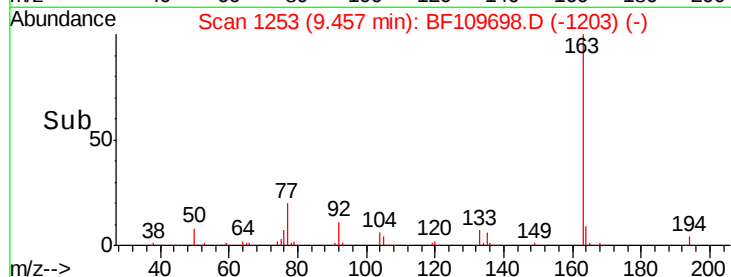
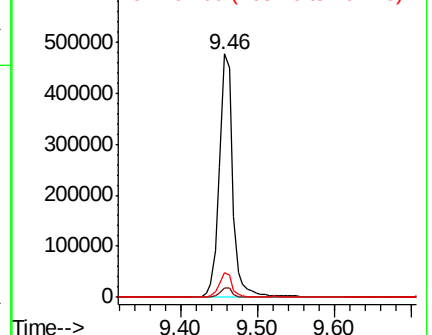
163 100

194 3.8 3.2 4.8

164 10.4 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 39.907 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

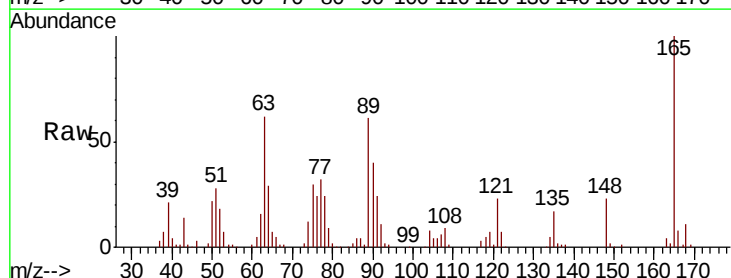
Tgt Ion:165 Resp: 127105

Ion Ratio Lower Upper

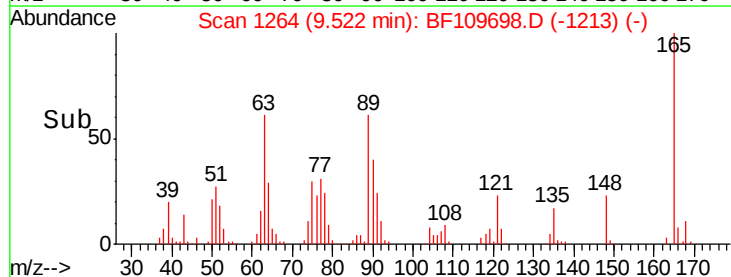
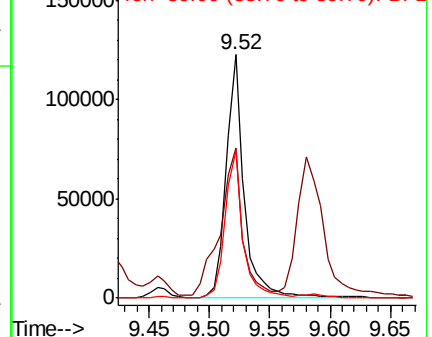
165 100

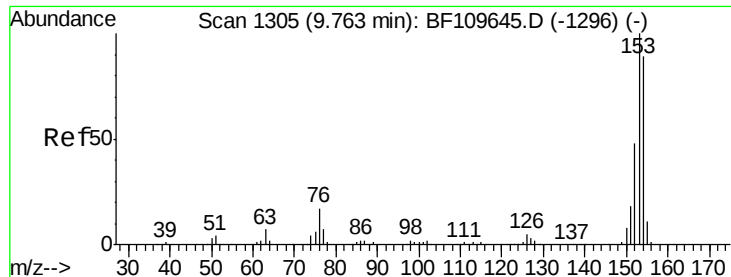
63 61.6 48.9 73.3

89 60.7 46.6 69.8



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





#51

Acenaphthene

Concen: 38.030 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

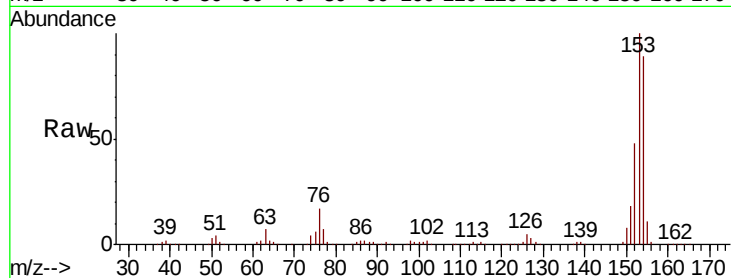
Tot Ion:154 Resp: 440707

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

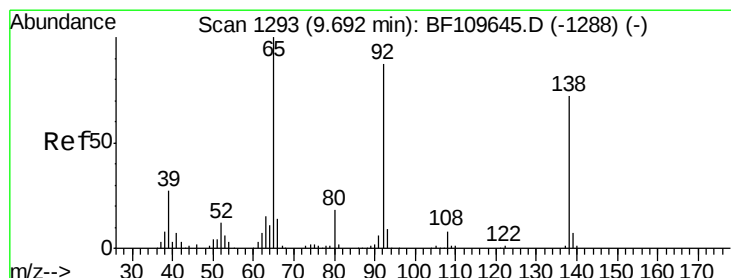
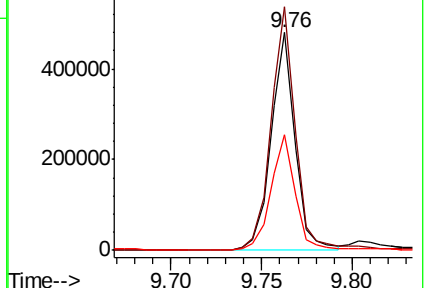
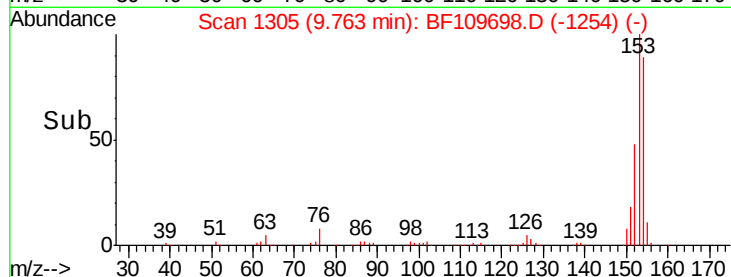
152 53.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.688 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

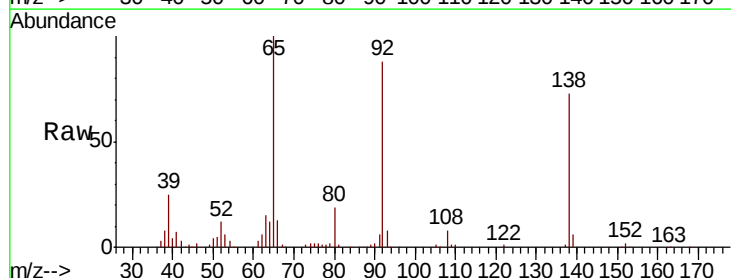
Tgt Ion:138 Resp: 145267

Ion Ratio Lower Upper

138 100

108 10.5 8.7 13.1

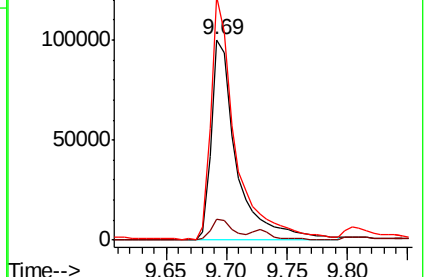
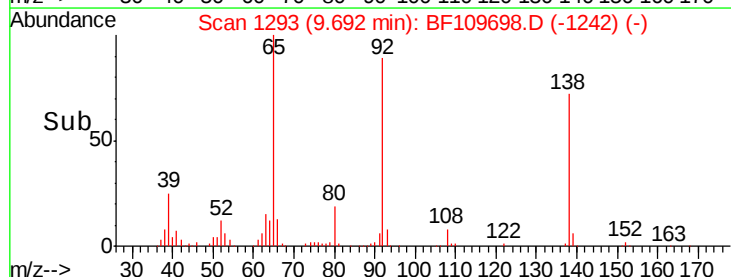
92 121.3 97.0 145.4

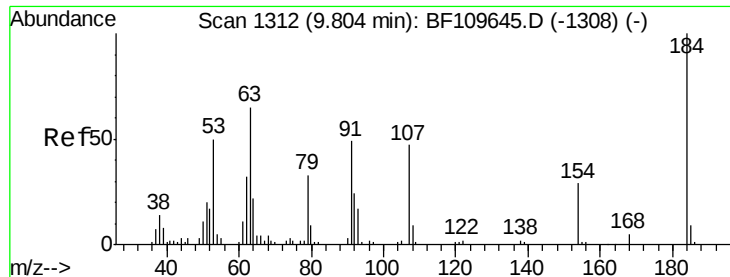


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

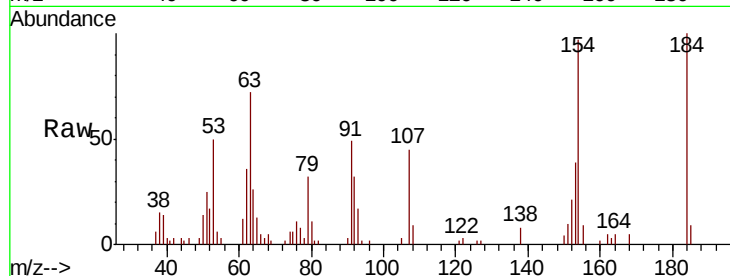




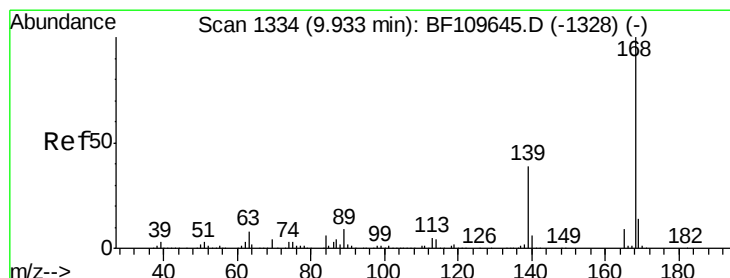
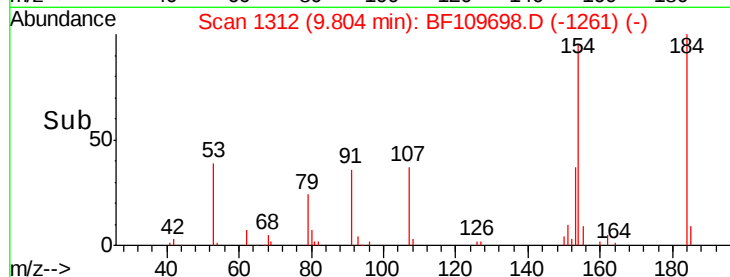
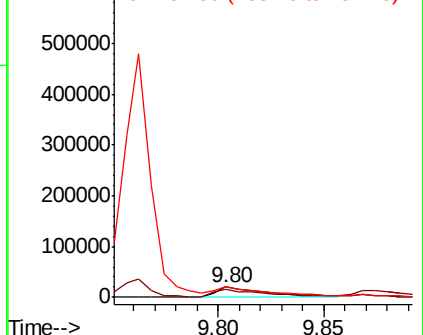
#53
2,4-Dinitrophenol
Concen: 36.208 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 37208
Ion Ratio Lower Upper
184 100
63 71.8 55.8 83.6
154 97.1 63.2 94.8#

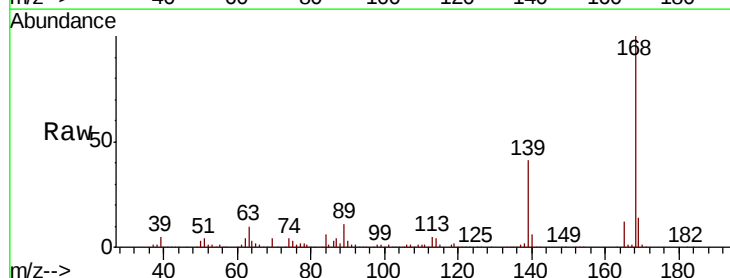


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

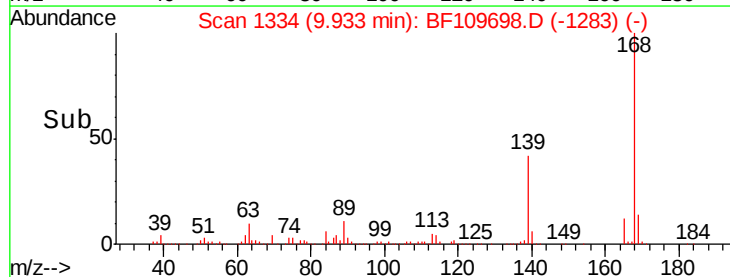
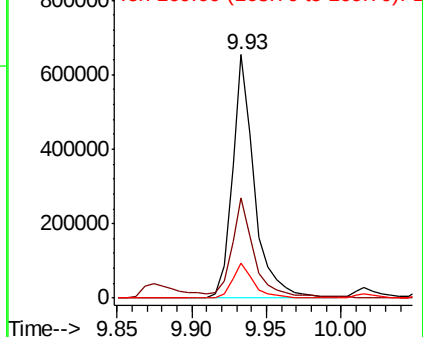


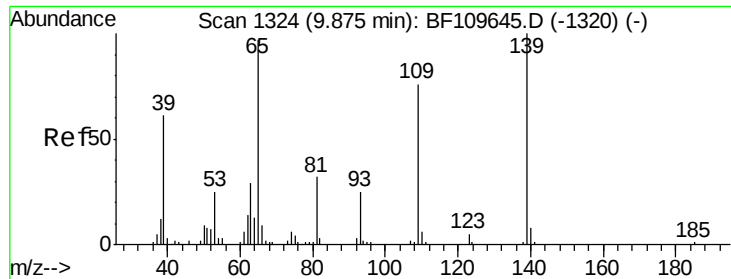
#54
Dibenzofuran
Concen: 39.103 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:168 Resp: 679246
Ion Ratio Lower Upper
168 100
139 41.4 33.0 49.6
169 14.2 11.3 16.9



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

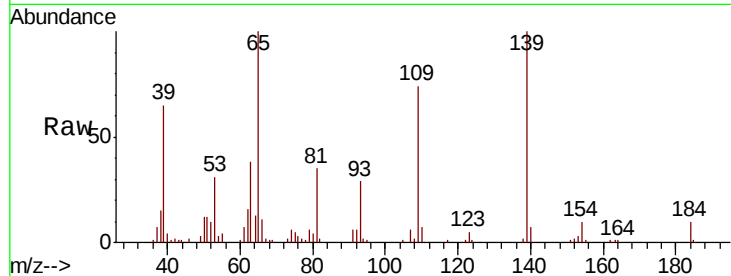




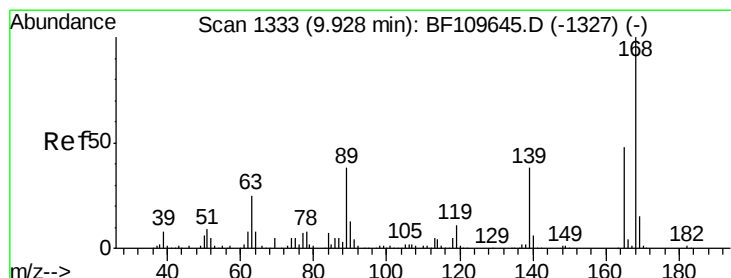
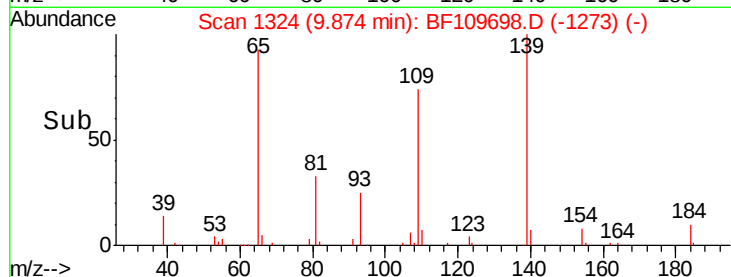
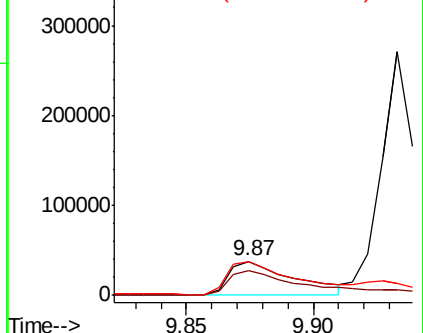
#55
4-Nitrophenol
Concen: 34.268 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 66969
Ion Ratio Lower Upper
139 100
109 74.0 55.8 95.8
65 100.4 77.9 117.9

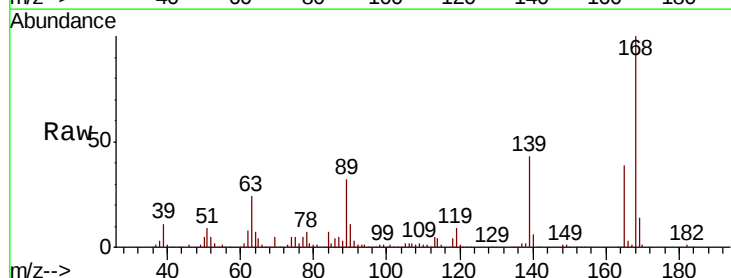


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

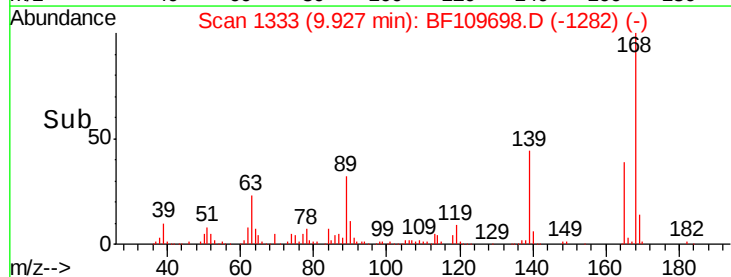
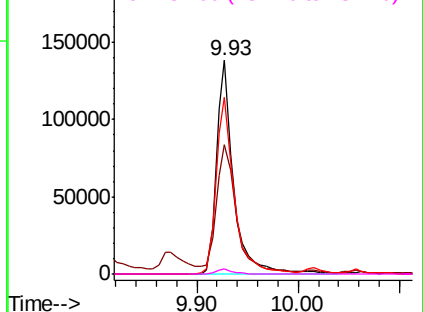


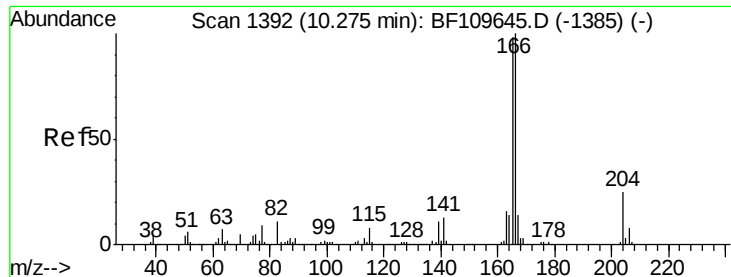
#56
2,4-Dinitrotoluene
Concen: 40.695 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:165 Resp: 161755
Ion Ratio Lower Upper
165 100
63 60.6 44.8 67.2
89 82.7 62.2 93.4
182 2.5 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.746 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

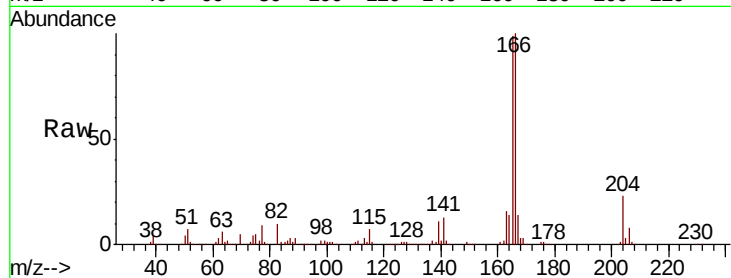
Tot Ion:166 Resp: 502614

Ion Ratio Lower Upper

166 100

165 99.0 78.6 117.8

167 13.8 10.8 16.2

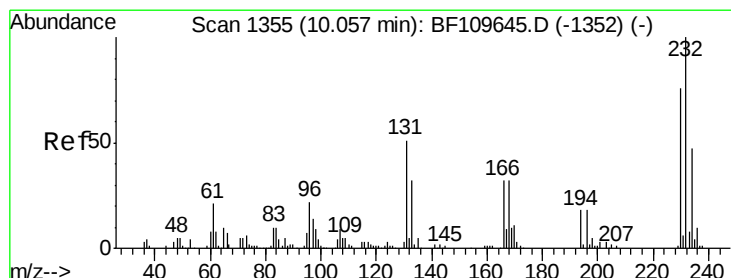
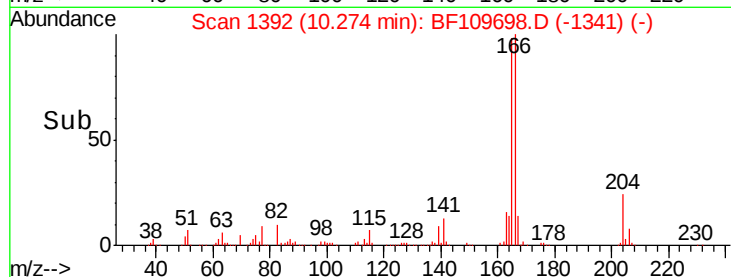
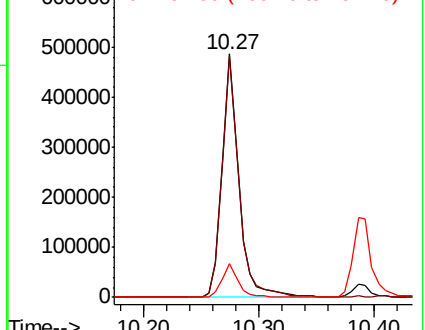


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.247 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Tgt Ion:232 Resp: 153360

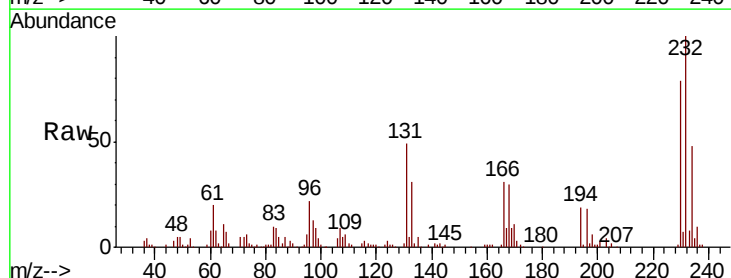
Ion Ratio Lower Upper

232 100

131 42.5 37.0 55.4

130 2.1 1.8 2.6

166 27.4 22.0 33.0



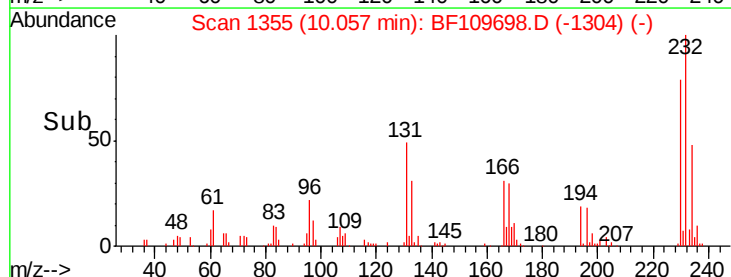
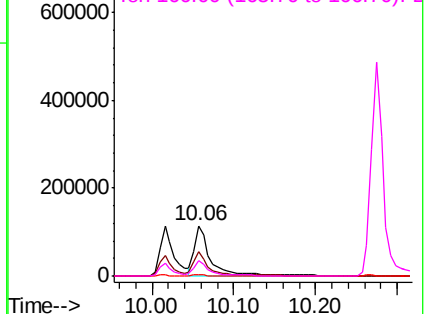
Abundance

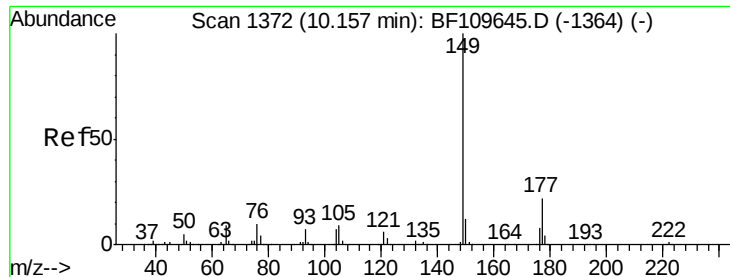
Ion 232.00 (231.70 to 232.70): E

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

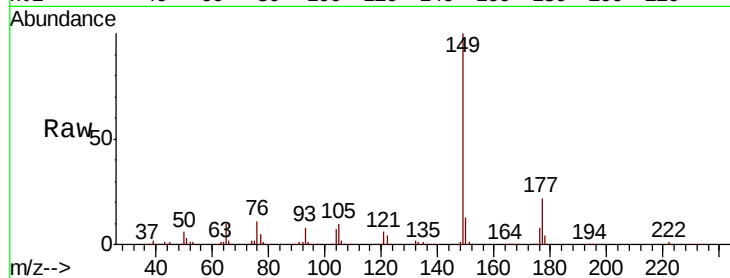




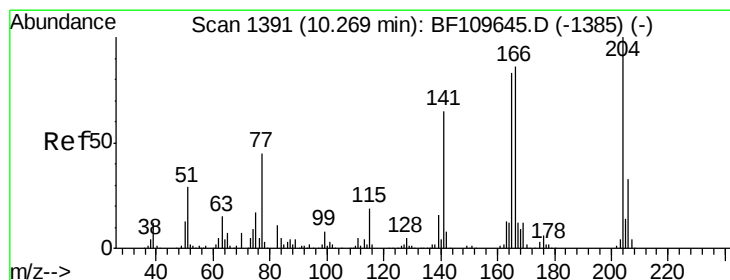
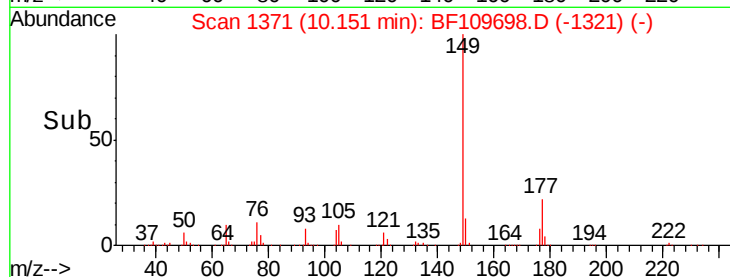
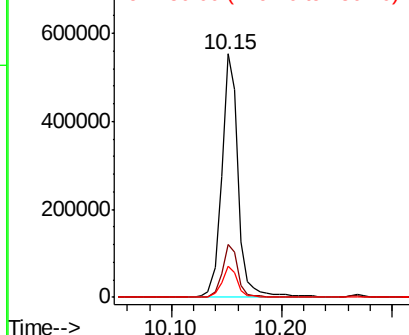
#59
Diethylphthalate
Concen: 39.437 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 574136
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.6 9.8 14.8

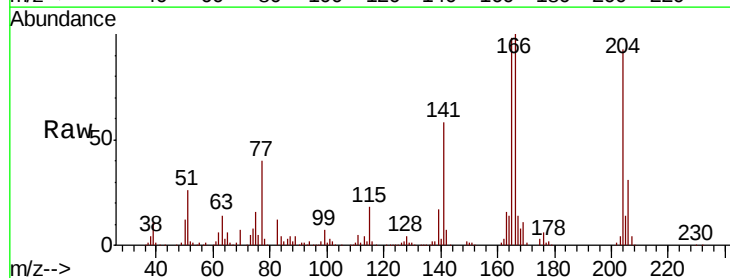


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

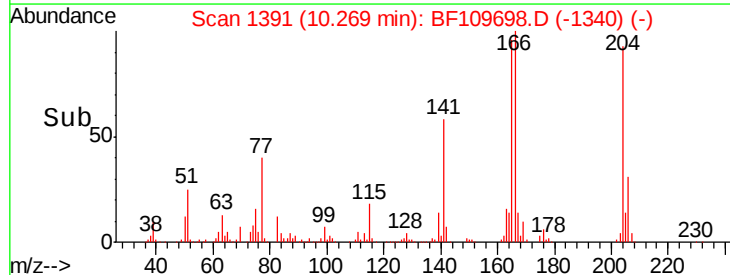
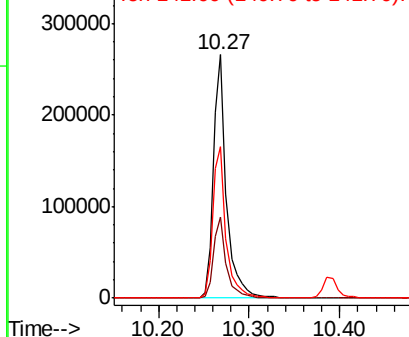


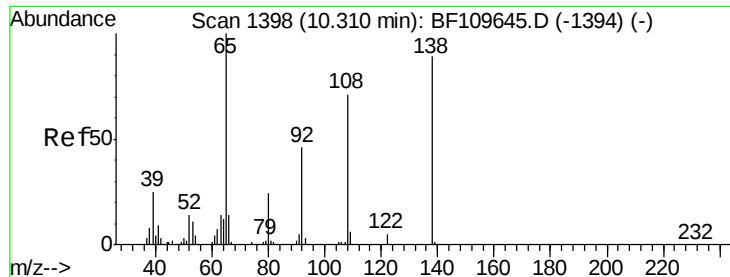
#60
4-Chlorophenyl-phenylether
Concen: 39.103 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:204 Resp: 267604
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 62.4 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

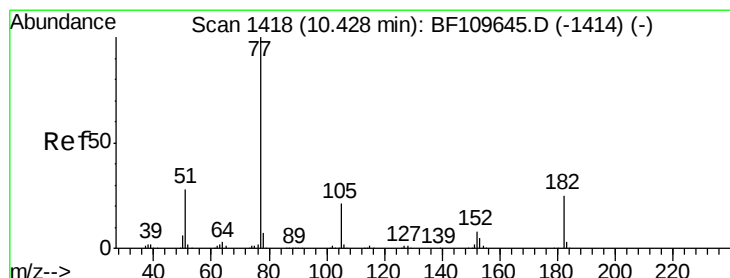
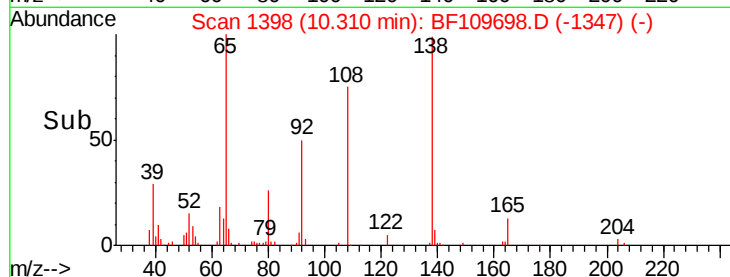
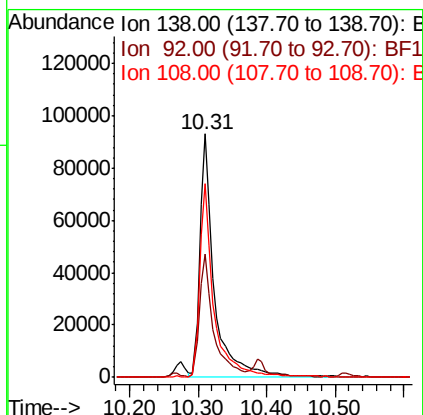
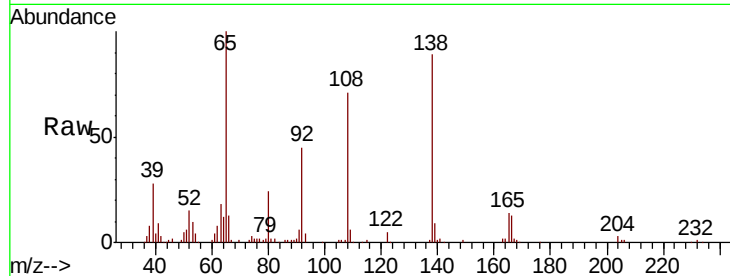




#61
4-Nitroaniline
Concen: 42.423 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

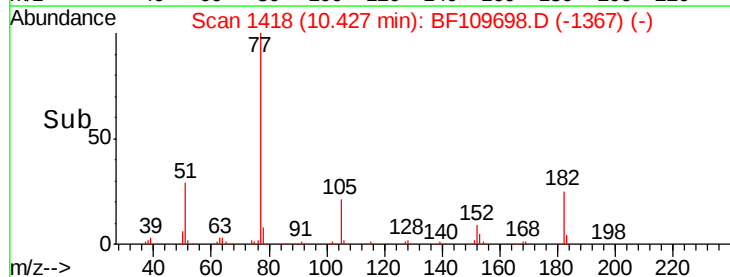
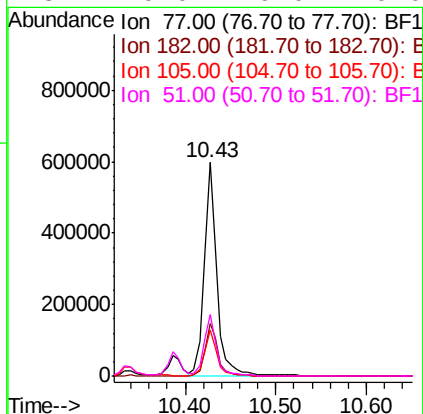
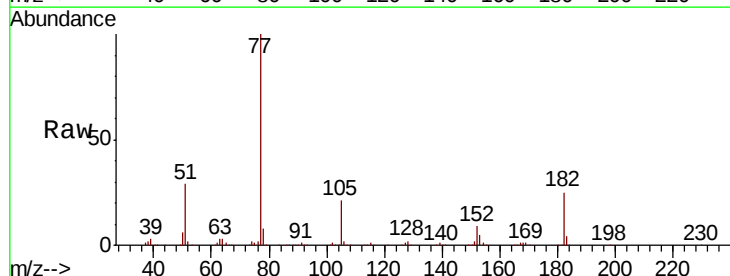
Instrument :
BNA_F
ClientSampleId :

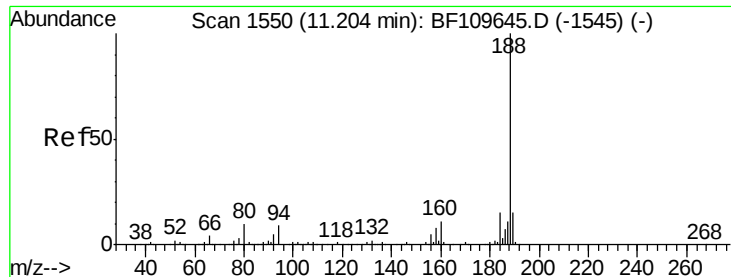
Tot Ion:138 Resp: 140268
Ion Ratio Lower Upper
138 100
92 50.6 31.7 71.7
108 79.4 59.3 99.3



#62
Azobenzene
Concen: 39.761 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion: 77 Resp: 587814
Ion Ratio Lower Upper
77 100
182 24.9 4.3 44.3
105 21.3 1.3 41.3
51 29.0 9.0 49.0

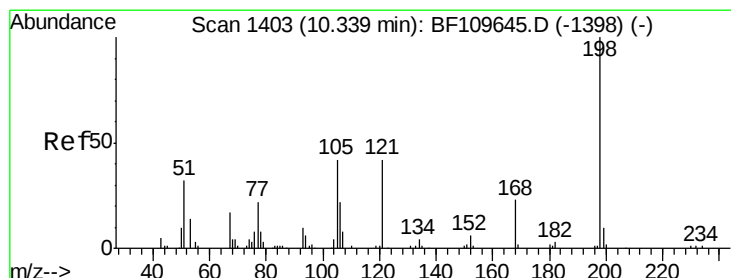
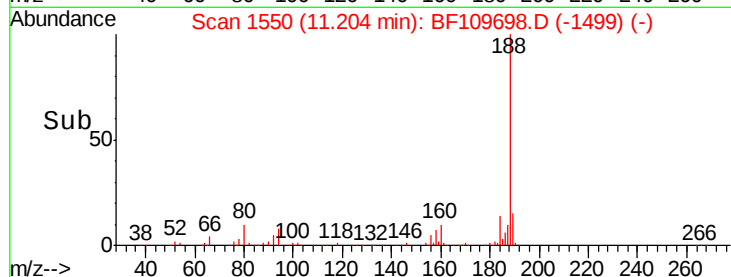
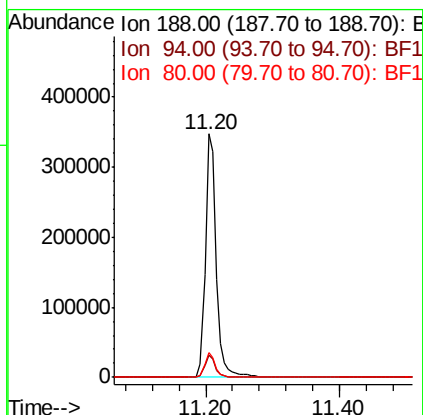
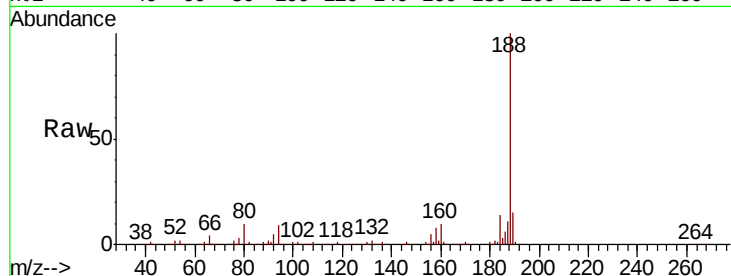




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

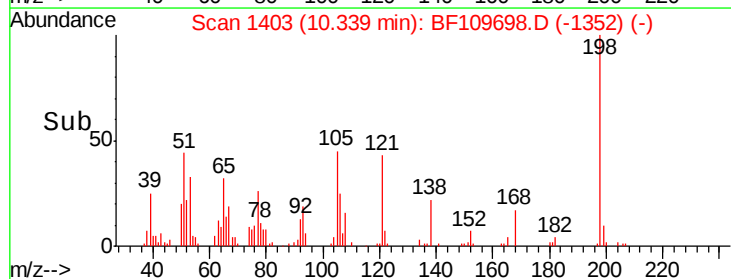
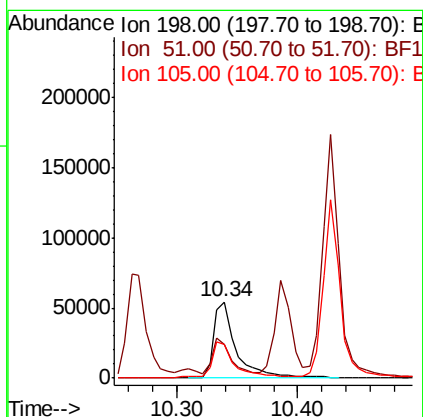
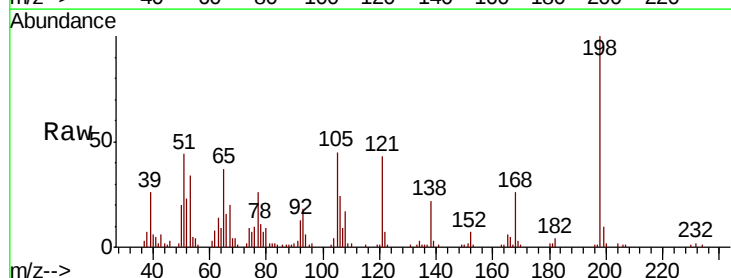
Instrument :
BNA_F
ClientSampleId :

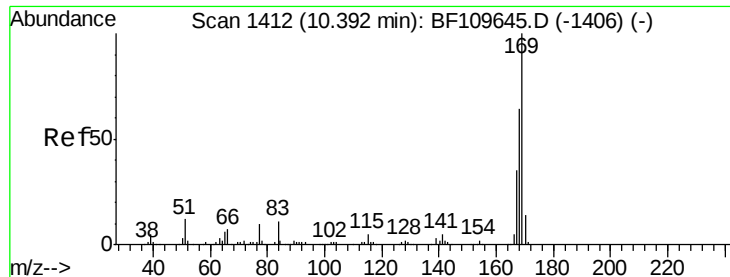
Tot Ion:188 Resp: 389319
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 36.838 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:198 Resp: 69804
Ion Ratio Lower Upper
198 100
51 43.7 22.8 62.8
105 44.5 23.6 63.6

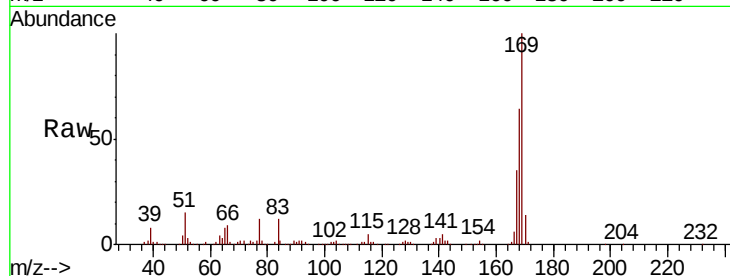




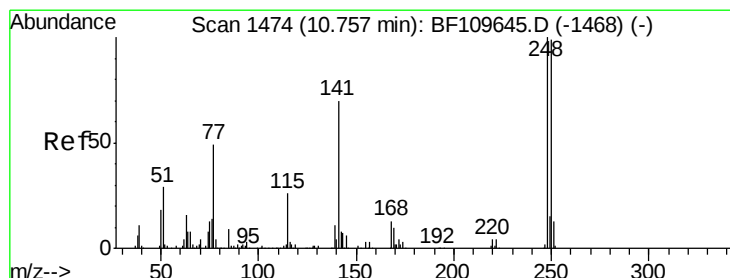
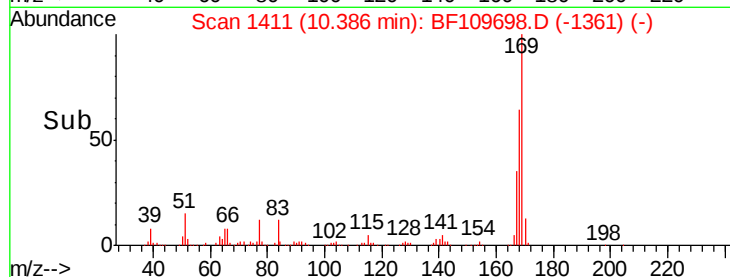
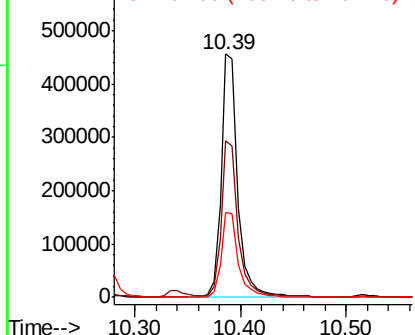
#65
 n-Nitrosodiphenylamine
 Concen: 37.991 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 501404
 Ion Ratio Lower Upper
 169 100
 168 64.4 51.2 76.8
 167 35.0 27.8 41.6

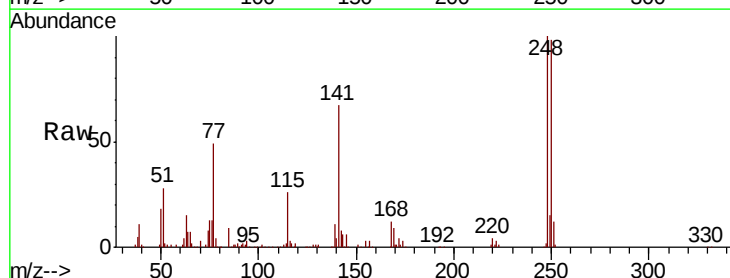


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

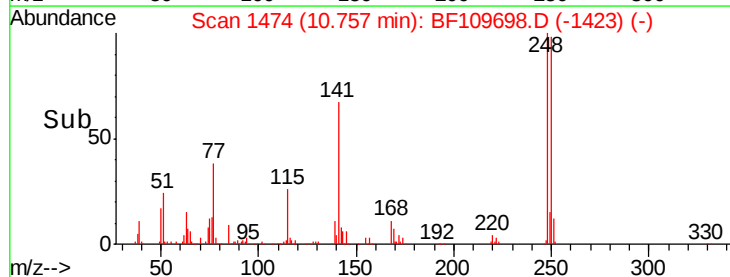
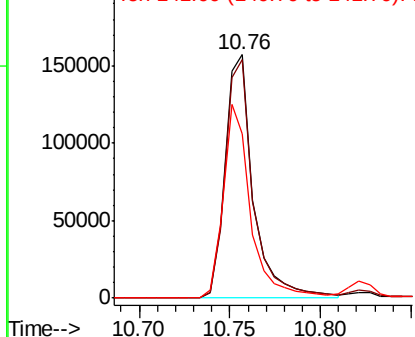


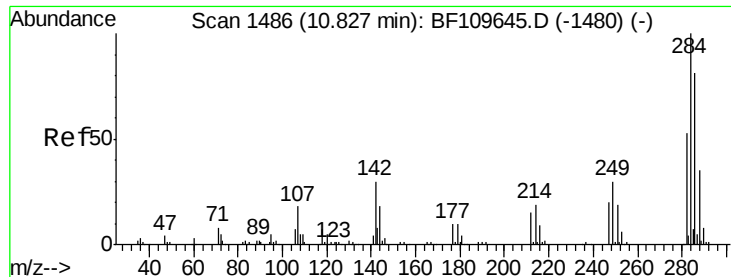
#66
 4-Bromophenyl-phenylether
 Concen: 38.277 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:248 Resp: 171225
 Ion Ratio Lower Upper
 248 100
 250 97.9 79.4 119.2
 141 67.2 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

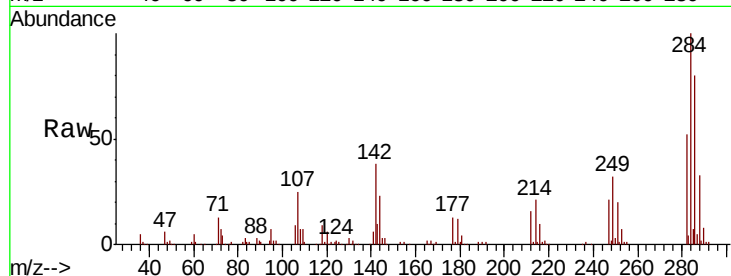




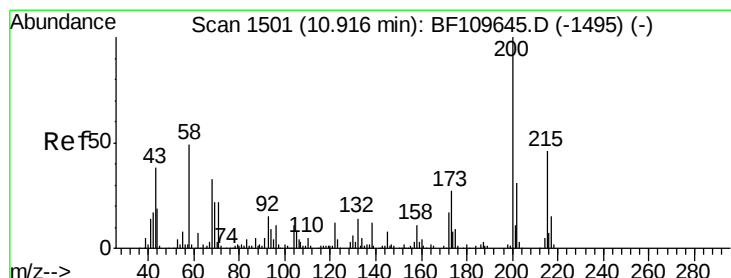
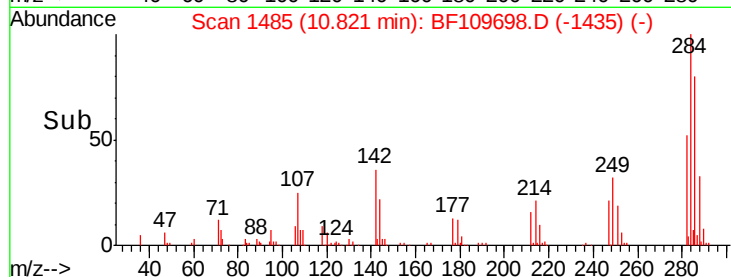
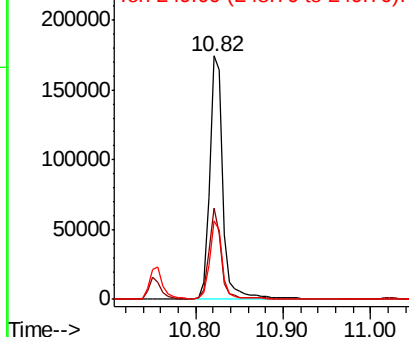
#67
Hexachlorobenzene
Concen: 38.004 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 184088
Ion Ratio Lower Upper
284 100
142 37.6 23.9 35.9#
249 32.2 24.2 36.2

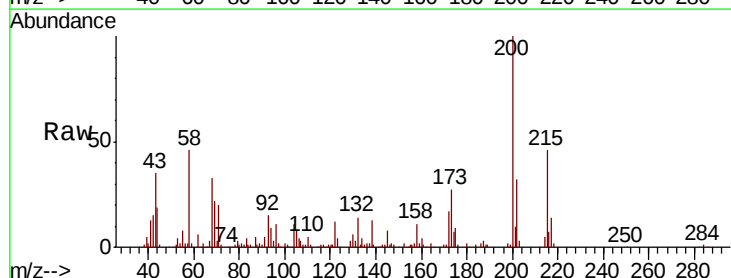


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

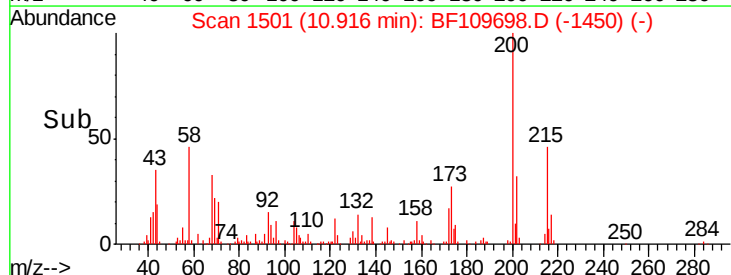
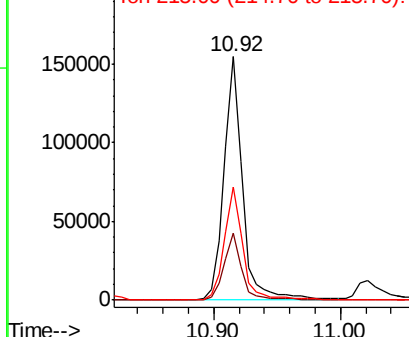


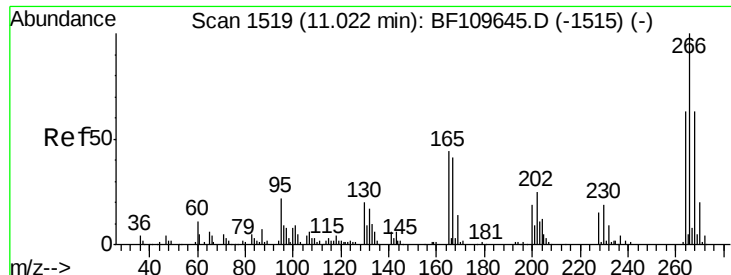
#68
Atrazine
Concen: 38.389 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:200 Resp: 158120
Ion Ratio Lower Upper
200 100
173 27.4 6.6 46.6
215 46.2 26.3 66.3



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





#69

Pentachlorophenol

Concen: 37.706 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

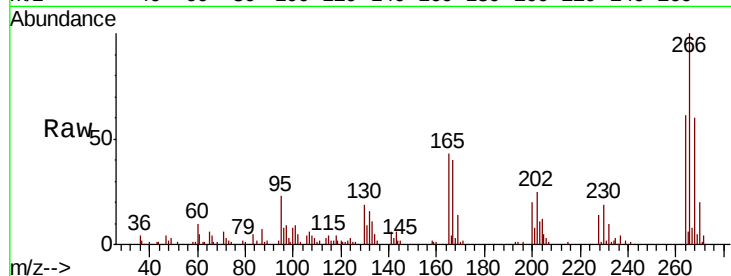
Tot Ion:266 Resp: 102776

Ion Ratio Lower Upper

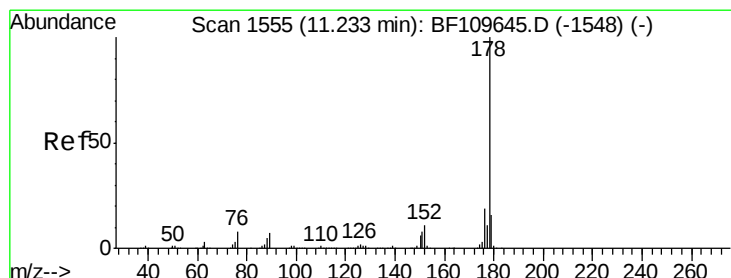
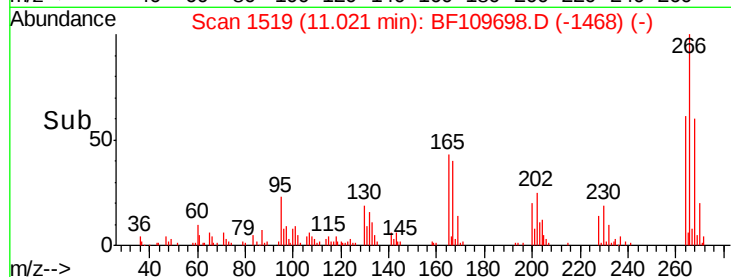
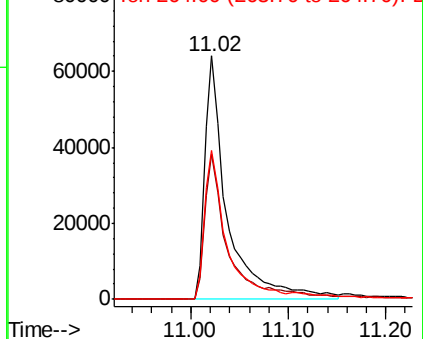
266 100

268 59.8 50.6 75.8

264 61.3 50.6 75.8



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



#70

Phenanthrene

Concen: 38.185 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

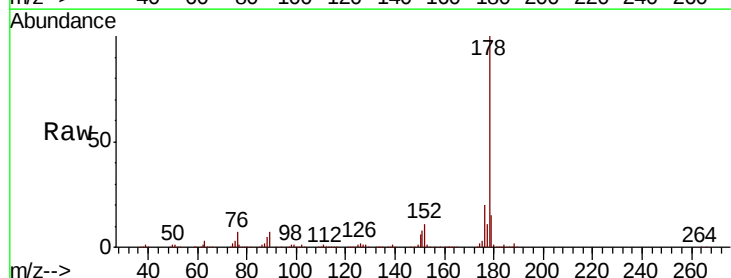
Tgt Ion:178 Resp: 743955

Ion Ratio Lower Upper

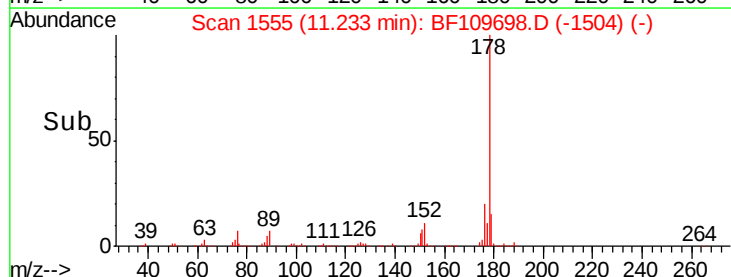
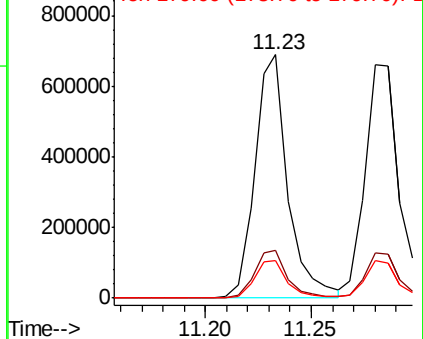
178 100

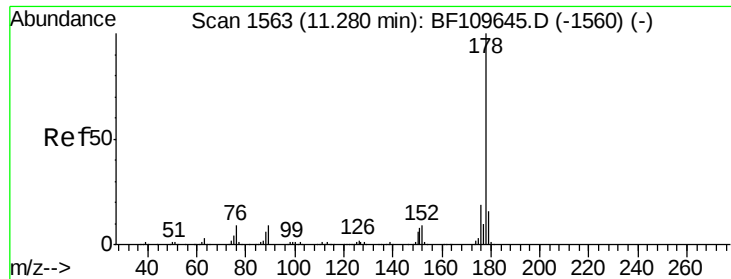
176 19.7 15.5 23.3

179 15.4 12.5 18.7



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

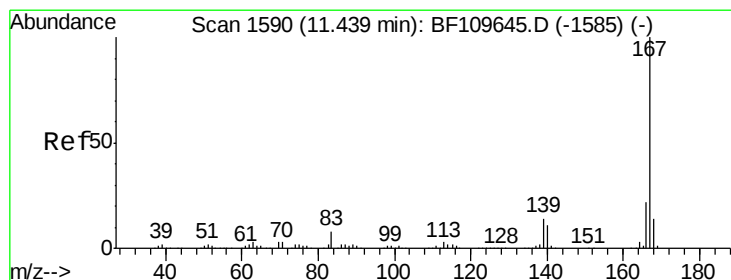
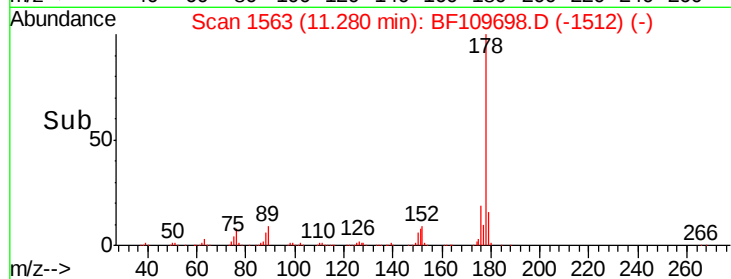
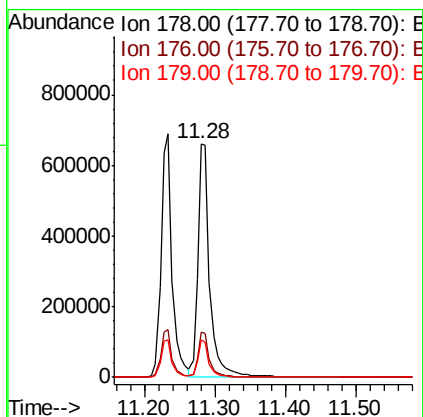
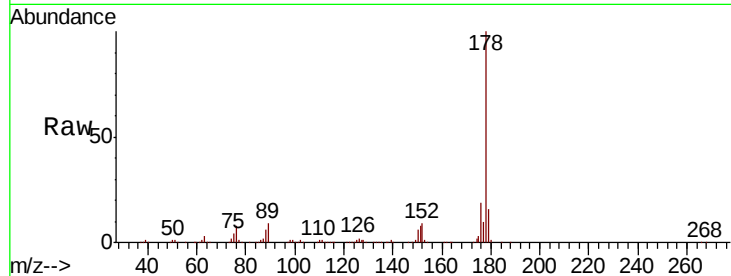




#71
 Anthracene
 Concen: 39.452 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

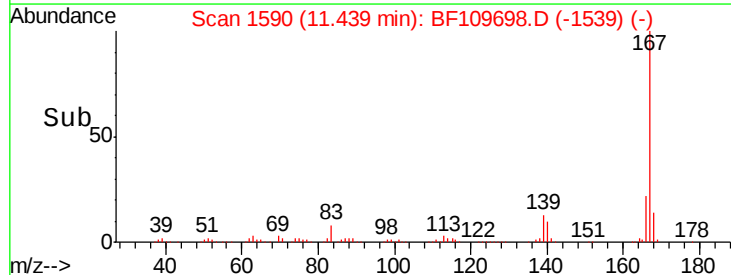
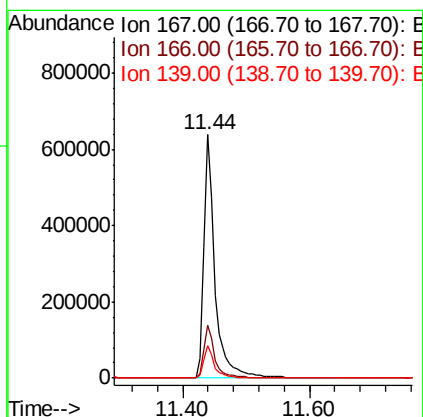
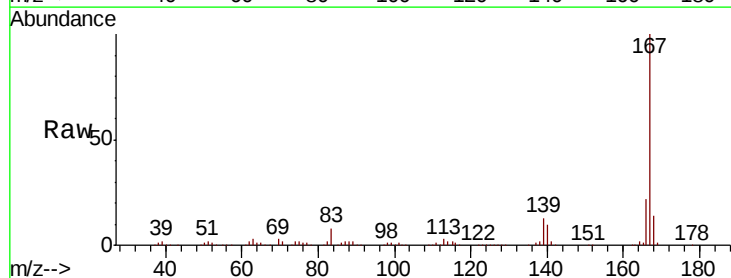
Instrument :
 BNA_F
 ClientSampled :

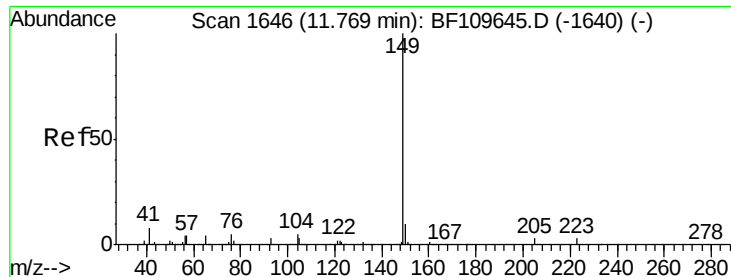
Tot Ion:178 Resp: 794569
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.9 12.6 18.8



#72
 Carbazole
 Concen: 39.316 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:167 Resp: 767982
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.697 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

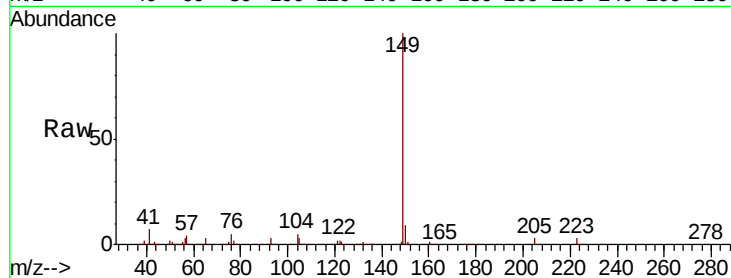
Tot Ion:149 Resp: 876700

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

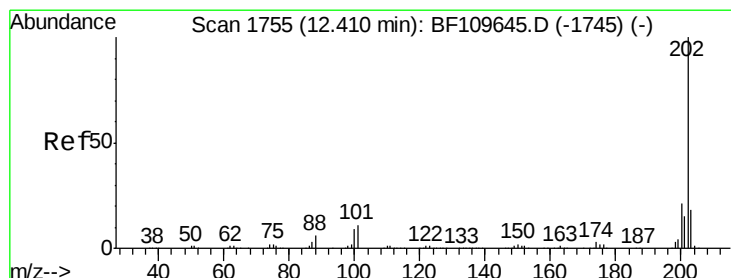
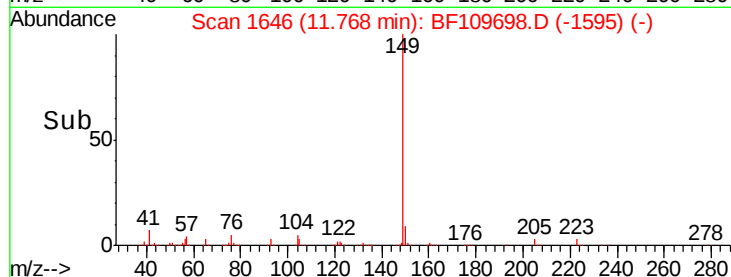
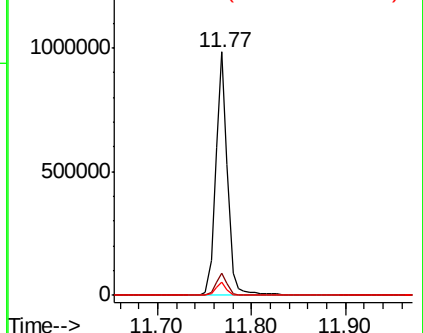
104 5.3 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.958 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

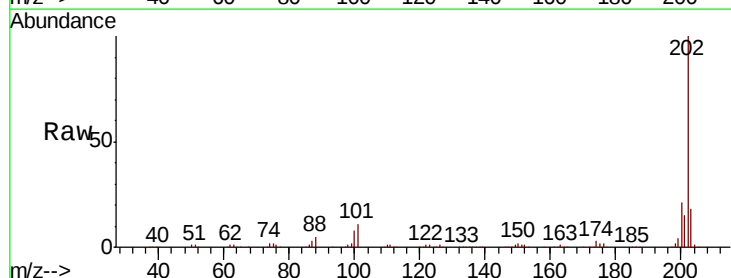
Tgt Ion:202 Resp: 792936

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

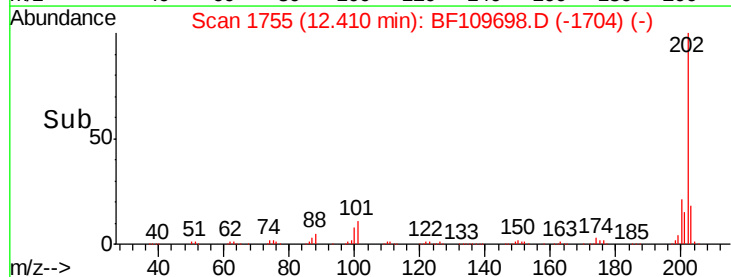
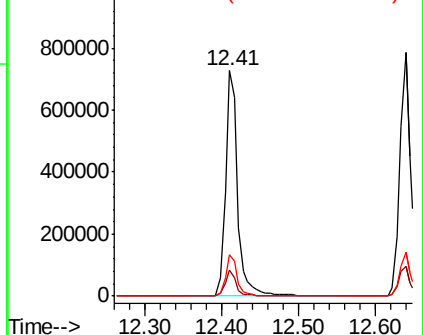
203 18.1 0.0 37.7

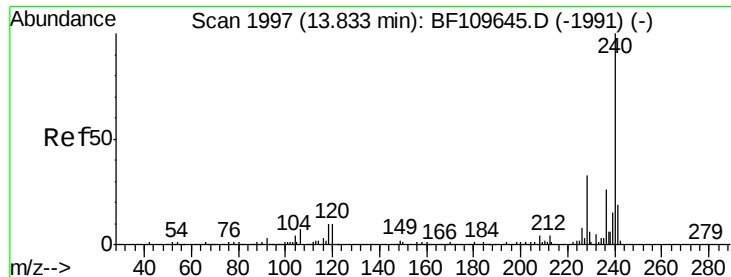


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

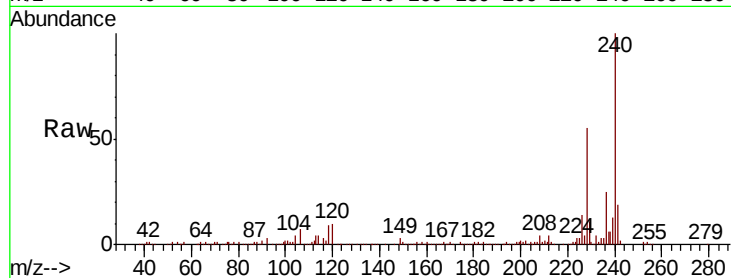
Tot Ion:240 Resp: 284184

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

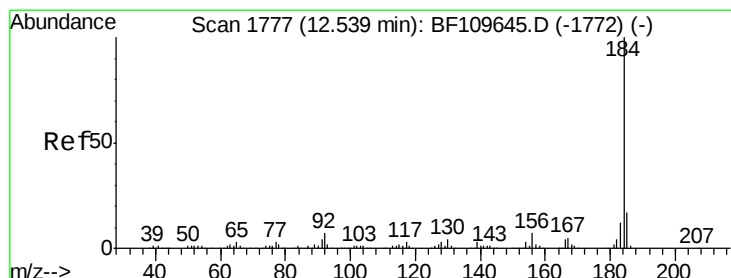
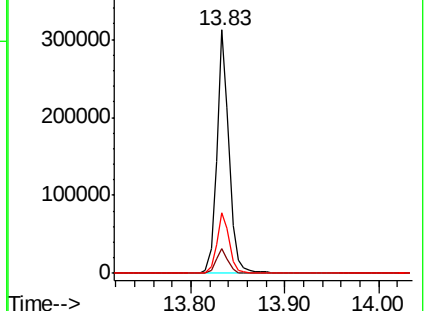
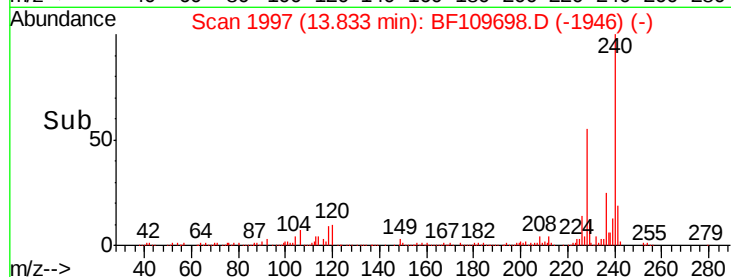
236 25.1 21.2 31.8



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



#76

Benzidine

Concen: 35.944 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

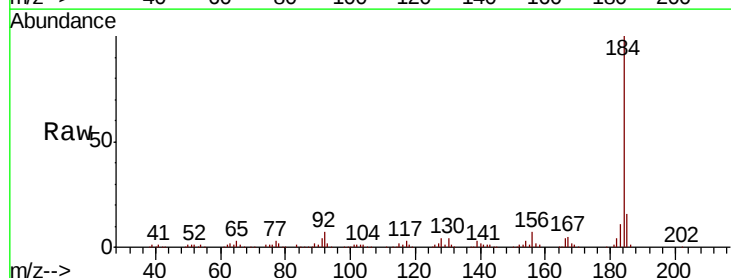
Tgt Ion:184 Resp: 379456

Ion Ratio Lower Upper

184 100

185 15.9 13.4 20.2

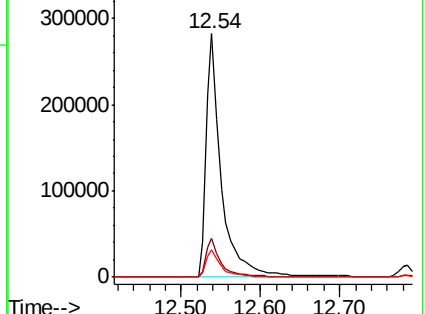
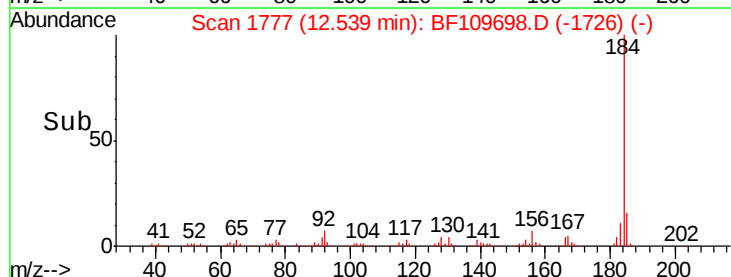
183 11.5 9.4 14.2

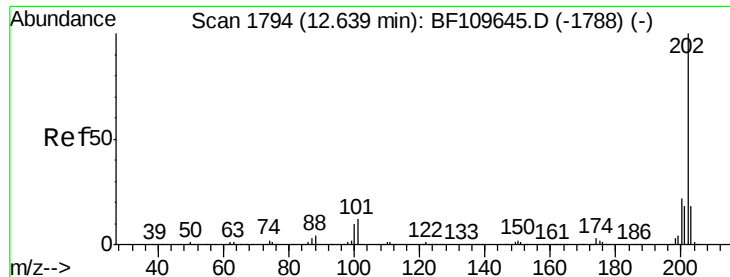


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

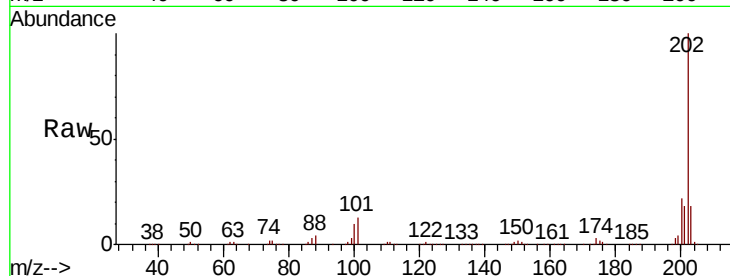




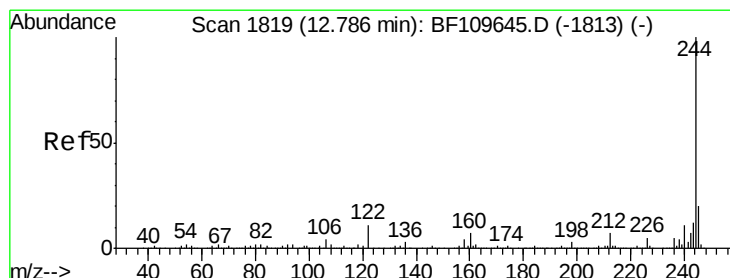
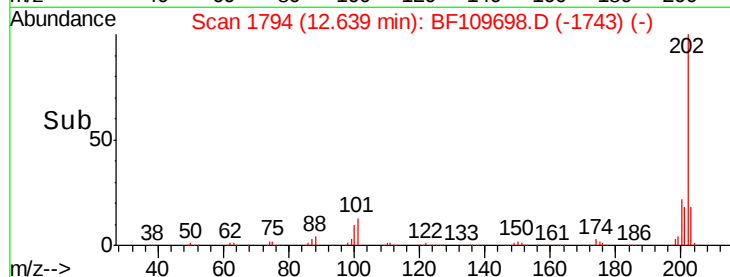
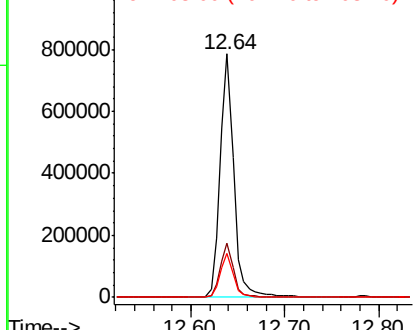
#77
 Pvrene
 Concen: 38.693 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 805643
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.8 26.6
 203 18.1 14.2 21.4

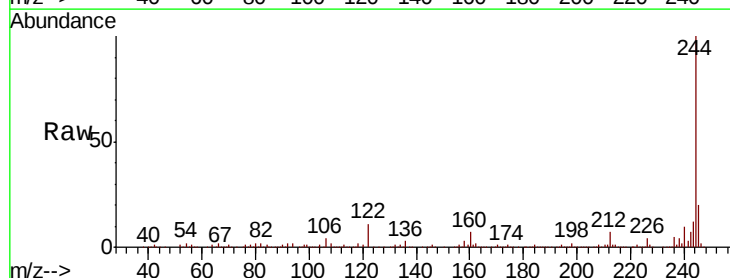


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

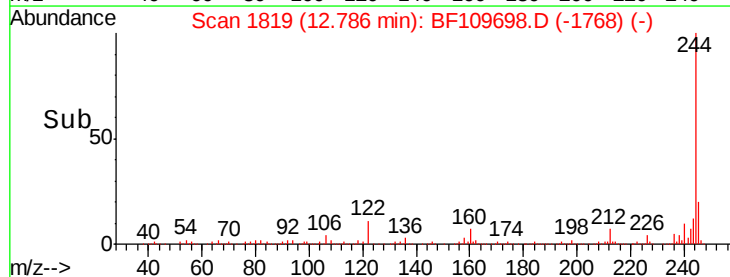
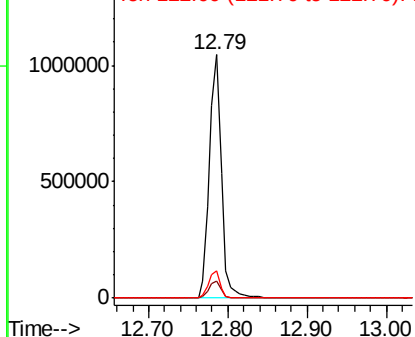


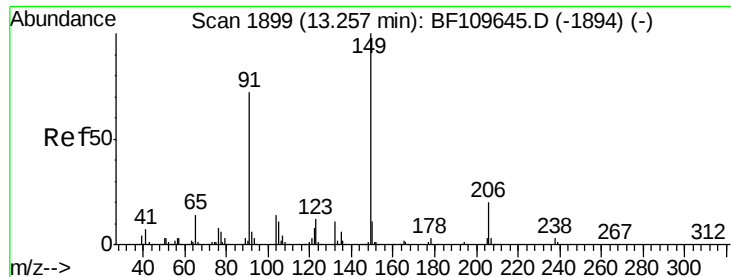
#78
 Terphenyl-d14
 Concen: 75.893 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:244 Resp: 1114117
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.2 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

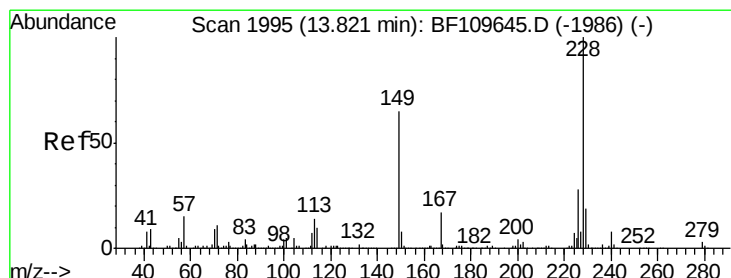
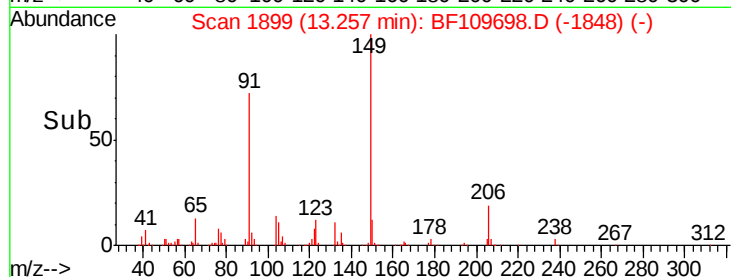
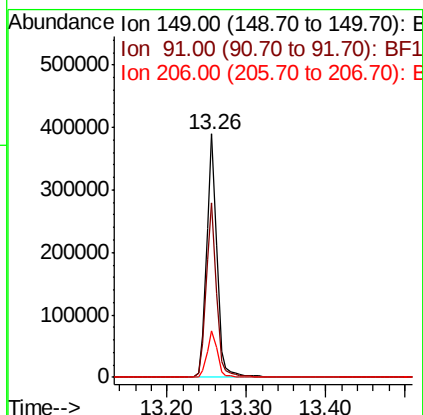
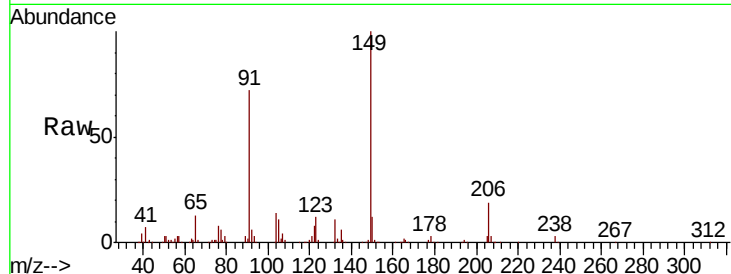




#79
Butylbenzylphthalate
Concen: 39.709 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

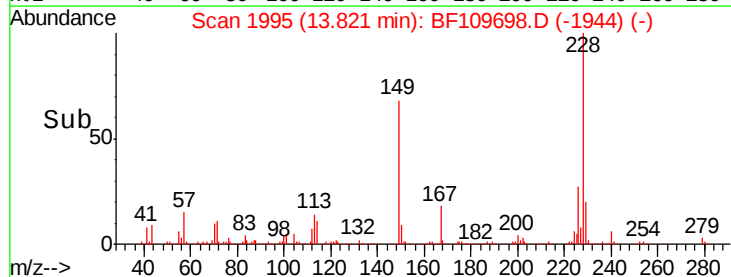
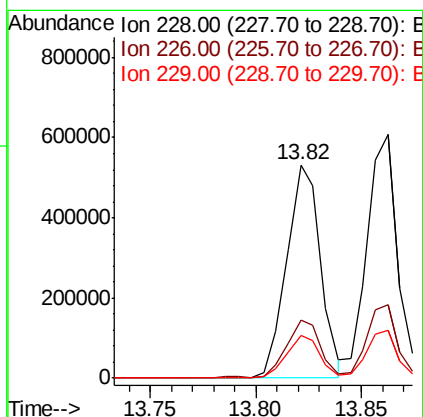
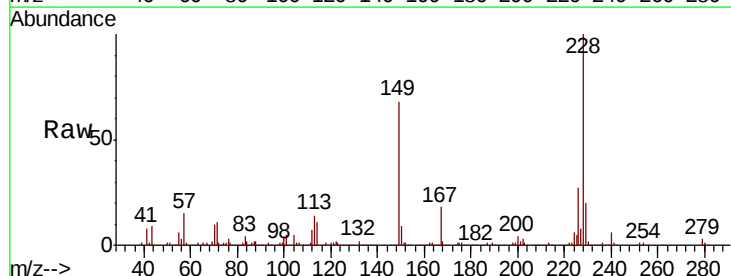
Instrument :
BNA_F
ClientSampleID :

Tot Ion:149 Resp: 358461
Ion Ratio Lower Upper
149 100
91 71.6 57.2 85.8
206 19.4 15.7 23.5



#80
Benzo(a)anthracene
Concen: 37.908 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109698.D
Acq: 9 Oct 2018 16:42

Tgt Ion:228 Resp: 594484
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.0 15.6 23.4

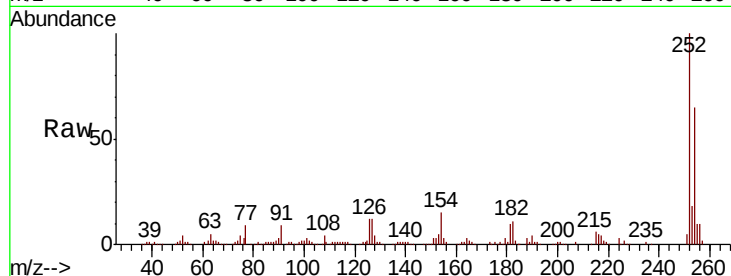




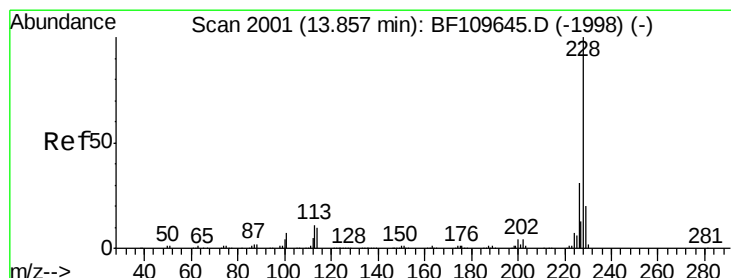
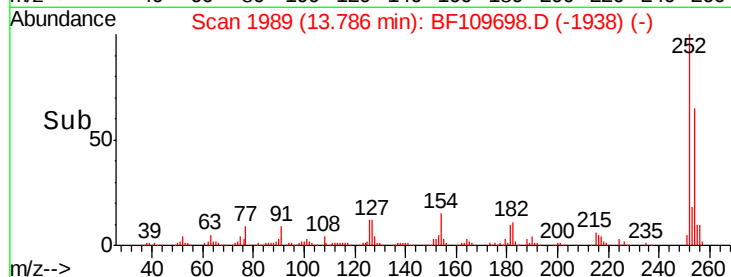
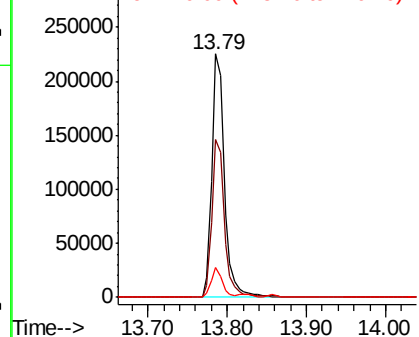
#81
 3,3'-Dichlorobenzidine
 Concen: 39.896 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 251931
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.3 76.9
 126 12.3 9.4 14.2

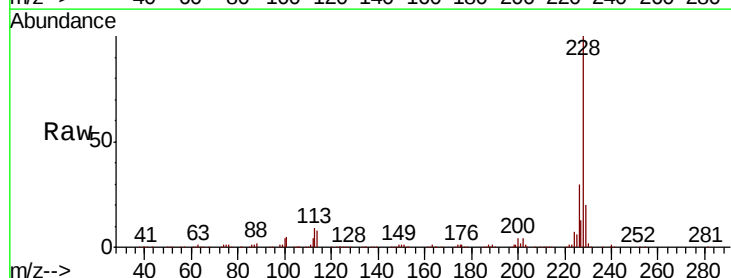


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

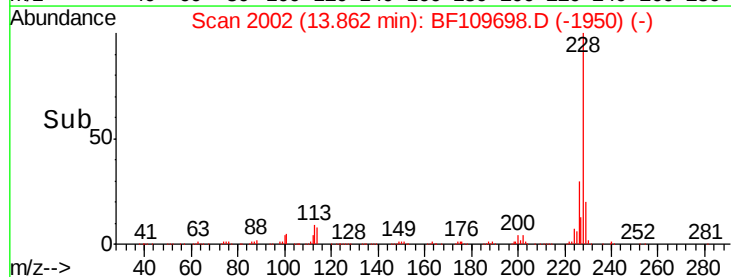
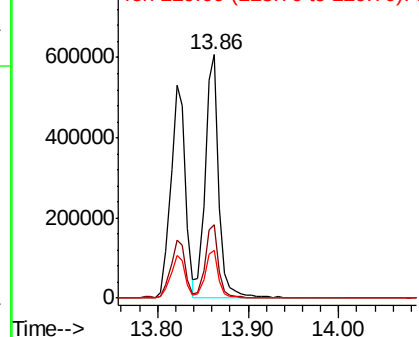


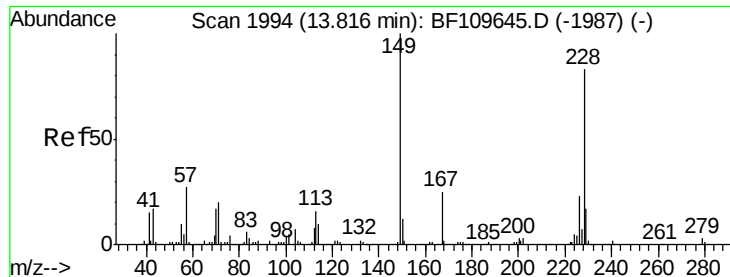
#82
 Chrysene
 Concen: 38.597 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:228 Resp: 635791
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.7 37.1
 229 19.8 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

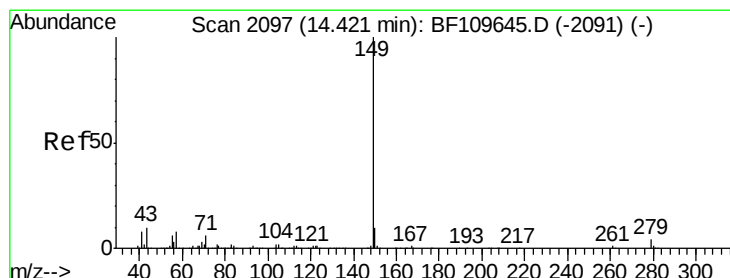
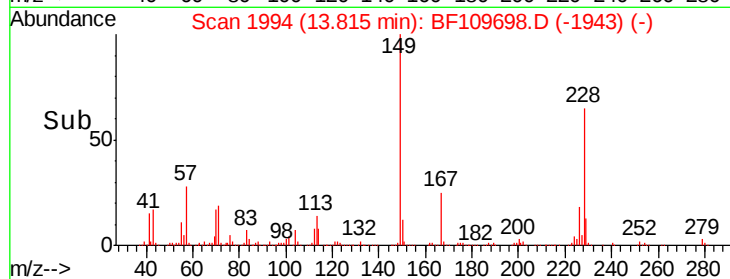
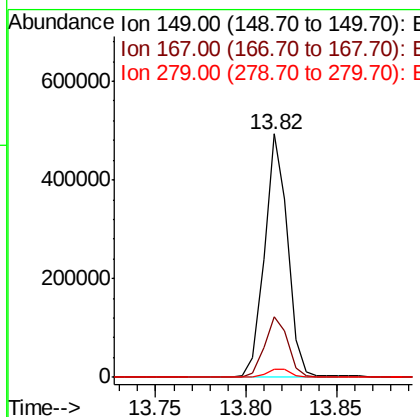
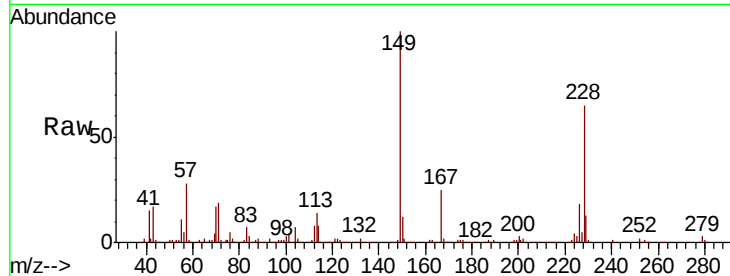




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.585 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

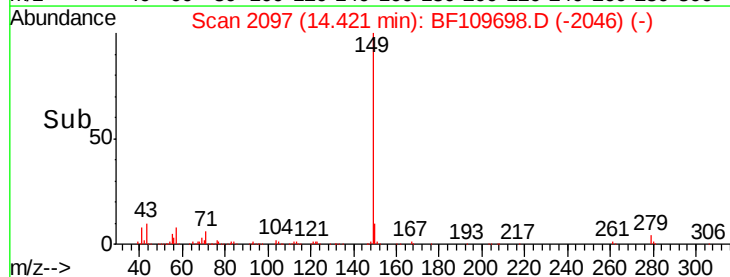
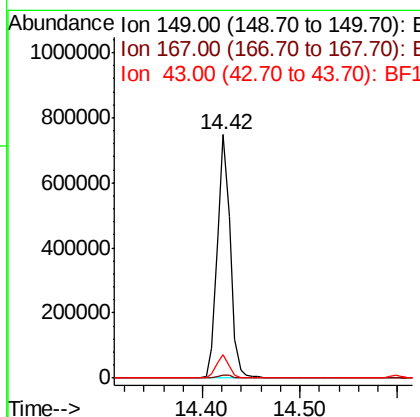
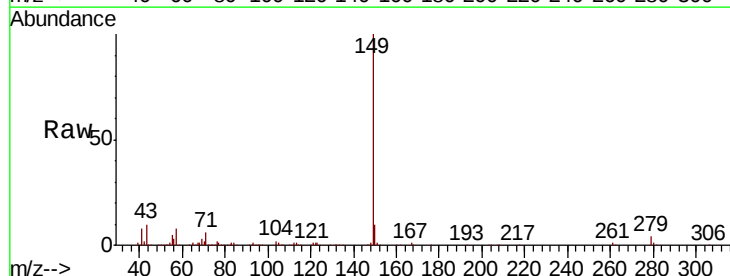
Instrument :
 BNA_F
 ClientSampleId :

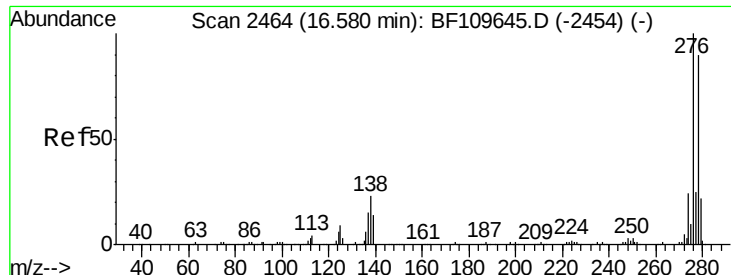
Tot Ion:149 Resp: 435964
 Ion Ratio Lower Upper
 149 100
 167 25.1 19.8 29.8
 279 3.4 2.7 4.1



#84
 Di-n-octyl phthalate
 Concen: 39.678 ng
 RT: 14.42 min Scan# 2097
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:149 Resp: 690716
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.4 7.8 11.8

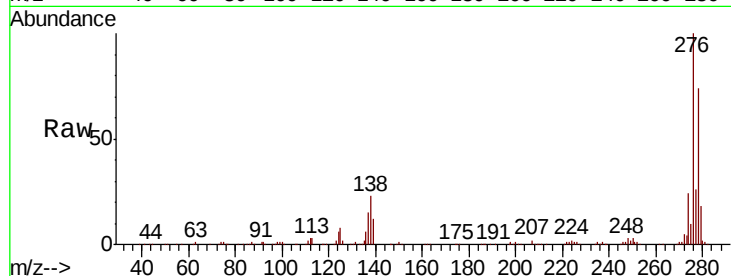




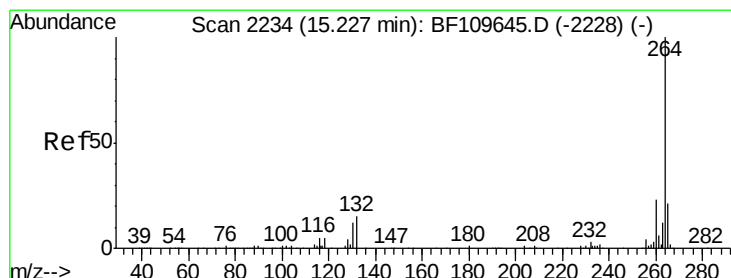
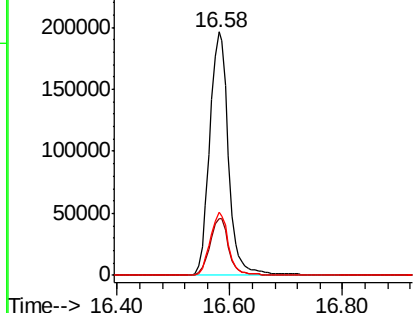
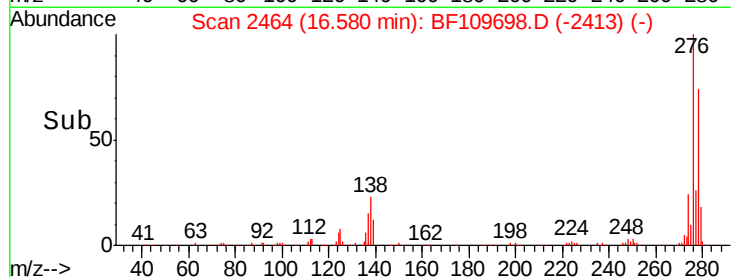
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.550 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 454516
 Ion Ratio Lower Upper
 276 100
 138 23.4 18.5 27.7
 277 25.2 20.0 30.0

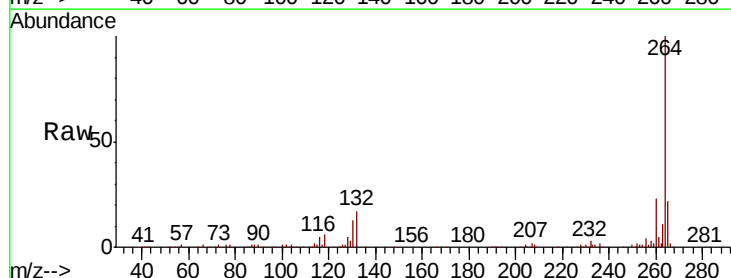


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

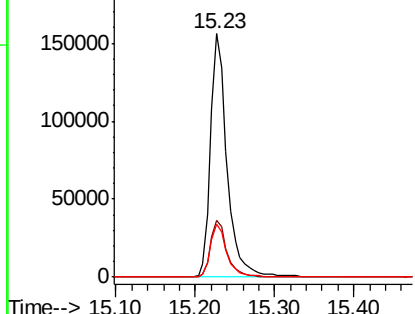
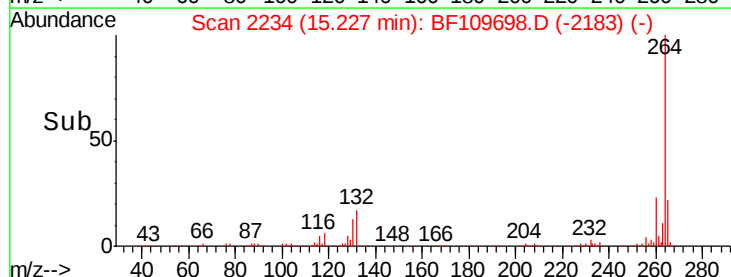


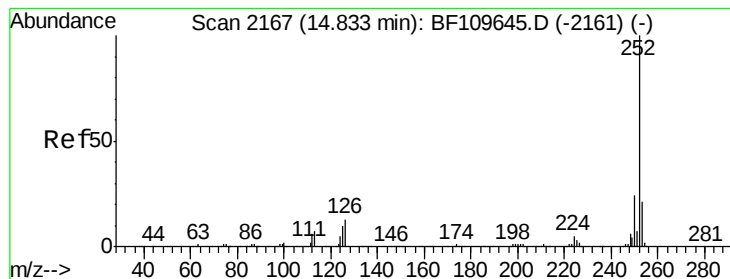
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109698.D
 Acq: 9 Oct 2018 16:42

Tgt Ion:264 Resp: 225831
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.8 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





#87

Benzo(b)fluoranthene

Concen: 40.337 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

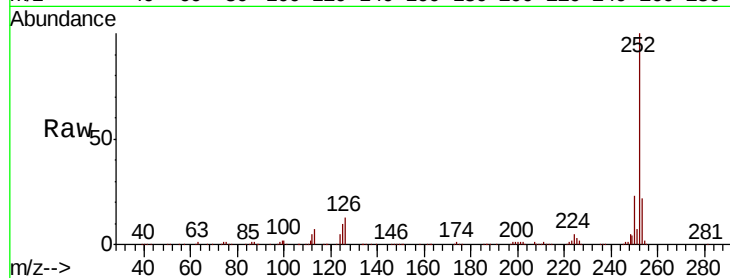
Tot Ion:252 Resp: 503395

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

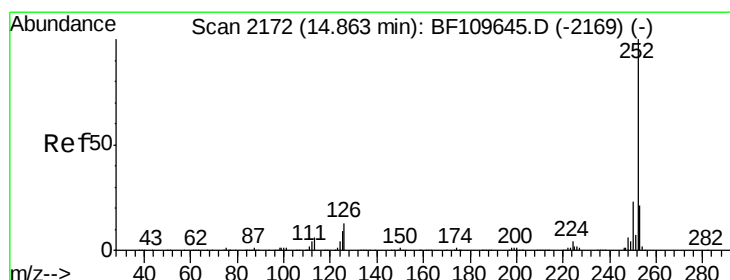
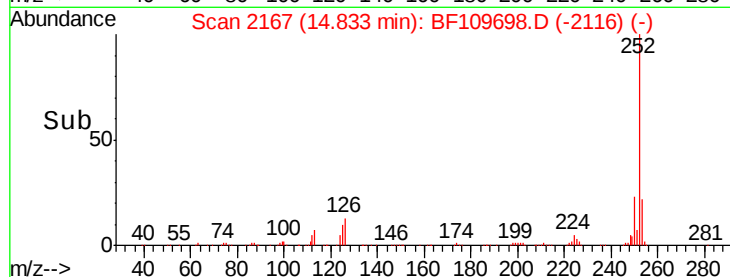
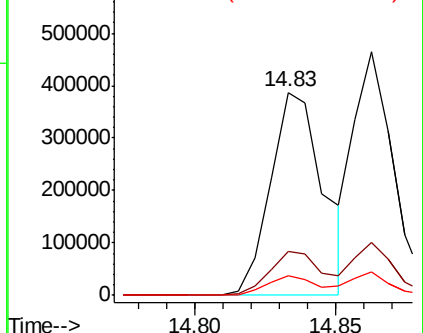
125 9.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.330 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

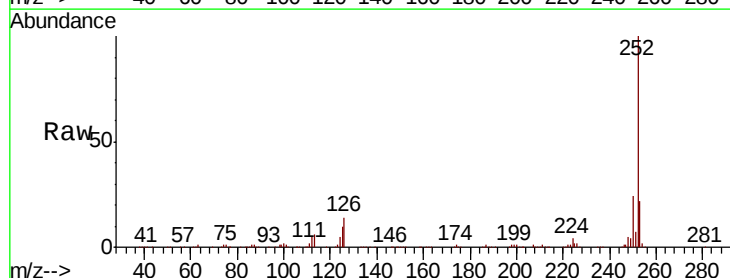
Tgt Ion:252 Resp: 480624

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

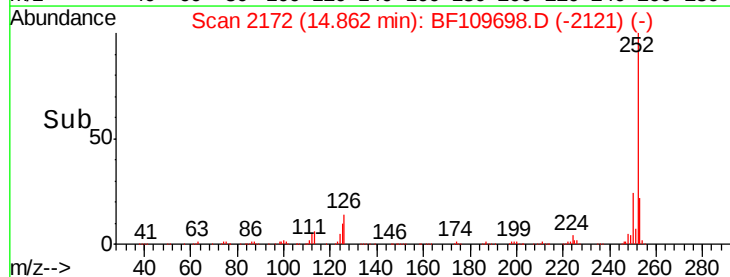
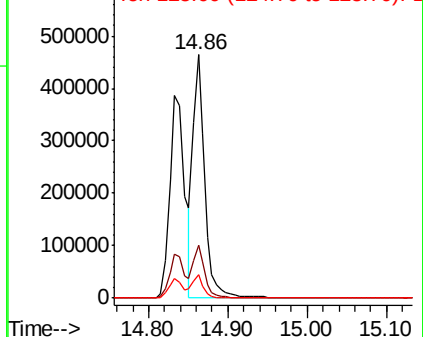
125 9.7 7.4 11.0

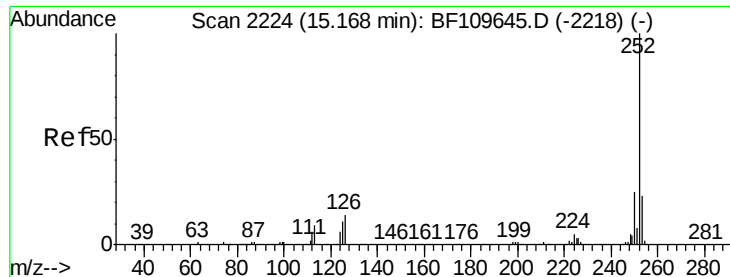


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.103 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

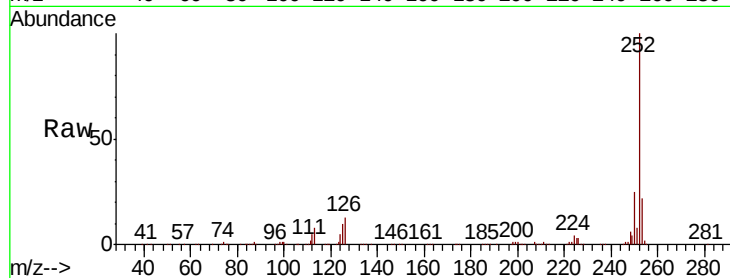
Tot Ion:252 Resp: 442848

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

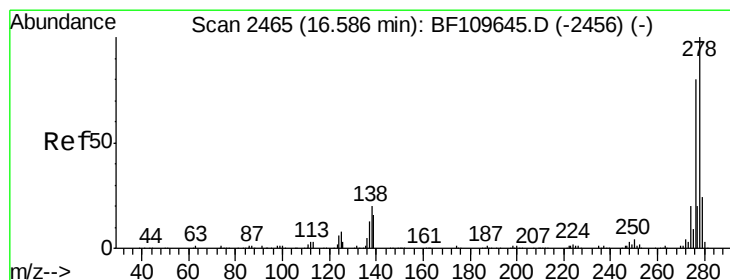
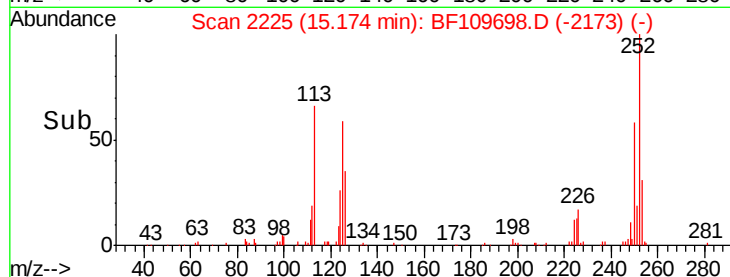
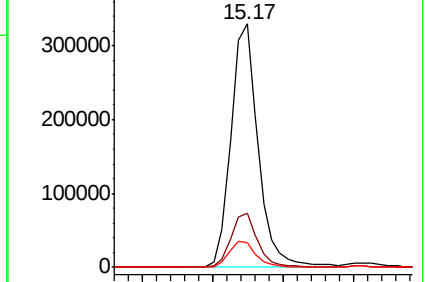
125 10.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.621 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

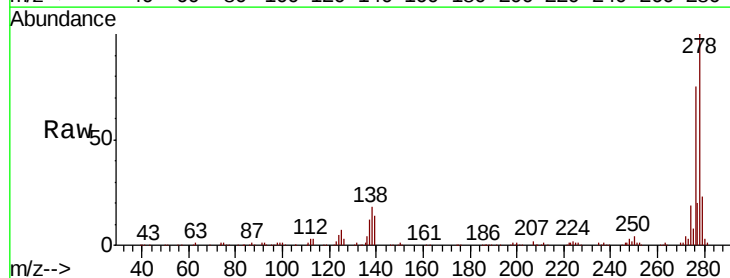
Tgt Ion:278 Resp: 377821

Ion Ratio Lower Upper

278 100

139 14.4 12.7 19.1

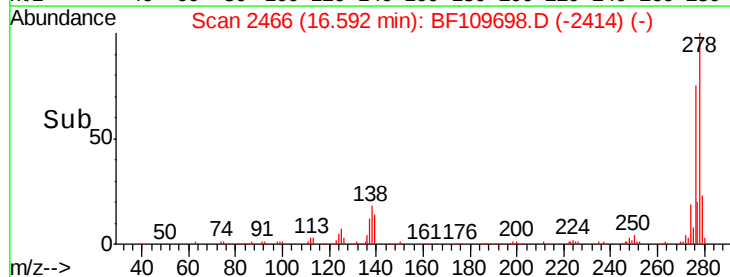
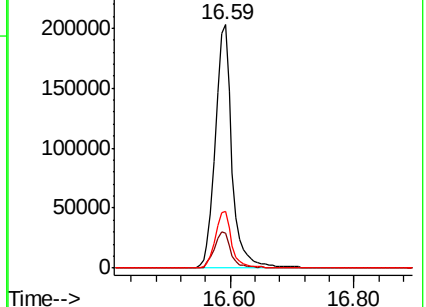
279 23.1 19.0 28.4

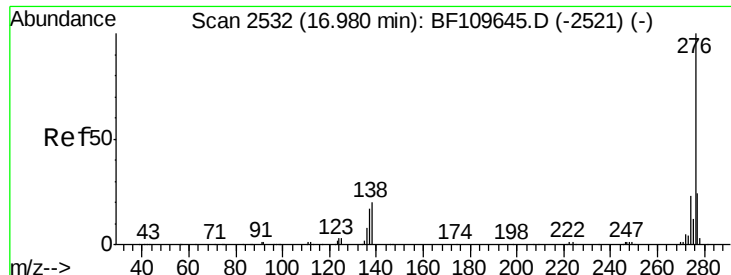


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.168 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF109698.D

Acq: 9 Oct 2018 16:42

Instrument :

BNA_F

ClientSampleId :

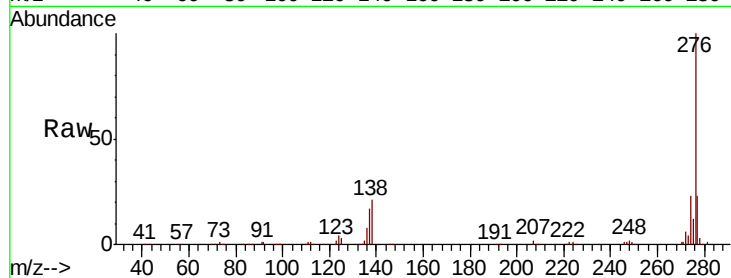
Tot Ion:276 Resp: 382365

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.4 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

