

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109695.D
 Acq On : 9 Oct 2018 15:19
 Operator : JU/SJ
 Sample : PB113600BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 16:17:27 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	86347	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	373764	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	186391	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	361476	20.00	ng	0.00
75) Chrysene-d12	13.83	240	275010	20.00	ng	0.00
86) Perylene-d12	15.23	264	227147	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	666313	136.97	ng	0.01
7) Phenol-d6	6.36	99	848441	130.56	ng	0.00
23) Nitrobenzene-d5	7.26	82	577385	85.15	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	258318	127.19	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1117324	82.56	ng	0.00
78) Terphenyl-d14	12.79	244	1089493	76.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	92360	36.177	ng	98
3) Pyridine	3.21	79	187295	35.559	ng	95
4) n-Nitrosodimethylamine	3.14	42	86828	45.671	ng	99
6) Aniline	6.37	93	261440	34.536	ng	# 76
8) 2-Chlorophenol	6.49	128	262493	43.875	ng	94
9) Benzaldehyde	6.25	77	74072	17.713	ng	97
10) Phenol	6.37	94	303712	40.758	ng	85
11) bis(2-Chloroethyl)ether	6.44	93	217019	35.129	ng	98
12) 1,3-Dichlorobenzene	6.64	146	277368	40.535	ng	99
13) 1,4-Dichlorobenzene	6.72	146	307545	41.231	ng	99
14) 1,2-Dichlorobenzene	6.87	146	283327	43.252	ng	99
15) Benzyl Alcohol	6.85	79	203362	42.212	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	333549	40.718	ng	89
17) 2-Methylphenol	6.97	107	207624	43.885	ng	96
18) Hexachloroethane	7.20	117	107758	40.872	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	186131	40.843	ng	99
20) 3+4-Methylphenols	7.12	107	256156	43.939	ng	# 86
22) Acetophenone	7.11	105	376570	41.664	ng	100
24) Nitrobenzene	7.28	77	278217	39.433	ng	98
25) Isophorone	7.52	82	515038	45.743	ng	100
26) 2-Nitrophenol	7.60	139	140244	42.496	ng	97
27) 2,4-Dimethylphenol	7.65	122	226841	47.599	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	323311	42.452	ng	99
29) 2,4-Dichlorophenol	7.85	162	234052	43.785	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	235053	39.722	ng	99
31) Naphthalene	8.00	128	803731	46.497	ng	100
32) Benzoic acid	7.80	122	119948	35.204	ng	92
33) 4-Chloroaniline	8.06	127	219915	28.890	ng	98
34) Hexachlorobutadiene	8.12	225	142301	38.676	ng	99
35) Caprolactam	8.43	113	33596	21.045	ng	92
36) 4-Chloro-3-methylphenol	8.55	107	244176	43.274	ng	98
37) 2-Methylnaphthalene	8.69	142	522811	46.174	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	241260	38.025	ng	98
40) Hexachlorocyclopentadiene	8.85	237	239213	85.554	ng	100

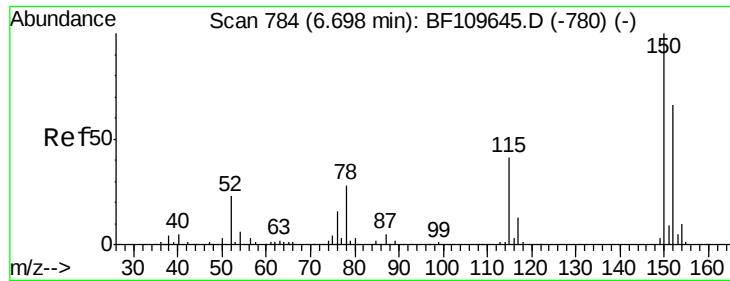
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109695.D
 Acq On : 9 Oct 2018 15:19
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	149511	39.419	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	172817	39.627	nq	98
45) 1,1'-Biphenyl	9.16	154	632129	37.963	nq	99
46) 2-Chloronaphthalene	9.18	162	490457	39.315	nq	99
47) 2-Nitroaniline	9.28	65	155025	41.041	nq	94
48) Acenaphthylene	9.59	152	786282	43.234	nq	100
49) Dimethylphthalate	9.46	163	562580	41.154	nq	99
50) 2,6-Dinitrotoluene	9.52	165	125592	42.384	nq	95
51) Acenaphthene	9.76	154	433587	40.217	nq	99
52) 3-Nitroaniline	9.69	138	95025	28.608	nq	99
53) 2,4-Dinitrophenol	9.80	184	89876	94.009	nq	95
54) Dibenzofuran	9.93	168	662154	40.973	nq	99
55) 4-Nitrophenol	9.87	139	138732	76.304	nq	96
56) 2,4-Dinitrotoluene	9.93	165	154117	41.676	nq	97
57) Fluorene	10.27	166	526306	43.610	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	156905	44.260	nq	99
59) Diethylphthalate	10.16	149	561273	41.439	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	248086	38.965	nq	97
61) 4-Nitroaniline	10.31	138	126762	41.208	nq	97
62) Azobenzene	10.43	77	574971	41.803	nq	99
64) 4,6-Dinitro-2-methylphenol	10.34	198	66591	37.849	nq	98
65) n-Nitrosodiphenylamine	10.39	169	483052	39.420	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	162060	39.019	nq	92
67) Hexachlorobenzene	10.82	284	173209	38.512	nq	# 91
68) Atrazine	10.92	200	155502	40.662	nq	98
69) Pentachlorophenol	11.02	266	166408	65.754	nq	99
70) Phenanthrene	11.23	178	765461	42.315	nq	99
71) Anthracene	11.28	178	825107	44.124	nq	100
72) Carbazole	11.44	167	723218	39.876	nq	100
73) Di-n-butylphthalate	11.77	149	859092	40.840	nq	100
74) Fluoranthene	12.41	202	824620	43.635	nq	99
76) Benzidine	12.54	184	398966	39.053	nq	97
77) Pyrene	12.64	202	820255	40.709	nq	100
79) Butylbenzylphthalate	13.26	149	360460	41.263	nq	98
80) Benzo(a)anthracene	13.83	228	659631	43.465	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	176437	28.873	nq	100
82) Chrysene	13.86	228	651845	40.892	nq	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	442873	41.554	nq	99
84) Di-n-octyl phthalate	14.42	149	747176	44.353	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	496680	43.531	nq	100
87) Benzo(b)fluoranthene	14.84	252	544651	43.390	nq	98
88) Benzo(k)fluoranthene	14.86	252	537498	42.617	nq	99
89) Benzo(a)pyrene	15.17	252	500116	43.904	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	407030	43.508	nq	97
91) Benzo(g,h,i)perylene	16.99	276	414796	44.401	nq	99

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

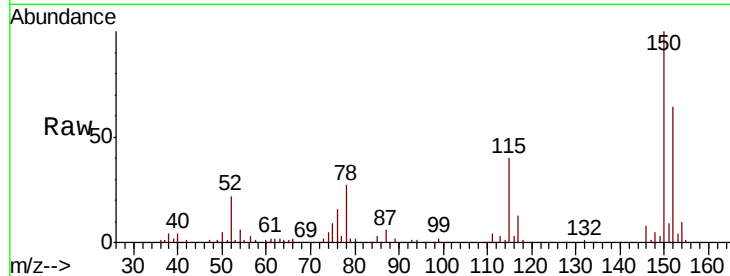


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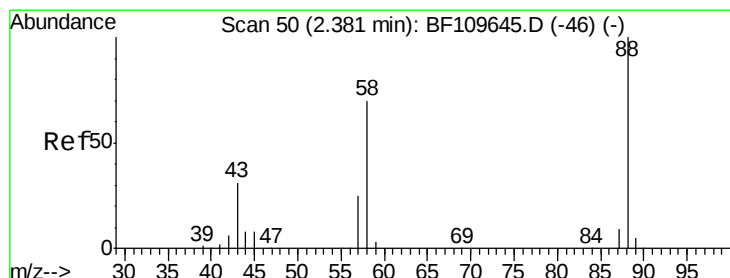
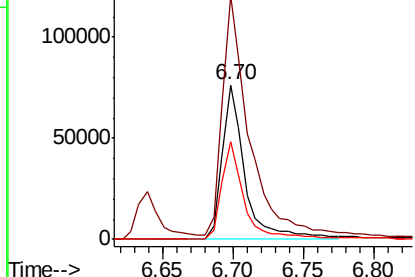
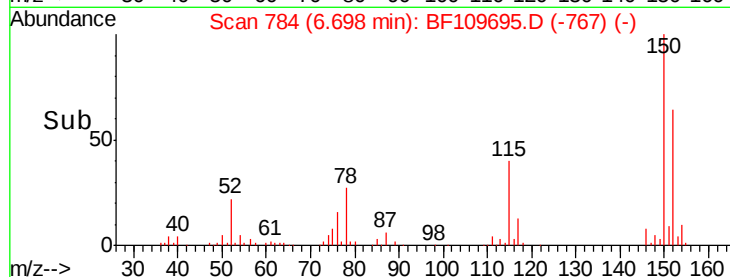
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86347
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 63.2 49.1 73.7



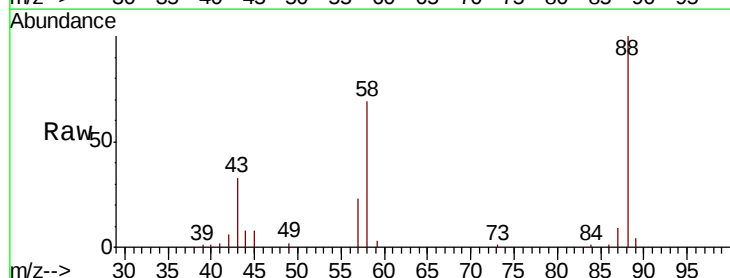
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



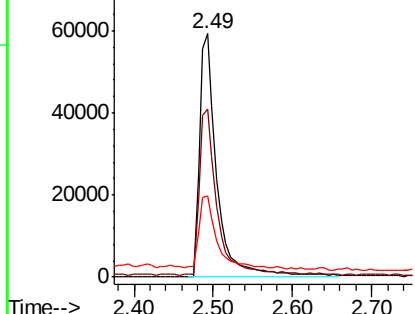
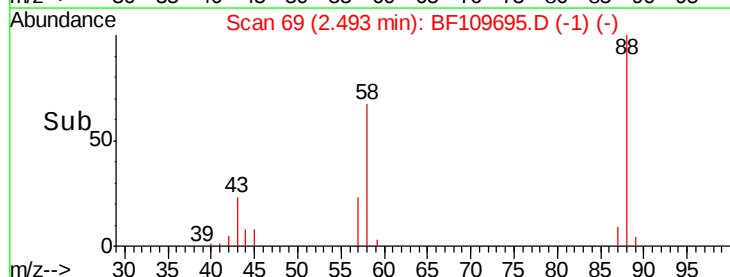
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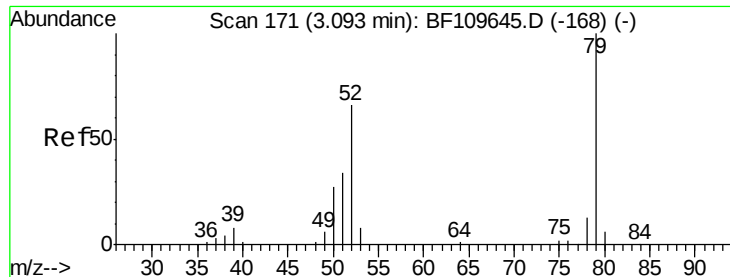
1,4-Dioxane
Concen: 36.177 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.11 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion: 88 Resp: 92360
Ion Ratio Lower Upper
88 100
58 69.5 57.1 85.7
43 31.3 24.1 36.1



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





#3

Pvridine

Concen: 35.559 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.12 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

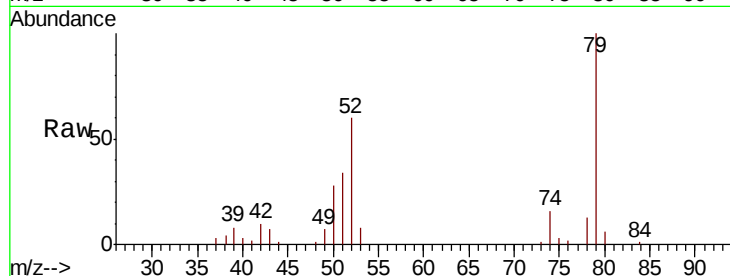
Tot Ion: 79 Resp: 187295

Ion Ratio Lower Upper

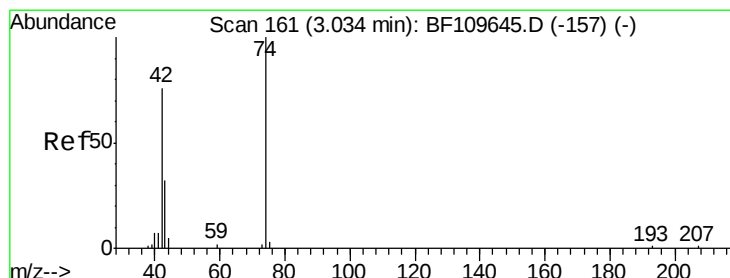
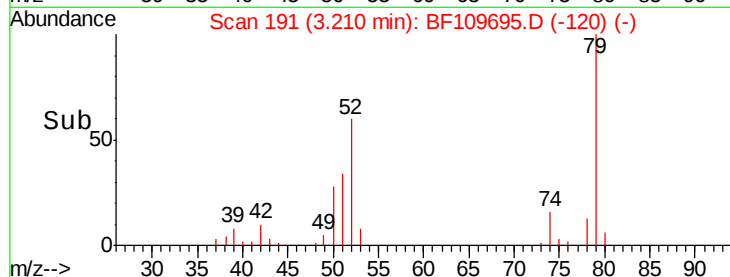
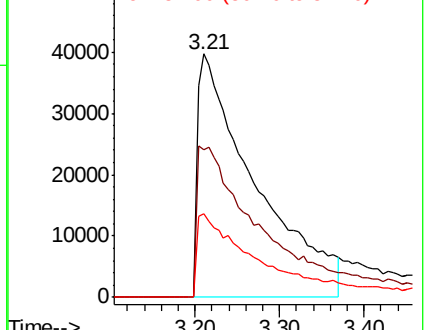
79 100

52 60.4 53.1 79.7

51 34.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.671 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.11 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

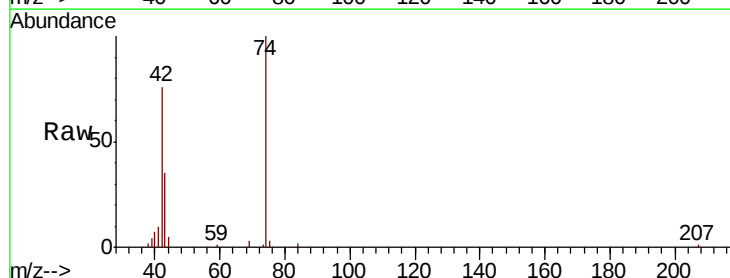
Tgt Ion: 42 Resp: 86828

Ion Ratio Lower Upper

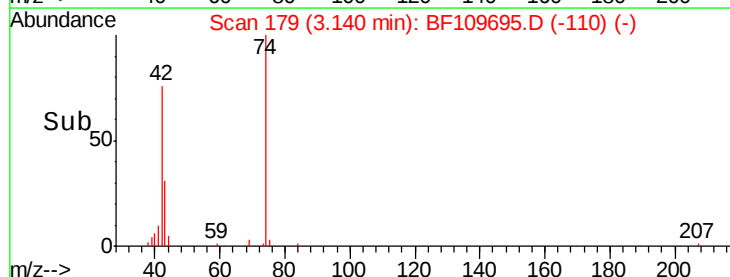
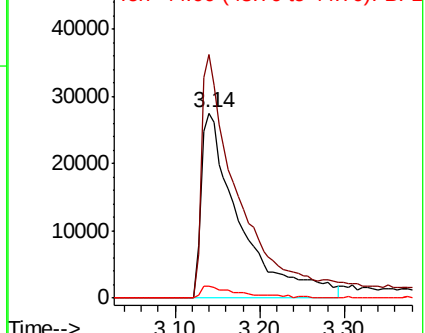
42 100

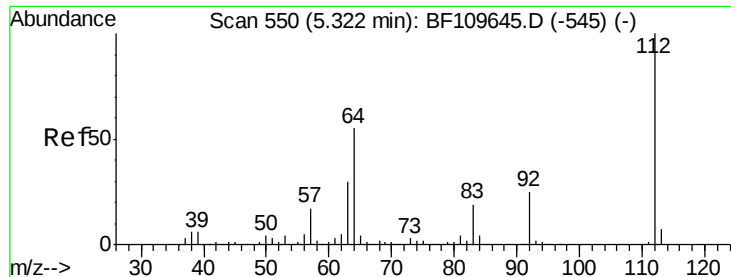
74 131.3 105.5 158.3

44 6.5 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 136.974 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

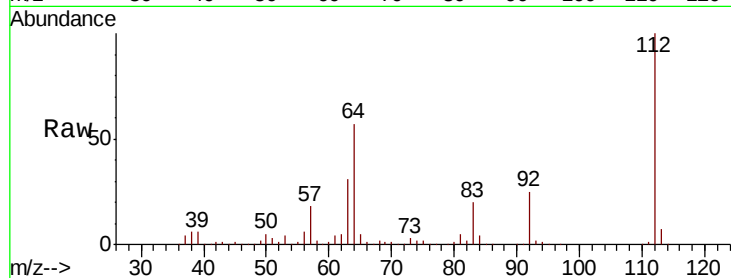
Tot Ion:112 Resp: 666313

Ion Ratio Lower Upper

112 100

64 57.2 44.1 66.1

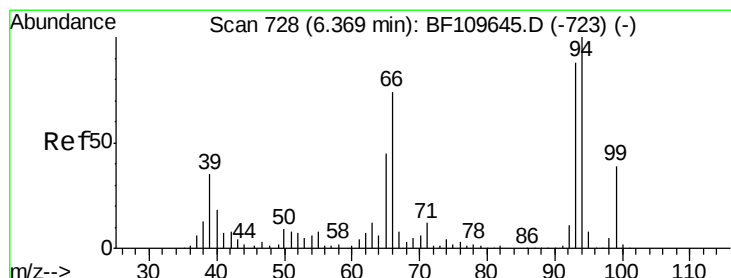
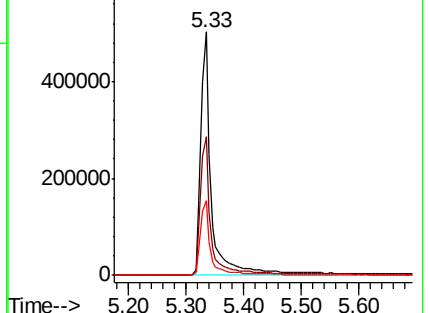
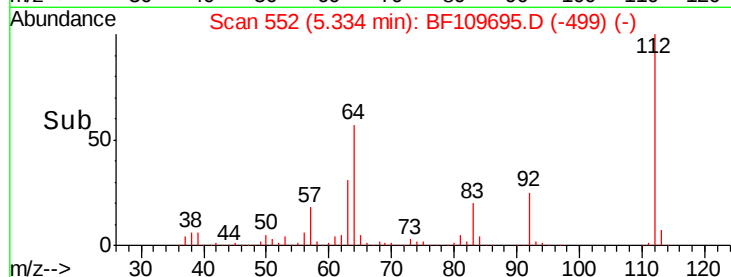
63 30.6 23.7 35.5



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: 34.536 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

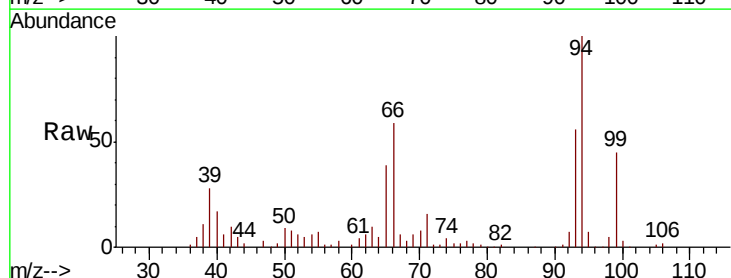
Tgt Ion: 93 Resp: 261440

Ion Ratio Lower Upper

93 100

66 105.4 67.4 101.0#

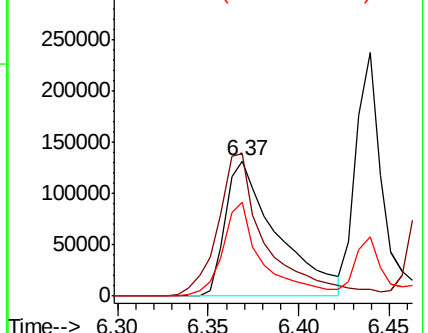
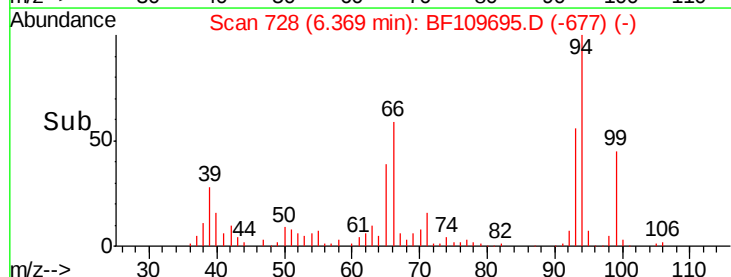
65 69.5 41.0 61.4#

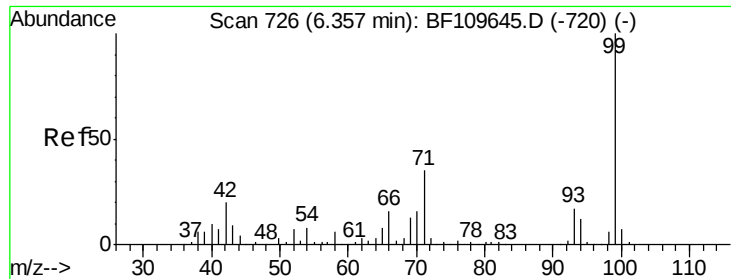


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.560 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

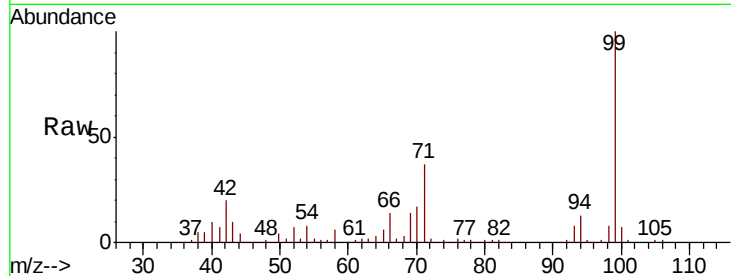
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 848441

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	36.8	28.0	42.0

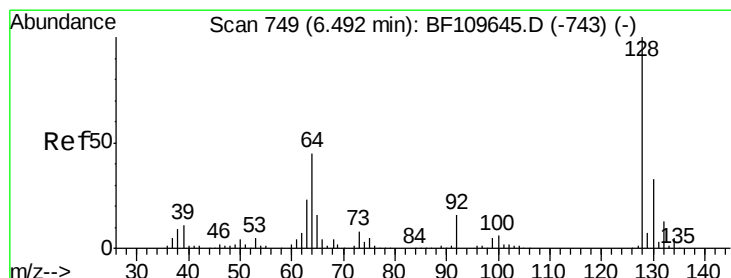
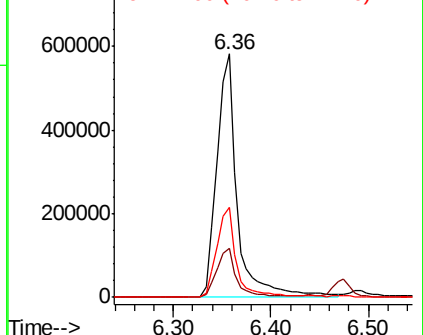
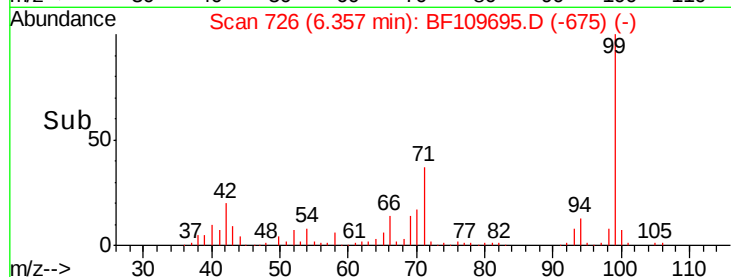


Abundance

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: 43.875 ng

RT: 6.49 min Scan# 748

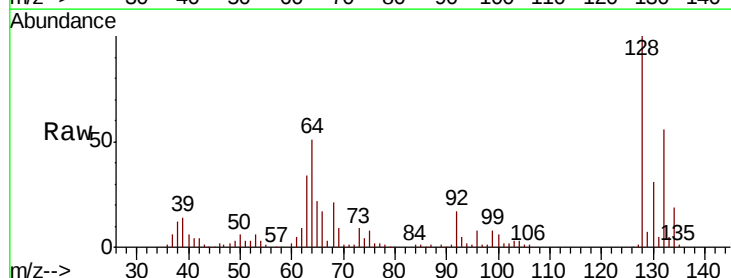
Delta R.T. -0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Tgt Ion: 128 Resp: 262493

Ion	Ratio	Lower	Upper
128	100		
130	30.8	13.1	53.1
64	51.3	26.0	66.0

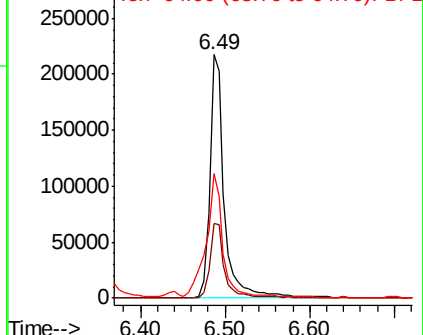
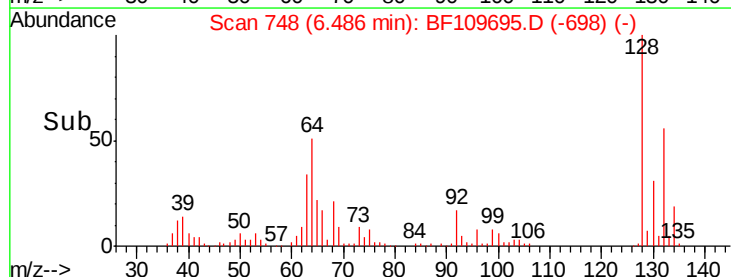


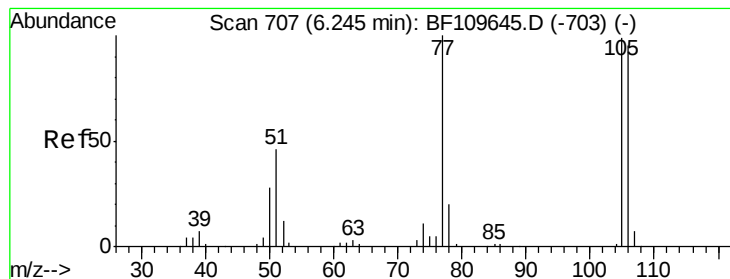
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.713 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

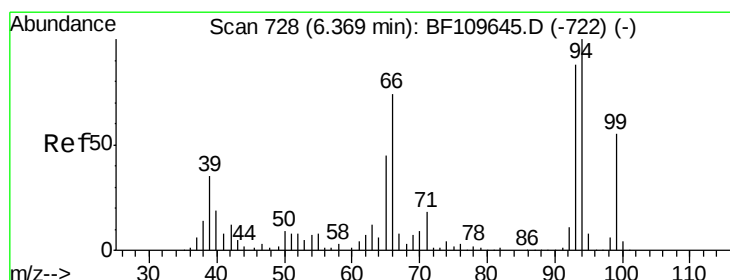
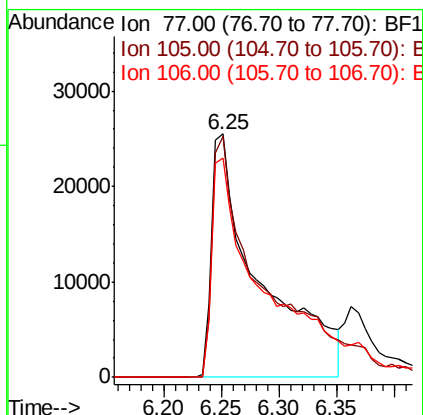
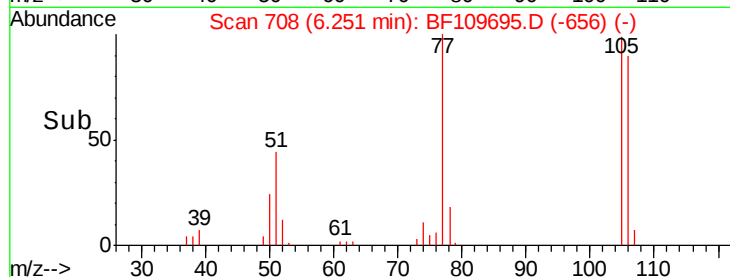
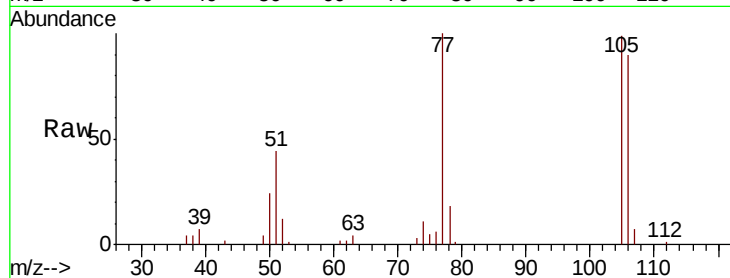
Tot Ion: 77 Resp: 74072

Ion Ratio Lower Upper

77 100

105 99.1 78.6 118.6

106 90.0 74.8 114.8



#10

Phenol

Concen: 40.758 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

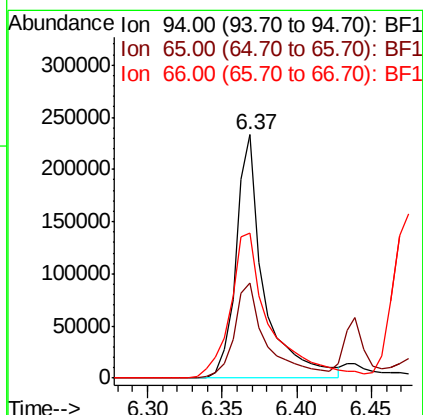
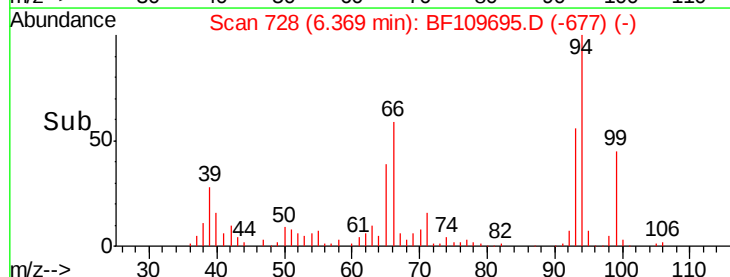
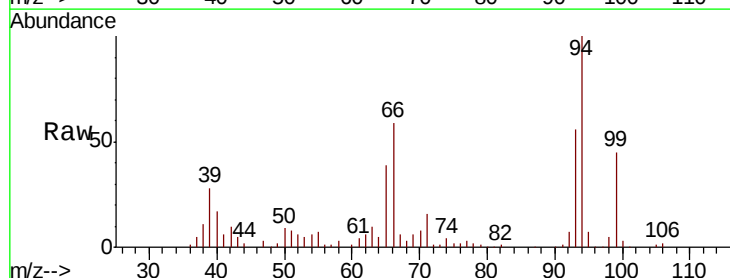
Tgt Ion: 94 Resp: 303712

Ion Ratio Lower Upper

94 100

65 39.2 25.3 65.3

66 59.5 54.5 94.5

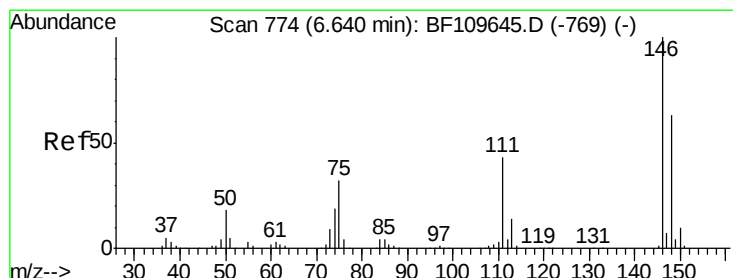
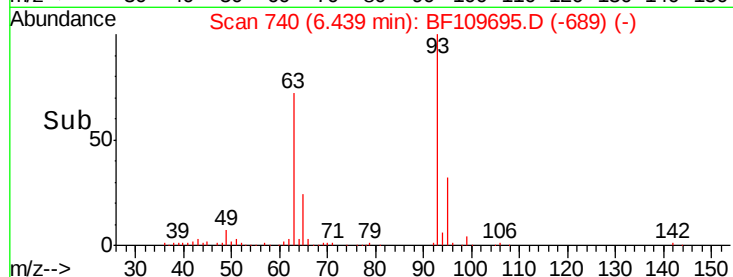
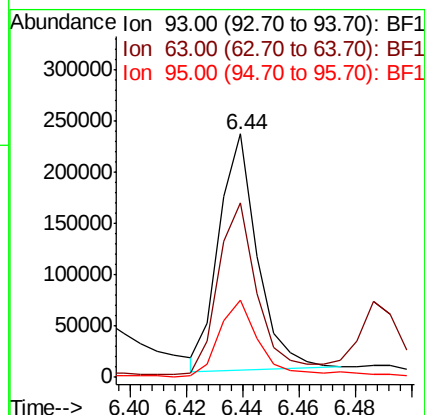
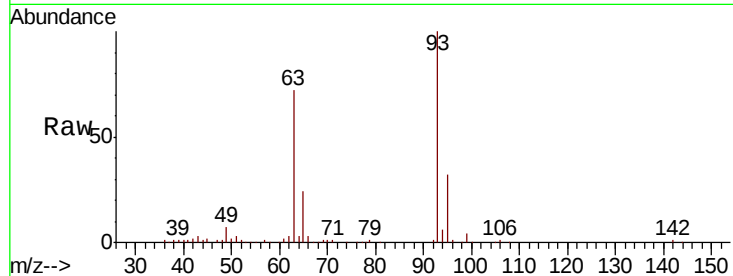




#11
bis(2-Chloroethyl)ether
Concen: 35.129 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

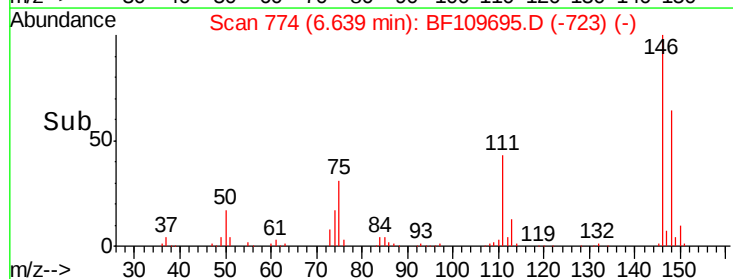
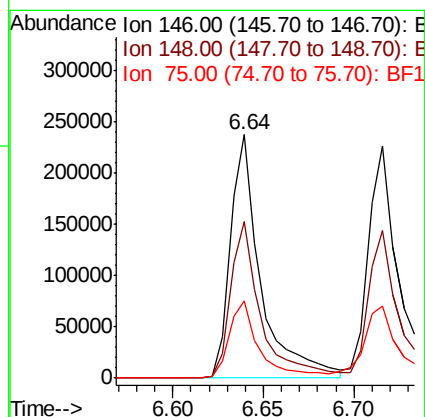
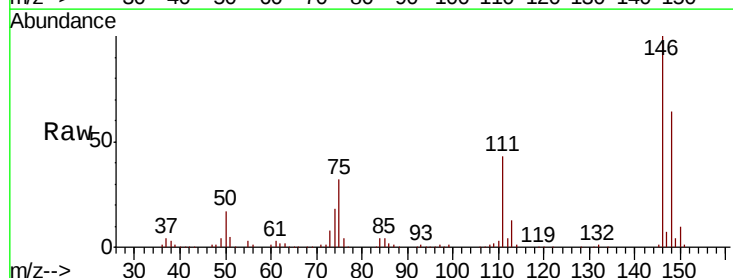
Instrument :
BNA_F
ClientSampleId :

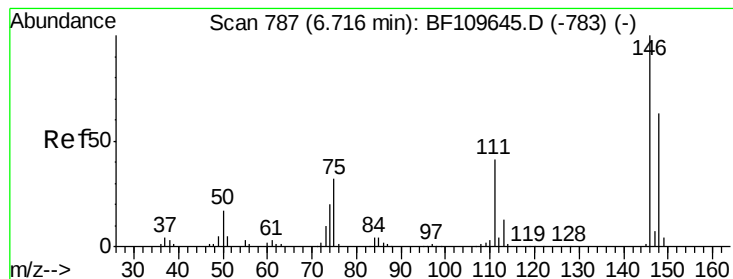
Tot Ion: 93 Resp: 217019
Ion Ratio Lower Upper
93 100
63 71.6 53.4 93.4
95 31.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.535 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion: 146 Resp: 277368
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
75 31.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 41.231 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

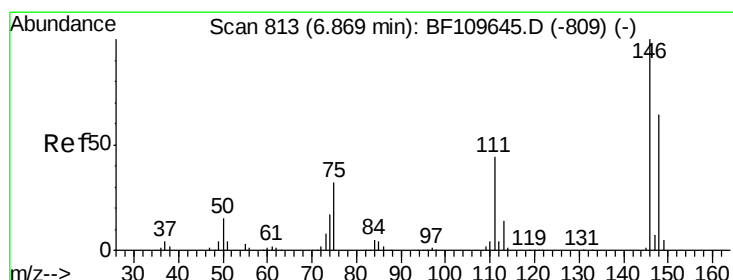
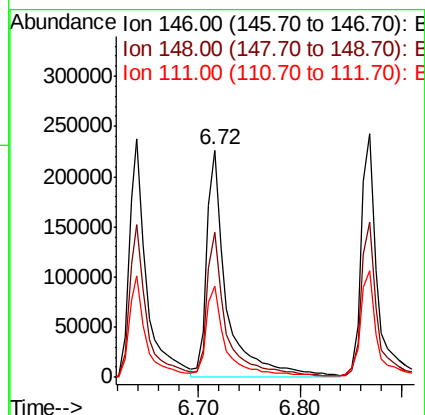
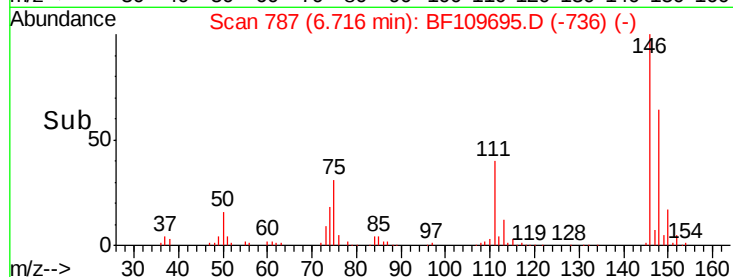
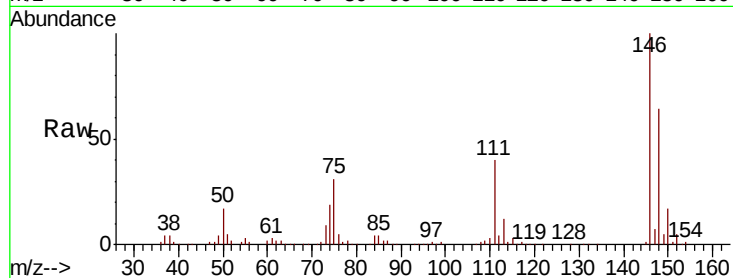
Tot Ion:146 Resp: 307545

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

111 40.3 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 43.252 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

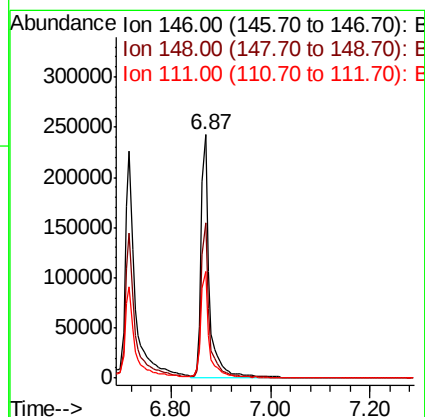
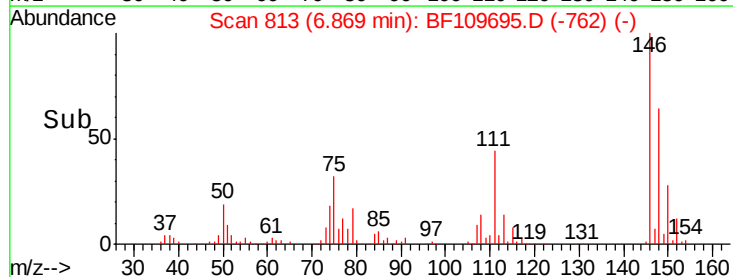
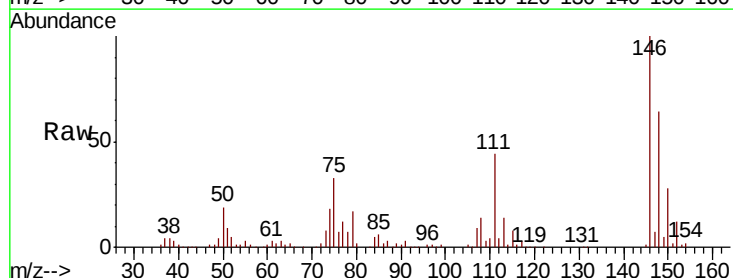
Tgt Ion:146 Resp: 283327

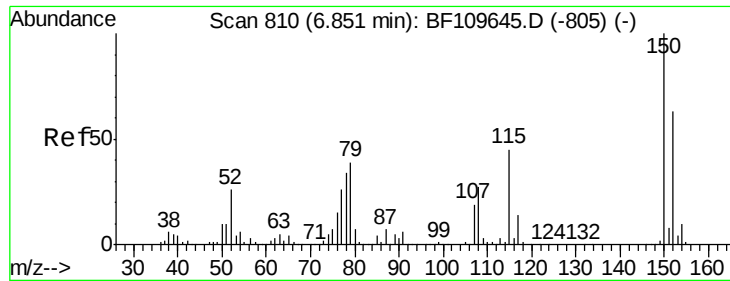
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 43.9 35.8 53.6





#15

Benzyl Alcohol

Concen: 42.212 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

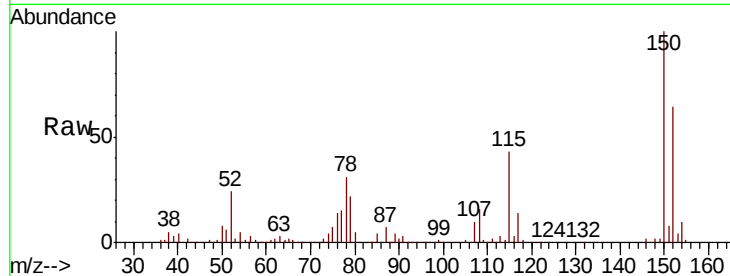
Tot Ion: 79 Resp: 203362

Ion Ratio Lower Upper

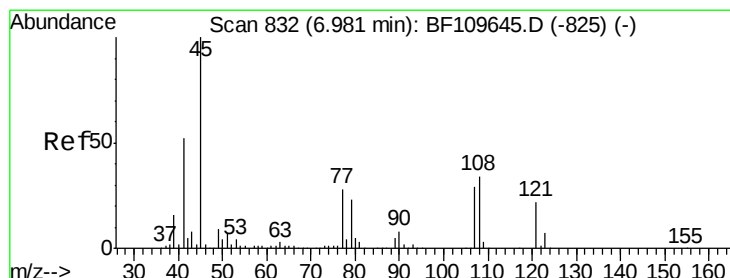
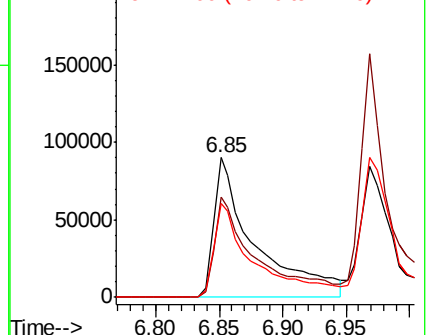
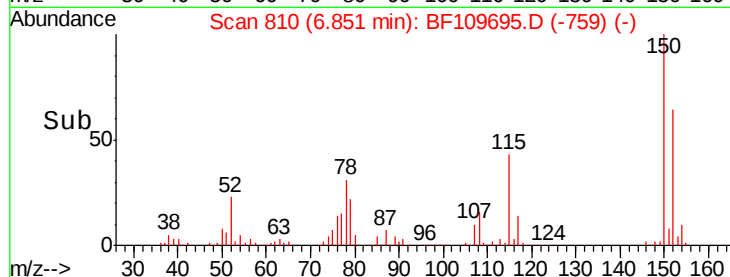
79 100

108 71.6 56.3 84.5

77 67.5 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: 40.718 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

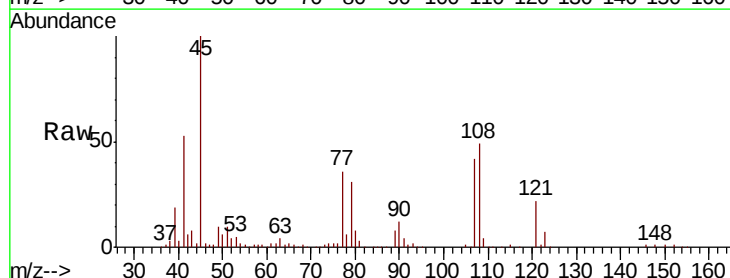
Tgt Ion: 45 Resp: 333549

Ion Ratio Lower Upper

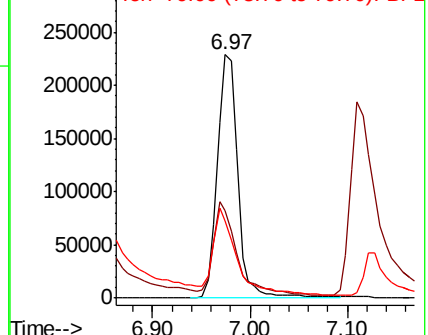
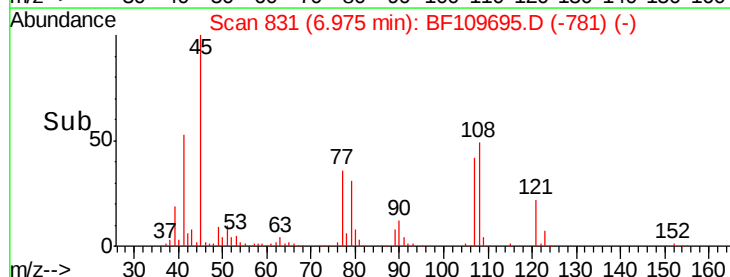
45 100

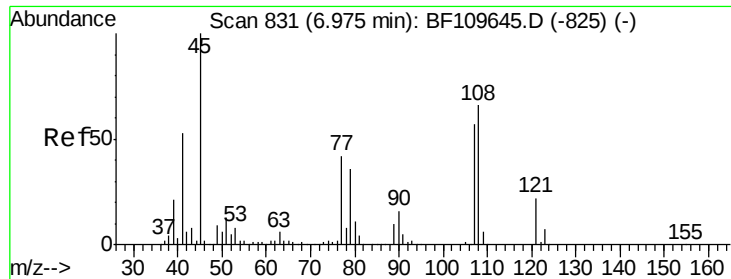
77 35.7 10.0 50.0

79 31.5 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

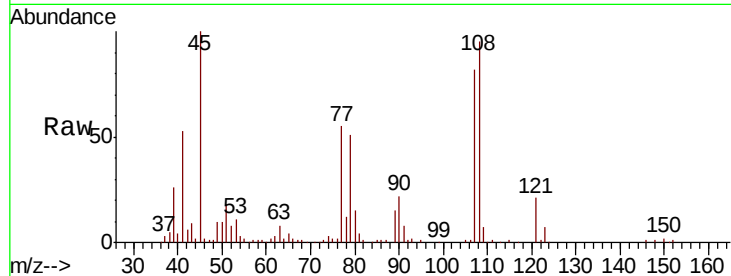




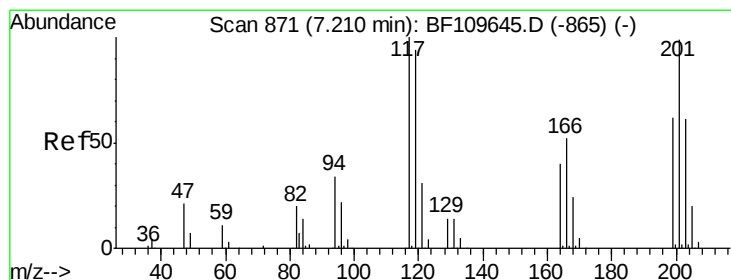
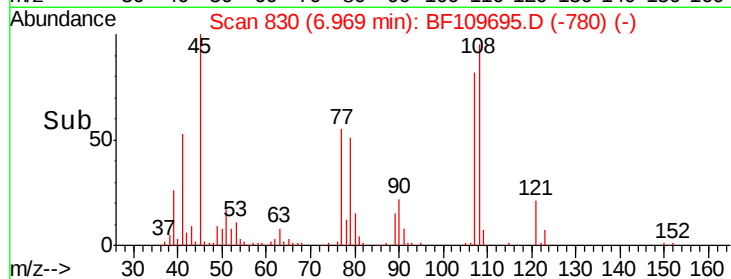
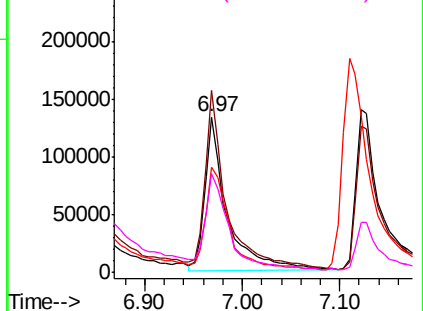
#17
2-Methylphenol
Concen: 43.885 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	207624
Ion	Ratio	Lower	Upper
107	100		
108	116.9	92.6	138.8
77	67.2	59.4	89.2
79	63.2	54.0	81.0

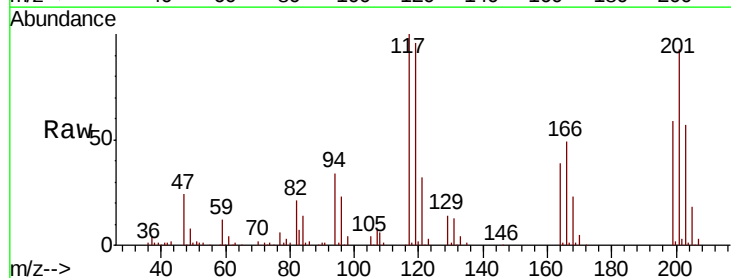


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

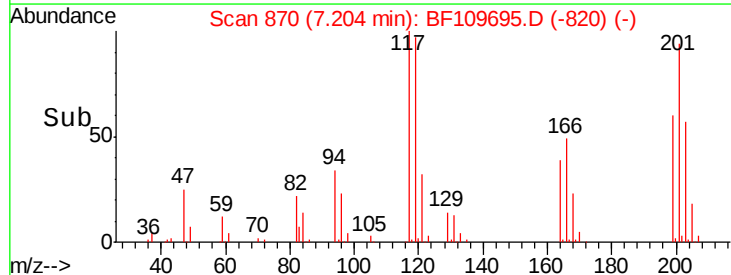
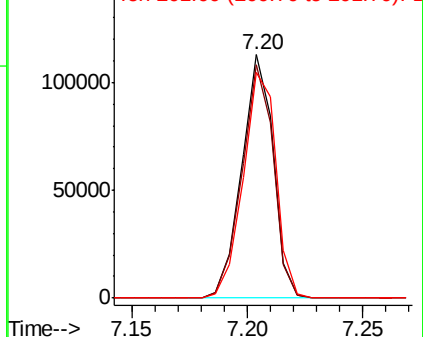


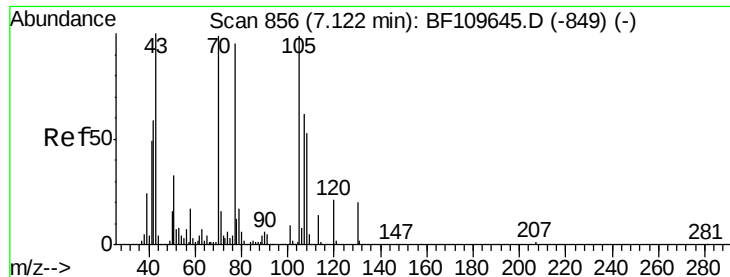
#18
Hexachloroethane
Concen: 40.872 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:	117	Resp:	107758
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
201	92.9	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

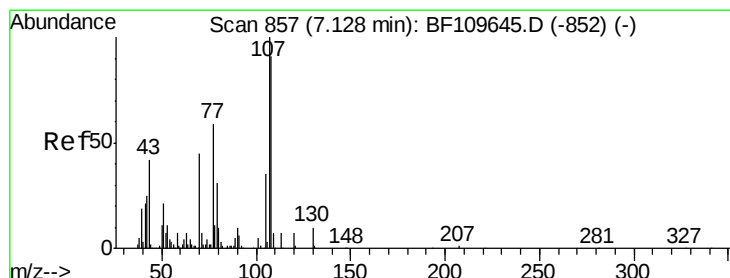
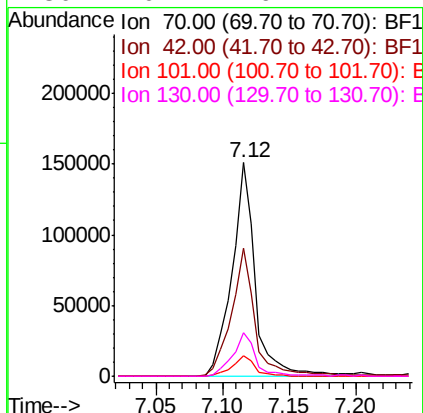
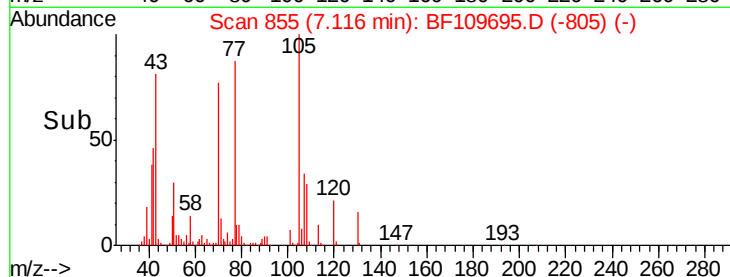
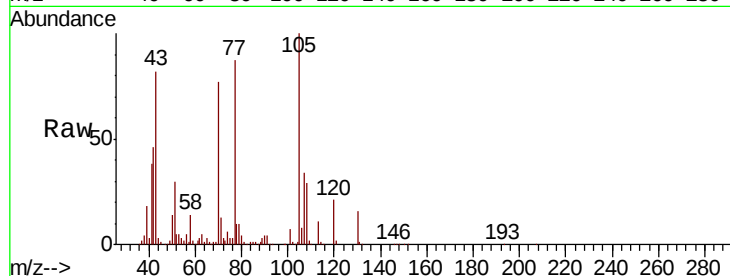




#19
n-Nitroso-di-n-propylamine
Concen: 40.843 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

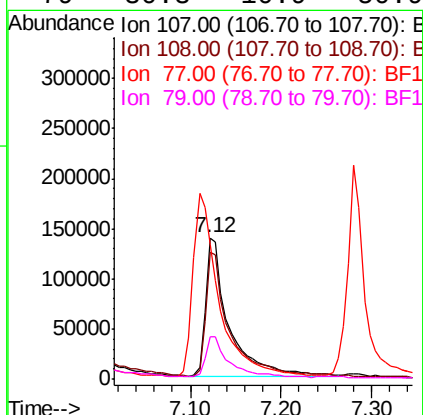
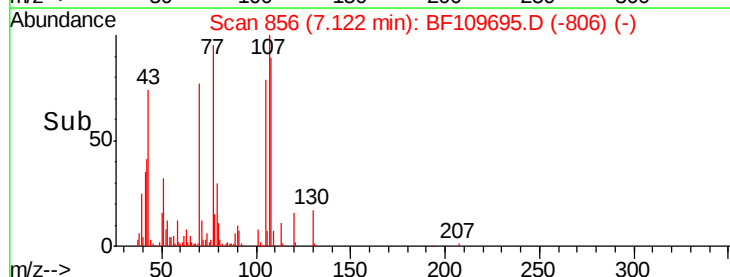
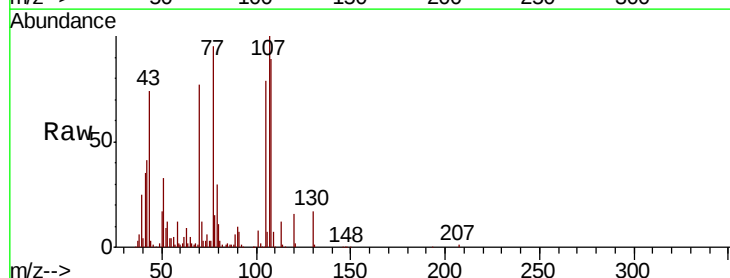
Instrument :
BNA_F
ClientSampleId :

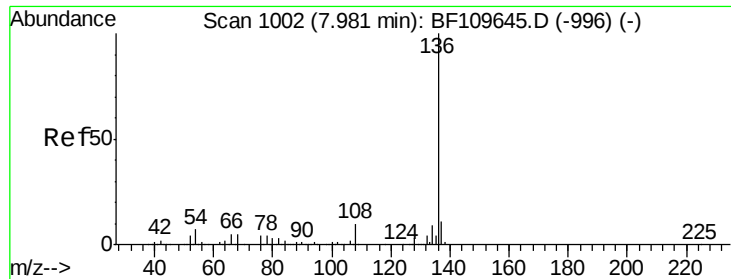
Tot Ion:	70	Resp:	186131
Ion	Ratio	Lower	Upper
70	100		
42	60.0	47.4	71.2
101	9.7	7.3	10.9
130	20.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 43.939 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:	107	Resp:	256156
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.4	111.4
77	95.5	47.3	87.3#
79	30.3	10.9	50.9

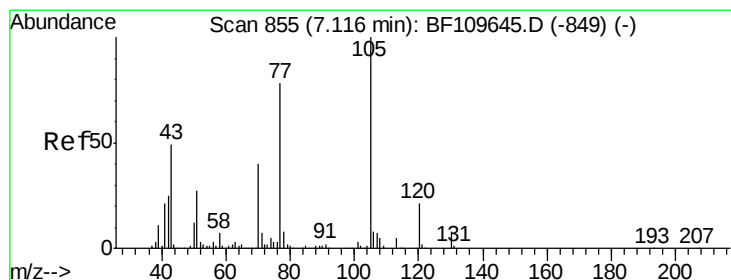
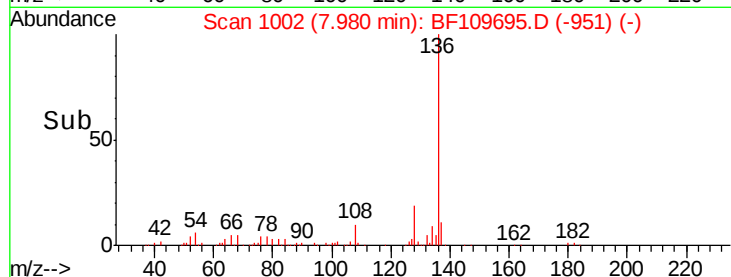
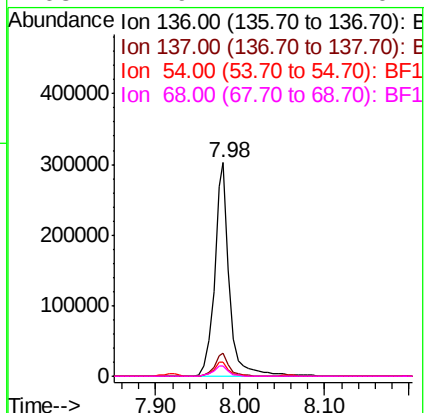
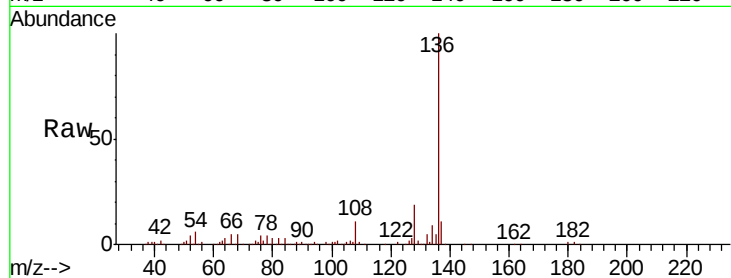




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

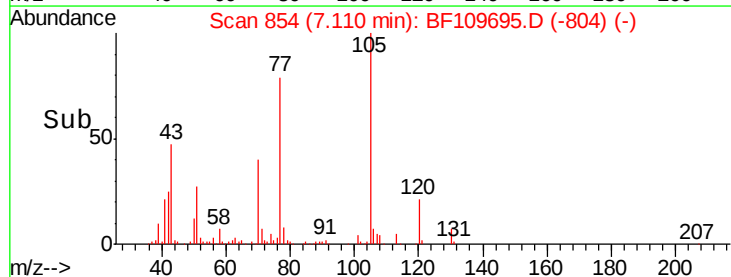
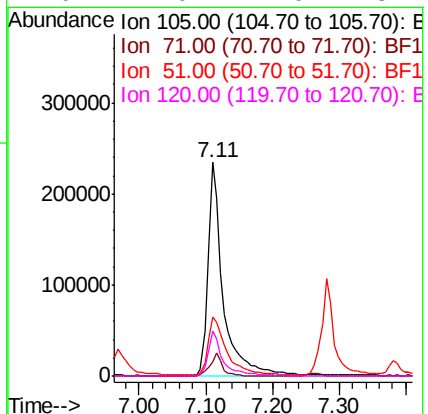
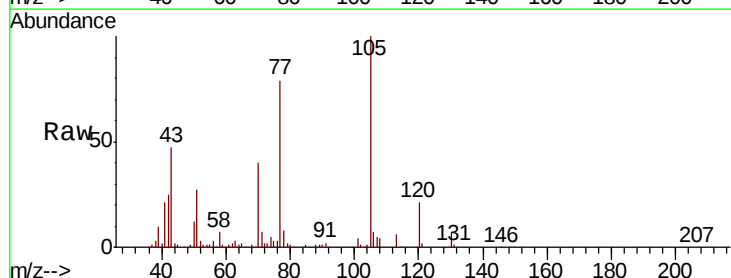
Instrument :
BNA_F
ClientSampleId :

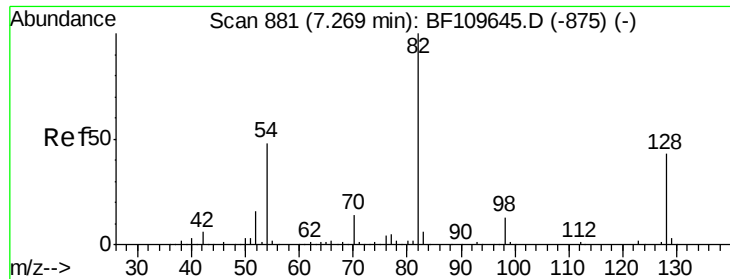
Tot Ion:136	Resp:	373764
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.8	13.2
54 6.3	5.4	8.2
68 4.9	4.2	6.2



#22
Acetophenone
Concen: 41.664 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt	Ion:105	Resp:	376570
Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.2	7.8
51	27.3	21.8	32.8
120	21.0	17.0	25.4

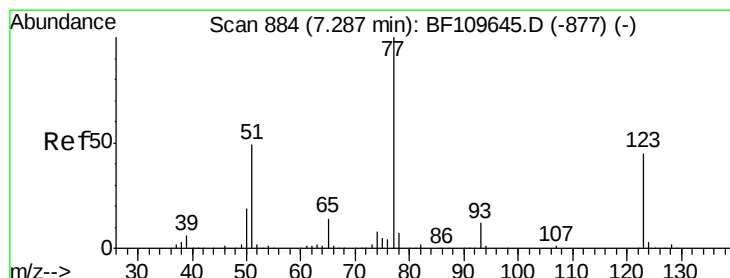
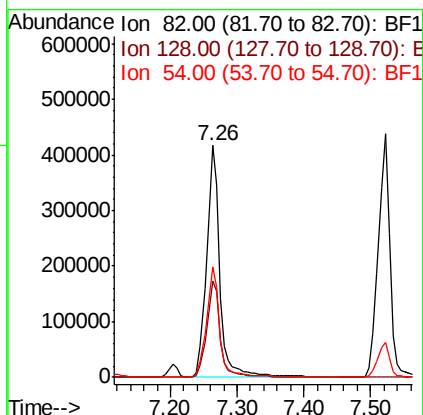
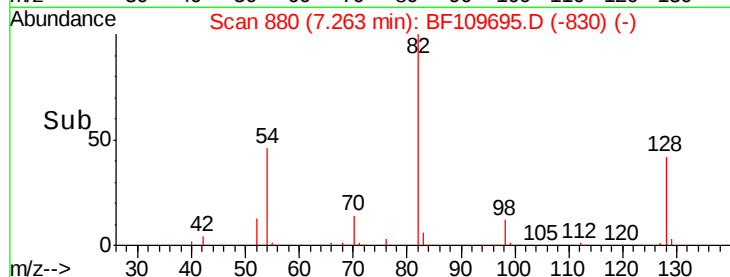
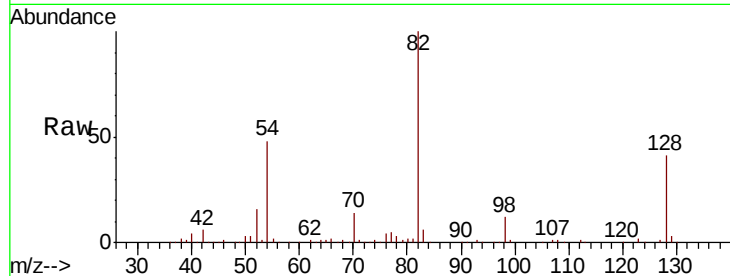




#23
Nitrobenzene-d5
Concen: 85.154 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

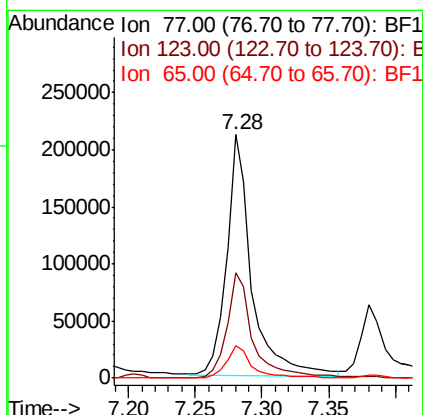
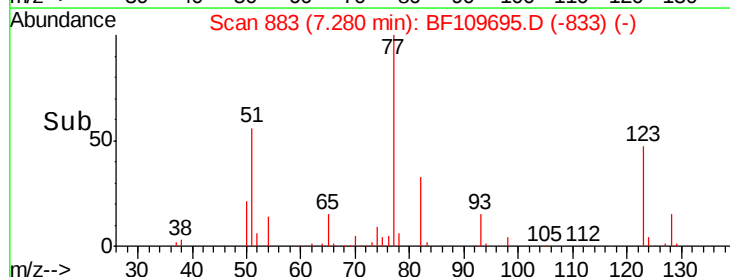
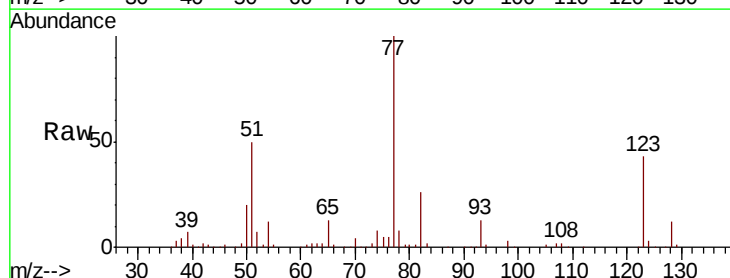
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 577385
Ion Ratio Lower Upper
82 100
128 41.4 34.2 51.2
54 47.6 38.6 58.0



#24
Nitrobenzene
Concen: 39.433 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion: 77 Resp: 278217
Ion Ratio Lower Upper
77 100
123 43.1 35.7 53.5
65 13.1 10.7 16.1

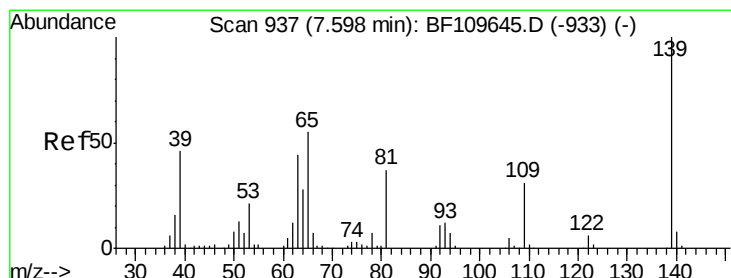
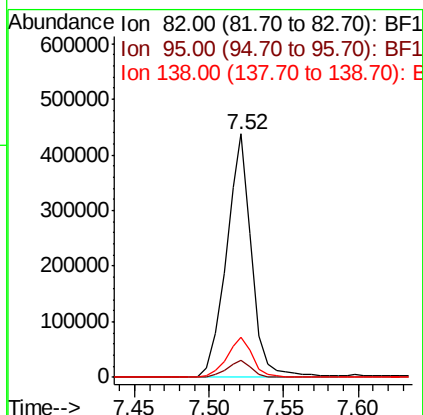
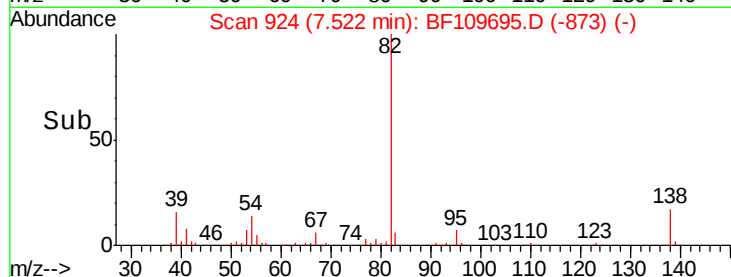
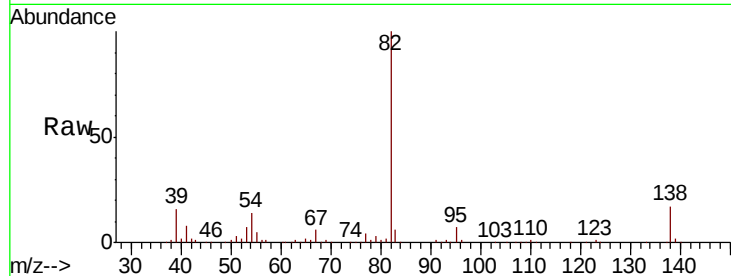




#25
Isophorone
Concen: 45.743 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

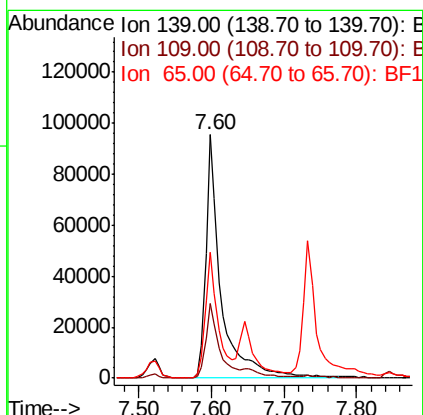
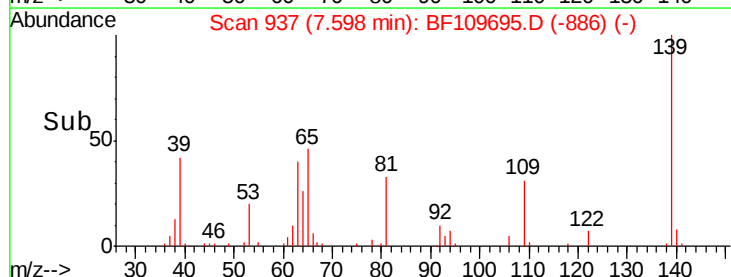
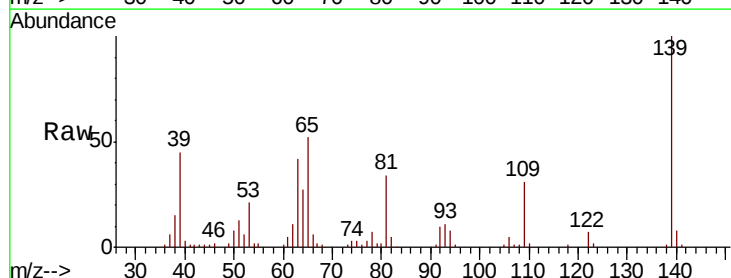
Instrument :
BNA_F
ClientSampleId :

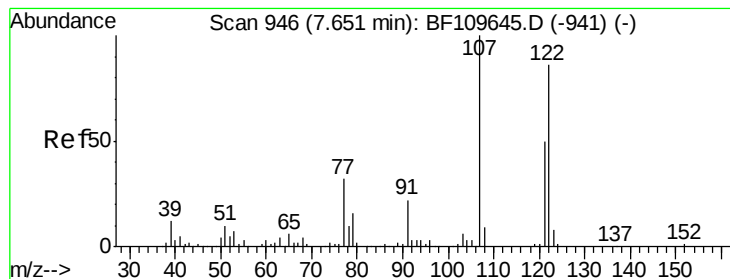
Tot Ion: 82 Resp: 515038
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 42.496 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion: 139 Resp: 140244
Ion Ratio Lower Upper
139 100
109 30.6 25.0 37.6
65 51.9 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 47.599 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

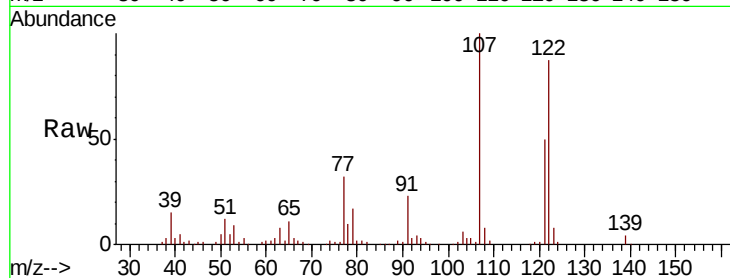
Tot Ion:122 Resp: 226841

Ion Ratio Lower Upper

122 100

107 115.1 92.5 138.7

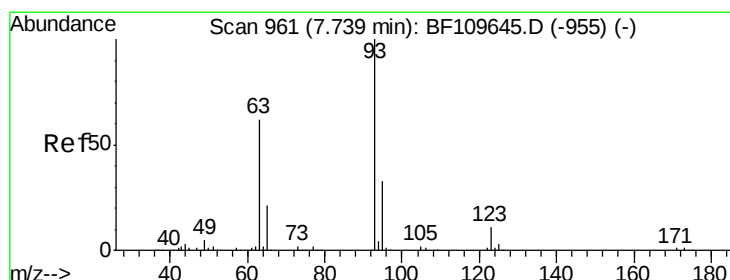
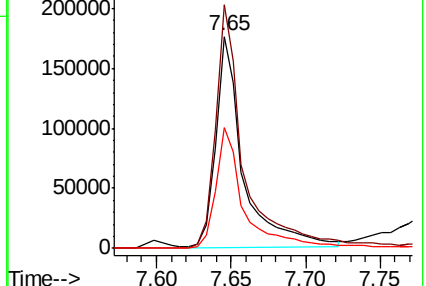
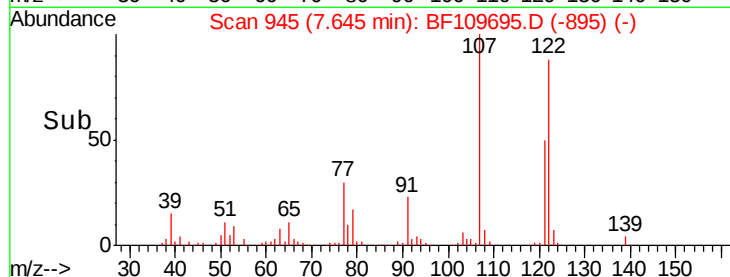
121 57.0 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.452 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

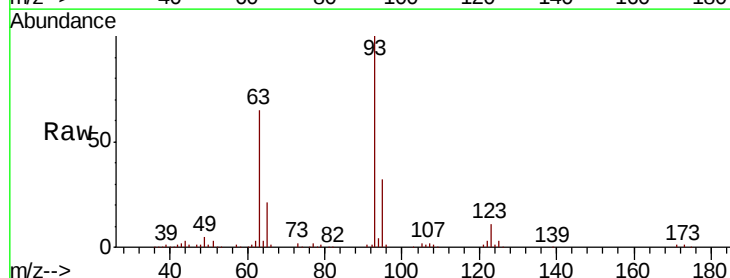
Tgt Ion: 93 Resp: 323311

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

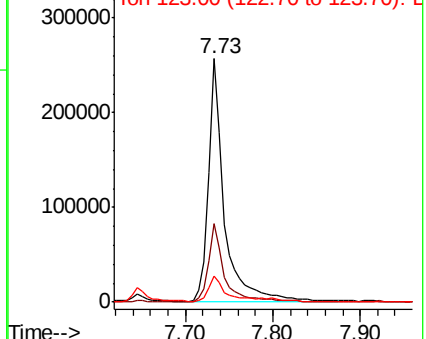
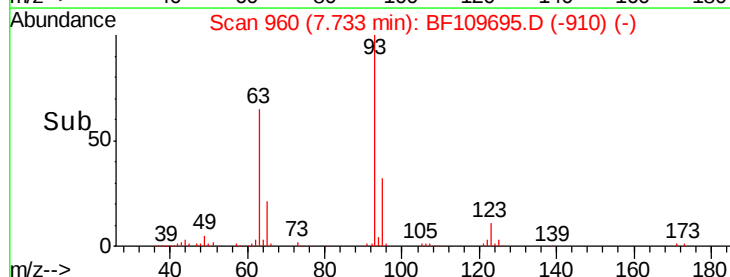
123 10.9 9.0 13.6

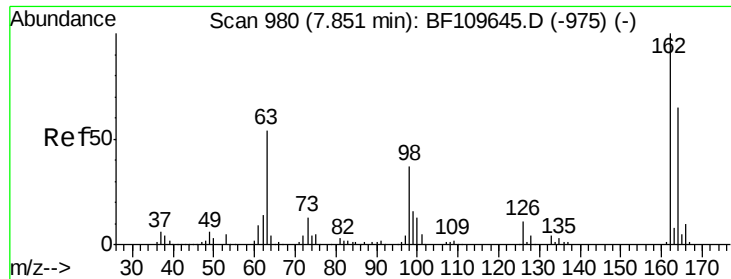


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

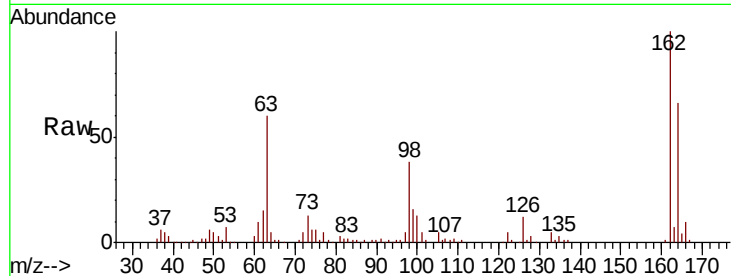




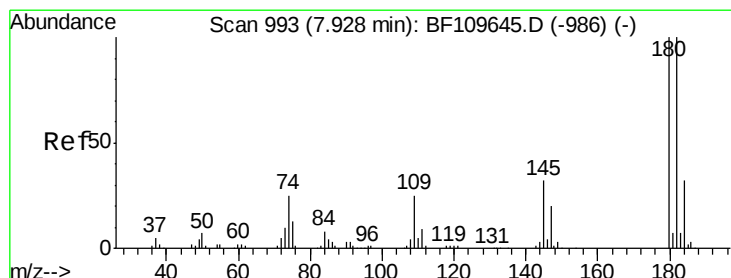
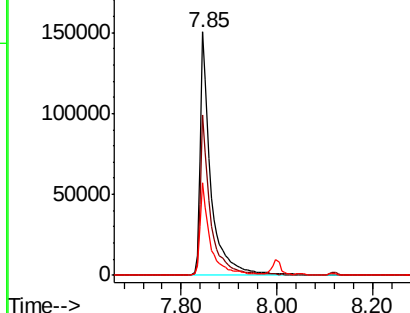
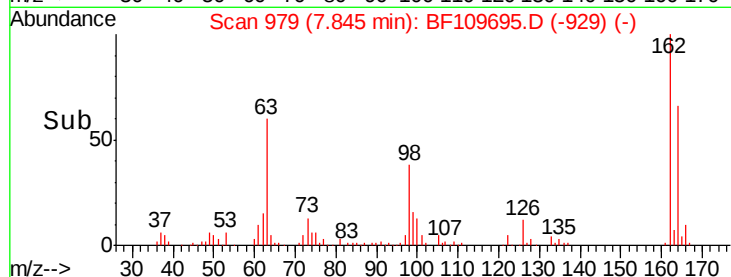
#29
 2,4-Dichlorophenol
 Concen: 43.785 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.6	84.6
98	37.8	17.4	57.4

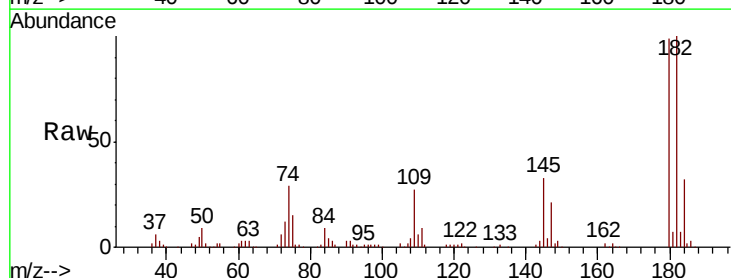


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

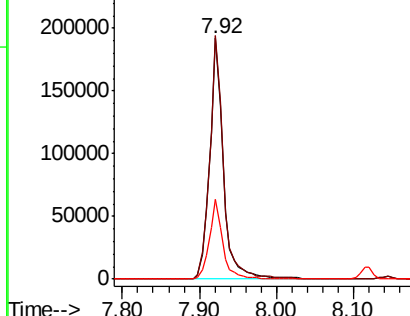
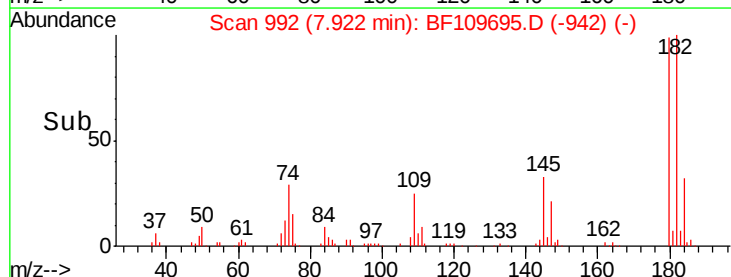


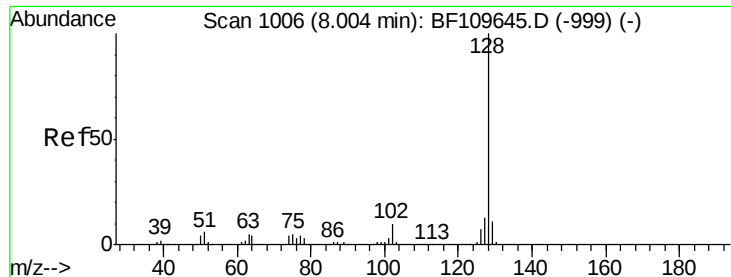
#30
 1,2,4-Trichlorobenzene
 Concen: 39.722 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	80.3	120.5
145	33.1	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

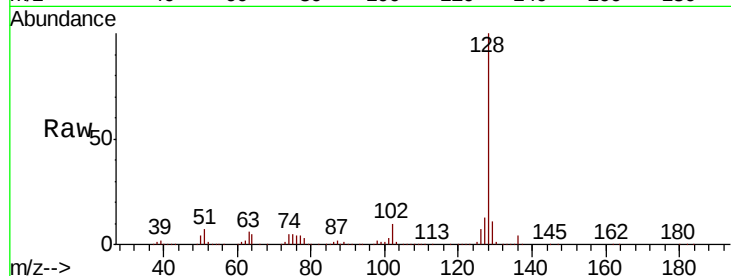




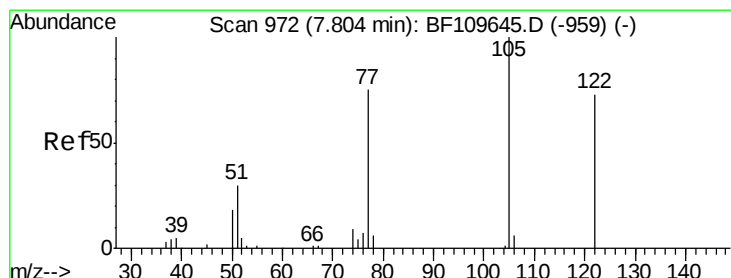
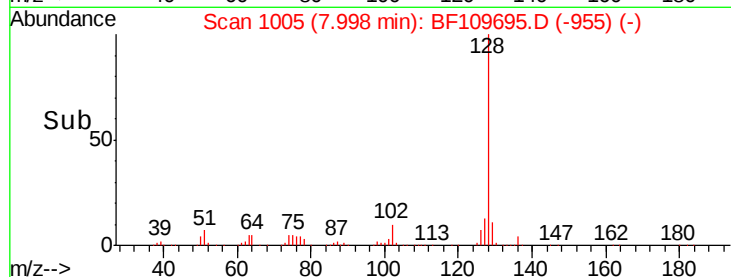
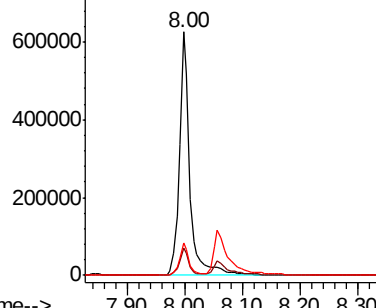
#31
Naphthalene
Concen: 46.497 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 803731
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.8 16.2

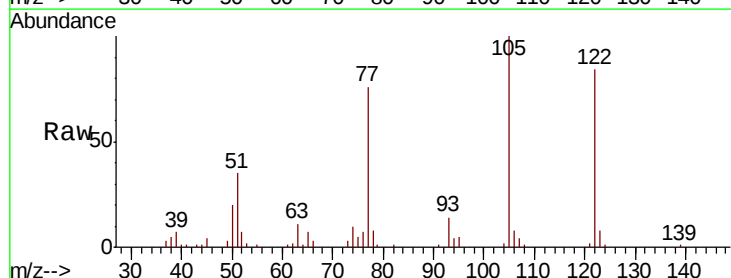


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

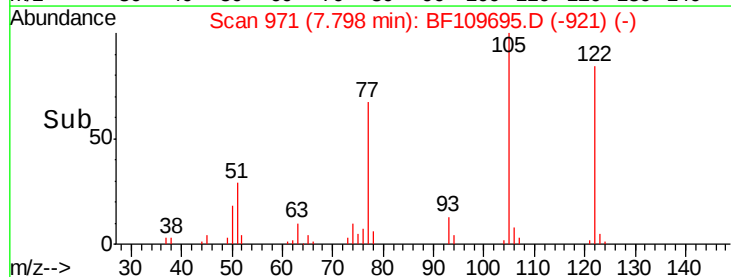
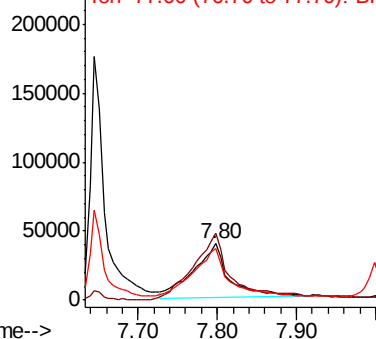


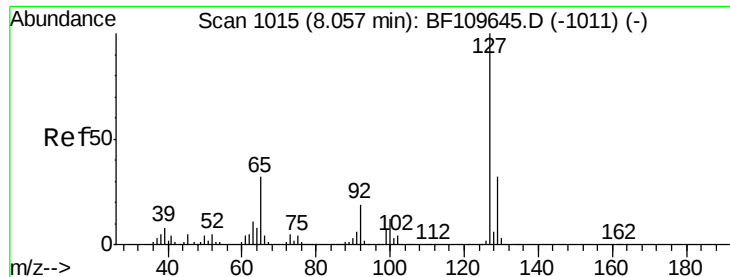
#32
Benzoic acid
Concen: 35.204 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:122 Resp: 119948
Ion Ratio Lower Upper
122 100
105 119.6 109.0 149.0
77 91.1 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

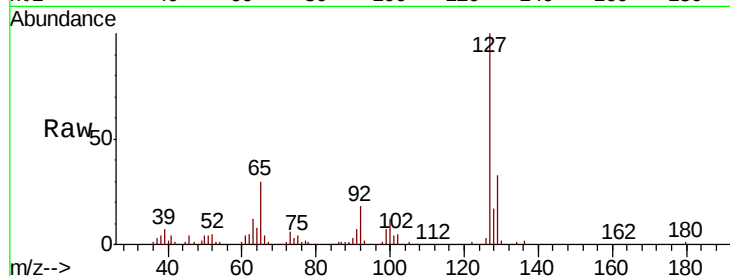




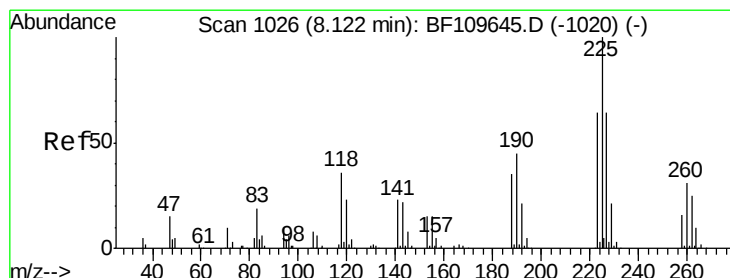
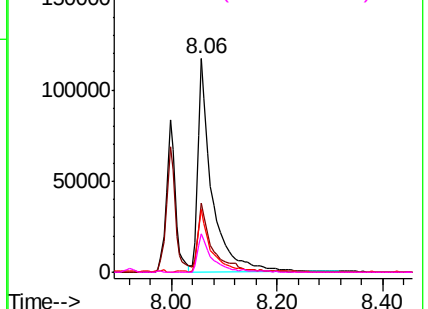
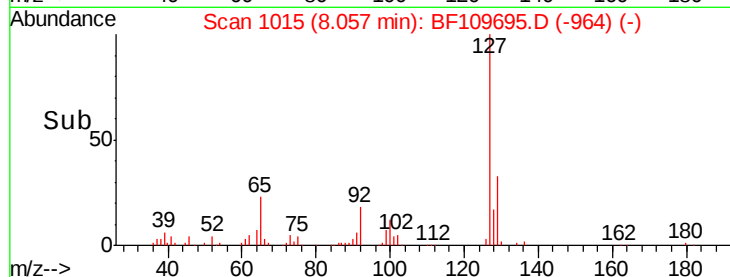
#33
4-Chloroaniline
Concen: 28.890 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	219915
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	29.6	25.1	37.7
92	18.1	15.0	22.6

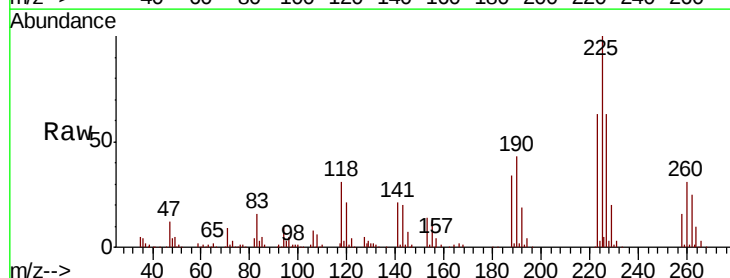


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

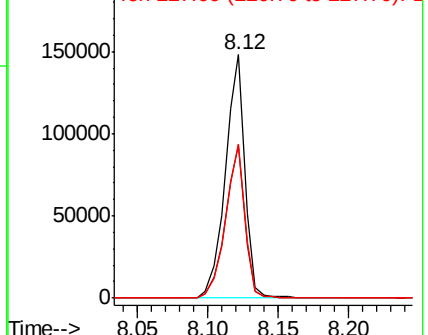
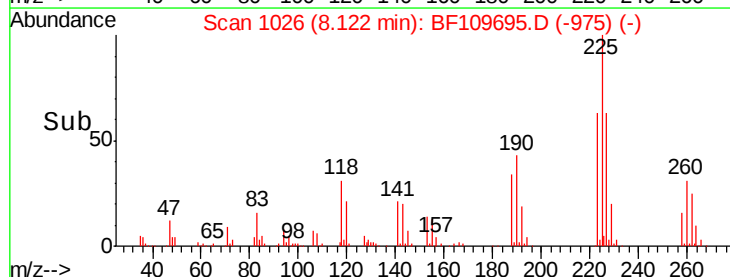


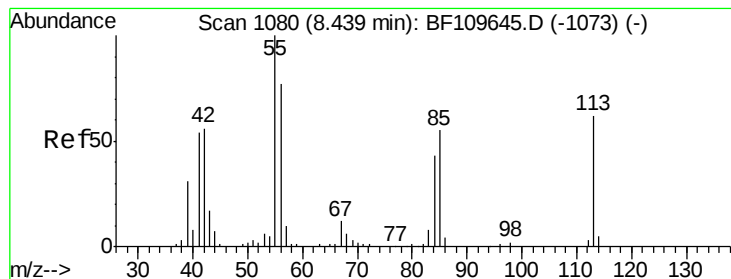
#34
Hexachlorobutadiene
Concen: 38.676 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:	225	Resp:	142301
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.2
227	63.4	51.0	76.6



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





#35

Caprolactam

Concen: 21.045 ng

RT: 8.43 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

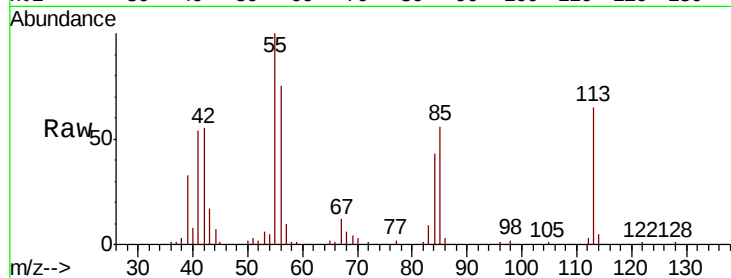
Tot Ion:113 Resp: 33596

Ion Ratio Lower Upper

113 100

55 153.1 142.8 182.8

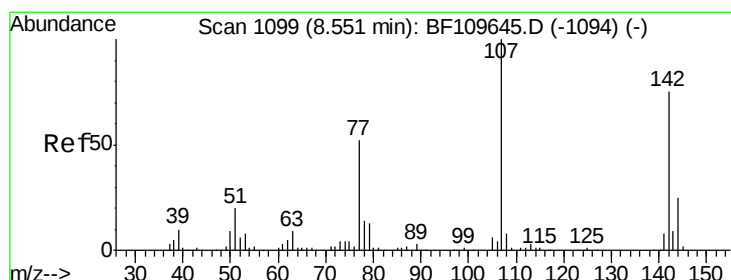
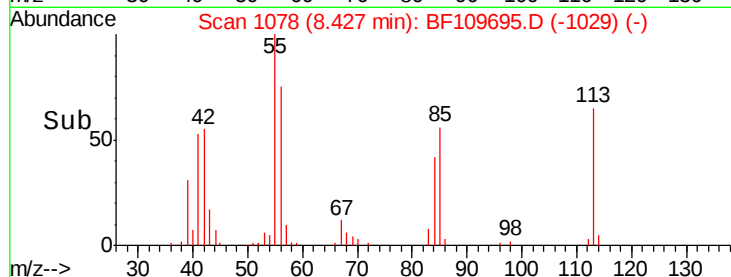
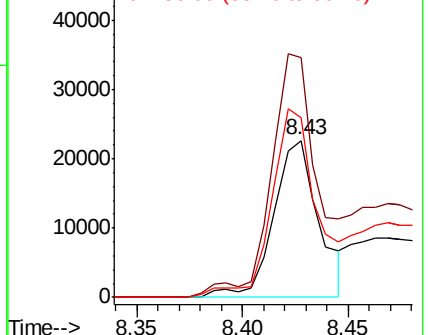
56 114.5 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.274 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

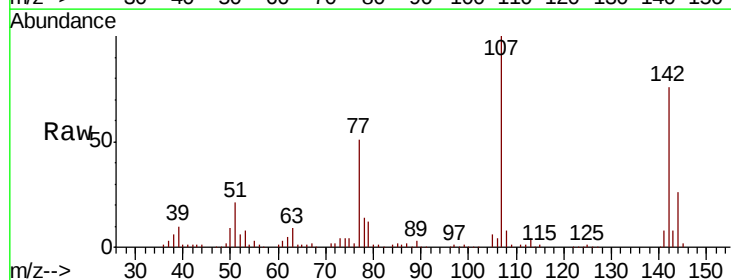
Tgt Ion:107 Resp: 244176

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

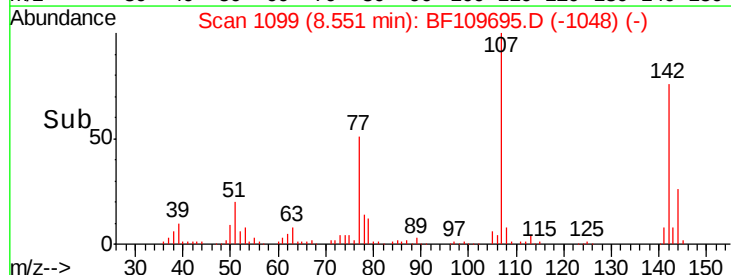
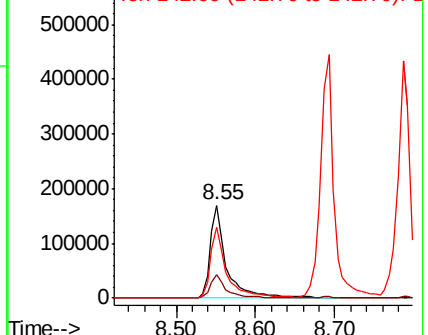
142 76.1 59.7 89.5

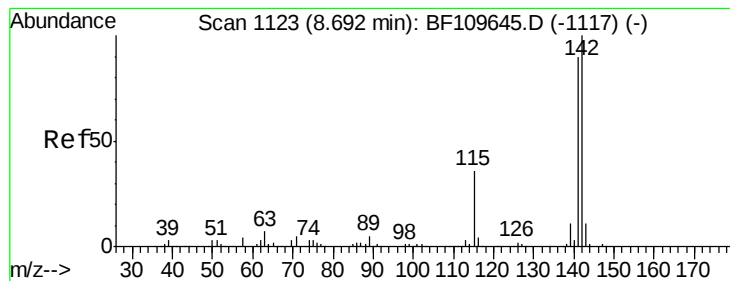


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

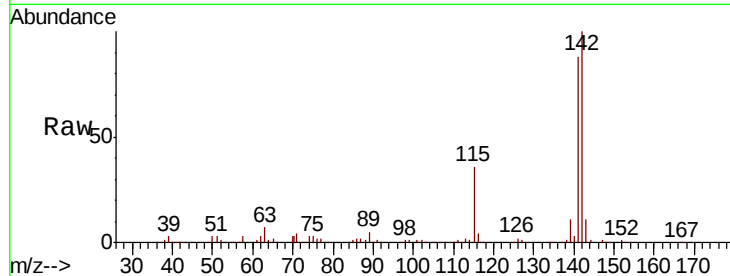




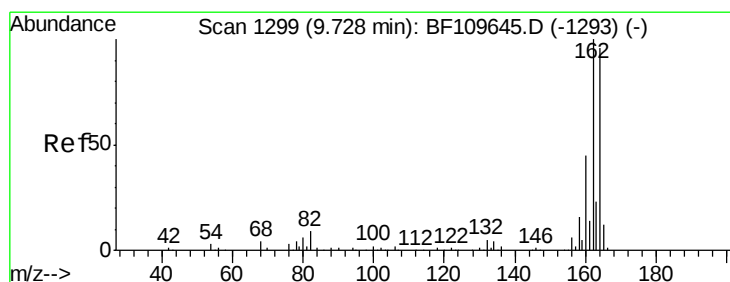
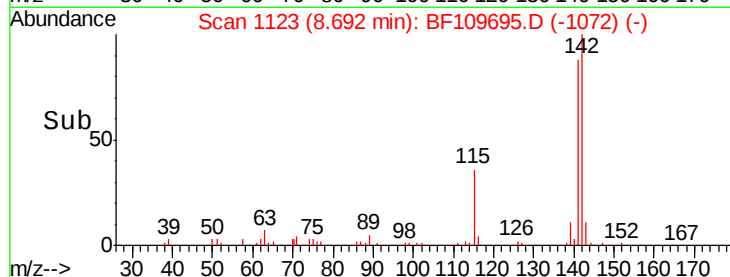
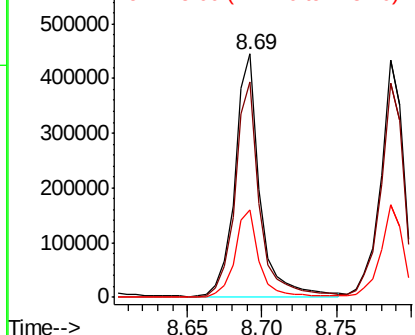
#37
2-Methylnaphthalene
Concen: 46.174 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 522811
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2
115 35.9 28.7 43.1

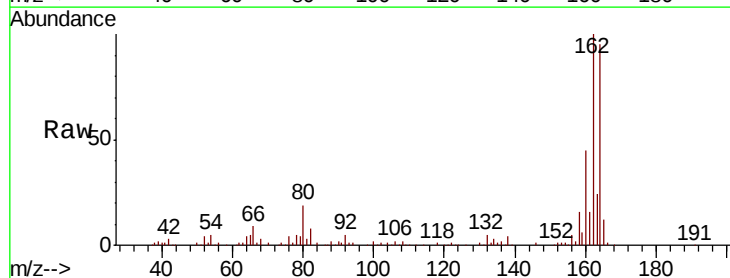


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

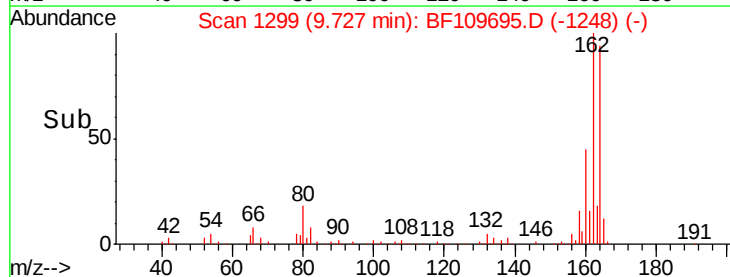
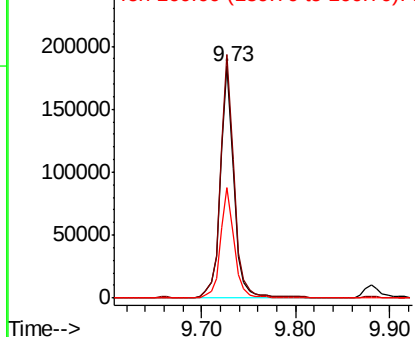


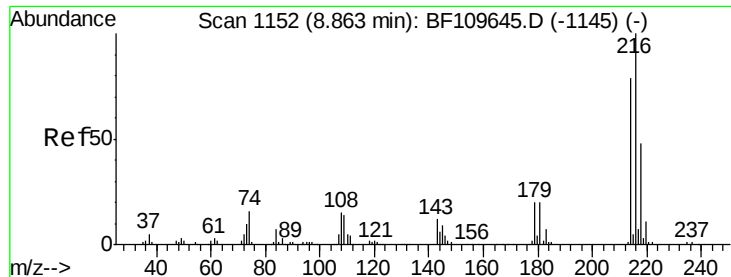
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:164 Resp: 186391
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.6
160 47.6 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: 38.025 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 241260

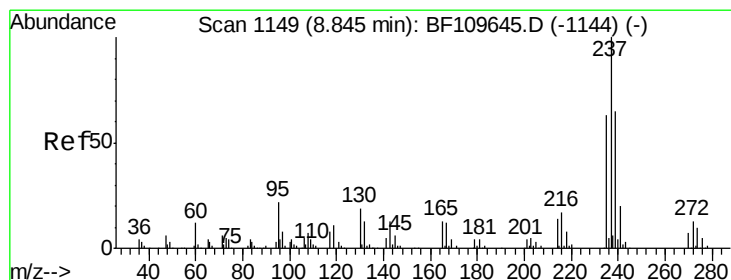
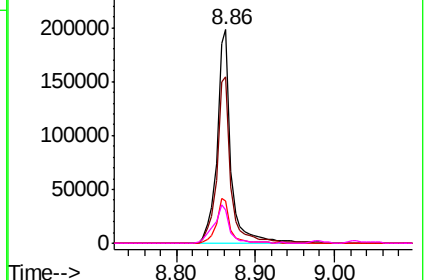
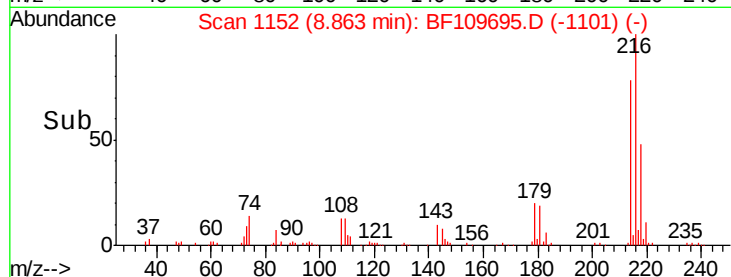
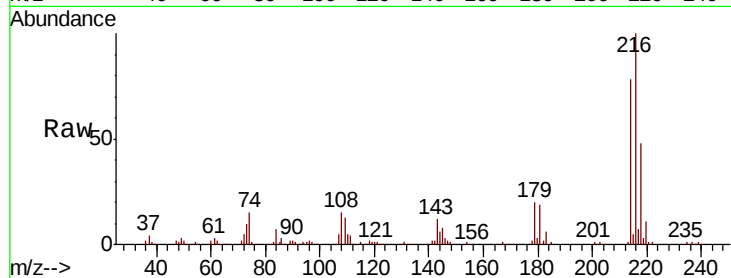
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.6
179	20.9	16.6	25.0
108	20.7	15.1	22.7

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: 85.554 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

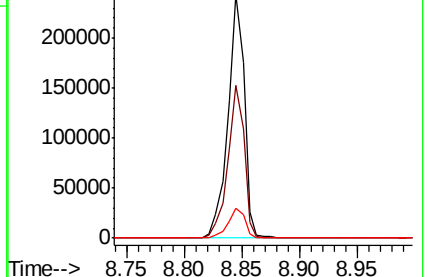
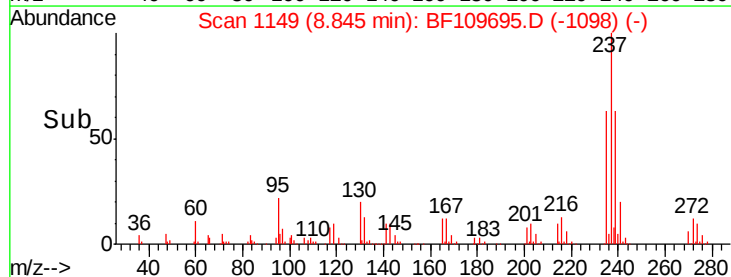
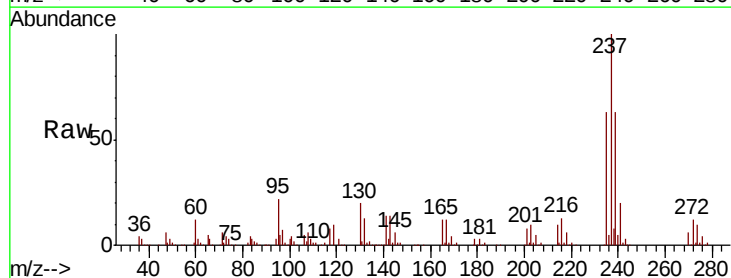
Tgt Ion:237 Resp: 239213

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.1	83.1
272	12.4	0.0	32.6

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

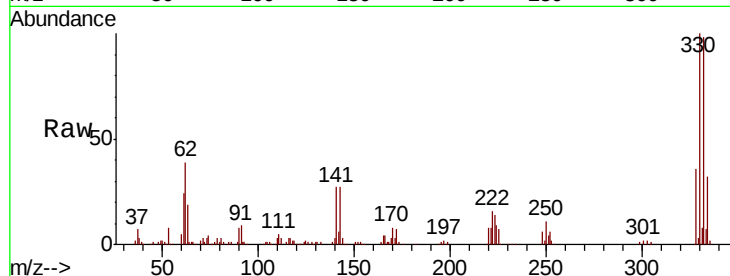




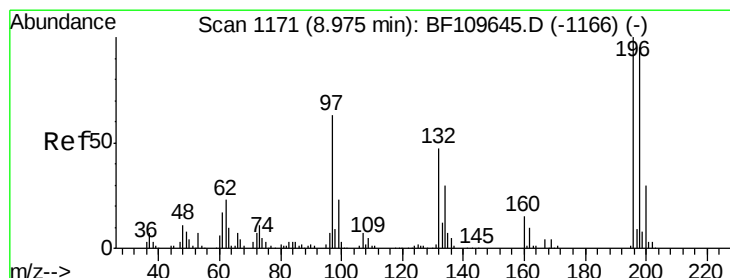
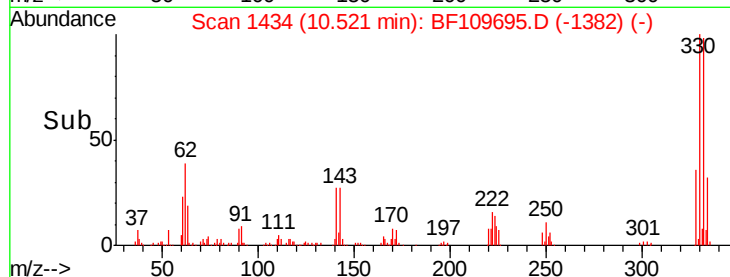
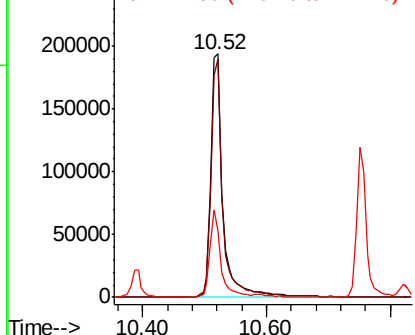
#41
 2,4,6-Tribromophenol
 Concen: 127.192 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 258318
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.1 115.7
 141 32.1 27.0 40.4

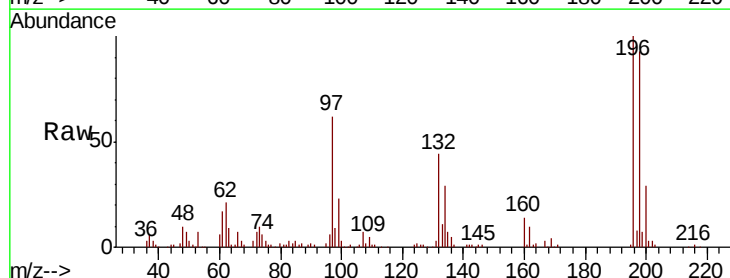


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

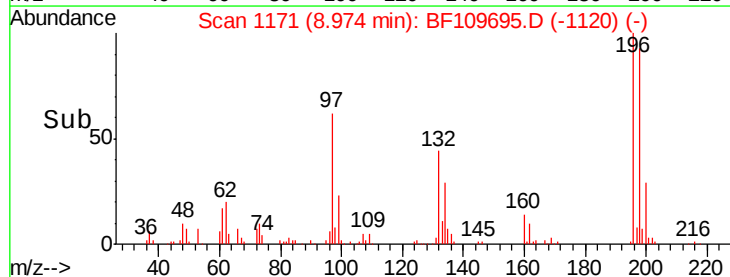
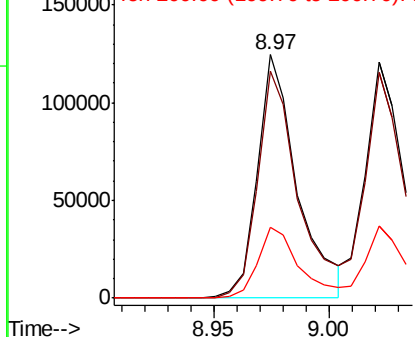


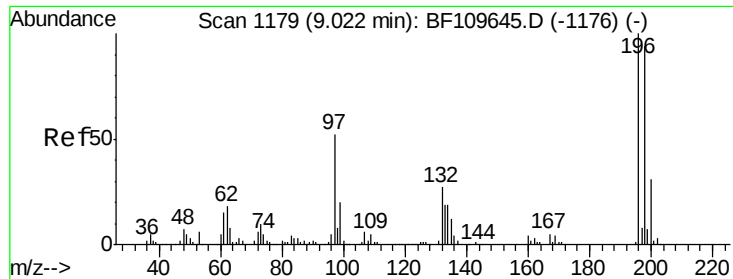
#42
 2,4,6-Trichlorophenol
 Concen: 39.419 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion:196 Resp: 149511
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.2 114.4
 200 29.0 24.4 36.6



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

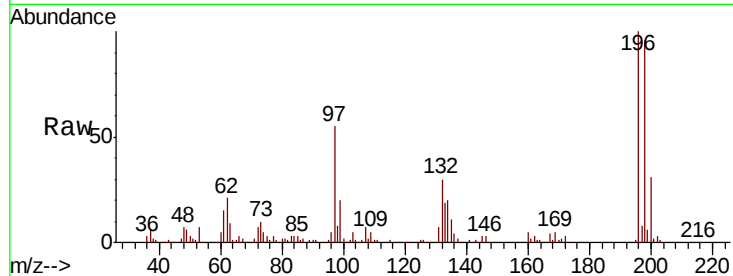




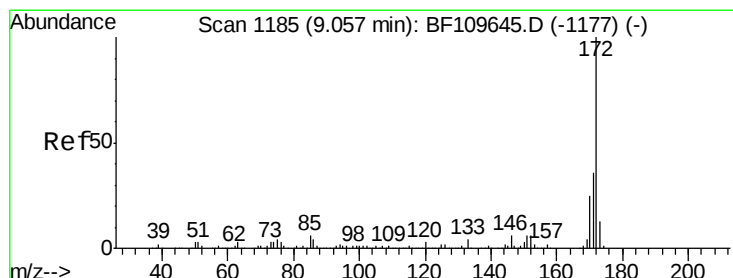
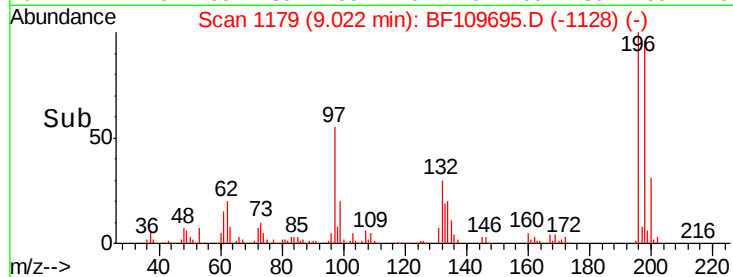
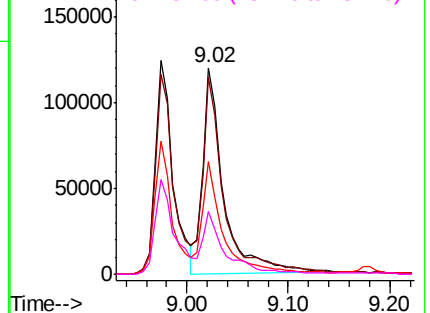
#43
 2,4,5-Trichlorophenol
 Concen: 39.627 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 172817
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.8 113.6
 97 54.8 42.4 63.6
 132 30.1 22.8 34.2

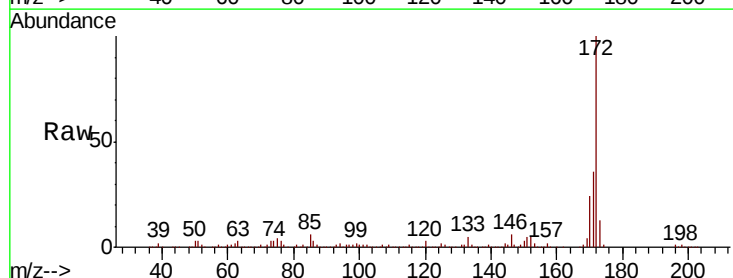


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

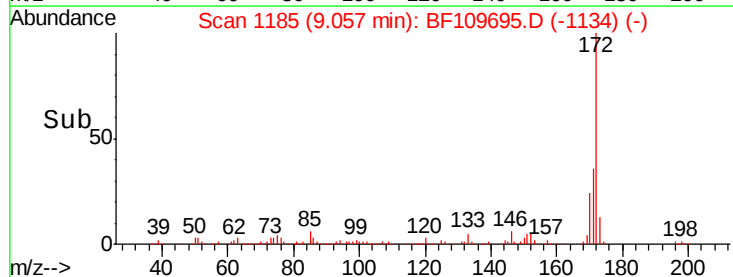
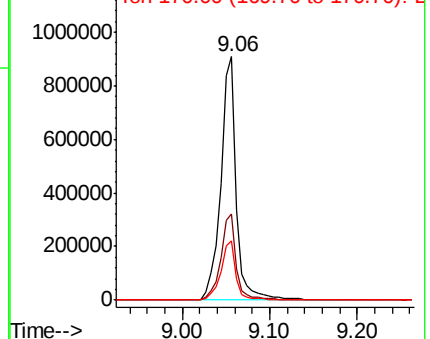


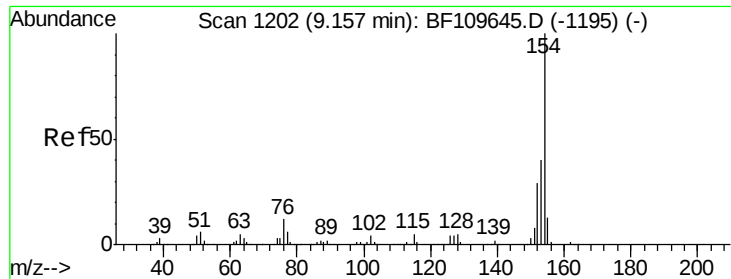
#44
 2-Fluorobiphenyl
 Concen: 82.560 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion:172 Resp: 1117324
 Ion Ratio Lower Upper
 172 100
 171 35.5 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

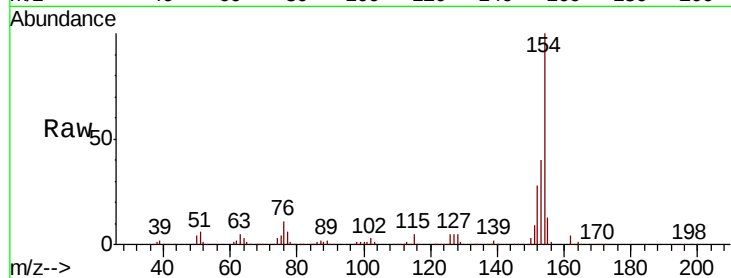




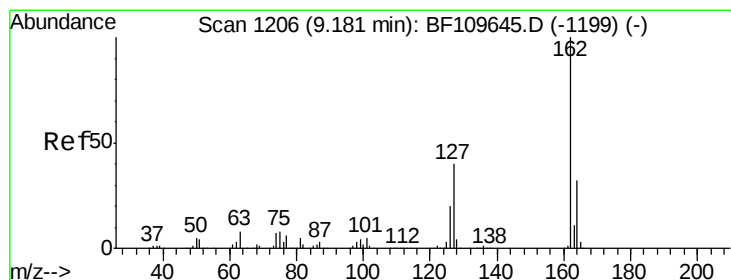
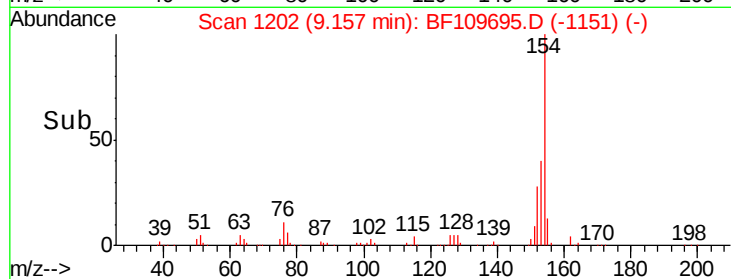
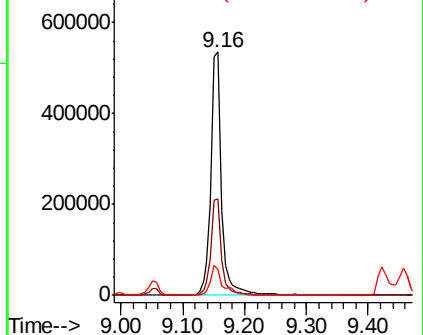
#45
 1,1'-Biphenyl
 Concen: 37.963 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 632129
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.4 60.4
 76 10.9 0.0 31.9

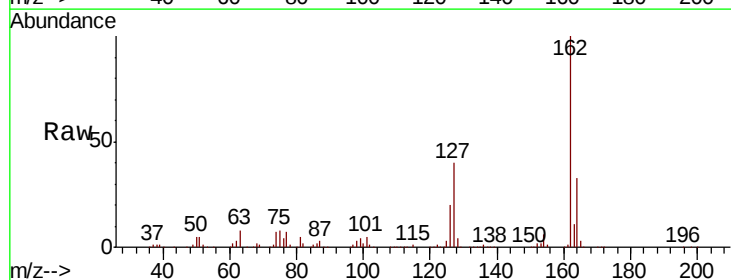


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

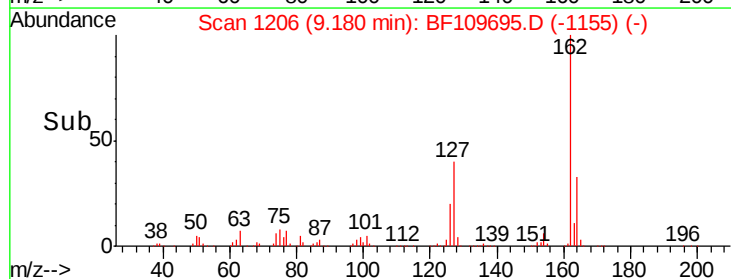
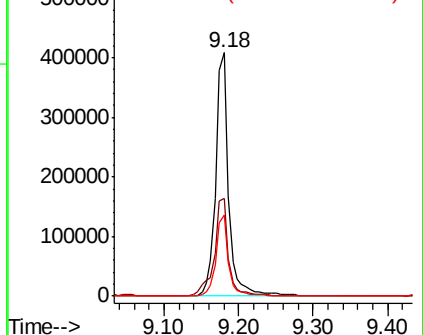


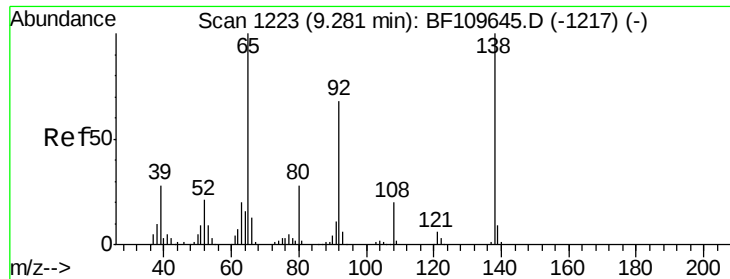
#46
 2-Chloronaphthalene
 Concen: 39.315 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion:162 Resp: 490457
 Ion Ratio Lower Upper
 162 100
 127 40.1 32.6 48.8
 164 33.1 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

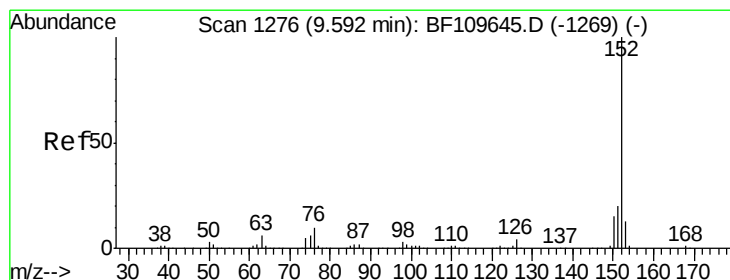
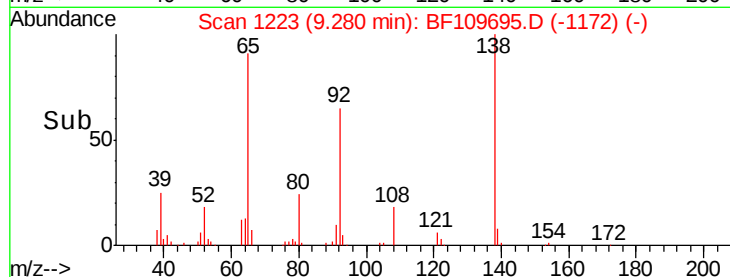
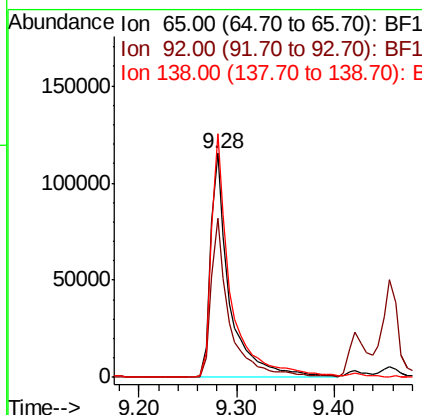
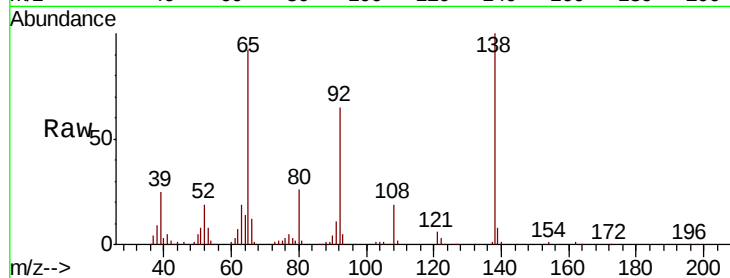




#47
2-Nitroaniline
Concen: 41.041 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

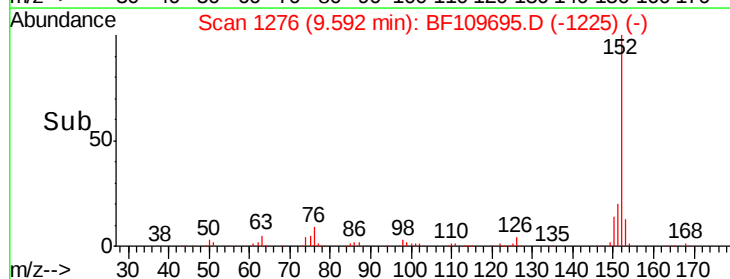
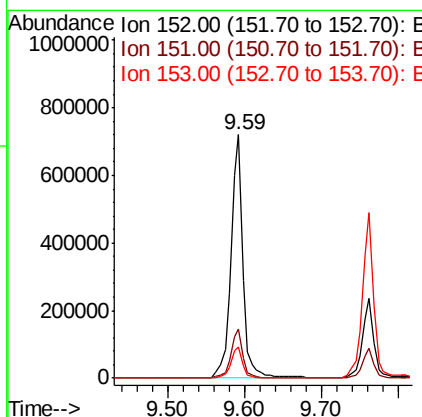
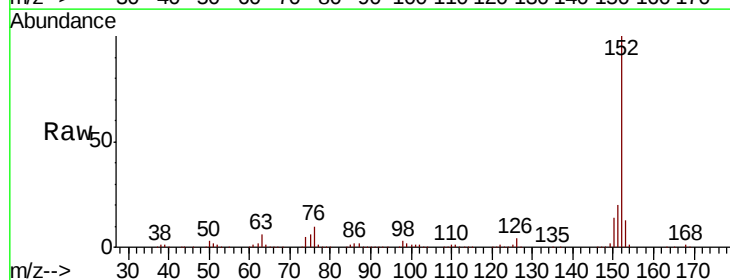
Instrument :
BNA_F
ClientSampleId :

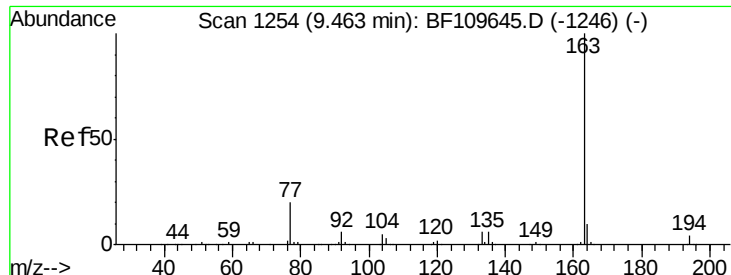
Tot Ion: 65 Resp: 155025
Ion Ratio Lower Upper
65 100
92 70.7 54.6 81.8
138 108.5 80.3 120.5



#48
Acenaphthylene
Concen: 43.234 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion: 152 Resp: 786282
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 12.9 10.4 15.6

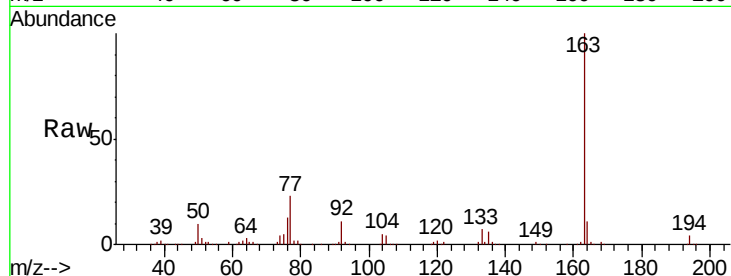




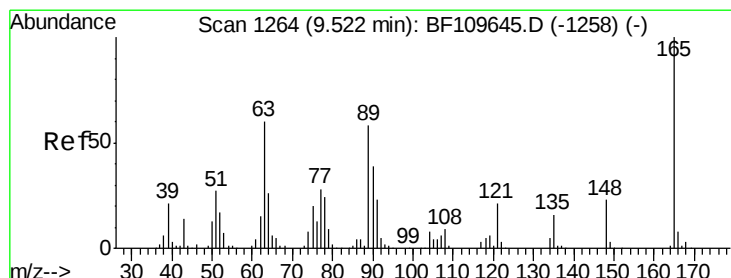
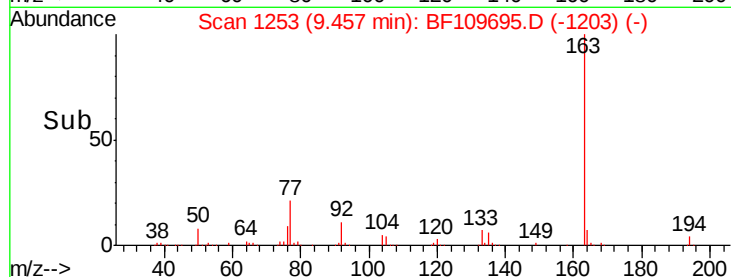
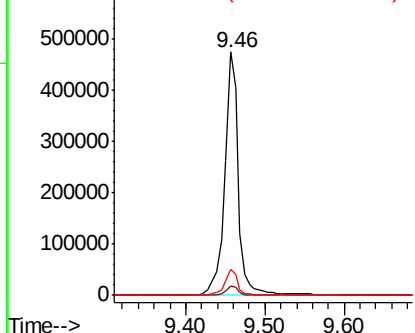
#49
Dimethylphthalate
Concen: 41.154 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 562580
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.6 8.1 12.1

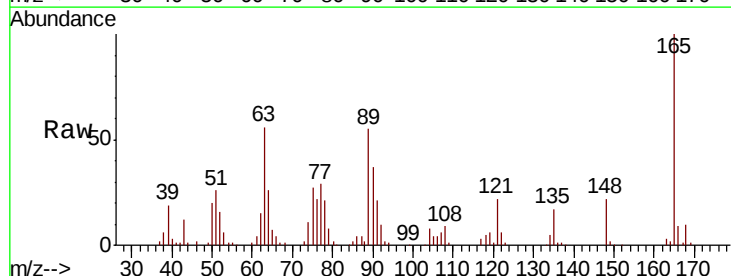


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

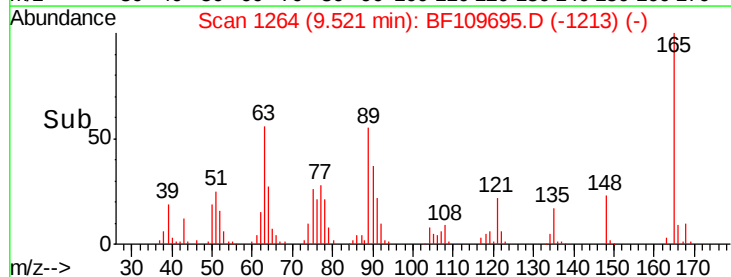
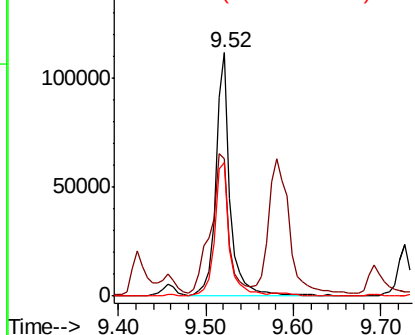


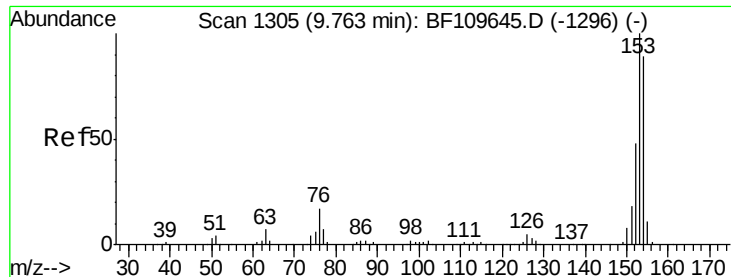
#50
2,6-Dinitrotoluene
Concen: 42.384 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:165 Resp: 125592
Ion Ratio Lower Upper
165 100
63 56.4 48.9 73.3
89 54.8 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: 40.217 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

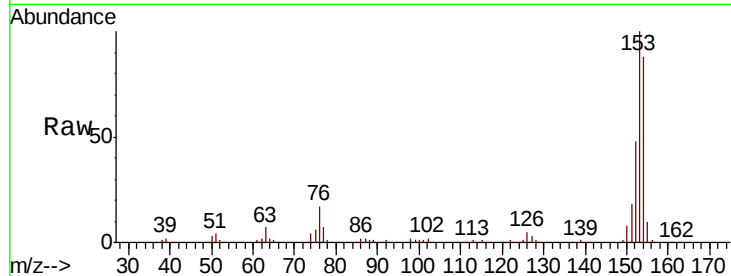
Tot Ion:154 Resp: 433587

Ion Ratio Lower Upper

154 100

153 114.2 90.1 135.1

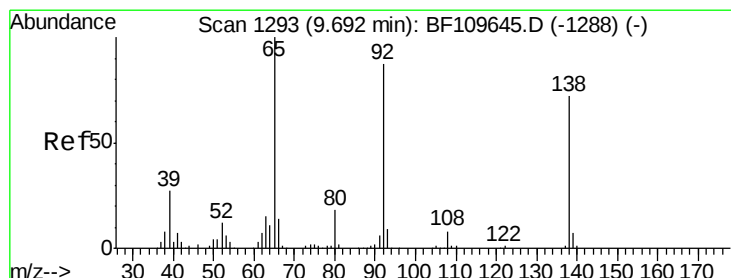
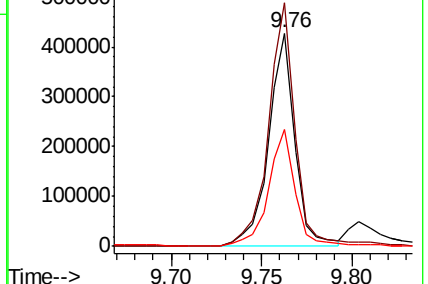
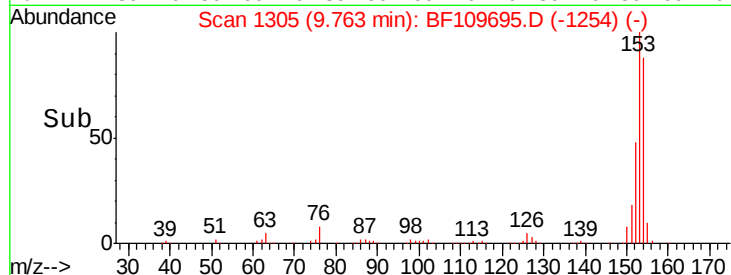
152 54.9 43.4 65.2



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: 28.608 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

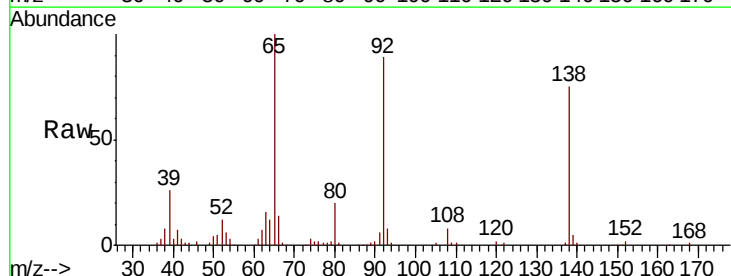
Tgt Ion:138 Resp: 95025

Ion Ratio Lower Upper

138 100

108 11.2 8.7 13.1

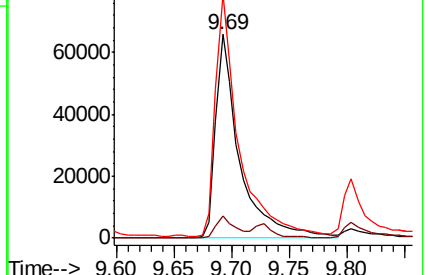
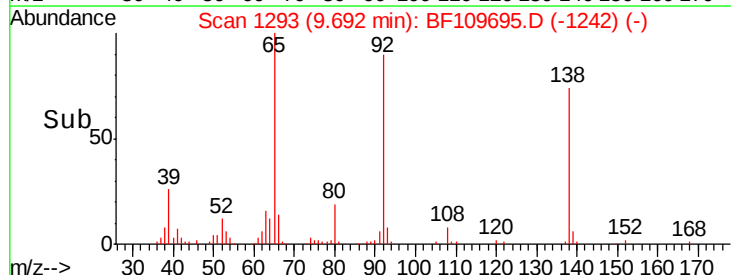
92 119.6 97.0 145.4

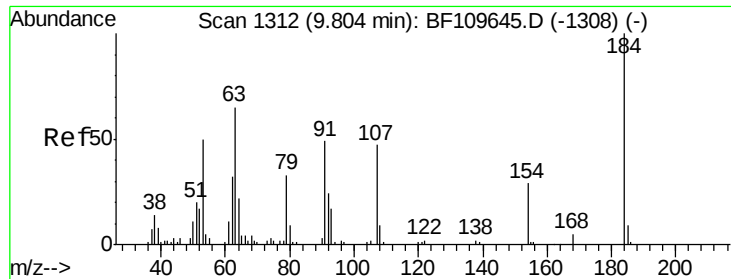


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

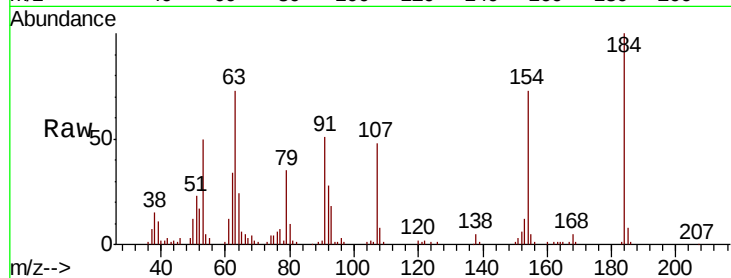




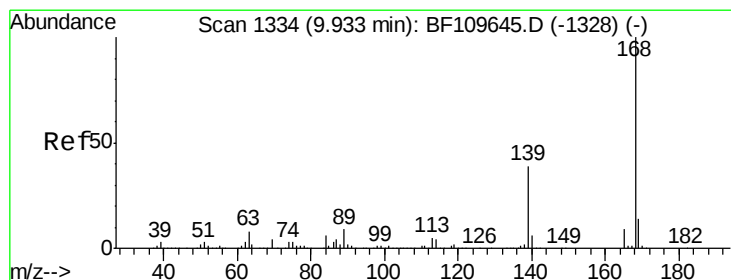
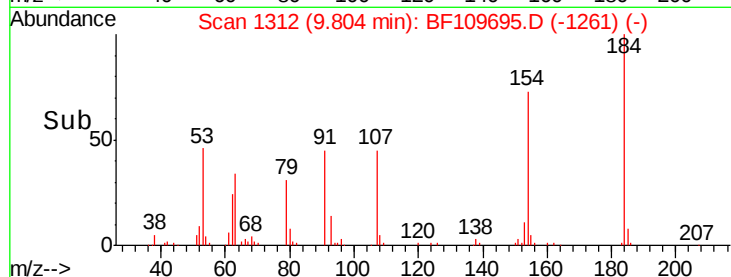
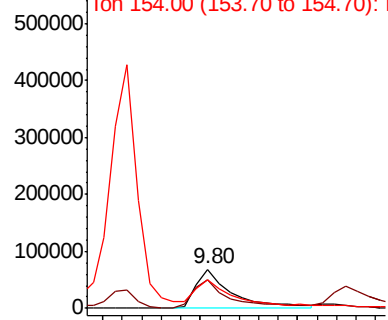
#53
2,4-Dinitrophenol
Concen: 94.009 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 89876
Ion Ratio Lower Upper
184 100
63 72.8 55.8 83.6
154 73.3 63.2 94.8

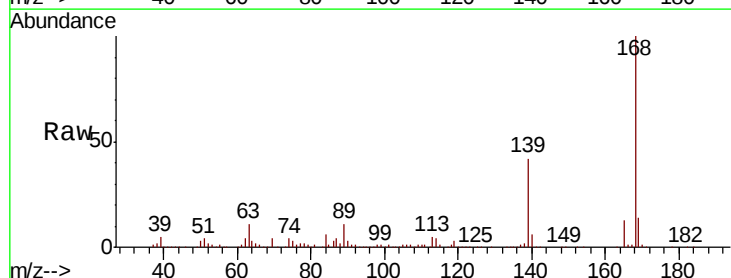


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

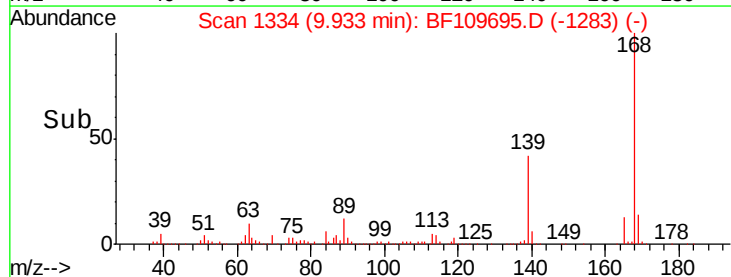
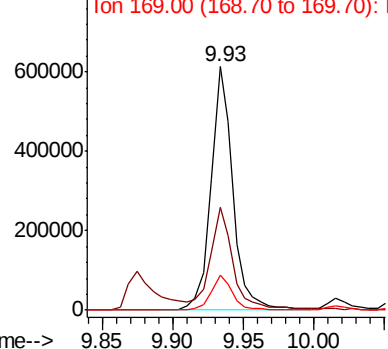


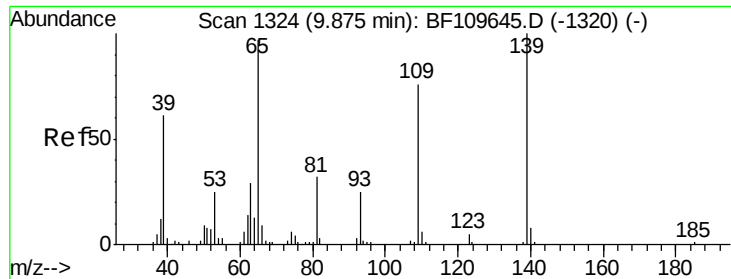
#54
Dibenzofuran
Concen: 40.973 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:168 Resp: 662154
Ion Ratio Lower Upper
168 100
139 42.3 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

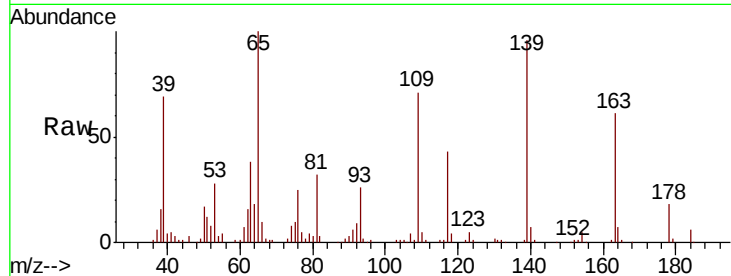




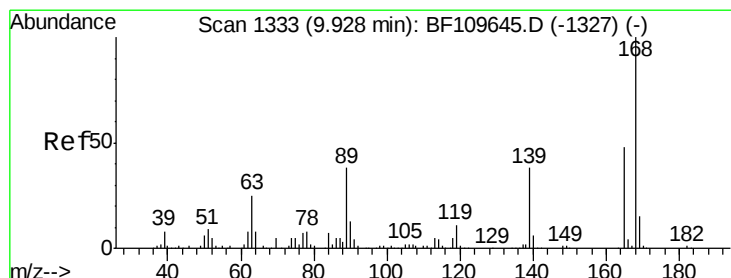
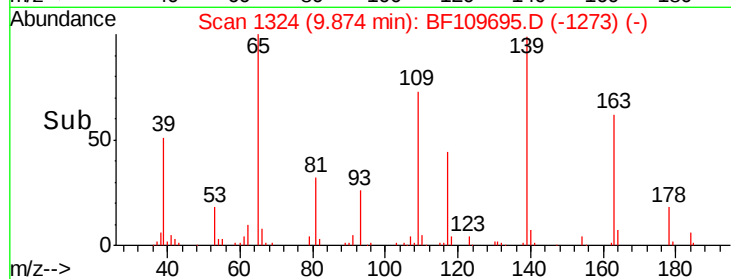
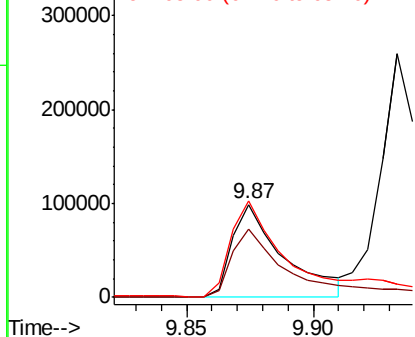
#55
4-Nitrophenol
Concen: 76.304 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 138732
Ion Ratio Lower Upper
139 100
109 74.3 55.8 95.8
65 104.3 77.9 117.9

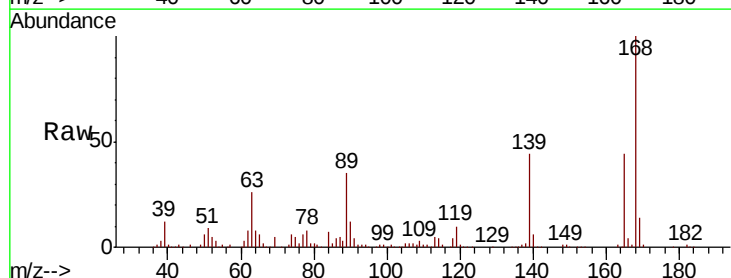


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

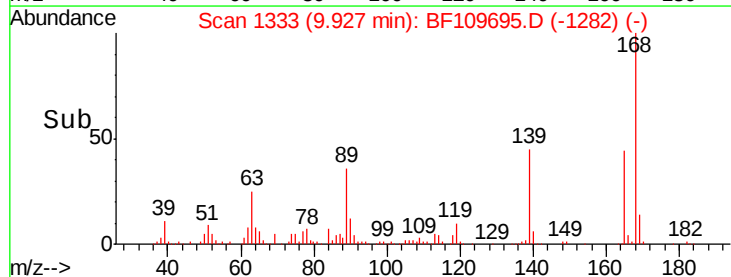
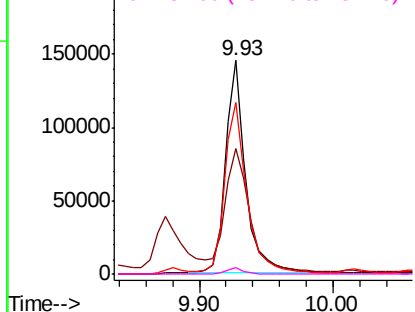


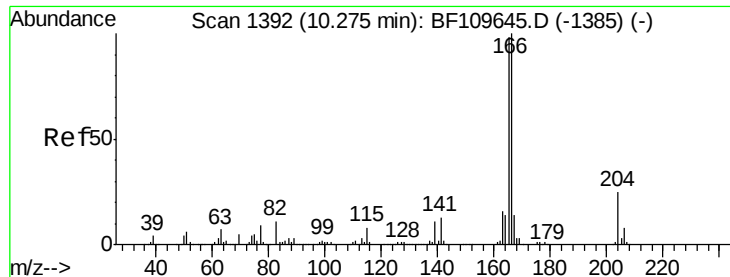
#56
2,4-Dinitrotoluene
Concen: 41.676 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:165 Resp: 154117
Ion Ratio Lower Upper
165 100
63 58.8 44.8 67.2
89 80.5 62.2 93.4
182 2.8 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: 43.610 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

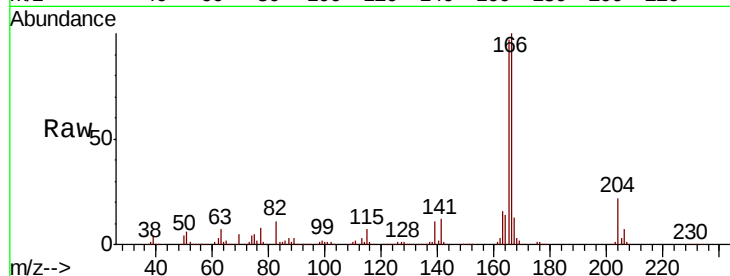
Tot Ion:166 Resp: 526306

Ion Ratio Lower Upper

166 100

165 97.3 78.6 117.8

167 13.3 10.8 16.2

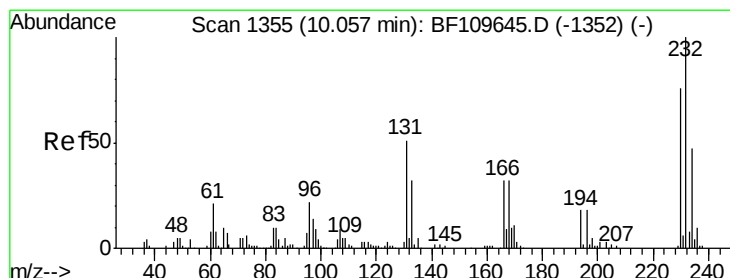
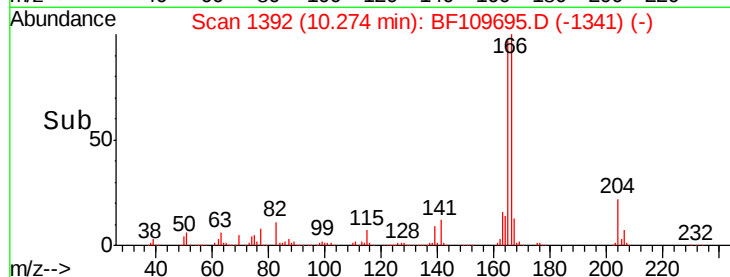
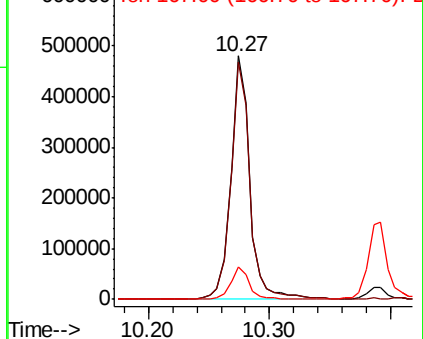


Abundance

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: 44.260 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Tgt Ion:232 Resp: 156905

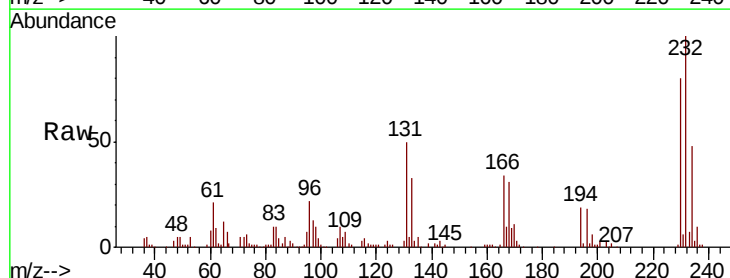
Ion Ratio Lower Upper

232 100

131 45.5 37.0 55.4

130 2.1 1.8 2.6

166 27.3 22.0 33.0



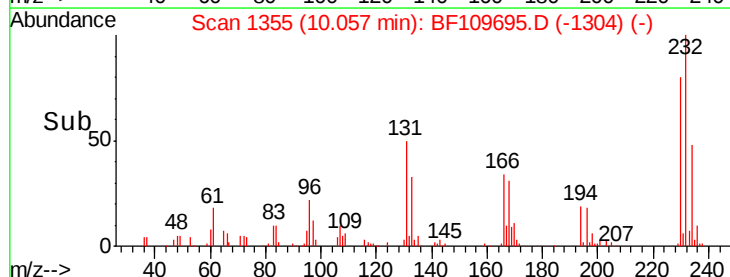
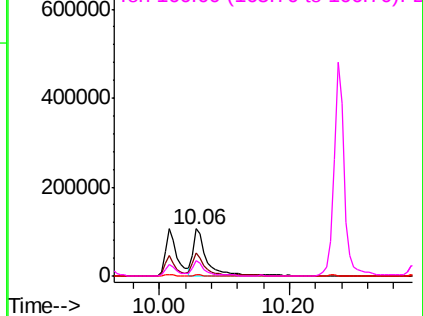
Abundance

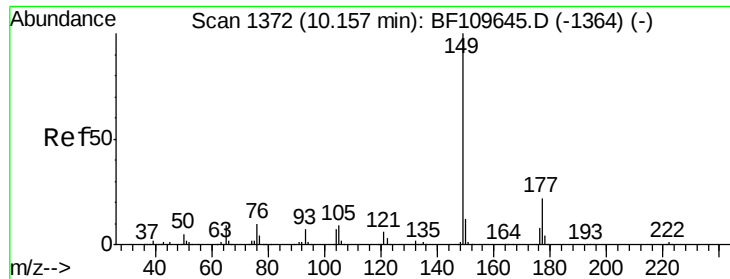
Ion 232.00 (231.70 to 232.70): E

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

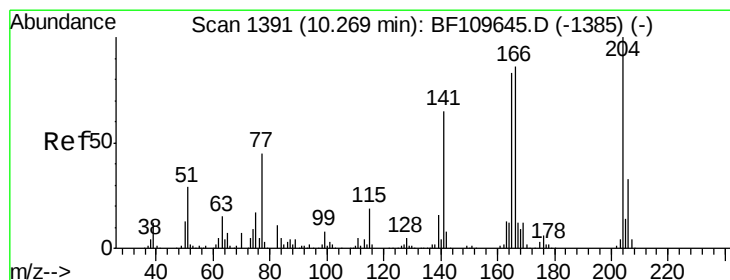
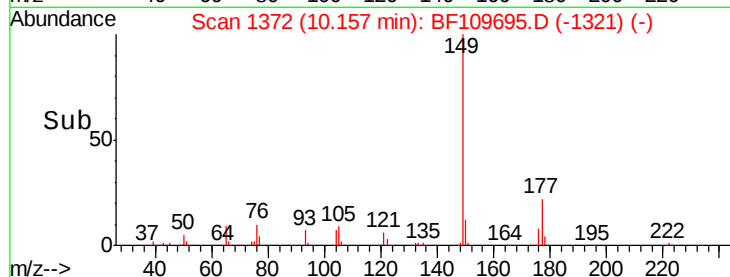
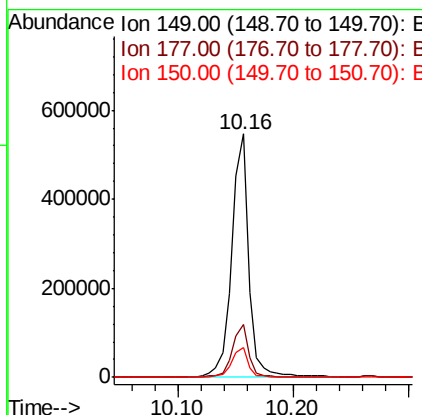
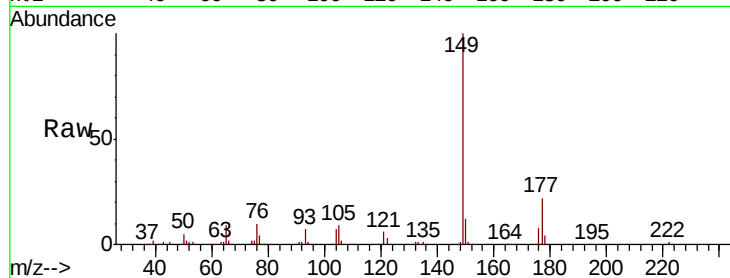




#59
Diethylphthalate
Concen: 41.439 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

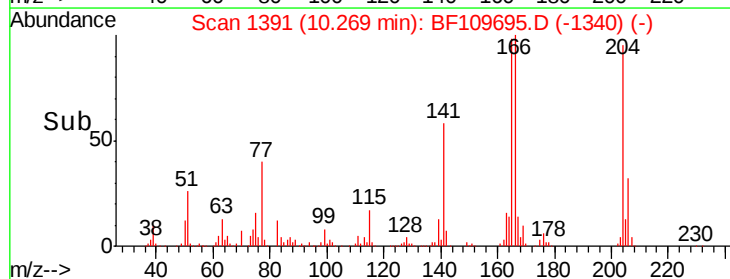
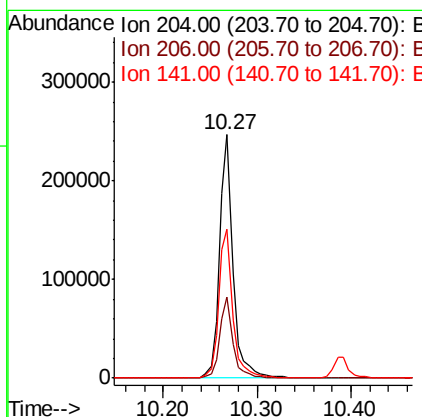
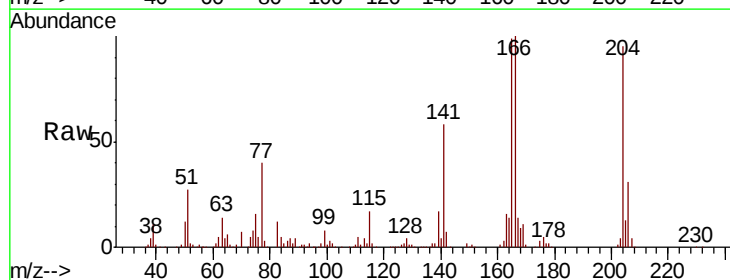
Instrument :
BNA_F
ClientSampleId :

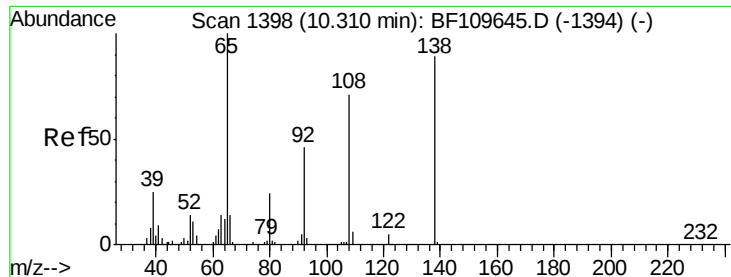
Tot Ion:149 Resp: 561273
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.2
150 12.0 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 38.965 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:204 Resp: 248086
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 61.2 51.8 77.8

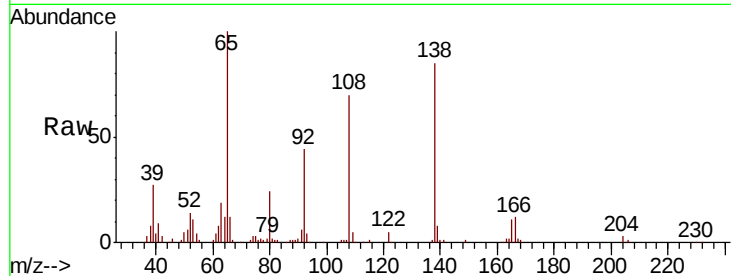




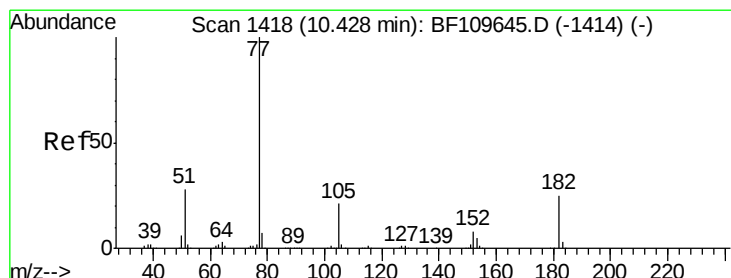
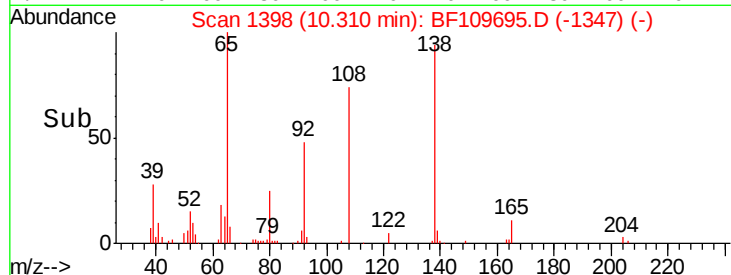
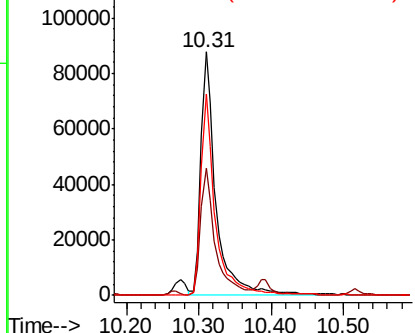
#61
4-Nitroaniline
Concen: 41.208 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 126762
Ion Ratio Lower Upper
138 100
92 52.4 31.7 71.7
108 82.5 59.3 99.3

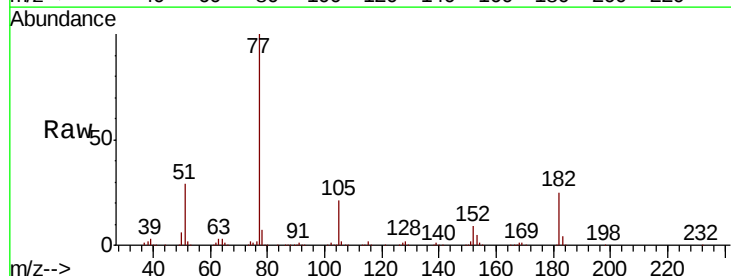


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

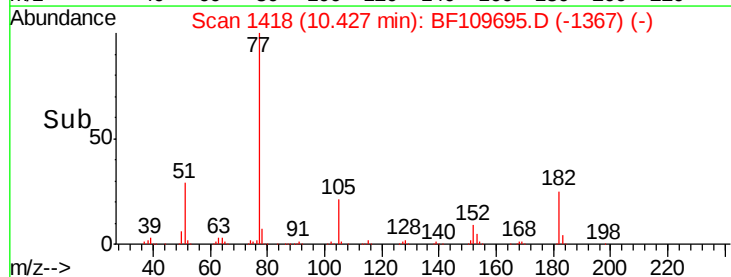
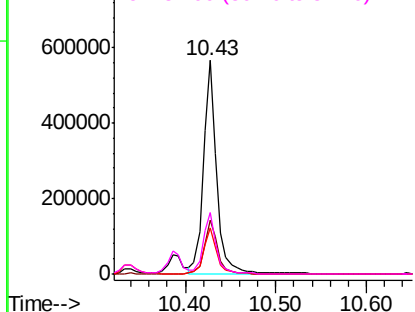


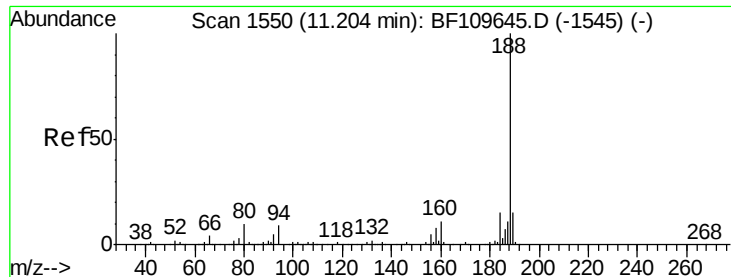
#62
Azobenzene
Concen: 41.803 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion: 77 Resp: 574971
Ion Ratio Lower Upper
77 100
182 25.4 4.3 44.3
105 21.4 1.3 41.3
51 28.6 9.0 49.0



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

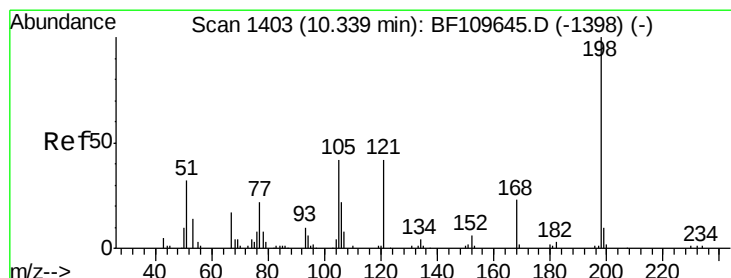
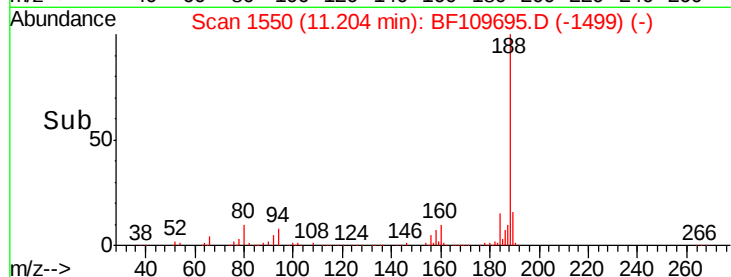
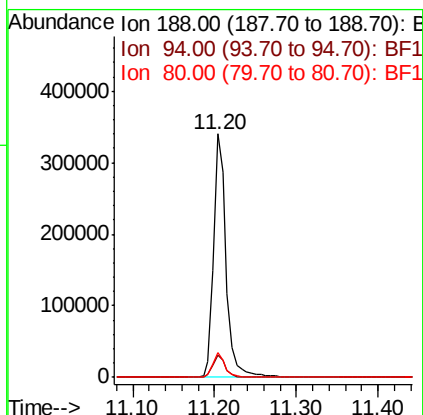
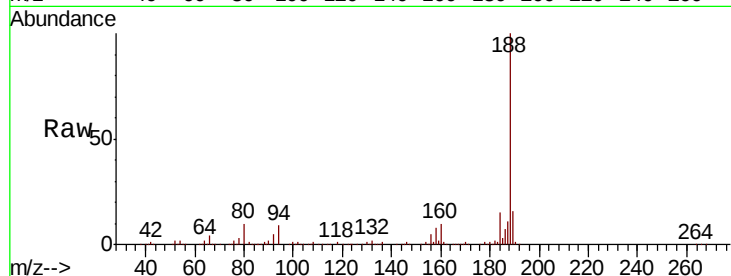




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

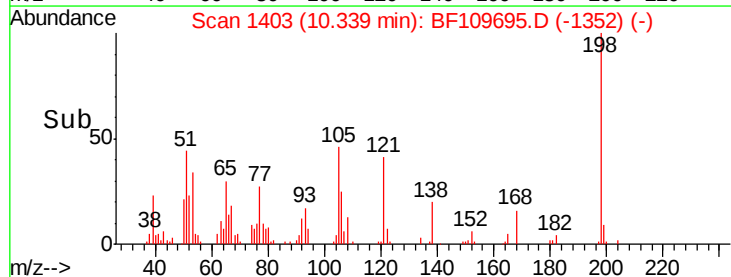
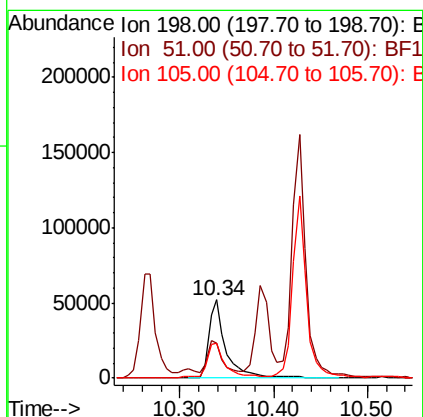
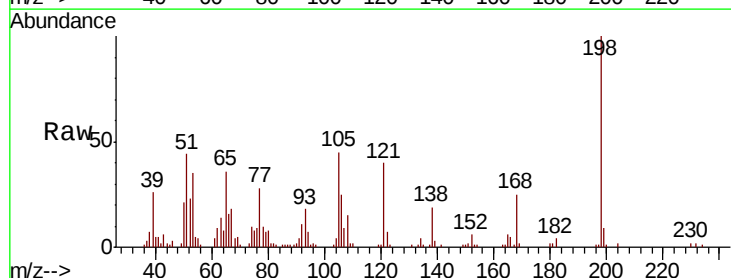
Instrument :
BNA_F
ClientSampleId :

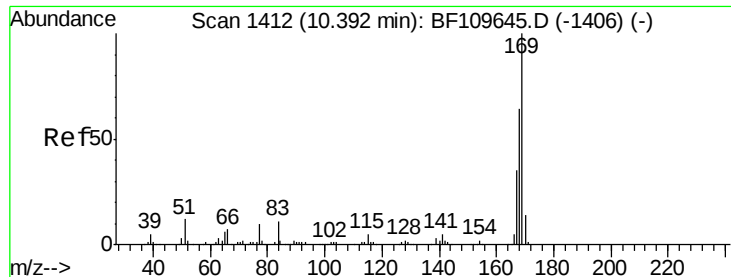
Tot Ion:188 Resp: 361476
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.9 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 37.849 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:198 Resp: 66591
Ion Ratio Lower Upper
198 100
51 44.4 22.8 62.8
105 44.8 23.6 63.6

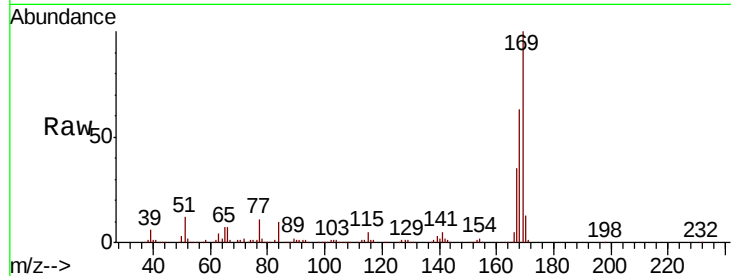




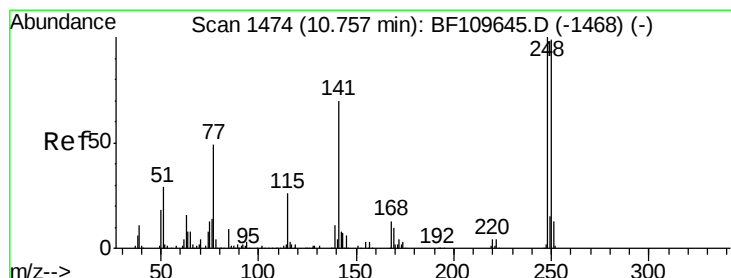
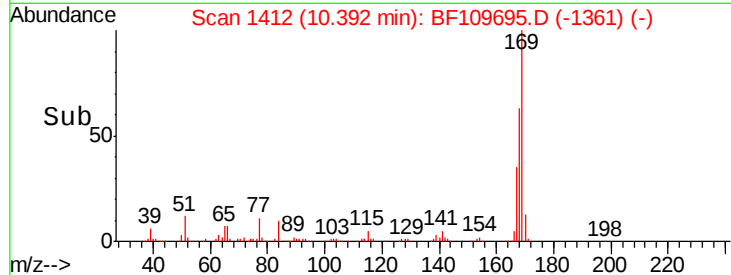
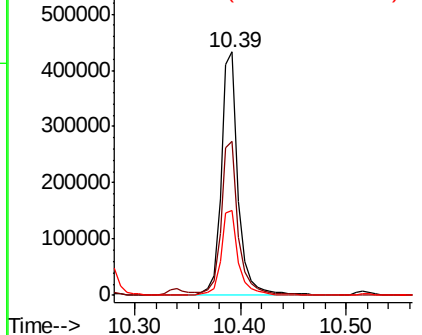
#65
 n-Nitrosodiphenylamine
 Concen: 39.420 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 483052
 Ion Ratio Lower Upper
 169 100
 168 63.4 51.2 76.8
 167 35.1 27.8 41.6

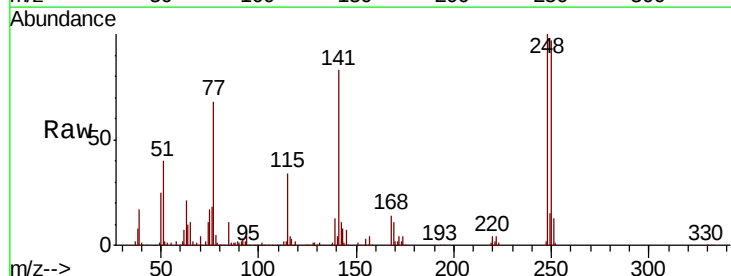


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

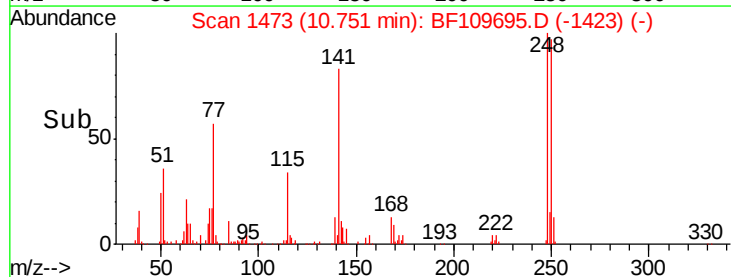
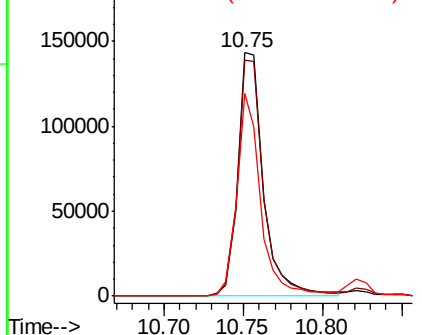


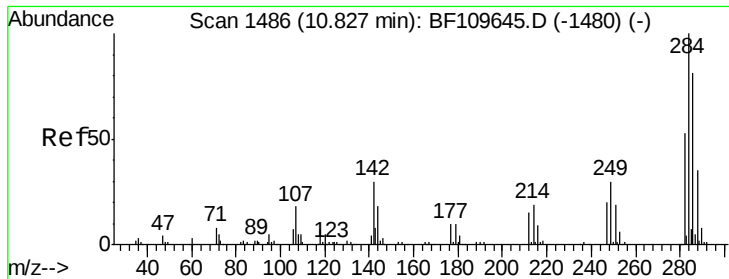
#66
 4-Bromophenyl-phenylether
 Concen: 39.019 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion:248 Resp: 162060
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 83.4 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

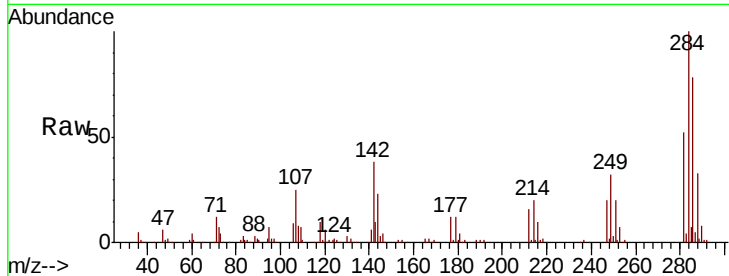




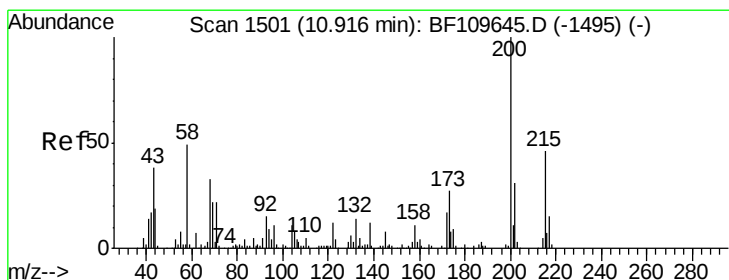
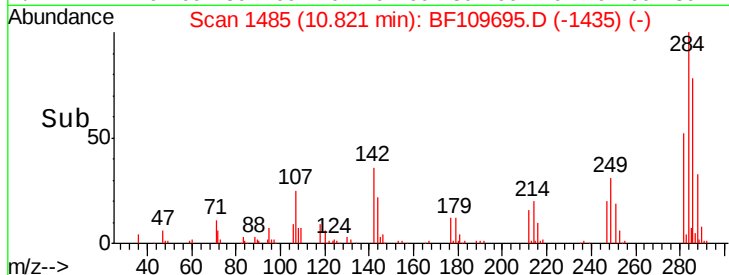
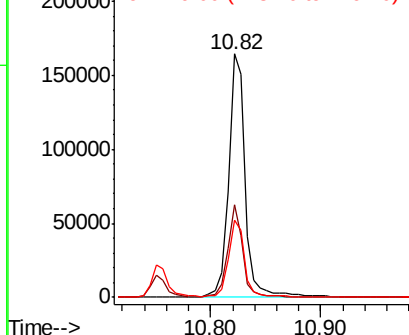
#67
Hexachlorobenzene
Concen: 38.512 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.9	23.9	35.9
249	31.8	24.2	36.2

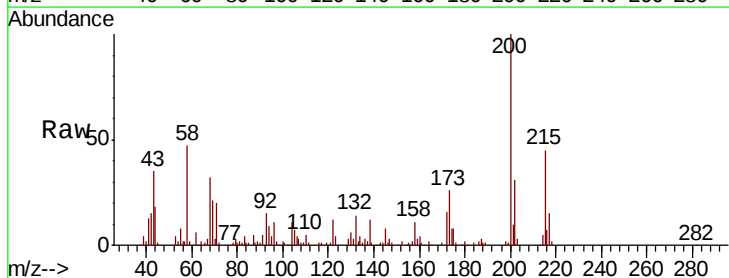


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

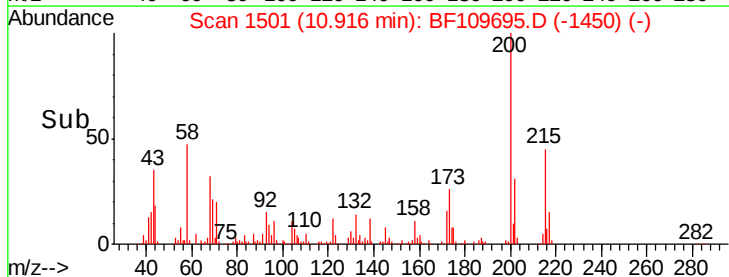
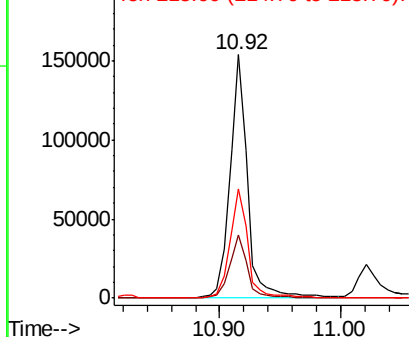


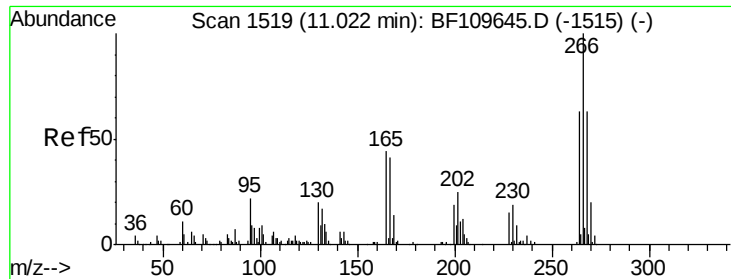
#68
Atrazine
Concen: 40.662 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.6	46.6
215	45.1	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

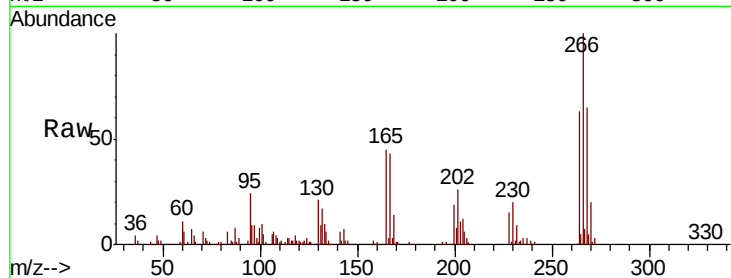




#69
 Pentachlorophenol
 Concen: 65.754 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.6	75.8
264	63.4	50.6	75.8

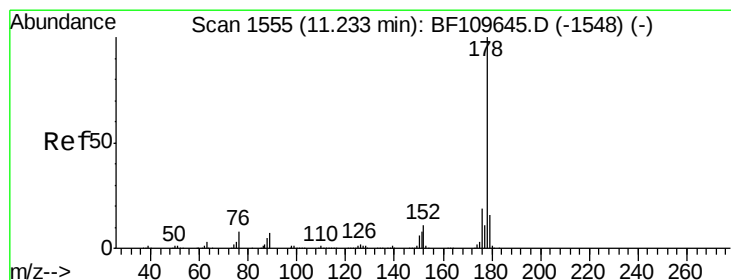
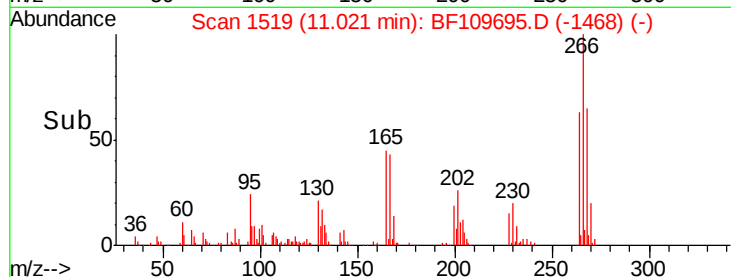
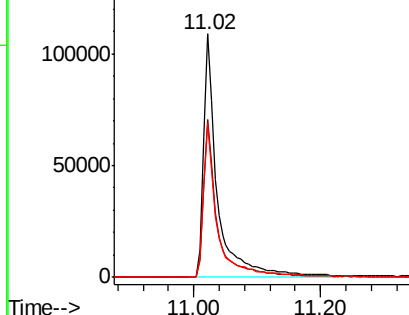


Abundance

Ion 265.70 (265.40 to 266.40): E

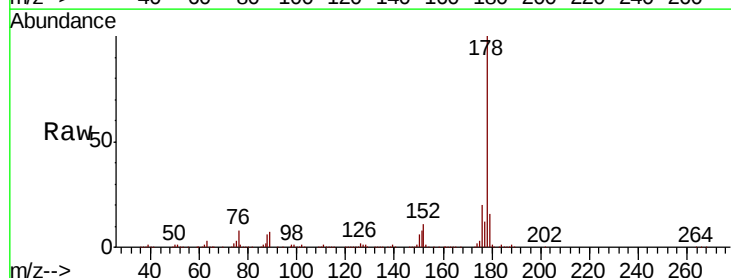
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 42.315 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.6	12.5	18.7

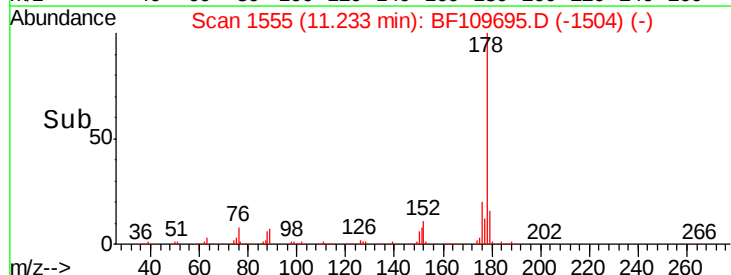
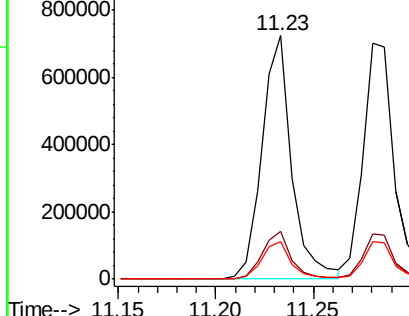


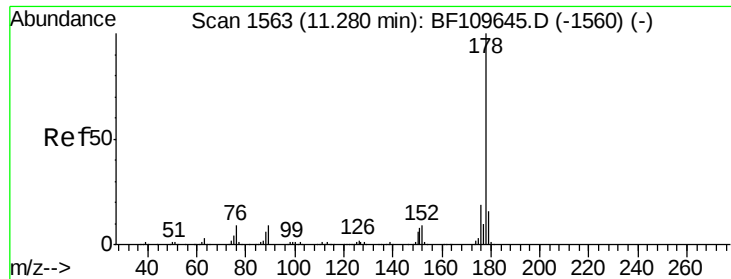
Abundance

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

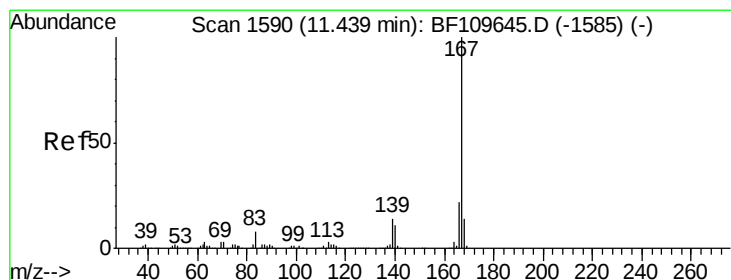
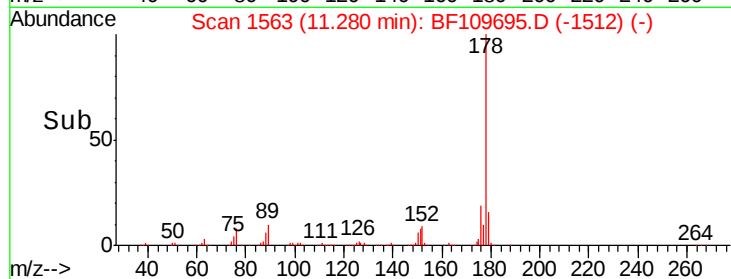
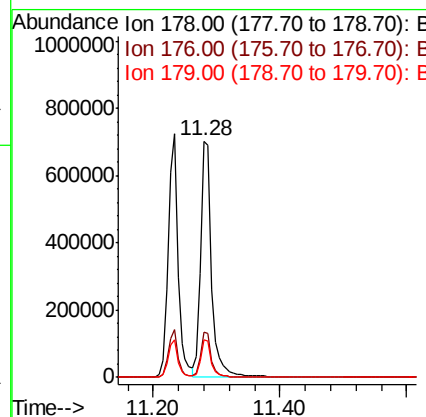
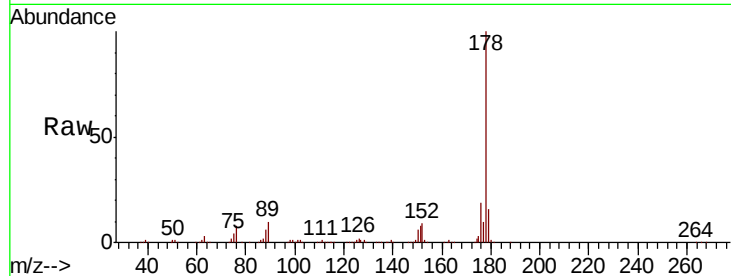




#71
 Anthracene
 Concen: 44.124 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

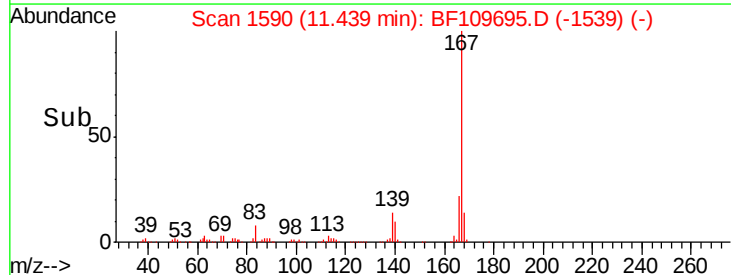
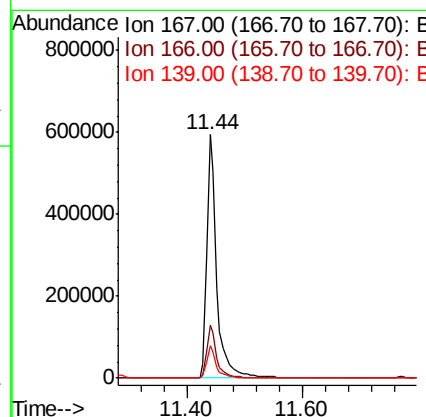
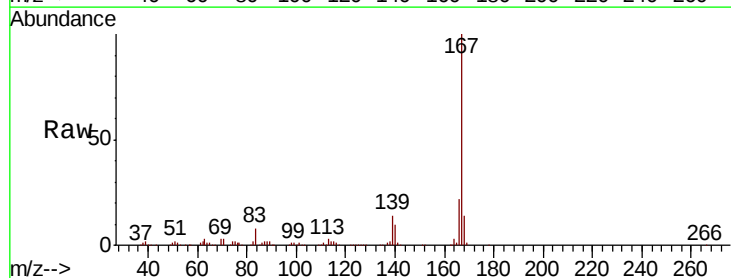
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 825107
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.9 12.6 18.8



#72
 Carbazole
 Concen: 39.876 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion:167 Resp: 723218
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.840 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

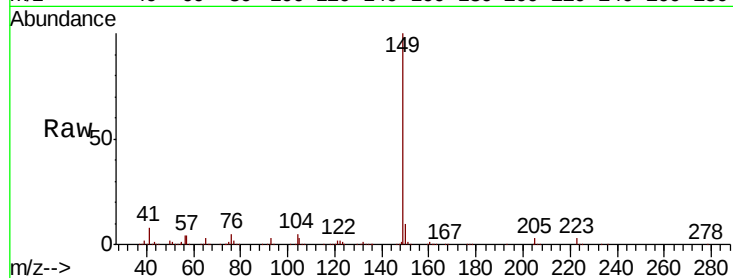
Tot Ion:149 Resp: 859092

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

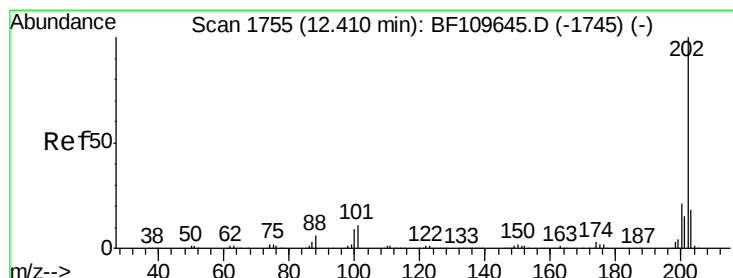
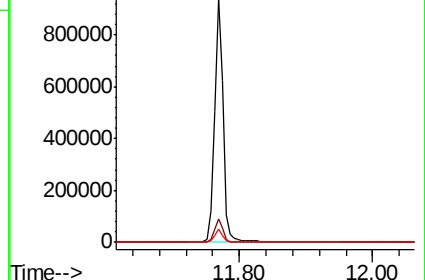
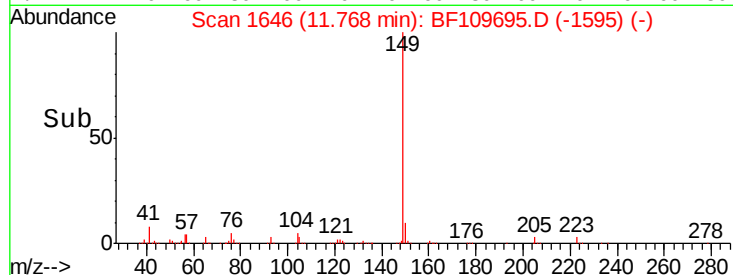
104 5.4 4.2 6.4



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: 43.635 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

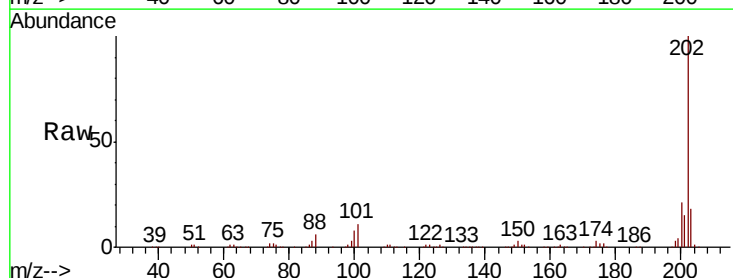
Tgt Ion:202 Resp: 824620

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

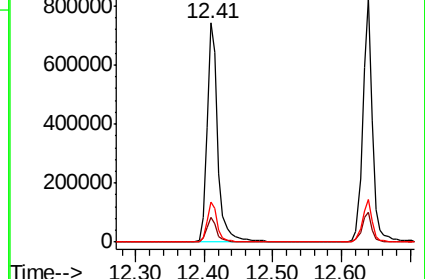
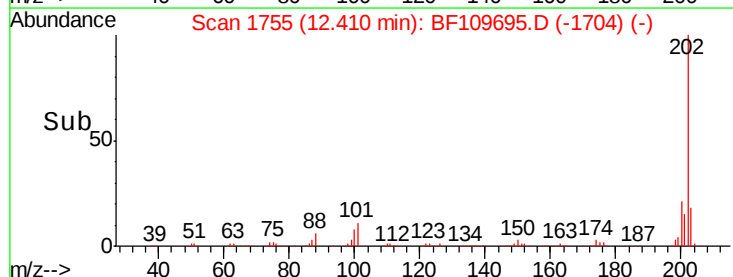
203 18.3 0.0 37.7

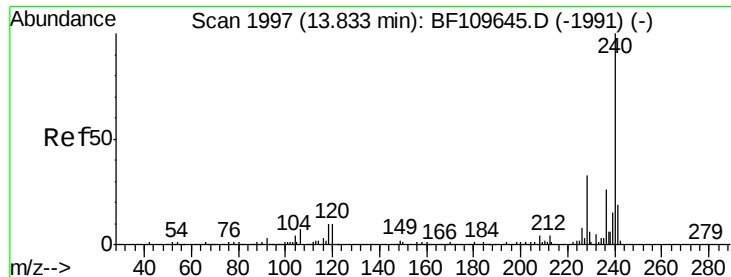


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF109695.D

Acq: 9 Oct 2018 15:19

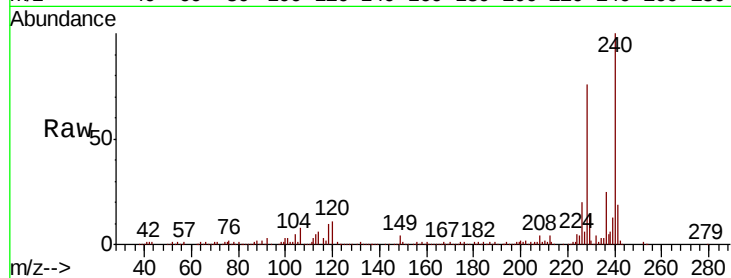
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 275010

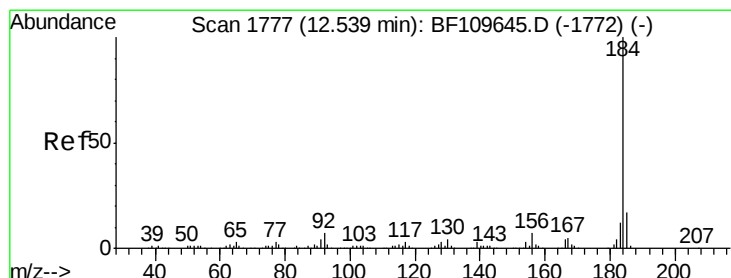
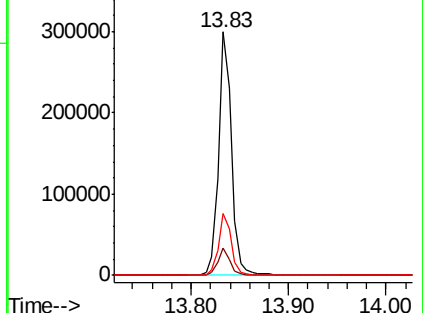
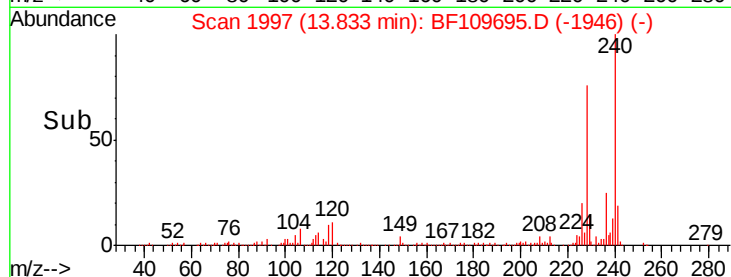
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.2	21.2	31.8



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: 39.053 ng

RT: 12.54 min Scan# 1777

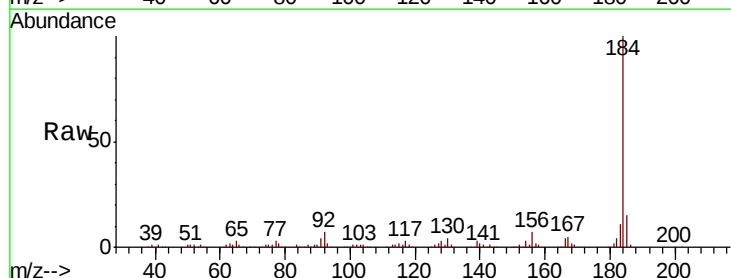
Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Tgt Ion:184 Resp: 398966

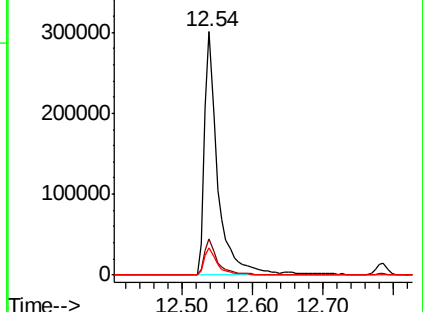
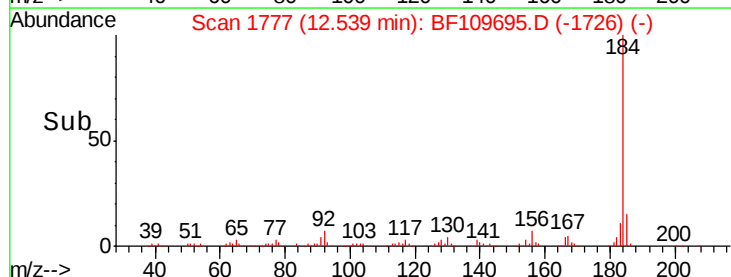
Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.2
183	11.1	9.4	14.2

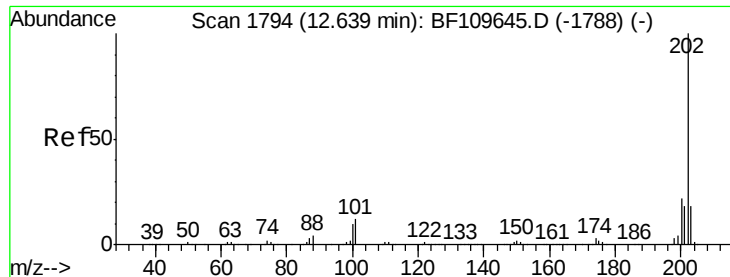


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

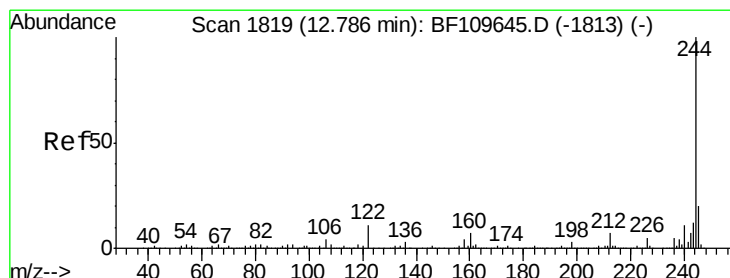
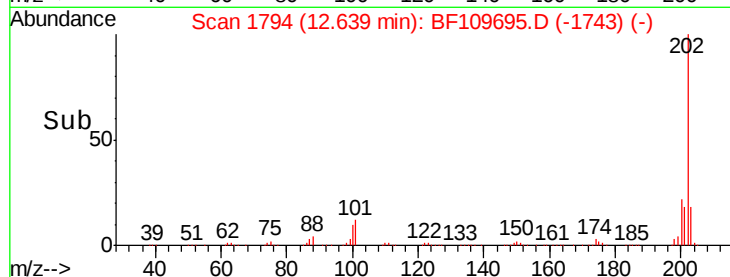
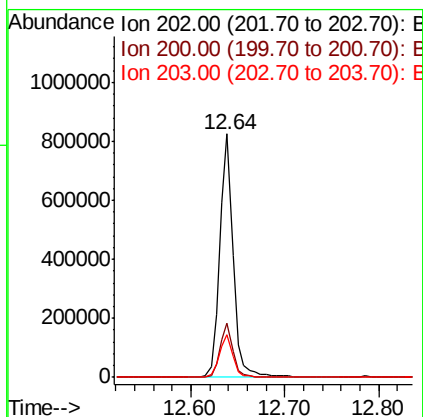
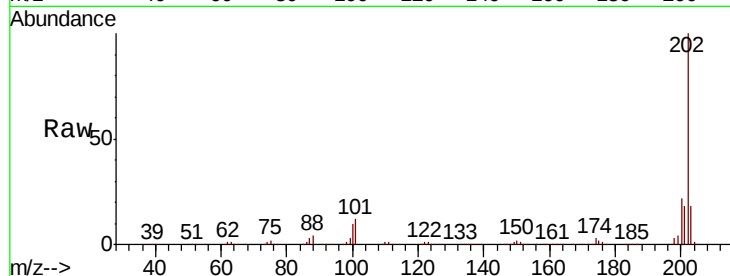




#77
Pvrene
Concen: 40.709 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

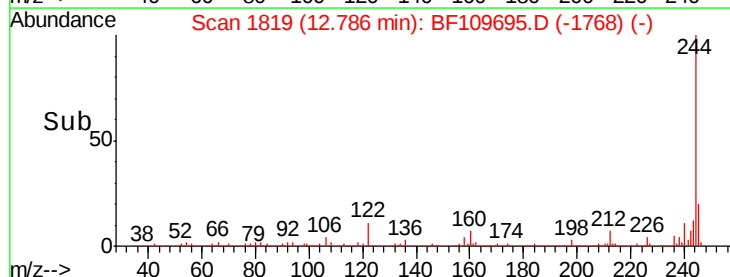
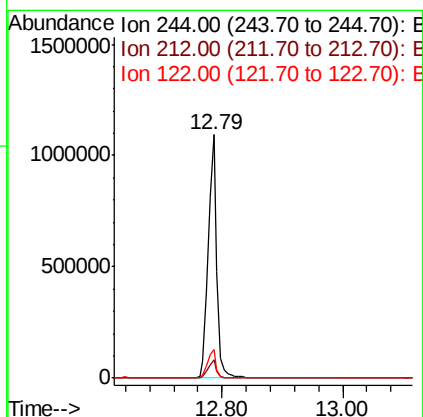
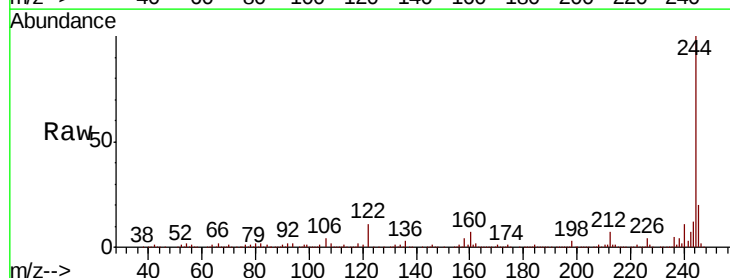
Instrument :
BNA_F
ClientSampleId :

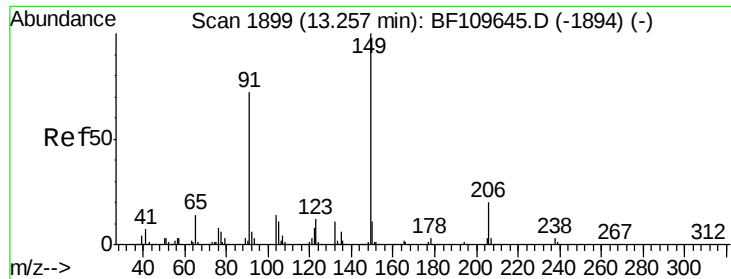
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.8	26.6
203	17.6	14.2	21.4



#78
Terphenyl-d14
Concen: 76.691 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.5	8.7	13.1

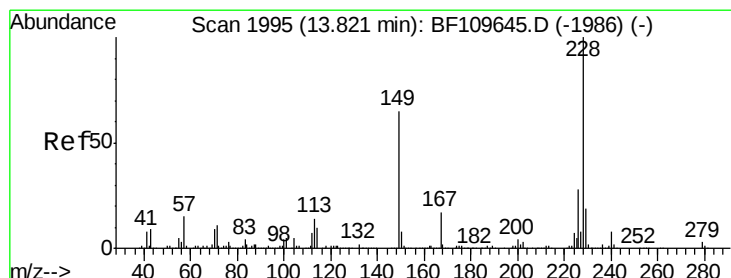
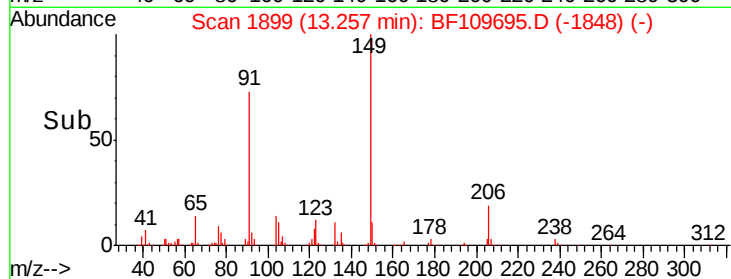
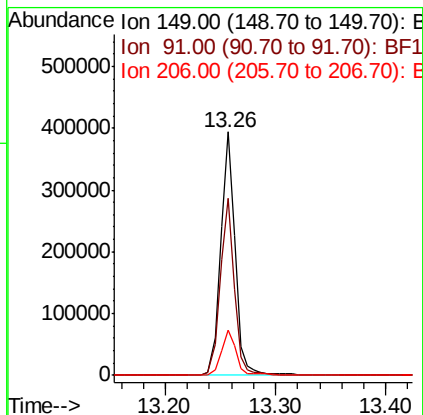
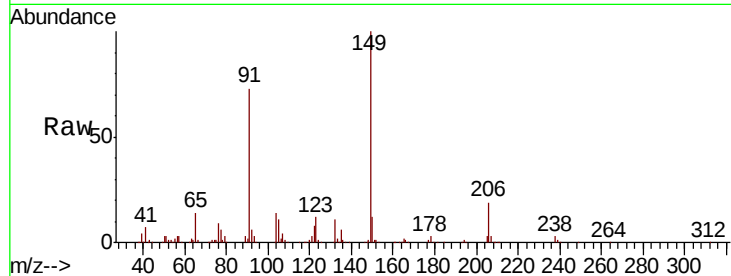




#79
Butylbenzylphthalate
Concen: 41.263 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

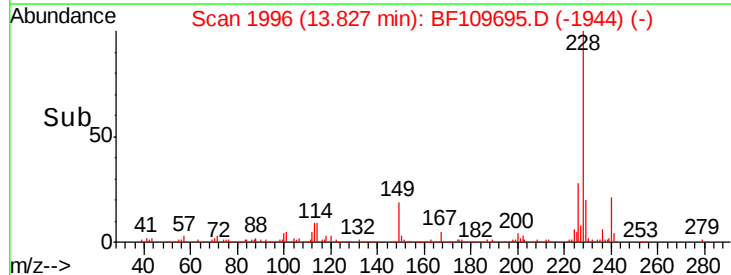
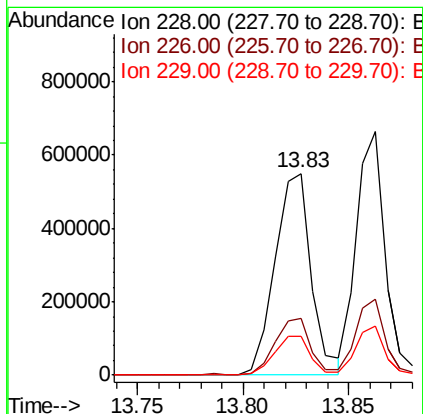
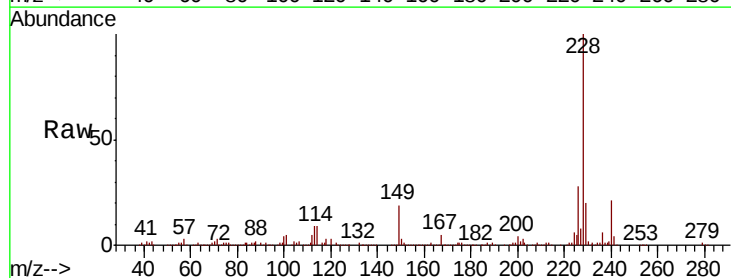
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 360460
Ion Ratio Lower Upper
149 100
91 72.9 57.2 85.8
206 18.7 15.7 23.5



#80
Benzo(a)anthracene
Concen: 43.465 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:228 Resp: 659631
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 19.5 15.6 23.4

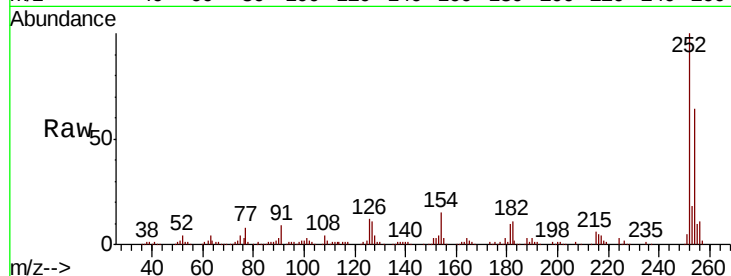




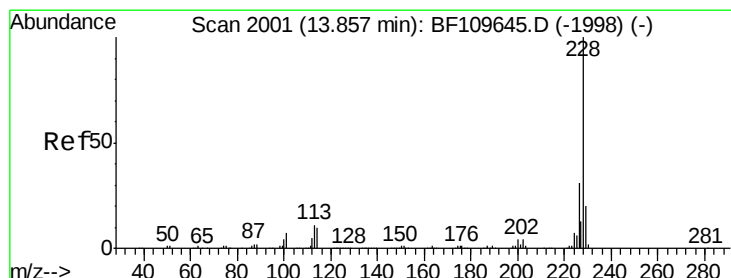
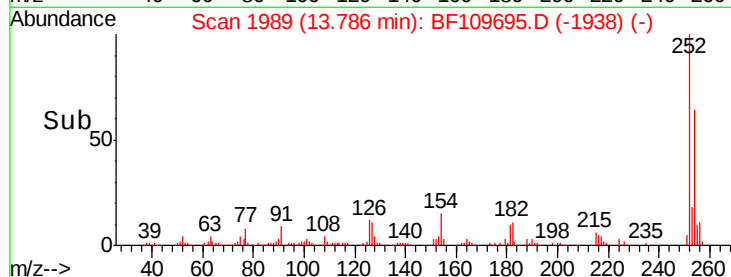
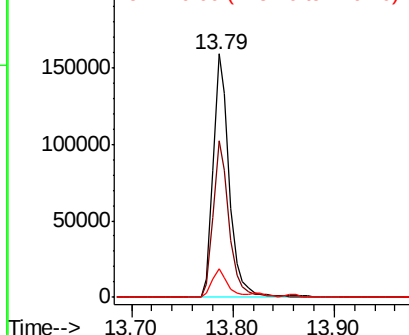
#81
 3,3'-Dichlorobenzidine
 Concen: 28.873 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 176437
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.3 76.9
 126 11.7 9.4 14.2

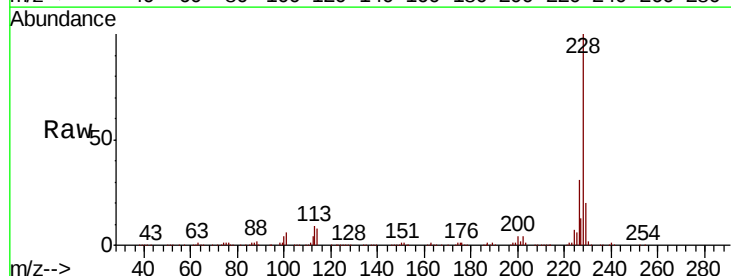


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

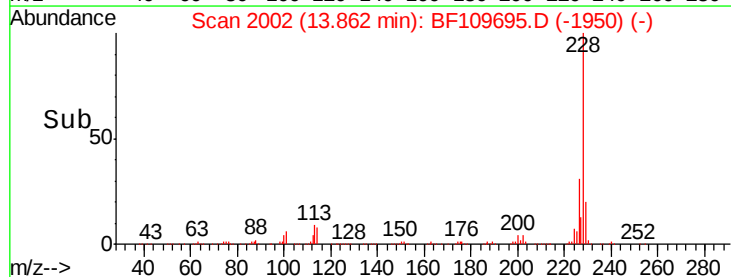
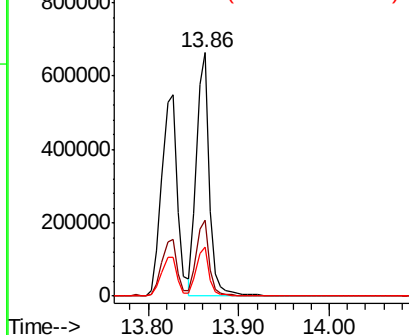


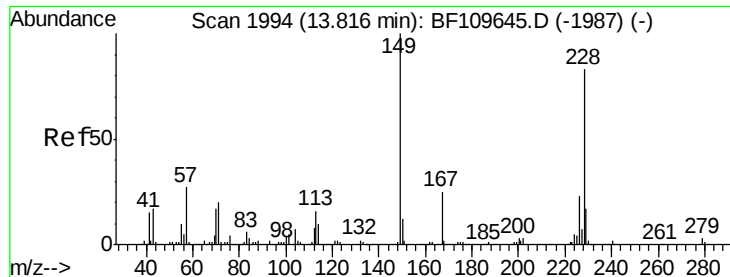
#82
 Chrysene
 Concen: 40.892 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF109695.D
 Acq: 9 Oct 2018 15:19

Tgt Ion:228 Resp: 651845
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.7 37.1
 229 20.1 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: 41.554 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :

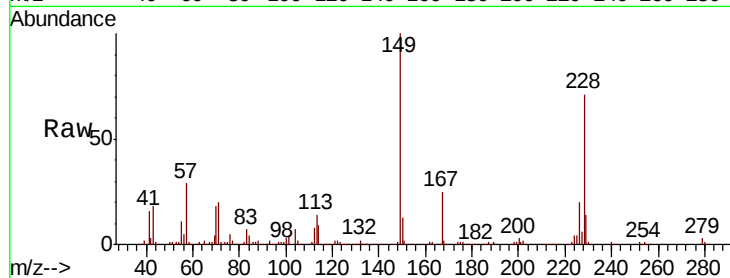
Tot Ion:149 Resp: 442873

Ion Ratio Lower Upper

149 100

167 25.4 19.8 29.8

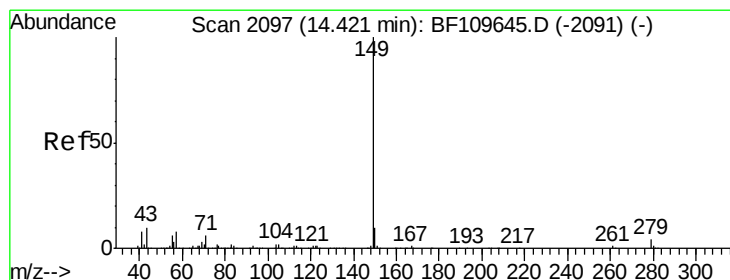
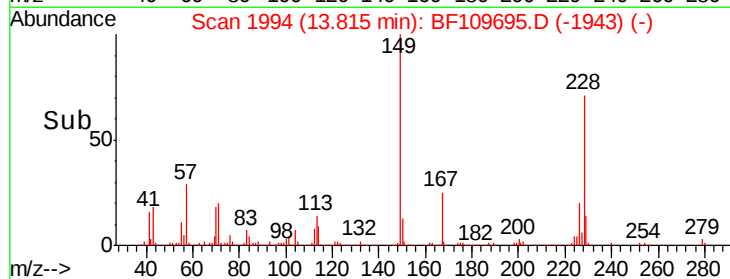
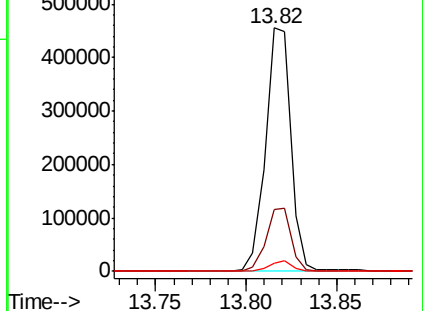
279 3.2 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.353 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

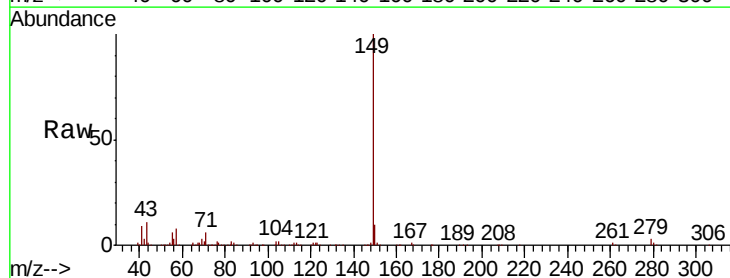
Tgt Ion:149 Resp: 747176

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

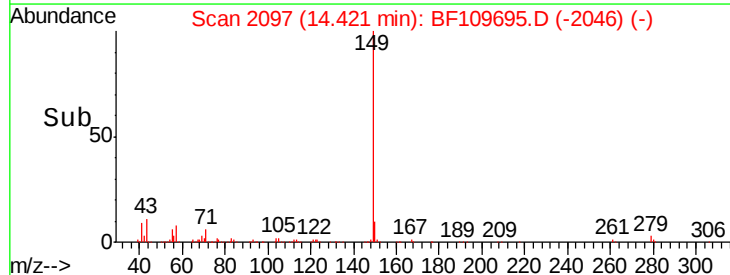
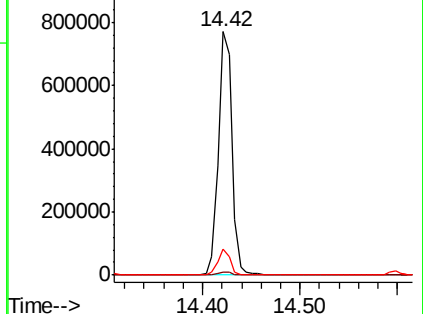
43 9.6 7.8 11.8

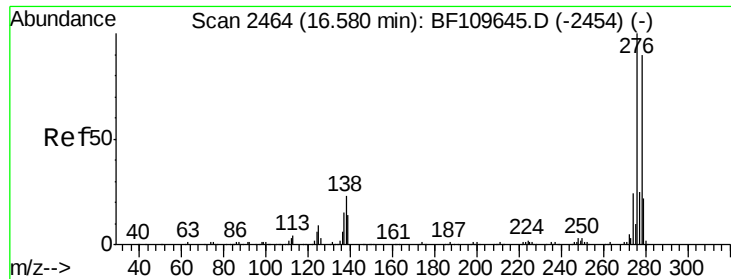


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.531 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

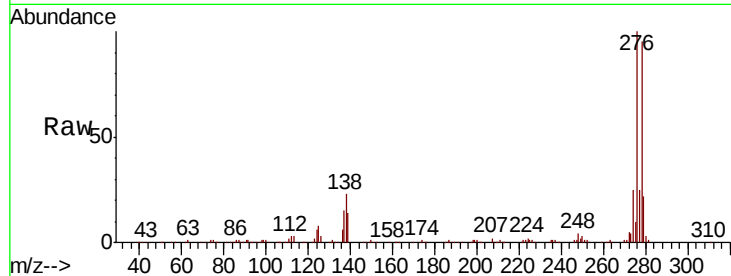
Tot Ion:276 Resp: 496680

Ion Ratio Lower Upper

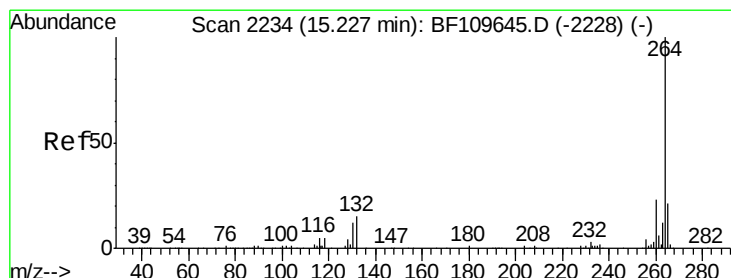
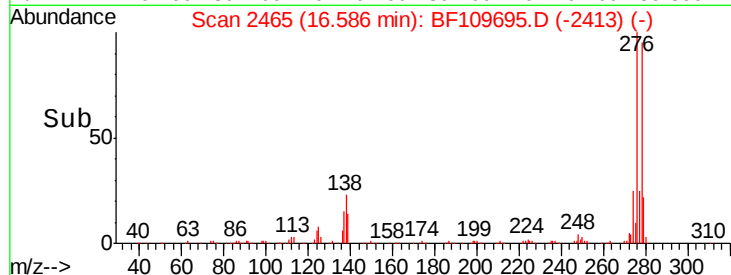
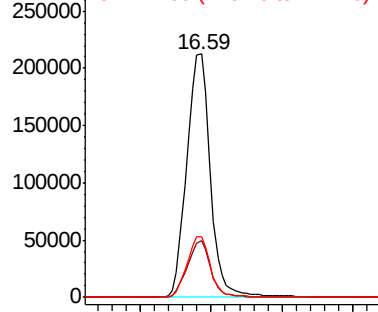
276 100

138 23.0 18.5 27.7

277 24.8 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: BF109695.D

Acq: 9 Oct 2018 15:19

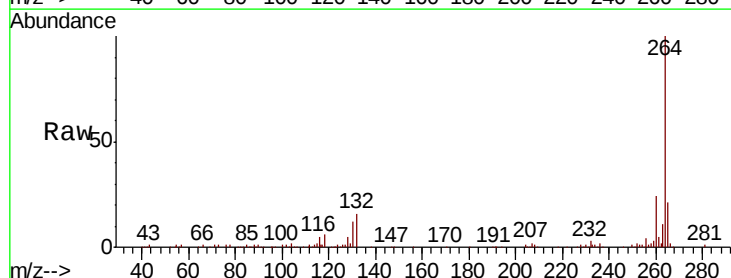
Tgt Ion:264 Resp: 227147

Ion Ratio Lower Upper

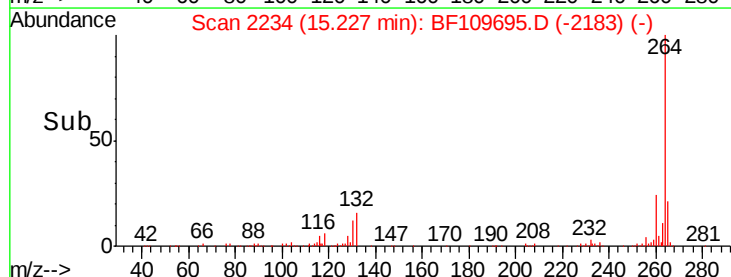
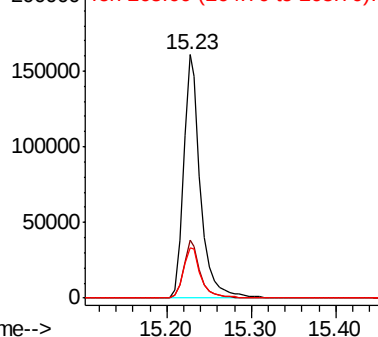
264 100

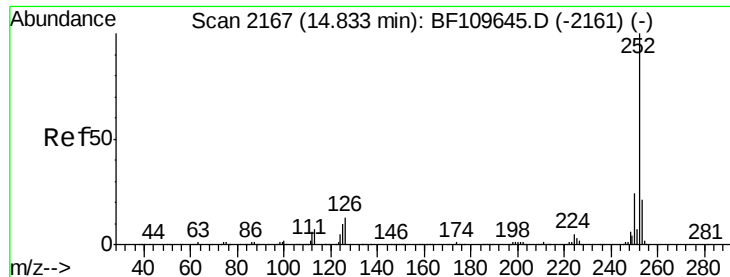
260 23.7 18.7 28.1

265 20.6 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

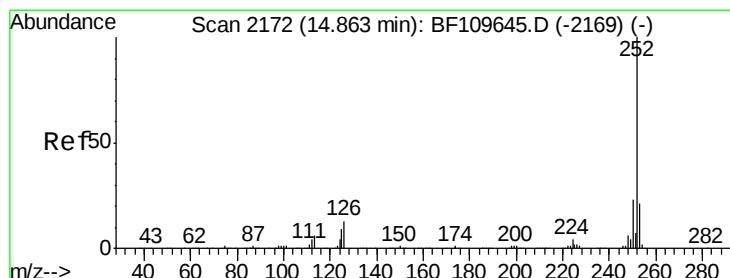
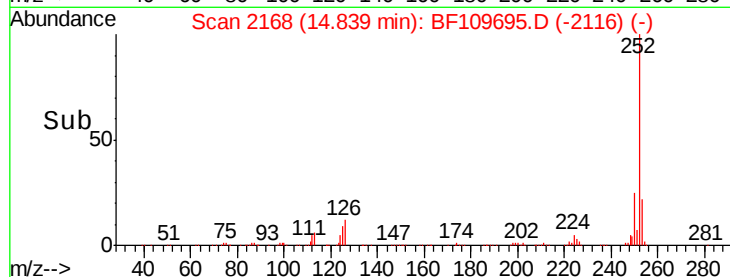
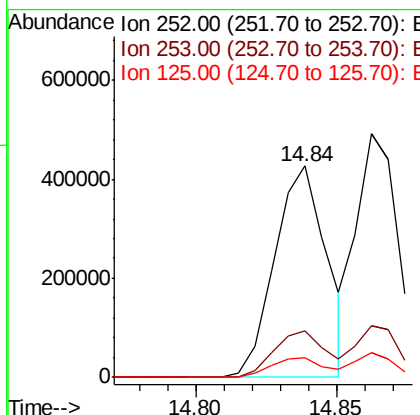
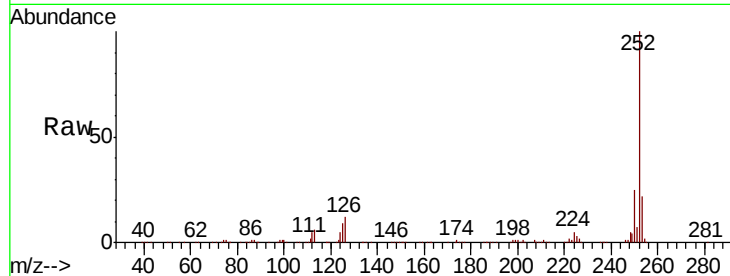




#87
Benzo(b)fluoranthene
Concen: 43.390 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

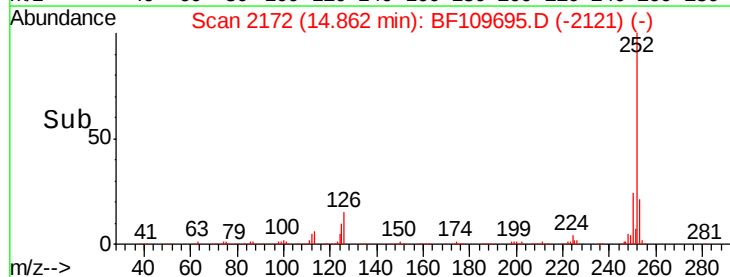
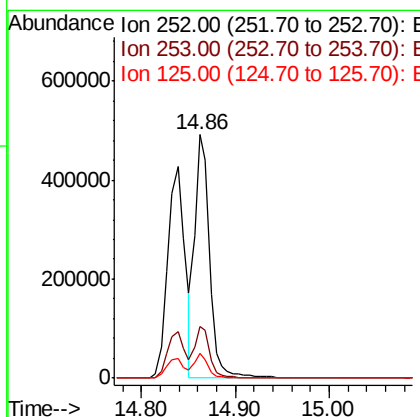
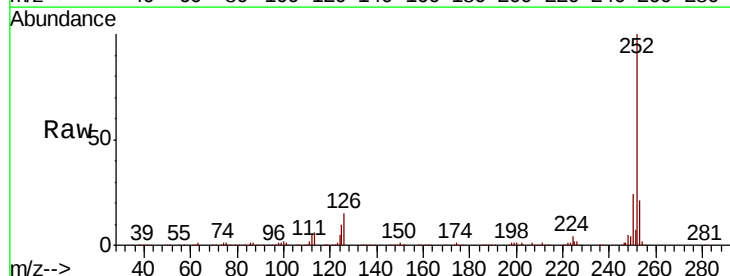
Instrument :
BNA_F
ClientSampleId :

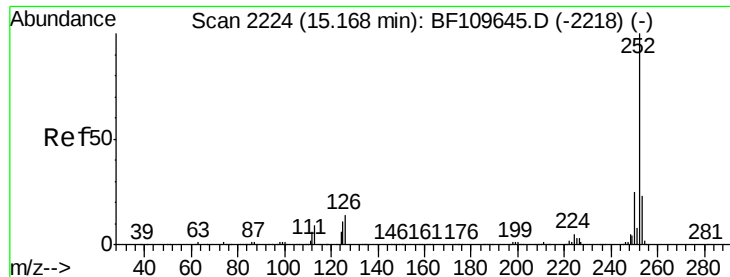
Tot Ion:252 Resp: 544651
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.1 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 42.617 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109695.D
Acq: 9 Oct 2018 15:19

Tgt Ion:252 Resp: 537498
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.9 7.4 11.0





#89

Benzo(a)pyrene

Concen: 43.904 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampled :

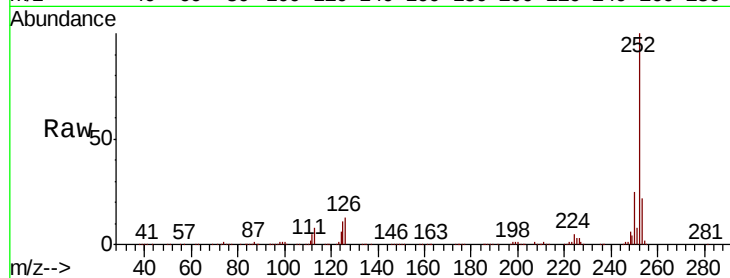
Tot Ion:252 Resp: 500116

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

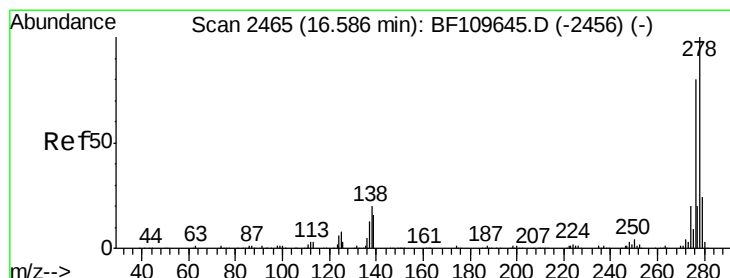
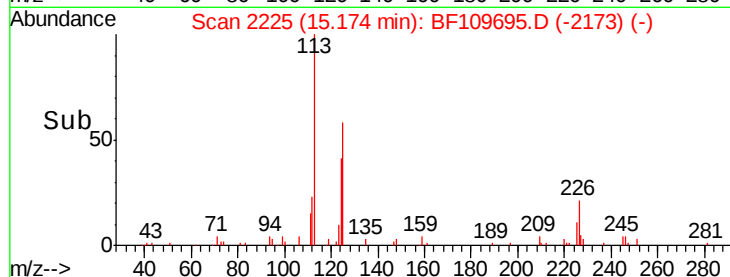
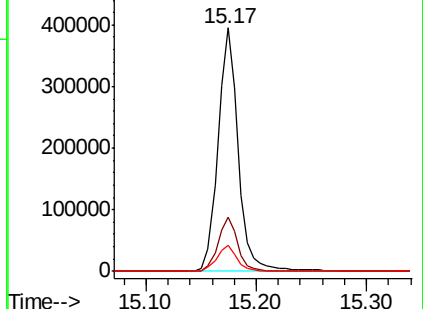
125 10.6 9.0 13.6



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: 43.508 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

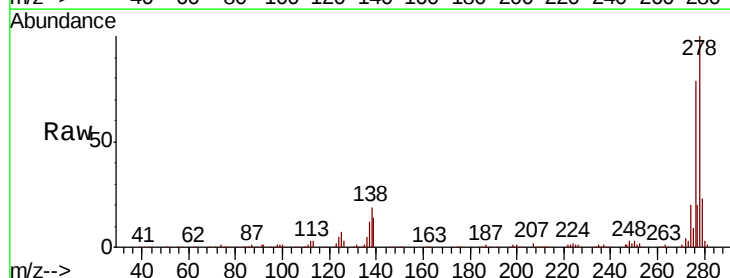
Tgt Ion:278 Resp: 407030

Ion Ratio Lower Upper

278 100

139 14.0 12.7 19.1

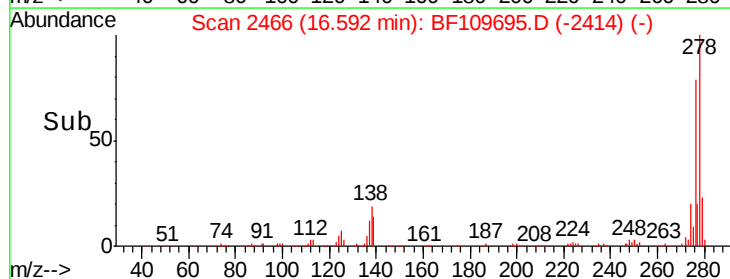
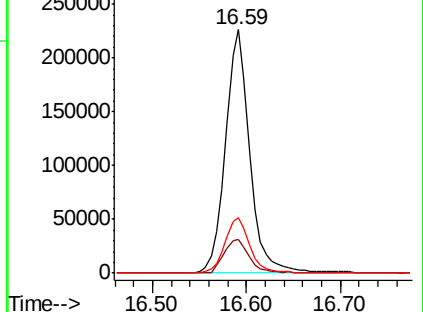
279 22.7 19.0 28.4

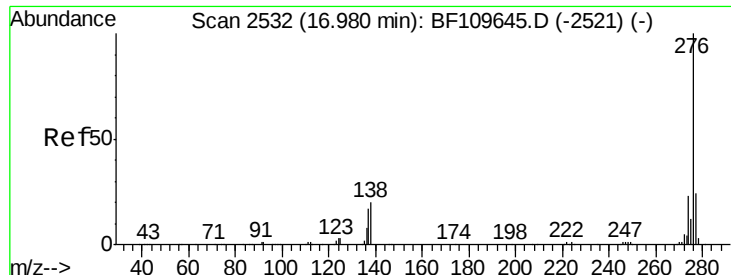


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.401 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

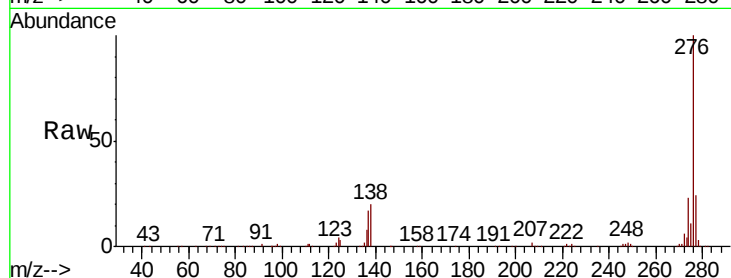
Lab File: BF109695.D

Acq: 9 Oct 2018 15:19

Instrument :

BNA_F

ClientSampleId :



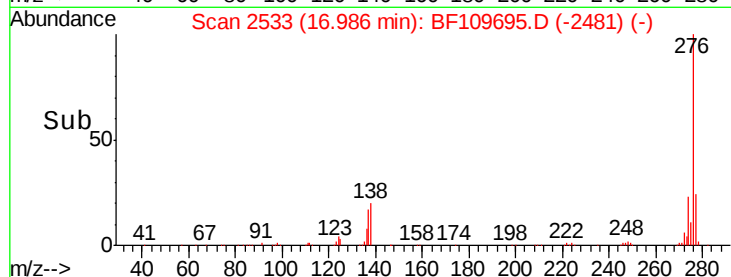
Tot Ion: 276 Resp: 414796

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 20.2 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

250000

200000

150000

100000

50000

0

16.99

16.90 17.00 17.10 17.20

Time-->