

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104945.D
 Acq On : 30 Apr 2018 20:47
 Operator : JU/SJ
 Sample : J2597-03MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:37:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118646	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	492562	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	223073	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	360744	20.00	ng	0.00
75) Chrysene-d12	13.97	240	226463	20.00	ng	0.00
86) Perylene-d12	15.43	264	199483	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	839401	108.18	ng	0.02
7) Phenol-d6	6.44	99	918810	96.37	ng	0.00
23) Nitrobenzene-d5	7.36	82	690456	91.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	263117	113.71	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1271838	90.07	ng	0.00
78) Terphenyl-d14	12.91	244	979321	98.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	108368	29.97	ng	# 74
3) Pyridine	3.42	79	161827	15.92	ng	87
4) n-Nitrosodimethylamine	3.35	42	121498	34.19	ng	# 77
6) Aniline	6.46	93	124009	9.36	ng	# 87
8) 2-Chlorophenol	6.58	128	327479	39.99	ng	95
9) Benzaldehyde	6.35	77	91280	15.12	ng	97
10) Phenol	6.45	94	327834	32.41	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	312571	38.72	ng	93
12) 1,3-Dichlorobenzene	6.73	146	355322	38.30	ng	98
13) 1,4-Dichlorobenzene	6.81	146	363366	39.29	ng	98
14) 1,2-Dichlorobenzene	6.96	146	330436	38.55	ng	98
15) Benzyl Alcohol	6.94	79	257943	35.62	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	354380	32.69	ng	# 35
17) 2-Methylphenol	7.06	107	262615	36.89	ng	# 91
18) Hexachloroethane	7.30	117	125321	38.00	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	218619	35.09	ng	92
20) 3+4-Methylphenols	7.21	107	319954	36.24	ng	# 73
22) Acetophenone	7.20	105	452989	37.35	ng	99
24) Nitrobenzene	7.38	77	338011	40.59	ng	95
25) Isophorone	7.62	82	620780	38.92	ng	98
26) 2-Nitrophenol	7.69	139	176523	52.06	ng	95
27) 2,4-Dimethylphenol	7.73	122	290700	41.29	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	405768	41.61	ng	99
29) 2,4-Dichlorophenol	7.94	162	279243	41.57	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	292462	39.67	ng	99
31) Naphthalene	8.10	128	1003349	40.91	ng	99
32) Benzoic acid	7.88	122	165766	29.51	ng	93
33) 4-Chloroaniline	8.15	127	66053	6.29	ng	97
34) Hexachlorobutadiene	8.20	225	159768	39.57	ng	99
35) Caprolactam	8.53	113	36653	15.64	ng	# 73
36) 4-Chloro-3-methylphenol	8.65	107	289367	40.18	ng	99
37) 2-Methylnaphthalene	8.79	142	643598	40.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	277528	43.46	ng	98
40) Hexachlorocyclopentadiene	8.93	237	90367	25.28	ng	97

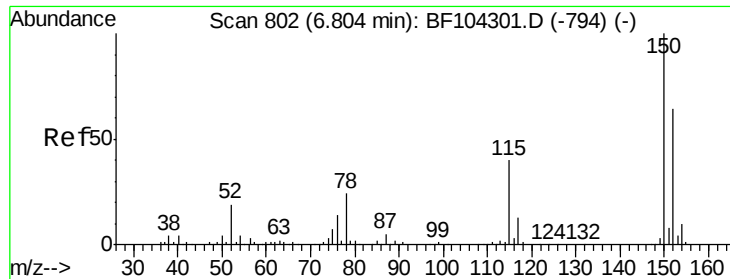
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104945.D
 Acq On : 30 Apr 2018 20:47
 Operator : JU/SJ
 Sample : J2597-03MS
 Misc :
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Instrument :
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Quant Time: May 01 04:37:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	184783	41.69	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	192120	38.73	nq	96
45) 1,1'-Biphenyl	9.26	154	757595	40.43	nq	98
46) 2-Chloronaphthalene	9.28	162	592326	40.02	nq	99
47) 2-Nitroaniline	9.39	65	171147	46.75	nq	93
48) Acenaphthylene	9.70	152	859269	37.00	nq	99
49) Dimethylphthalate	9.56	163	711304	40.44	nq	100
50) 2,6-Dinitrotoluene	9.63	165	151387	46.51	nq	89
51) Acenaphthene	9.87	154	513630	36.25	nq	100
52) 3-Nitroaniline	9.80	138	98624	25.88	nq	91
53) 2,4-Dinitrophenol	9.91	184	35003	36.52	nq	# 22
54) Dibenzofuran	10.04	168	746280	37.79	nq	97
55) 4-Nitrophenol	9.97	139	163323	54.56	nq	95
56) 2,4-Dinitrotoluene	10.03	165	180421	42.26	nq	# 93
57) Fluorene	10.39	166	599058	41.68	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	141063	38.12	nq	95
59) Diethylphthalate	10.26	149	673120	38.42	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	277890	43.41	nq	95
61) 4-Nitroaniline	10.42	138	144354	38.74	nq	95
62) Azobenzene	10.53	77	586726	35.05	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	29490	21.56	nq	82
65) n-Nitrosodiphenylamine	10.50	169	544851	43.56	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	169964	44.29	nq	94
67) Hexachlorobenzene	10.93	284	181254	41.98	nq	# 89
68) Atrazine	11.03	200	165346	43.79	nq	99
69) Pentachlorophenol	11.13	266	148762	55.69	nq	98
70) Phenanthrene	11.35	178	791890	39.42	nq	99
71) Anthracene	11.40	178	813155	39.82	nq	99
72) Carbazole	11.56	167	718131	35.99	nq	100
73) Di-n-butylphthalate	11.88	149	972441	39.89	nq	99
74) Fluoranthene	12.54	202	727464	34.66	nq	98
76) Benzidine	12.66	184	25919	Below	Cal	97
77) Pyrene	12.77	202	708018	42.18	nq	100
79) Butylbenzylphthalate	13.38	149	352303	44.55	nq	96
80) Benzo(a)anthracene	13.96	228	588489	43.50	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	149853	29.71	nq	98
82) Chrysene	14.00	228	548623	39.48	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	486735	47.85	nq	99
84) Di-n-octyl phthalate	14.56	149	758782	44.64	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.90	276	474219	40.17	nq	95
87) Benzo(b)fluoranthene	15.01	252	556217	44.15	nq	99
88) Benzo(k)fluoranthene	15.04	252	469628	39.48	nq	99
89) Benzo(a)pyrene	15.37	252	477793	42.38	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	395072	42.67	nq	97
91) Benzo(g,h,i)perylene	17.34	276	382659	42.66	nq	95

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

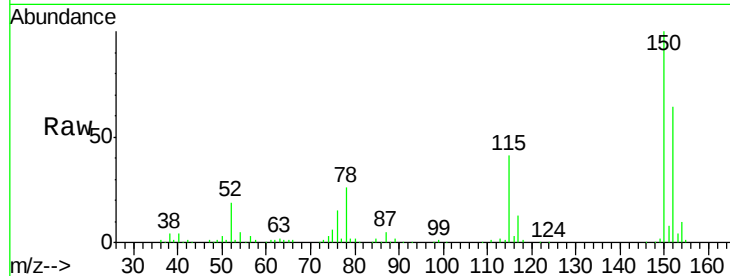


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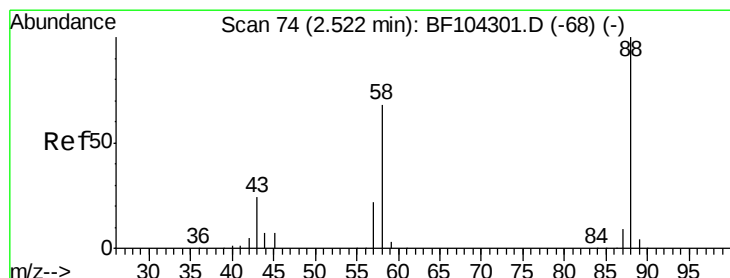
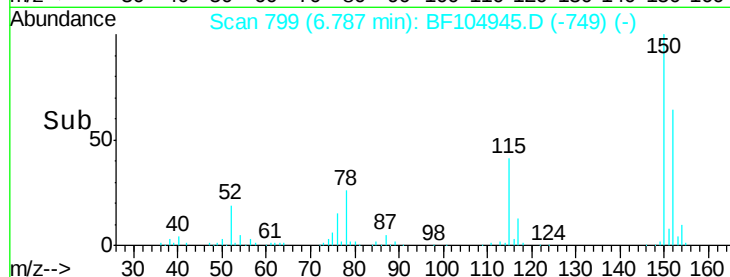
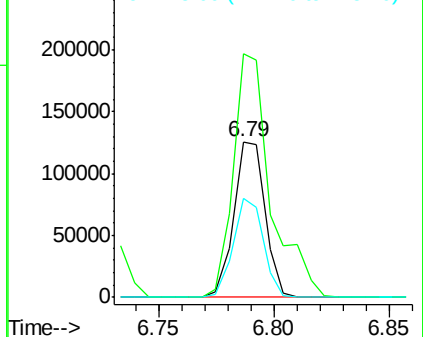
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118646
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 64.0 50.1 75.1



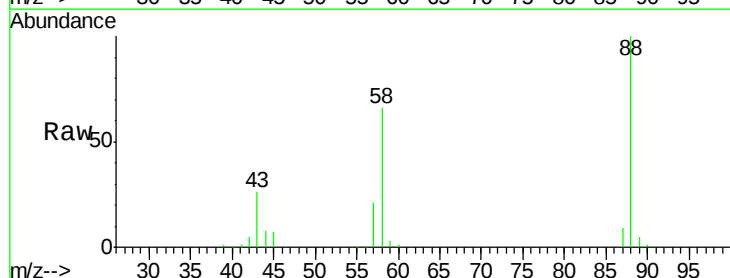
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



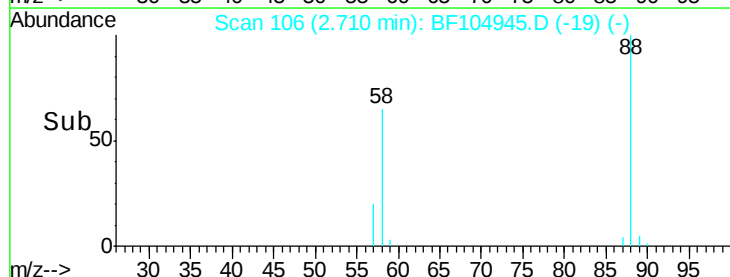
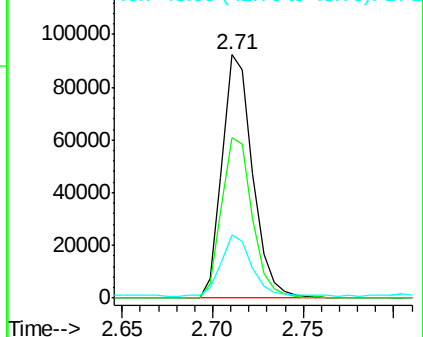
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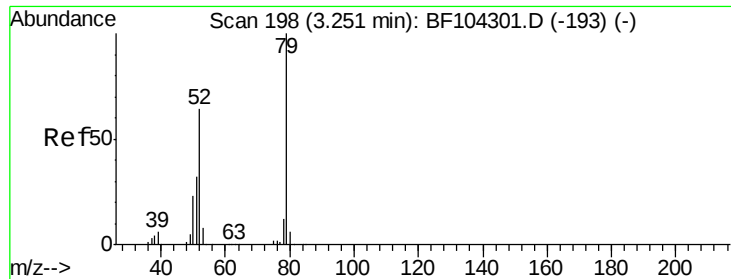
1,4-Dioxane
Concen: 29.97 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.21 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion: 88 Resp: 108368
Ion Ratio Lower Upper
88 100
58 66.4 62.6 93.8
43 0.0 24.6 37.0#



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: 15.92 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.19 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

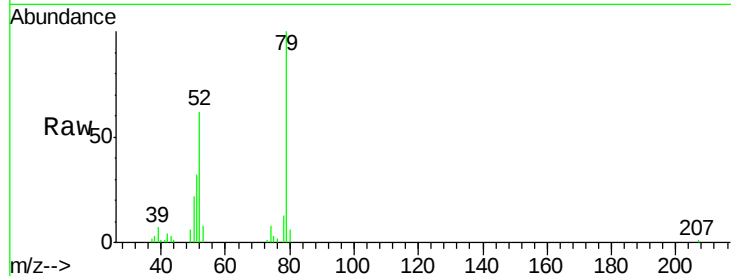
Tot Ion: 79 Resp: 161827

Ion Ratio Lower Upper

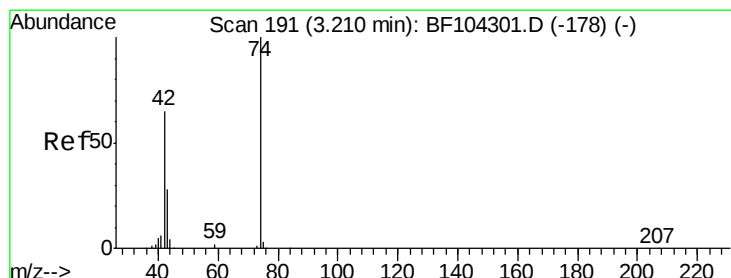
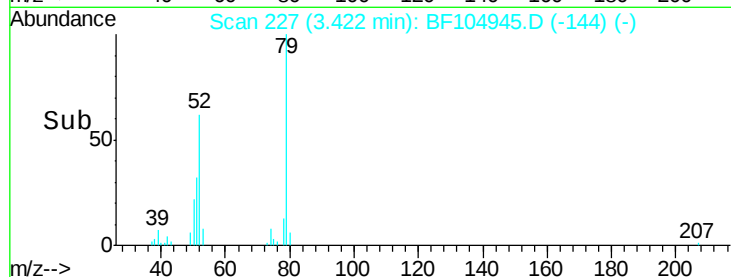
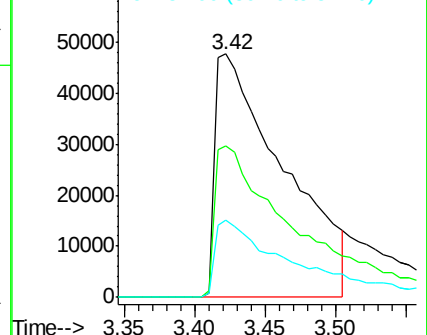
79 100

52 62.4 59.8 89.6

51 31.7 29.8 44.8



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: 34.19 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.14 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

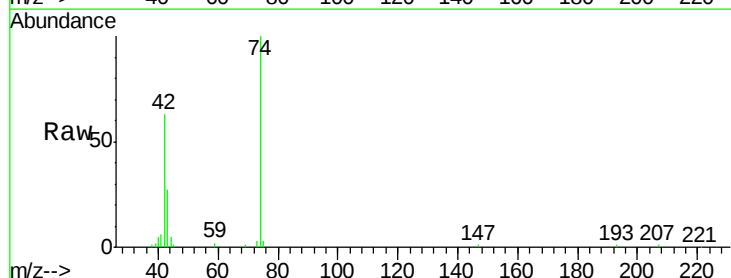
Tgt Ion: 42 Resp: 121498

Ion Ratio Lower Upper

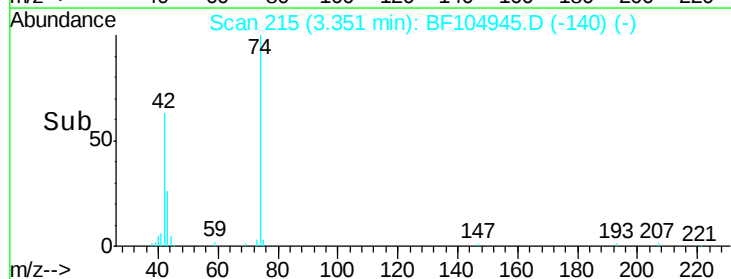
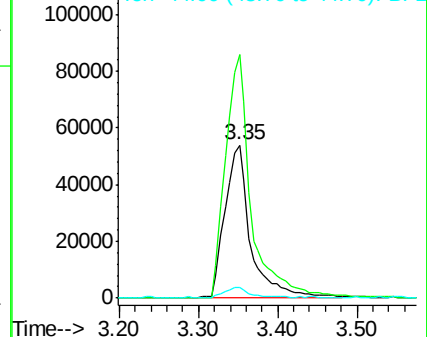
42 100

74 159.1 104.9 157.3#

44 7.3 6.9 10.3



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: 108.18 ng

RT: 5.43 min Scan# 568

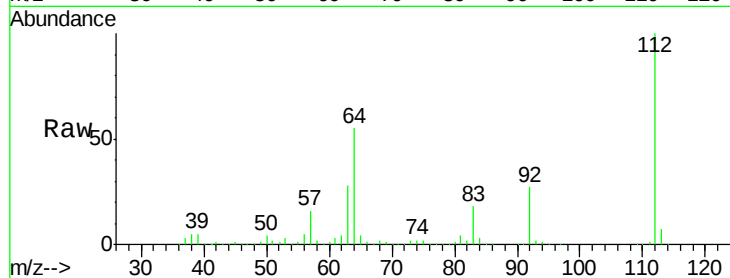
Delta R.T. 0.02 min

Lab File: BF104945.D

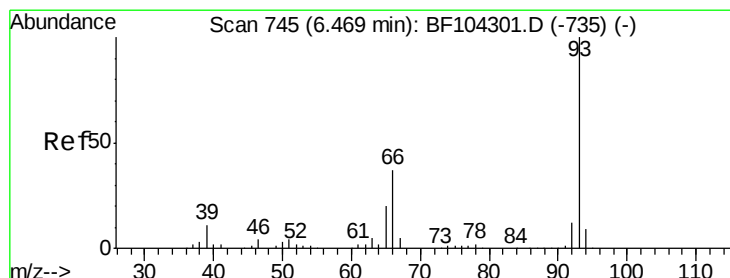
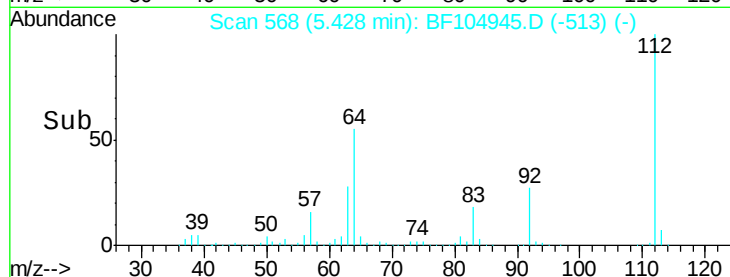
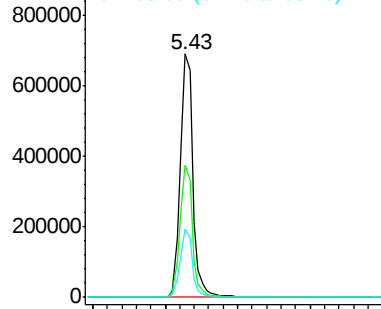
Acq: 30 Apr 2018 20:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	839401
Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	28.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 9.36 ng

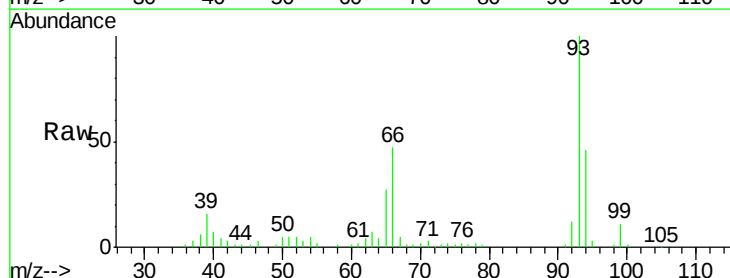
RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

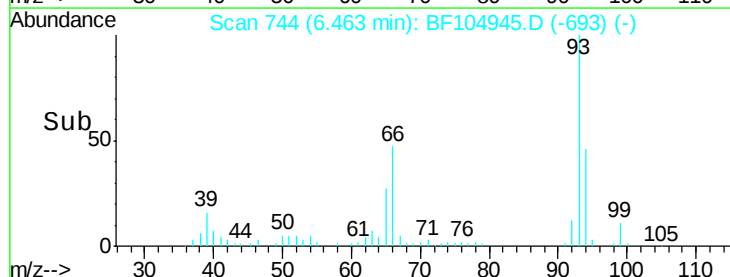
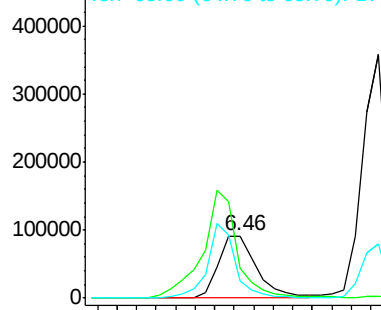
Lab File: BF104945.D

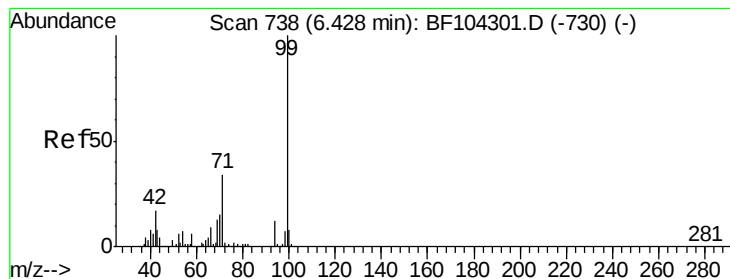
Acq: 30 Apr 2018 20:47

Tgt Ion:	93	Resp:	124009
Ion	Ratio	Lower	Upper
93	100		
66	47.5	32.2	48.2
65	27.0	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 96.37 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

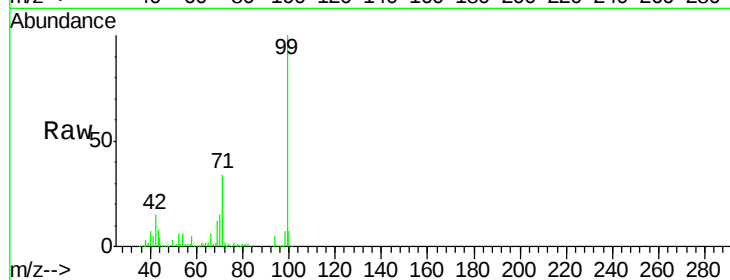
Tot Ion: 99 Resp: 918810

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

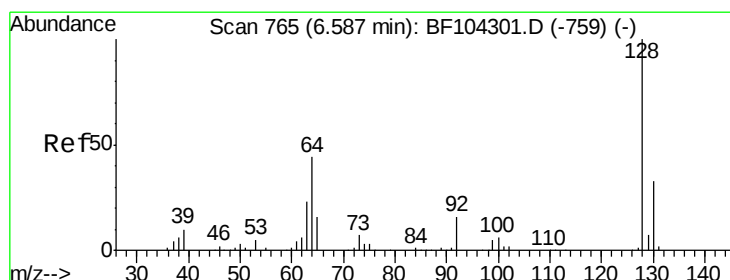
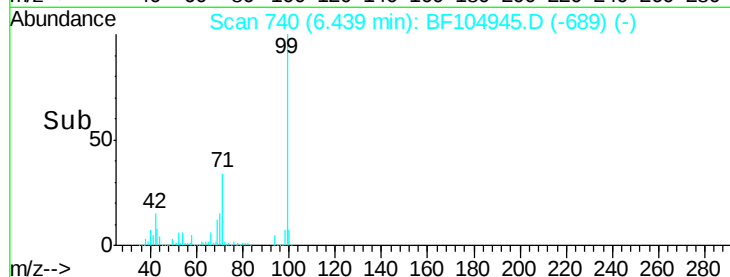
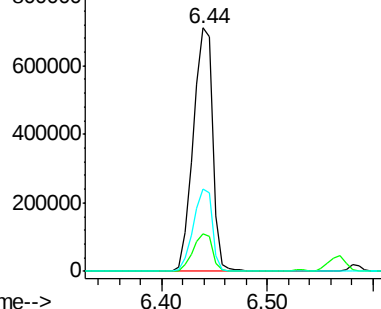
71 34.0 25.4 38.0



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: 39.99 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

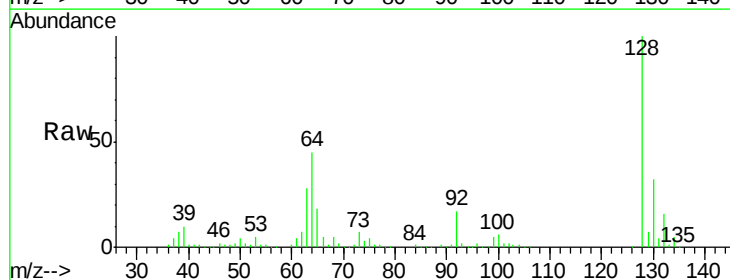
Tgt Ion: 128 Resp: 327479

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

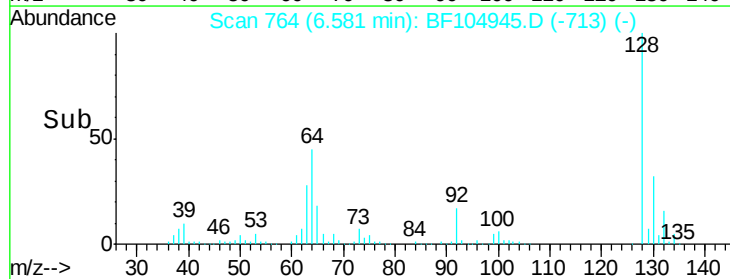
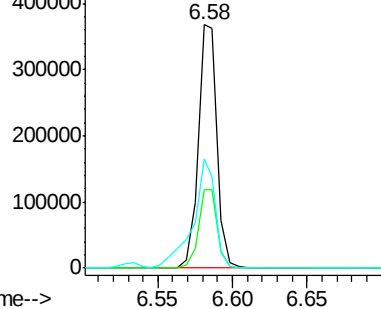
64 44.7 29.4 69.4



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

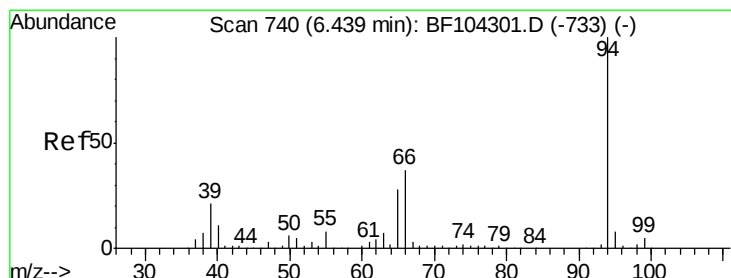
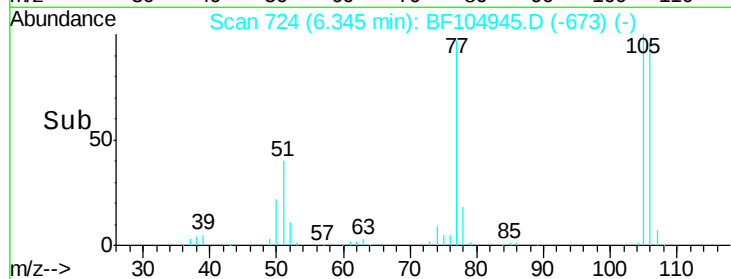
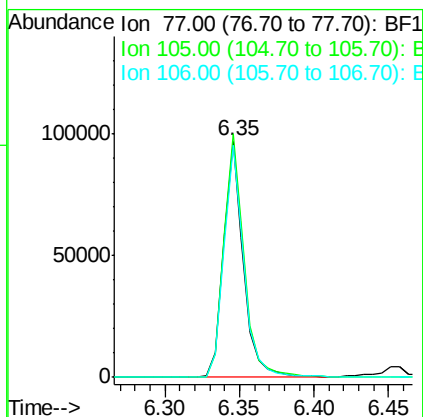
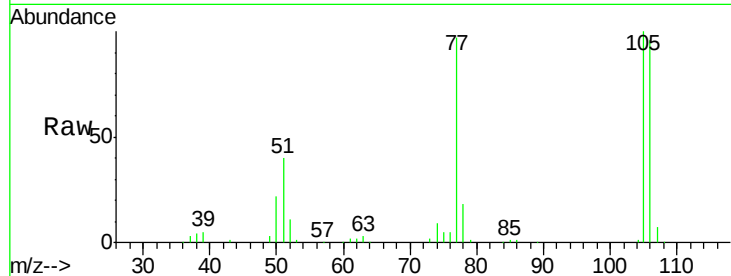




#9
Benzaldehyde
Concen: 15.12 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

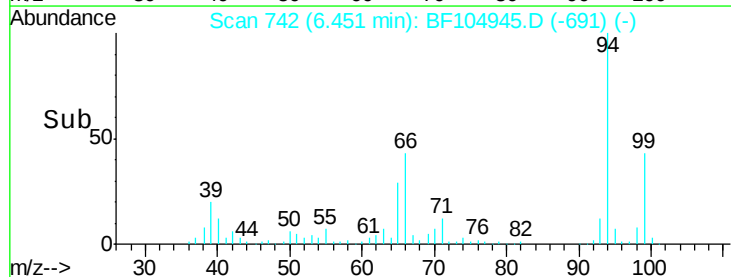
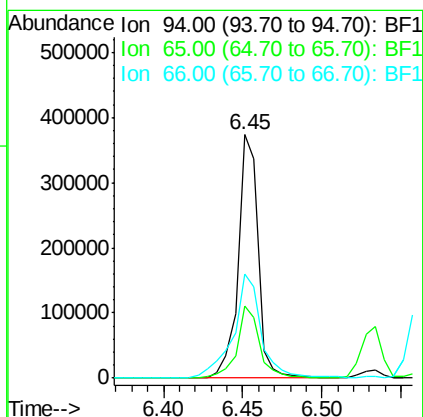
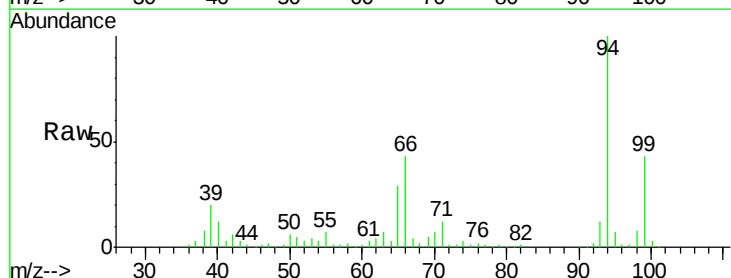
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 91280
Ion Ratio Lower Upper
77 100
105 103.1 81.1 121.1
106 98.6 74.5 114.5



#10
Phenol
Concen: 32.41 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion: 94 Resp: 327834
Ion Ratio Lower Upper
94 100
65 29.4 7.9 47.9
66 42.6 16.2 56.2

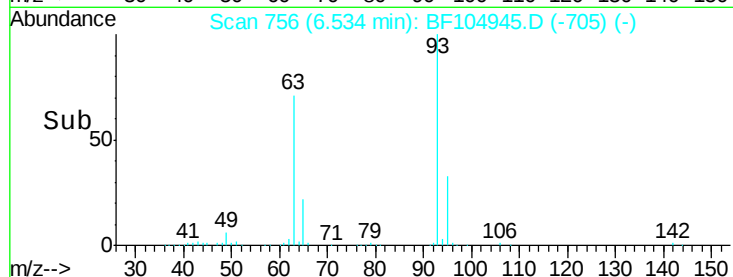
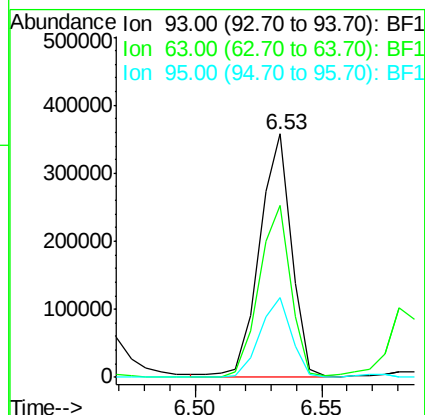
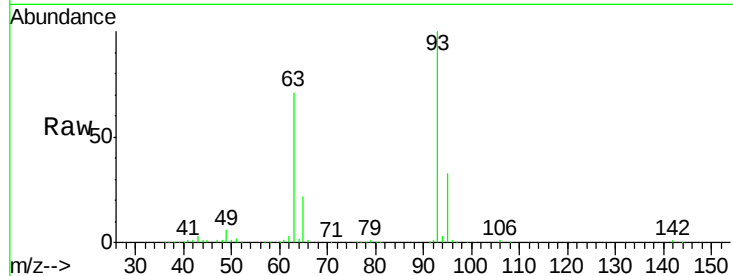




#11
bis(2-Chloroethyl)ether
Concen: 38.72 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

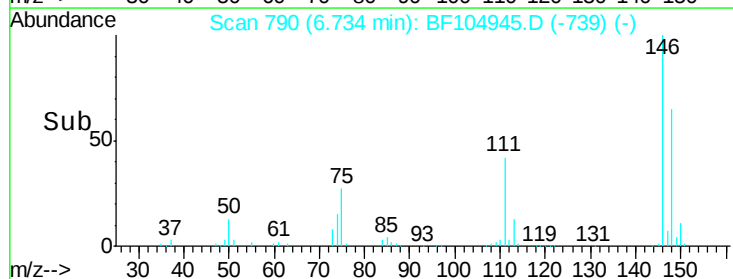
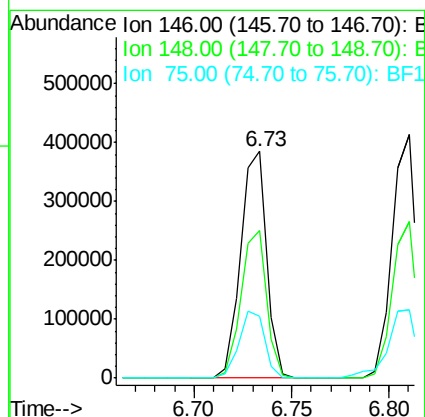
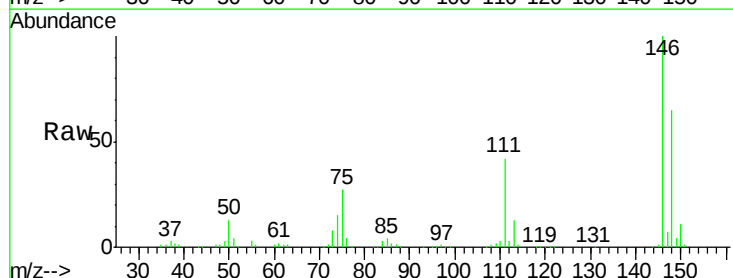
Instrument :
BNA_F
ClientSampleId :

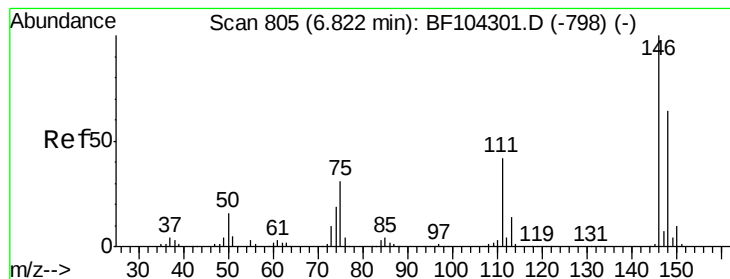
Tot Ion: 93 Resp: 312571
Ion Ratio Lower Upper
93 100
63 70.8 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.30 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion: 146 Resp: 355322
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 27.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.29 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

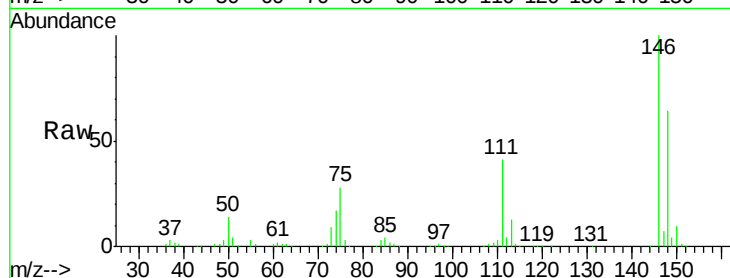
Tot Ion:146 Resp: 363366

Ion Ratio Lower Upper

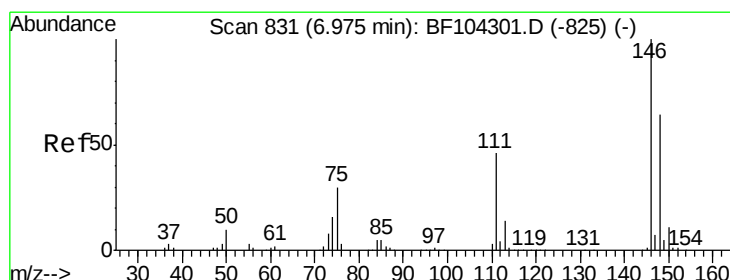
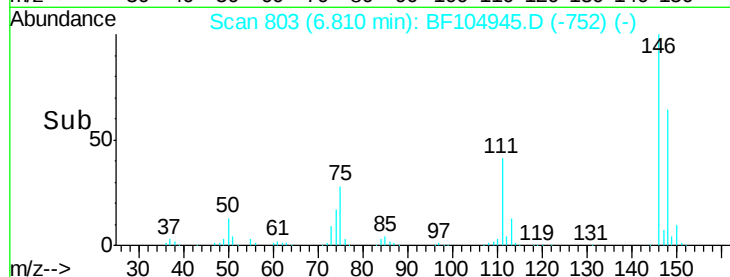
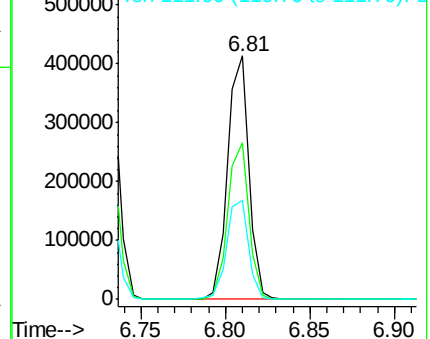
146 100

148 64.4 50.8 76.2

111 40.8 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 38.55 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

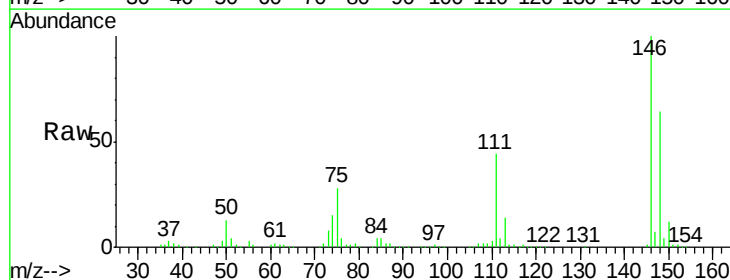
Tgt Ion:146 Resp: 330436

Ion Ratio Lower Upper

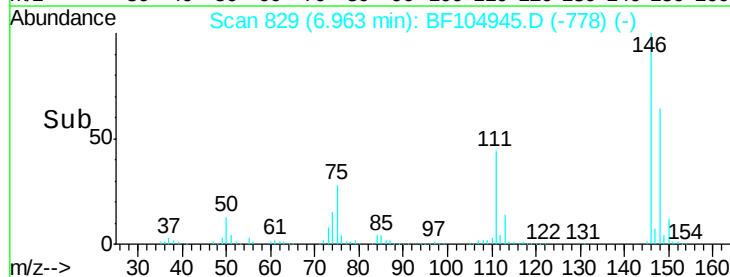
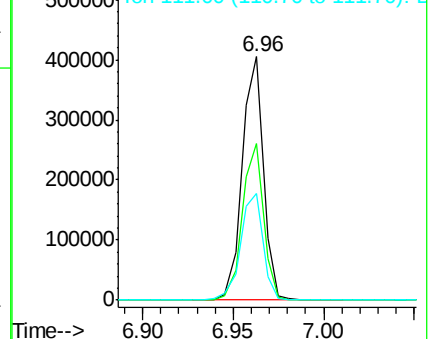
146 100

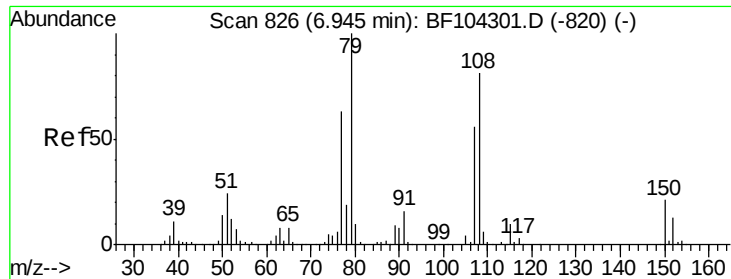
148 64.2 50.6 75.8

111 43.7 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 35.62 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

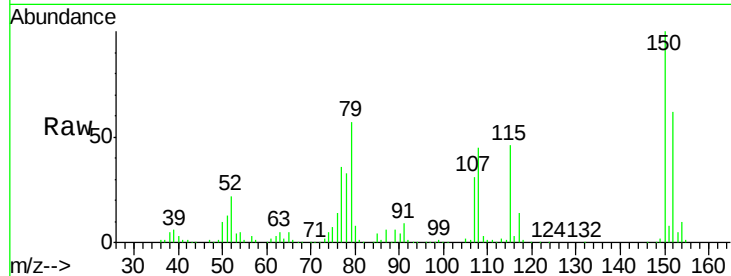
Tot Ion: 79 Resp: 257943

Ion Ratio Lower Upper

79 100

108 77.8 65.1 97.7

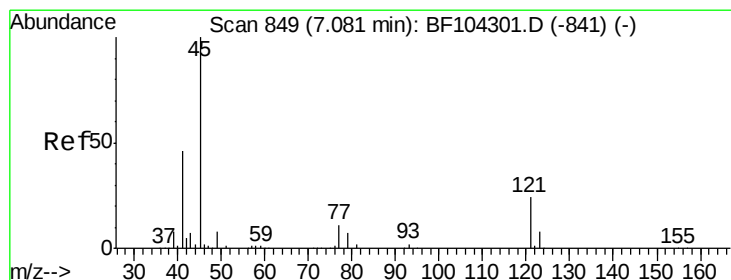
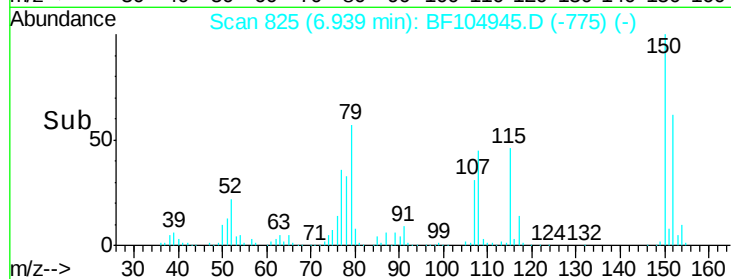
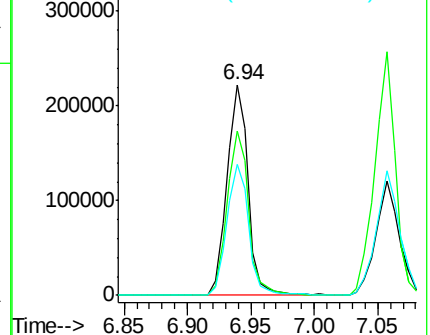
77 62.1 50.6 75.8



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: 32.69 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

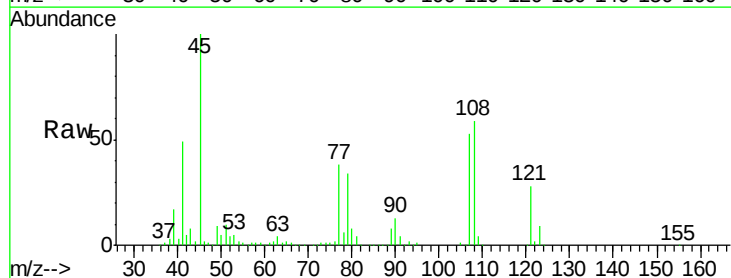
Tgt Ion: 45 Resp: 354380

Ion Ratio Lower Upper

45 100

77 38.1 0.0 32.9#

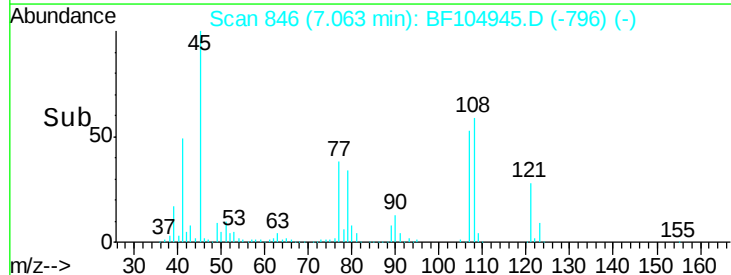
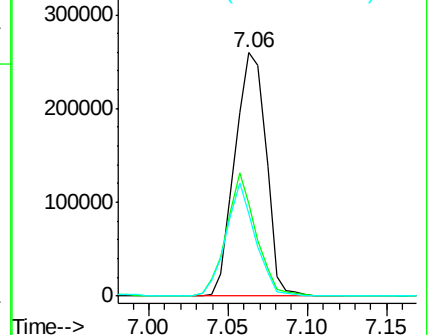
79 33.8 0.0 29.6#

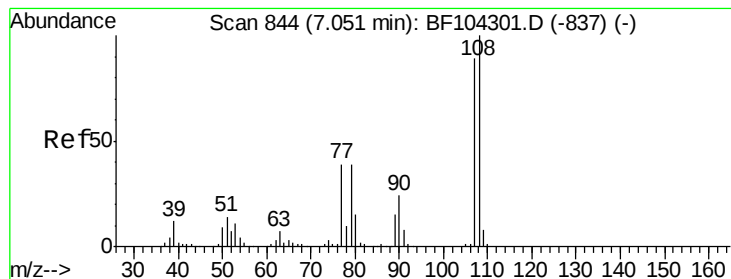


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.89 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF104945.D

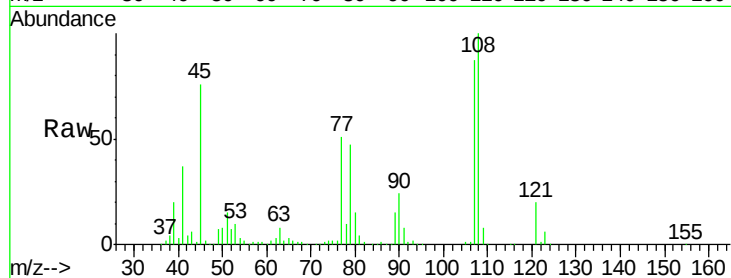
Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	262615
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.7	137.5
77	58.5	33.8	50.8#
79	53.6	33.8	50.8#

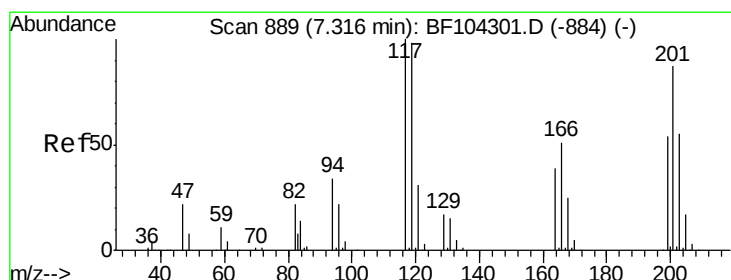
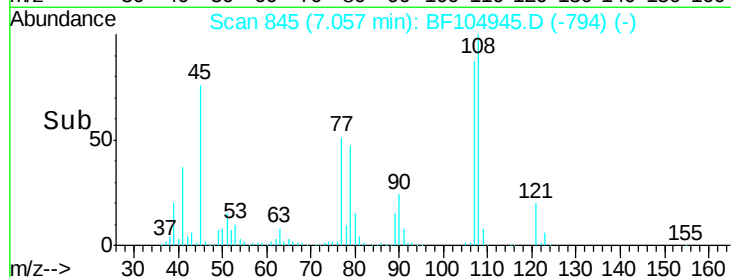
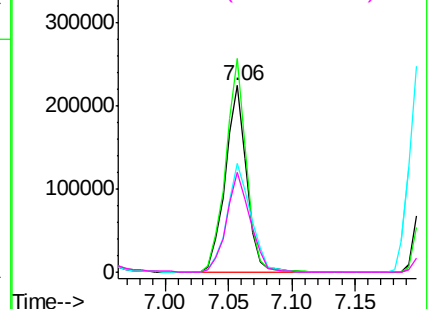


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.00 ng

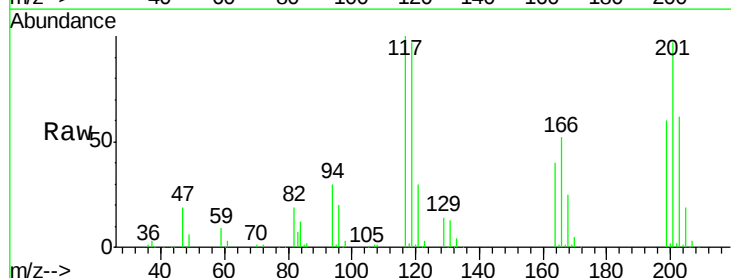
RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

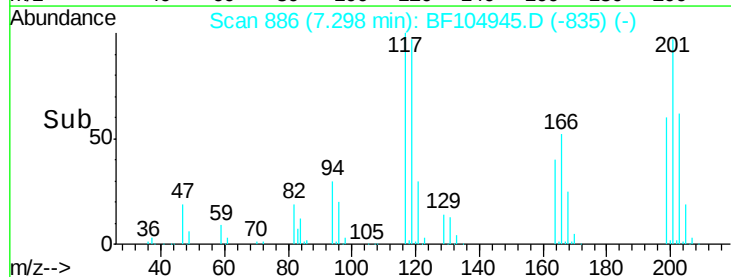
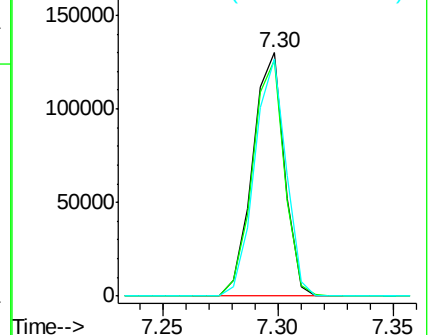
Tgt Ion:	117	Resp:	125321
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	97.2	75.7	113.5

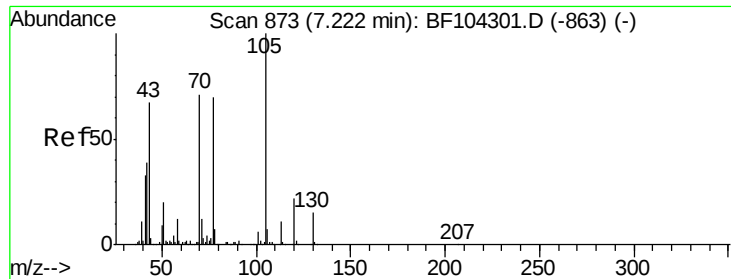


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

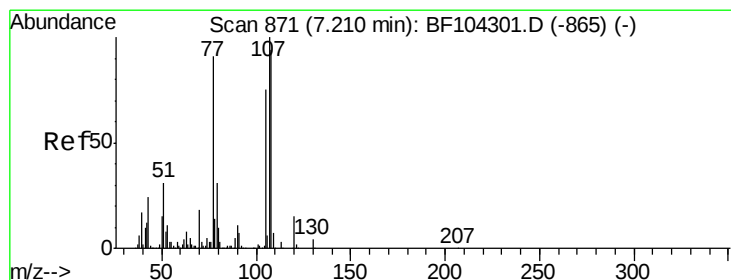
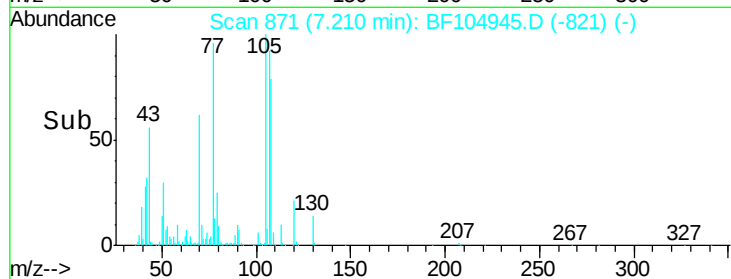
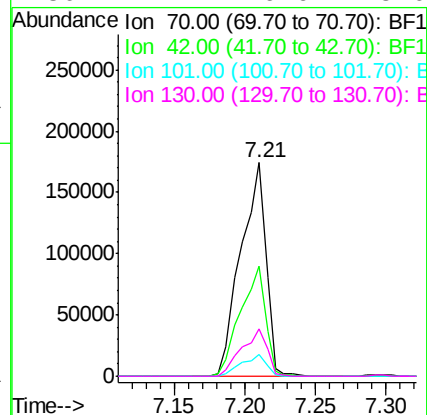
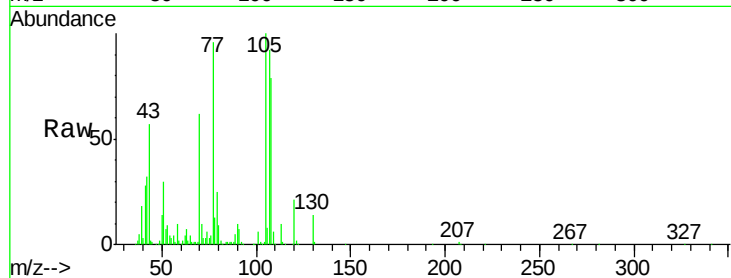




#19
n-Nitroso-di-n-propylamine
Concen: 35.09 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

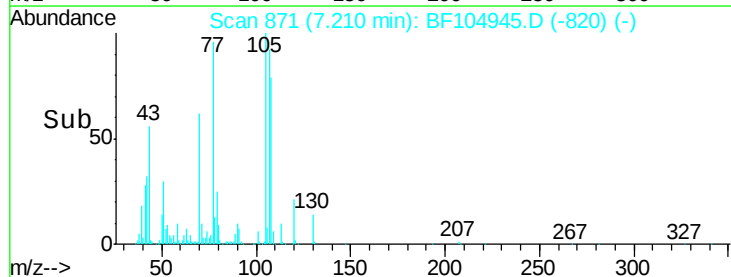
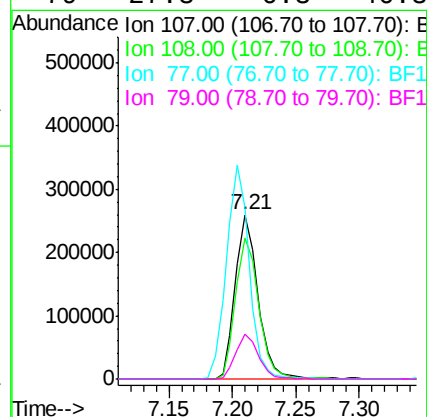
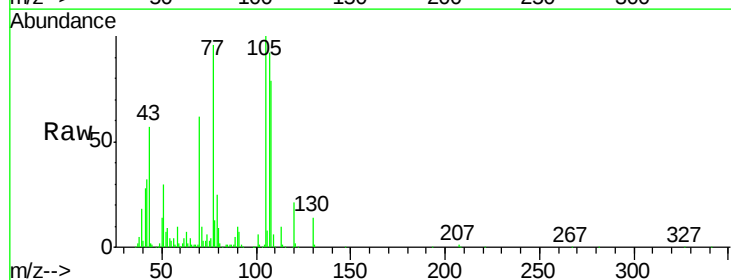
Instrument :
BNA_F
ClientSampleId :

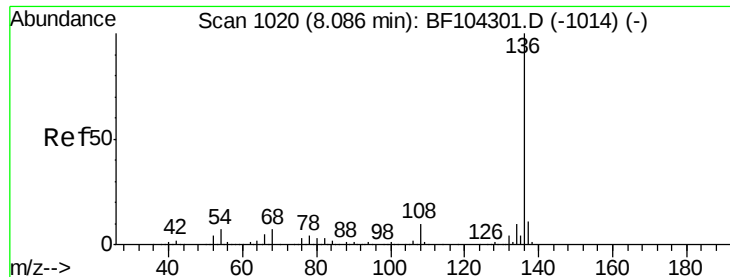
Tot Ion: 70 Resp: 218619
Ion Ratio Lower Upper
70 100
42 51.8 47.5 71.3
101 10.1 7.4 11.2
130 22.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.24 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion:107 Resp: 319954
Ion Ratio Lower Upper
107 100
108 85.8 68.2 108.2
77 104.0 26.7 66.7#
79 27.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 492562

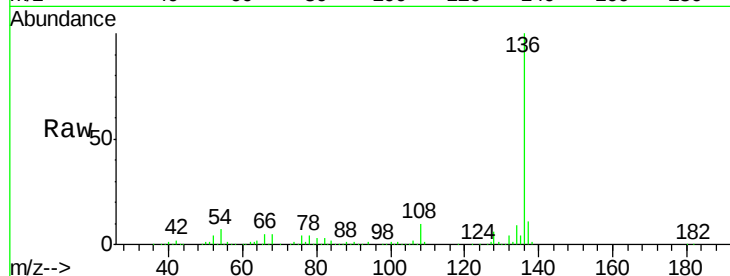
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 6.6 9.8

68 5.5 5.0 7.4

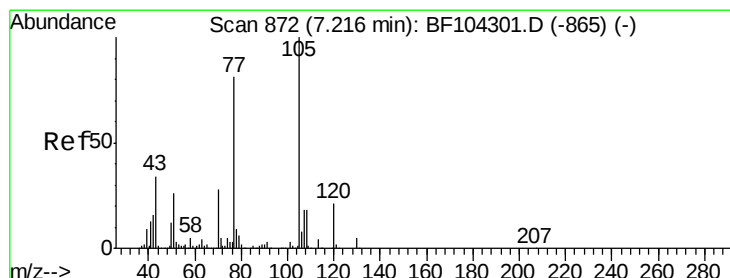
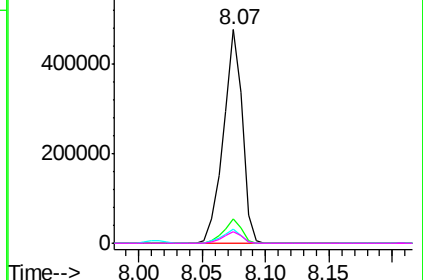
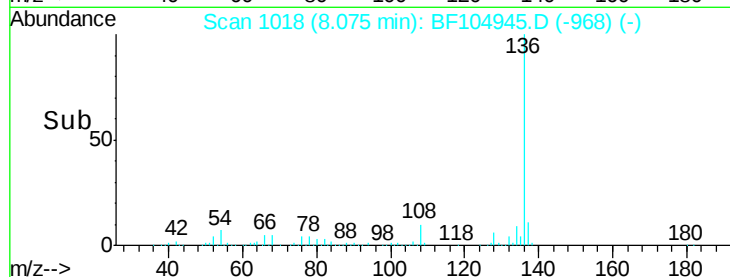


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.35 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Tgt Ion:105 Resp: 452989

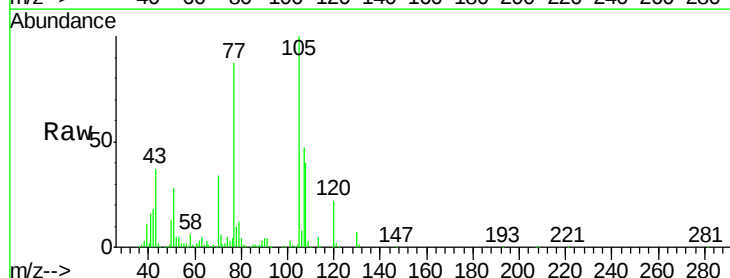
Ion Ratio Lower Upper

105 100

71 5.7 4.4 6.6

51 27.9 22.3 33.5

120 21.7 16.9 25.3

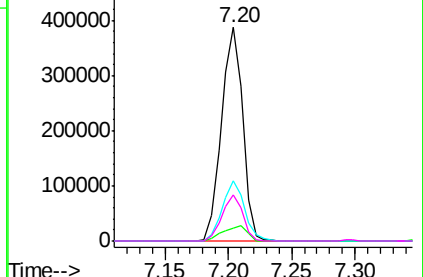
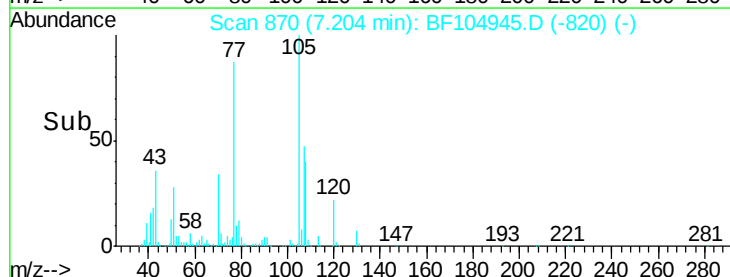


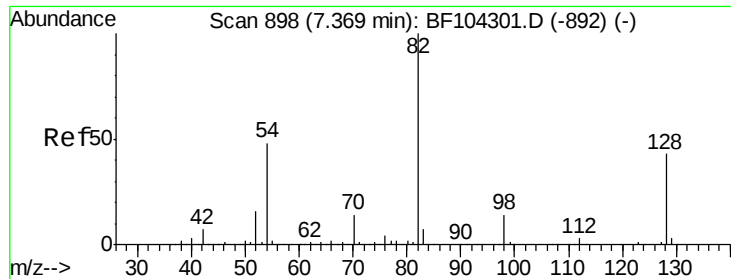
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

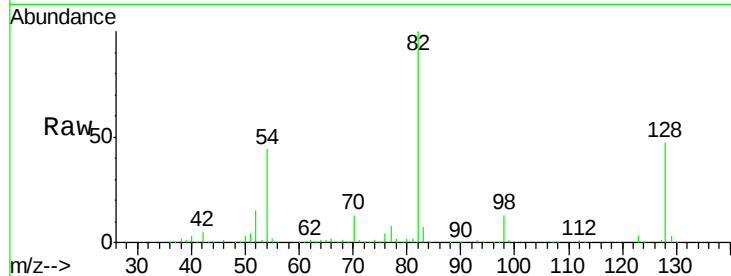




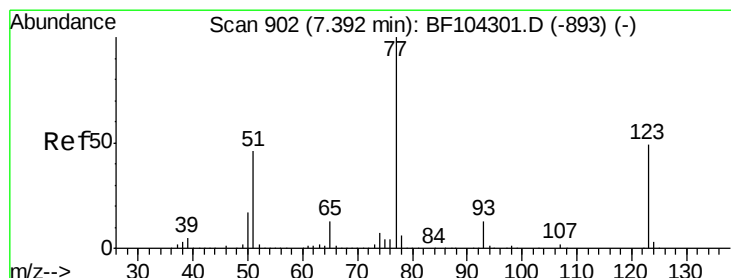
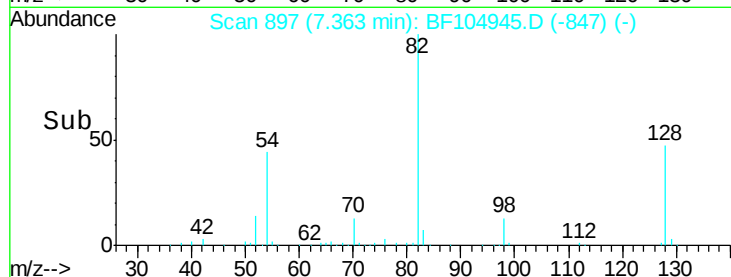
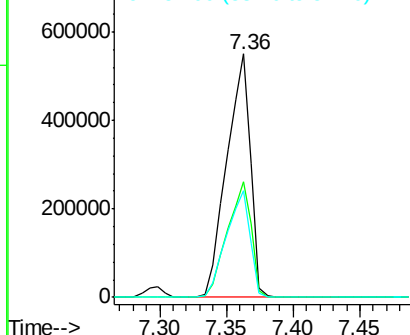
#23
 Nitrobenzene-d5
 Concen: 91.53 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	690456
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.1	54.1
54	43.9	41.4	62.2

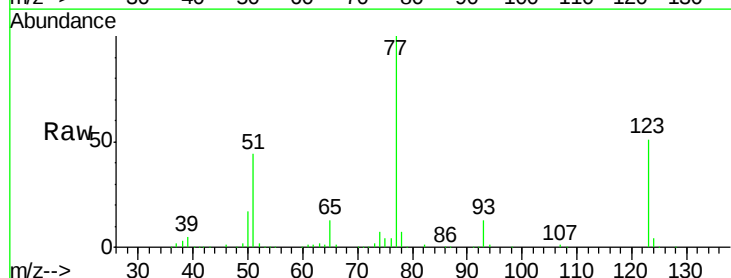


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

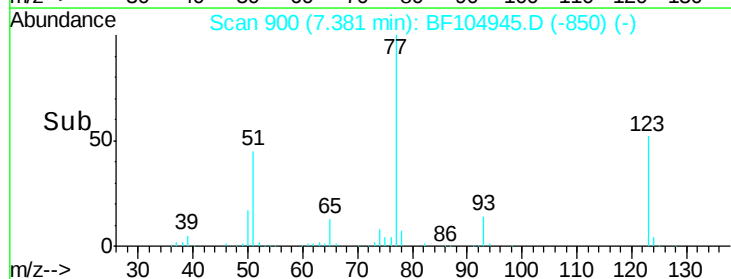
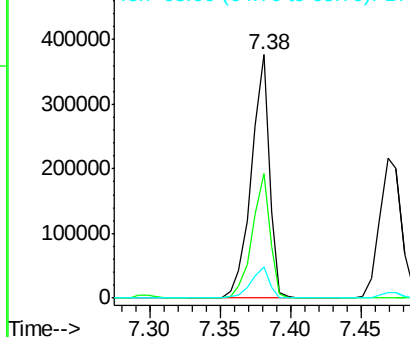


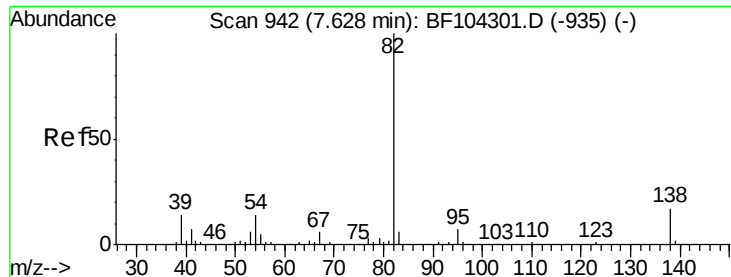
#24
 Nitrobenzene
 Concen: 40.59 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion	77	Resp	338011
Ion Ratio	Lower	Upper	
77	100		
123	51.3	37.9	56.9
65	12.8	11.0	16.4



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





#25

Isophorone

Concen: 38.92 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

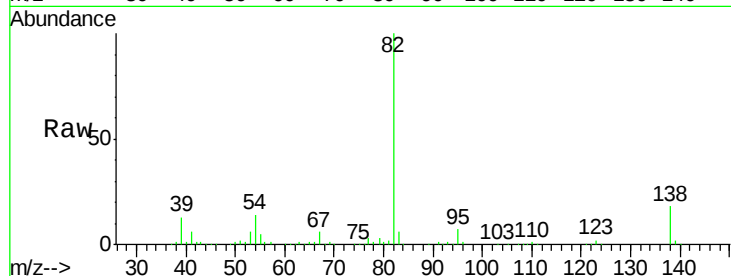
Tot Ion: 82 Resp: 620780

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

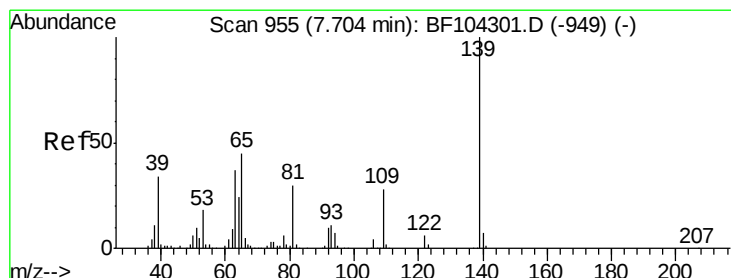
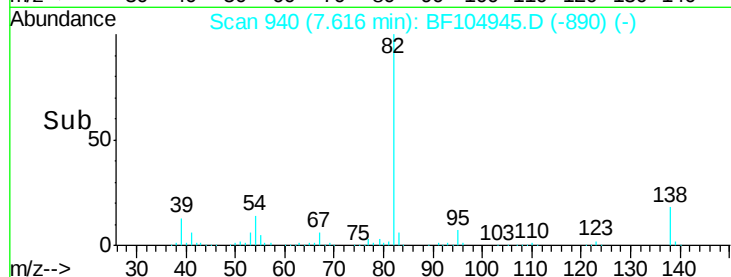
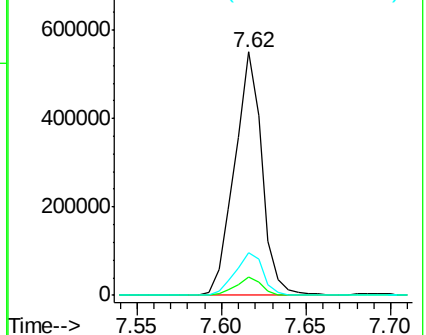
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.06 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

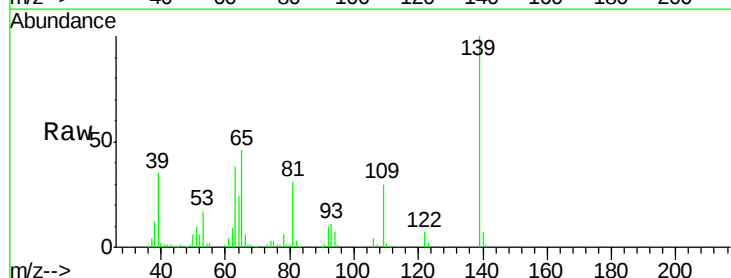
Tgt Ion: 139 Resp: 176523

Ion Ratio Lower Upper

139 100

109 29.5 22.7 34.1

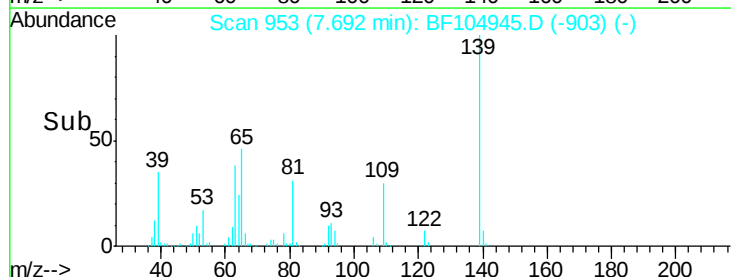
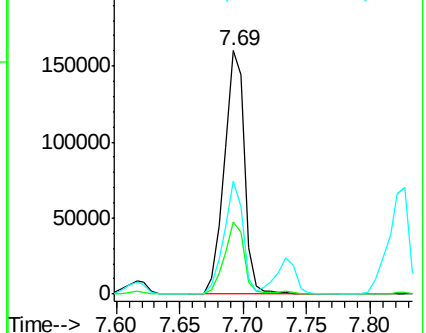
65 46.5 40.5 60.7

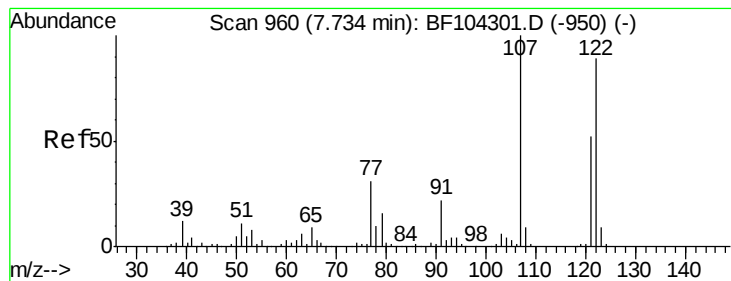


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

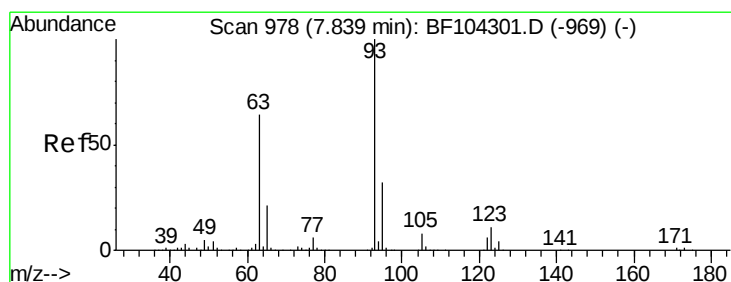
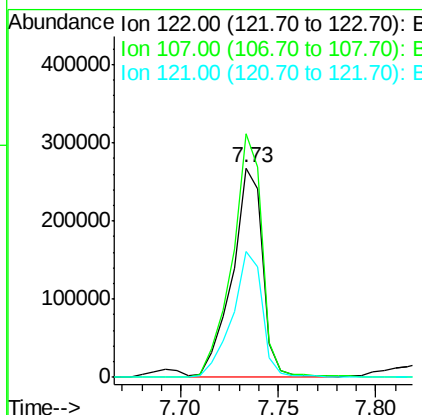
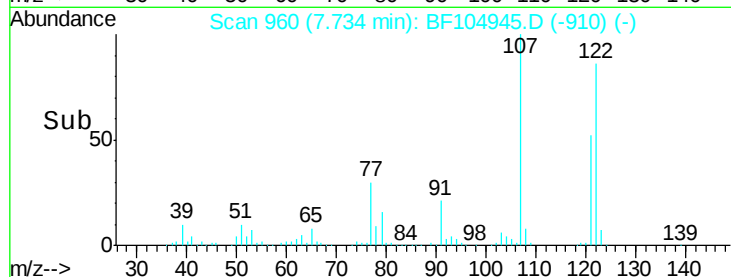
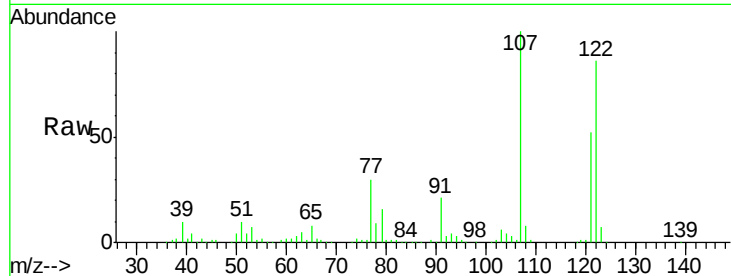




#27
 2,4-Dimethylphenol
 Concen: 41.29 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

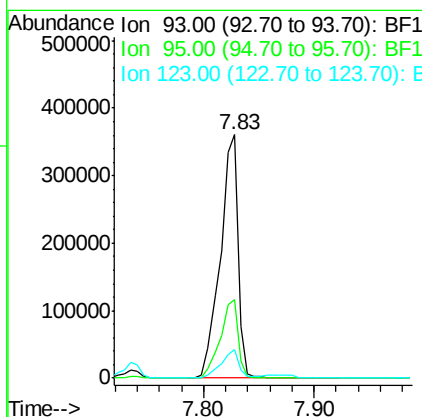
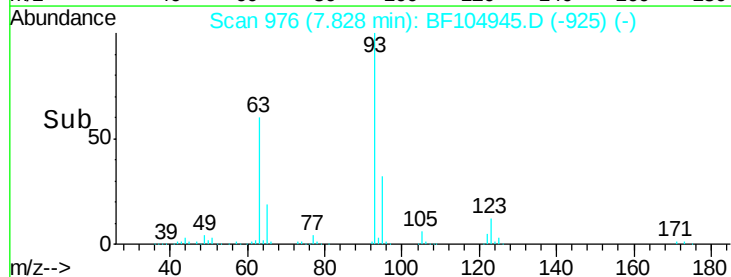
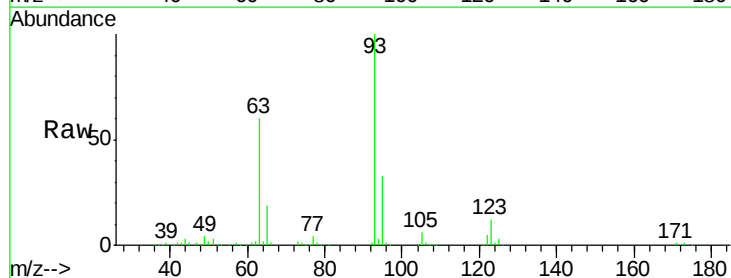
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 290700
 Ion Ratio Lower Upper
 122 100
 107 116.2 91.2 136.8
 121 60.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.61 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion: 93 Resp: 405768
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.8 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 41.57 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

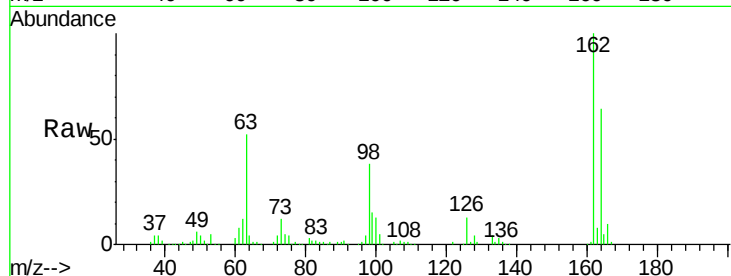
Tot Ion:162 Resp: 279243

Ion Ratio Lower Upper

162 100

164 63.5 42.7 82.7

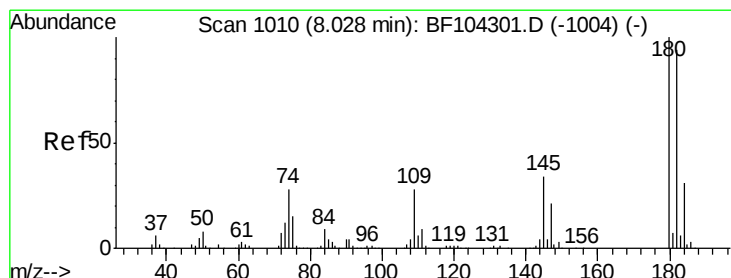
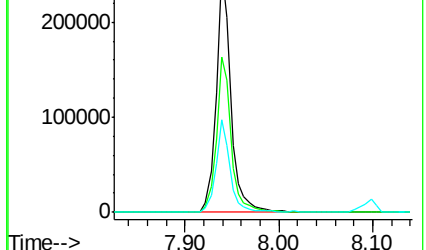
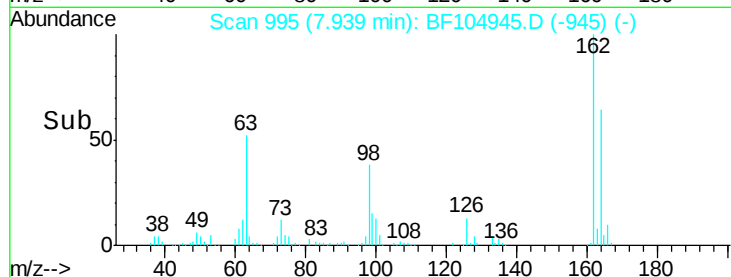
98 38.1 18.1 58.1



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: 39.67 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

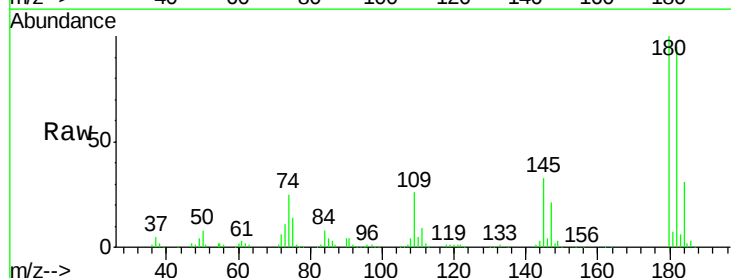
Tgt Ion:180 Resp: 292462

Ion Ratio Lower Upper

180 100

182 95.1 76.8 115.2

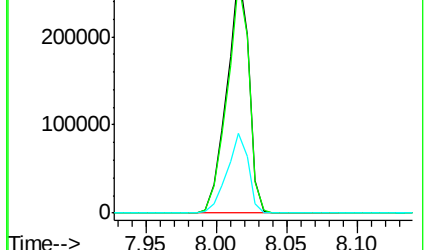
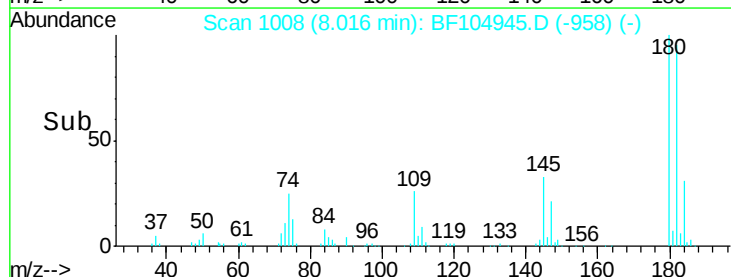
145 32.7 26.5 39.7

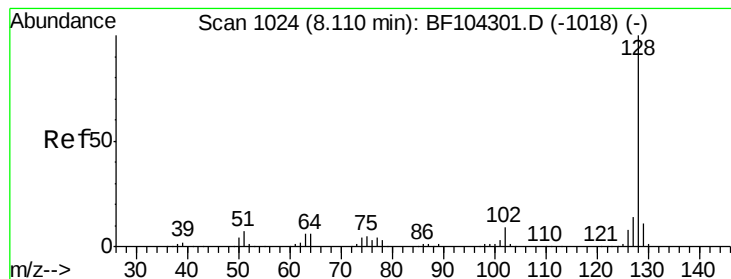


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.91 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

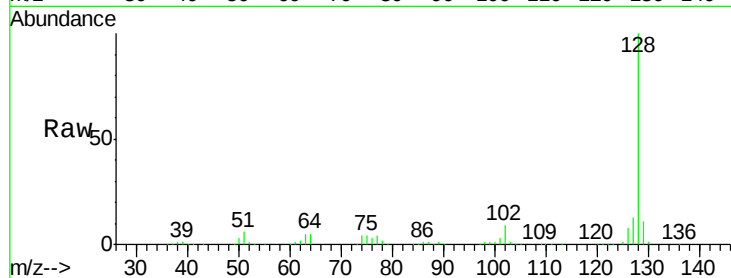
Tot Ion:128 Resp: 1003349

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

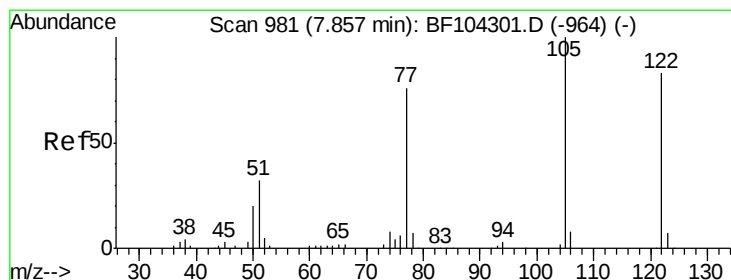
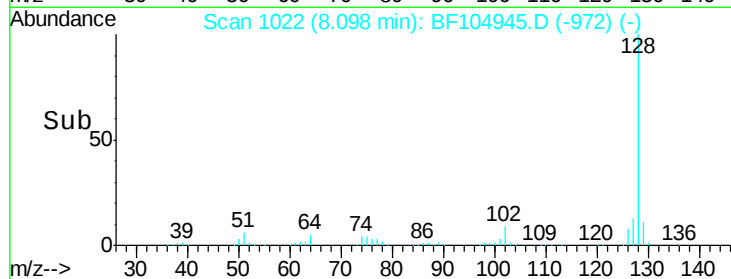
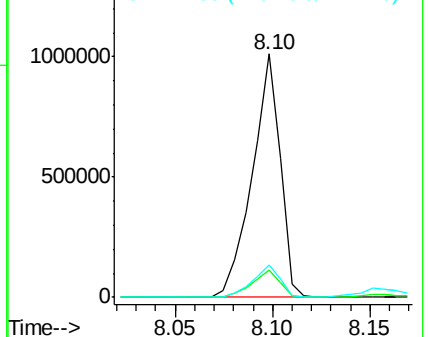
127 13.4 10.9 16.3



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: 29.51 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

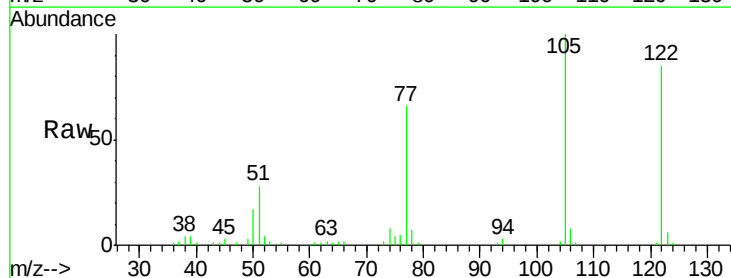
Tgt Ion:122 Resp: 165766

Ion Ratio Lower Upper

122 100

105 117.7 101.1 141.1

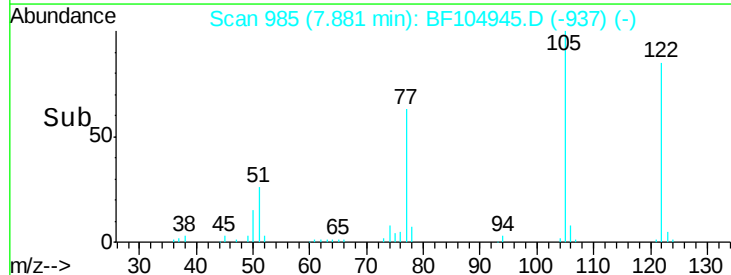
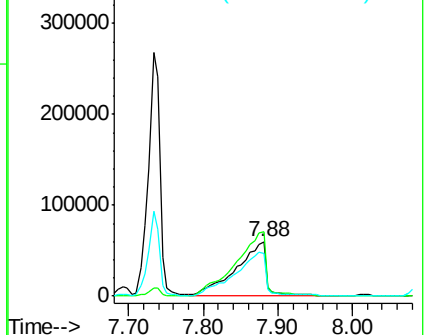
77 78.1 70.7 110.7

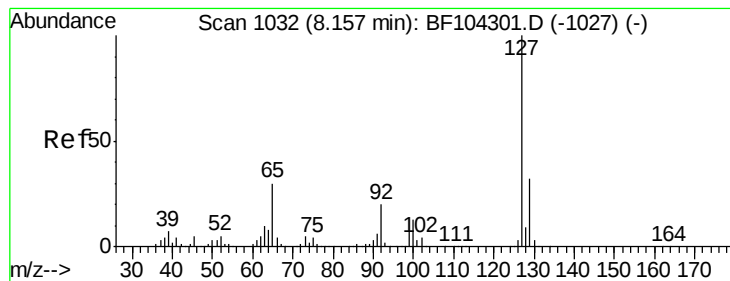


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 6.29 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 66053

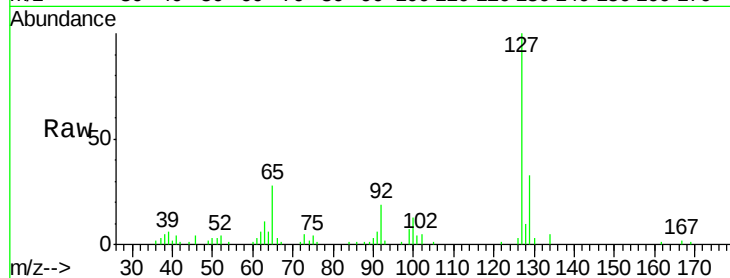
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 28.1 25.0 37.4

92 19.0 15.2 22.8

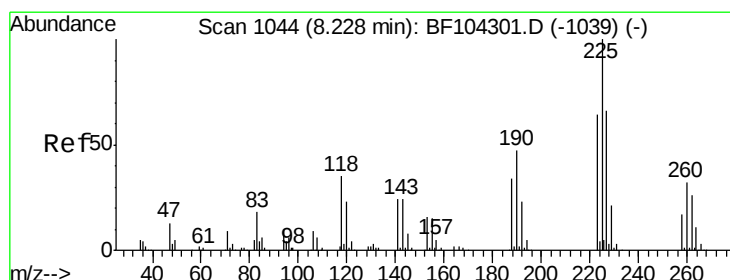
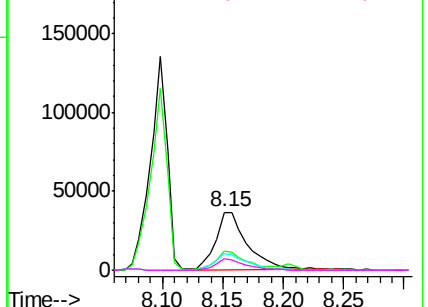
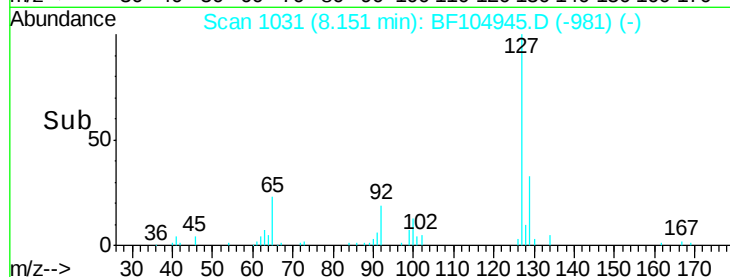


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.57 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

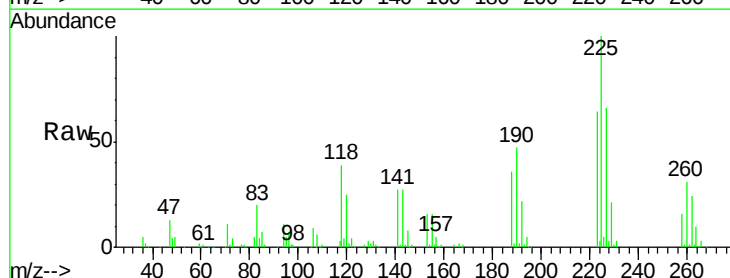
Tgt Ion:225 Resp: 159768

Ion Ratio Lower Upper

225 100

223 64.2 50.6 76.0

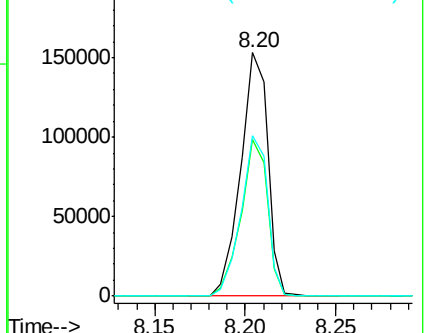
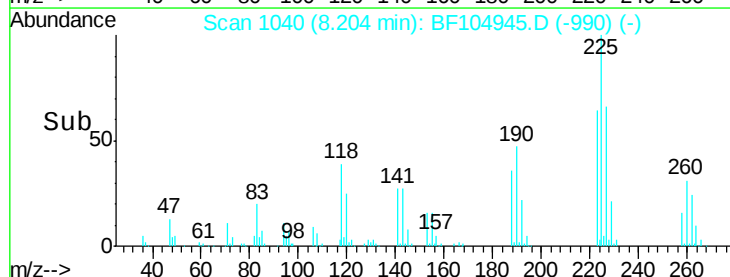
227 66.0 51.9 77.9

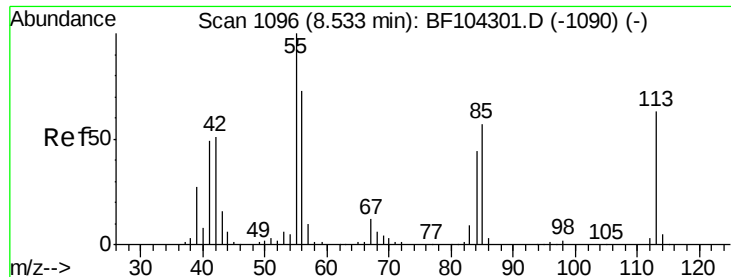


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.64 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :
BNA_F
ClientSampleId :

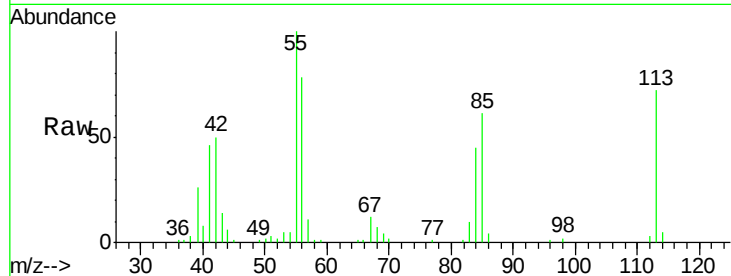
Tot Ion:113 Resp: 36653

Ion Ratio Lower Upper

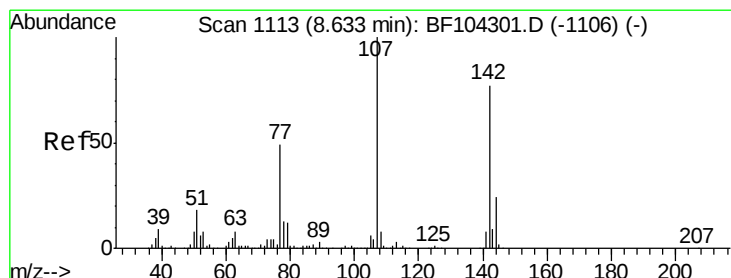
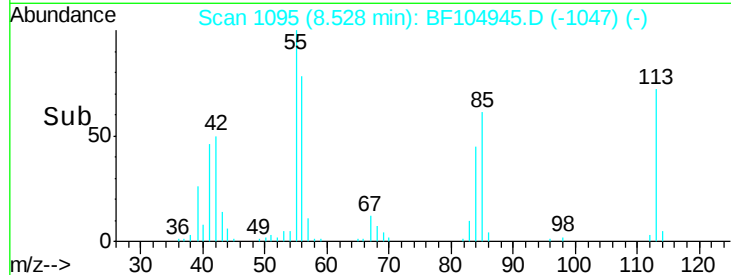
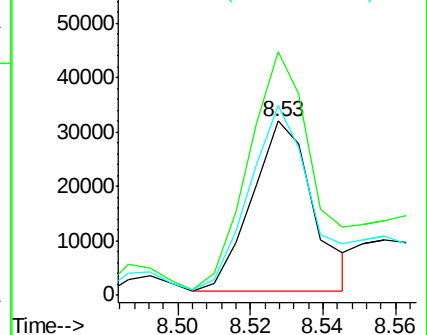
113 100

55 139.8 163.3 203.3#

56 108.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.18 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

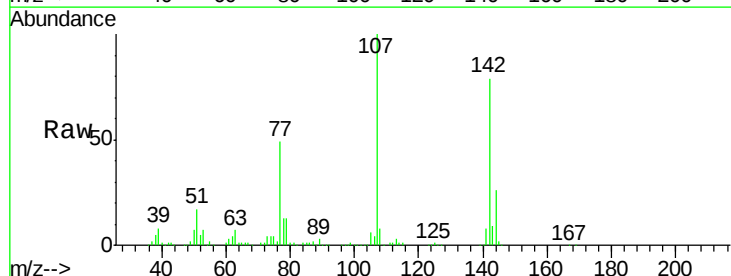
Tgt Ion:107 Resp: 289367

Ion Ratio Lower Upper

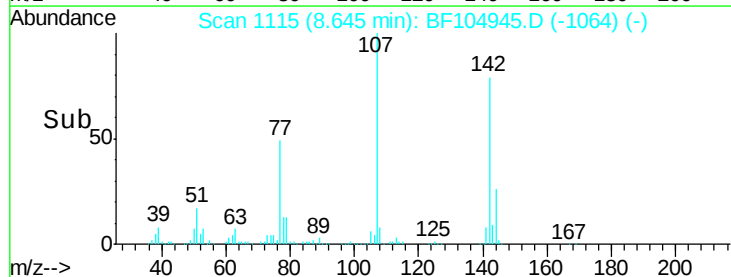
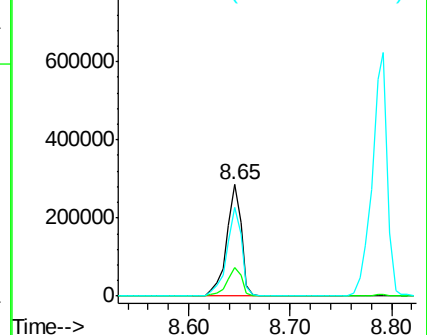
107 100

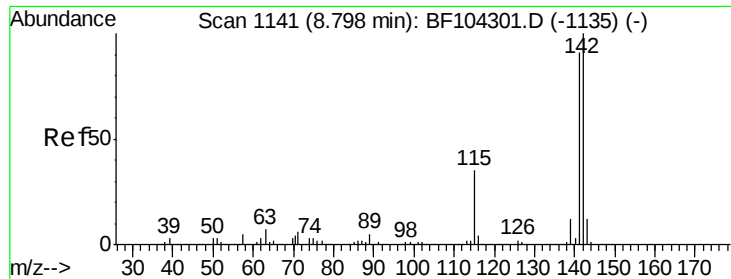
144 25.8 20.5 30.7

142 79.0 62.0 93.0



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

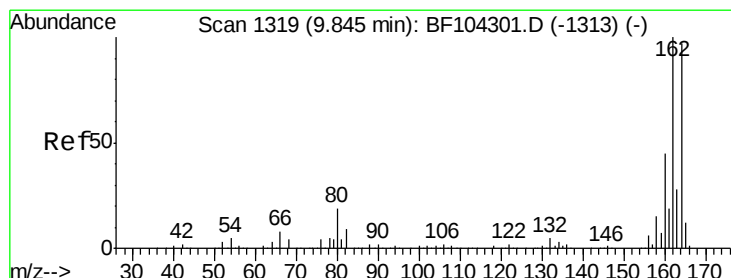
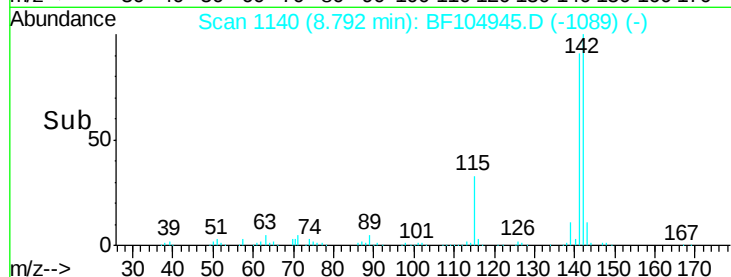
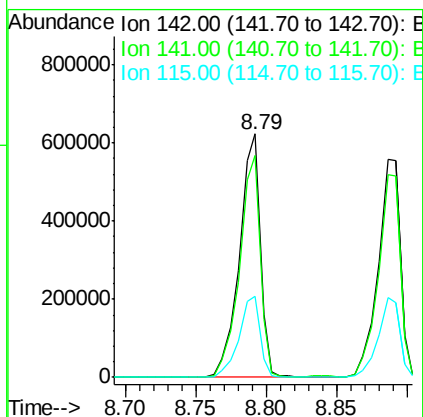
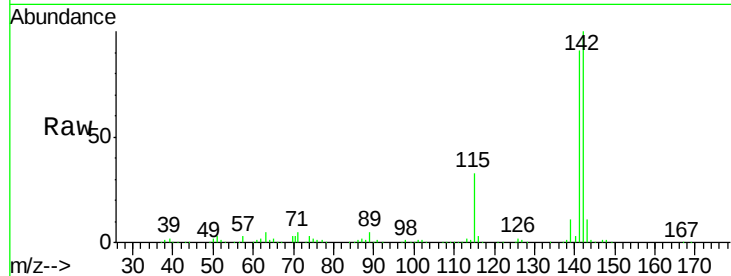




#37
2-Methylnaphthalene
Concen: 40.57 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

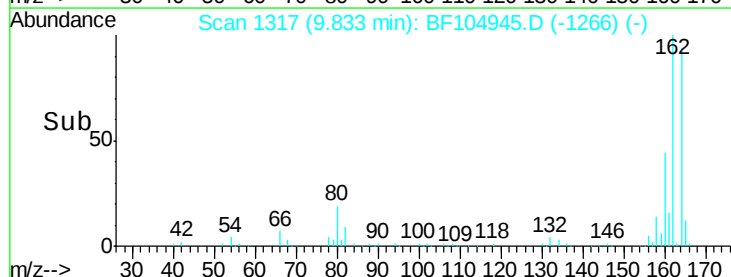
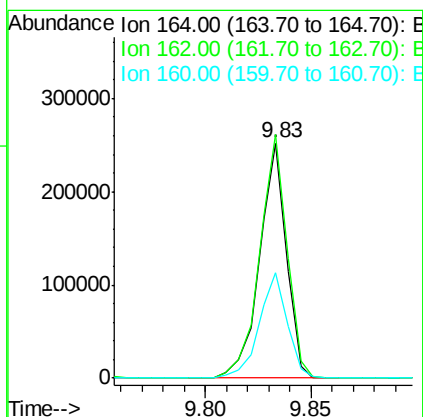
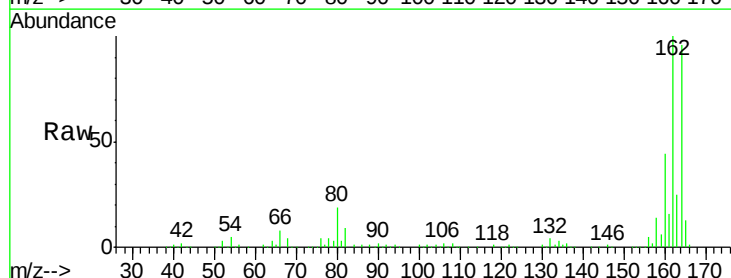
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.8	106.2
115	33.3	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.1	38.3	57.5

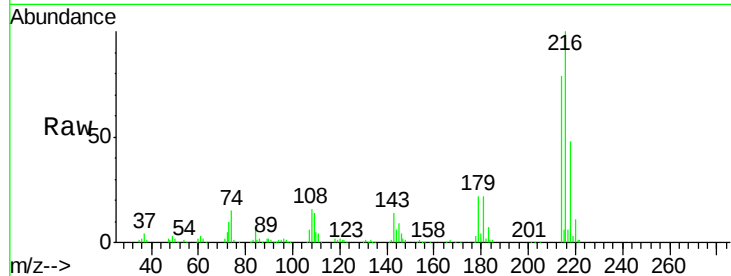




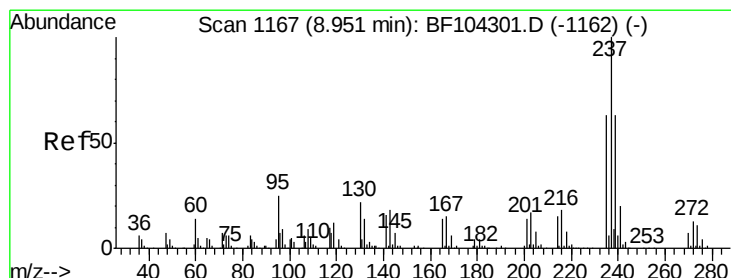
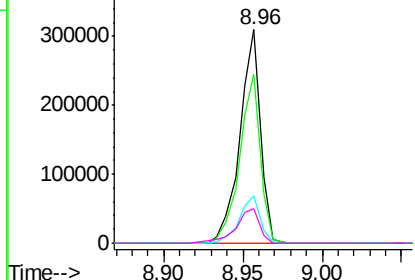
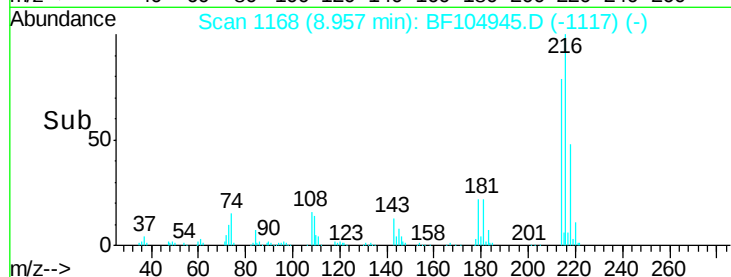
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.46 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	277528
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.0 94.4
179	22.5	18.1 27.1
108	18.7	17.2 25.8

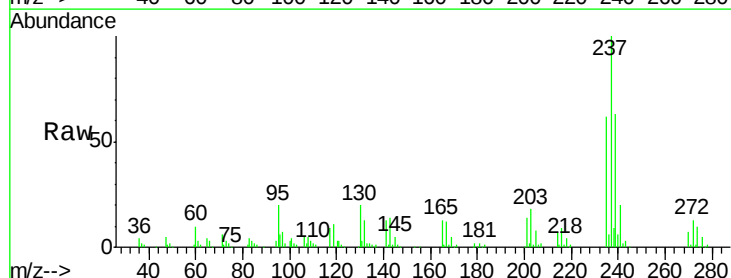


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

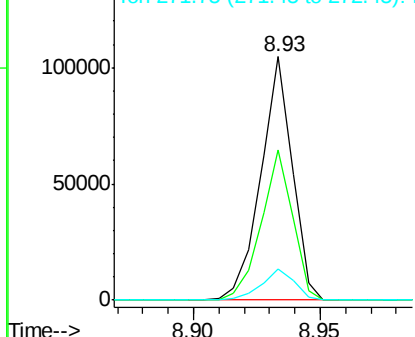
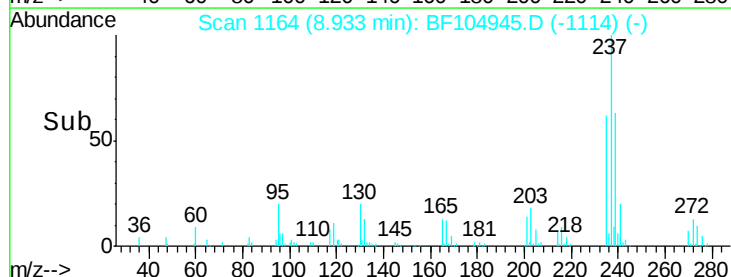


#40
 Hexachlorocyclopentadiene
 Concen: 25.28 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion:237	Resp:	90367
Ion Ratio	Lower	Upper
237	100	
235	61.8	44.8 84.8
272	12.7	0.0 33.3



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

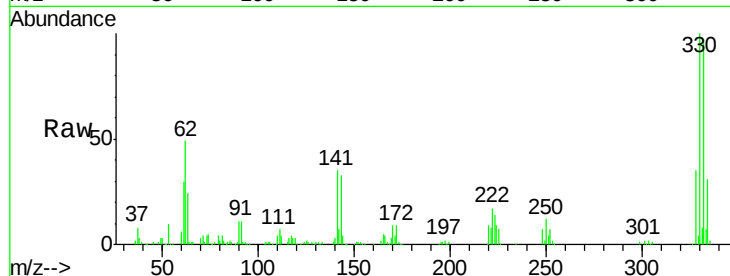




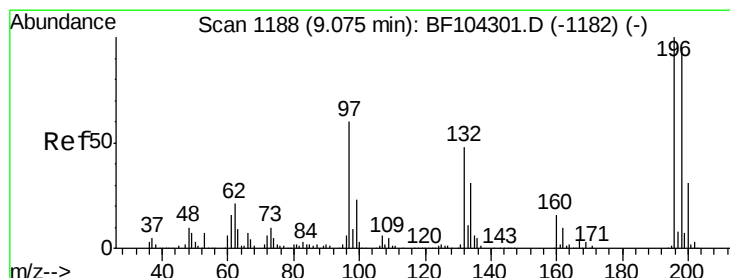
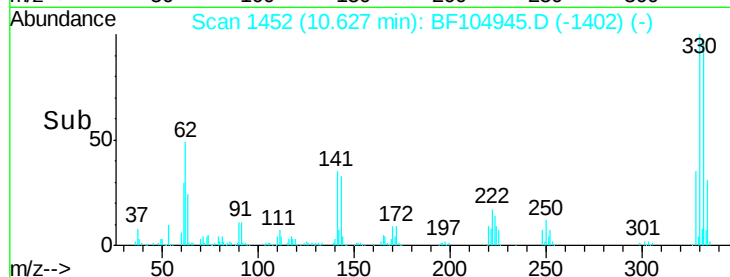
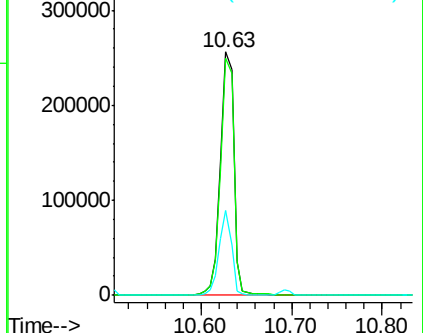
#41
 2,4,6-Tribromophenol
 Concen: 113.71 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.4	29.9	44.9

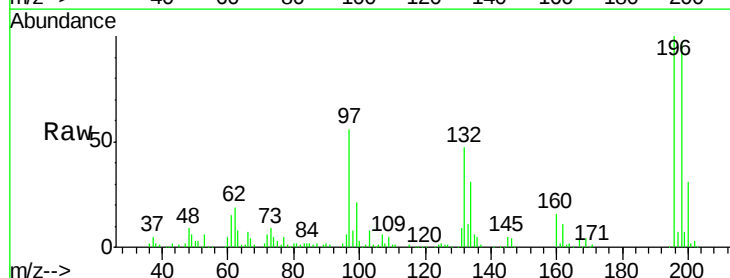


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

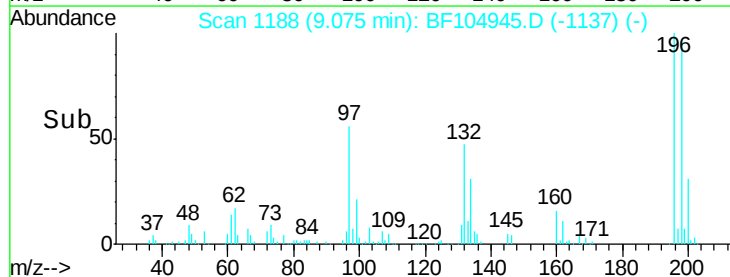
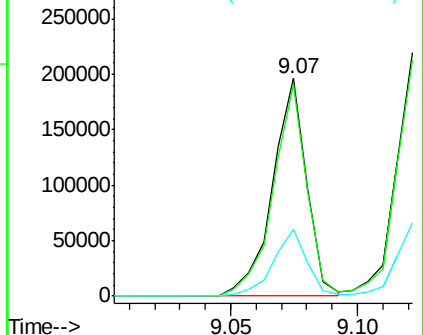


#42
 2,4,6-Trichlorophenol
 Concen: 41.69 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.7	113.5
200	30.5	24.5	36.7



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

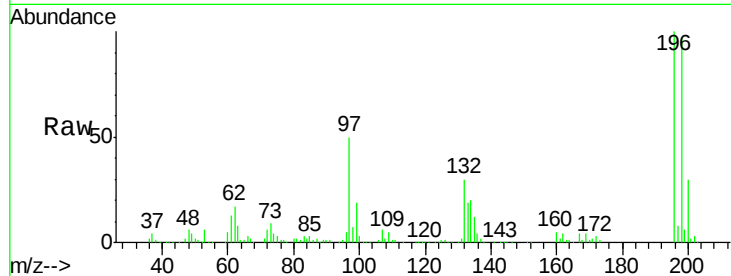




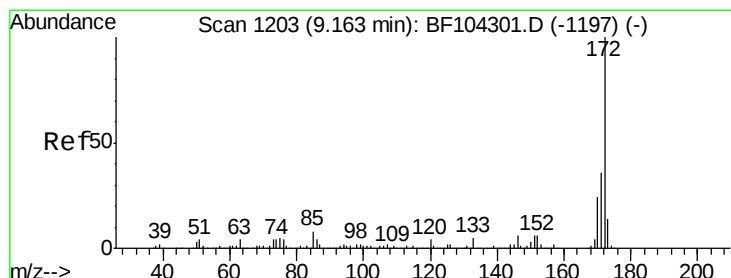
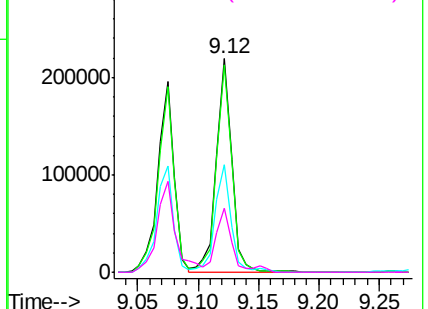
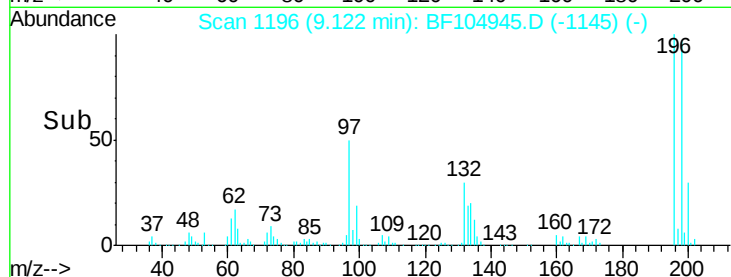
#43
 2,4,5-Trichlorophenol
 Concen: 38.73 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	192120
Ion Ratio	Lower	Upper
196	100	
198	96.8	74.6 112.0
97	50.1	42.9 64.3
132	30.2	26.3 39.5

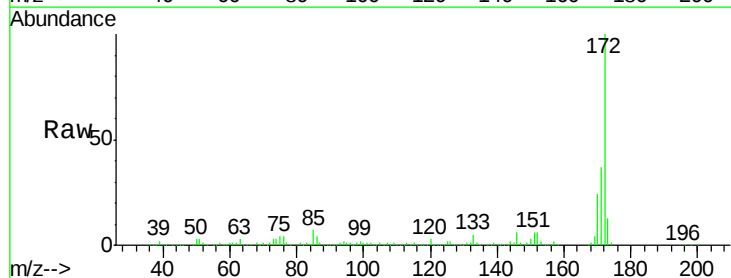


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

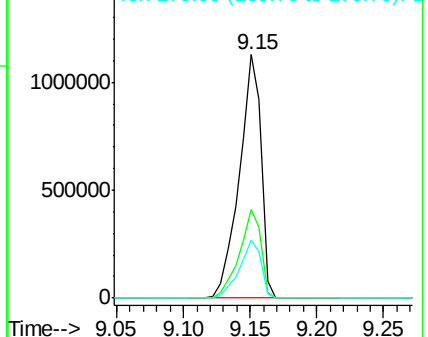
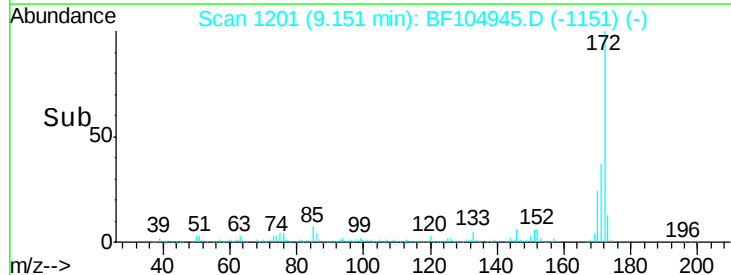


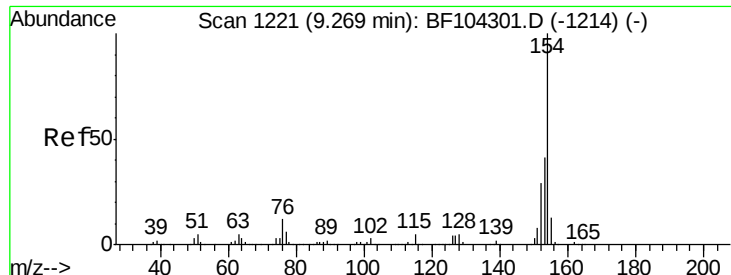
#44
 2-Fluorobiphenyl
 Concen: 90.07 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion:172	Resp:	1271838
Ion Ratio	Lower	Upper
172	100	
171	36.5	29.7 44.5
170	23.9	19.6 29.4



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

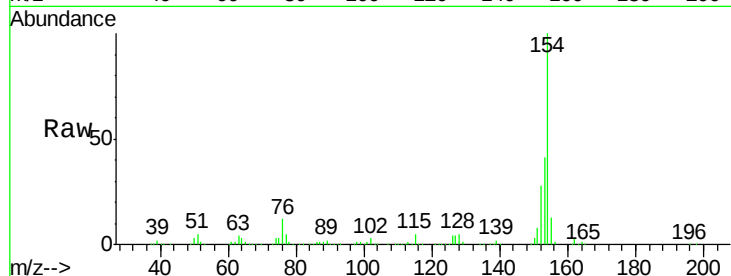




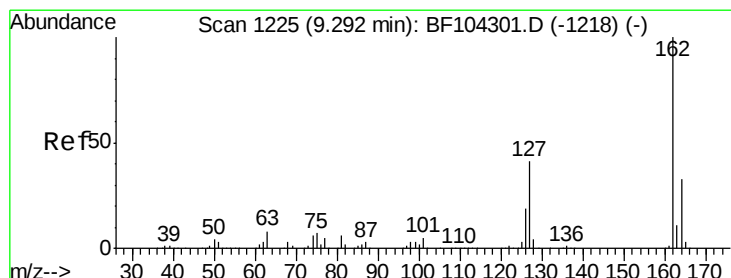
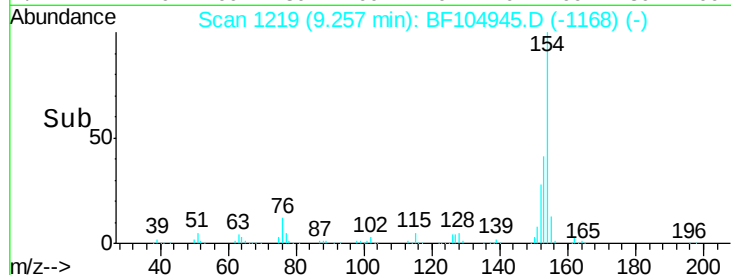
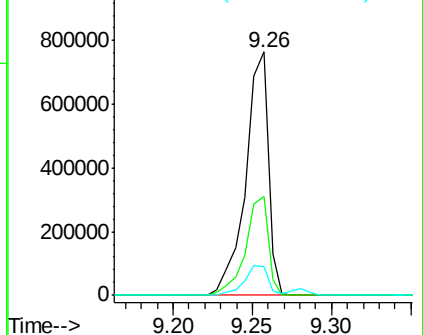
#45
 1,1'-Biphenyl
 Concen: 40.43 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 757595
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 11.6 0.0 34.0

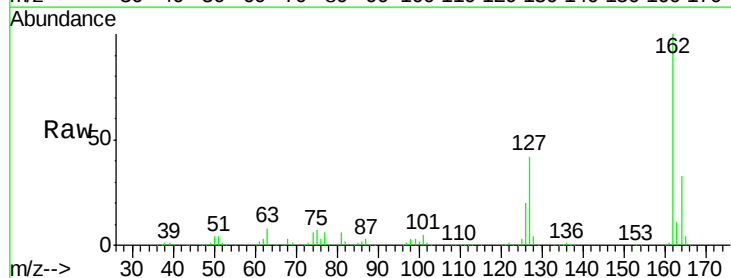


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

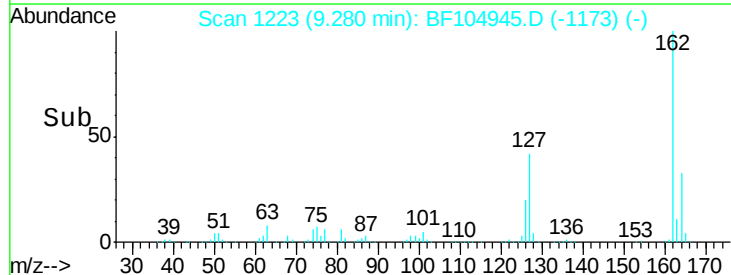
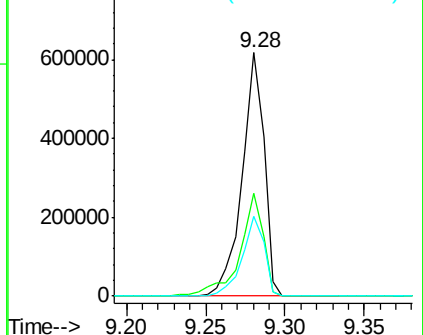


#46
 2-Chloronaphthalene
 Concen: 40.02 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion:162 Resp: 592326
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.9 50.9
 164 32.6 26.5 39.7



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

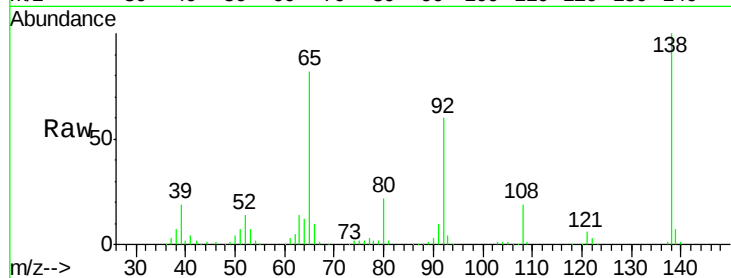




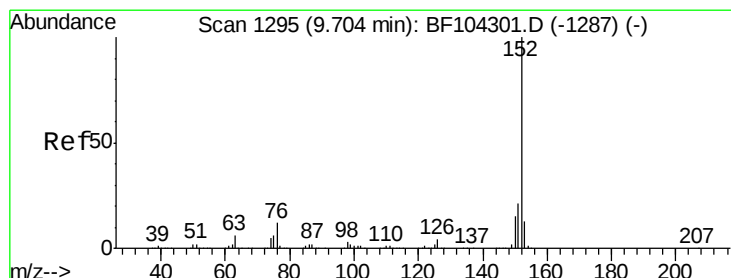
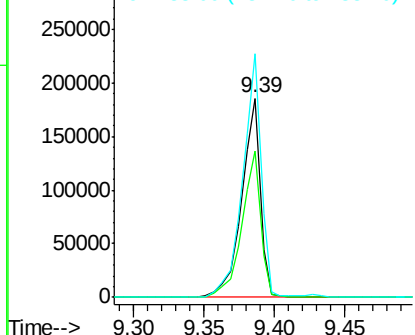
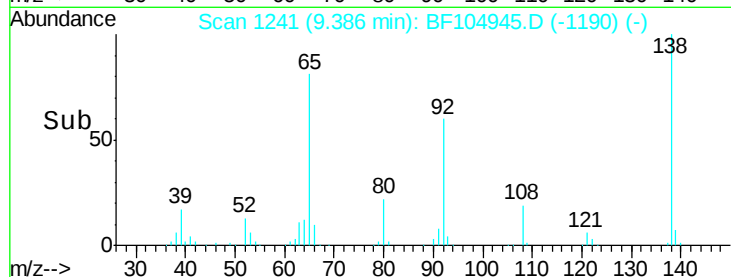
#47
2-Nitroaniline
Concen: 46.75 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 171147
Ion Ratio Lower Upper
65 100
92 73.4 55.8 83.6
138 122.4 91.2 136.8

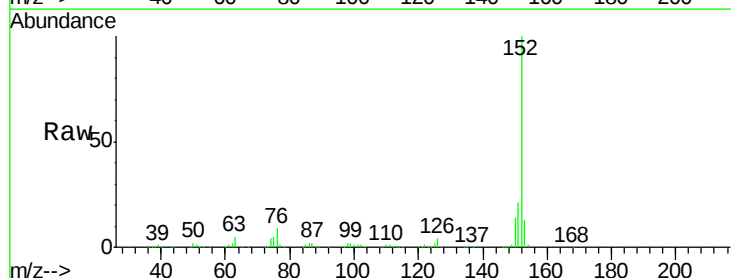


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

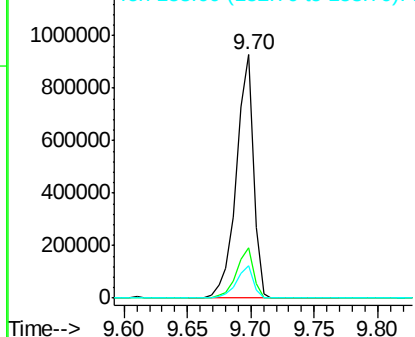
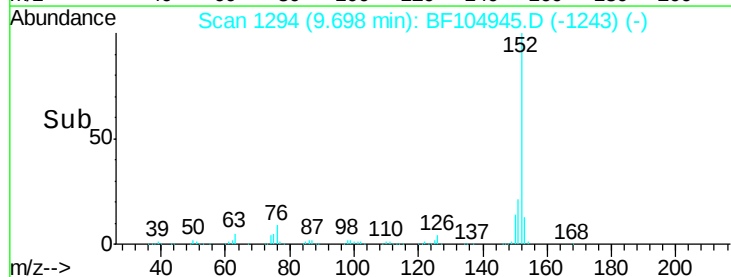


#48
Acenaphthylene
Concen: 37.00 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion: 152 Resp: 859269
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

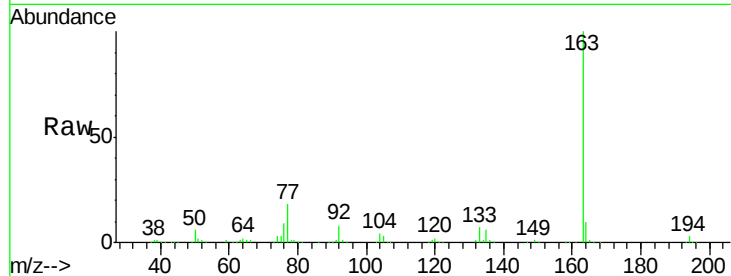




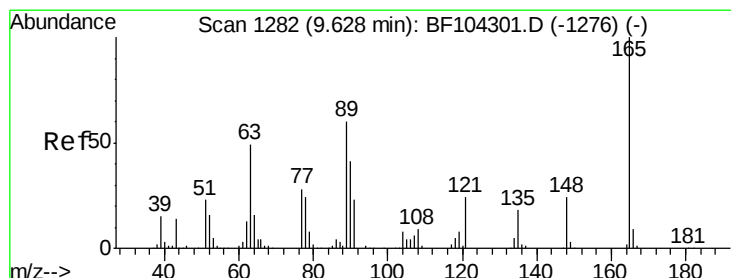
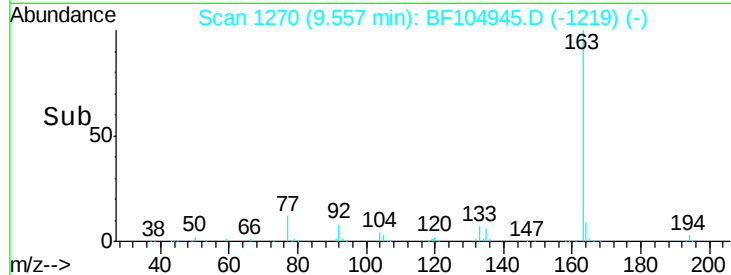
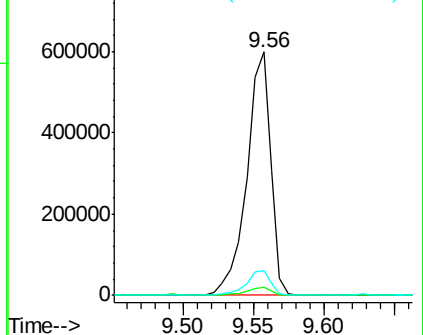
#49
Dimethylphthalate
Concen: 40.44 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 711304
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

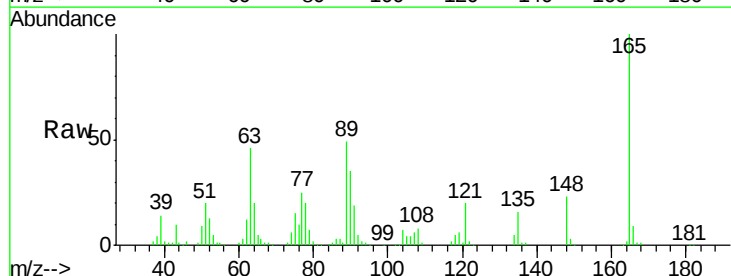


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

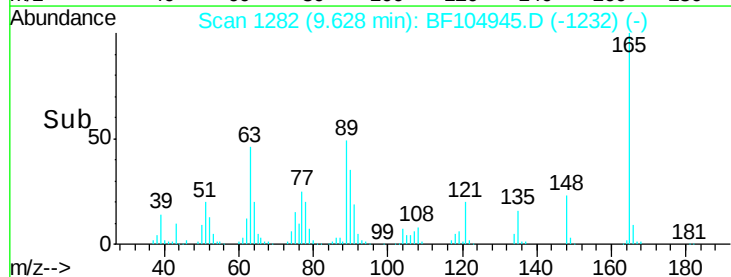
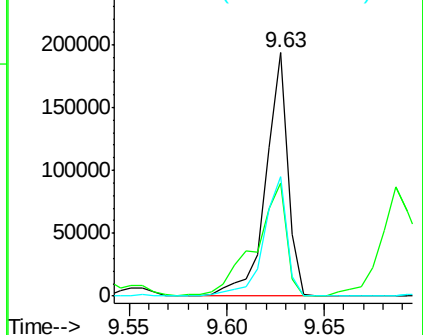


#50
2,6-Dinitrotoluene
Concen: 46.51 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion:165 Resp: 151387
Ion Ratio Lower Upper
165 100
63 46.2 44.7 67.1
89 49.0 44.0 66.0



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: 36.25 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

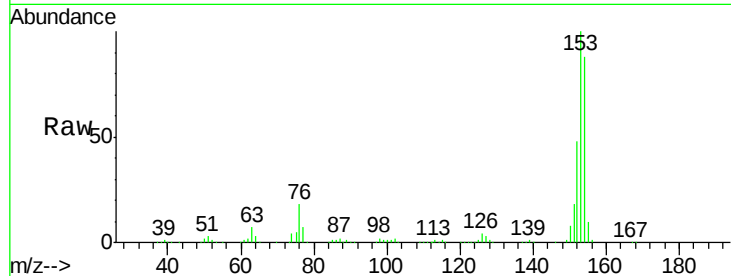
Tot Ion:154 Resp: 513630

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

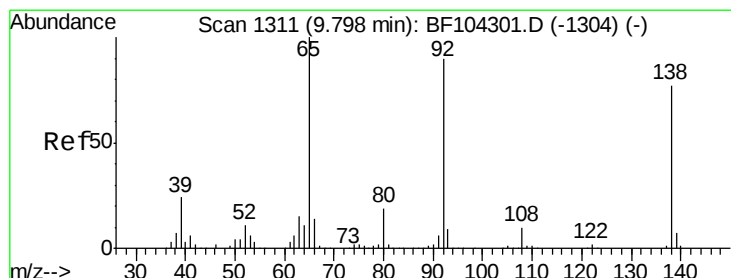
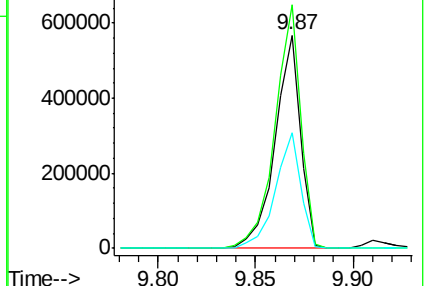
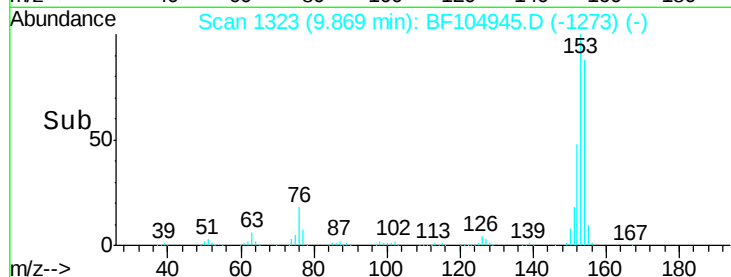
152 54.4 43.8 65.8



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: 25.88 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

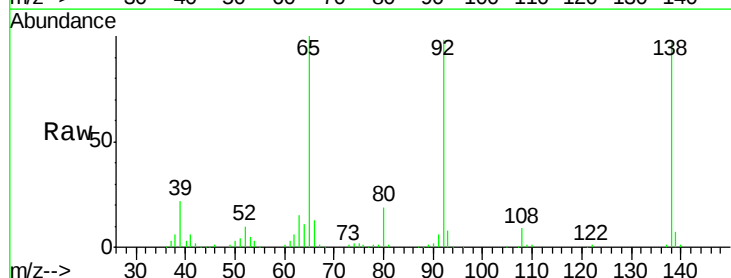
Tgt Ion:138 Resp: 98624

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

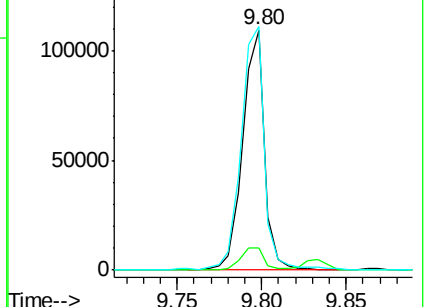
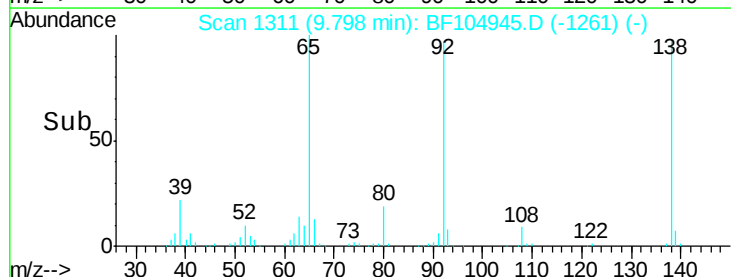
92 101.4 89.4 134.2

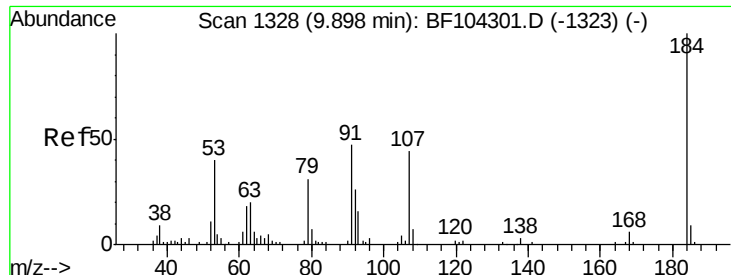


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

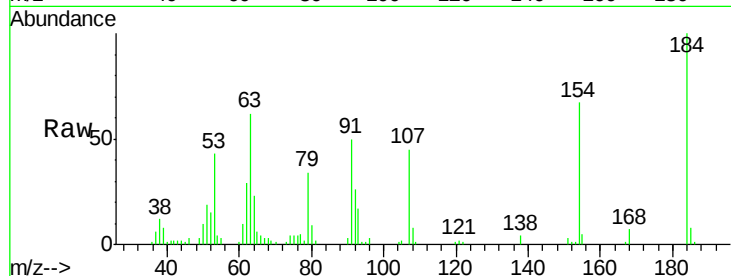




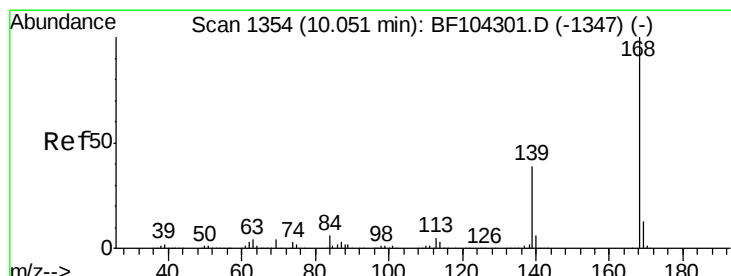
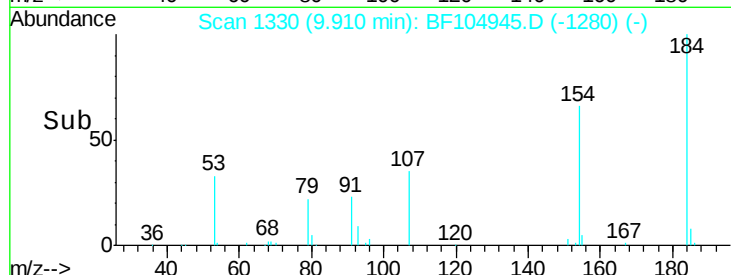
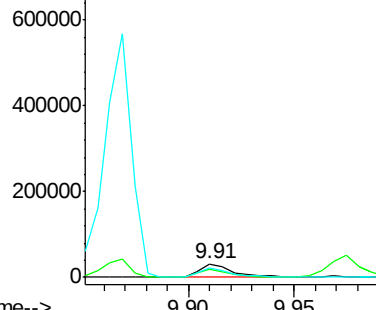
#53
 2,4-Dinitrophenol
 Concen: 36.52 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 35003
 Ion Ratio Lower Upper
 184 100
 63 61.6 54.2 81.2
 154 66.7 184.0 276.0#

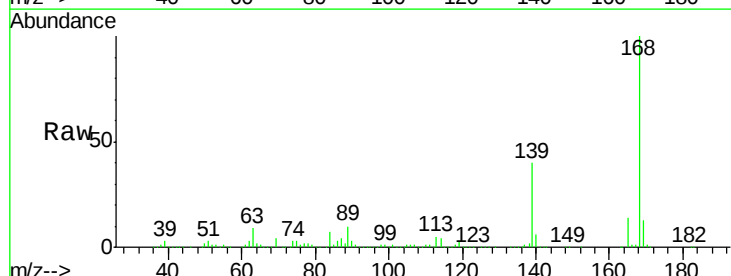


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

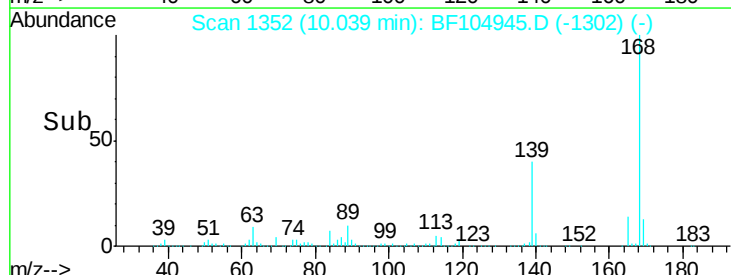
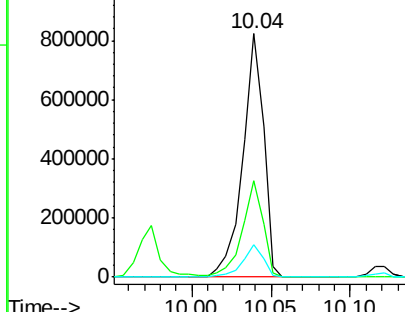


#54
 Dibenzofuran
 Concen: 37.79 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion:168 Resp: 746280
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.3 10.9 16.3



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

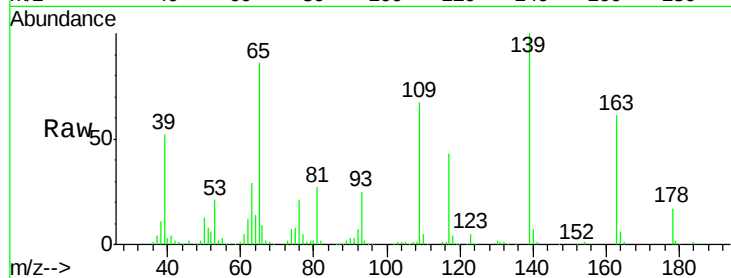




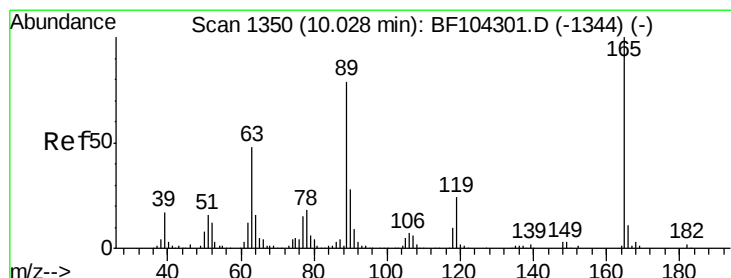
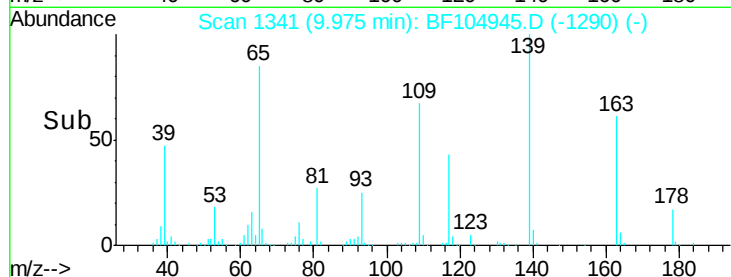
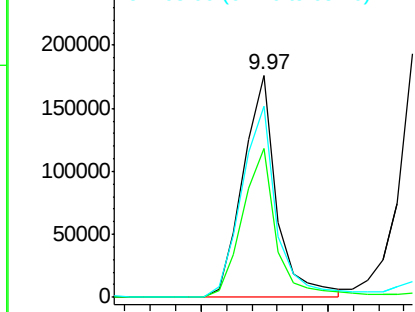
#55
4-Nitrophenol
Concen: 54.56 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 163323
Ion Ratio Lower Upper
139 100
109 67.0 48.4 88.4
65 86.1 72.6 112.6

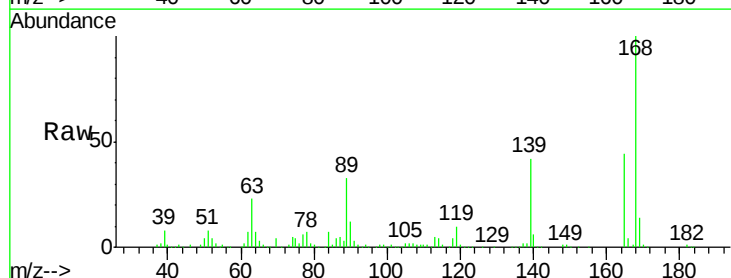


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

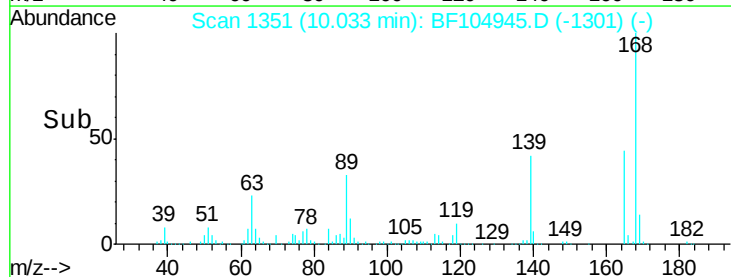
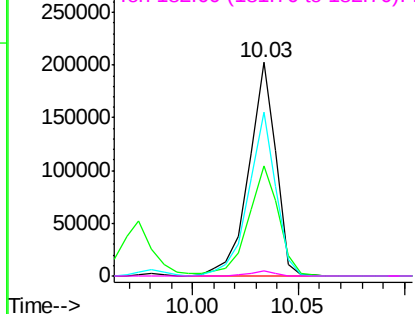


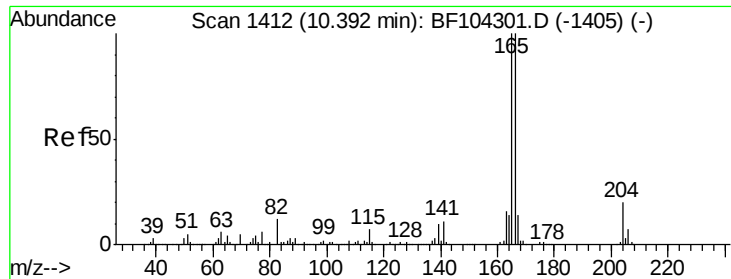
#56
2,4-Dinitrotoluene
Concen: 42.26 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion:165 Resp: 180421
Ion Ratio Lower Upper
165 100
63 51.4 36.4 54.6
89 76.4 57.8 86.6
182 2.6 1.6 2.4#



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: 41.68 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

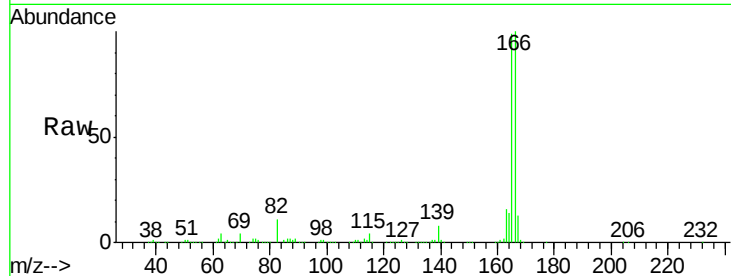
Tot Ion:166 Resp: 599058

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

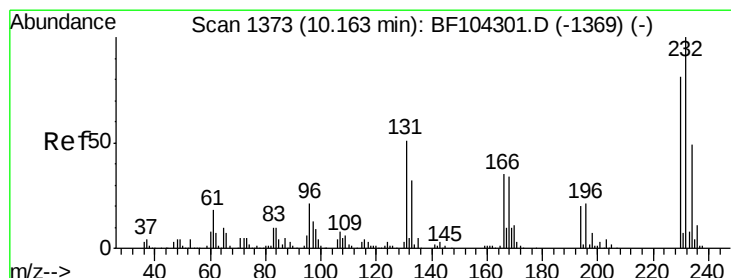
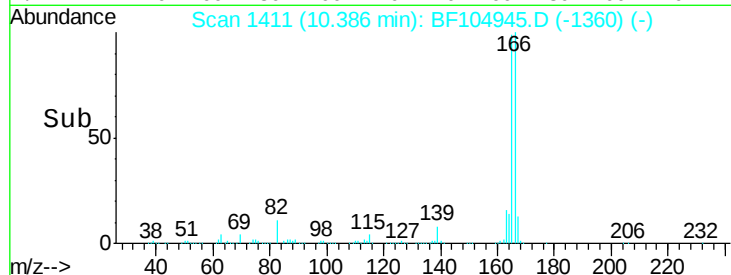
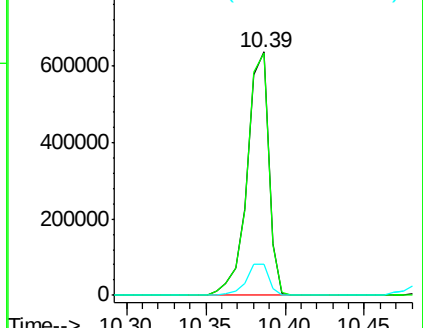
167 12.7 10.6 16.0



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: 38.12 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Tgt Ion:232 Resp: 141063

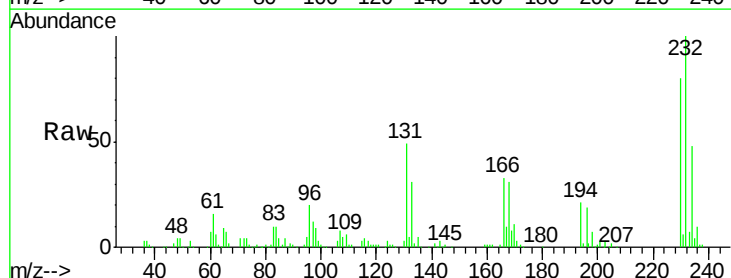
Ion Ratio Lower Upper

232 100

131 49.9 43.8 65.8

130 2.4 2.1 3.1

166 32.8 27.8 41.6

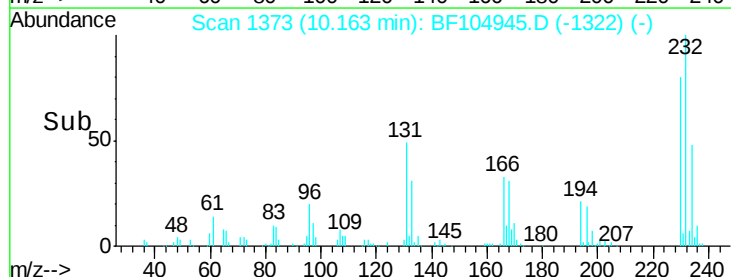
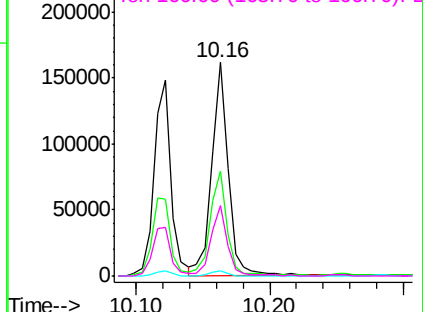


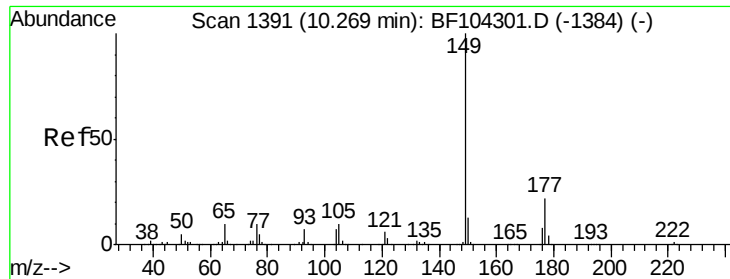
Abundance Ion 232.00 (231.70 to 232.70): E

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

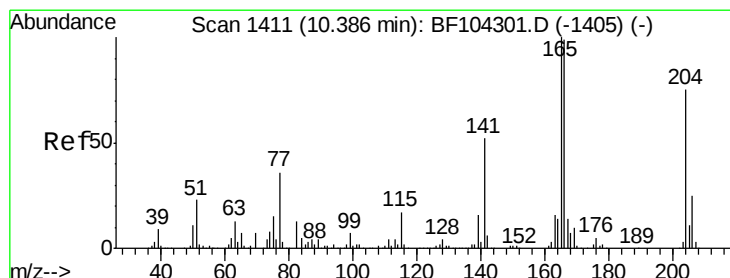
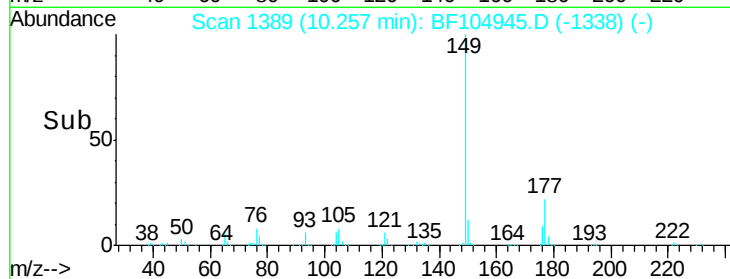
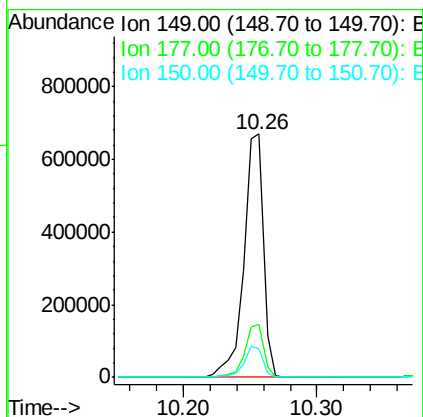
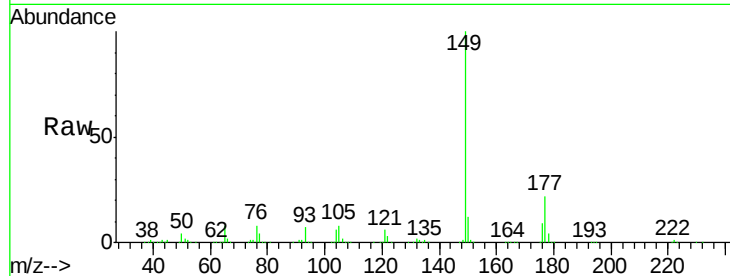




#59
Diethylphthalate
Concen: 38.42 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

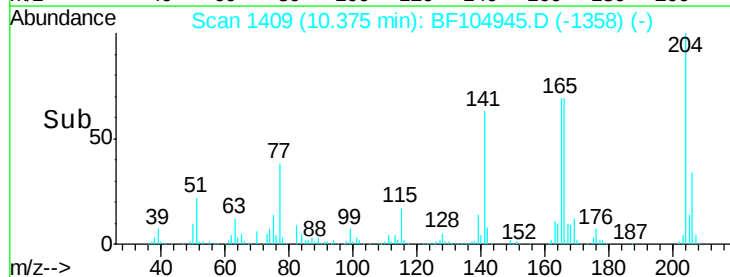
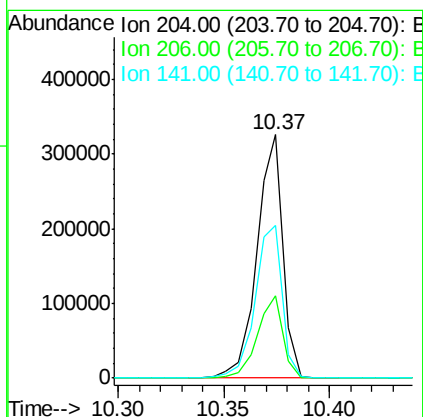
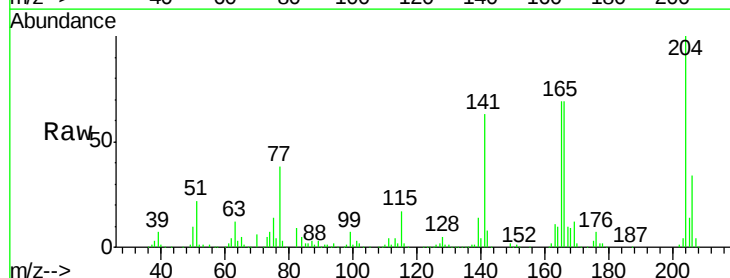
Instrument :
BNA_F
ClientSampleId :

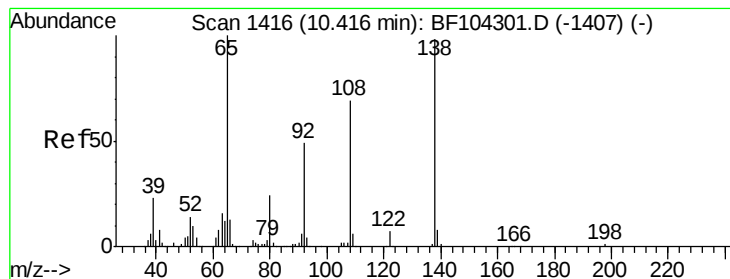
Tot Ion:149 Resp: 673120
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.41 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion:204 Resp: 277890
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 62.8 54.6 81.8





#61

4-Nitroaniline

Concen: 38.74 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampled :

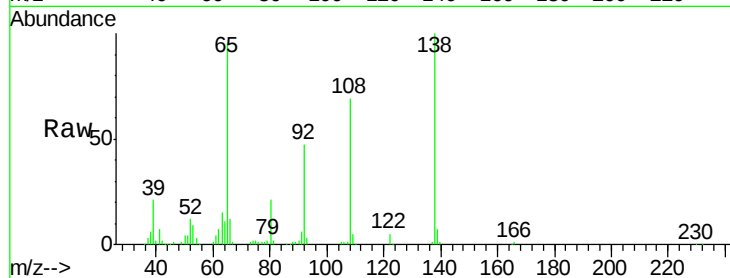
Tot Ion:138 Resp: 144354

Ion Ratio Lower Upper

138 100

92 46.5 30.2 70.2

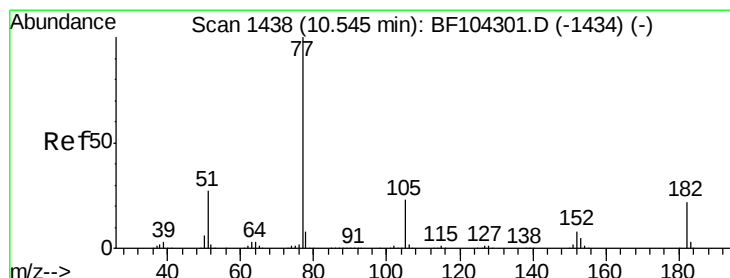
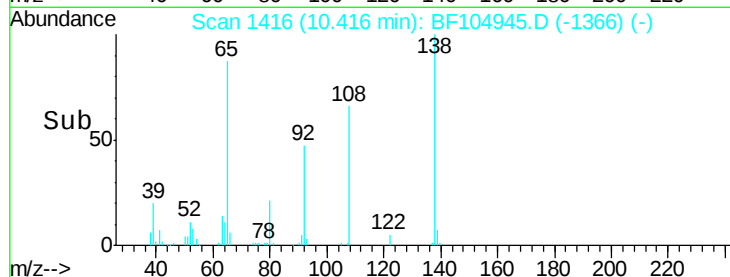
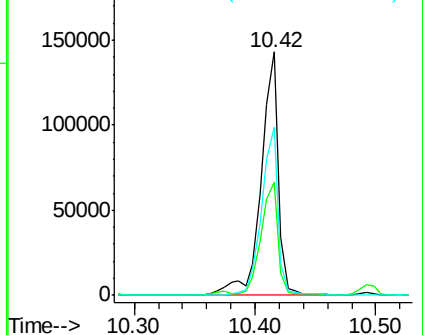
108 68.9 52.5 92.5



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: 35.05 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Tgt Ion: 77 Resp: 586726

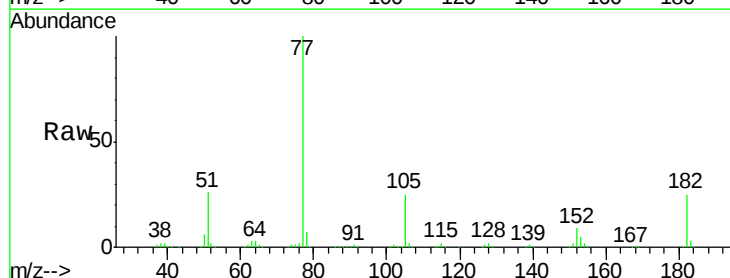
Ion Ratio Lower Upper

77 100

182 25.3 1.7 41.7

105 24.5 3.0 43.0

51 26.4 9.9 49.9

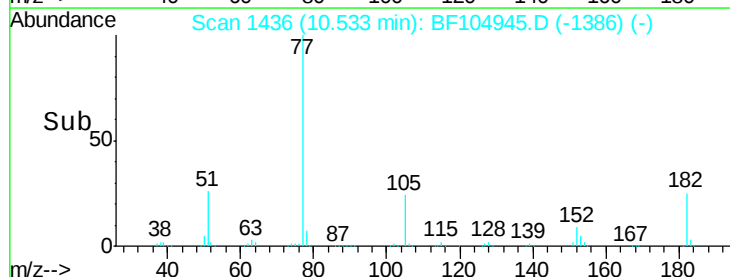
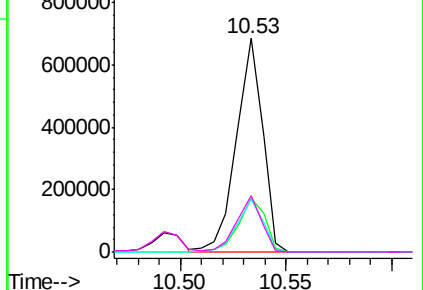


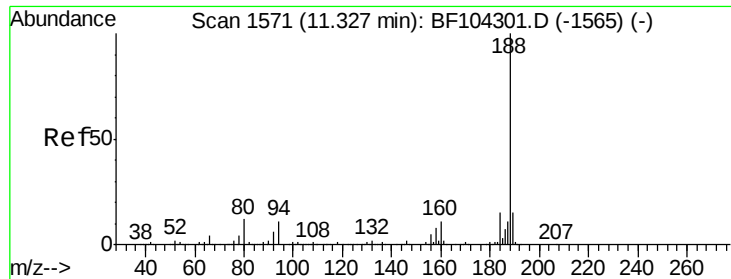
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

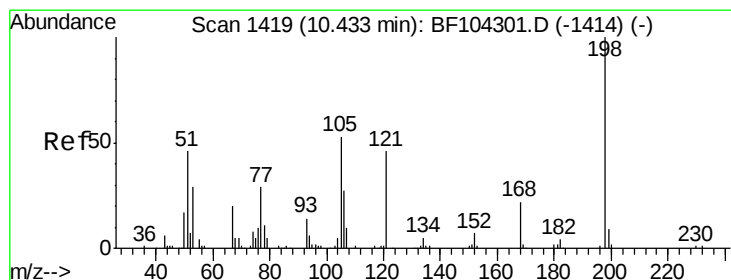
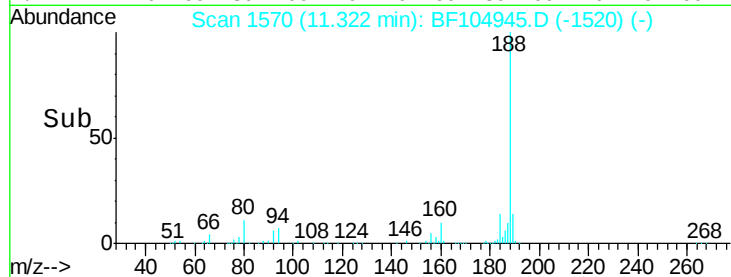
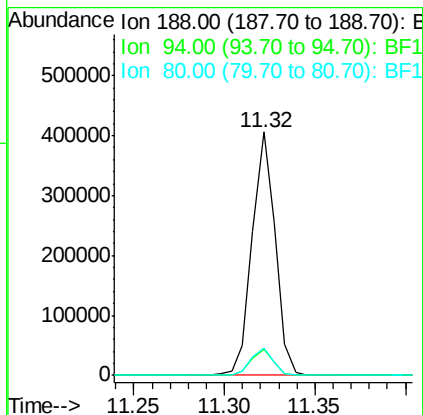
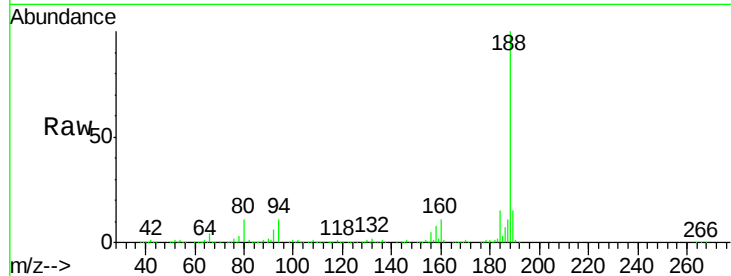




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

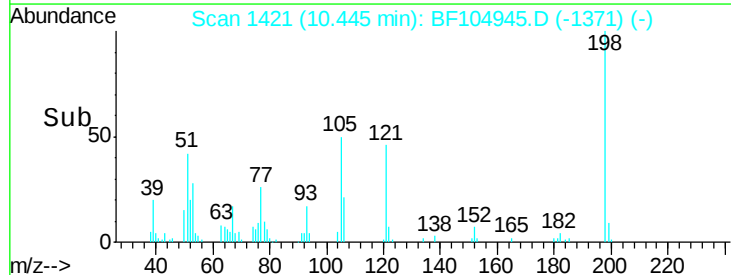
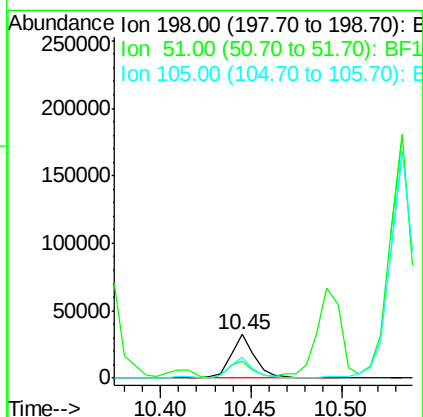
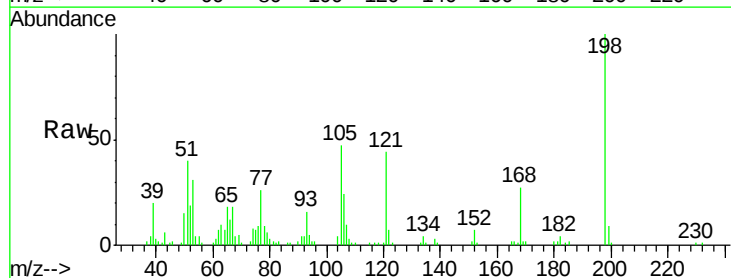
Instrument :
BNA_F
ClientSampleId :

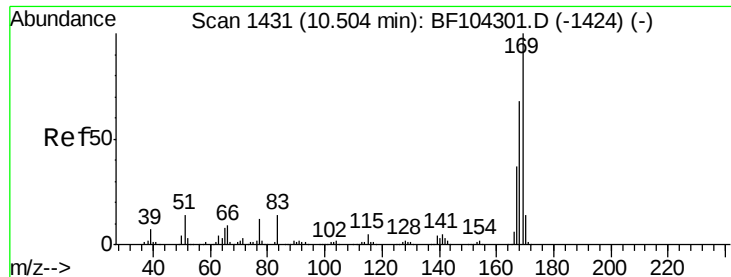
Tot Ion:188 Resp: 360744
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 21.56 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion:198 Resp: 29490
Ion Ratio Lower Upper
198 100
51 39.7 37.7 77.7
105 47.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 43.56 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

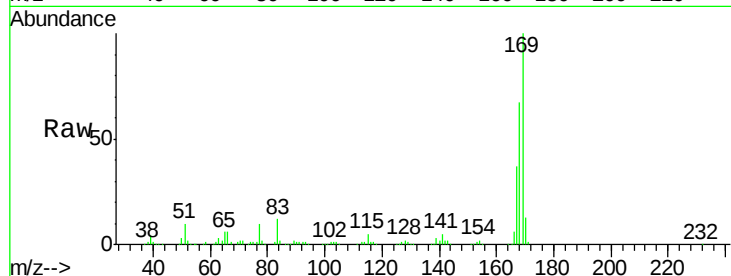
Tot Ion:169 Resp: 544851

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

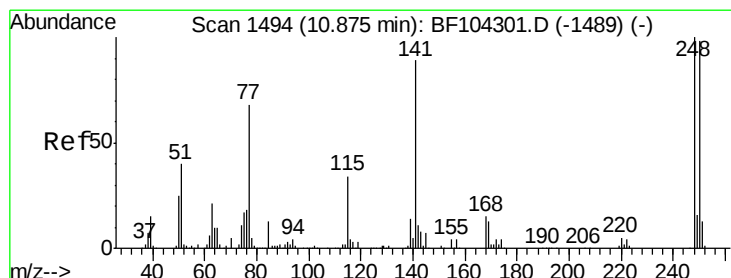
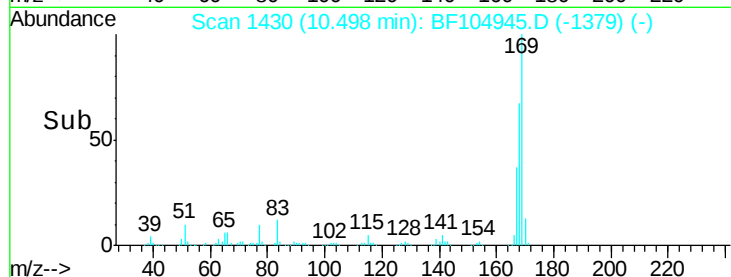
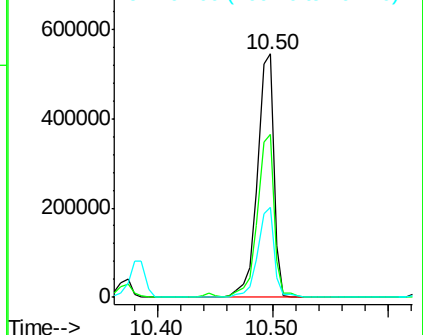
167 37.1 29.8 44.6



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: 44.29 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

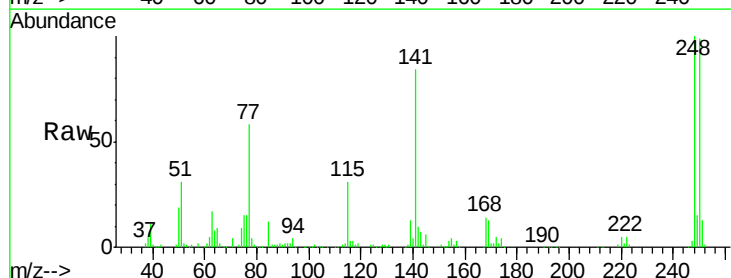
Tgt Ion:248 Resp: 169964

Ion Ratio Lower Upper

248 100

250 98.7 76.9 115.3

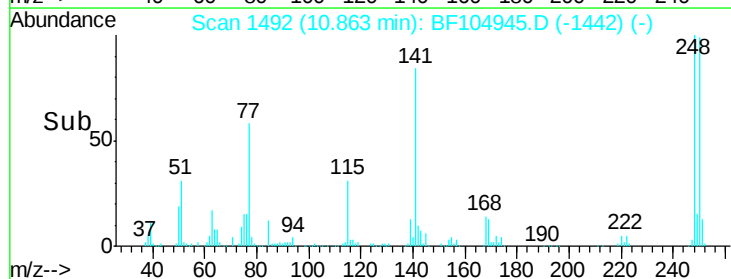
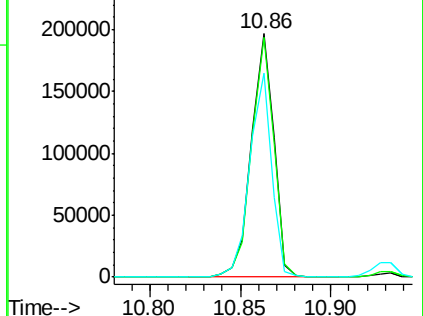
141 83.7 74.4 111.6



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

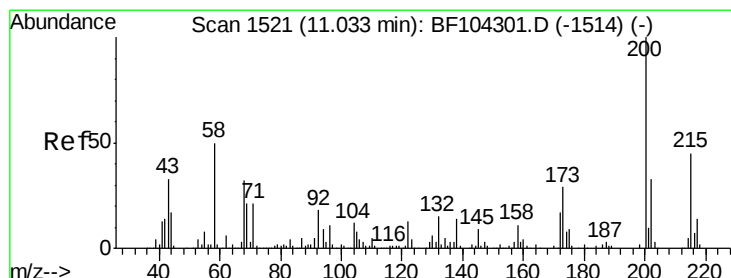
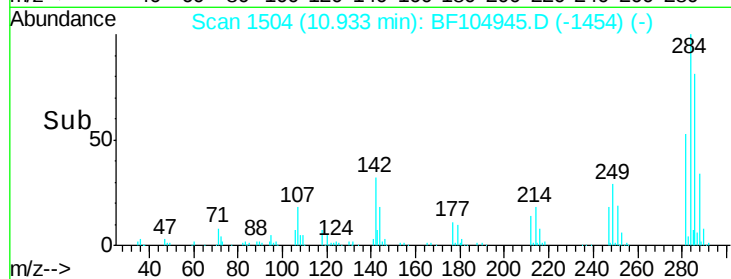
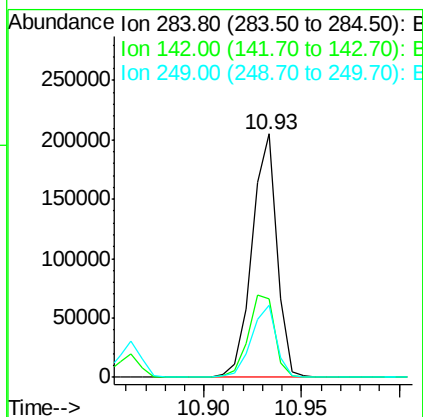
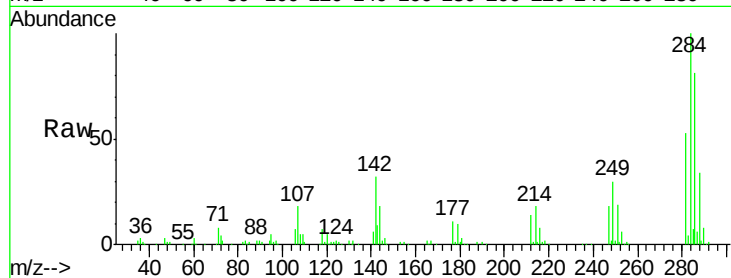




#67
Hexachlorobenzene
Concen: 41.98 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

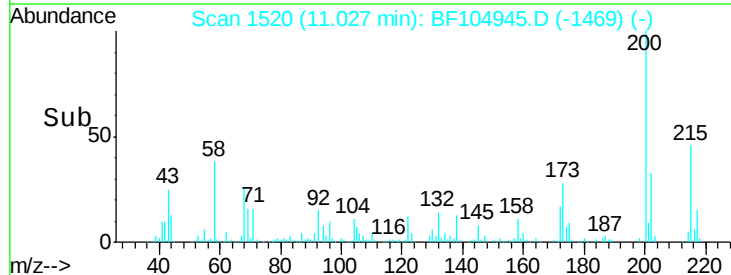
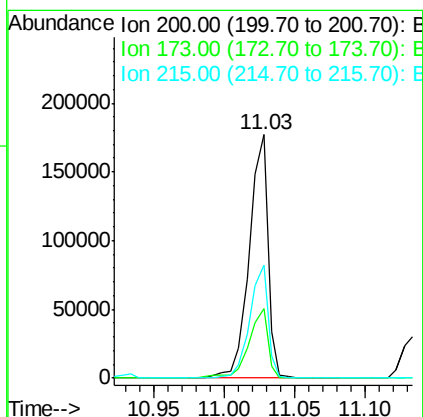
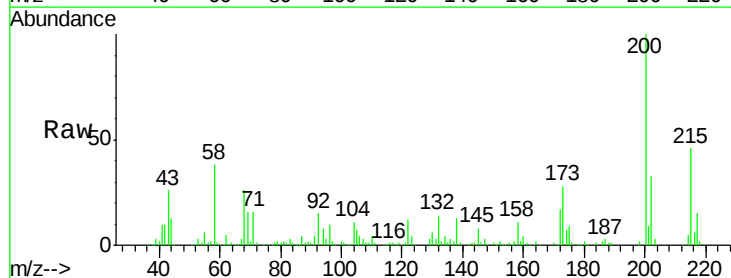
Instrument :
BNA_F
ClientSampled :

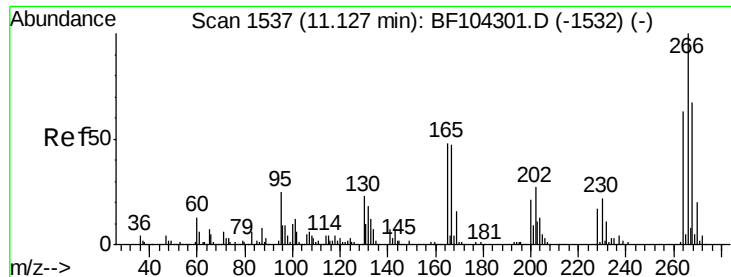
Tot Ion:284 Resp: 181254
Ion Ratio Lower Upper
284 100
142 32.4 34.6 52.0#
249 29.8 24.8 37.2



#68
Atrazine
Concen: 43.79 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion:200 Resp: 165346
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 46.2 25.1 65.1

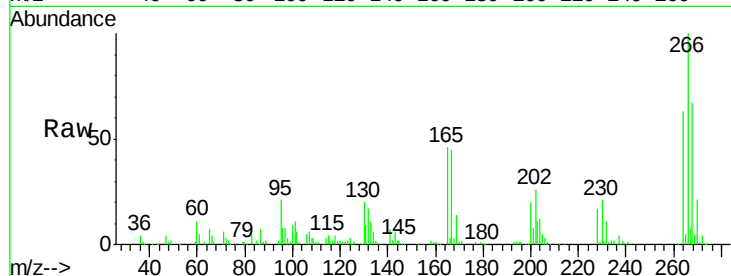




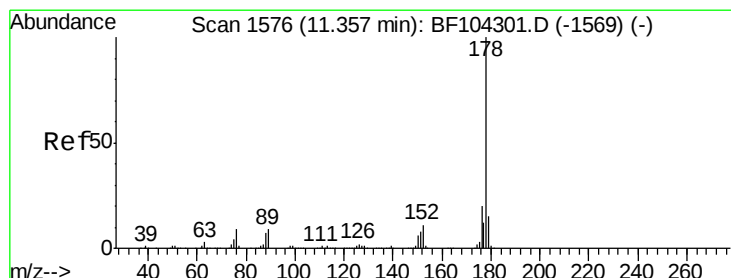
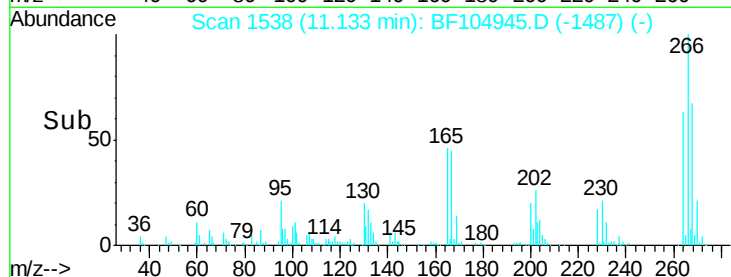
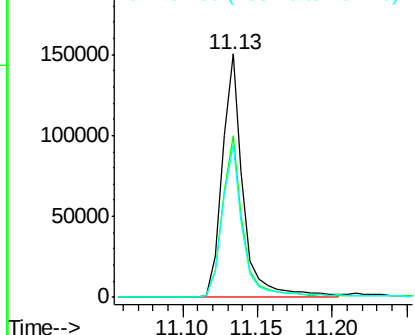
#69
 Pentachlorophenol
 Concen: 55.69 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 148762
 Ion Ratio Lower Upper
 266 100
 268 66.6 51.1 76.7
 264 62.7 49.5 74.3

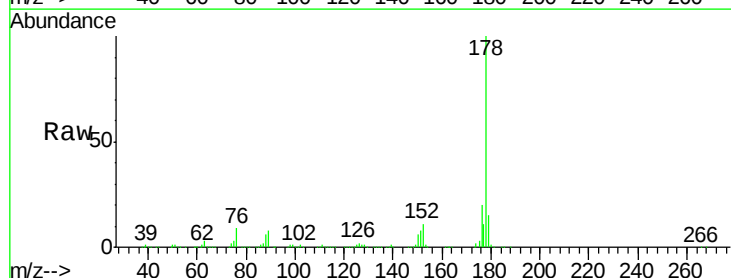


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

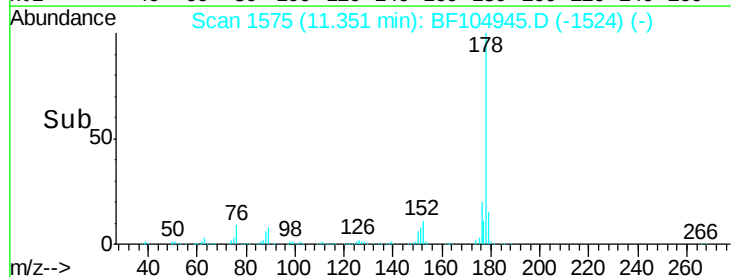
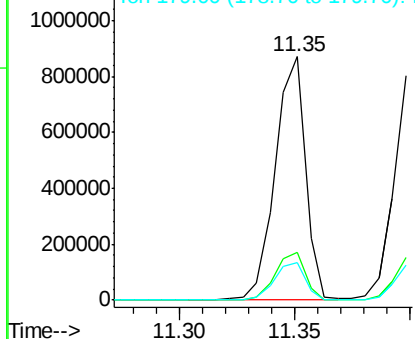


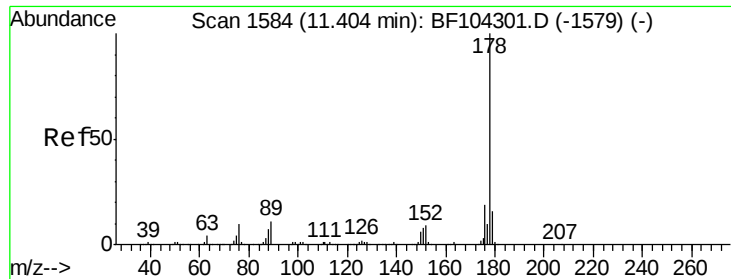
#70
 Phenanthrene
 Concen: 39.42 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion:178 Resp: 791890
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 13.0 19.6



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

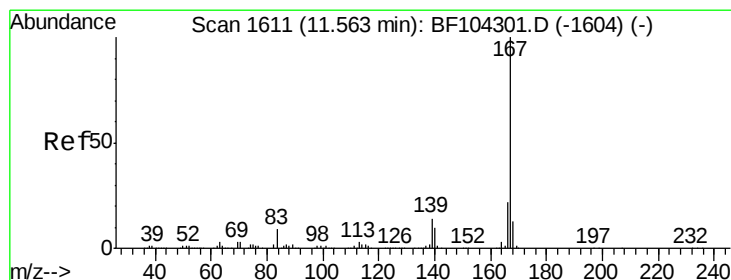
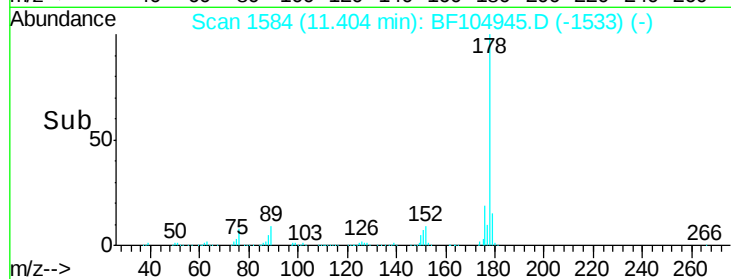
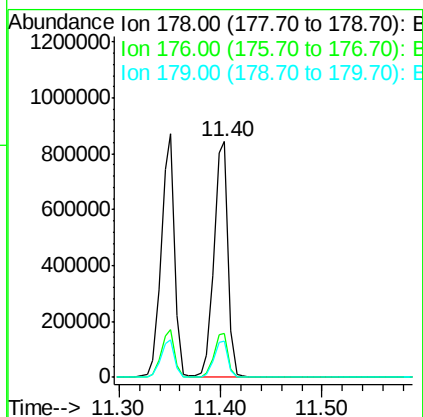
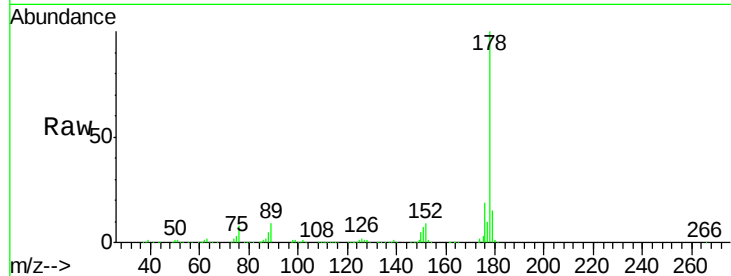




#71
 Anthracene
 Concen: 39.82 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

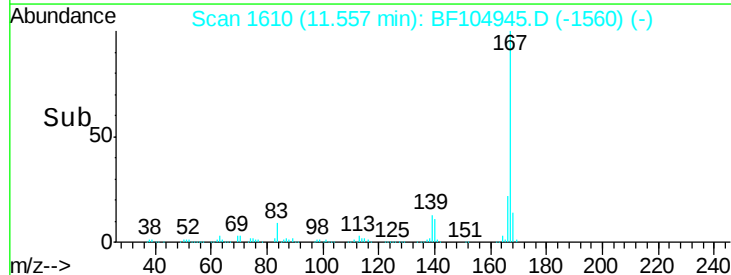
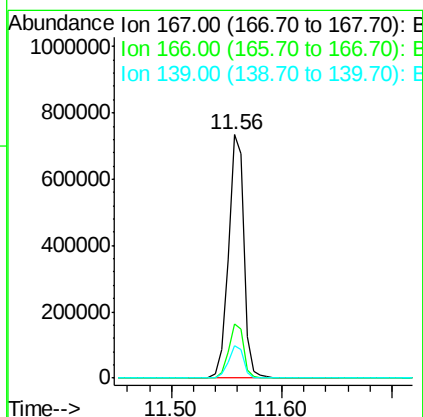
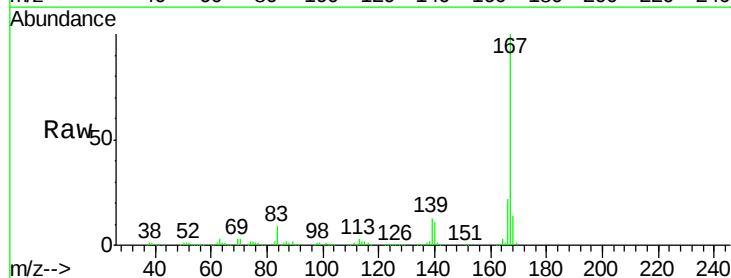
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 813155
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 35.99 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion:167 Resp: 718131
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.89 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampled :

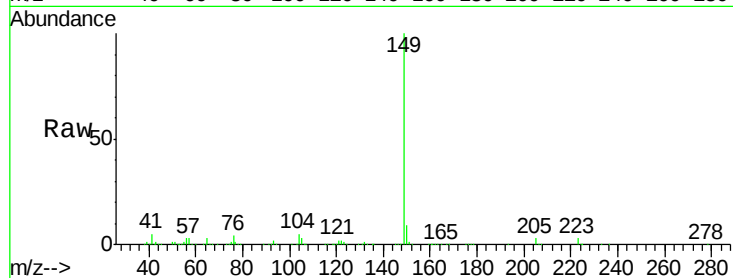
Tot Ion:149 Resp: 972441

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

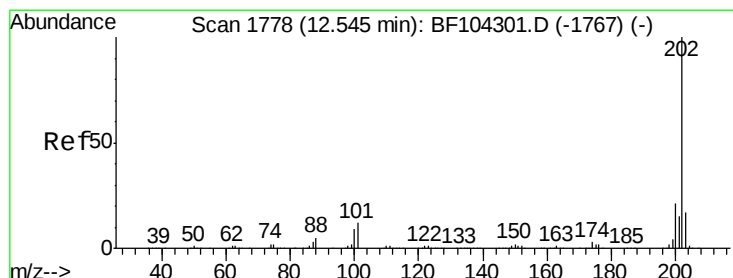
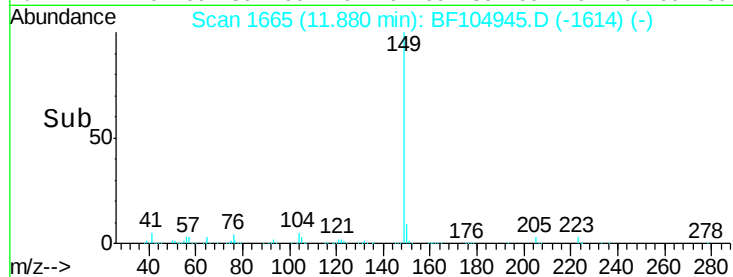
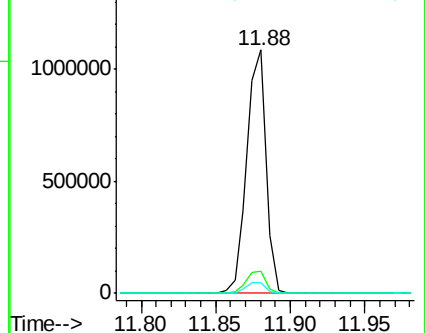
104 4.5 3.8 5.8



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: 34.66 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

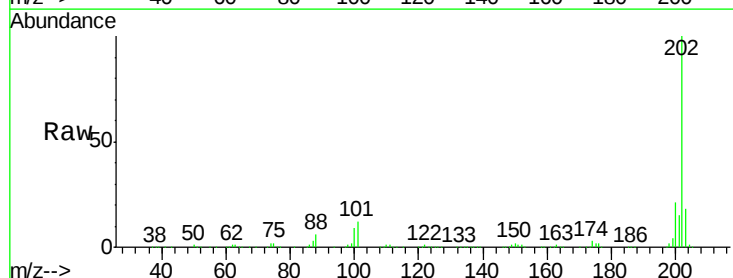
Tgt Ion:202 Resp: 727464

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

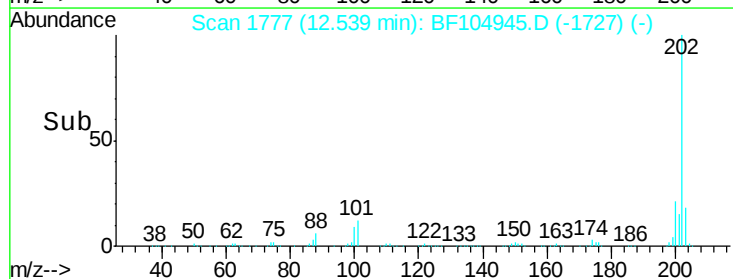
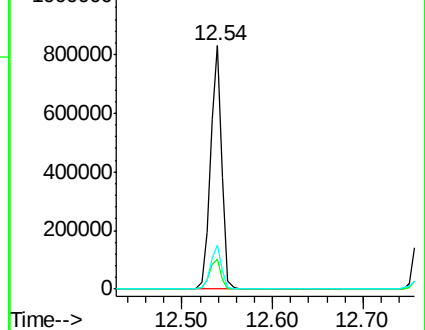
203 18.0 0.0 38.1

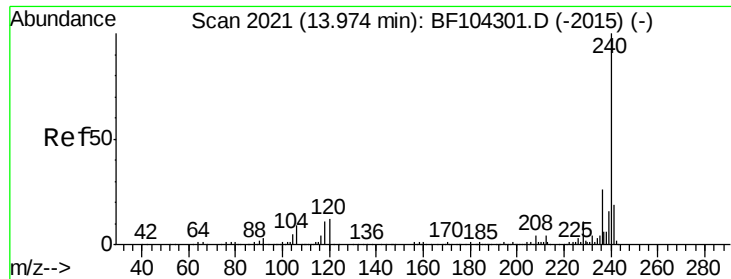


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

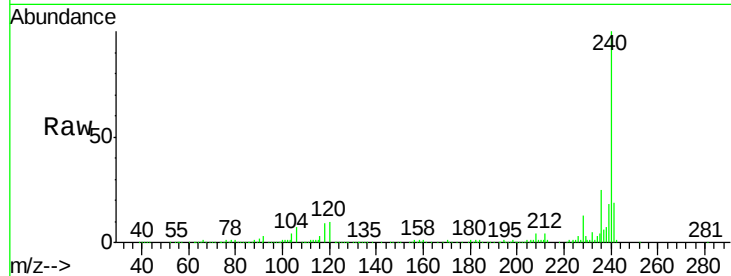
Tot Ion:240 Resp: 226463

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

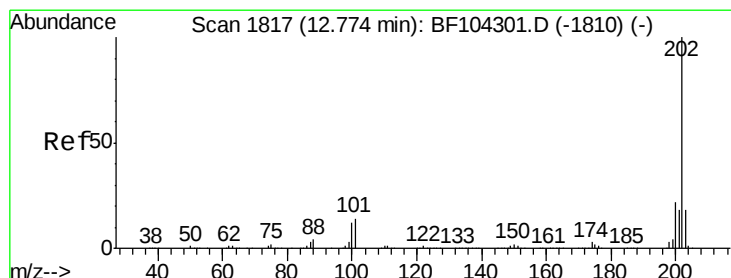
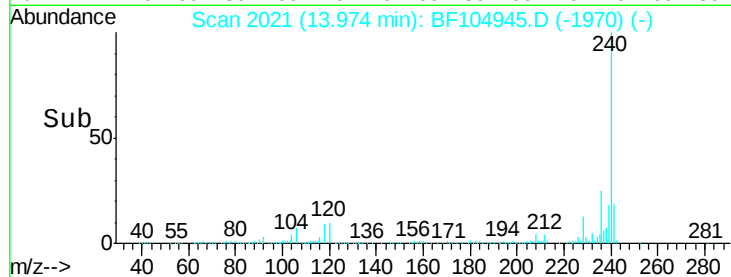
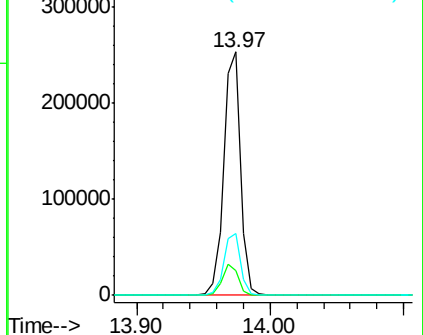
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 42.18 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

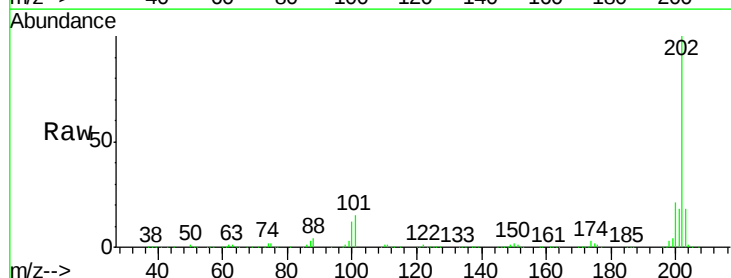
Tgt Ion:202 Resp: 708018

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

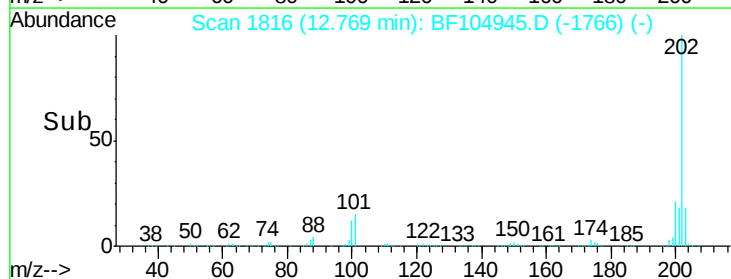
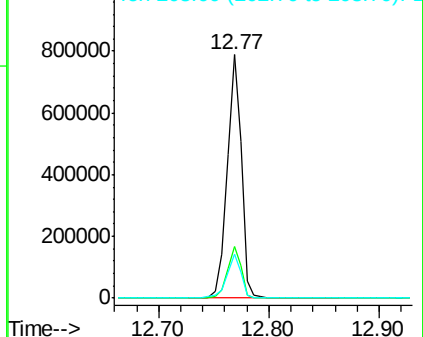
203 17.9 14.3 21.5

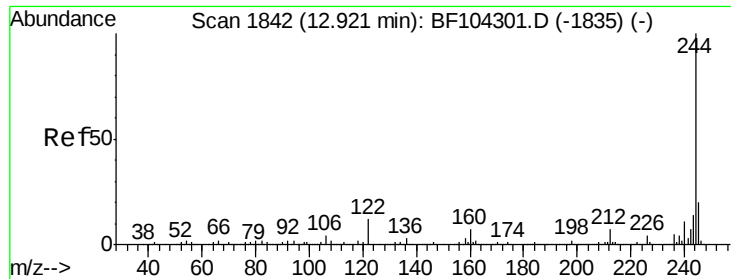


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

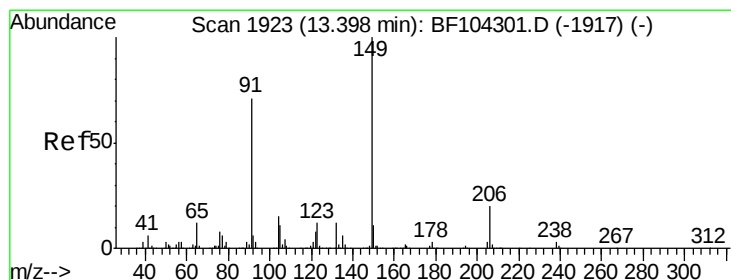
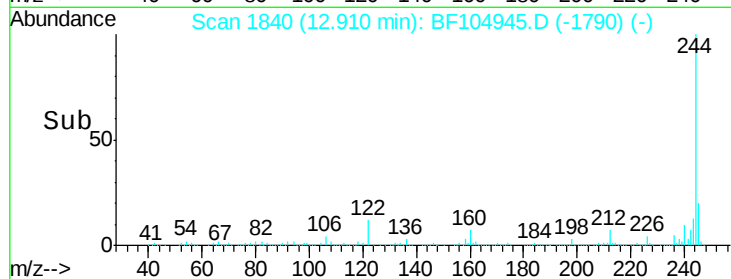
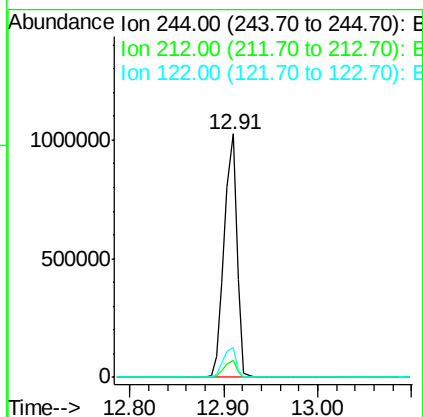
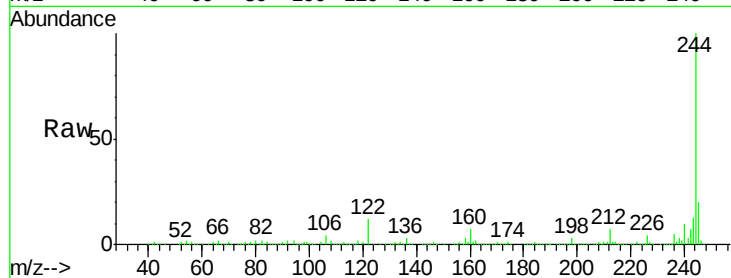




#78
 Terphenyl-d14
 Concen: 98.59 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

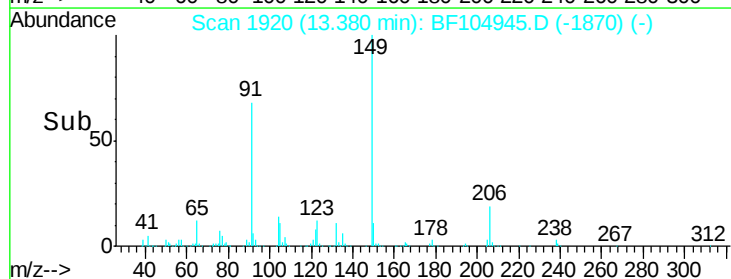
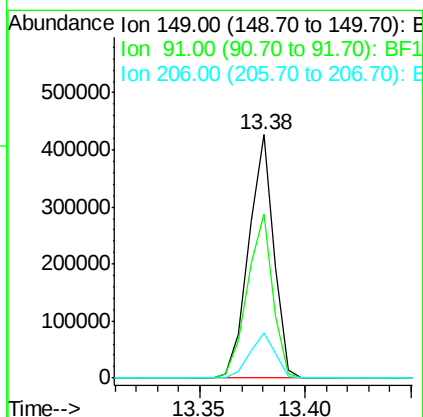
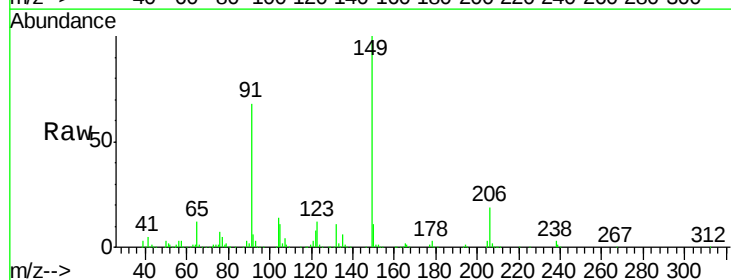
Instrument :
 BNA_F
 ClientSampleId :

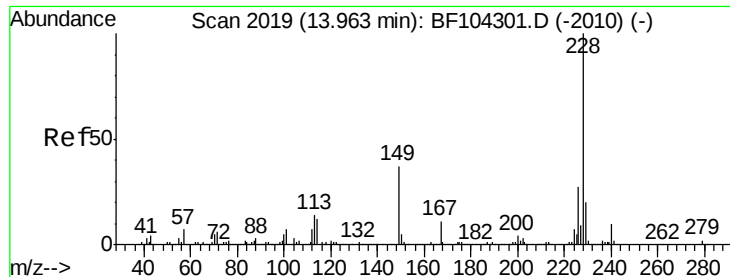
Tot Ion:244 Resp: 979321
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.0 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 44.55 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF104945.D
 Acq: 30 Apr 2018 20:47

Tgt Ion:149 Resp: 352303
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.8 85.2
 206 18.6 14.1 21.1





#80

Benzo(a)anthracene

Concen: 43.50 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampled :

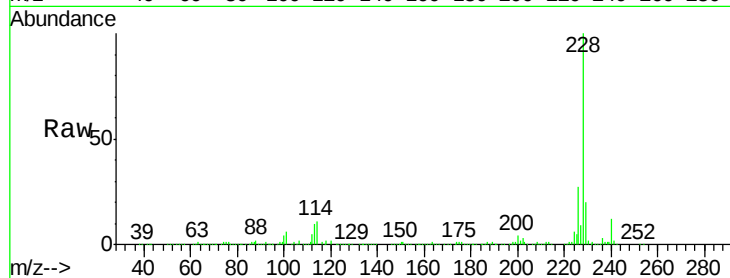
Tot Ion:228 Resp: 588489

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

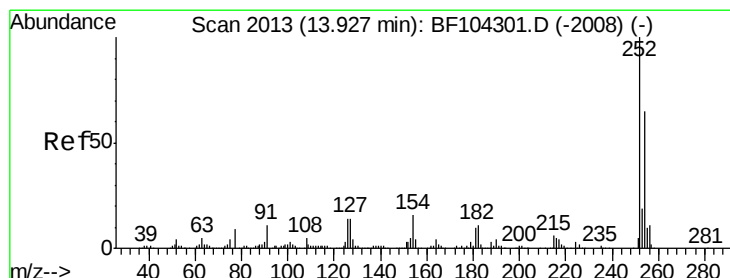
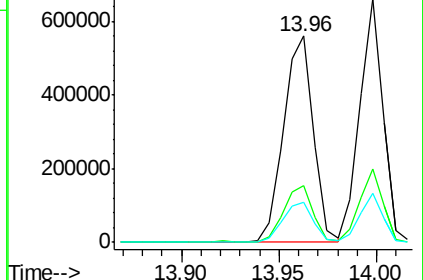
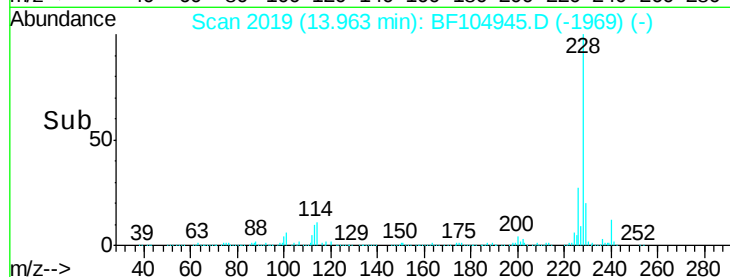
229 19.6 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 29.71 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

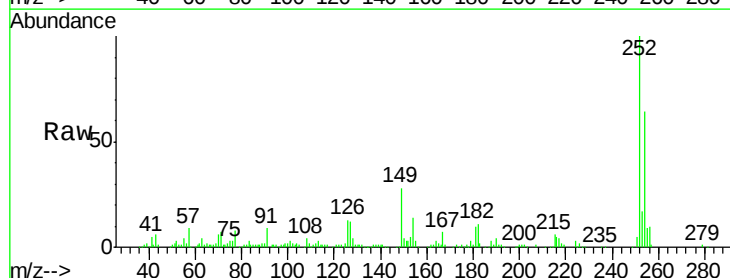
Tgt Ion:252 Resp: 149853

Ion Ratio Lower Upper

252 100

254 64.1 50.4 75.6

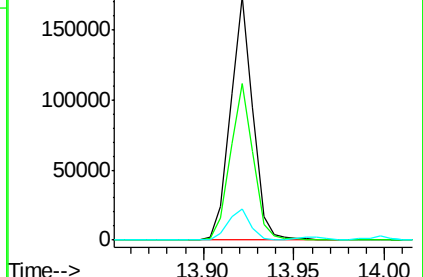
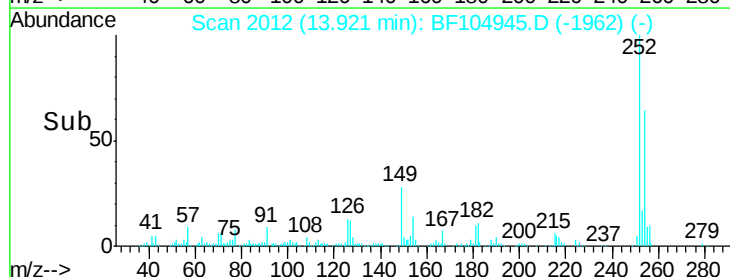
126 12.6 11.3 16.9

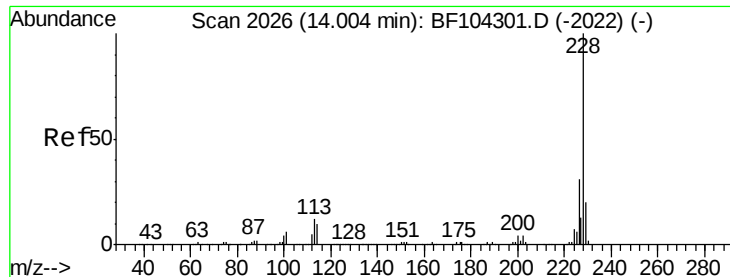


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.48 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

Instrument :

BNA_F

ClientSampleId :

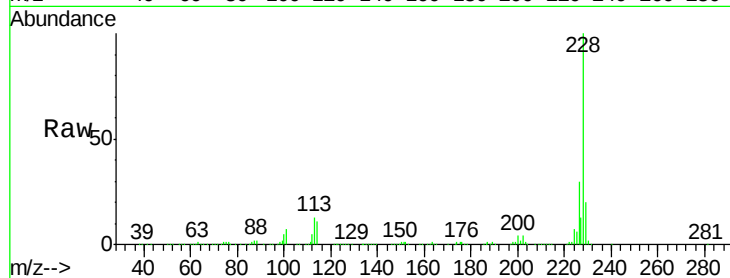
Tot Ion:228 Resp: 548623

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

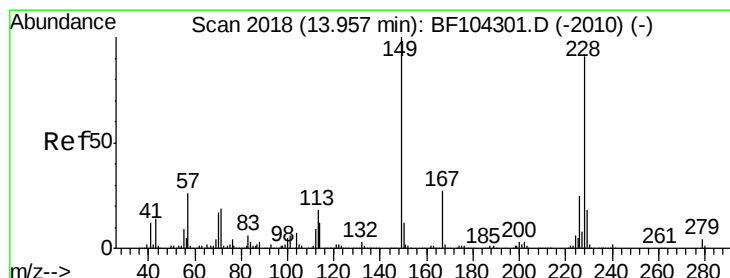
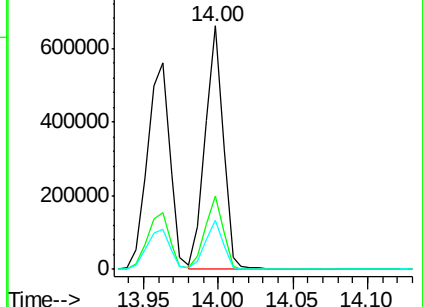
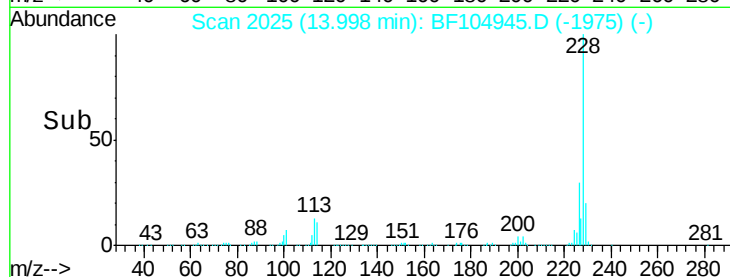
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.85 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104945.D

Acq: 30 Apr 2018 20:47

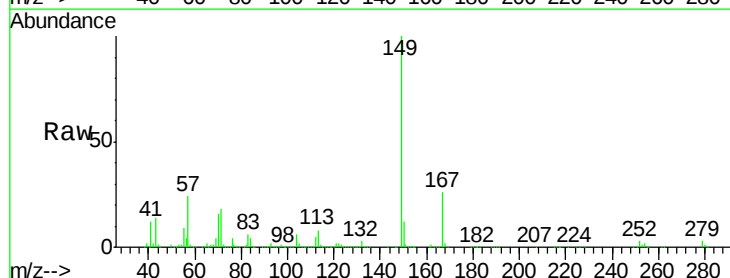
Tgt Ion:149 Resp: 486735

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

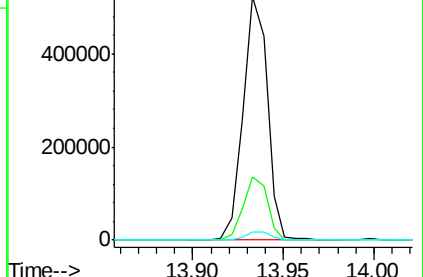
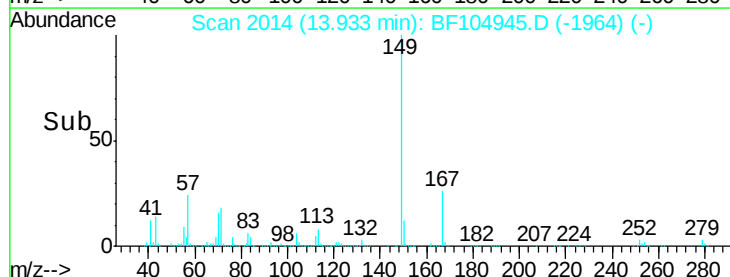
279 3.2 3.0 4.4

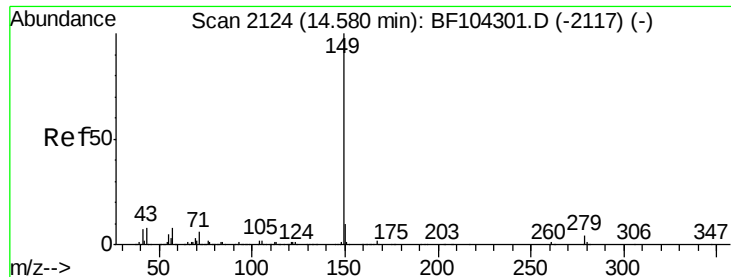


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

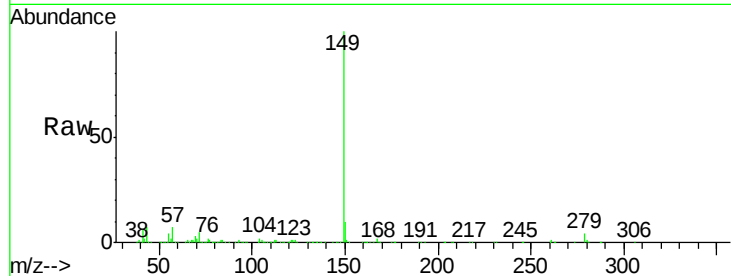




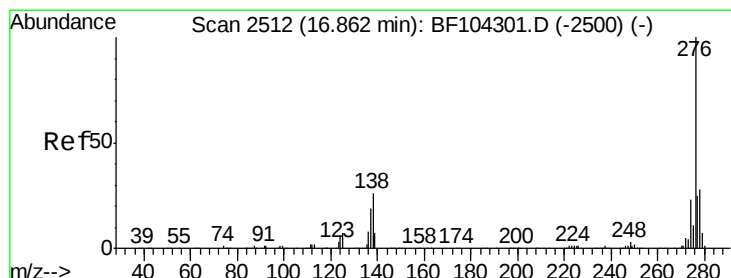
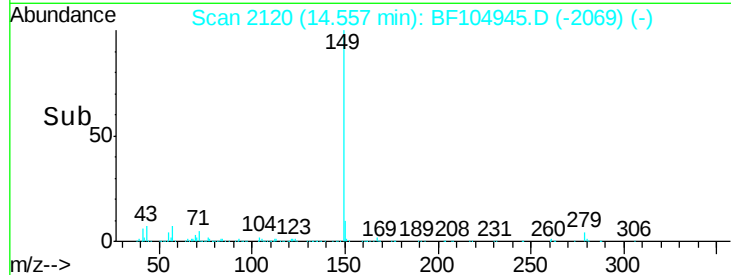
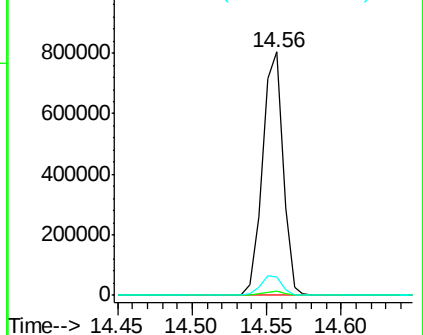
#84
Di-n-octyl phthalate
Concen: 44.64 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 758782
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.0 8.4 12.6#

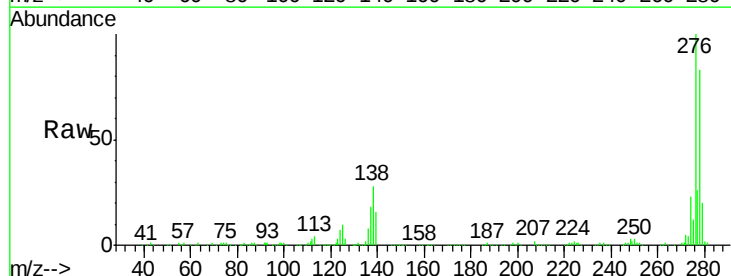


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

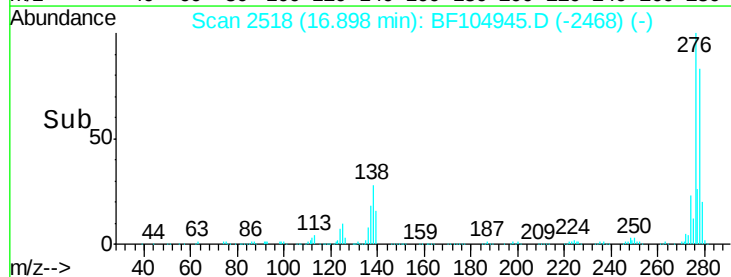
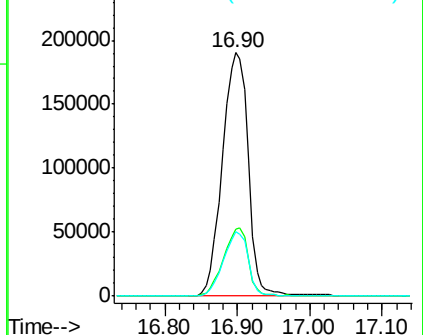


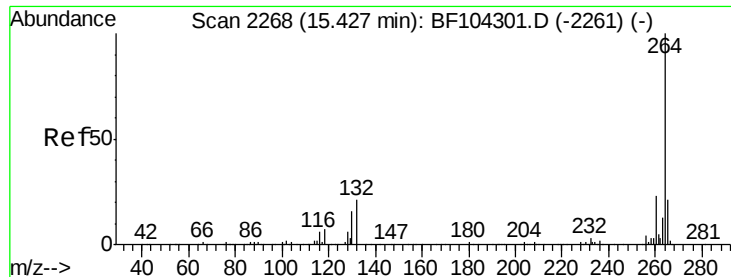
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.17 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion:276 Resp: 474219
Ion Ratio Lower Upper
276 100
138 26.9 25.0 37.6
277 25.3 20.1 30.1



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

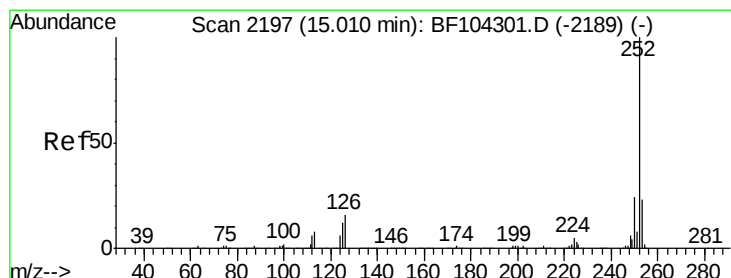
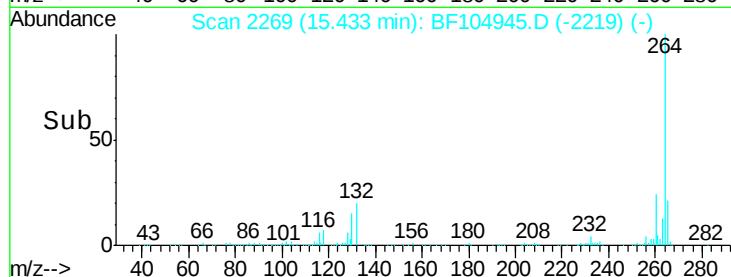
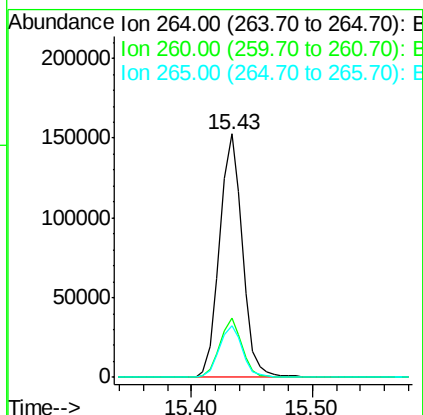
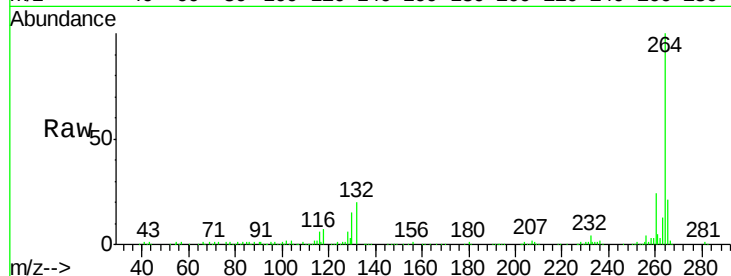




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

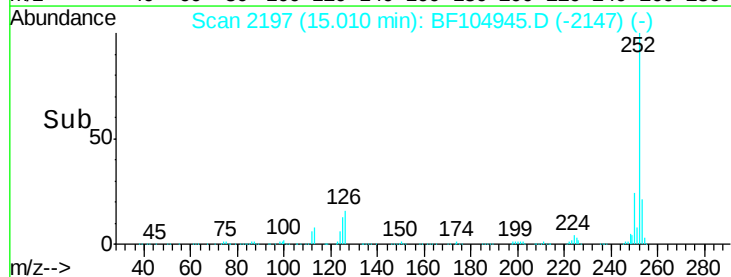
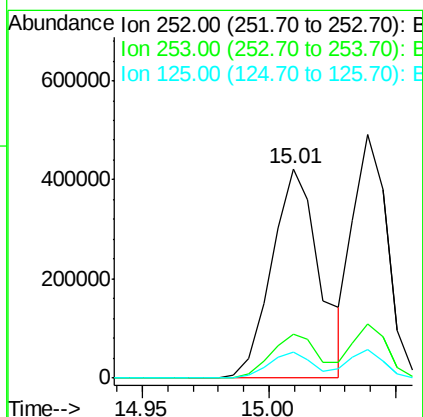
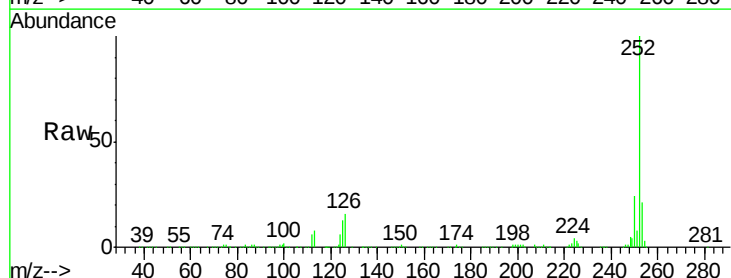
Instrument :
BNA_F
ClientSampleId :

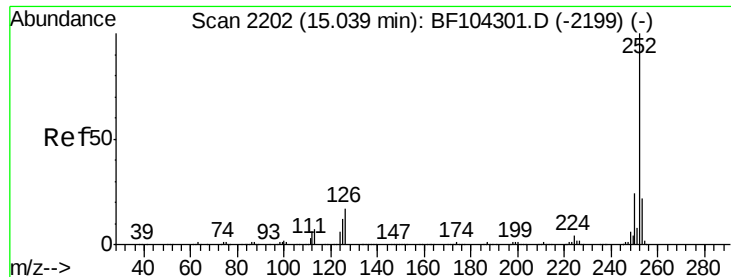
Tot Ion:264 Resp: 199483
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 44.15 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion:252 Resp: 556217
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 12.6 9.0 13.6

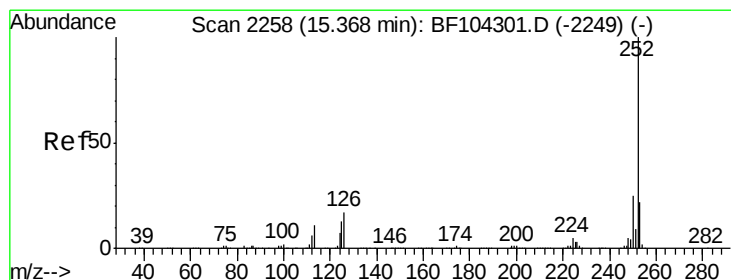
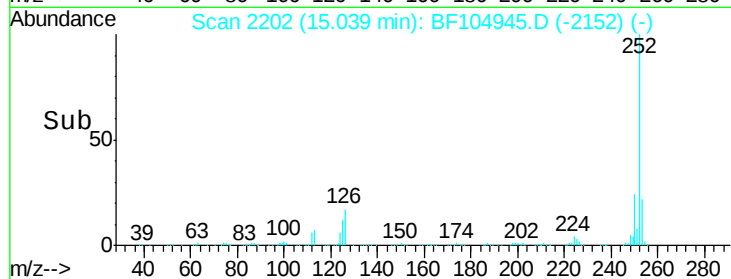
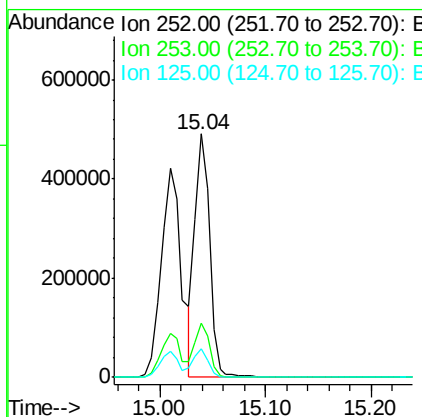
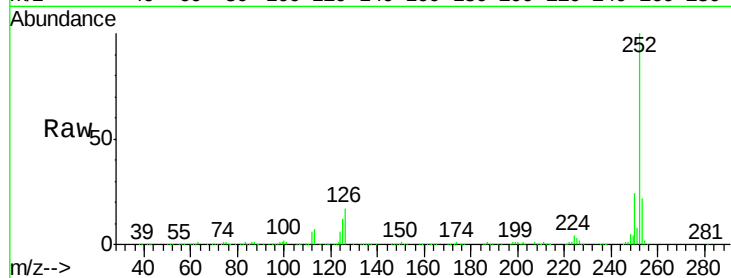




#88
Benzo(k)fluoranthene
Concen: 39.48 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

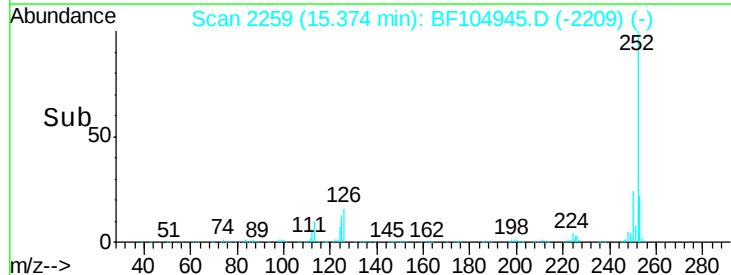
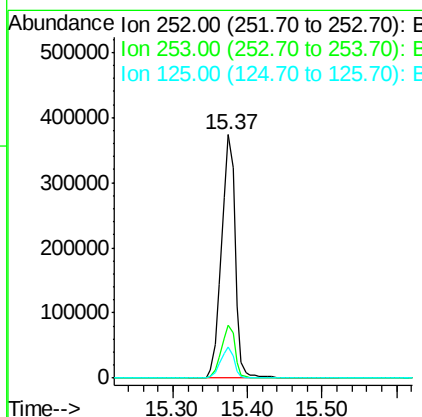
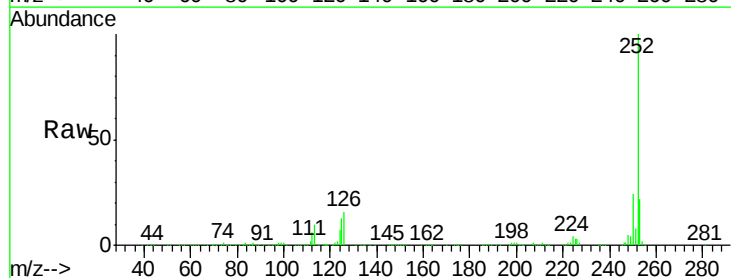
Instrument :
BNA_F
ClientSampleId :

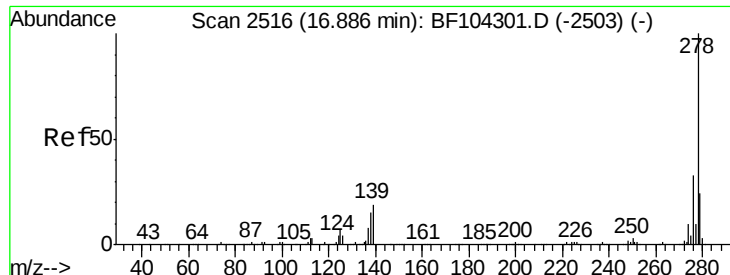
Tot Ion:252 Resp: 469628
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 42.38 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion:252 Resp: 477793
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 12.7 9.8 14.6

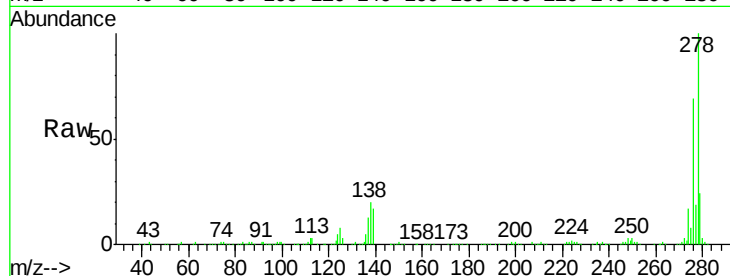




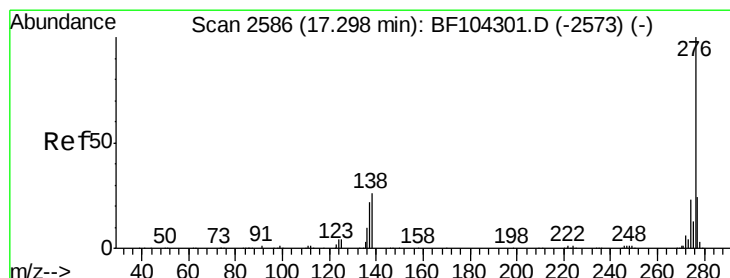
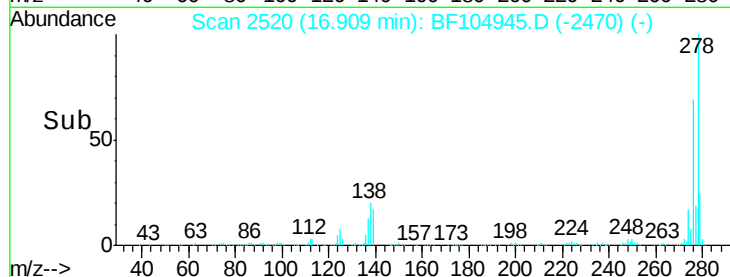
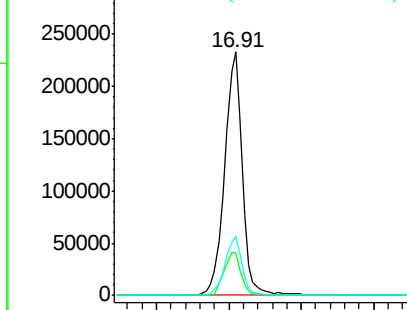
#90
Dibenzo(a,h)anthracene
Concen: 42.67 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.9	23.9
279	24.3	19.0	28.4

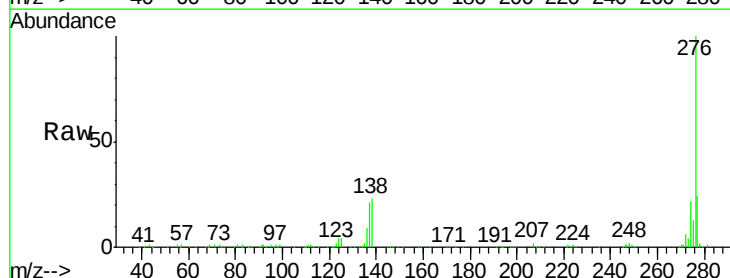


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 42.66 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BF104945.D
Acq: 30 Apr 2018 20:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	23.3	21.8	32.8



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

