

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104777.D
 Acq On : 25 Apr 2018 1:30
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 04:28:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	116572	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	469660	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	198034	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	314612	20.00	ng	0.00
75) Chrysene-d12	13.99	240	231167	20.00	ng	0.00
86) Perylene-d12	15.46	264	156523	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	542239	71.12	ng	0.00
7) Phenol-d6	6.46	99	669077	71.43	ng	0.01
23) Nitrobenzene-d5	7.38	82	616306	85.69	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	147806	71.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1064230	84.90	ng	0.00
78) Terphenyl-d14	12.93	244	854498	84.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	113559	31.967	ng	88
3) Pyridine	3.23	79	311071	31.145	ng	86
4) n-Nitrosodimethylamine	3.20	42	111591	31.962	ng	87
6) Aniline	6.47	93	435173	33.439	ng	# 64
8) 2-Chlorophenol	6.60	128	302983	37.653	ng	95
9) Benzaldehyde	6.36	77	168414	33.755	ng	95
10) Phenol	6.47	94	357685	35.988	ng	# 67
11) bis(2-Chloroethyl)ether	6.55	93	289968	36.560	ng	96
12) 1,3-Dichlorobenzene	6.75	146	347295	38.097	ng	99
13) 1,4-Dichlorobenzene	6.83	146	351025	38.629	ng	99
14) 1,2-Dichlorobenzene	6.98	146	324808	38.571	ng	98
15) Benzyl Alcohol	6.96	79	247267	34.755	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	341287	32.042	ng	68
17) 2-Methylphenol	7.07	107	257223	36.774	ng	# 92
18) Hexachloroethane	7.32	117	89507	27.626	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	206516	33.739	ng	94
20) 3+4-Methylphenols	7.23	107	323699	37.314	ng	# 72
22) Acetophenone	7.22	105	437828	37.865	ng	99
24) Nitrobenzene	7.40	77	319626	40.250	ng	100
25) Isophorone	7.63	82	537833	35.361	ng	99
26) 2-Nitrophenol	7.71	139	125451	38.805	ng	98
27) 2,4-Dimethylphenol	7.75	122	234232	34.895	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	344125	37.005	ng	99
29) 2,4-Dichlorophenol	7.96	162	240089	37.486	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	275598	39.209	ng	99
31) Naphthalene	8.12	128	878575	37.568	ng	100
32) Benzoic acid	7.87	122	84007	15.685	ng	95
33) 4-Chloroaniline	8.17	127	376732	37.601	ng	98
34) Hexachlorobutadiene	8.23	225	154076	40.019	ng	100
35) Caprolactam	8.56	113	78159	34.982	ng	# 70
36) 4-Chloro-3-methylphenol	8.66	107	254375	37.040	ng	98
37) 2-Methylnaphthalene	8.81	142	554715	36.669	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	245404	43.290	ng	99
40) Hexachlorocyclopentadiene	8.95	237	6392	2.014	ng	94

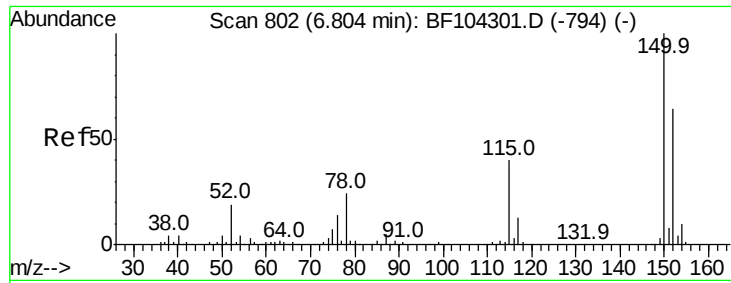
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104777.D
 Acq On : 25 Apr 2018 1:30
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	158125	40.182	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	172683	39.213	ng	97
45) 1,1'-Biphenyl	9.27	154	680832	40.925	ng	99
46) 2-Chloronaphthalene	9.30	162	527211	40.121	ng	99
47) 2-Nitroaniline	9.40	65	165082	50.800	ng	94
48) Acenaphthylene	9.72	152	767258	37.215	ng	100
49) Dimethylphthalate	9.57	163	661823	42.380	ng	99
50) 2,6-Dinitrotoluene	9.65	165	118086	40.865	ng	# 86
51) Acenaphthene	9.89	154	445504	35.416	ng	99
52) 3-Nitroaniline	9.82	138	159584	47.173	ng	98
53) 2,4-Dinitrophenol	9.93	184	608	5.896	ng	# 25
54) Dibenzofuran	10.06	168	633166	36.118	ng	97
55) 4-Nitrophenol	9.99	139	92514	34.814	ng	98
56) 2,4-Dinitrotoluene	10.05	165	133682	35.269	ng	# 97
57) Fluorene	10.40	166	503506	39.460	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	111765	34.019	ng	95
59) Diethylphthalate	10.27	149	614619	39.518	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	242600	42.692	ng	97
61) 4-Nitroaniline	10.43	138	159318	48.165	ng	93
62) Azobenzene	10.55	77	489065	32.913	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	2991	9.000	ng	73
65) n-Nitrosodiphenylamine	10.51	169	449600	41.216	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	140754	42.061	ng	95
67) Hexachlorobenzene	10.95	284	152504	40.501	ng	92
68) Atrazine	11.04	200	122788	37.291	ng	100
69) Pentachlorophenol	11.15	266	98150	42.133	ng	96
70) Phenanthrene	11.37	178	656894	37.493	ng	98
71) Anthracene	11.42	178	662746	37.212	ng	99
72) Carbazole	11.58	167	633750	36.415	ng	99
73) Di-n-butylphthalate	11.90	149	850018	39.984	ng	99
74) Fluoranthene	12.56	202	666151	36.391	ng	98
76) Benzidine	12.68	184	308308	39.093	ng	98
77) Pyrene	12.79	202	677546	39.542	ng	99
79) Butylbenzylphthalate	13.40	149	332196	41.152	ng	100
80) Benzo(a)anthracene	13.98	228	551308	39.920	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	210760	40.931	ng	# 96
82) Chrysene	14.02	228	533553	37.613	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	472678	45.523	ng	99
84) Di-n-octyl phthalate	14.58	149	721761	41.601	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.94	276	368149	30.552	ng	95
87) Benzo(b)fluoranthene	15.04	252	404003	40.867	ng	98
88) Benzo(k)fluoranthene	15.06	252	389038	41.684	ng	98
89) Benzo(a)pyrene	15.40	252	344451	38.942	ng	99
90) Dibenzo(a,h)anthracene	16.95	278	306004	42.122	ng	# 96
91) Benzo(g,h,i)perylene	17.38	276	300417	42.684	ng	95

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

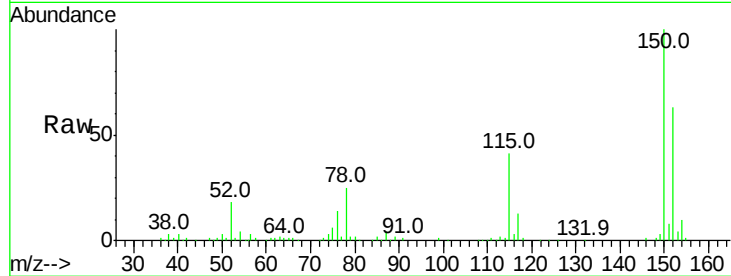


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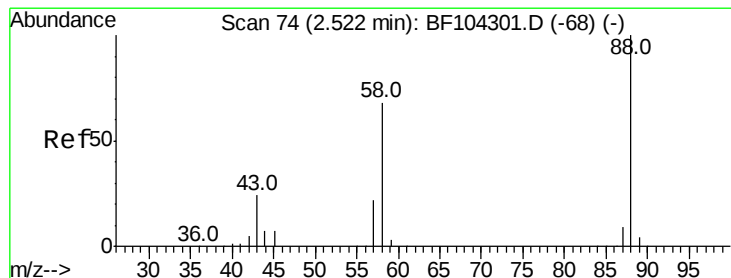
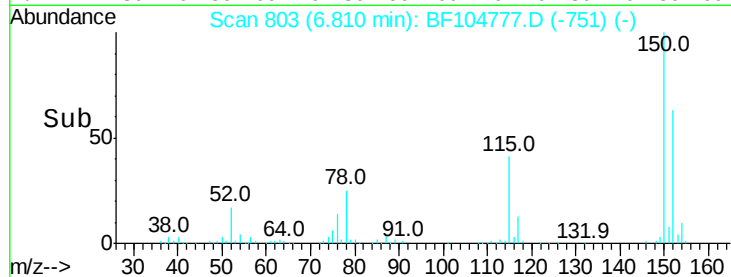
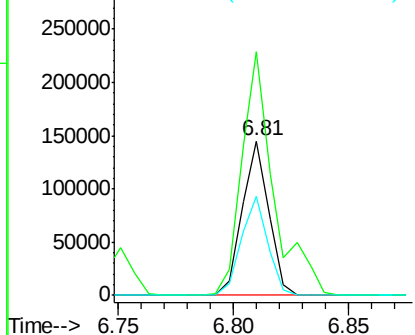
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116572
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 64.0 50.1 75.1



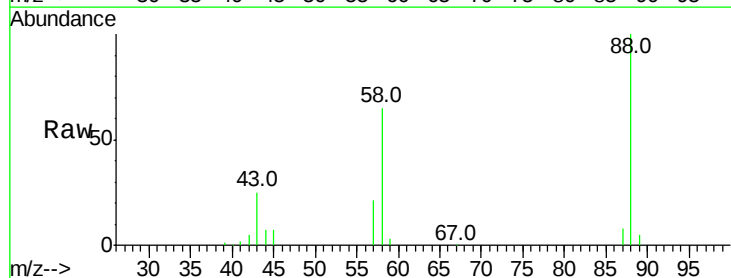
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



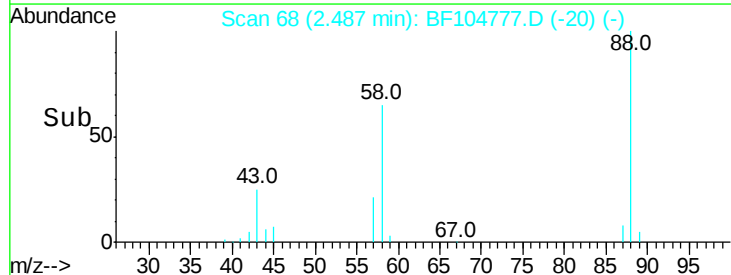
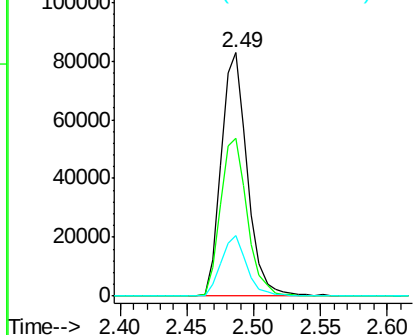
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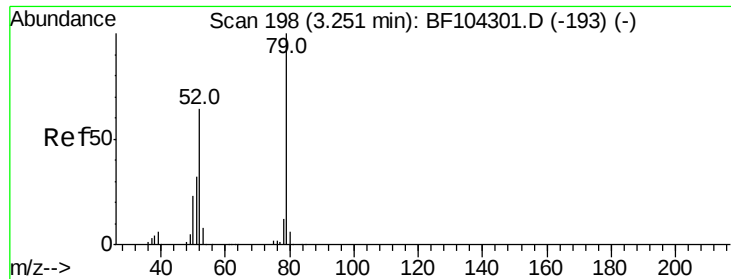
1,4-Dioxane
Concen: 31.967 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion: 88 Resp: 113559
Ion Ratio Lower Upper
88 100
58 66.9 62.6 93.8
43 24.8 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: 31.145 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.02 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

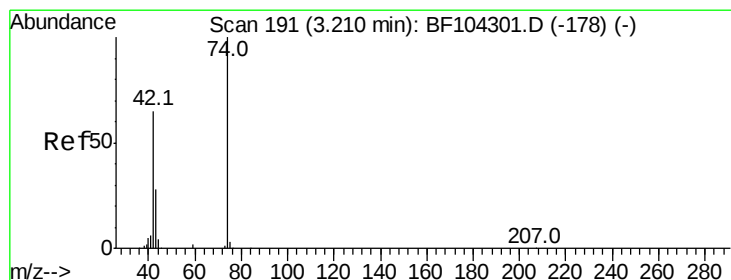
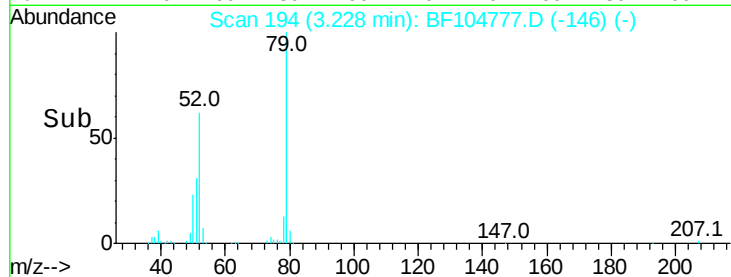
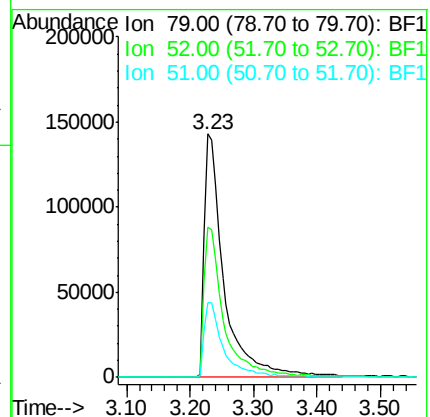
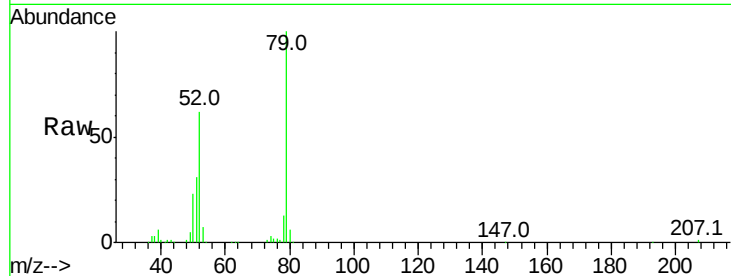
Tot Ion: 79 Resp: 311071

Ion Ratio Lower Upper

79 100

52 61.8 59.8 89.6

51 30.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.962 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

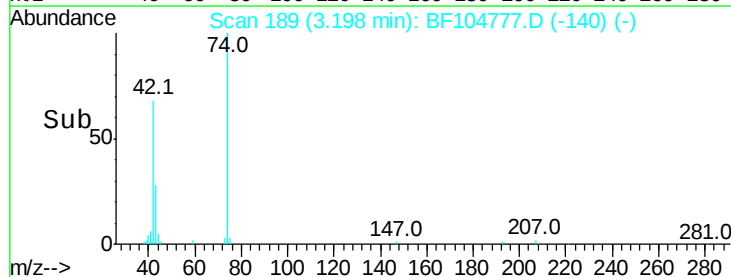
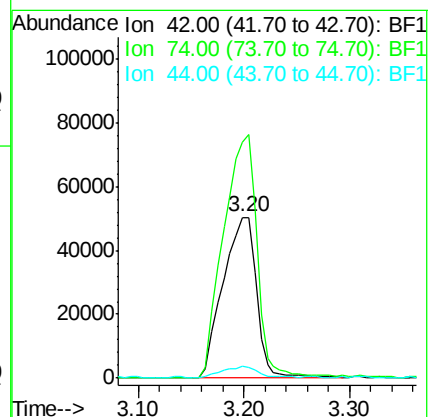
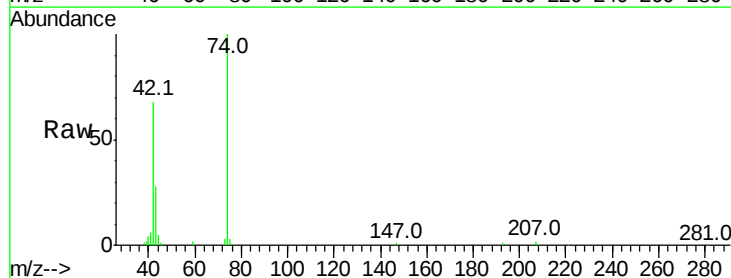
Tgt Ion: 42 Resp: 111591

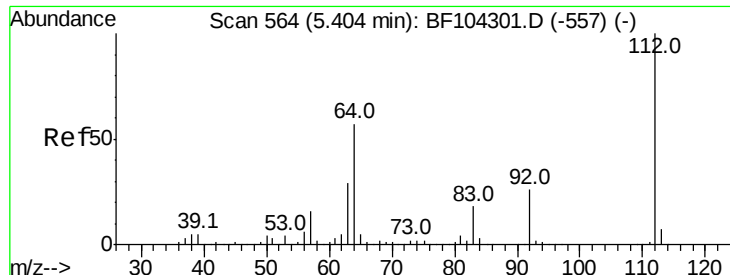
Ion Ratio Lower Upper

42 100

74 146.8 104.9 157.3

44 7.1 6.9 10.3

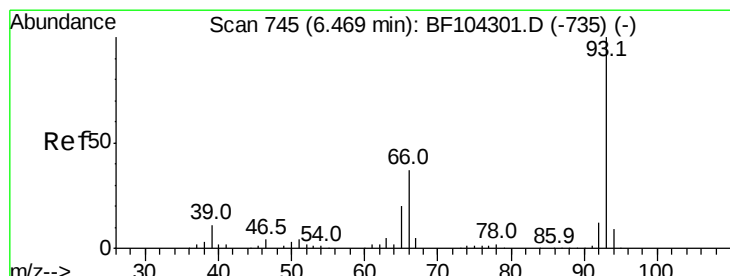
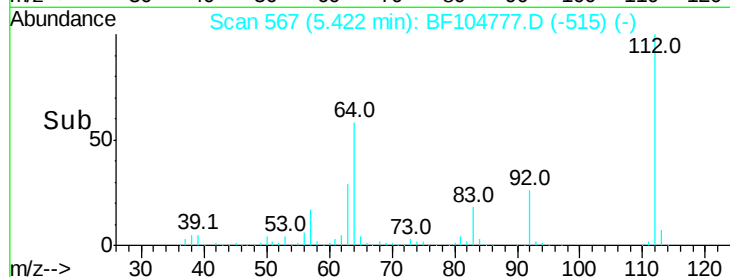
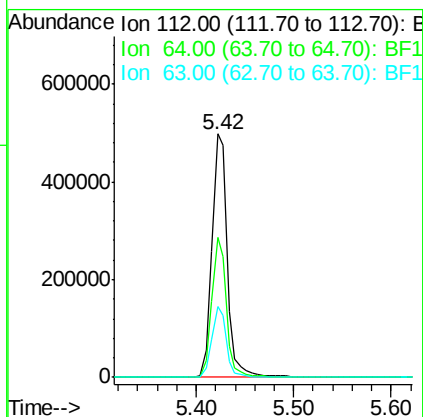
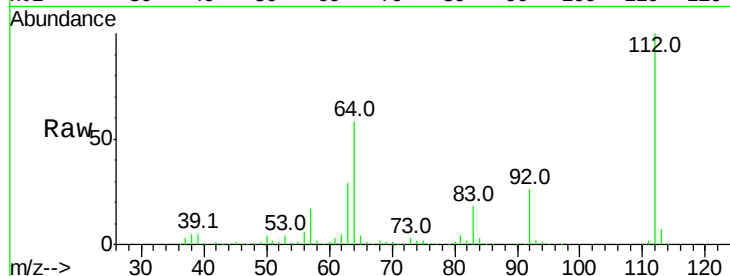




#5
 2-Fluorophenol
 Concen: 71.125 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

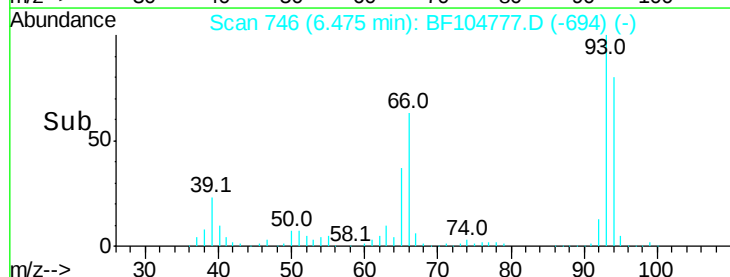
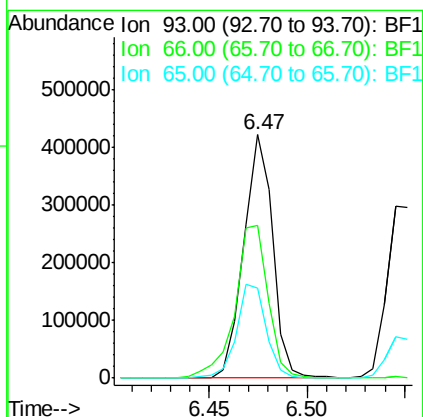
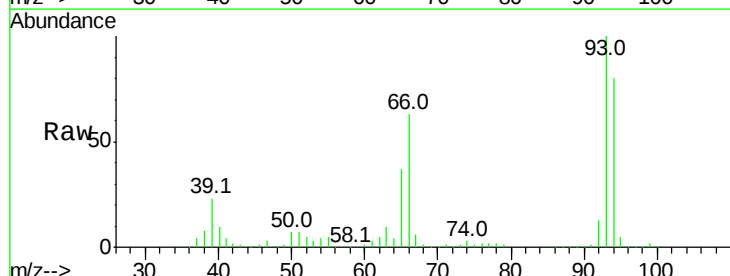
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 112 Resp: 542239
 Ion Ratio Lower Upper
 112 100
 64 57.6 47.9 71.9
 63 29.1 23.7 35.5



#6
 Aniline
 Concen: 33.439 ng
 RT: 6.47 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion: 93 Resp: 435173
 Ion Ratio Lower Upper
 93 100
 66 62.5 32.2 48.2#
 65 36.7 16.4 24.6#





#7

Phenol-d6

Concen: 71.428 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

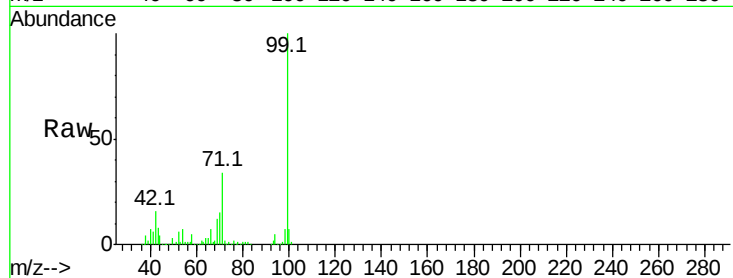
Tot Ion: 99 Resp: 669077

Ion Ratio Lower Upper

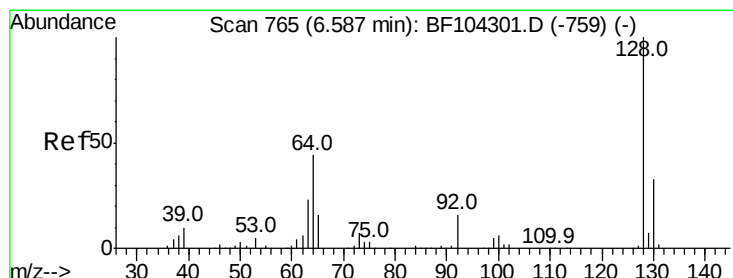
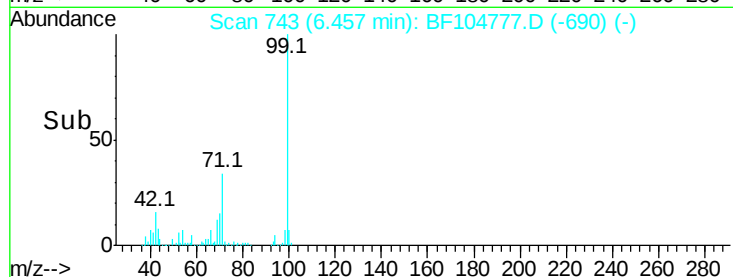
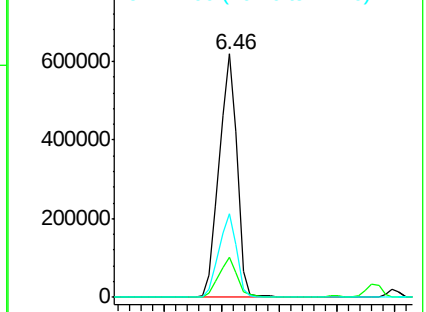
99 100

42 16.4 14.5 21.7

71 34.2 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: 37.653 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

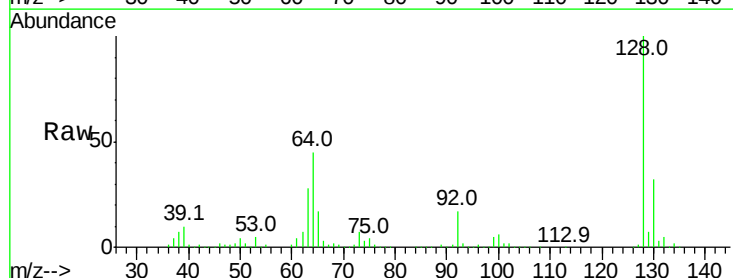
Tgt Ion: 128 Resp: 302983

Ion Ratio Lower Upper

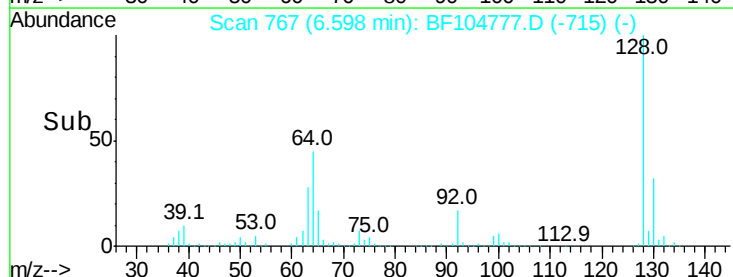
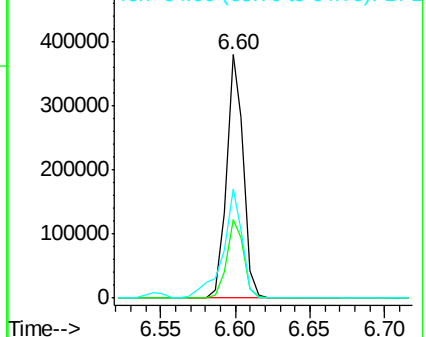
128 100

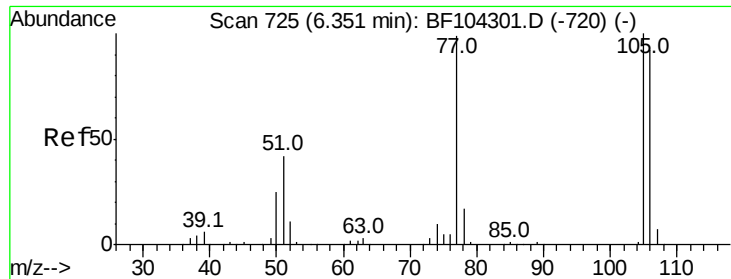
130 32.2 13.0 53.0

64 44.6 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

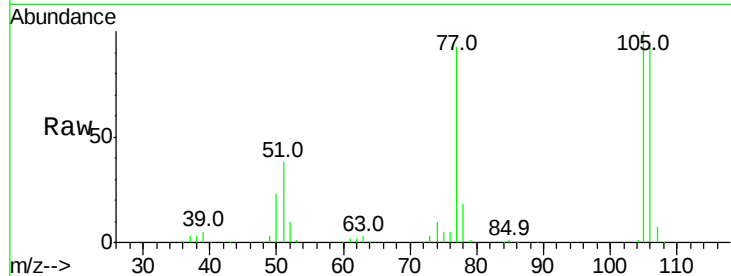




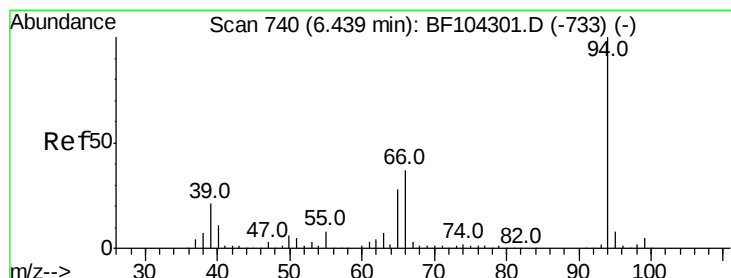
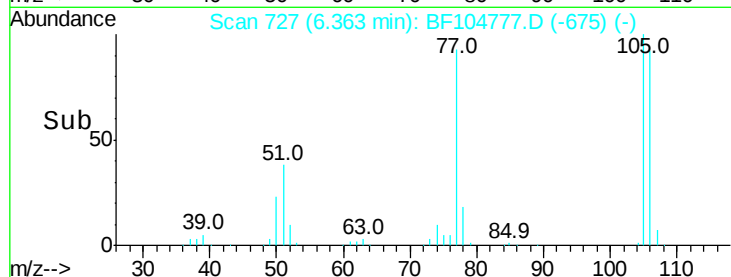
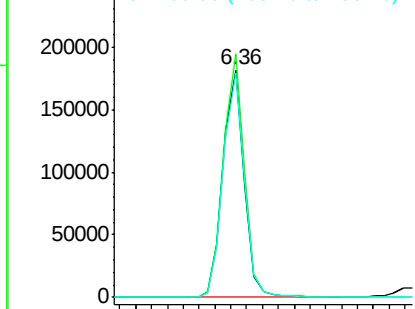
#9
Benzaldehyde
Concen: 33.755 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 168414
Ion Ratio Lower Upper
77 100
105 107.0 81.1 121.1
106 98.7 74.5 114.5

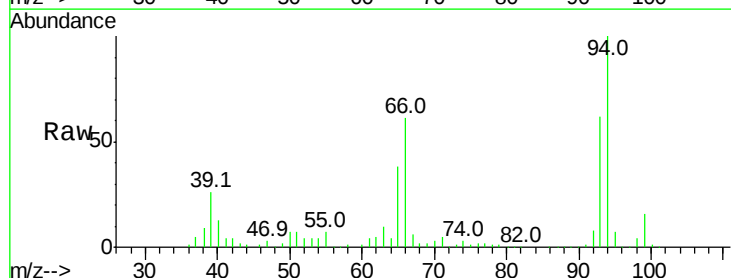


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

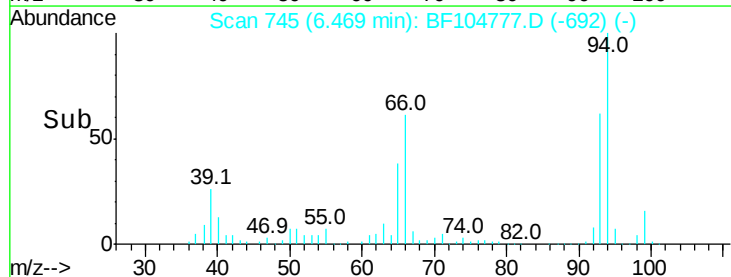
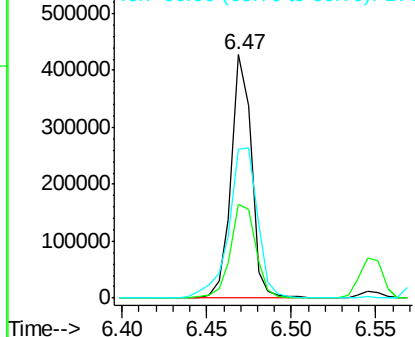


#10
Phenol
Concen: 35.988 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion: 94 Resp: 357685
Ion Ratio Lower Upper
94 100
65 38.3 7.9 47.9
66 61.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.560 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

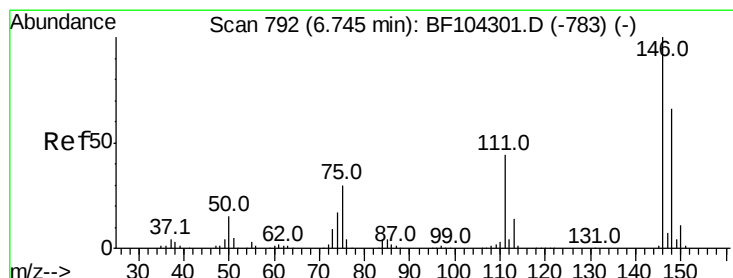
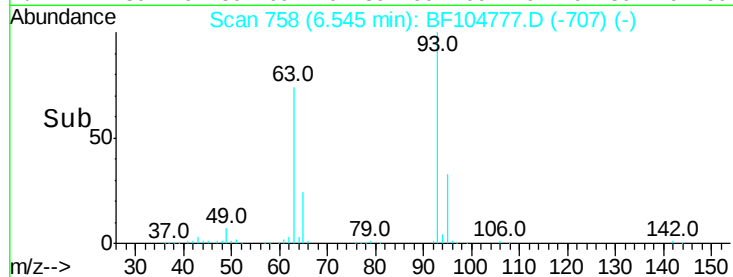
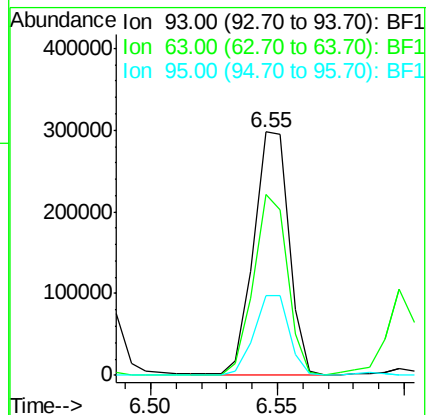
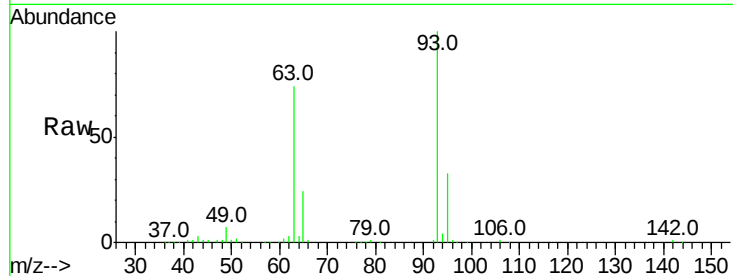
Tot Ion: 93 Resp: 289968

Ion Ratio Lower Upper

93 100

63 74.2 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.097 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

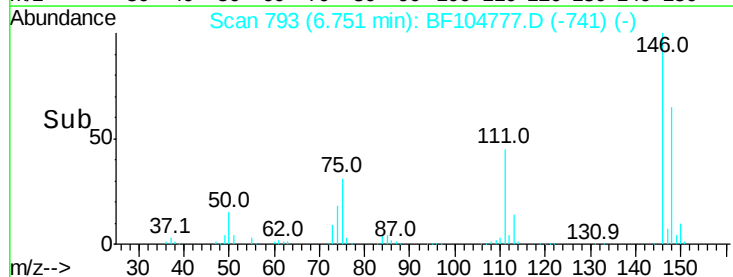
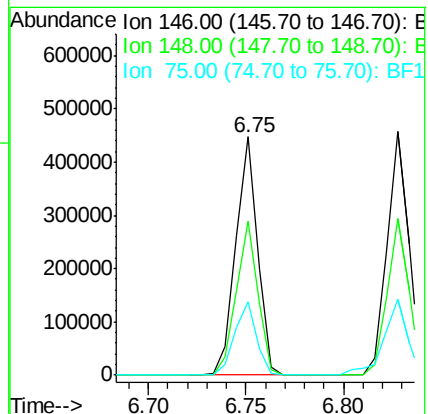
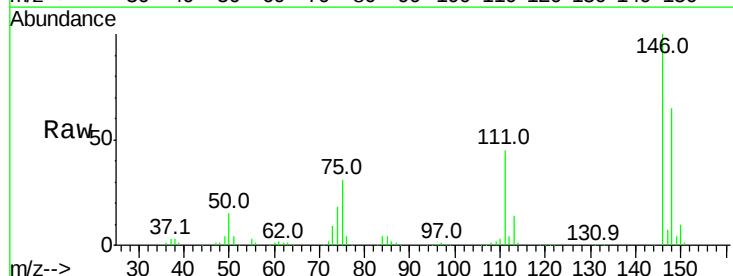
Tgt Ion: 146 Resp: 347295

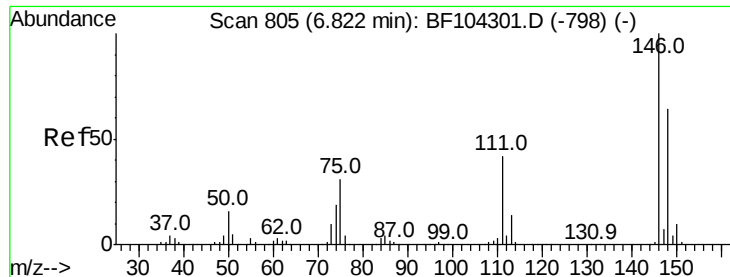
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 30.8 24.2 36.4

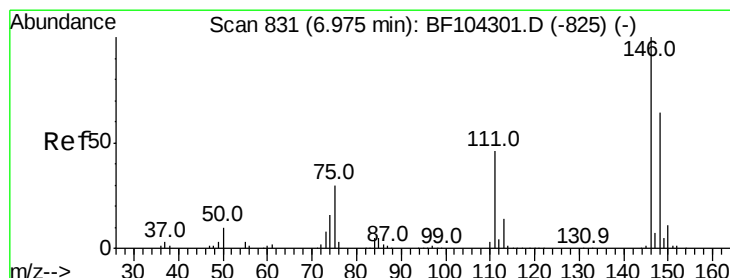
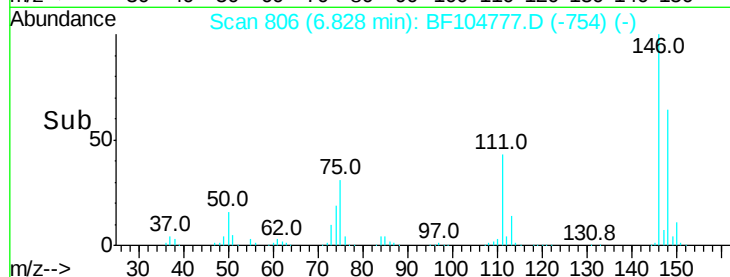
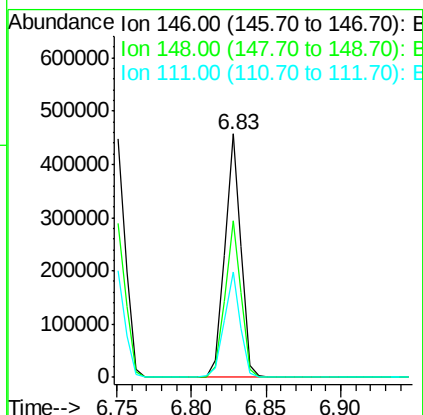
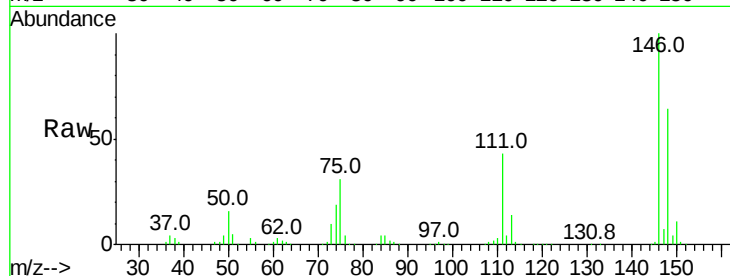




#13
 1,4-Dichlorobenzene
 Concen: 38.629 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

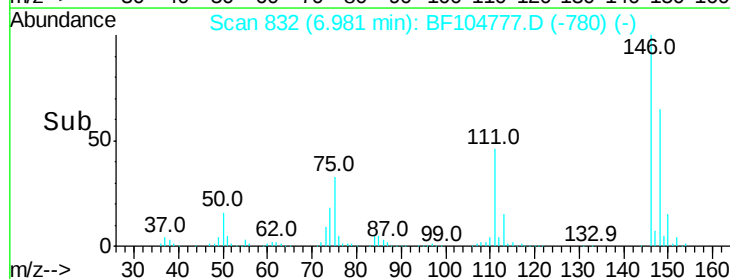
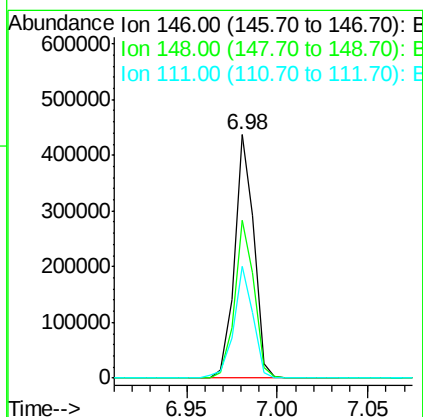
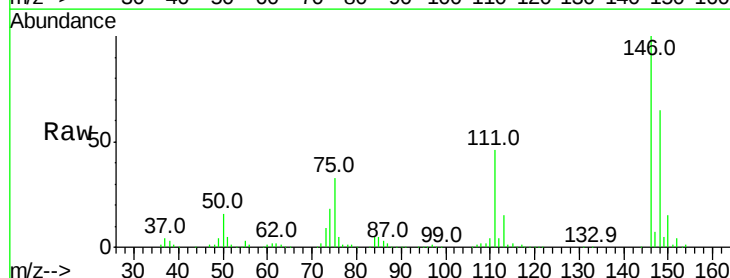
Instrument :
 BNA_F
 ClientSampleId :

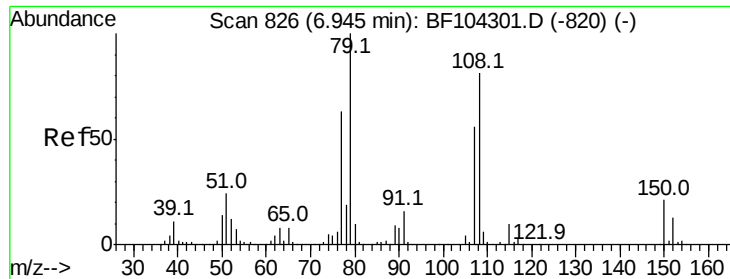
Tot Ion:146 Resp: 351025
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 43.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.571 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion:146 Resp: 324808
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 46.2 36.0 54.0

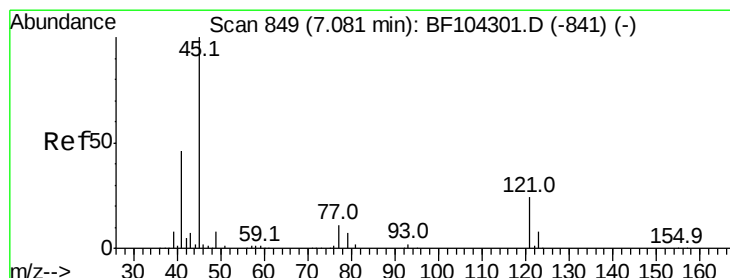
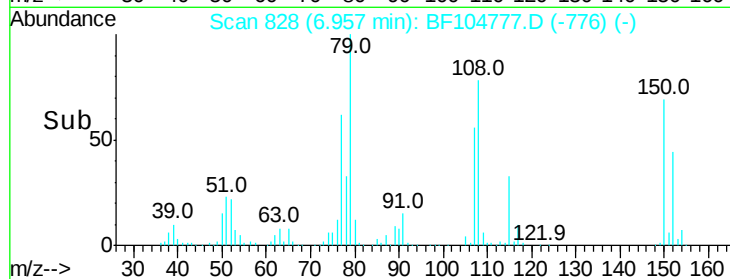
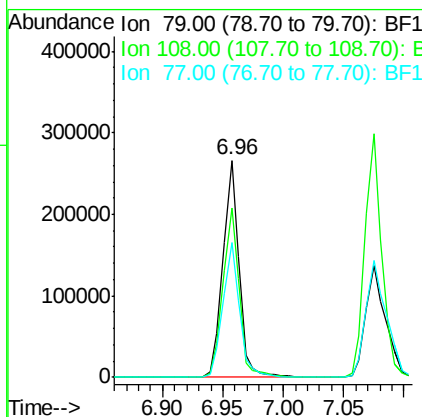
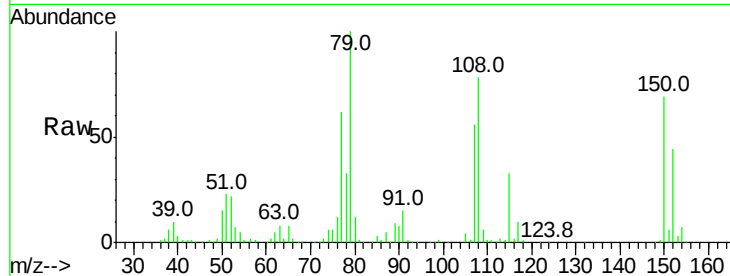




#15
Benzyl Alcohol
Concen: 34.755 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

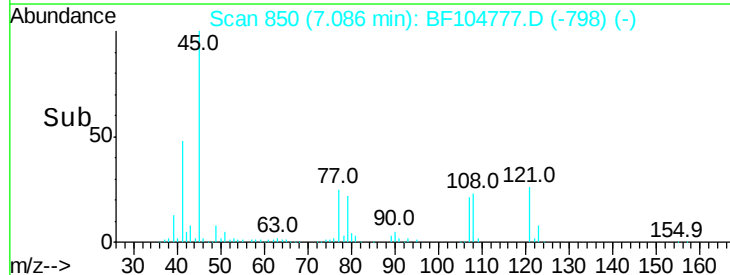
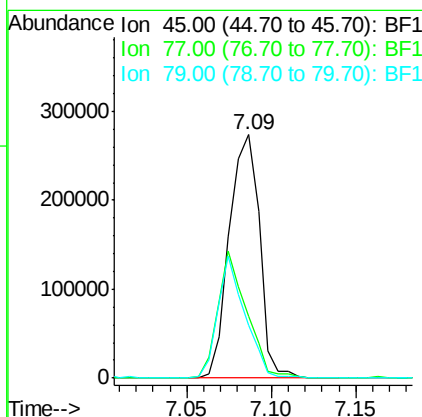
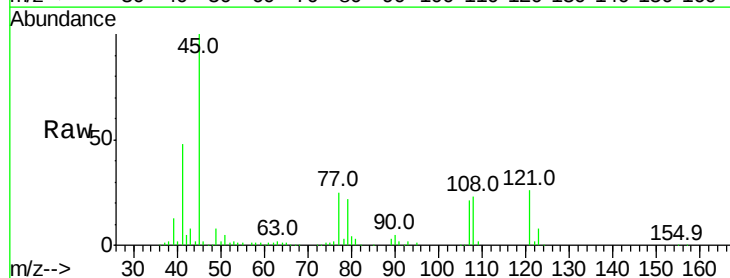
Instrument :
BNA_F
ClientSampleId :

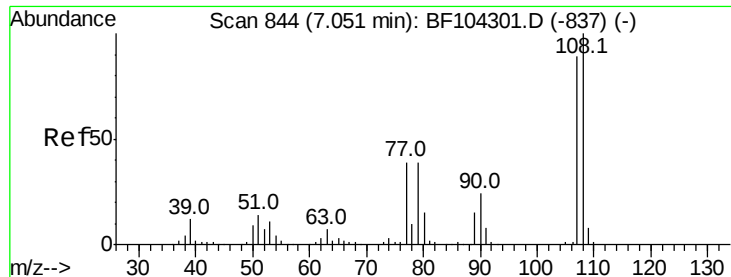
Tot Ion: 79 Resp: 247267
Ion Ratio Lower Upper
79 100
108 78.3 65.1 97.7
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.042 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion: 45 Resp: 341287
Ion Ratio Lower Upper
45 100
77 25.3 0.0 32.9
79 21.7 0.0 29.6





#17

2-Methylphenol

Concen: 36.774 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 257223

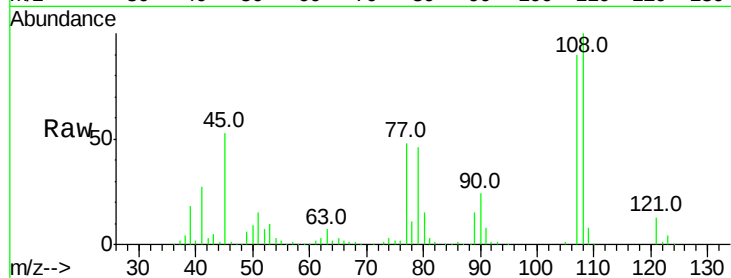
Ion Ratio Lower Upper

107 100

108 110.9 91.7 137.5

77 53.2 33.8 50.8#

79 50.9 33.8 50.8#

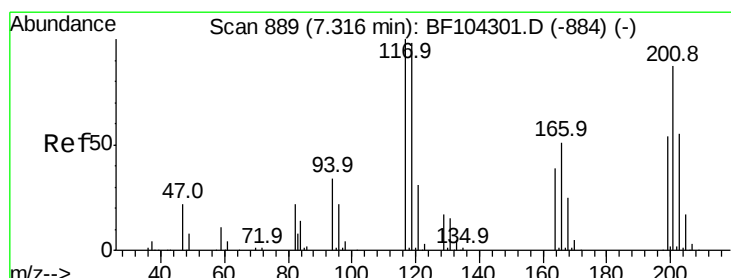
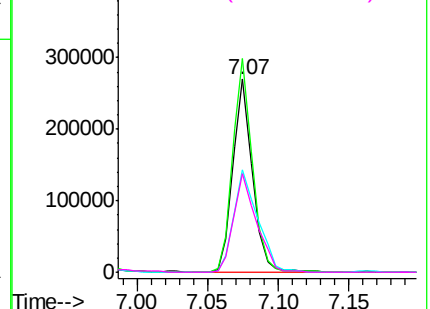
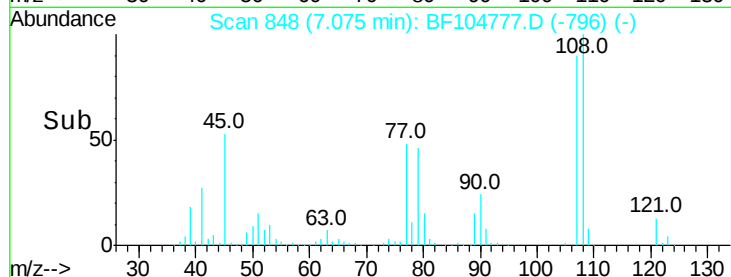


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.626 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

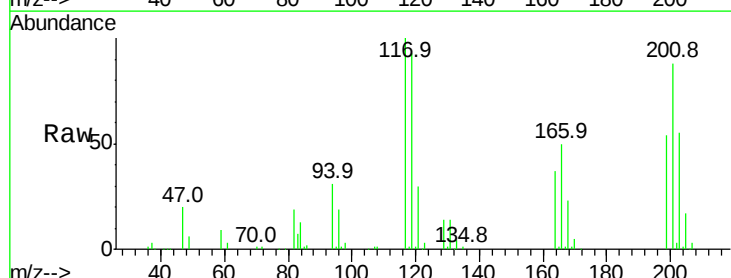
Tgt Ion:117 Resp: 89507

Ion Ratio Lower Upper

117 100

119 93.3 75.8 113.8

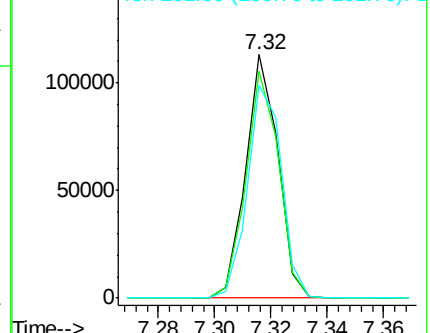
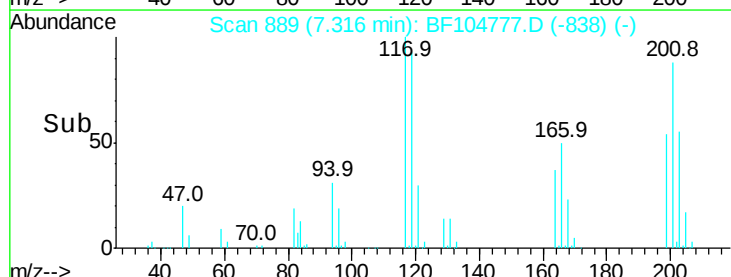
201 87.5 75.7 113.5

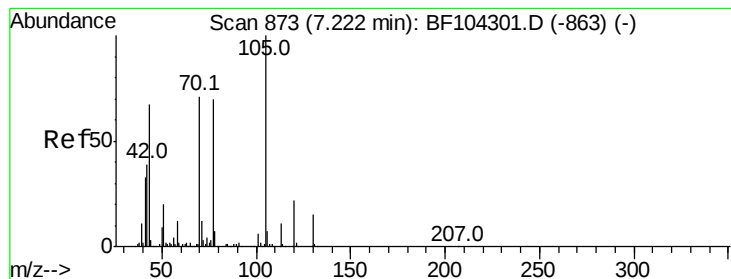


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.739 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

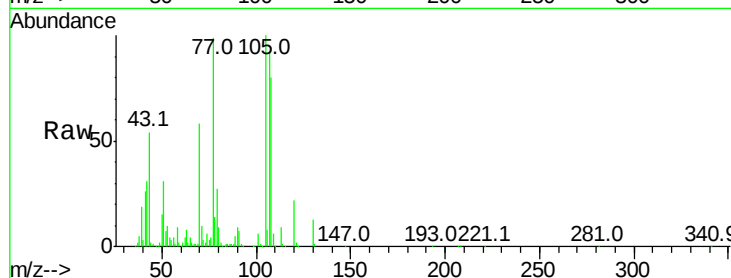
Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 70 Resp: 206516

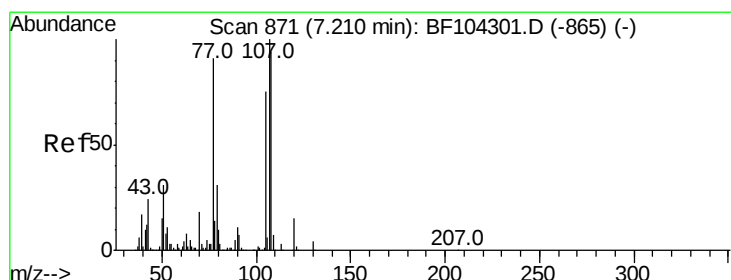
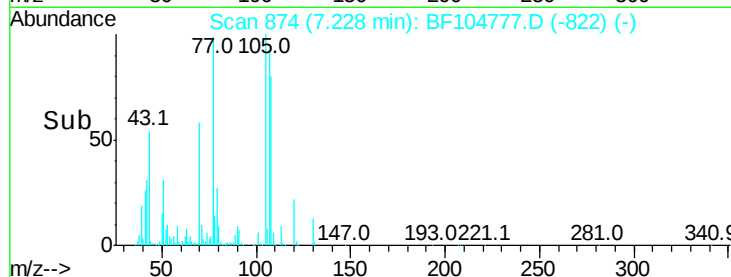
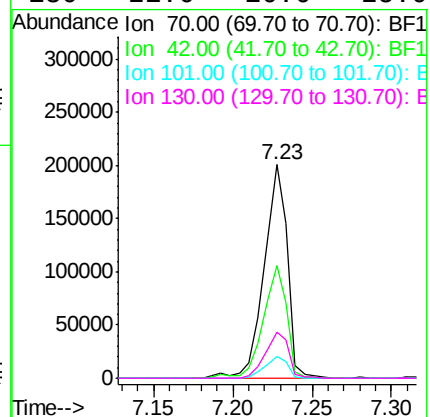
Ion Ratio Lower Upper

70 100

42 52.8 47.5 71.3

101 10.0 7.4 11.2

130 21.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.314 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Tgt Ion:107 Resp: 323699

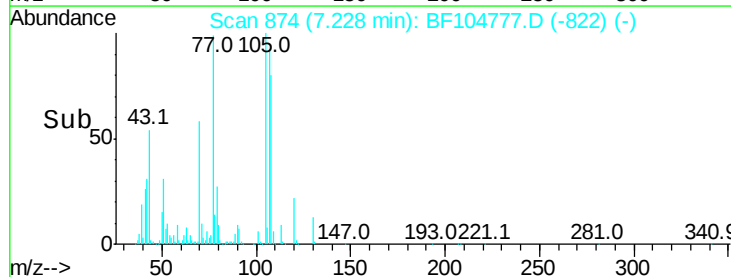
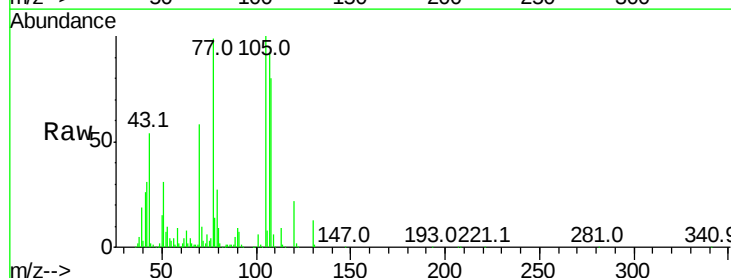
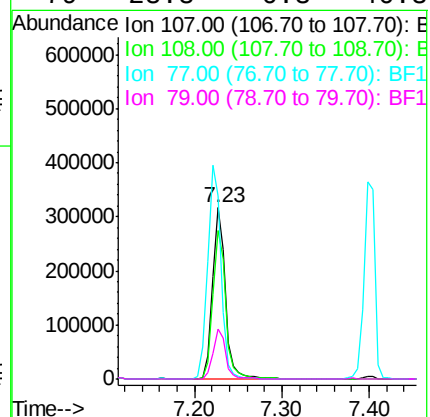
Ion Ratio Lower Upper

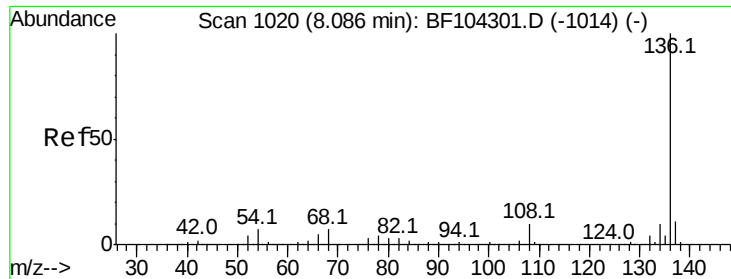
107 100

108 86.9 68.2 108.2

77 106.9 26.7 66.7#

79 28.8 6.3 46.3

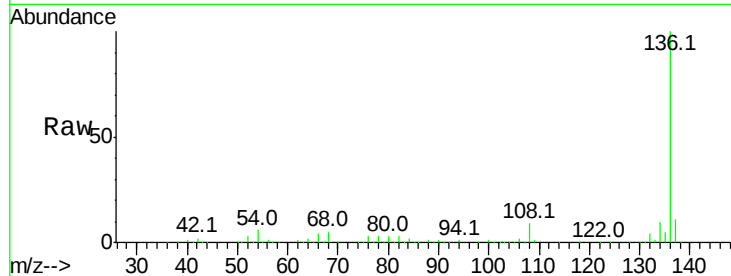




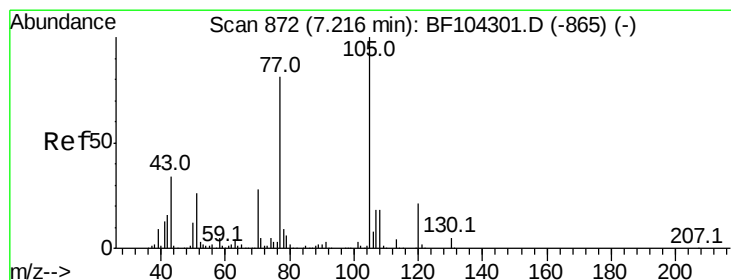
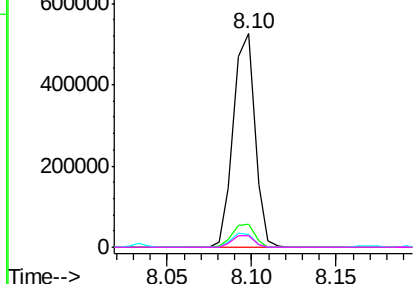
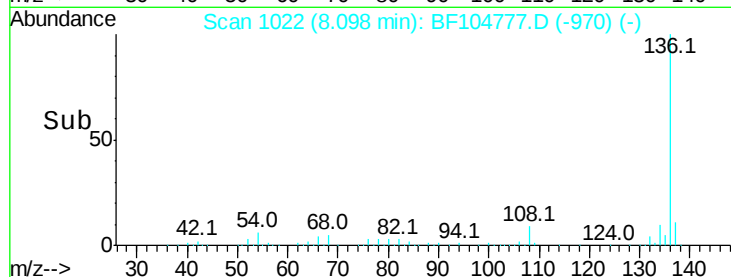
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	469660
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.1	6.6 9.8#
68	5.4	5.0 7.4

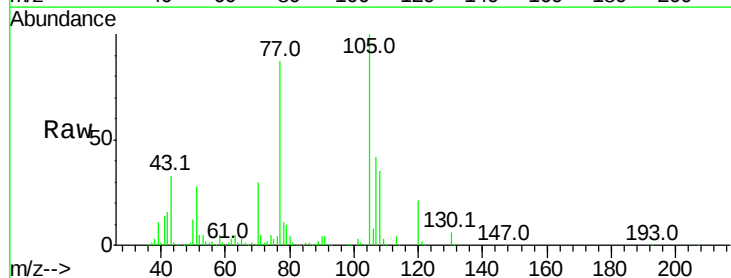


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

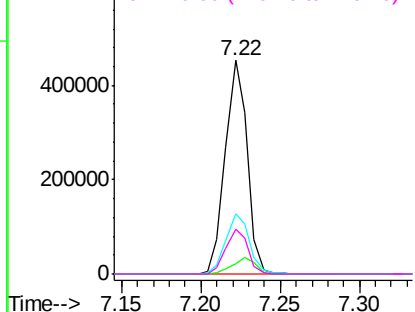
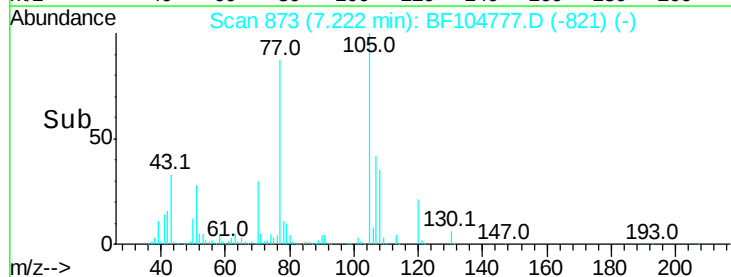


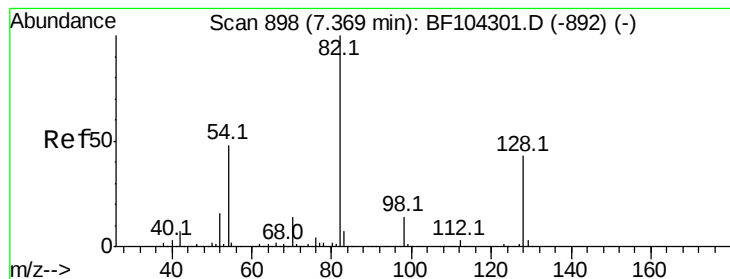
#22
Acetophenone
Concen: 37.865 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion:105	Resp:	437828
Ion Ratio	Lower	Upper
105	100	
71	4.9	4.4 6.6
51	28.0	22.3 33.5
120	20.9	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: 85.687 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

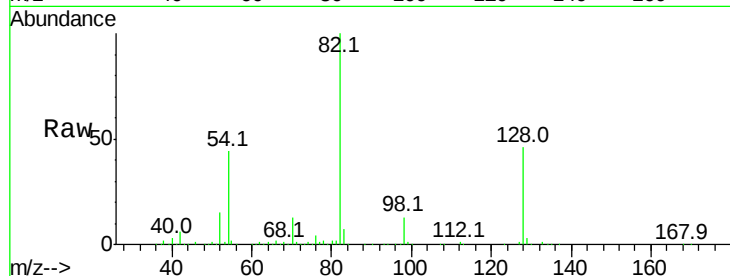
Tot Ion: 82 Resp: 616306

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

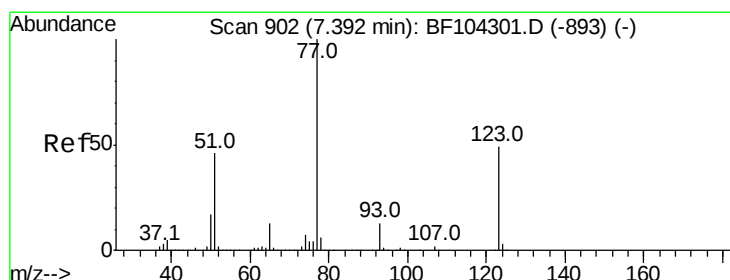
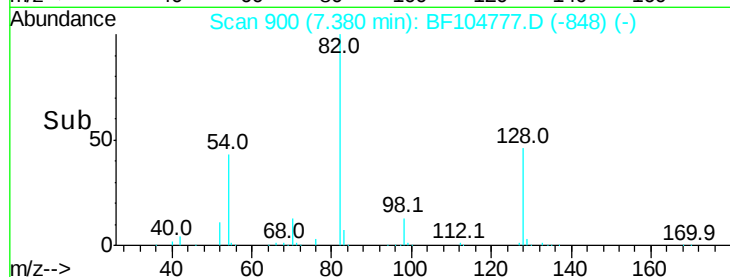
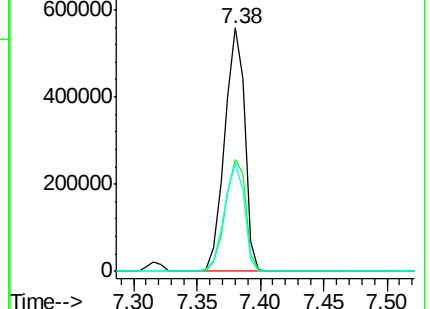
54 44.4 41.4 62.2



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: 40.250 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

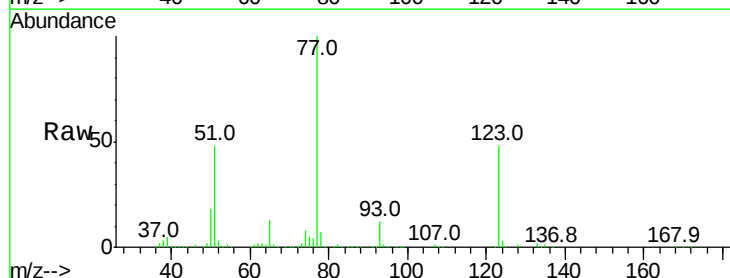
Tgt Ion: 77 Resp: 319626

Ion Ratio Lower Upper

77 100

123 47.5 37.9 56.9

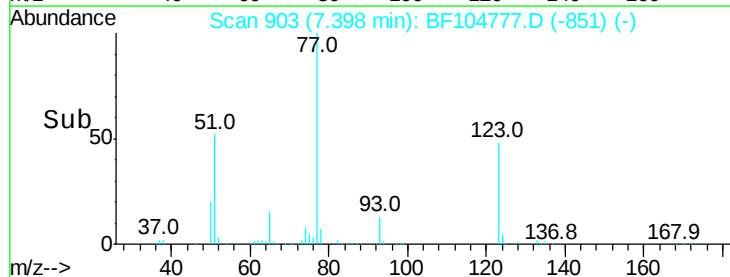
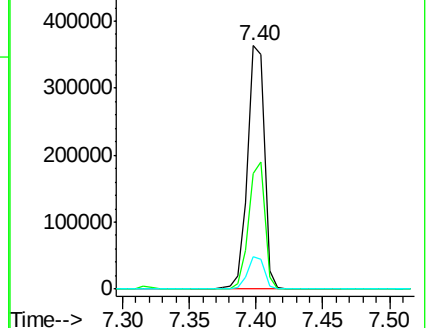
65 13.2 11.0 16.4

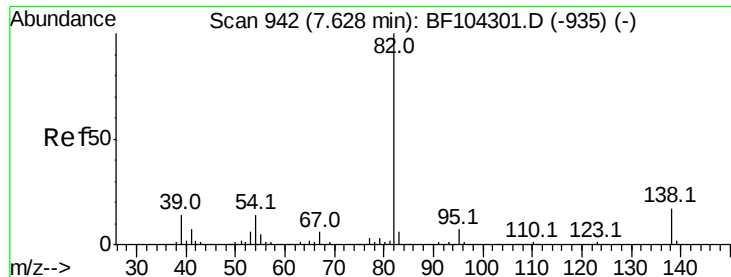


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.361 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

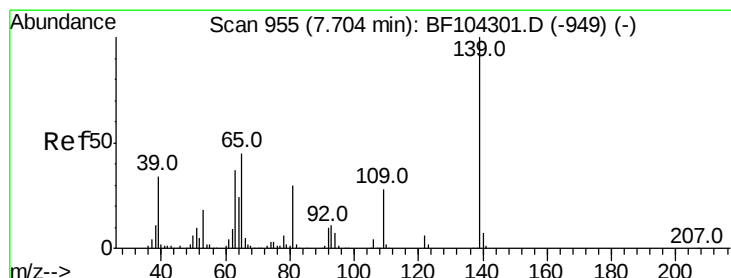
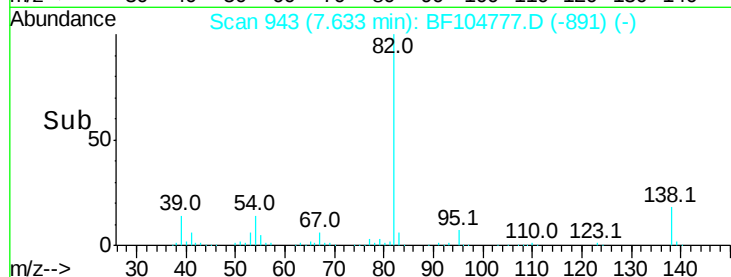
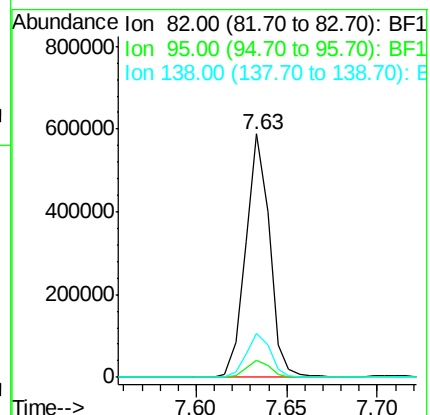
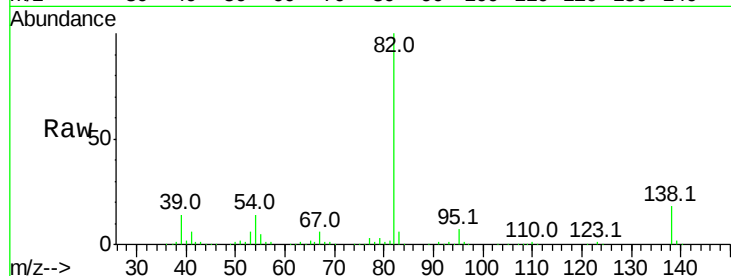
Tot Ion: 82 Resp: 537833

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 38.805 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

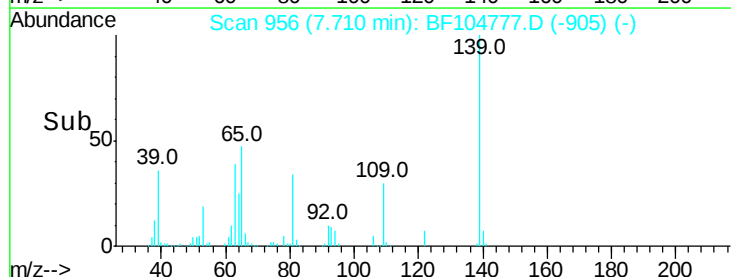
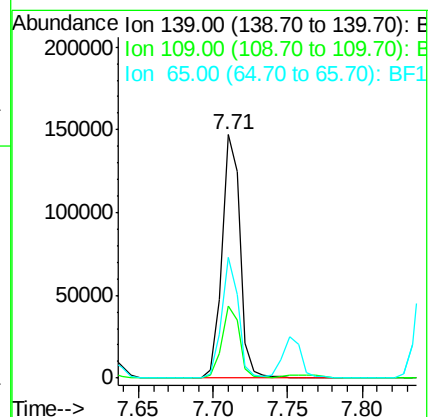
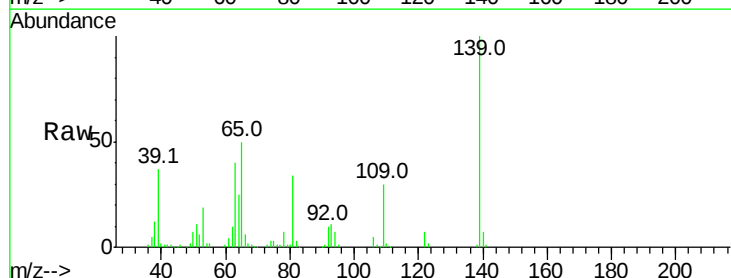
Tgt Ion: 139 Resp: 125451

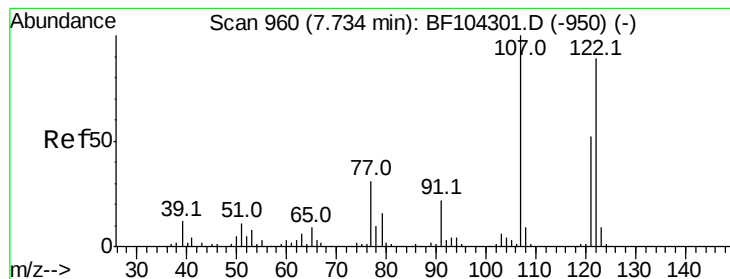
Ion Ratio Lower Upper

139 100

109 29.7 22.7 34.1

65 49.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 34.895 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

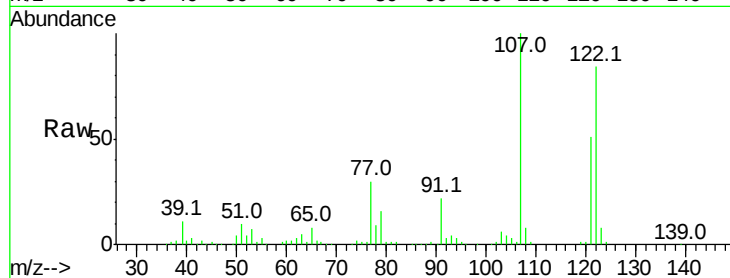
Tot Ion:122 Resp: 234232

Ion Ratio Lower Upper

122 100

107 118.6 91.2 136.8

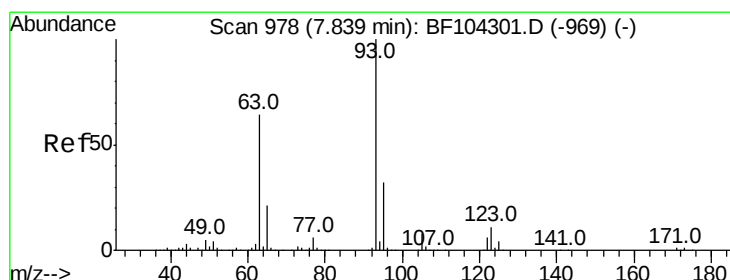
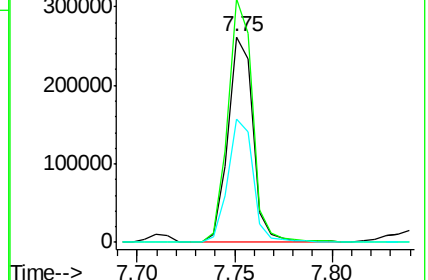
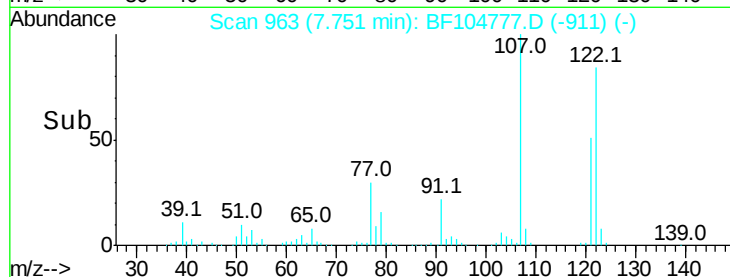
121 60.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.005 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

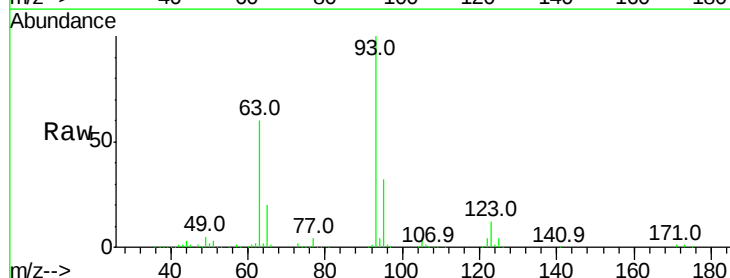
Tgt Ion: 93 Resp: 344125

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

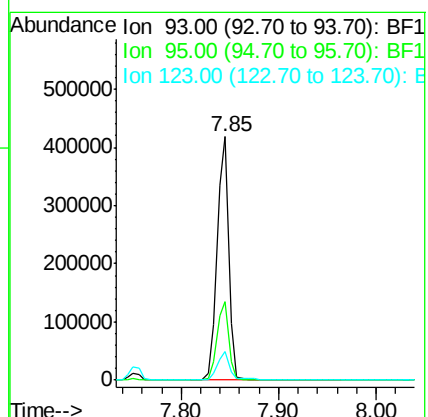
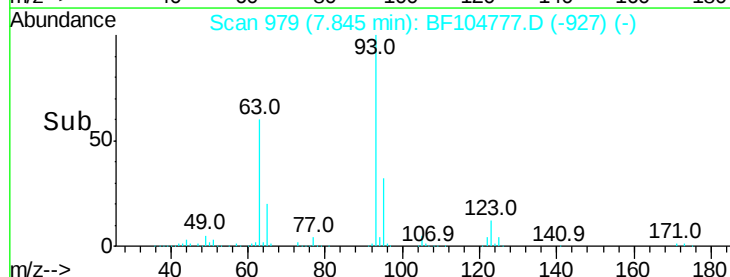
123 11.5 9.8 14.6

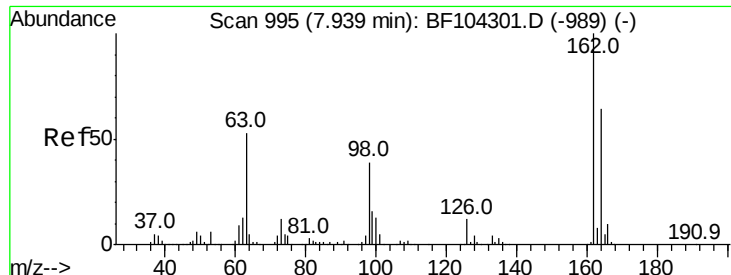


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.486 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

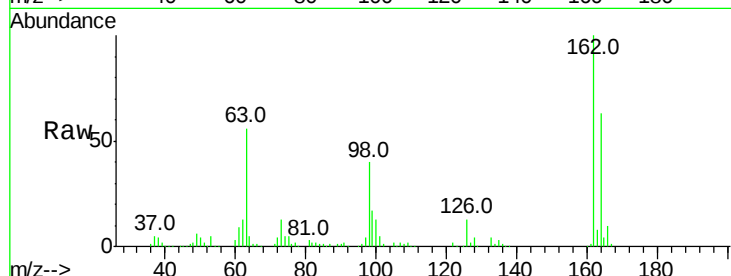
Tot Ion:162 Resp: 240089

Ion Ratio Lower Upper

162 100

164 63.0 42.7 82.7

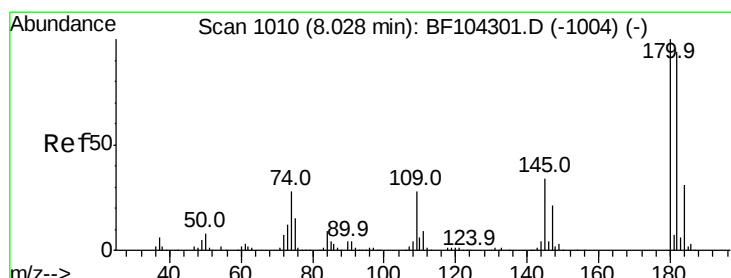
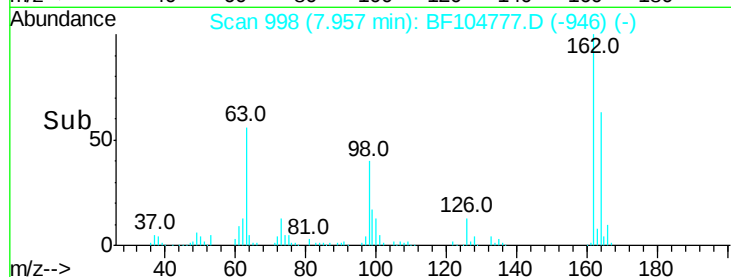
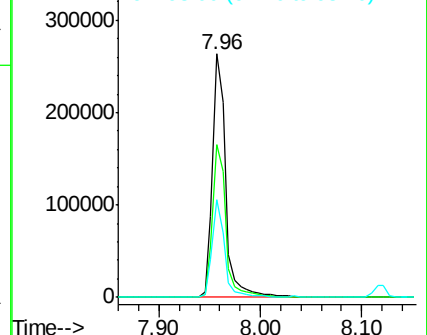
98 40.1 18.1 58.1



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: 39.209 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

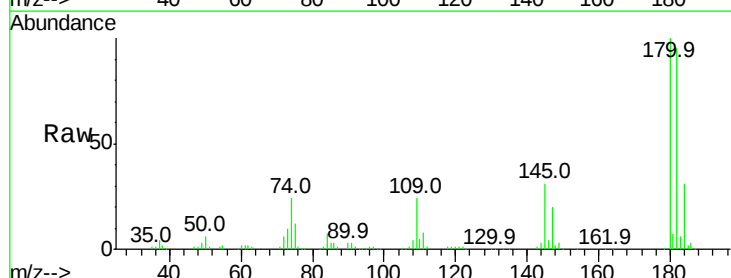
Tgt Ion:180 Resp: 275598

Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

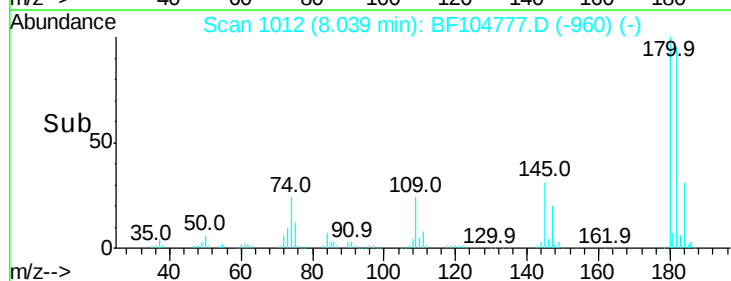
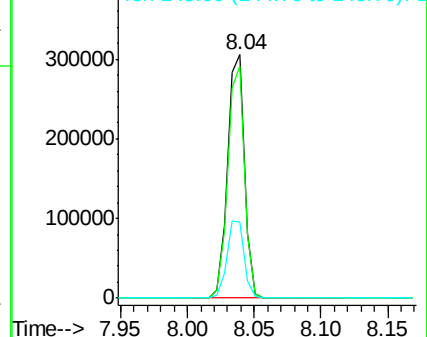
145 31.5 26.5 39.7

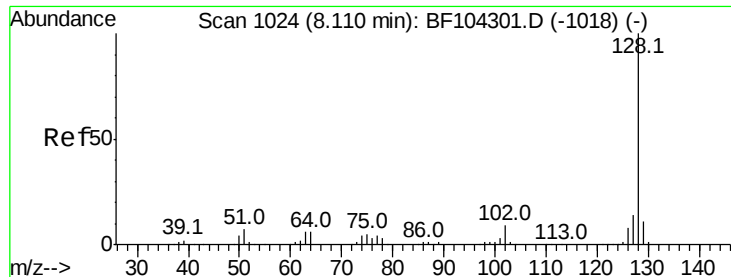


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.568 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

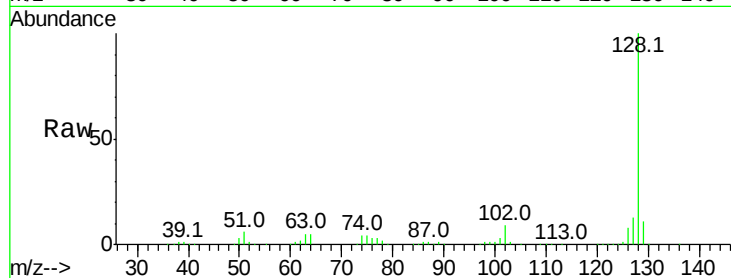
Tot Ion:128 Resp: 878575

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

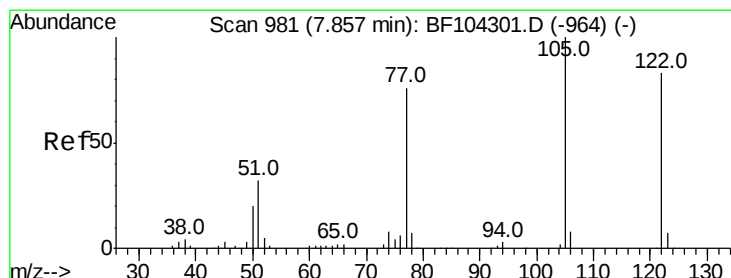
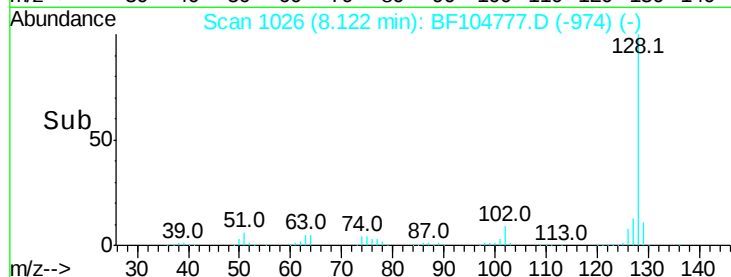
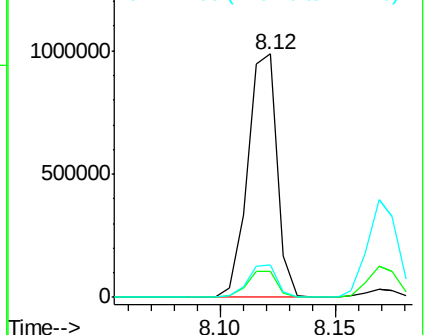
127 13.5 10.9 16.3



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: 15.685 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

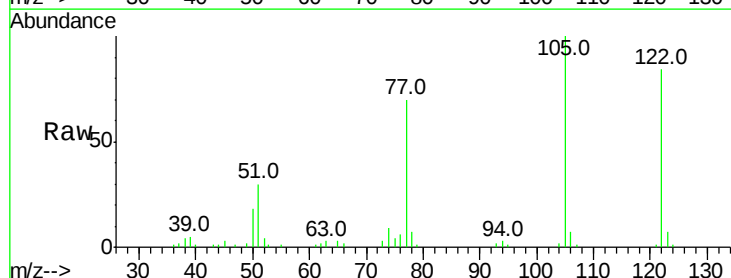
Tgt Ion:122 Resp: 84007

Ion Ratio Lower Upper

122 100

105 119.0 101.1 141.1

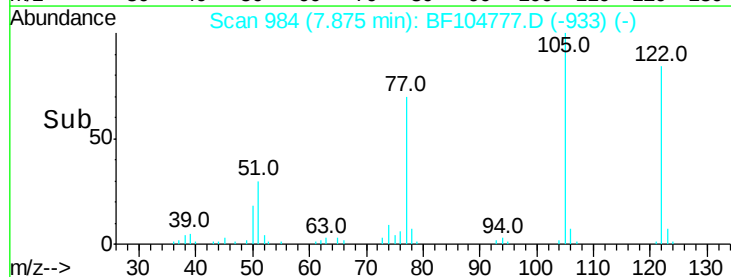
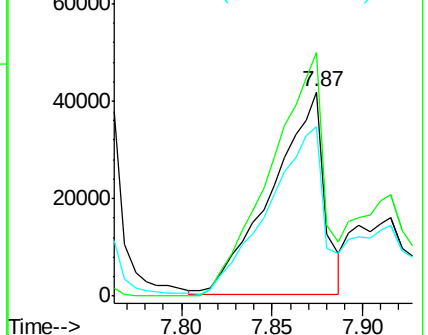
77 82.9 70.7 110.7

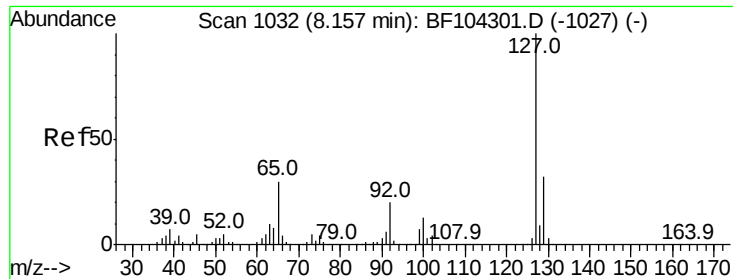


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

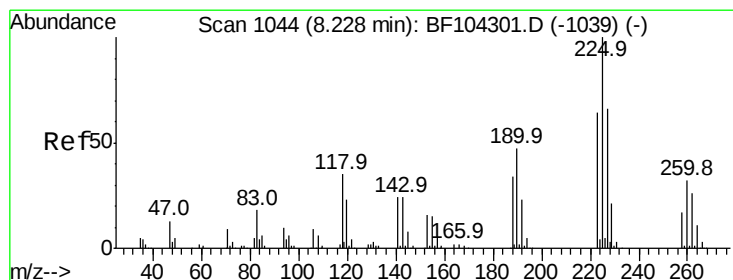
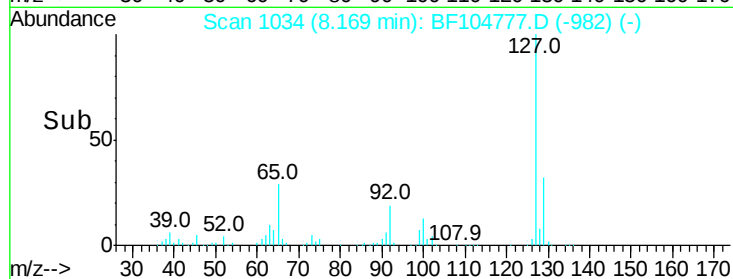
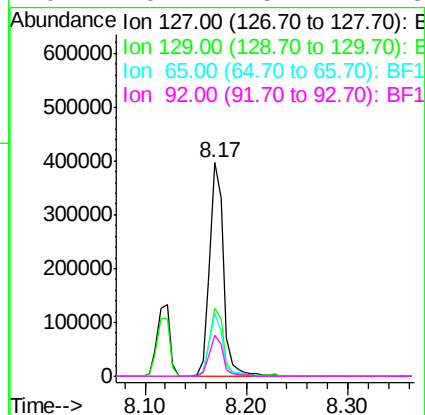
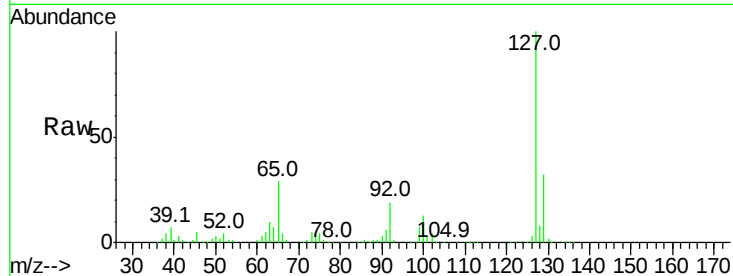




#33
4-Chloroaniline
Concen: 37.601 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

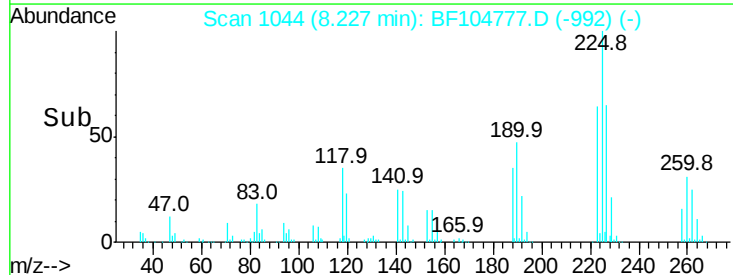
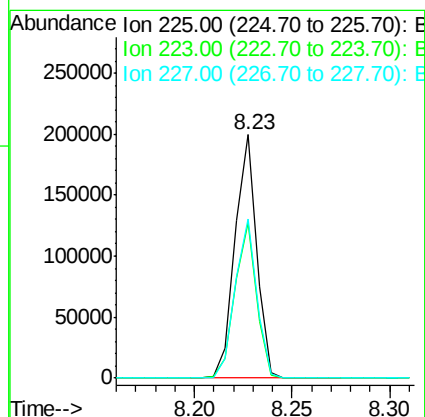
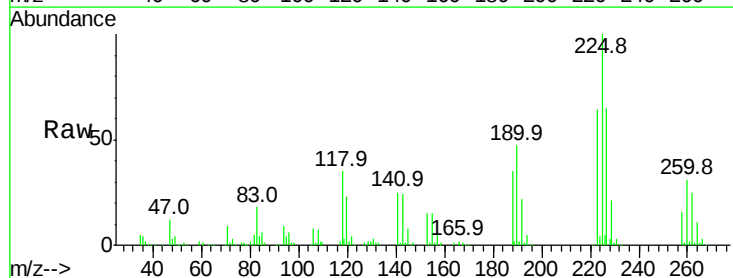
Instrument :
BNA_F
ClientSampleId :

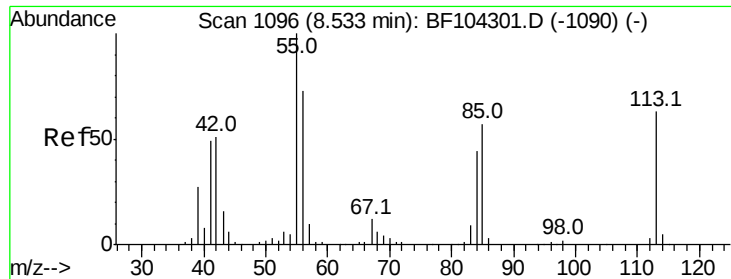
Tot Ion:	127	Resp:	376732
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	29.4	25.0	37.4
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.019 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion:	225	Resp:	154076
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.3	51.9	77.9

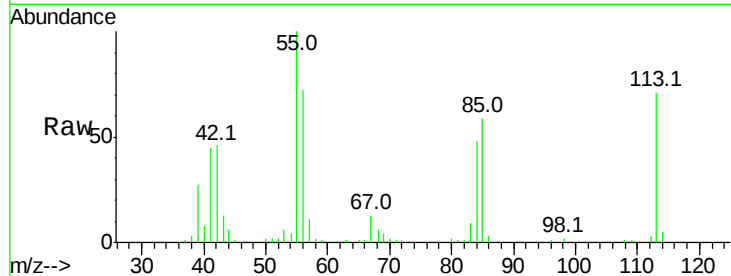




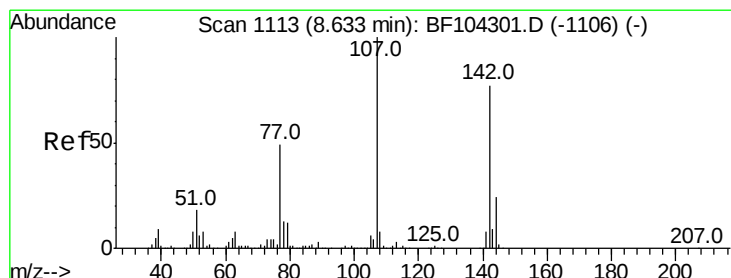
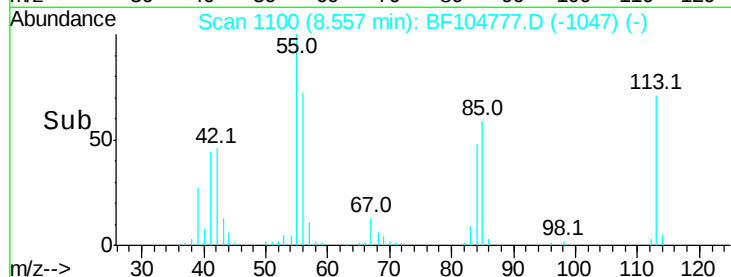
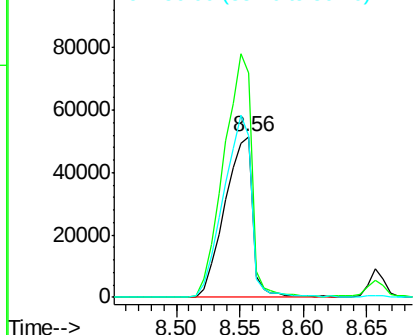
#35
 Caprolactam
 Concen: 34.982 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 78159
 Ion Ratio Lower Upper
 113 100
 55 140.2 163.3 203.3#
 56 100.5 115.7 155.7#

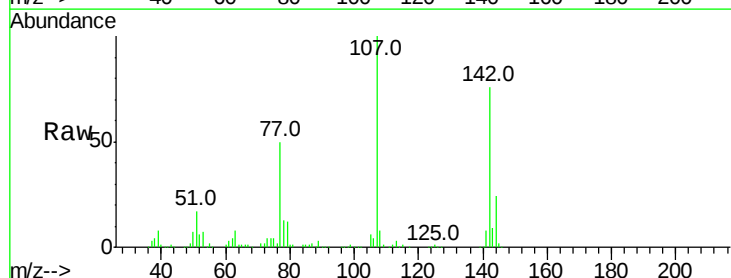


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

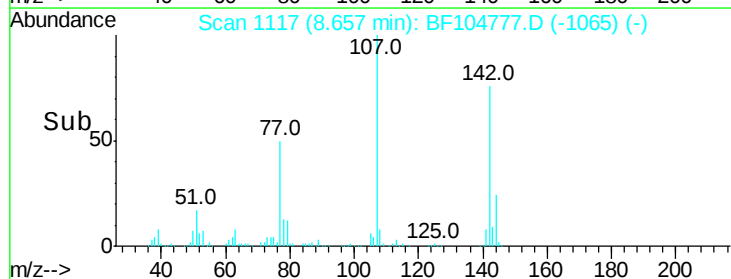
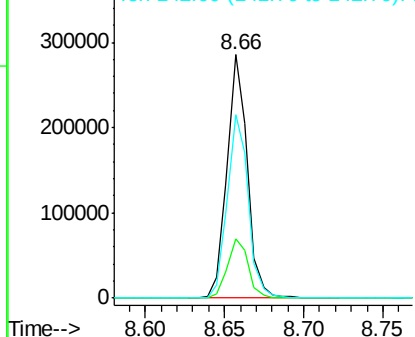


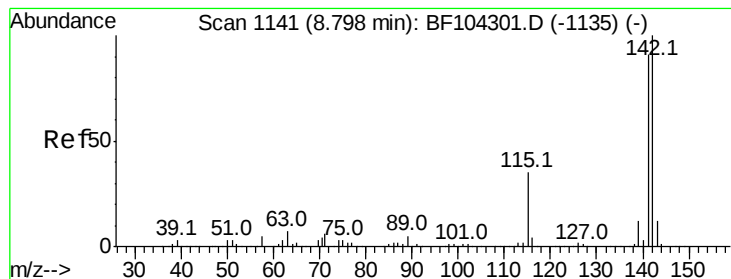
#36
 4-Chloro-3-methylphenol
 Concen: 37.040 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion:107 Resp: 254375
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.5 30.7
 142 75.5 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

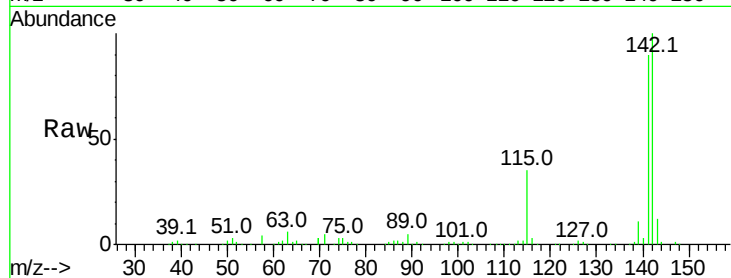




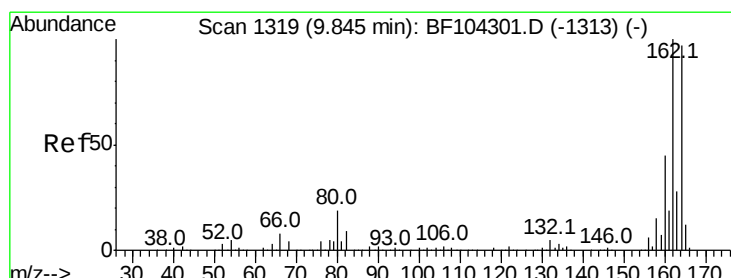
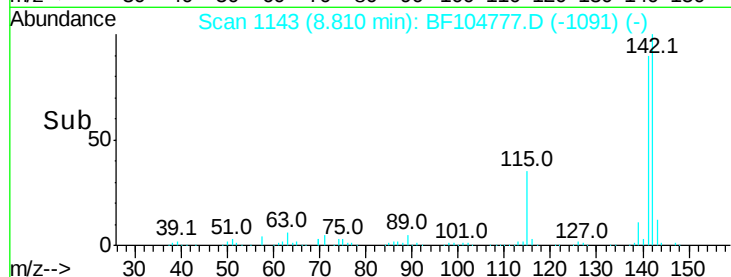
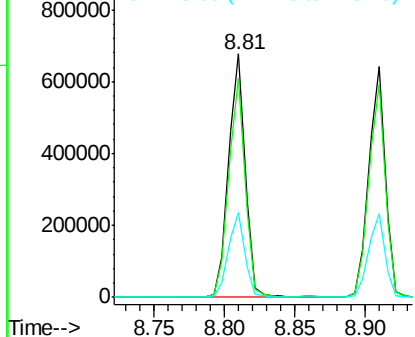
#37
2-Methylnaphthalene
Concen: 36.669 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	35.0	26.1	39.1

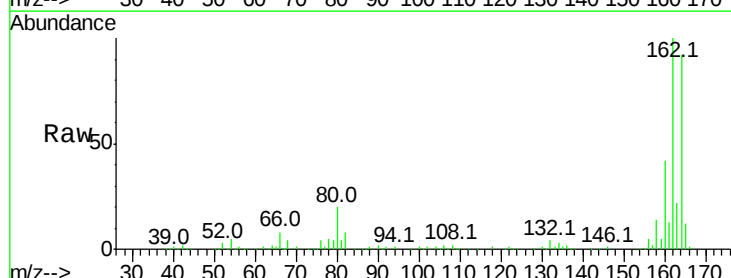


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

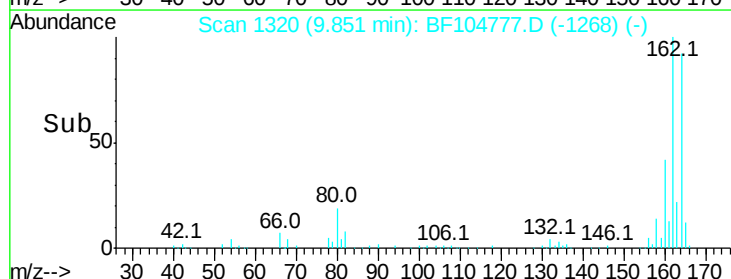
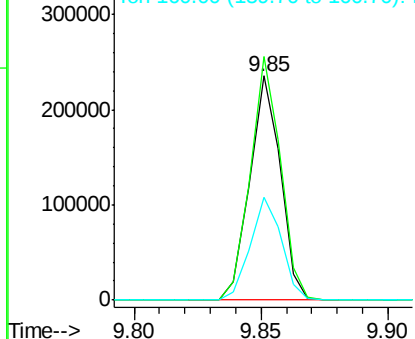


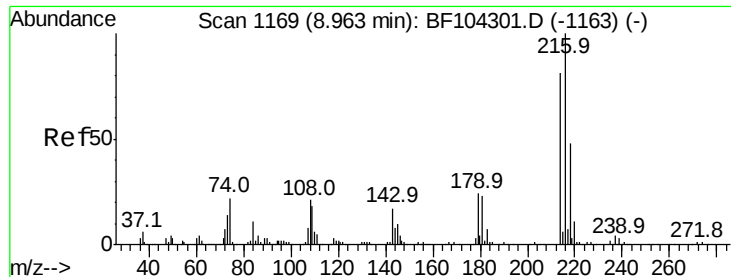
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	86.1	129.1
160	46.0	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.290 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 245404

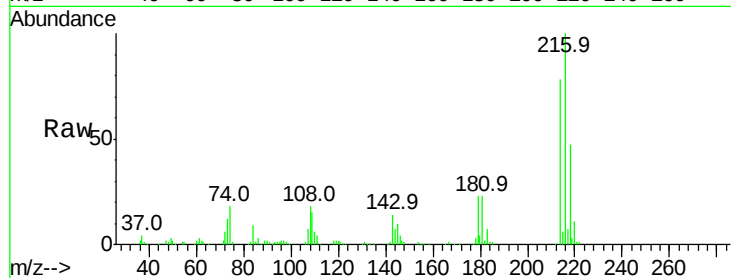
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 22.5 18.1 27.1

108 18.6 17.2 25.8

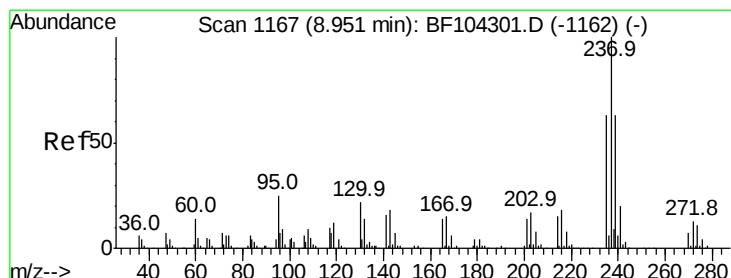
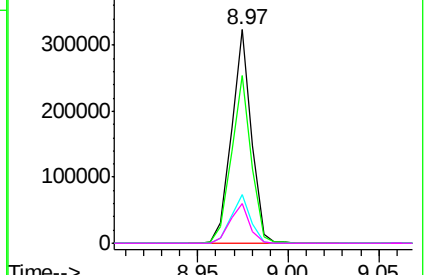
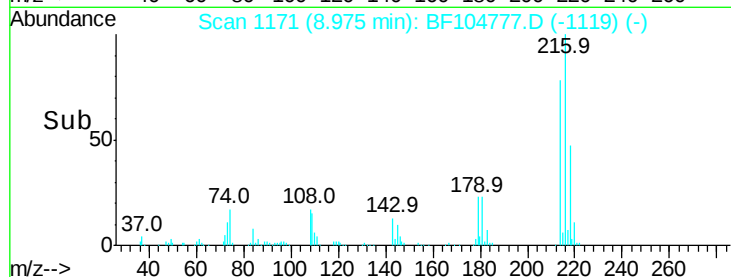


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.014 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

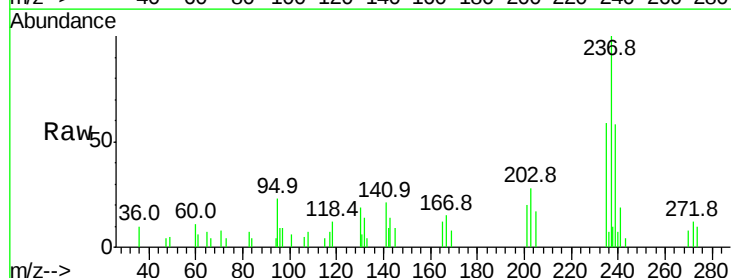
Tgt Ion:237 Resp: 6392

Ion Ratio Lower Upper

237 100

235 59.4 44.8 84.8

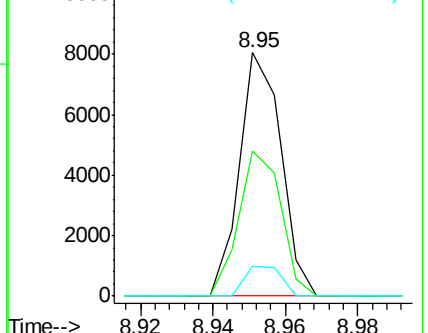
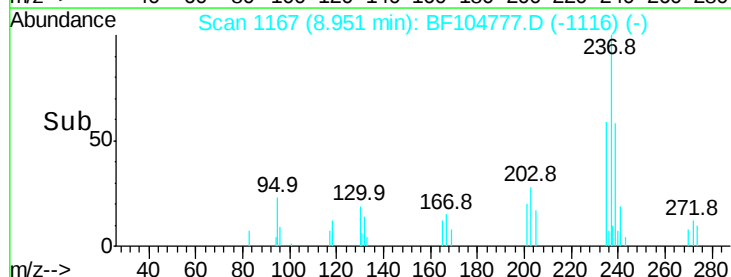
272 12.4 0.0 33.3

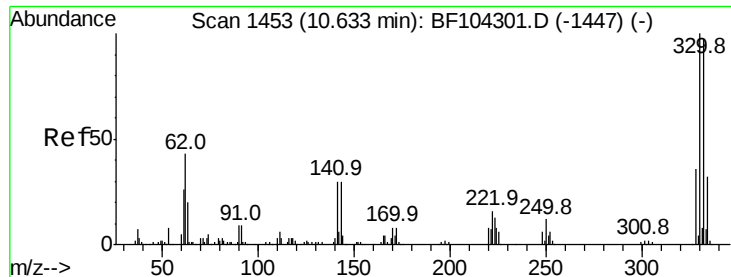


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

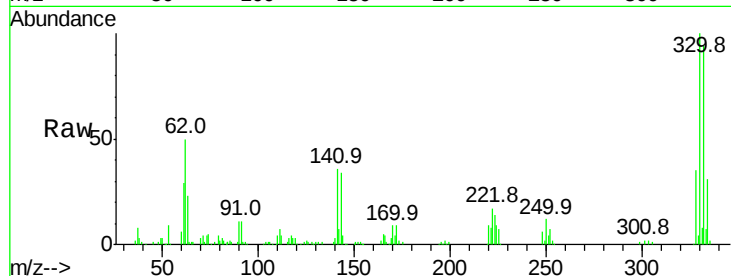




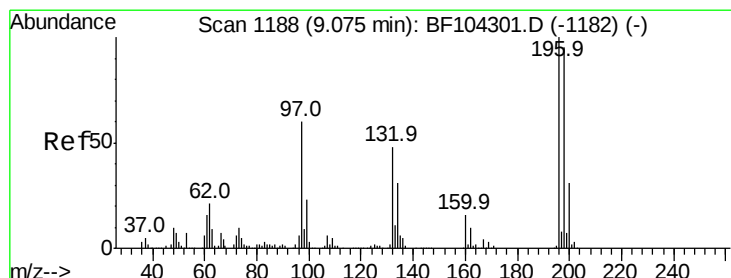
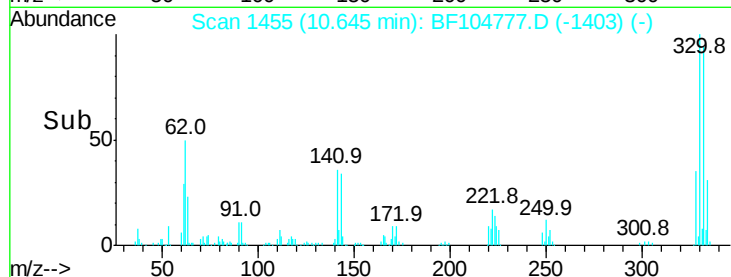
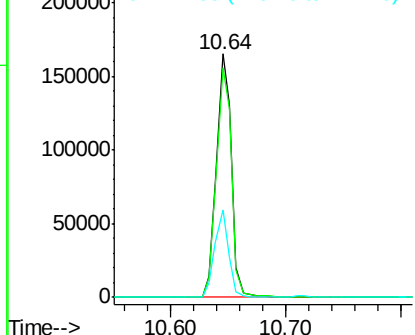
#41
 2,4,6-Tribromophenol
 Concen: 71.951 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 147806
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.4 29.9 44.9

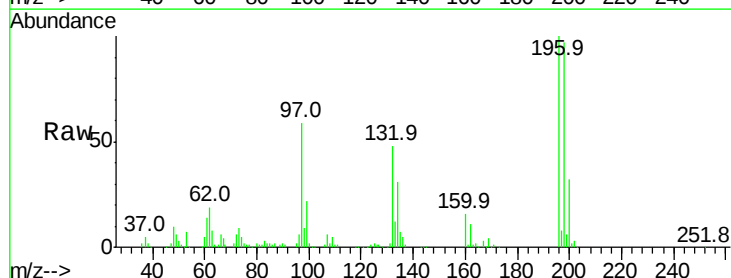


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

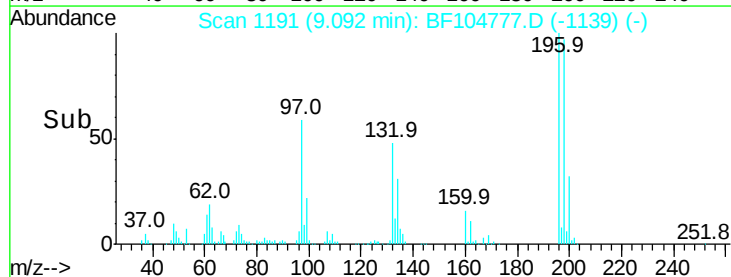
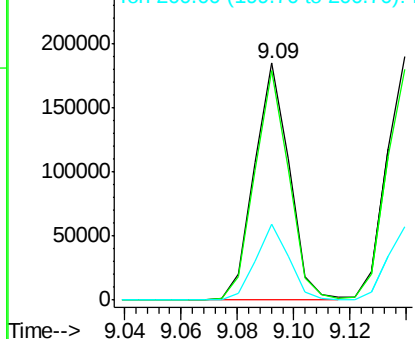


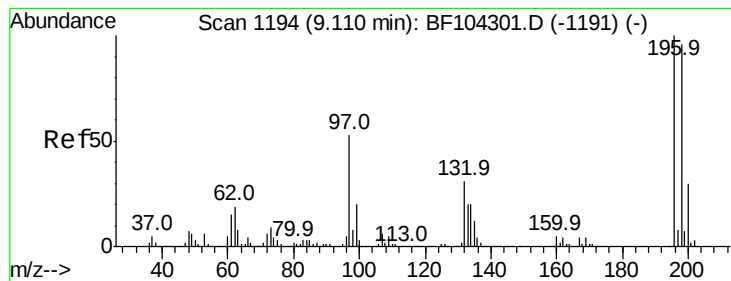
#42
 2,4,6-Trichlorophenol
 Concen: 40.182 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion:196 Resp: 158125
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 200 31.8 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: 39.213 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 172683

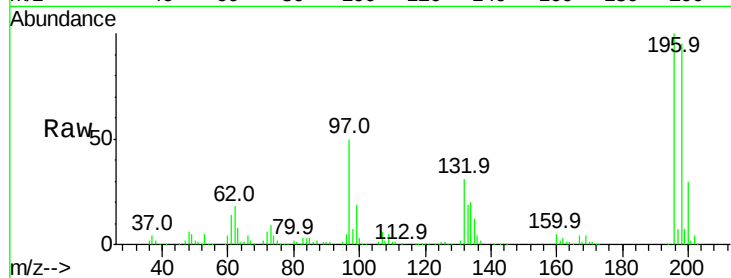
Ion Ratio Lower Upper

196 100

198 94.8 74.6 112.0

97 49.6 42.9 64.3

132 30.6 26.3 39.5

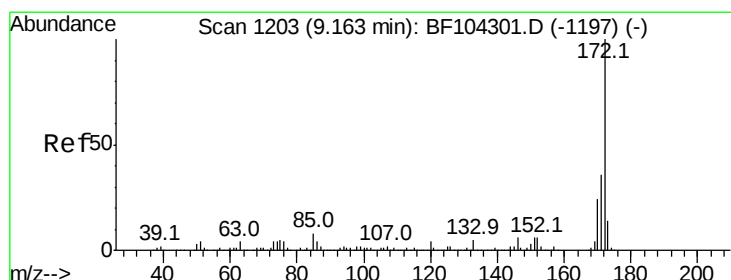
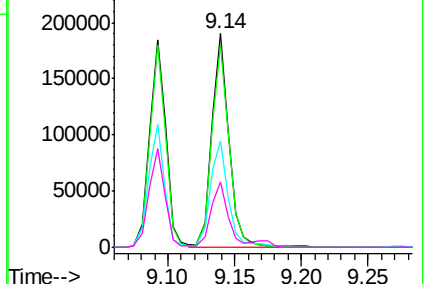
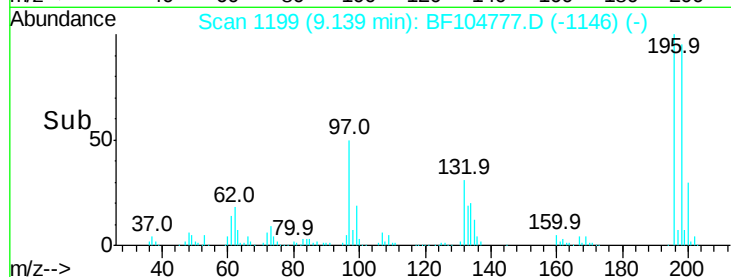


Abundance Ion 196.00 (195.70 to 196.70): E

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: 84.895 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

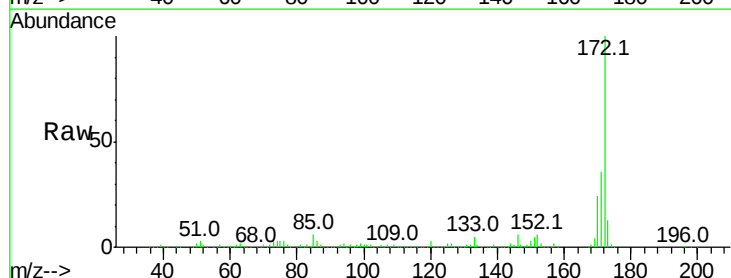
Tgt Ion:172 Resp: 1064230

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

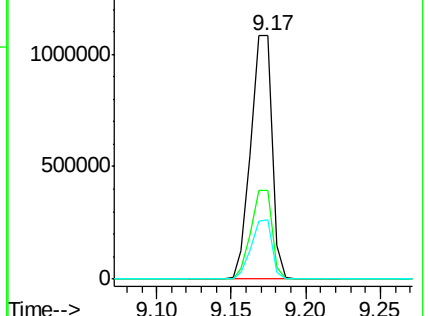
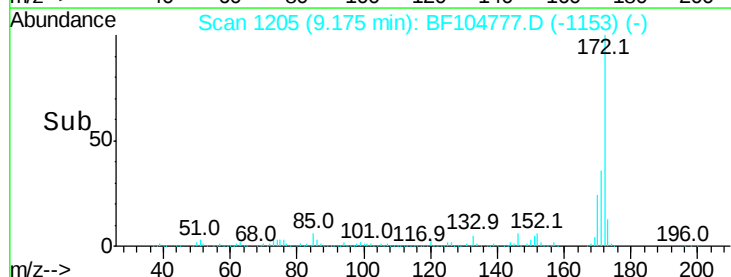
170 24.3 19.6 29.4

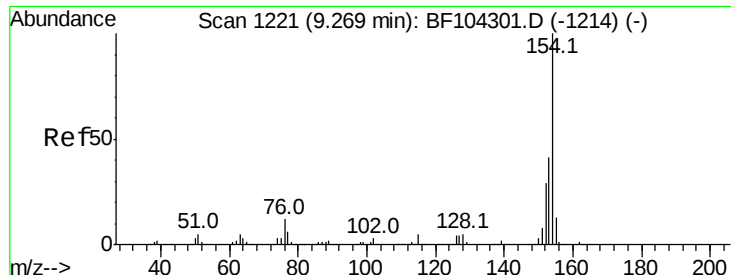


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.925 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampled :

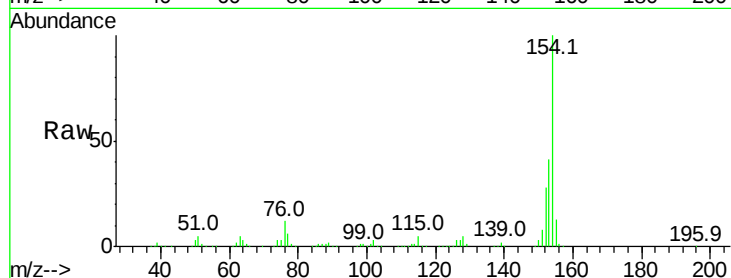
Tot Ion:154 Resp: 680832

Ion Ratio Lower Upper

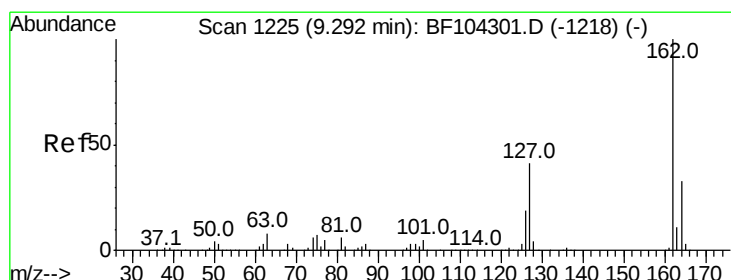
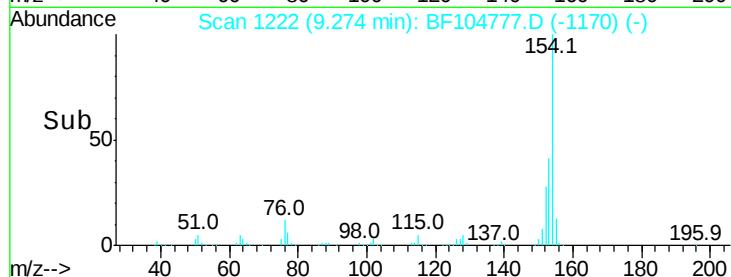
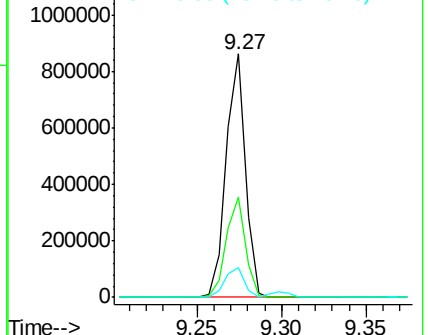
154 100

153 41.4 21.3 61.3

76 12.1 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: 40.121 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

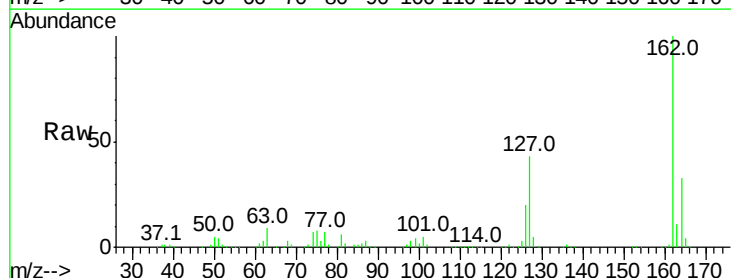
Tgt Ion:162 Resp: 527211

Ion Ratio Lower Upper

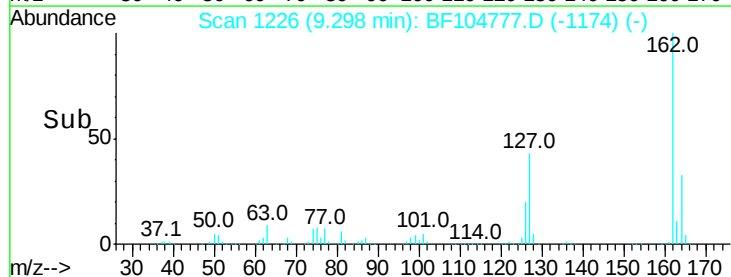
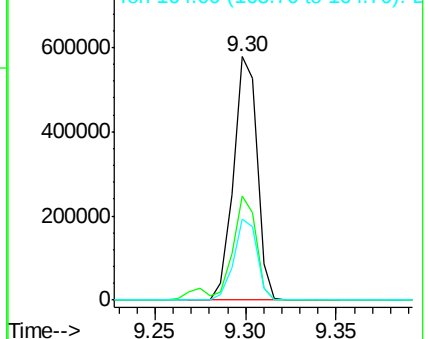
162 100

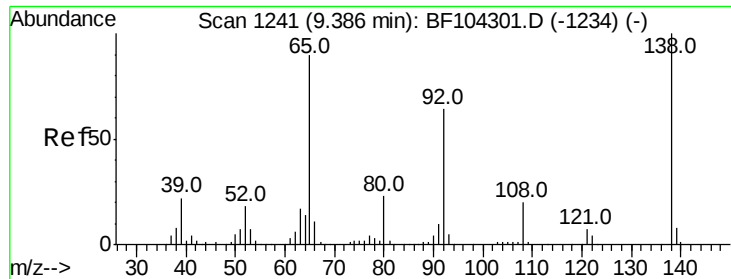
127 43.0 33.9 50.9

164 33.3 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

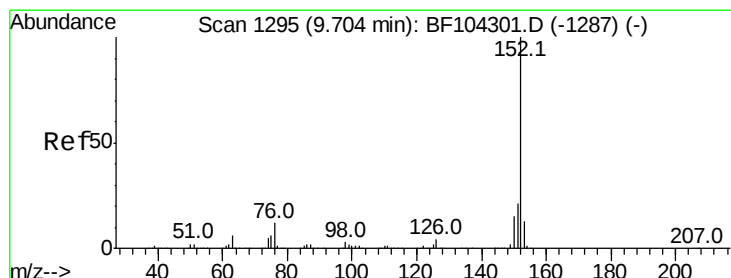
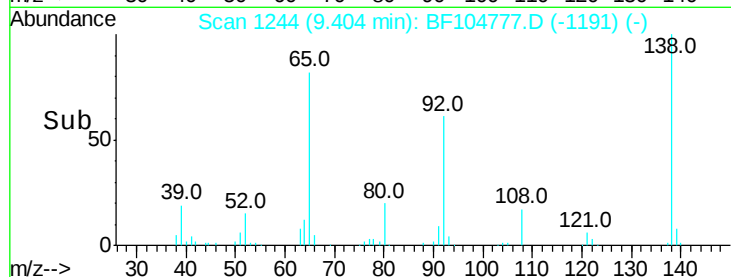
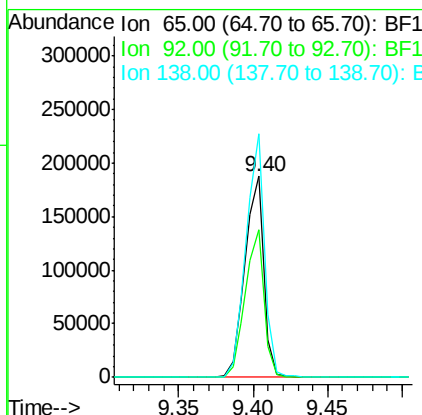
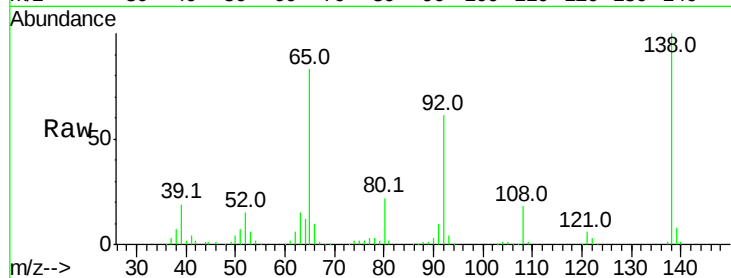




#47
 2-Nitroaniline
 Concen: 50.800 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

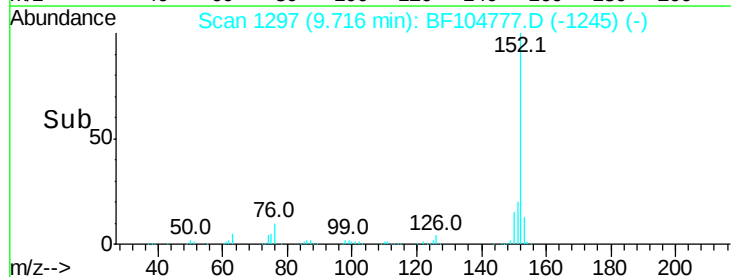
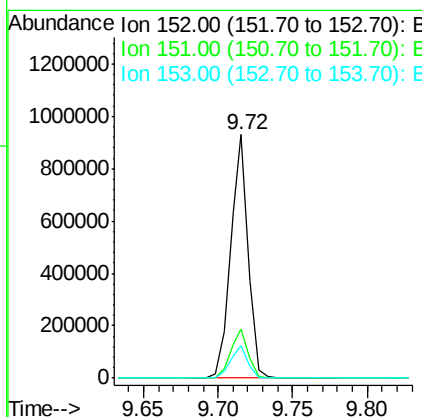
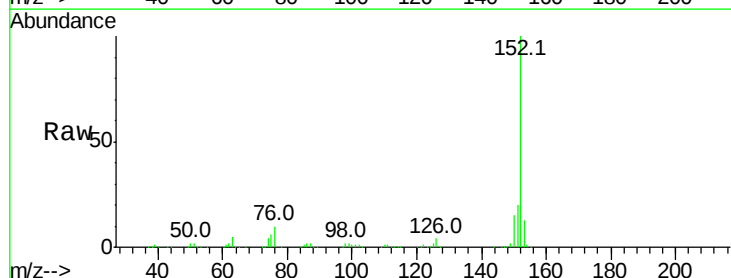
Instrument :
 BNA_F
 ClientSampleId :

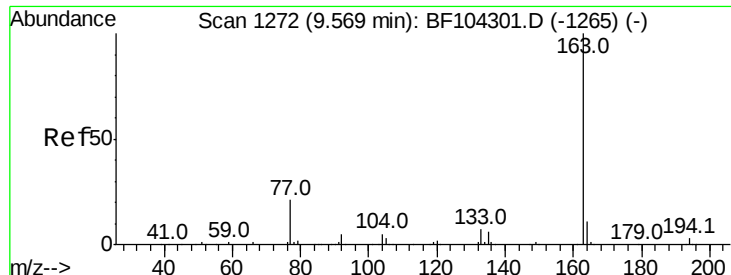
Tot Ion: 65 Resp: 165082
 Ion Ratio Lower Upper
 65 100
 92 73.5 55.8 83.6
 138 121.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.215 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion:152 Resp: 767258
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.3 10.7 16.1

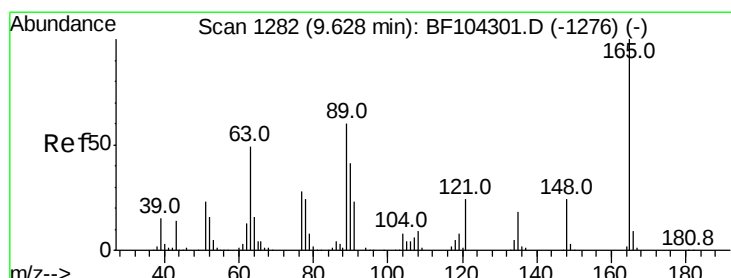
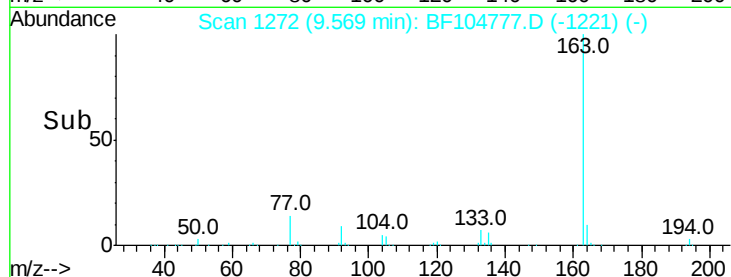
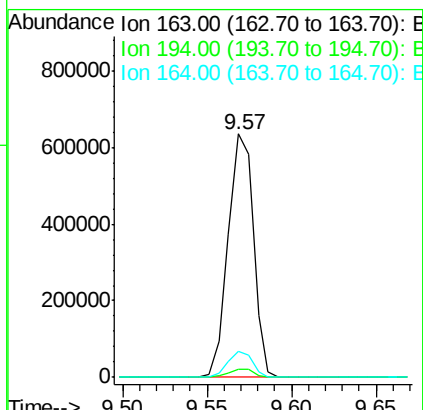
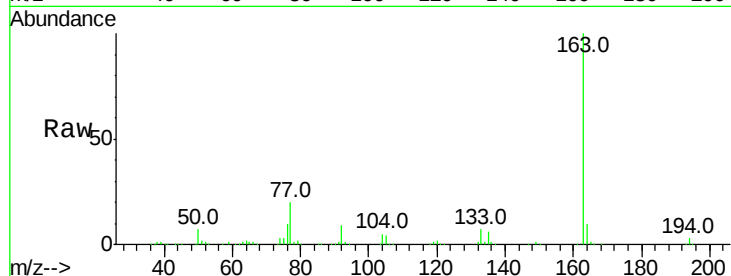




#49
Dimethylphthalate
Concen: 42.380 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

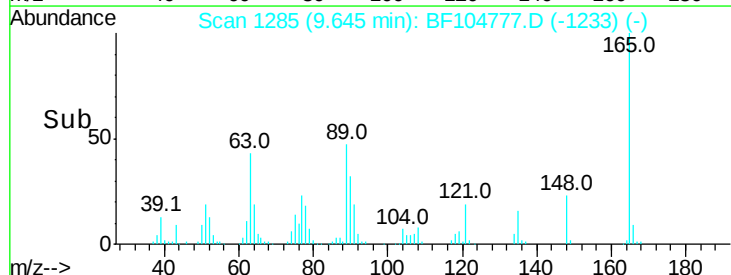
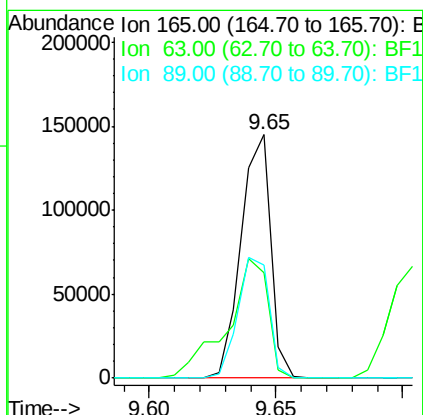
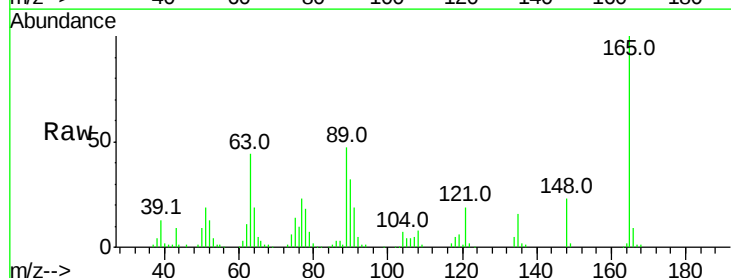
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 661823
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.865 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion:165 Resp: 118086
Ion Ratio Lower Upper
165 100
63 43.5 44.7 67.1#
89 46.7 44.0 66.0





#51

Acenaphthene

Concen: 35.416 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

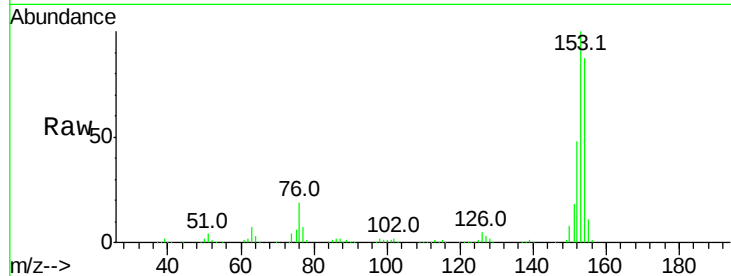
Tot Ion:154 Resp: 445504

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

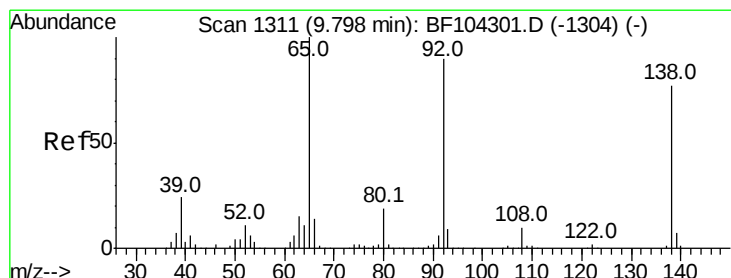
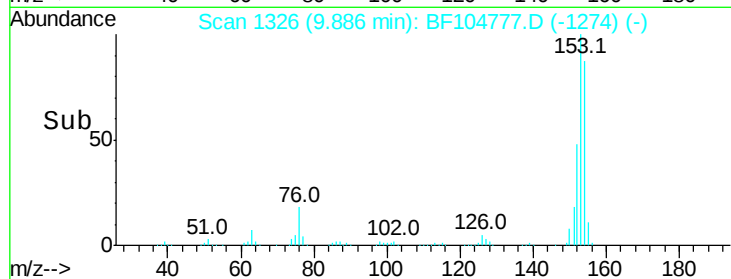
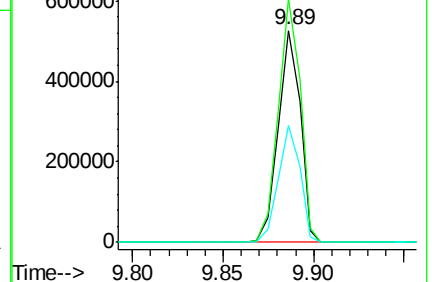
152 55.2 43.8 65.8



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: 47.173 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

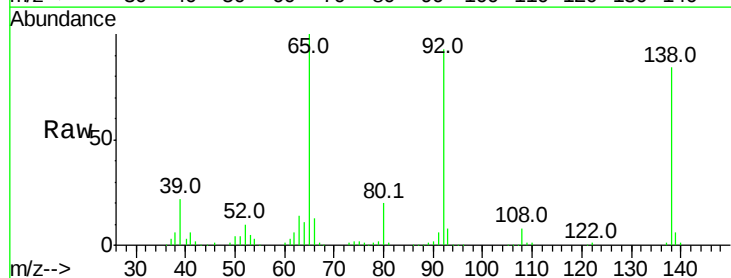
Tgt Ion:138 Resp: 159584

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

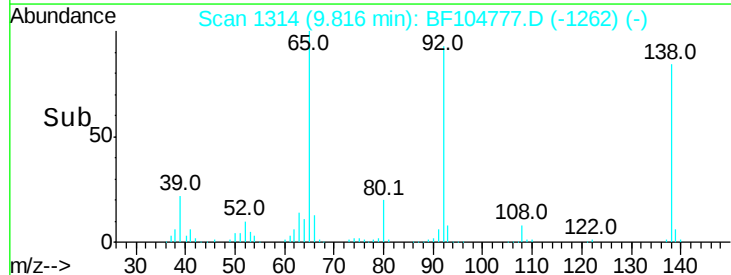
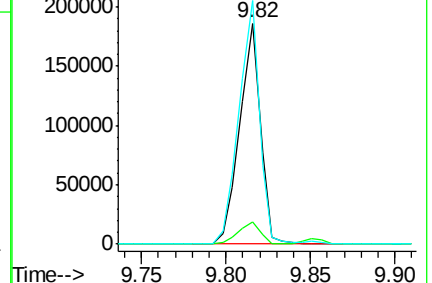
92 110.1 89.4 134.2

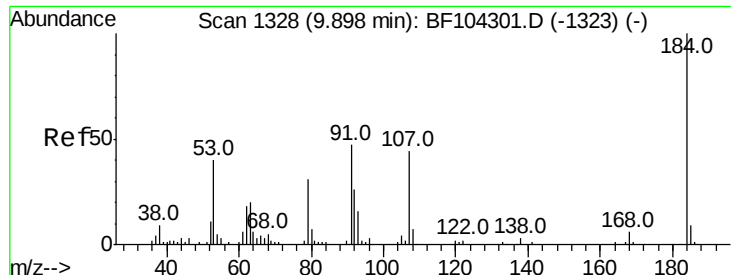


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

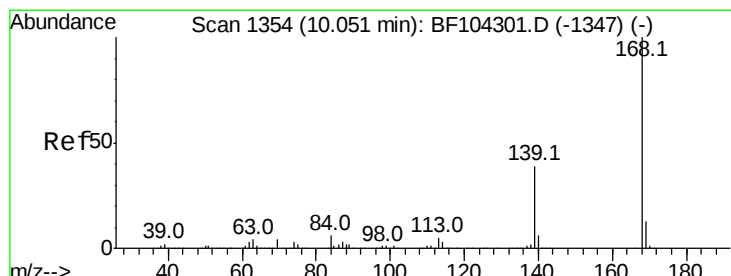
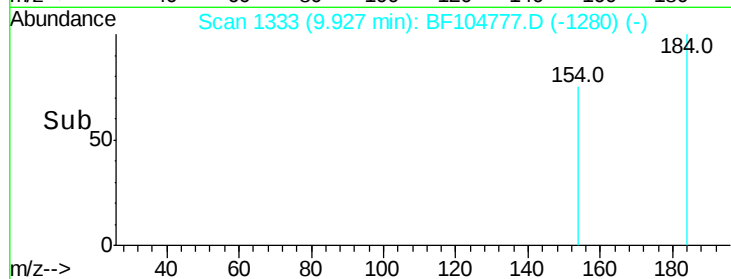
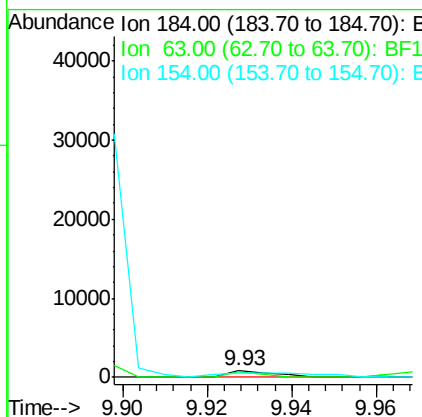
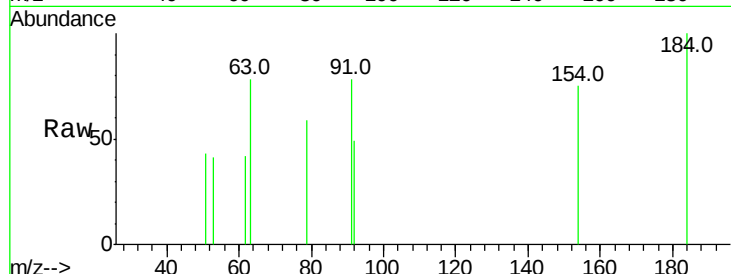




#53
 2,4-Dinitrophenol
 Concen: 5.896 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

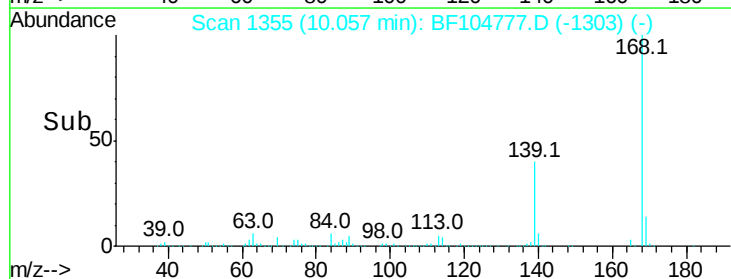
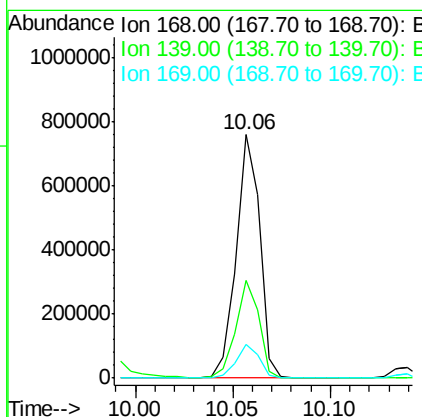
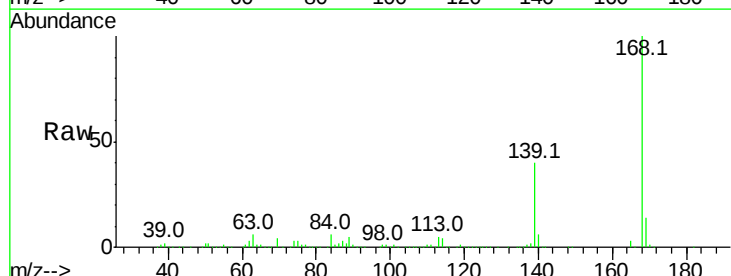
Instrument :
 BNA_F
 ClientSampleId :

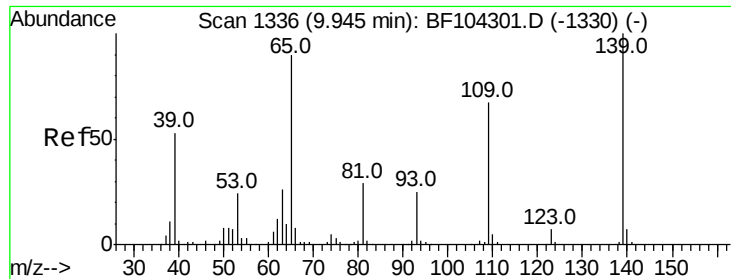
Tot Ion:184 Resp: 608
 Ion Ratio Lower Upper
 184 100
 63 78.0 54.2 81.2
 154 74.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.118 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion:168 Resp: 633166
 Ion Ratio Lower Upper
 168 100
 139 40.0 30.1 45.1
 169 13.8 10.9 16.3

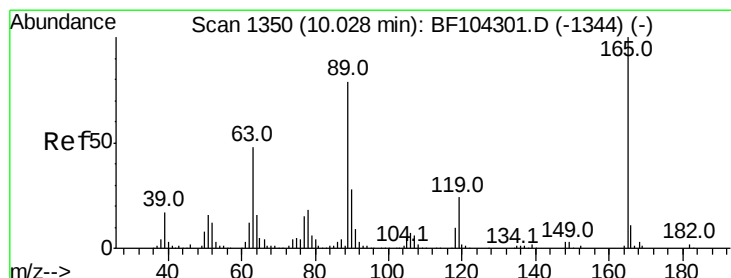
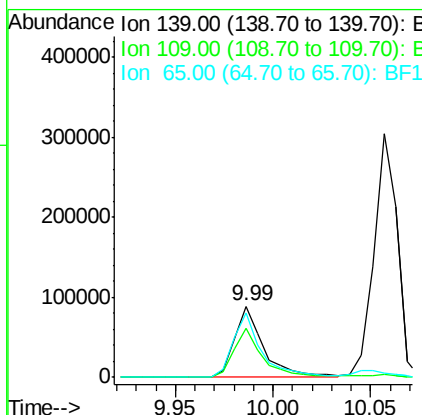
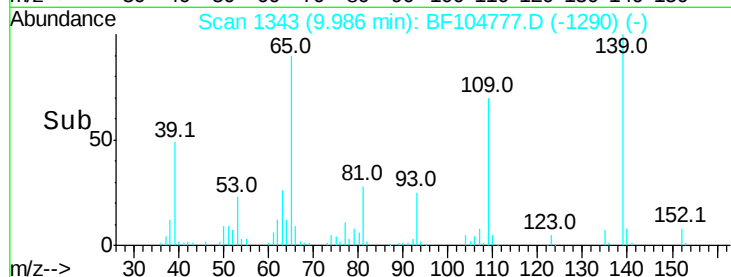
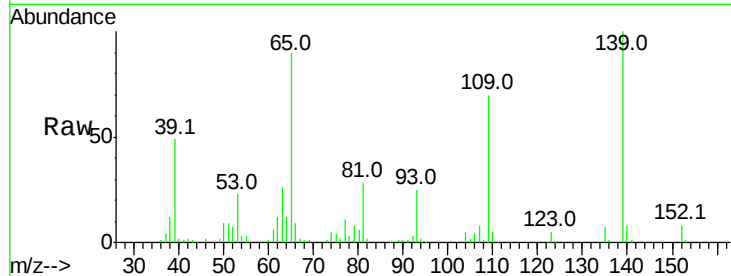




#55
4-Nitrophenol
Concen: 34.814 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

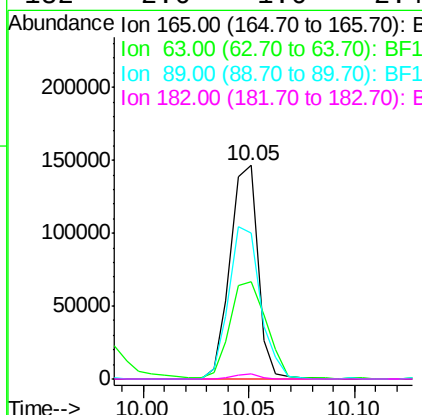
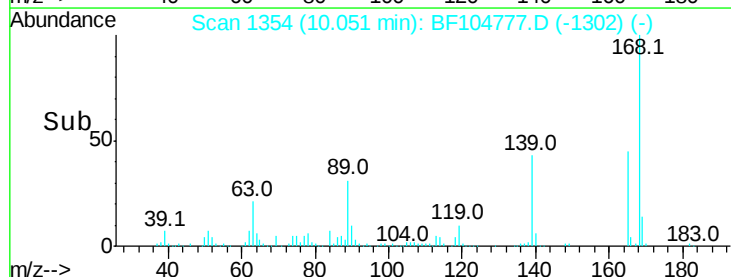
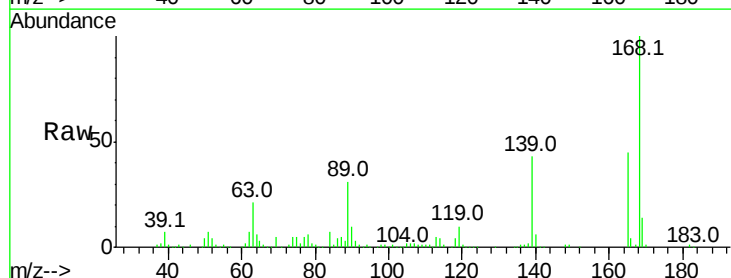
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 92514
Ion Ratio Lower Upper
139 100
109 69.7 48.4 88.4
65 90.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.269 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion:165 Resp: 133682
Ion Ratio Lower Upper
165 100
63 45.6 36.4 54.6
89 68.3 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 39.460 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

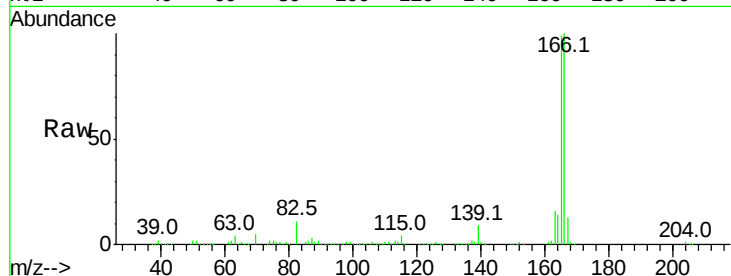
Tot Ion:166 Resp: 503506

Ion Ratio Lower Upper

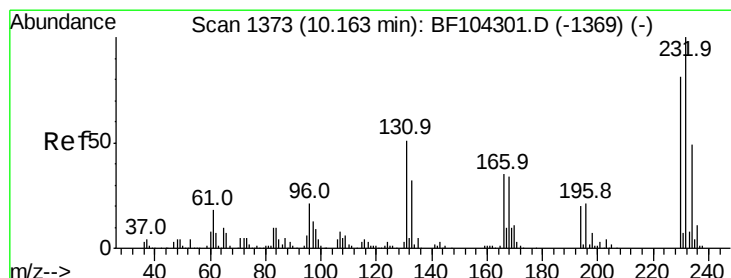
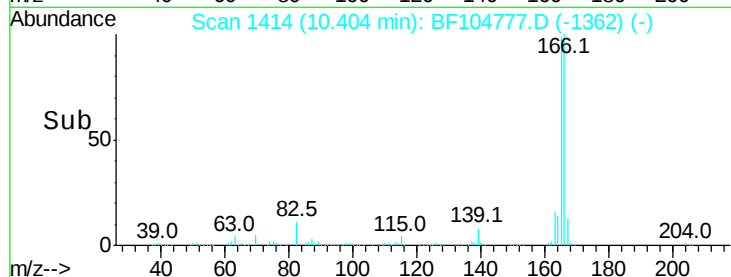
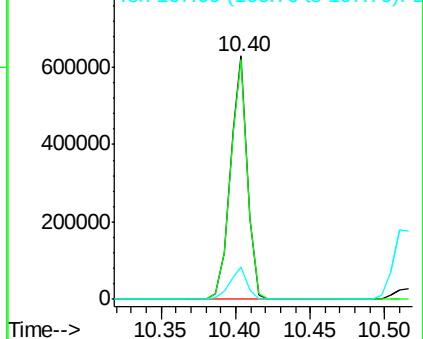
166 100

165 98.7 79.8 119.8

167 13.2 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: 34.019 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Tgt Ion:232 Resp: 111765

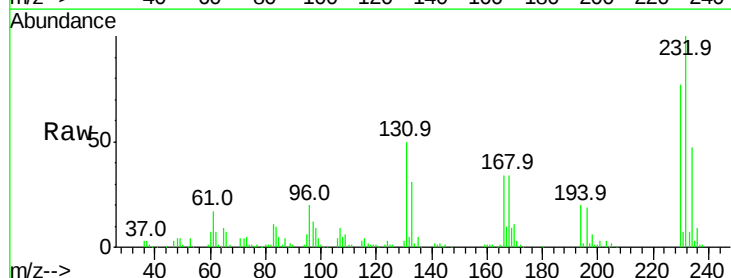
Ion Ratio Lower Upper

232 100

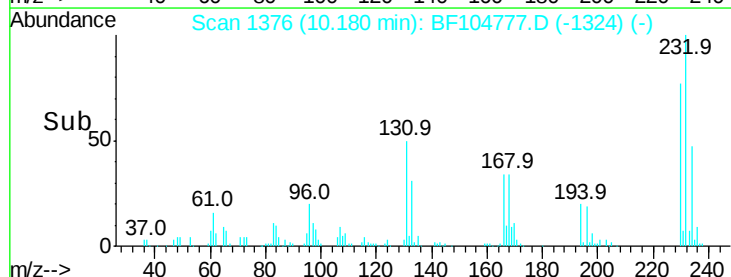
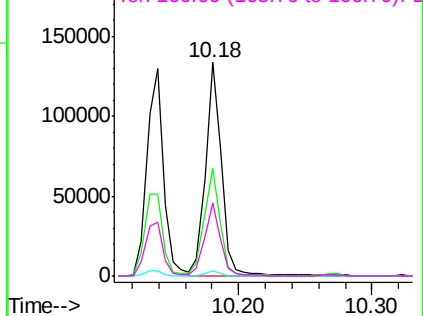
131 49.2 43.8 65.8

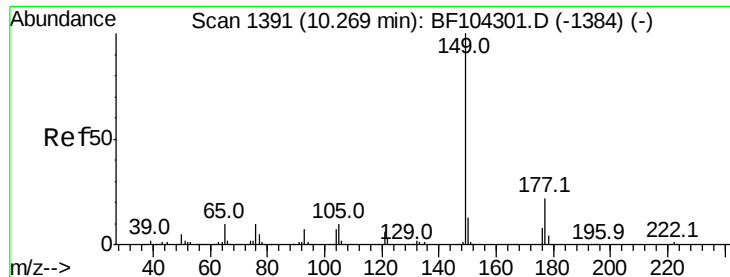
130 2.4 2.1 3.1

166 34.1 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

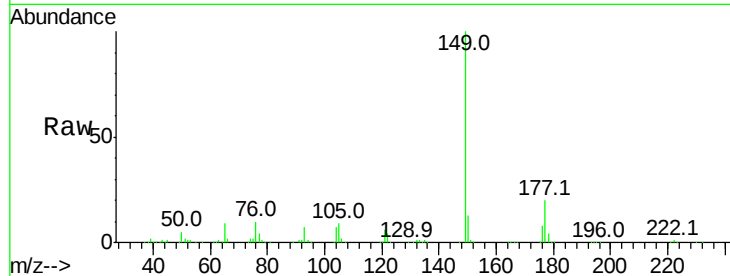




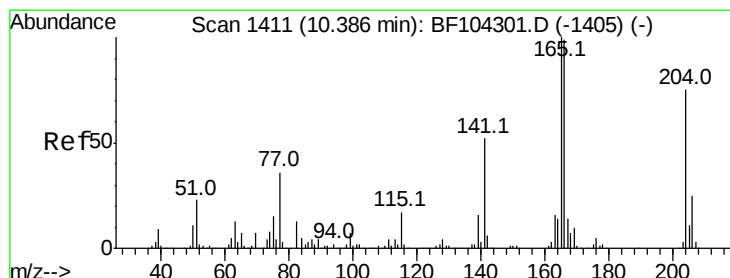
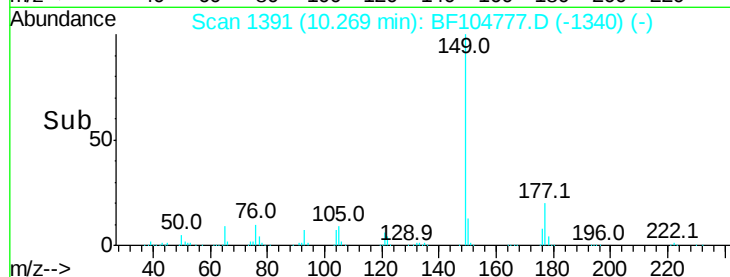
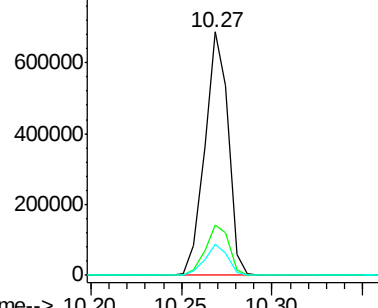
#59
Diethylphthalate
Concen: 39.518 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	13.0	10.1	15.1

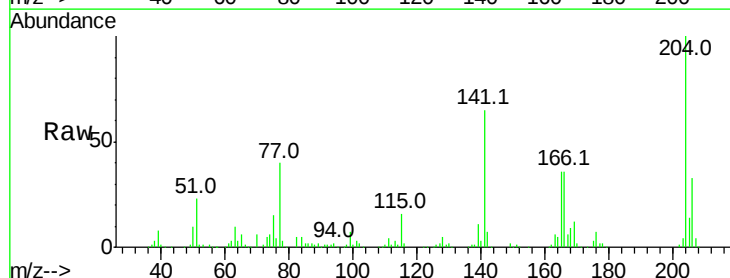


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

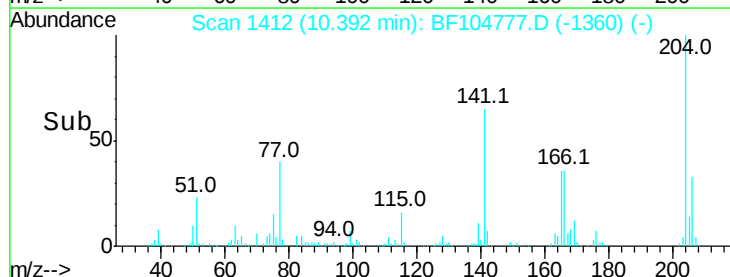
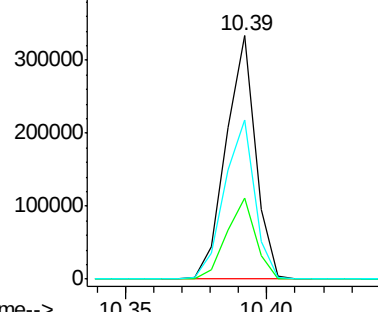


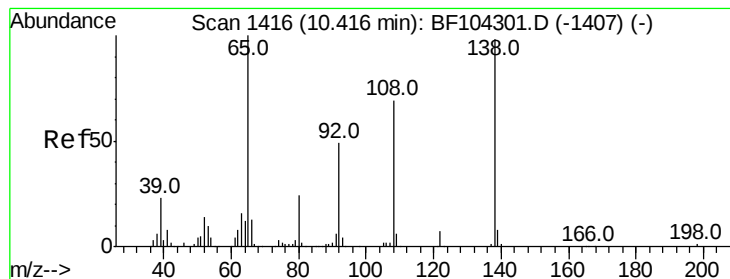
#60
4-Chlorophenyl-phenylether
Concen: 42.692 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	65.3	54.6	81.8



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





#61

4-Nitroaniline

Concen: 48.165 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

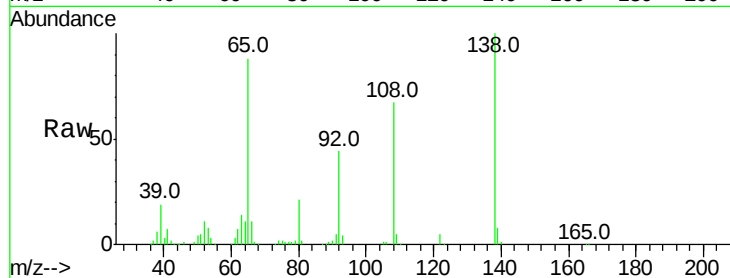
Tot Ion:138 Resp: 159318

Ion Ratio Lower Upper

138 100

92 44.4 30.2 70.2

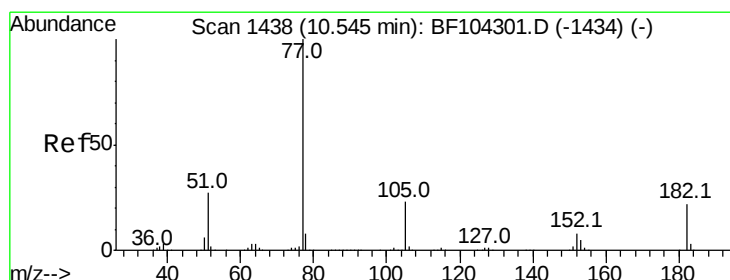
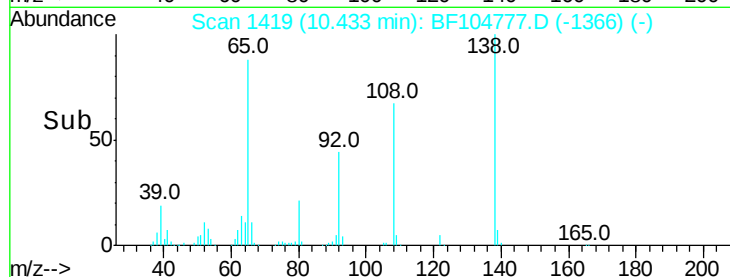
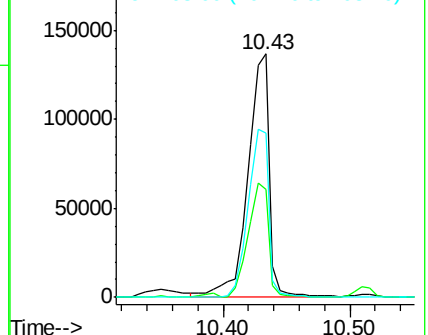
108 67.3 52.5 92.5



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: 32.913 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Tgt Ion: 77 Resp: 489065

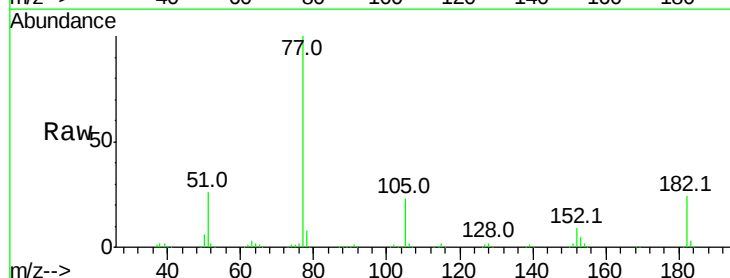
Ion Ratio Lower Upper

77 100

182 23.8 1.7 41.7

105 23.2 3.0 43.0

51 26.1 9.9 49.9

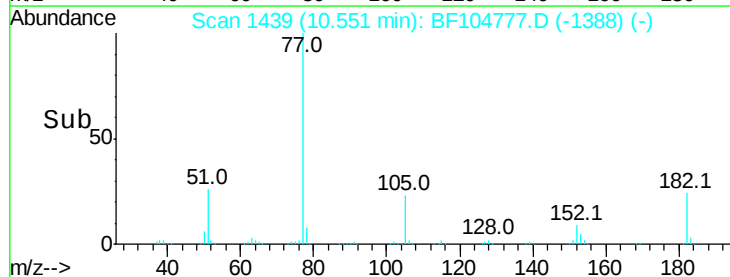
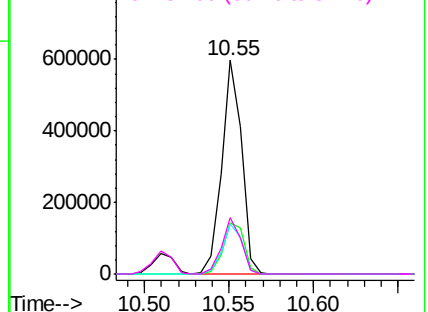


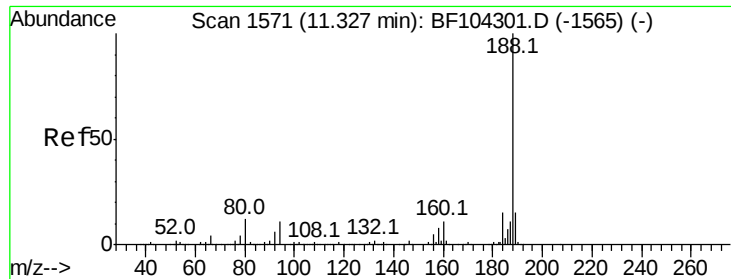
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

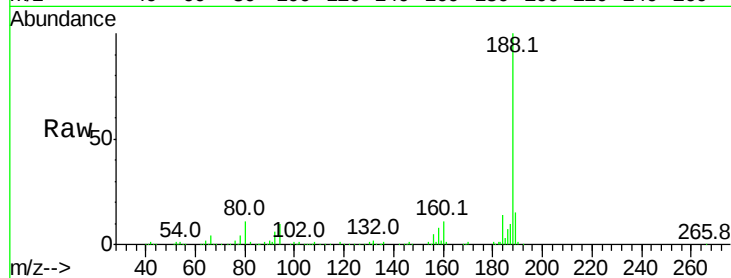




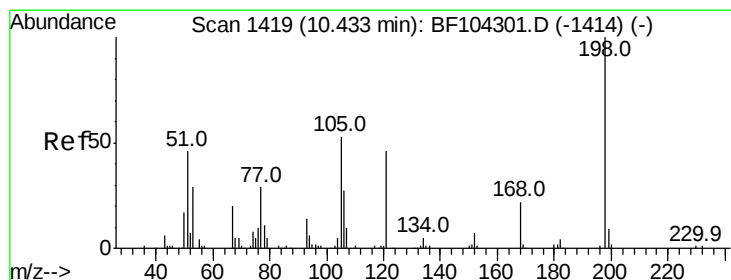
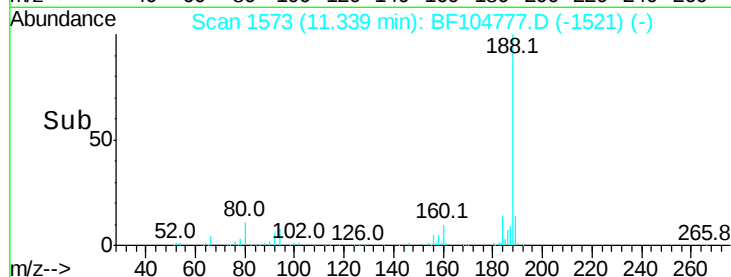
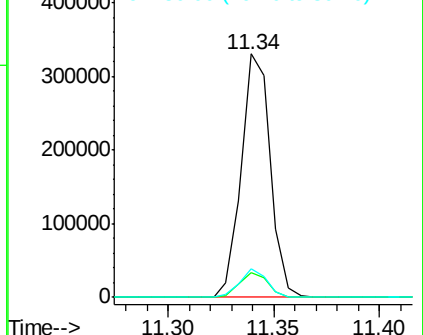
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 314612
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.5 9.2 13.8

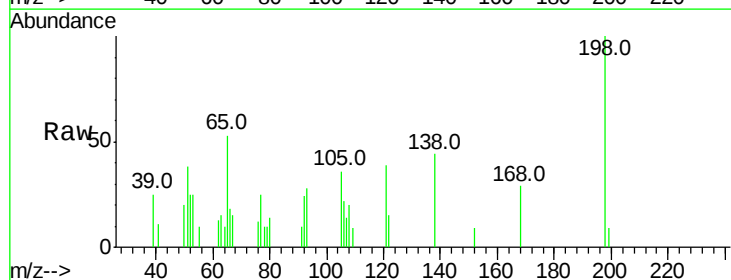


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

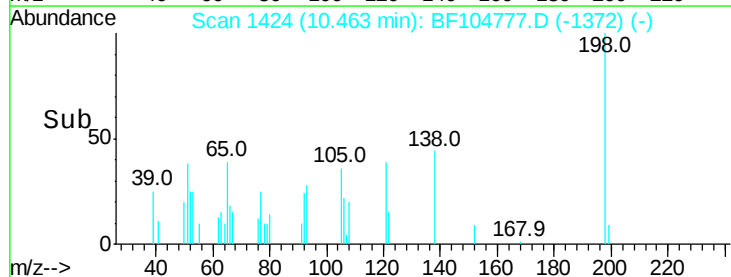
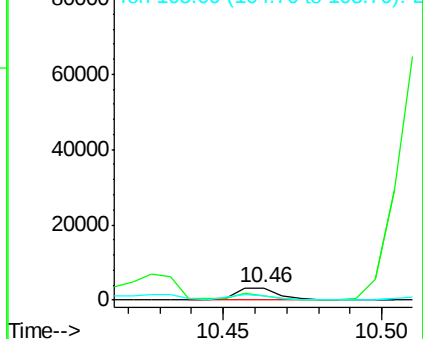


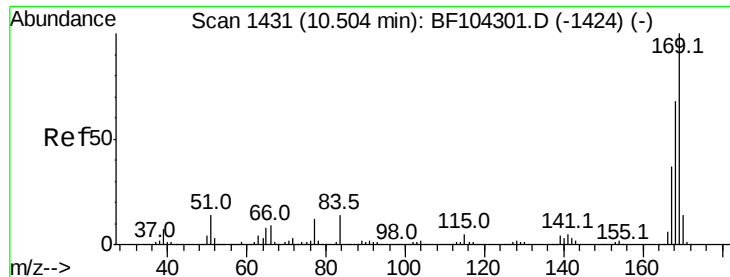
#64
4,6-Dinitro-2-methylphenol
Concen: 9.000 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion:198 Resp: 2991
Ion Ratio Lower Upper
198 100
51 38.0 37.7 77.7
105 36.5 36.3 76.3



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

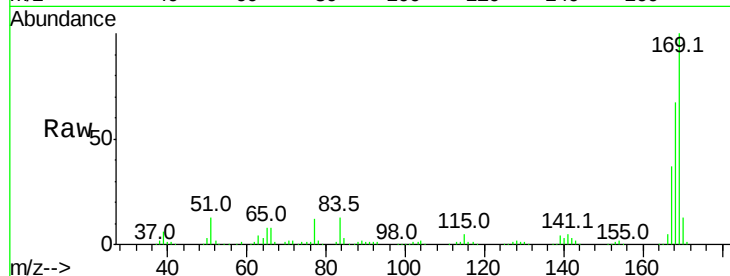




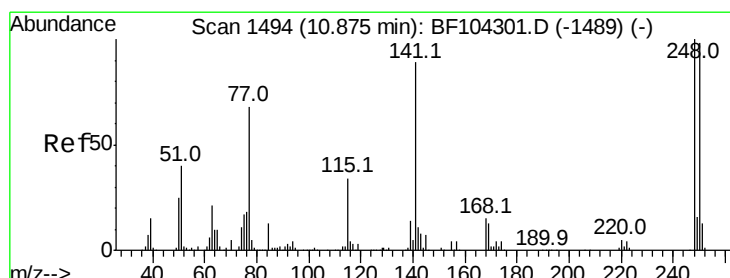
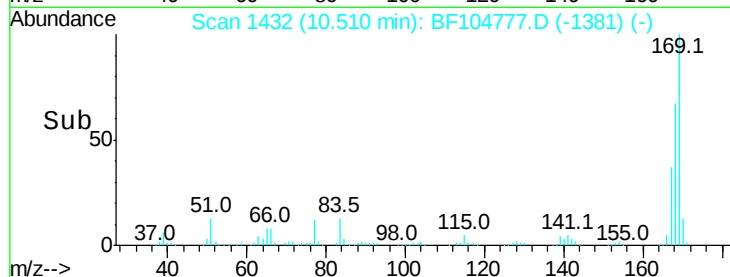
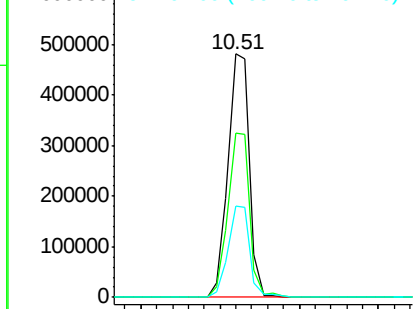
#65
 n-Nitrosodiphenylamine
 Concen: 41.216 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 449600
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 37.4 29.8 44.6

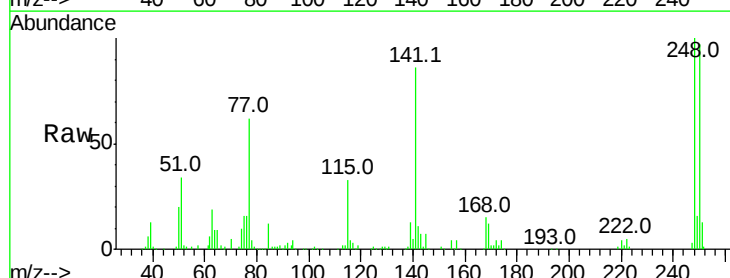


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

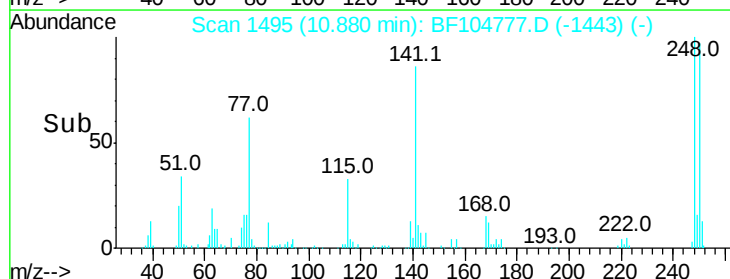
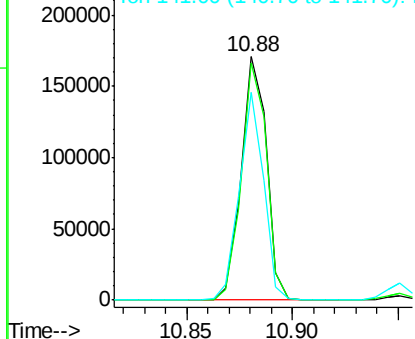


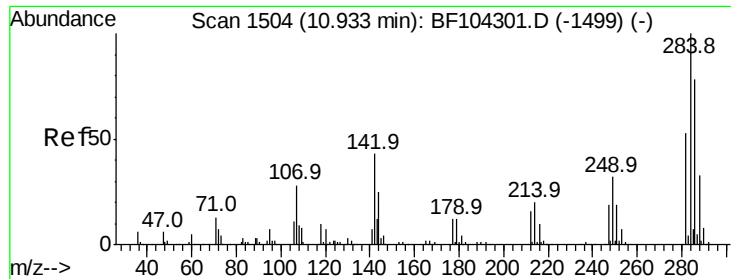
#66
 4-Bromophenyl-phenylether
 Concen: 42.061 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion:248 Resp: 140754
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 85.6 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

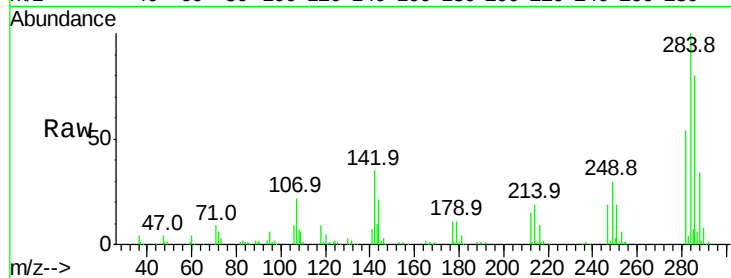




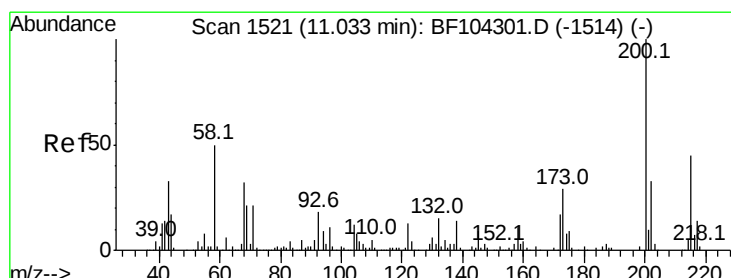
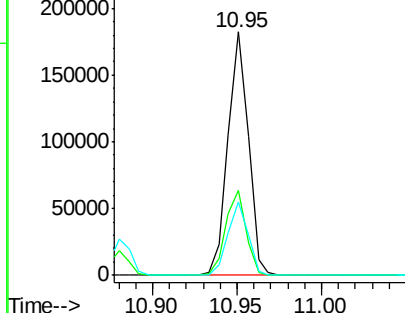
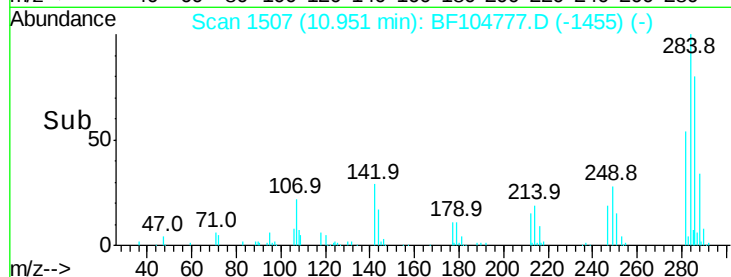
#67
Hexachlorobenzene
Concen: 40.501 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 152504
Ion Ratio Lower Upper
284 100
142 35.1 34.6 52.0
249 30.4 24.8 37.2

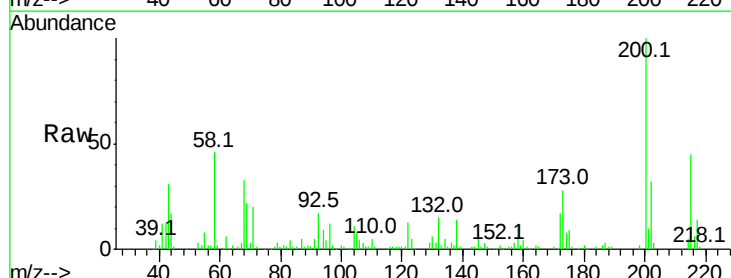


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

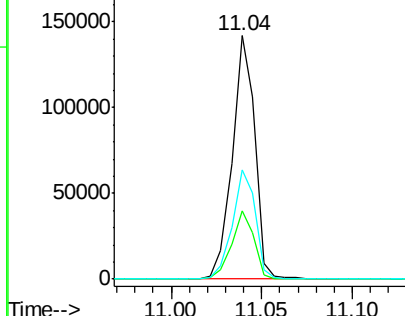
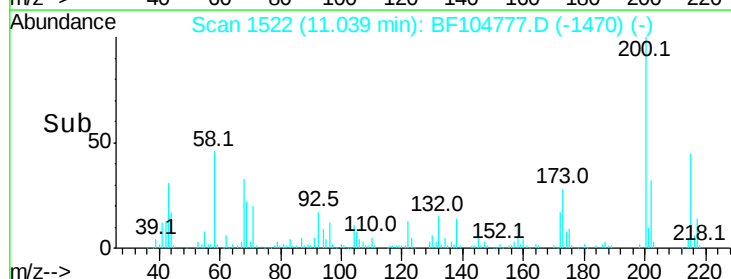


#68
Atrazine
Concen: 37.291 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion:200 Resp: 122788
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 45.1 25.1 65.1



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

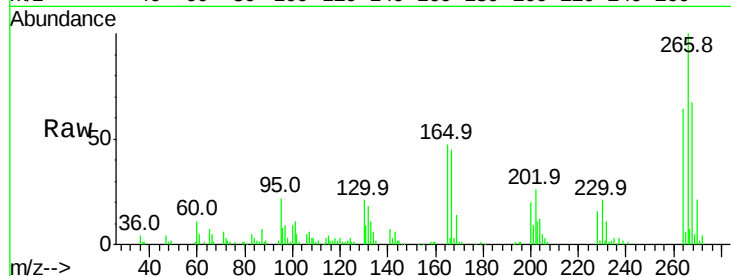




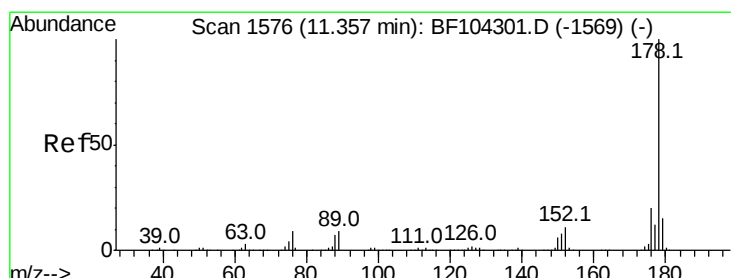
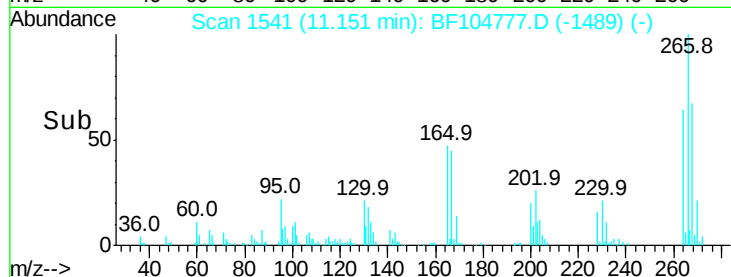
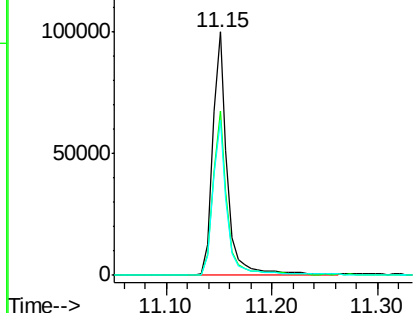
#69
 Pentachlorophenol
 Concen: 42.133 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.4	51.1	76.7
264	63.8	49.5	74.3

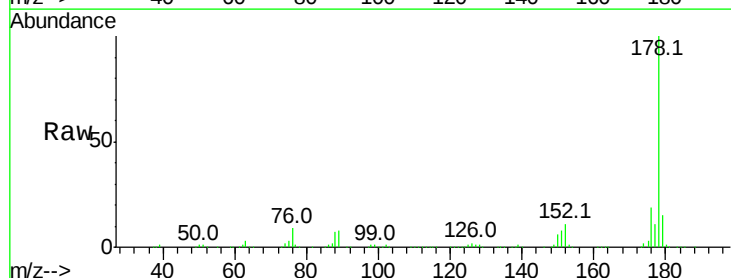


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

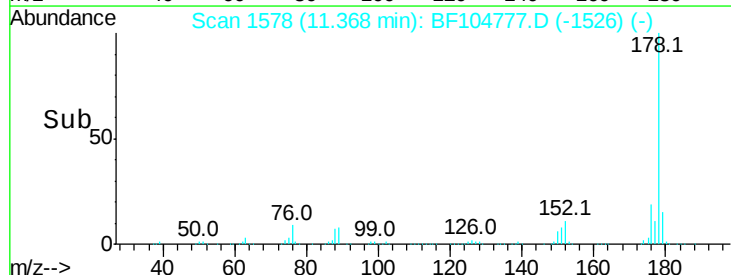
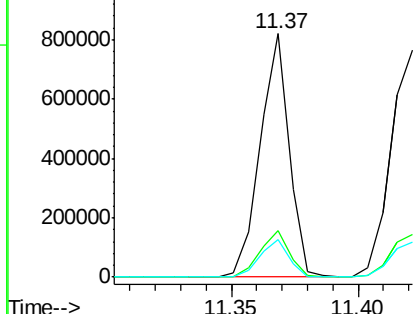


#70
 Phenanthrene
 Concen: 37.493 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	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

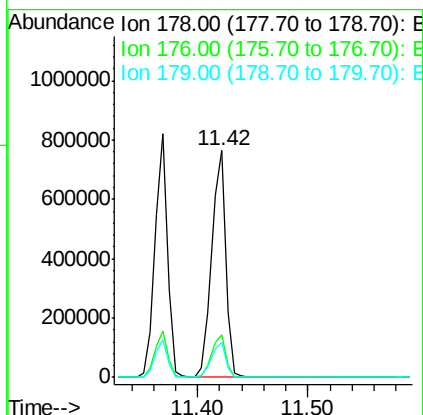
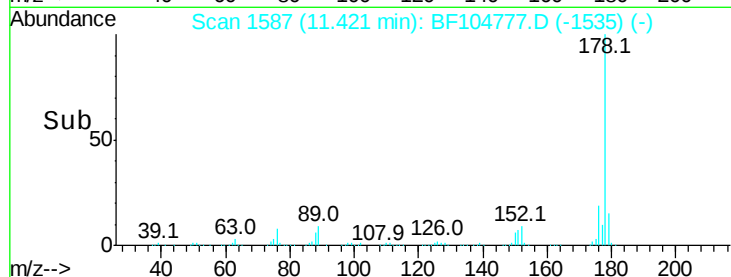
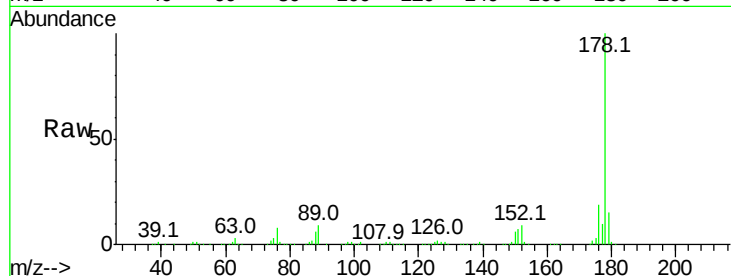




#71
 Anthracene
 Concen: 37.212 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

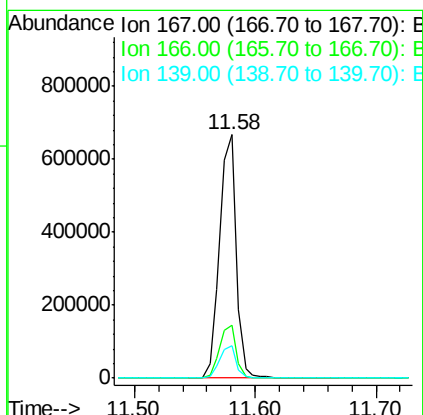
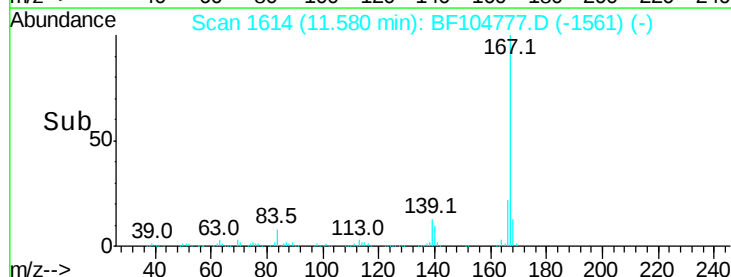
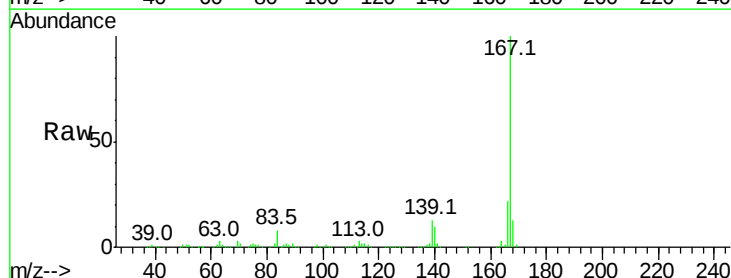
Instrument :
 BNA_F
 ClientSampleId :

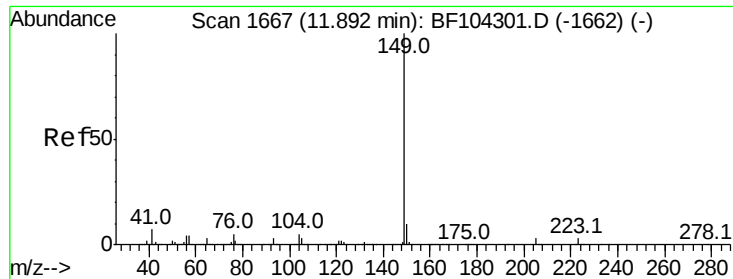
Tot Ion:178 Resp: 662746
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 36.415 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion:167 Resp: 633750
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.2 10.9 16.3

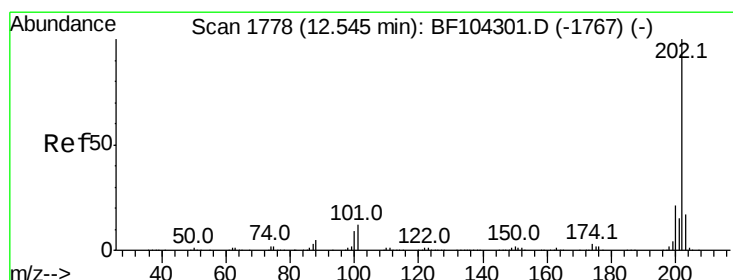
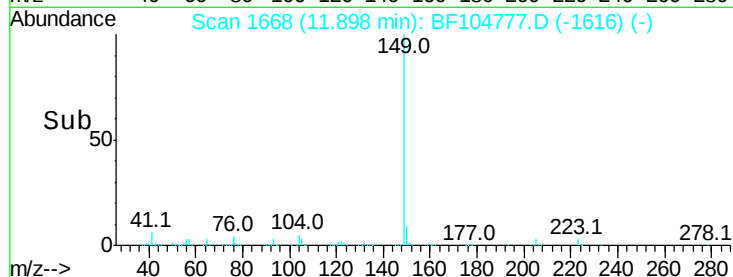
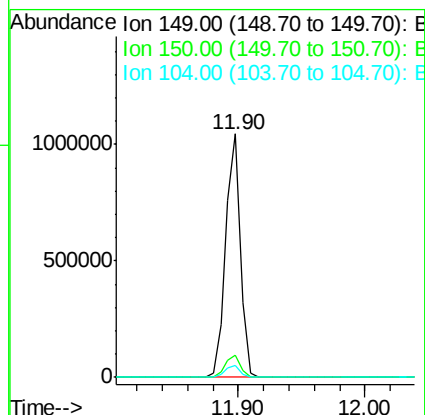
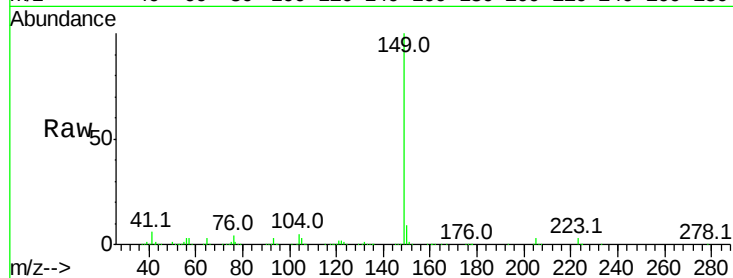




#73
Di-n-butylphthalate
Concen: 39.984 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

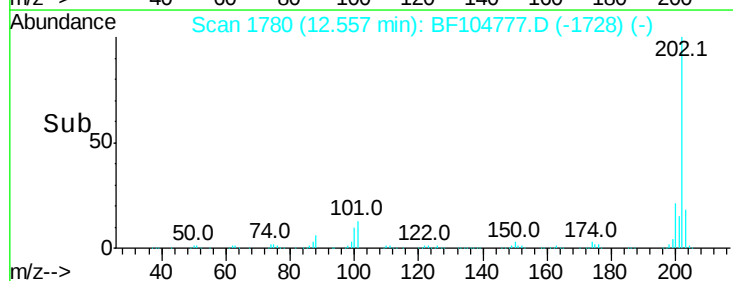
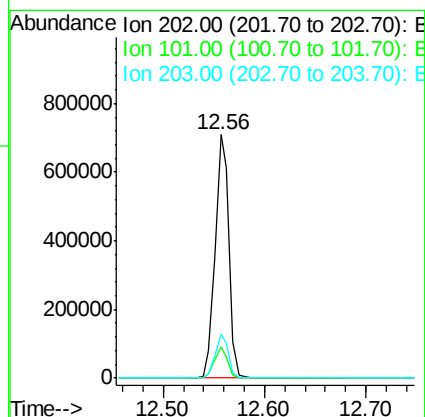
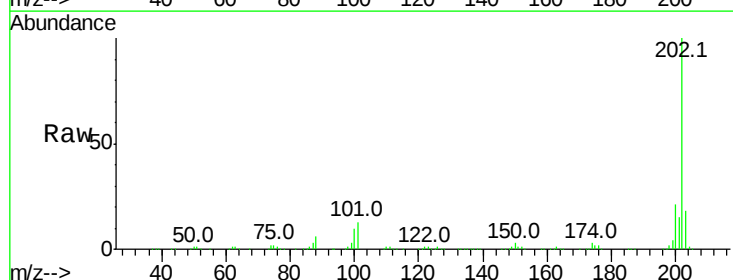
Instrument :
BNA_F
ClientSampled :

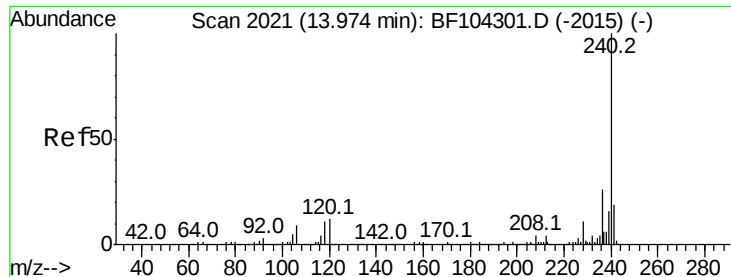
Tot Ion:149 Resp: 850018
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 36.391 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion:202 Resp: 666151
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

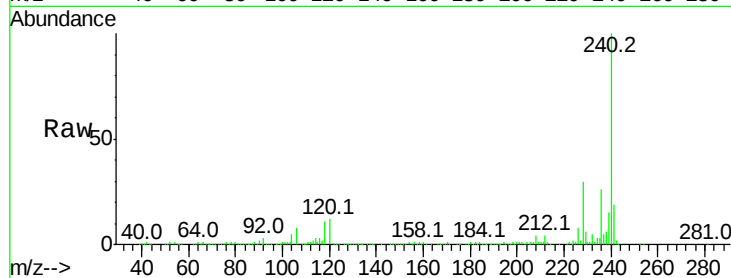
Tot Ion:240 Resp: 231167

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

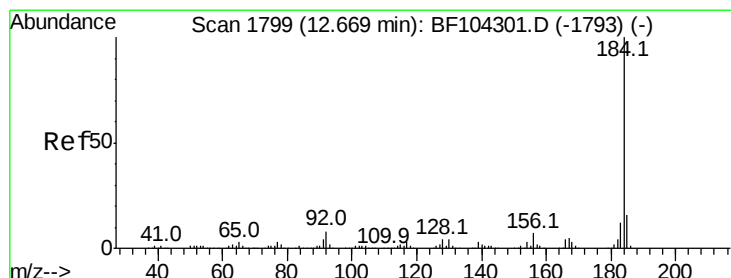
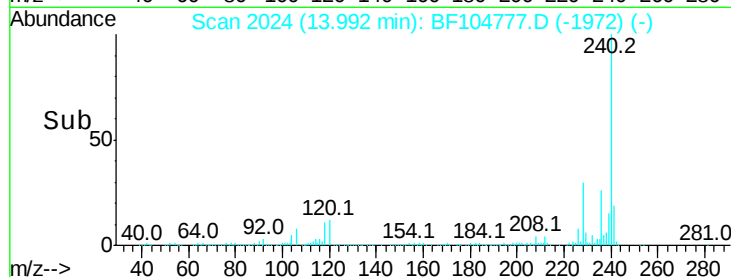
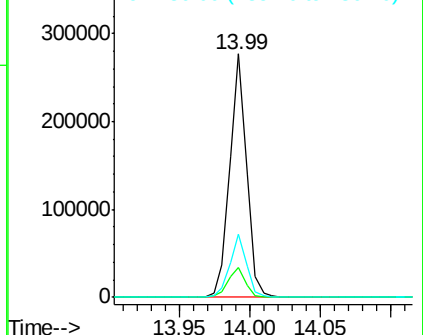
236 26.0 20.7 31.1



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



#76

Benzidine

Concen: 39.093 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

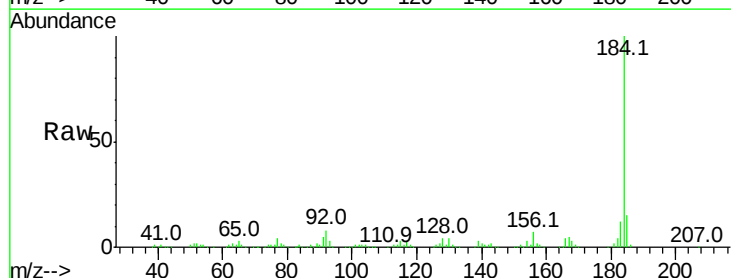
Tgt Ion:184 Resp: 308308

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

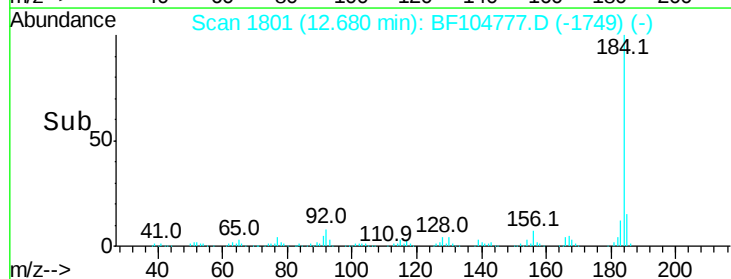
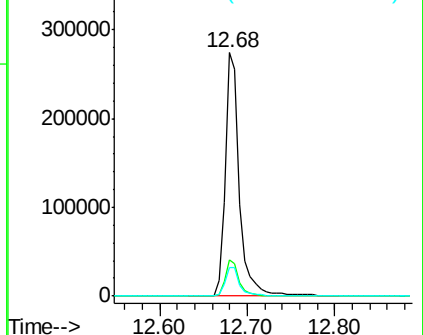
183 12.0 9.3 13.9

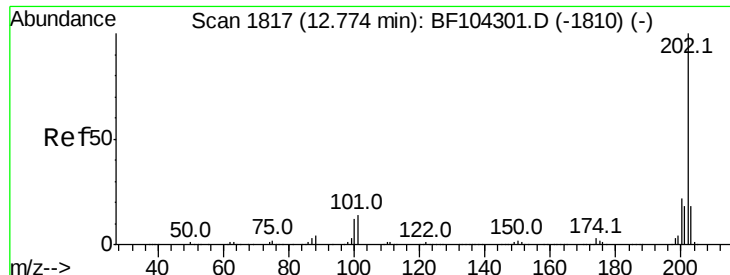


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

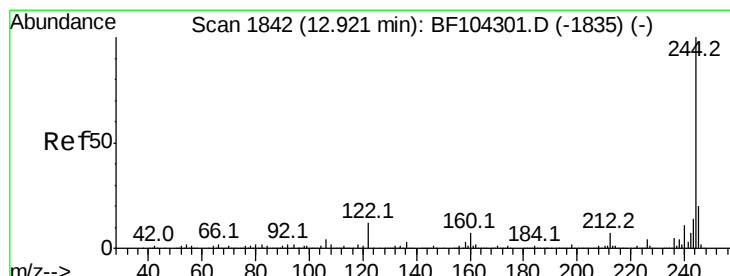
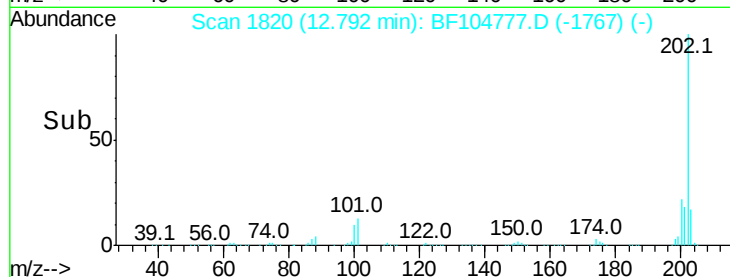
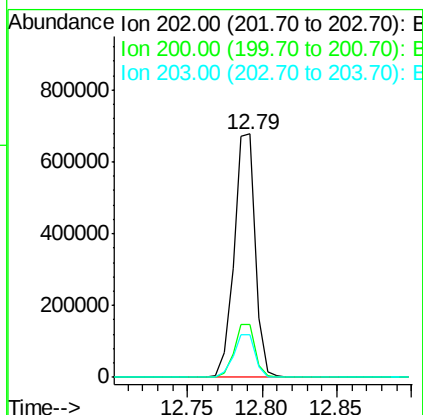
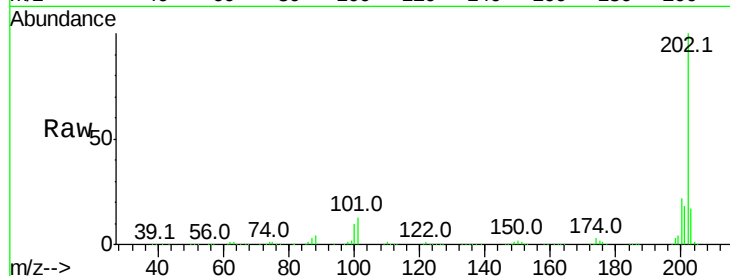




#77
 Pvrene
 Concen: 39.542 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

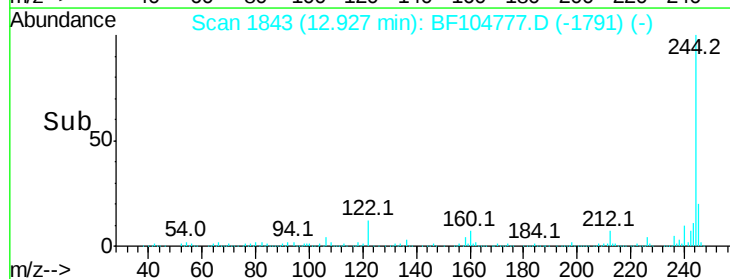
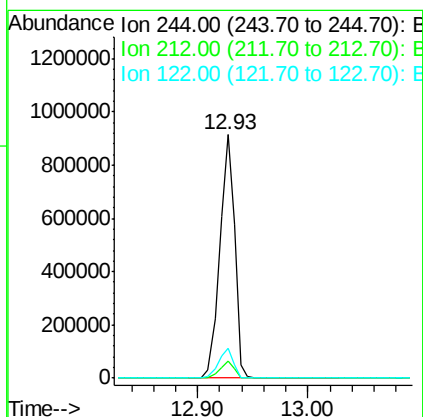
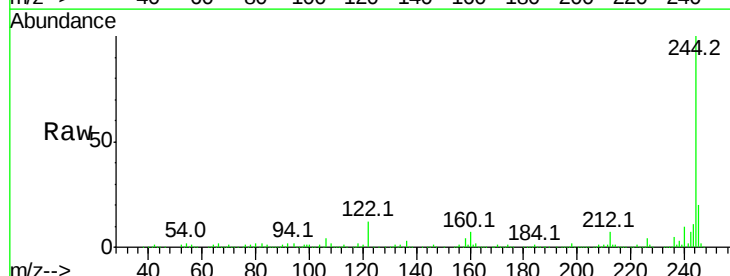
Instrument :
 BNA_F
 ClientSampleId :

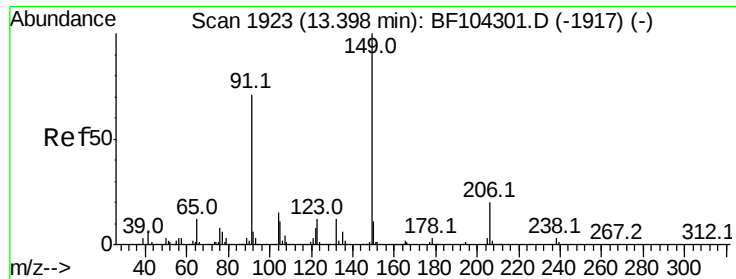
Tot Ion:202 Resp: 677546
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 84.273 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion:244 Resp: 854498
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.3 11.0 16.4

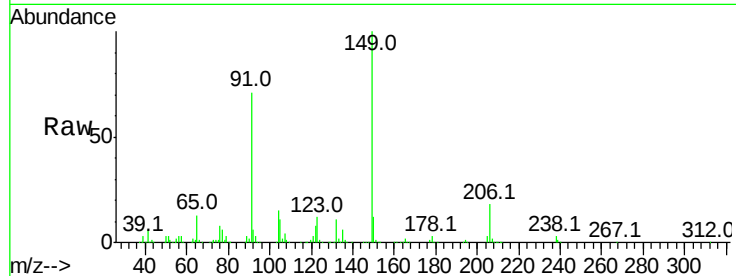




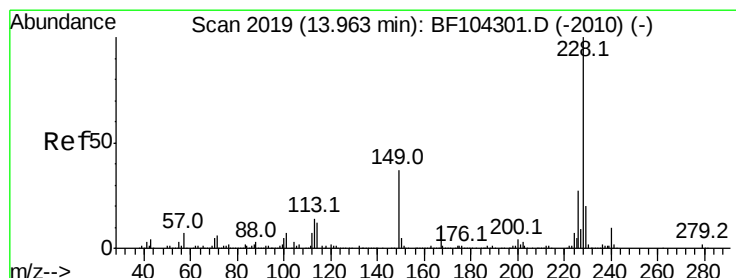
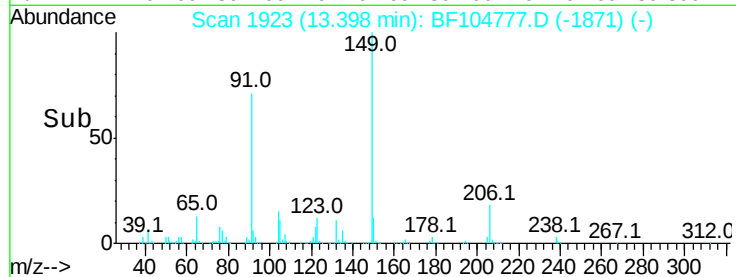
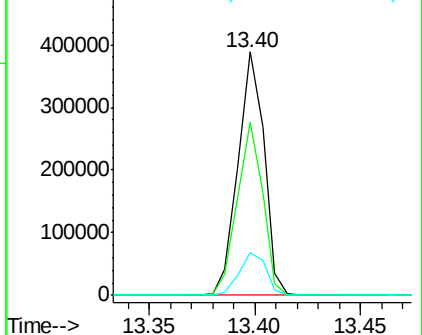
#79
Butylbenzylphthalate
Concen: 41.152 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	56.8	85.2
206	17.7	14.1	21.1

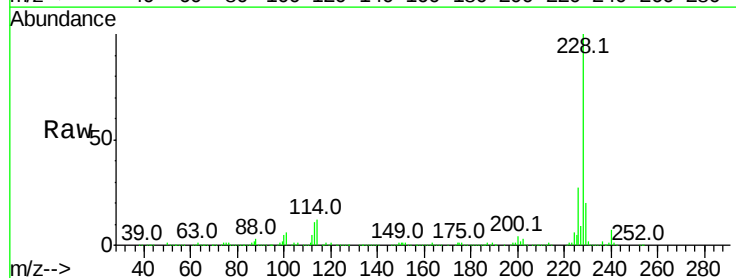


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

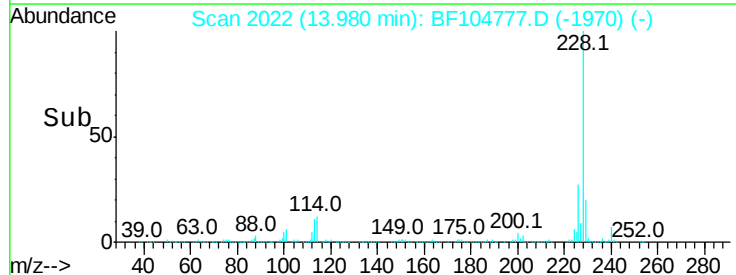
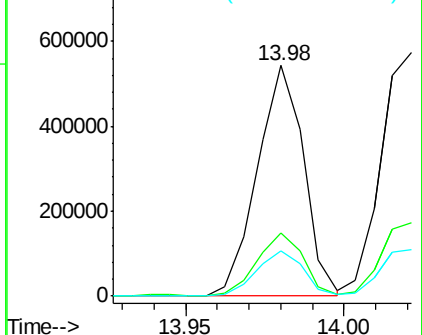


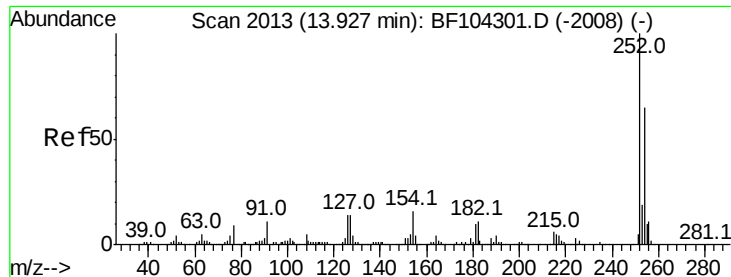
#80
Benzo(a)anthracene
Concen: 39.920 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	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

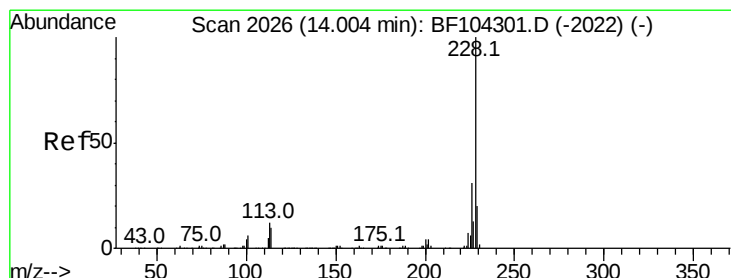
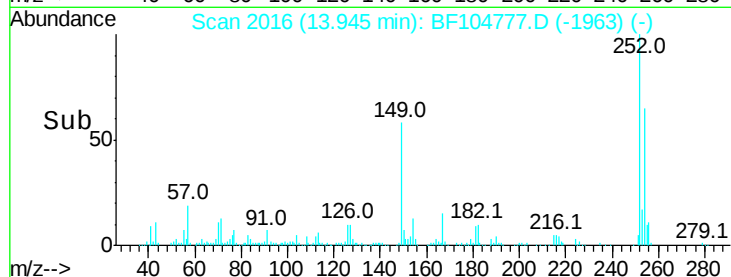
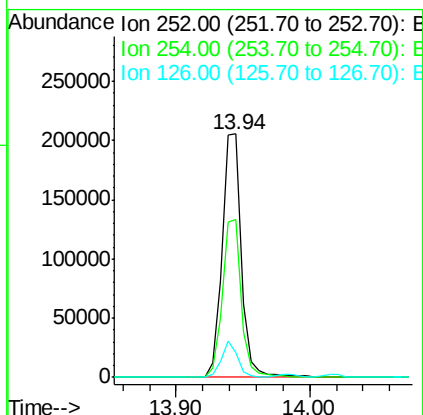
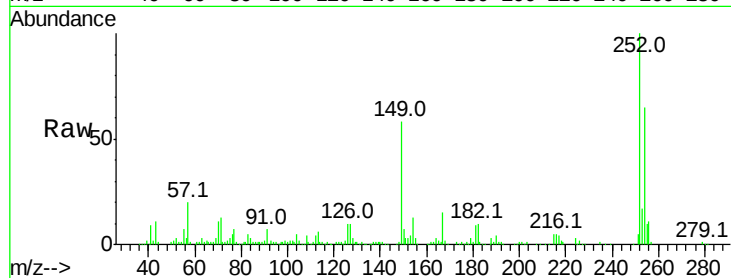




#81
 3,3'-Dichlorobenzidine
 Concen: 40.931 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

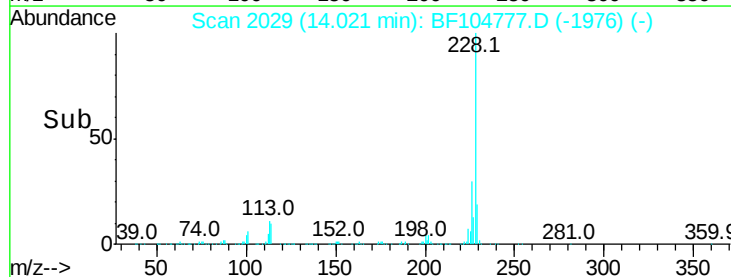
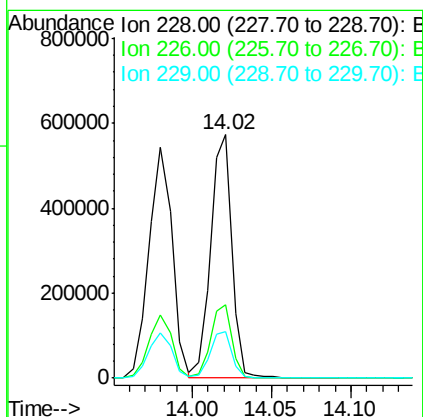
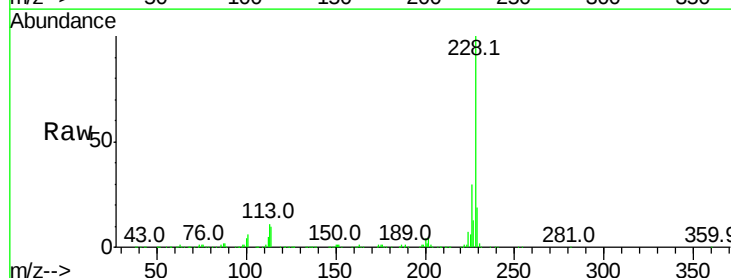
Instrument :
 BNA_F
 ClientSampleId :

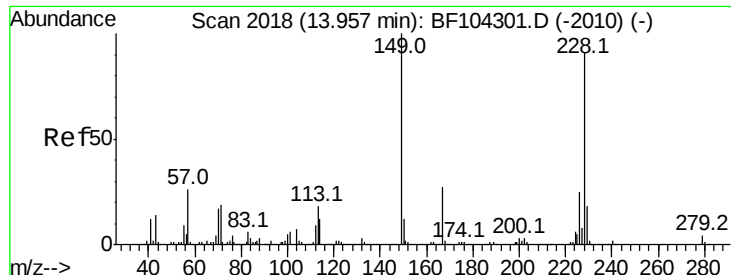
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	10.1	11.3	16.9#



#82
 Chrysene
 Concen: 37.613 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.3	16.2	24.4

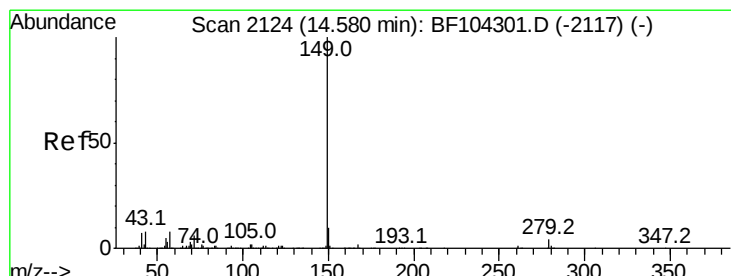
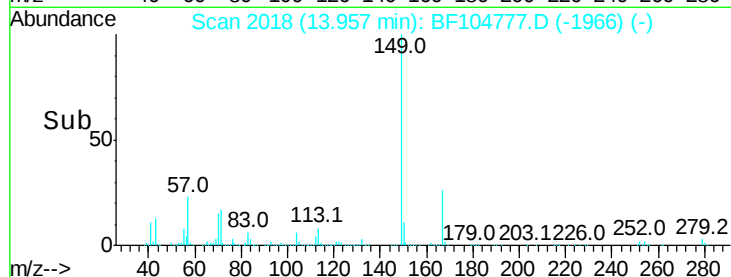
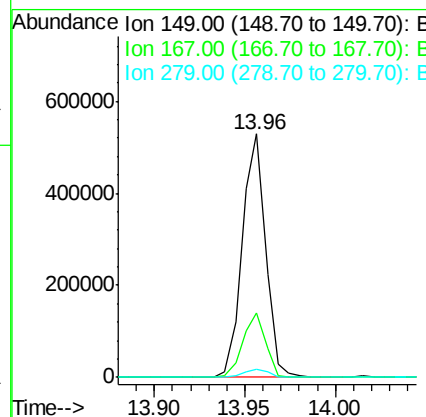
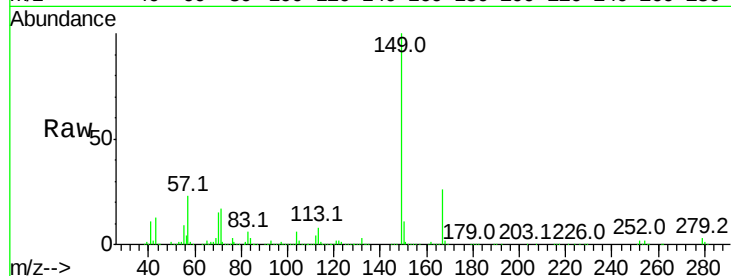




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.523 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

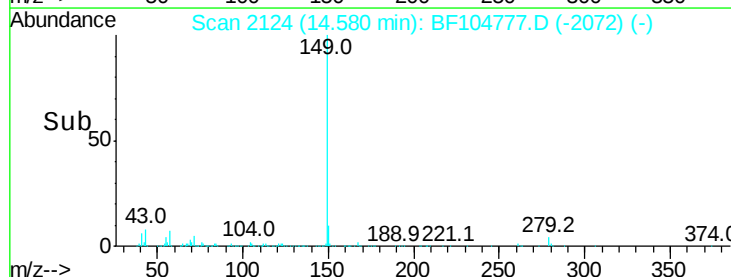
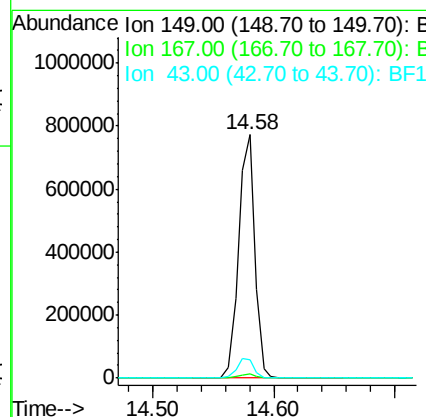
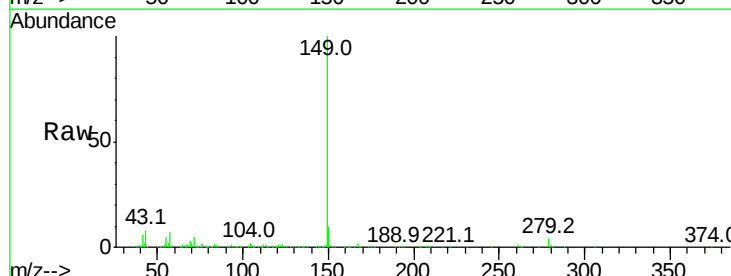
Instrument :
 BNA_F
 ClientSampleId :

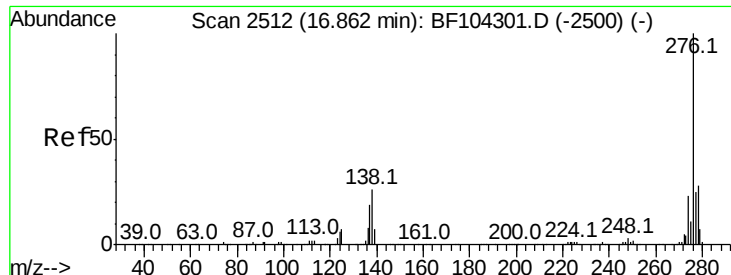
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 41.601 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.2	8.4	12.6

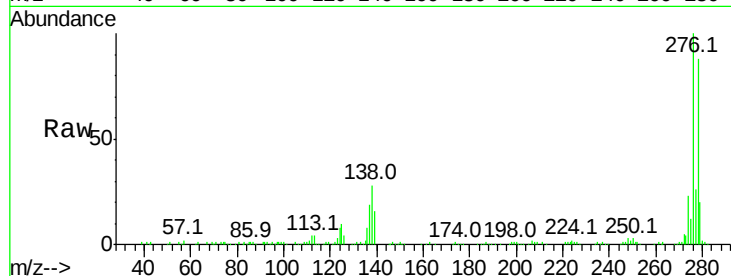




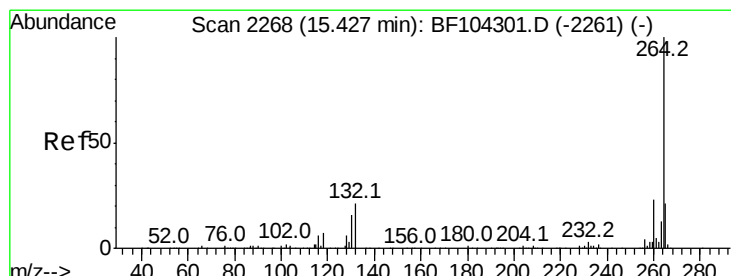
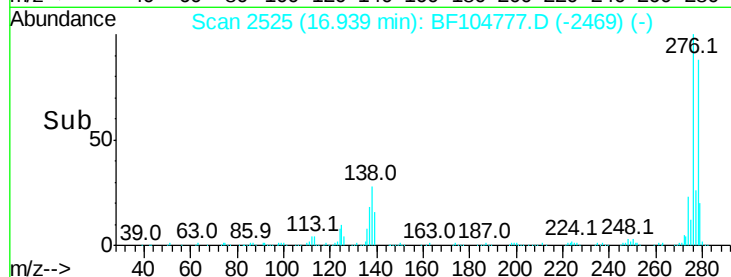
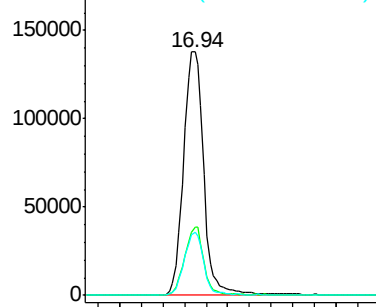
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.552 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.03 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.0	37.6
277	25.0	20.1	30.1

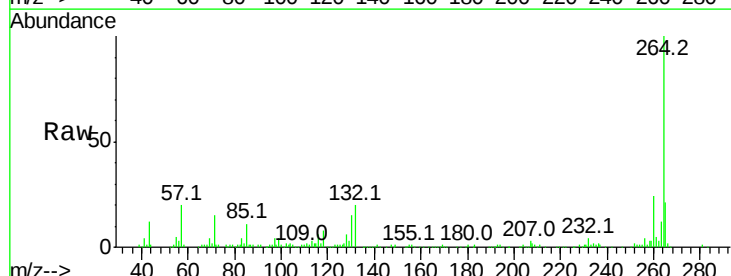


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

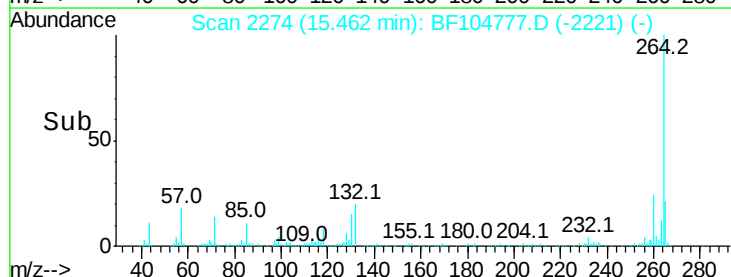
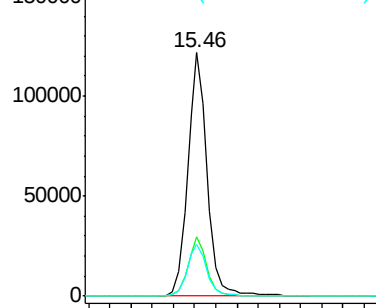


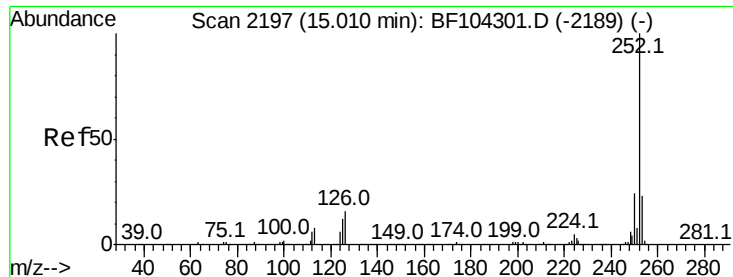
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104777.D
 Acq: 25 Apr 2018 1:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

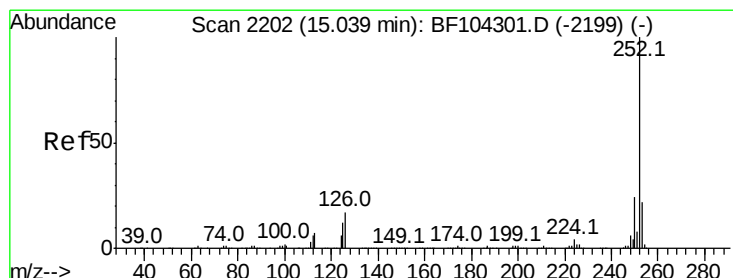
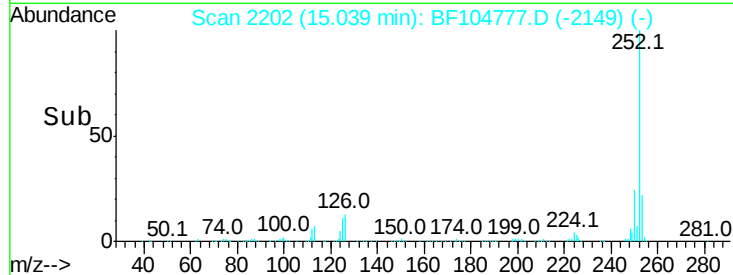
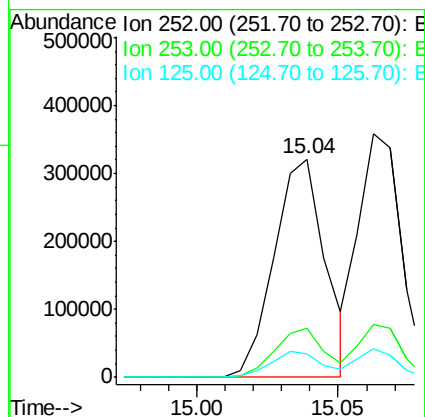
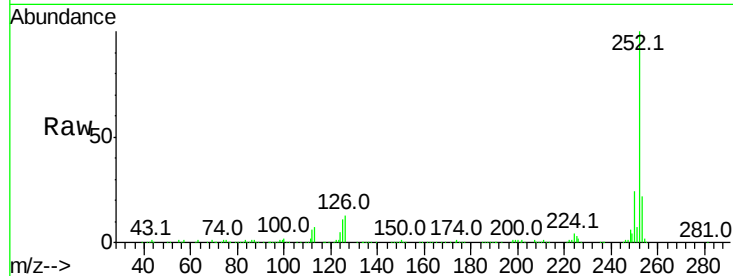




#87
Benzo(b)fluoranthene
Concen: 40.867 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

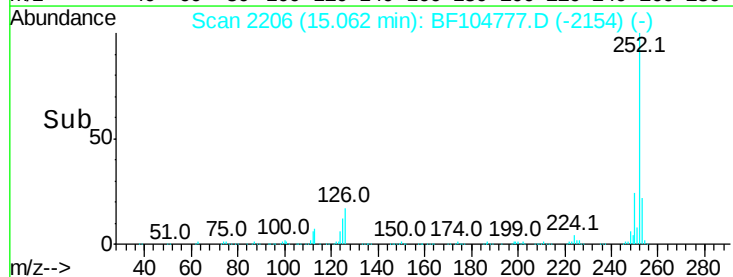
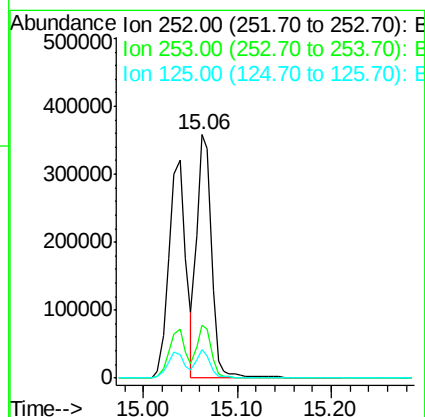
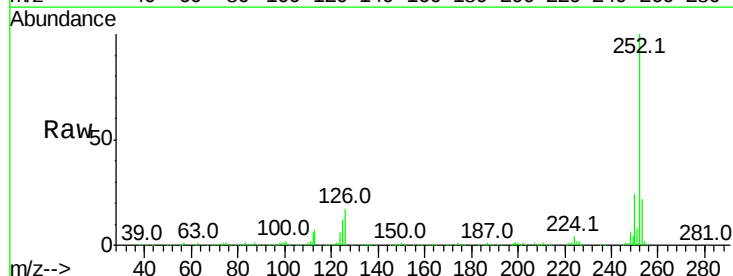
Instrument :
BNA_F
ClientSampled :

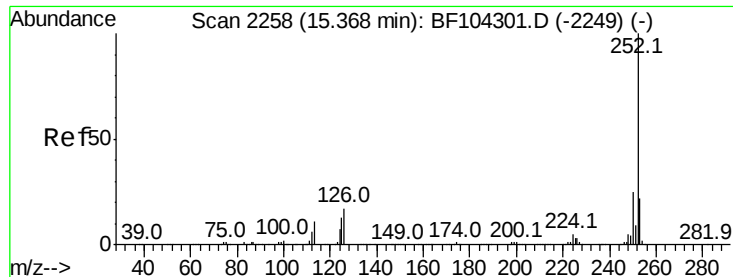
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.7	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 41.684 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.9	10.2	15.2

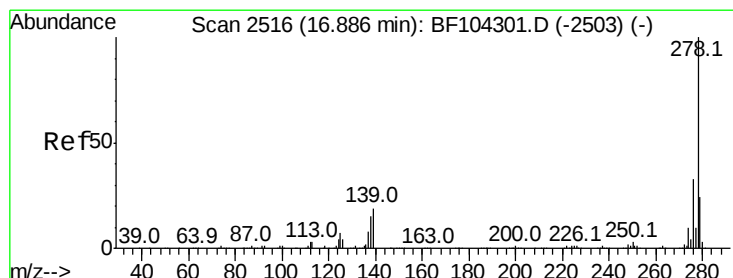
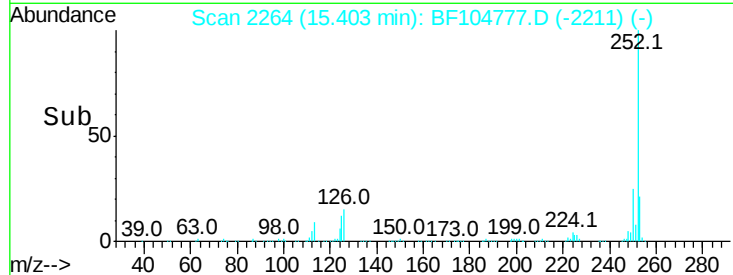
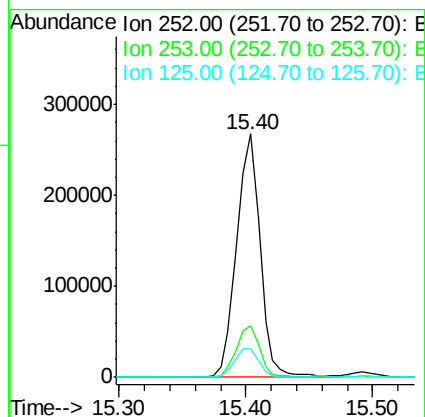
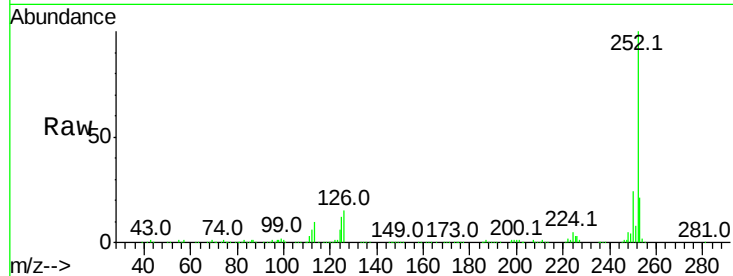




#89
Benzo(a)pyrene
Concen: 38.942 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

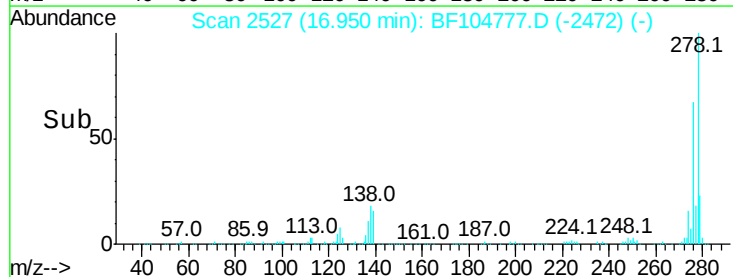
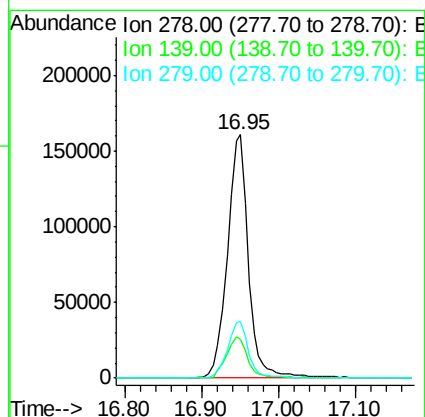
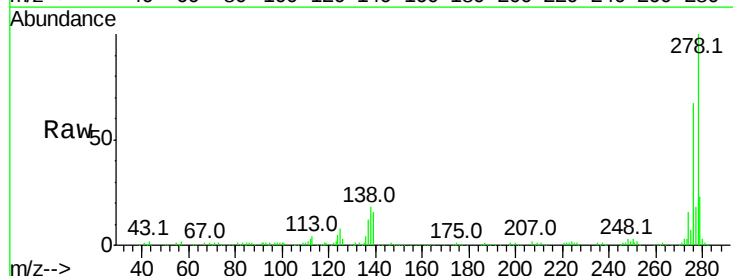
Instrument :
BNA_F
ClientSampleId :

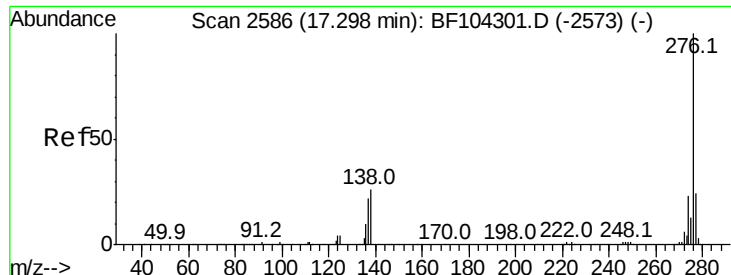
Tot Ion:252 Resp: 344451
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 11.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.122 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.02 min
Lab File: BF104777.D
Acq: 25 Apr 2018 1:30

Tgt Ion:278 Resp: 306004
Ion Ratio Lower Upper
278 100
139 15.9 15.9 23.9#
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 42.684 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.03 min

Lab File: BF104777.D

Acq: 25 Apr 2018 1:30

Instrument :

BNA_F

ClientSampleId :

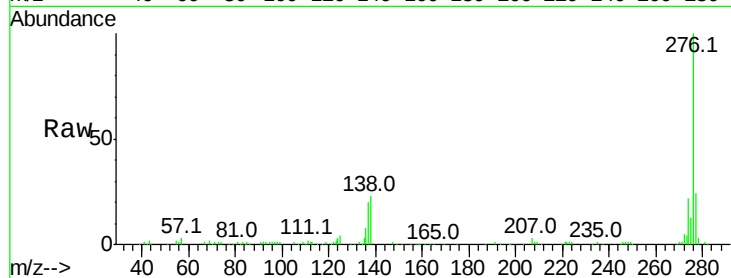
Tot Ion:276 Resp: 300417

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 23.2 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

