

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101765.D
 Acq On : 27 Dec 2017 16:34
 Operator : SJ/JU
 Sample : I6957-04RE MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:03:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	159145	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	623090	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	278203	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	487927	20.00	ng	0.00
75) Chrysene-d12	13.97	240	297318	20.00	ng	0.00
86) Perylene-d12	15.44	264	303903	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	882177	82.57	ng	0.01
7) Phenol-d6	6.44	99	980592	73.75	ng	0.00
23) Nitrobenzene-d5	7.36	82	638220	57.02	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206773	77.13	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1078877	60.16	ng	0.00
78) Terphenyl-d14	12.90	244	873037	70.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	116658	21.250	ng	95
3) Pyridine	3.33	79	290350	19.036	ng	95
4) n-Nitrosodimethylamine	3.28	42	152916	21.774	ng	99
6) Aniline	6.46	93	273893	14.823	ng	# 73
8) 2-Chlorophenol	6.58	128	296990	26.426	ng	99
9) Benzaldehyde	6.35	77	182468	18.582	ng	97
10) Phenol	6.45	94	409293	27.007	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	300062	25.242	ng	97
12) 1,3-Dichlorobenzene	6.73	146	333737	26.311	ng	100
13) 1,4-Dichlorobenzene	6.80	146	345923	26.706	ng	99
14) 1,2-Dichlorobenzene	6.96	146	311158	26.688	ng	99
15) Benzyl Alcohol	6.95	79	237828	25.986	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	510871	28.080	ng	49
17) 2-Methylphenol	7.06	107	239535	23.170	ng	# 85
18) Hexachloroethane	7.29	117	118477	26.308	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	219072	25.088	ng	91
20) 3+4-Methylphenols	7.22	107	334047	30.493	ng	97
22) Acetophenone	7.20	105	427104	30.041	ng	# 96
24) Nitrobenzene	7.38	77	325690	26.290	ng	99
25) Isophorone	7.62	82	591811	26.356	ng	99
26) 2-Nitrophenol	7.70	139	160431	30.144	ng	99
27) 2,4-Dimethylphenol	7.73	122	246183	27.227	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	378435	26.531	ng	98
29) 2,4-Dichlorophenol	7.95	162	251142	28.114	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	259511	27.529	ng	97
31) Naphthalene	8.09	128	859967	27.415	ng	100
32) Benzoic acid	7.73	122	246183	41.668	ng	# 14
33) 4-Chloroaniline	8.16	127	169908	12.462	ng	99
34) Hexachlorobutadiene	8.20	225	152011	27.881	ng	99
35) Caprolactam	8.53	113	81436	26.255	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	261966	26.682	ng	98
37) 2-Methylnaphthalene	8.79	142	576138	28.191	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	273968	29.168	ng	98
40) Hexachlorocyclopentadiene	8.93	237	30145	29.943	ng	93

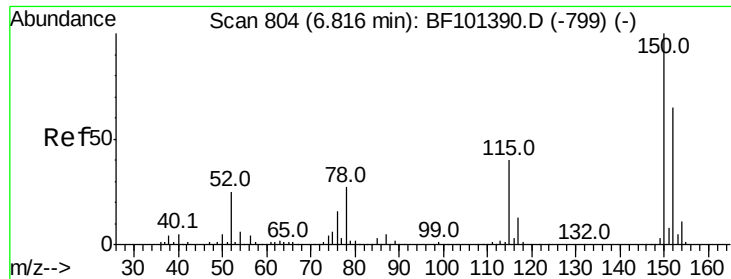
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101765.D
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Quant Time: Dec 28 04:03:54 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	150090	26.542	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	134426	21.711	nq	95
45) 1,1'-Biphenyl	9.25	154	686511	27.825	nq	100
46) 2-Chloronaphthalene	9.27	162	513798	27.216	nq	99
47) 2-Nitroaniline	9.39	65	169554	25.999	nq	97
48) Acenaphthylene	9.69	152	751924	25.217	nq	100
49) Dimethylphthalate	9.55	163	756087	33.788	nq	99
50) 2,6-Dinitrotoluene	9.63	165	124917	27.466	nq	90
51) Acenaphthene	9.86	154	468438	26.149	nq	100
52) 3-Nitroaniline	9.80	138	110308	19.453	nq	99
53) 2,4-Dinitrophenol	10.10	184	156	10.406	nq #	1
54) Dibenzofuran	10.03	168	667083	29.301	nq	96
55) 4-Nitrophenol	10.03	139	339712	137.395	nq #	17
56) 2,4-Dinitrotoluene	10.05	165	167949	32.776	nq #	95
57) Fluorene	10.38	166	546510	28.377	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	69802	15.691	nq #	85
59) Diethylphthalate	10.25	149	558566	25.206	nq	95
60) 4-Chlorophenyl-phenylether	10.36	204	263893	28.590	nq	93
61) 4-Nitroaniline	10.42	138	99952	17.537	nq	95
62) Azobenzene	10.53	77	790455	34.433	nq	94
65) n-Nitrosodiphenylamine	10.49	169	488443	27.111	nq	95
66) 4-Bromophenyl-phenylether	10.86	248	160528	29.280	nq #	83
67) Hexachlorobenzene	10.93	284	165520	28.526	nq #	89
68) Atrazine	11.02	200	152571	28.401	nq	97
69) Pentachlorophenol	11.16	266	4613	8.433	nq #	80
70) Phenanthrene	11.35	178	751864	27.709	nq	99
71) Anthracene	11.40	178	737102	26.594	nq	100
72) Carbazole	11.56	167	566990	21.849	nq	99
73) Di-n-butylphthalate	11.87	149	895196	28.422	nq	99
74) Fluoranthene	12.54	202	664547	23.333	nq	99
76) Benzidine	12.67	184	68347	5.443	nq #	93
77) Pyrene	12.77	202	642782	28.807	nq	99
79) Butylbenzylphthalate	13.37	149	281305	27.862	nq	95
80) Benzo(a)anthracene	13.96	228	378613	19.285	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	106130	16.579	nq	96
82) Chrysene	14.00	228	374983	20.229	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	420069	32.848	nq	98
84) Di-n-octyl phthalate	14.53	149	615356	26.981	nq	99
85) Indeno(1,2,3-cd)pyrene	16.94	276	72458	4.390	nq	98
87) Benzo(b)fluoranthene	15.02	252	231458	12.495	nq	99
88) Benzo(k)fluoranthene	15.04	252	217060	12.052	nq	96
89) Benzo(a)pyrene	15.39	252	166973	9.778	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	70478	4.807	nq	98
91) Benzo(g,h,i)perylene	17.40	276	56353	3.882	nq	96

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

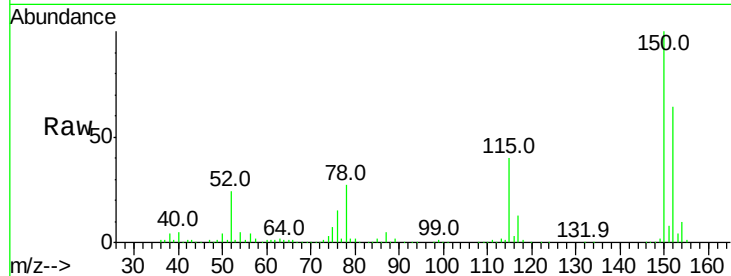


#1

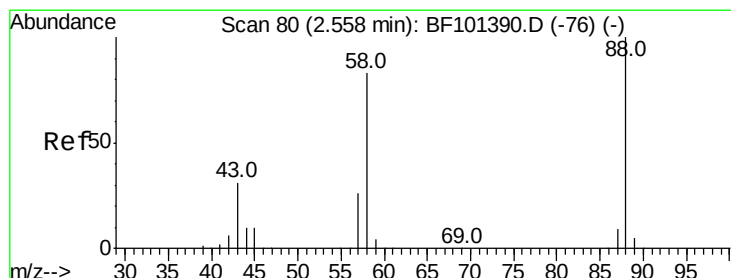
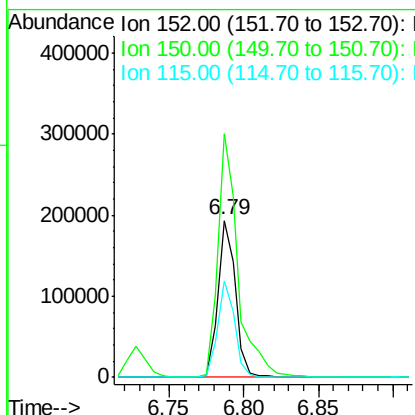
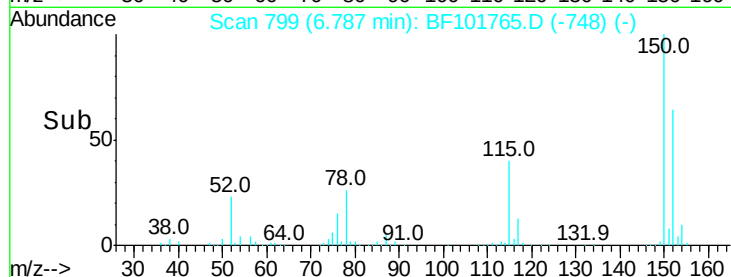
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 159145
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 61.6 50.1 75.1



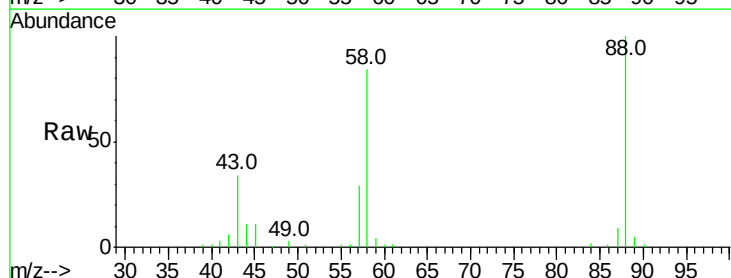
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



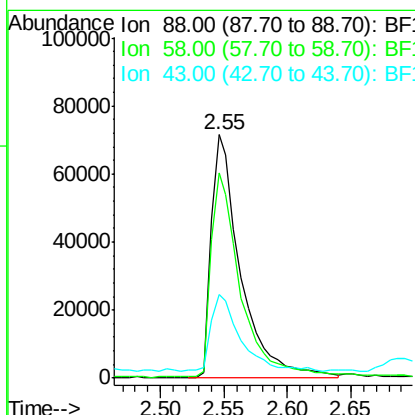
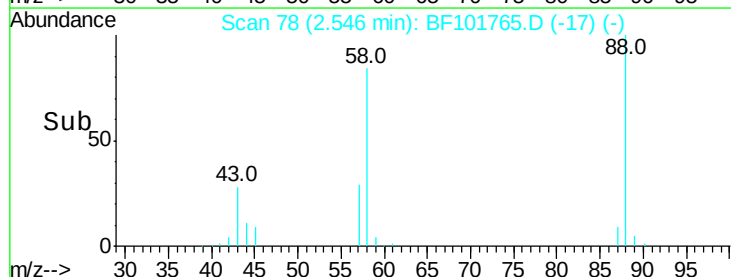
#2

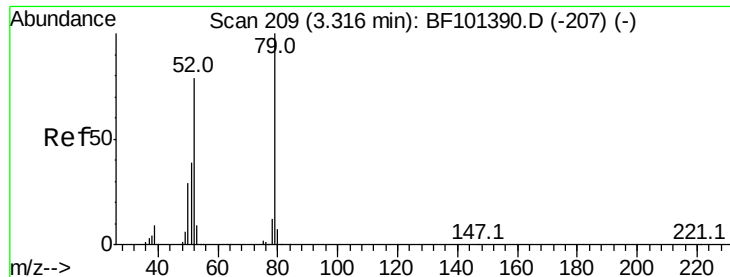
1,4-Dioxane
Concen: 21.250 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.06 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion: 88 Resp: 116658
Ion Ratio Lower Upper
88 100
58 84.0 62.6 93.8
43 31.9 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

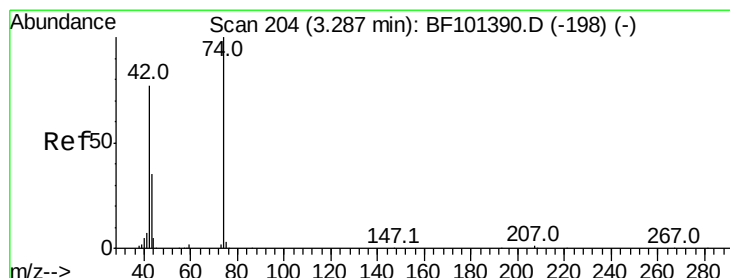
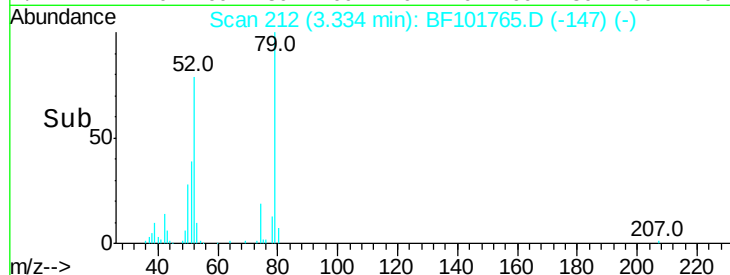
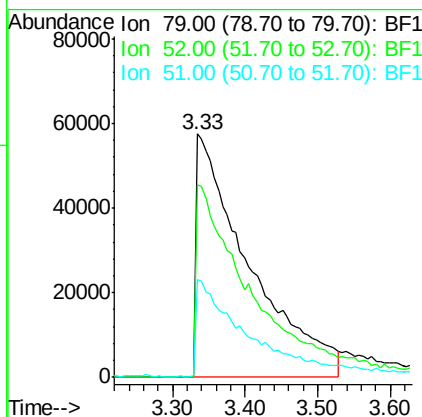
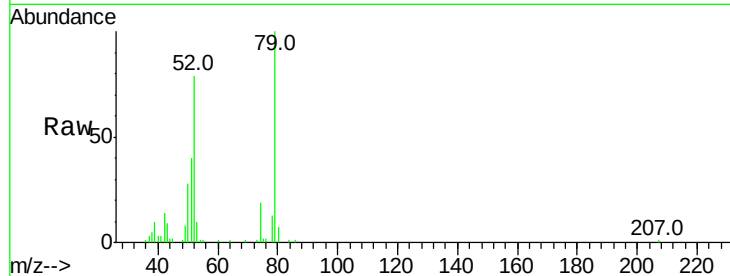




#3
 Pvridine
 Concen: 19.036 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

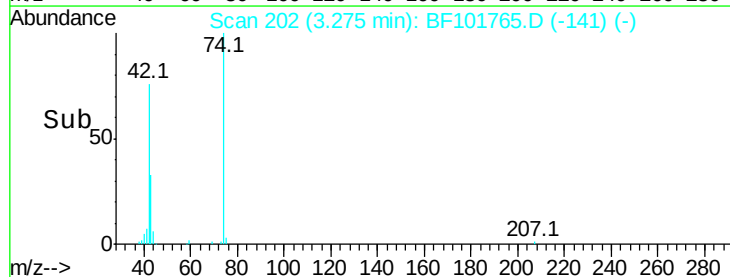
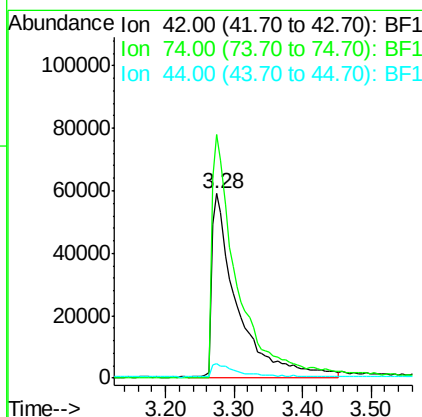
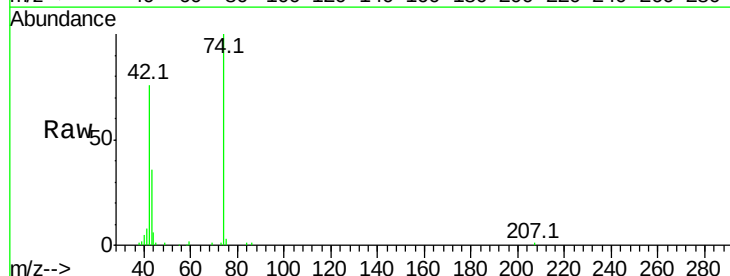
Instrument :
 BNA_F
 ClientSampleId :

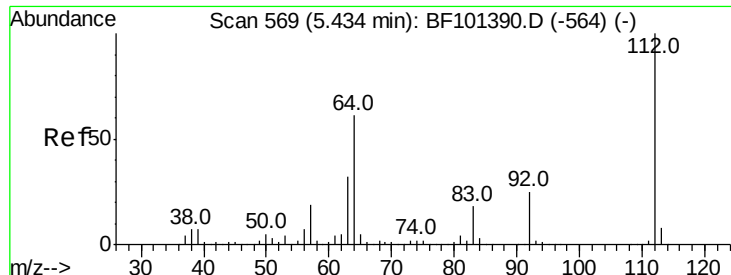
Tot Ion	Ratio	Lower	Upper
79	100		
52	79.0	59.8	89.6
51	40.0	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 21.774 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.06 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.2	104.9	157.3
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 82.571 ng

RT: 5.42 min Scan# 566

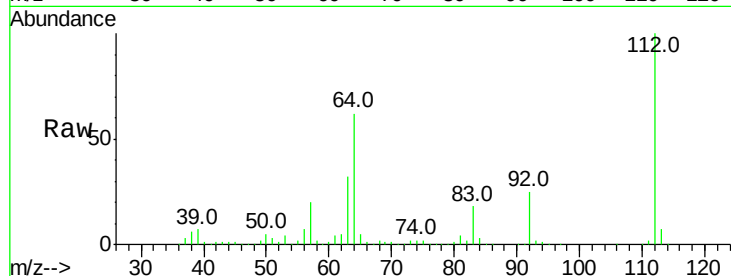
Delta R.T. 0.01 min

Lab File: BF101765.D

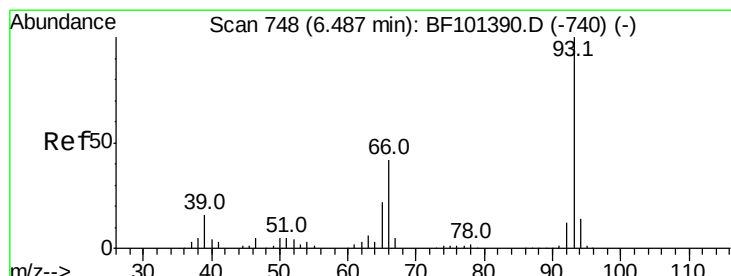
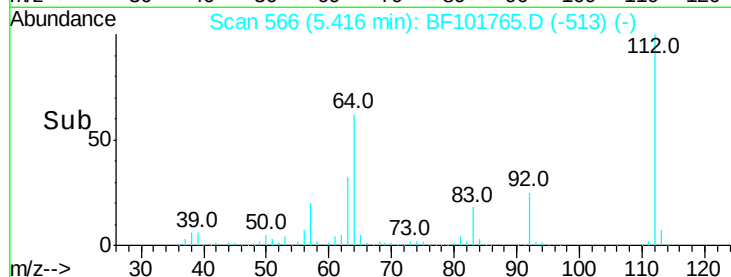
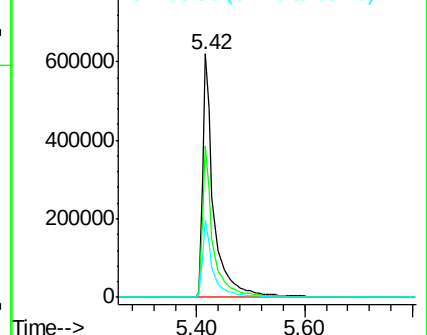
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	882177
Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.823 ng

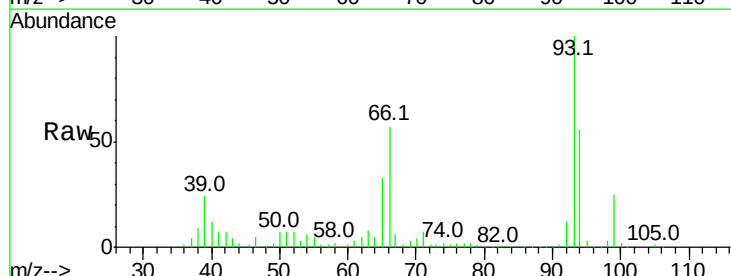
RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

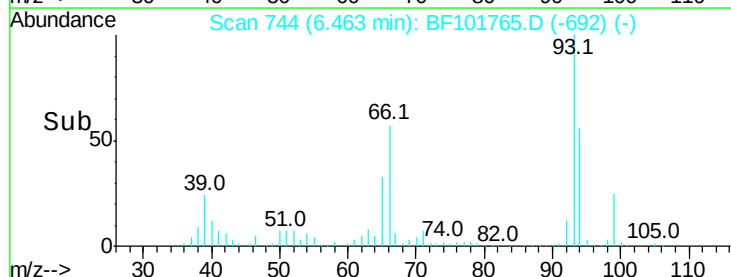
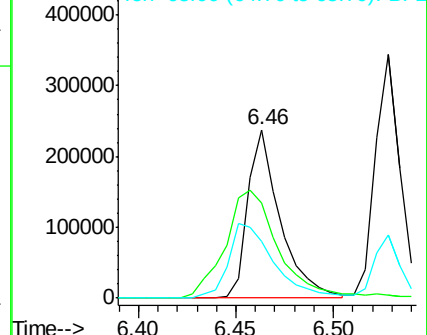
Lab File: BF101765.D

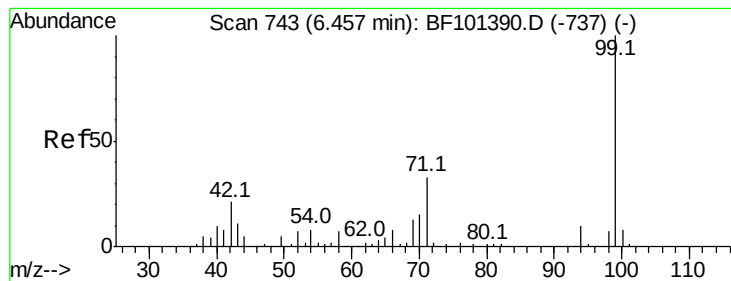
Acq: 27 Dec 2017 16:34

Tgt Ion:	93	Resp:	273893
Ion	Ratio	Lower	Upper
93	100		
66	56.7	32.2	48.2#
65	33.3	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.748 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampled :

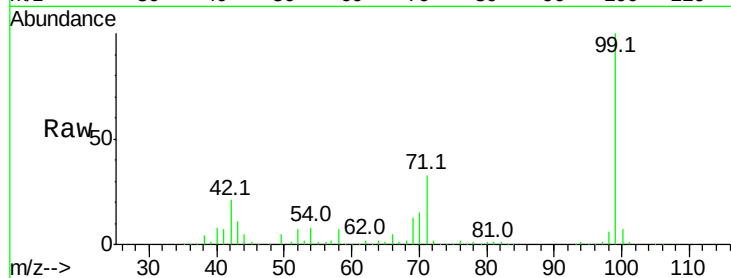
Tot Ion: 99 Resp: 980592

Ion Ratio Lower Upper

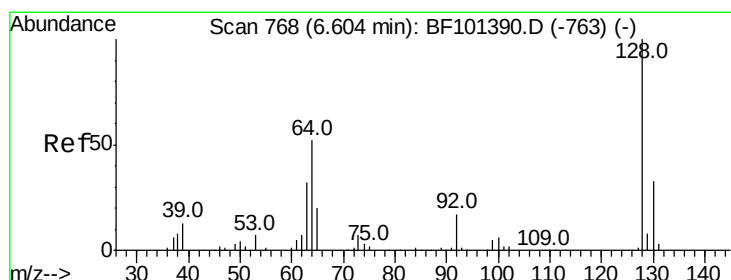
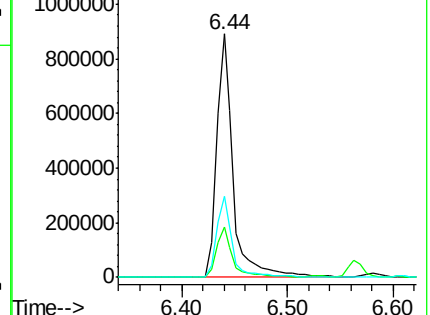
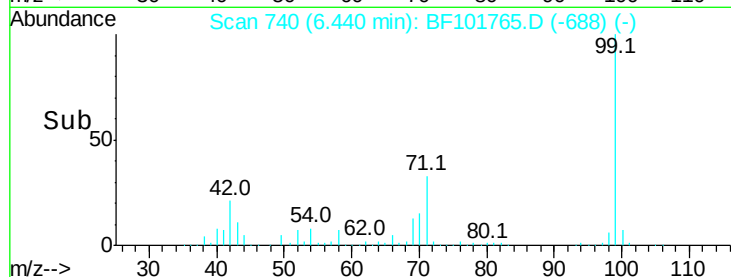
99 100

42 20.8 14.5 21.7

71 33.3 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: 26.426 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

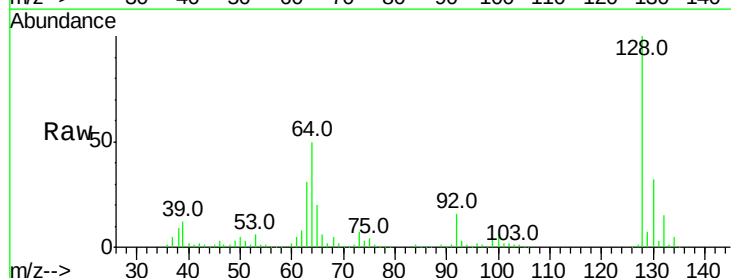
Tgt Ion: 128 Resp: 296990

Ion Ratio Lower Upper

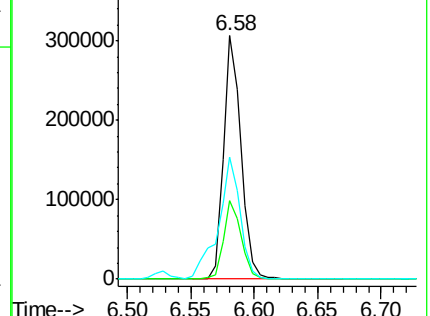
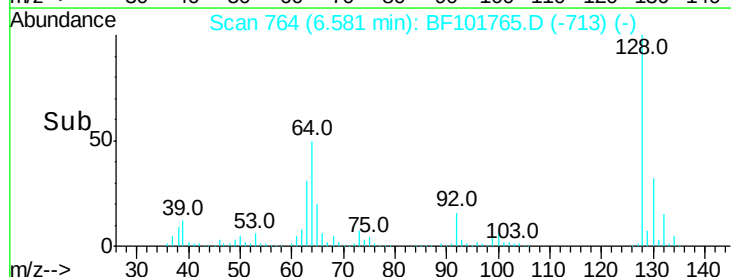
128 100

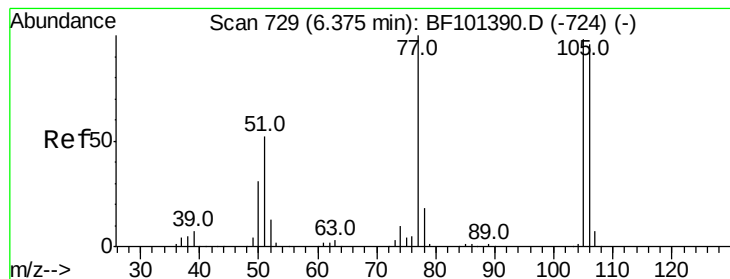
130 32.0 13.0 53.0

64 49.9 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: 18.582 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

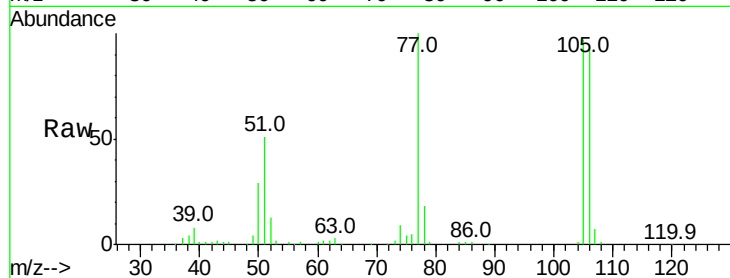
Tot Ion: 77 Resp: 182468

Ion Ratio Lower Upper

77 100

105 96.9 81.1 121.1

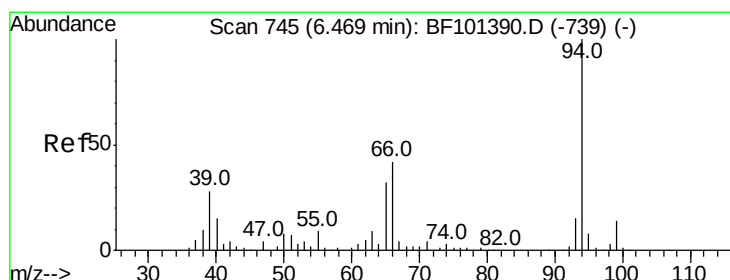
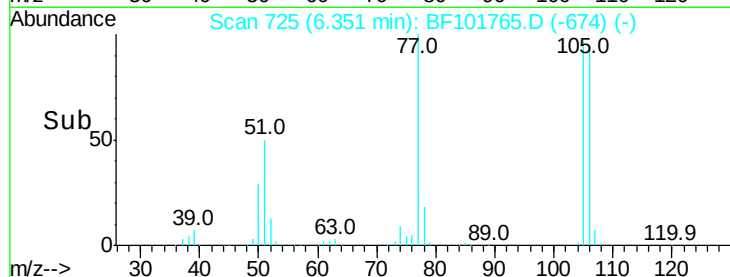
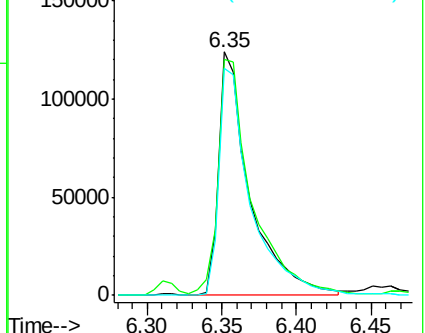
106 93.2 74.5 114.5



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: 27.007 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

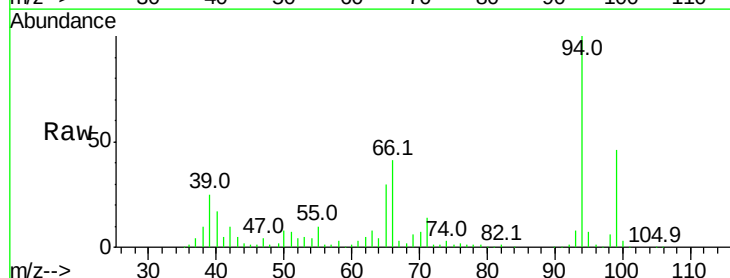
Tgt Ion: 94 Resp: 409293

Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

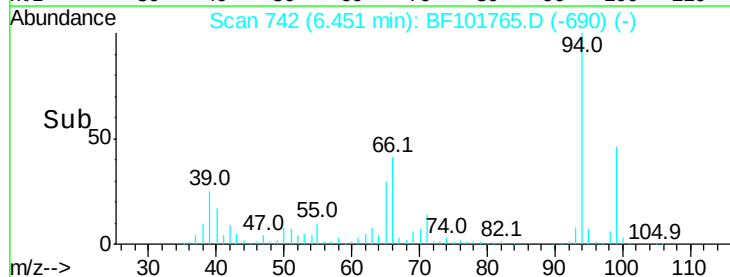
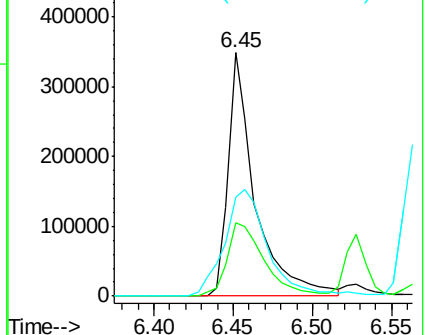
66 40.6 16.2 56.2

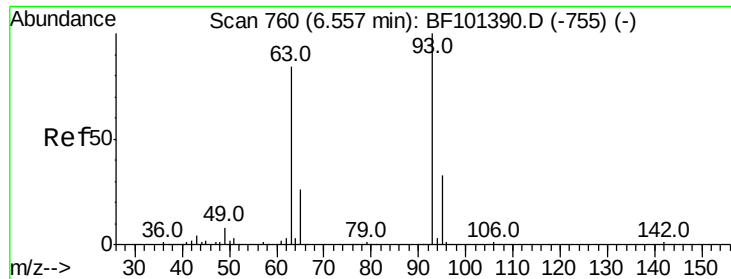


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

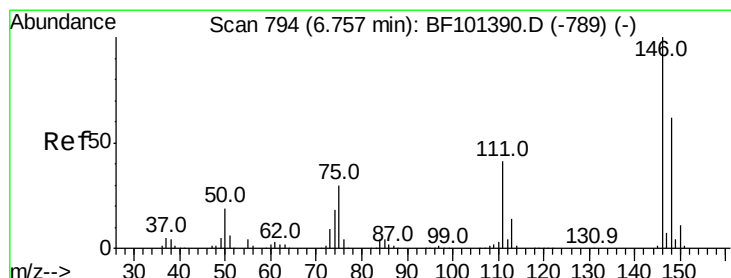
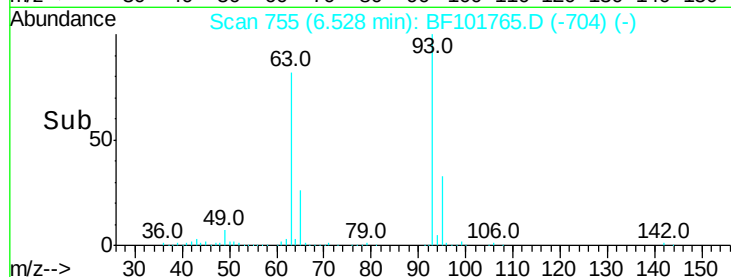
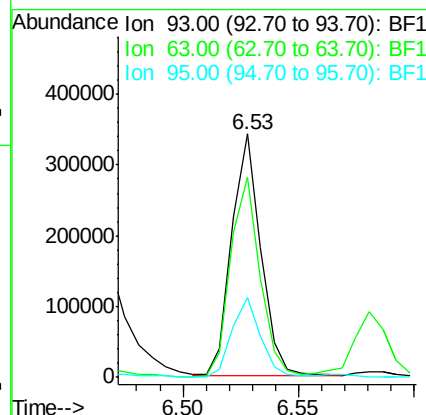
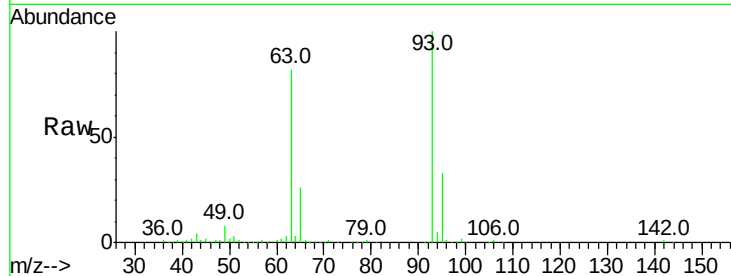




#11
bis(2-Chloroethyl)ether
Concen: 25.242 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

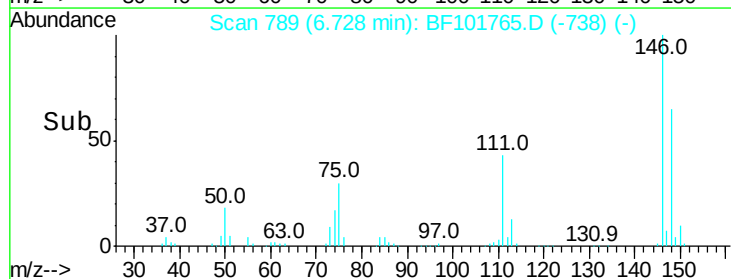
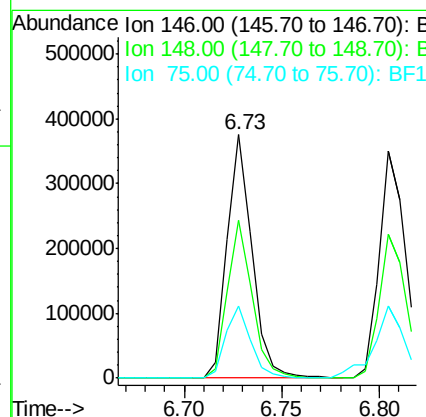
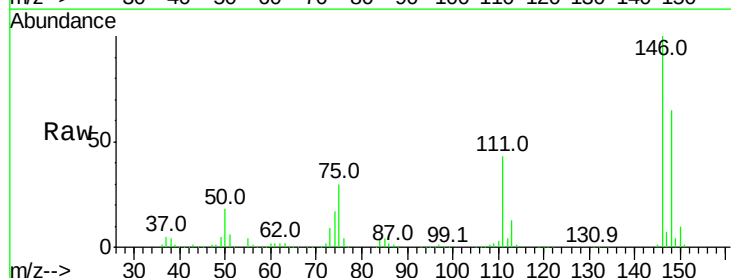
Instrument :
BNA_F
ClientSampleId :

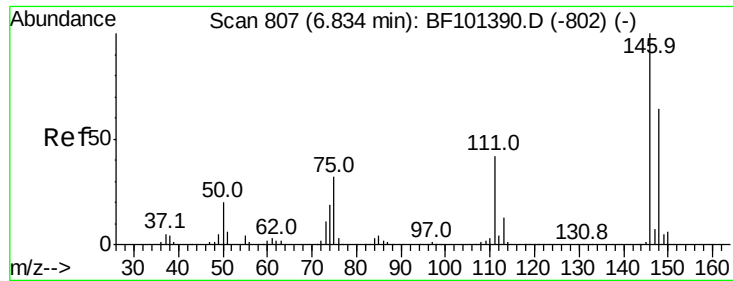
Tot Ion: 93 Resp: 300062
Ion Ratio Lower Upper
93 100
63 82.1 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 26.311 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion: 146 Resp: 333737
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 26.706 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

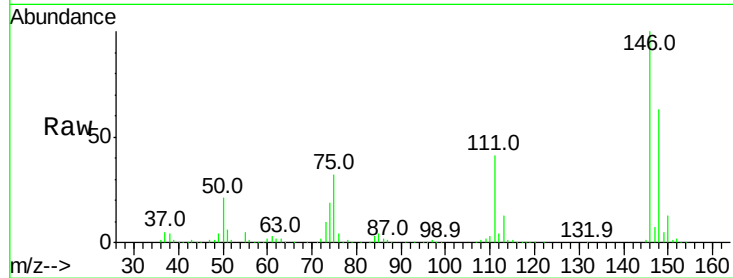
Tot Ion:146 Resp: 345923

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

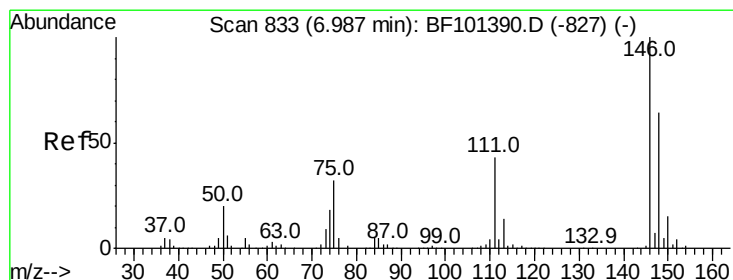
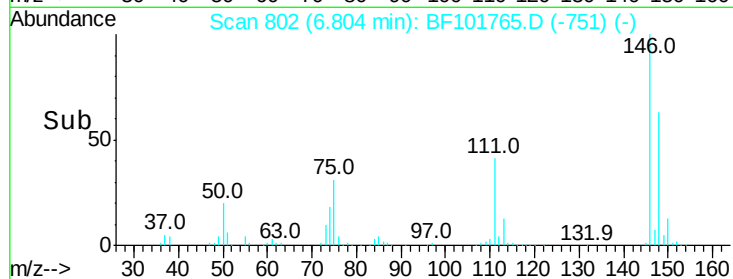
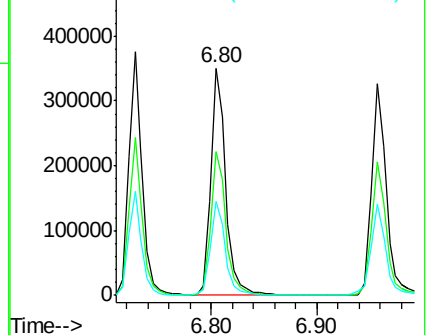
111 41.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 26.688 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

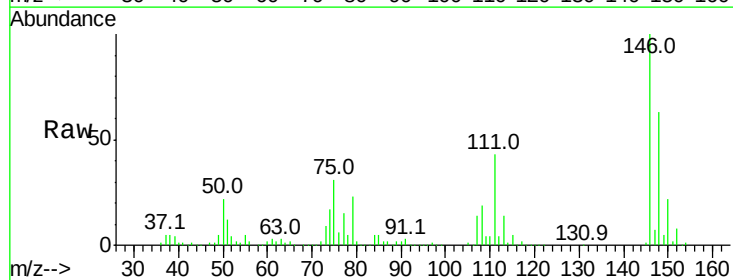
Tgt Ion:146 Resp: 311158

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

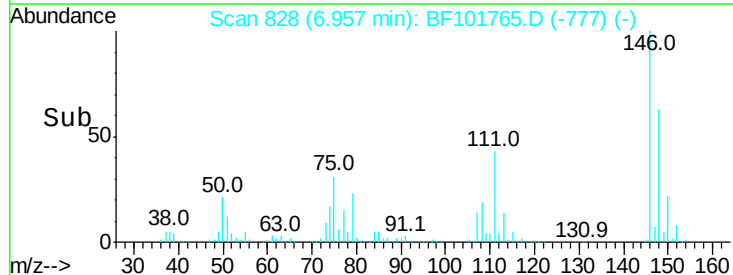
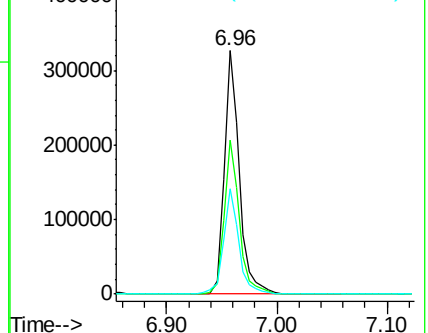
111 43.0 36.0 54.0

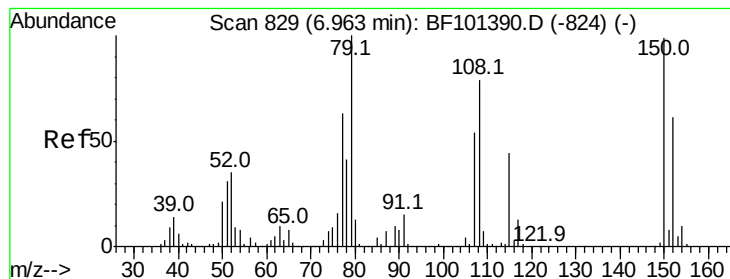


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.986 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :

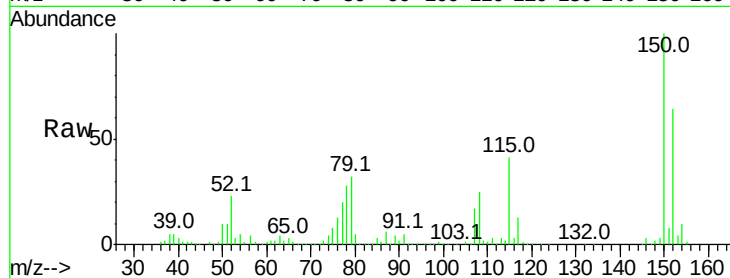
Tot Ion: 79 Resp: 237828

Ion Ratio Lower Upper

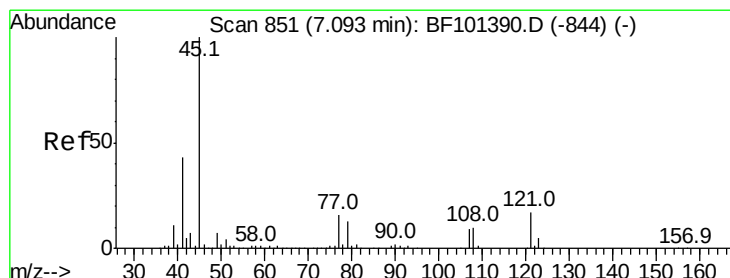
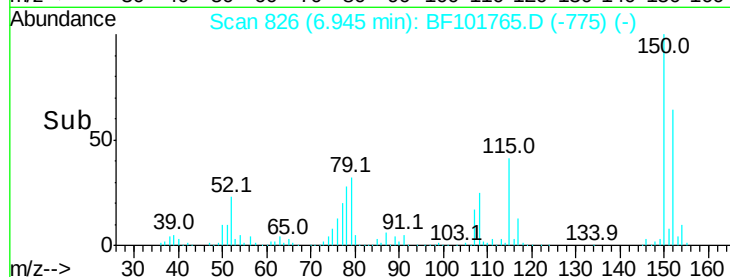
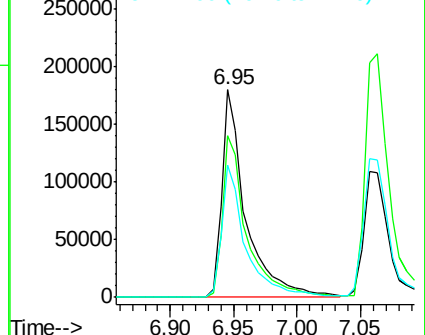
79 100

108 78.0 65.1 97.7

77 63.9 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.080 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

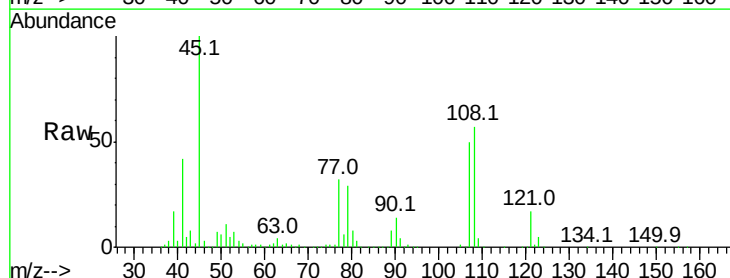
Tgt Ion: 45 Resp: 510871

Ion Ratio Lower Upper

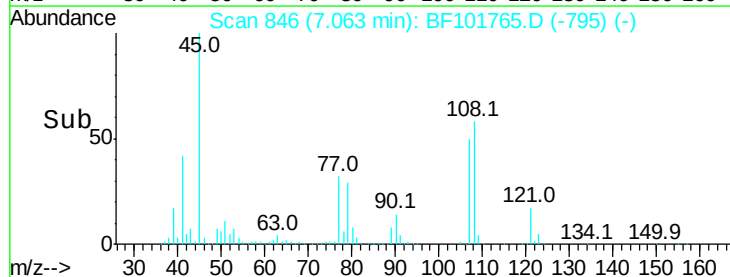
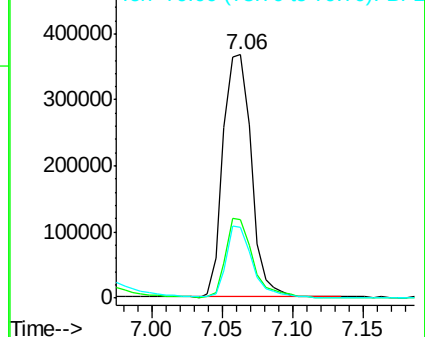
45 100

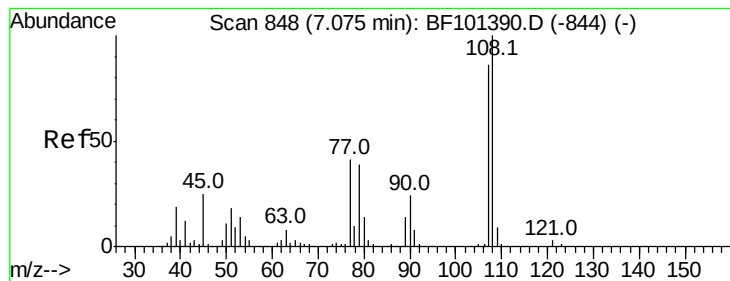
77 32.2 0.0 32.9

79 29.2 0.0 29.6



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

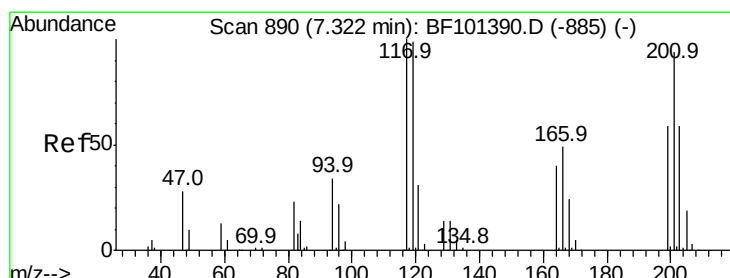
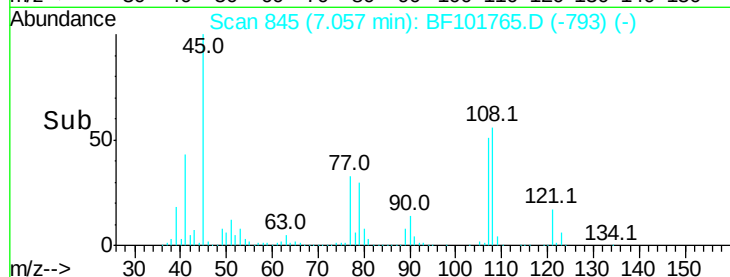
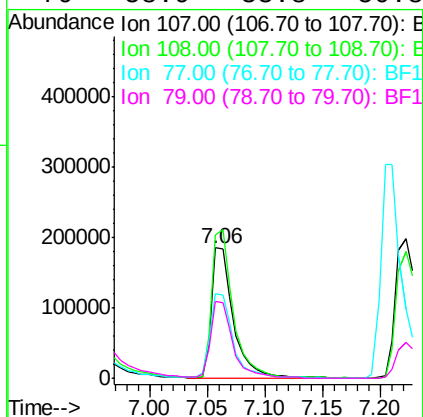
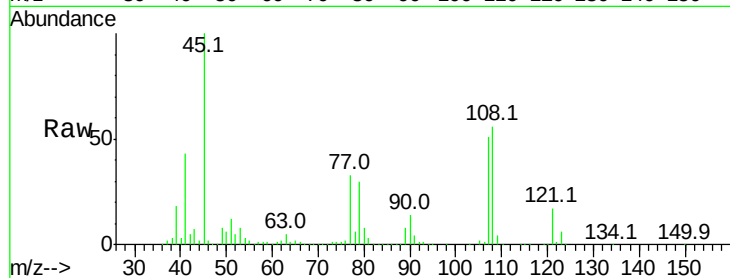




#17
2-Methylphenol
Concen: 23.170 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

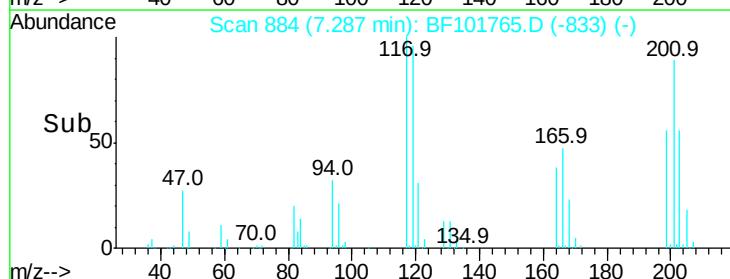
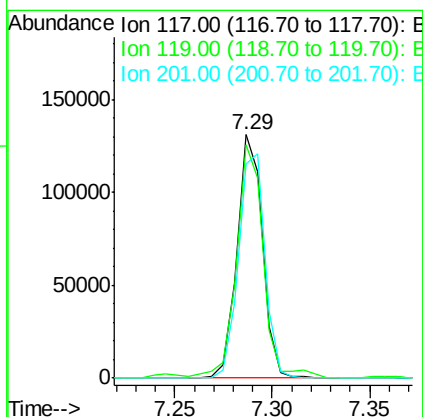
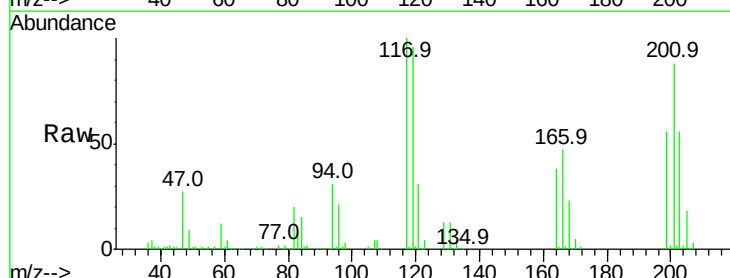
Instrument :
BNA_F
ClientSampled :

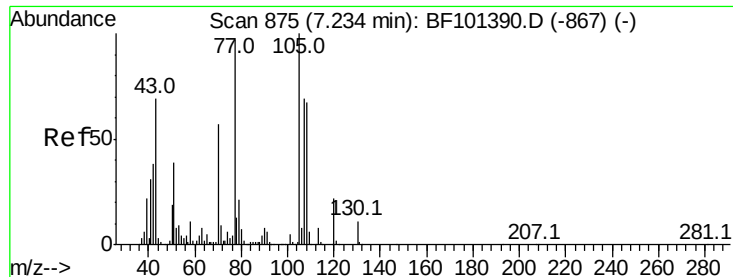
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.7	137.5
77	65.0	33.8	50.8#
79	58.9	33.8	50.8#



#18
Hexachloroethane
Concen: 26.308 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	88.2	75.7	113.5

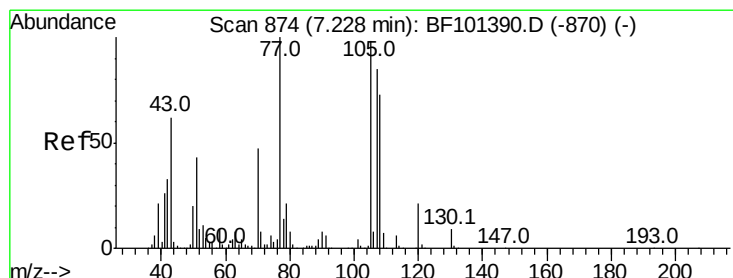
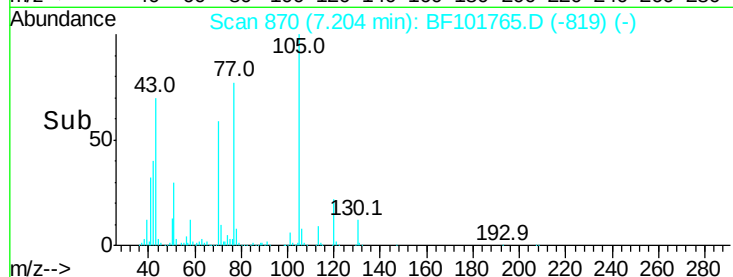
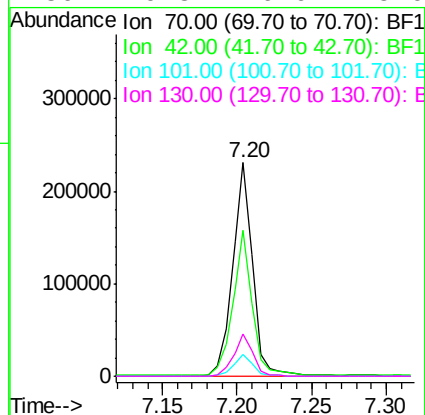
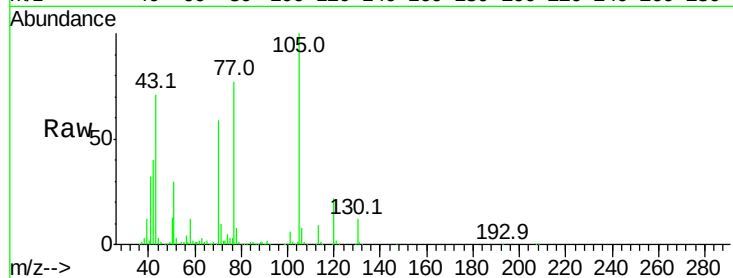




#19
n-Nitroso-di-n-propylamine
Concen: 25.088 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

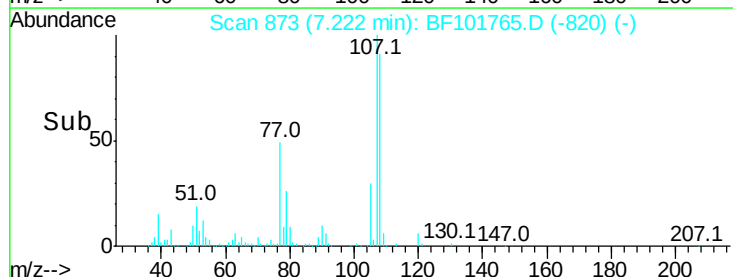
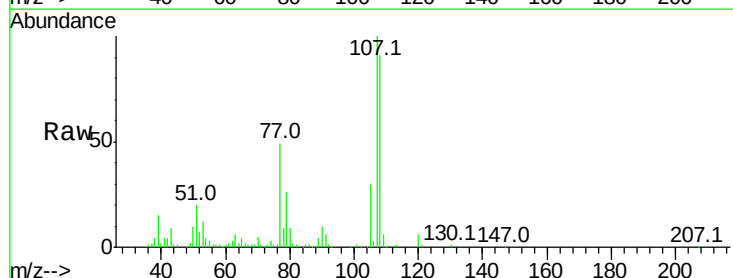
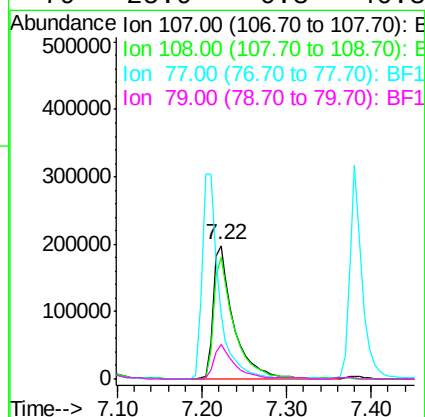
Instrument :
BNA_F
ClientSampleId :

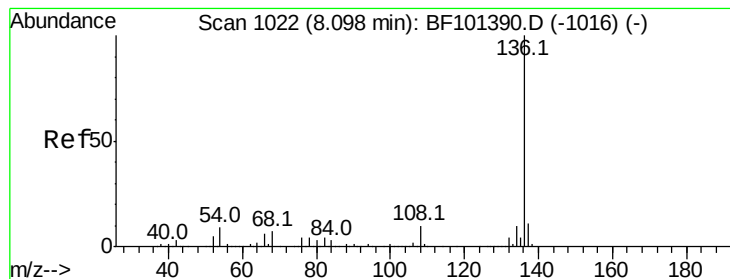
Tot Ion:	70	Resp:	219072
Ion	Ratio	Lower	Upper
70	100		
42	68.6	47.5	71.3
101	10.1	7.4	11.2
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.493 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:	107	Resp:	334047
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	49.0	26.7	66.7
79	25.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 623090

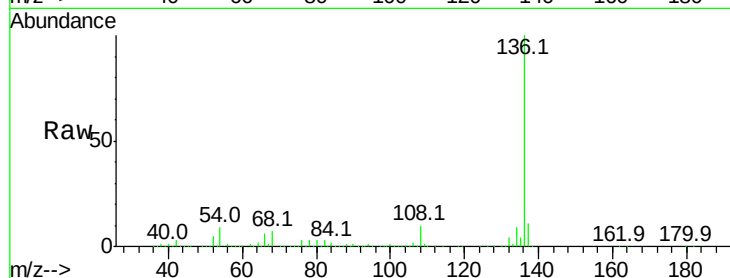
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 7.1 5.0 7.4

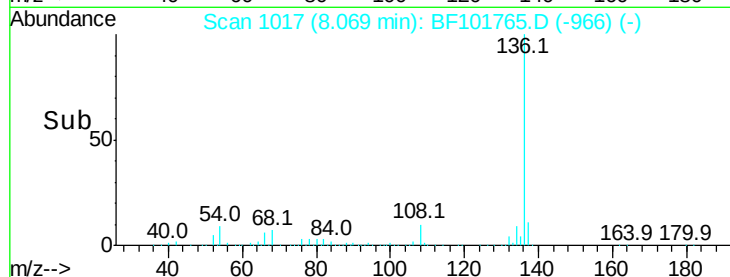


Abundance Ion 136.00 (135.70 to 136.70): E

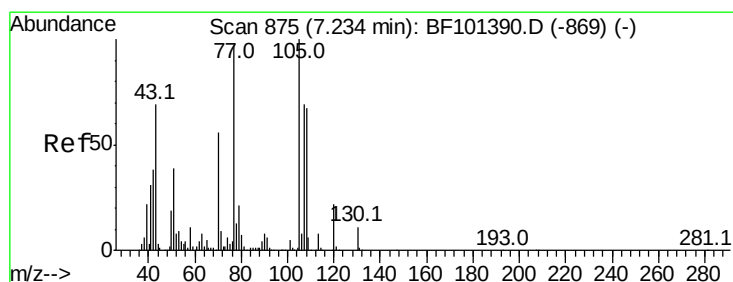
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 30.041 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Tgt Ion:105 Resp: 427104

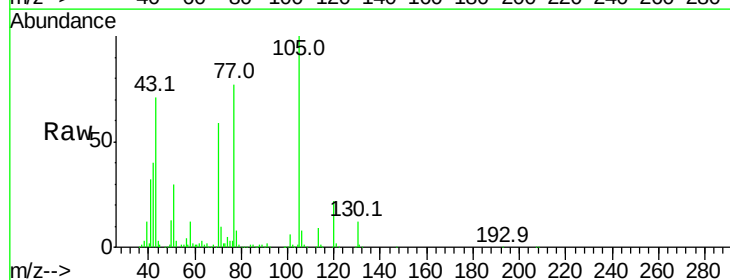
Ion Ratio Lower Upper

105 100

71 10.1 4.4 6.6#

51 30.1 22.3 33.5

120 21.8 16.9 25.3

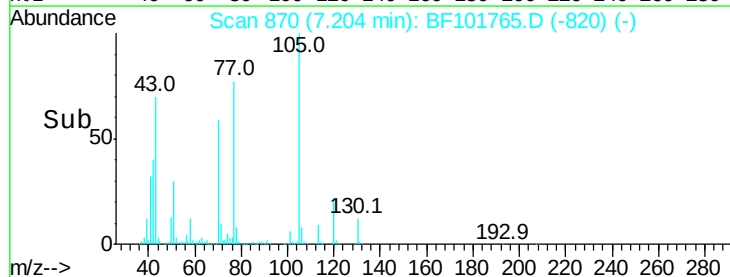


Abundance Ion 105.00 (104.70 to 105.70): E

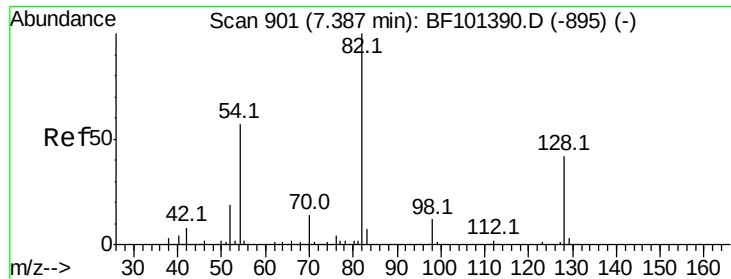
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



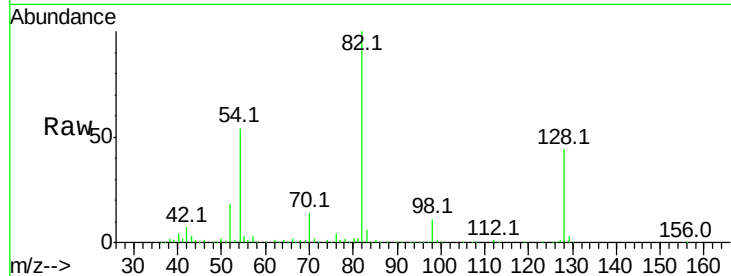
Time-->



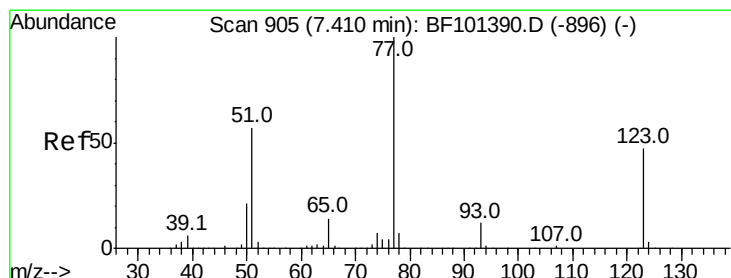
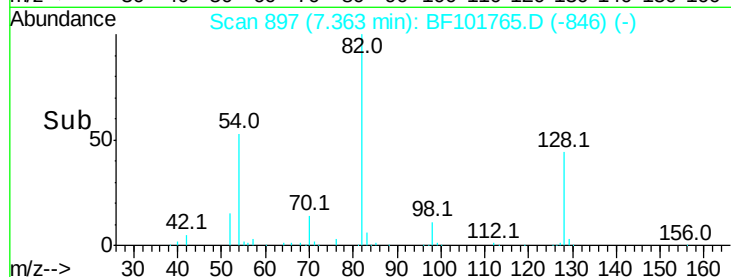
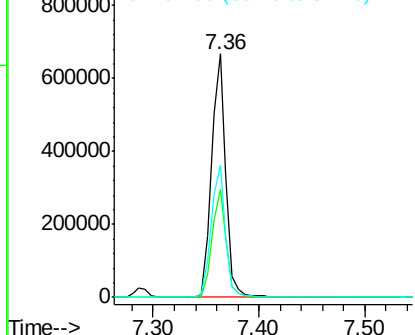
#23
 Nitrobenzene-d5
 Concen: 57.017 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 638220
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 54.2 41.4 62.2

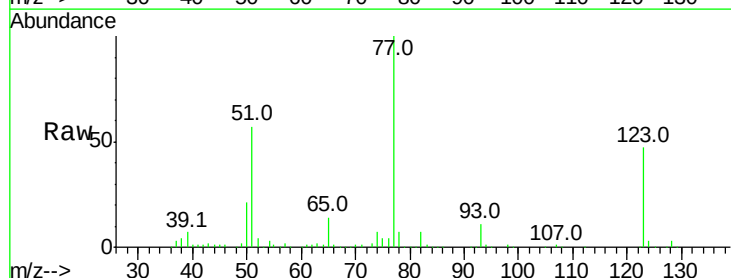


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

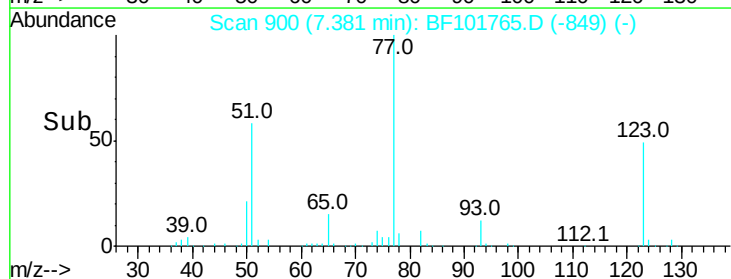
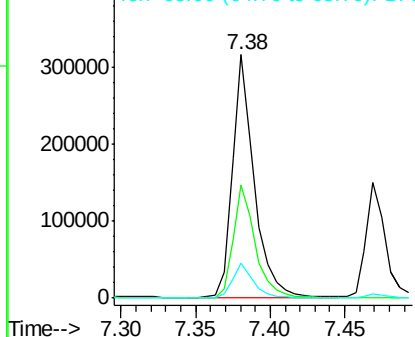


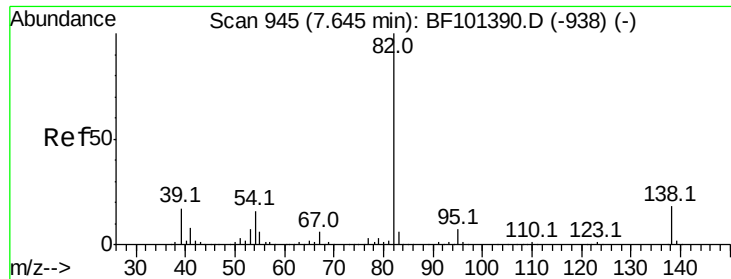
#24
 Nitrobenzene
 Concen: 26.290 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion: 77 Resp: 325690
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.9 56.9
 65 14.2 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: 26.356 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

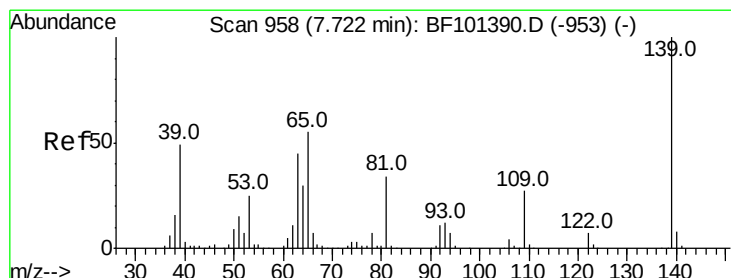
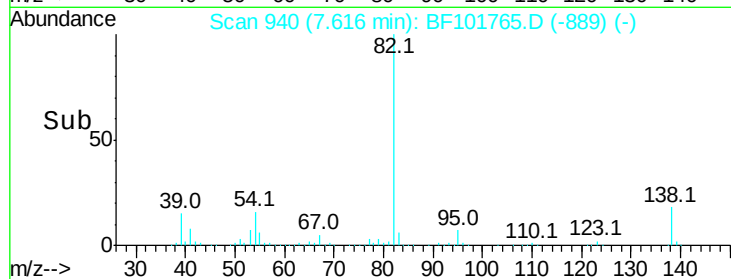
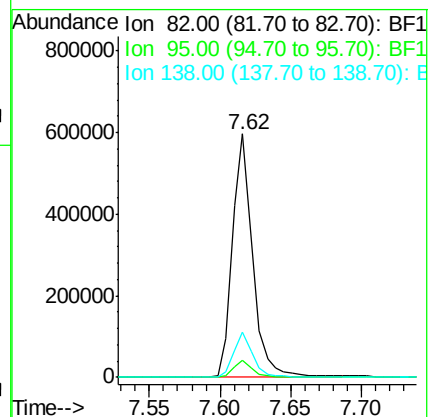
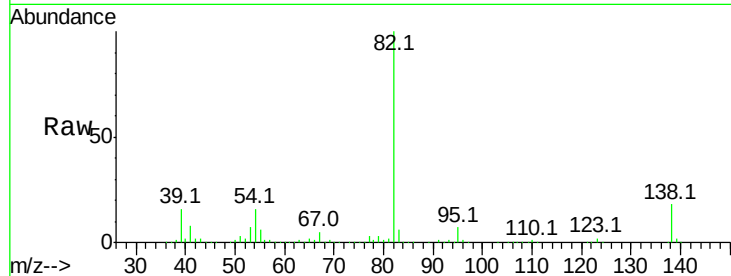
Tot Ion: 82 Resp: 591811

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 30.144 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

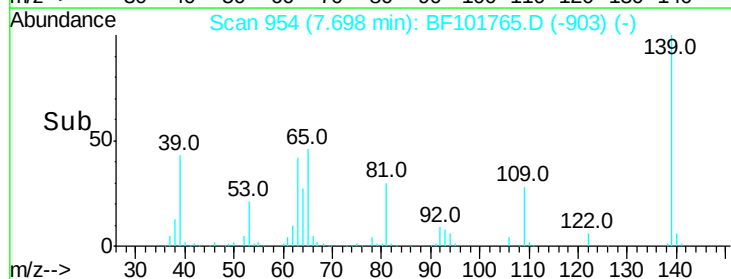
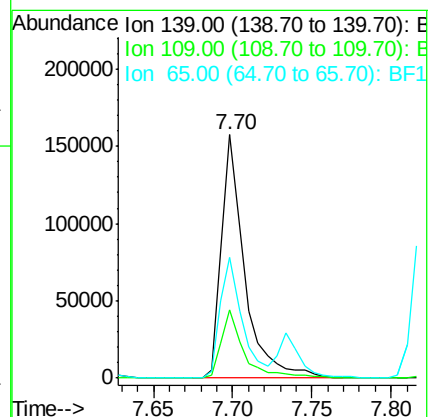
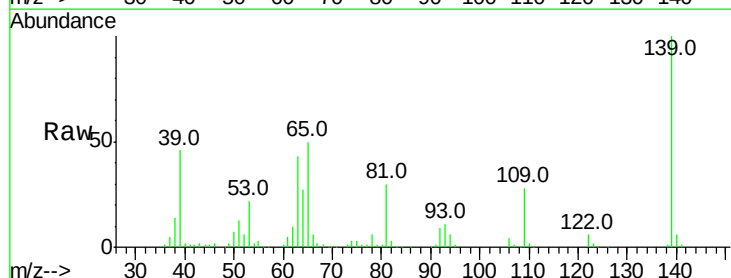
Tgt Ion: 139 Resp: 160431

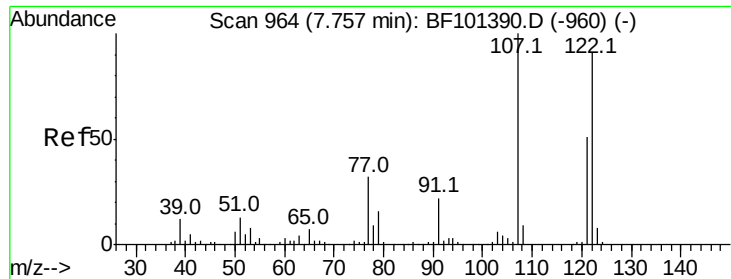
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 49.7 40.5 60.7

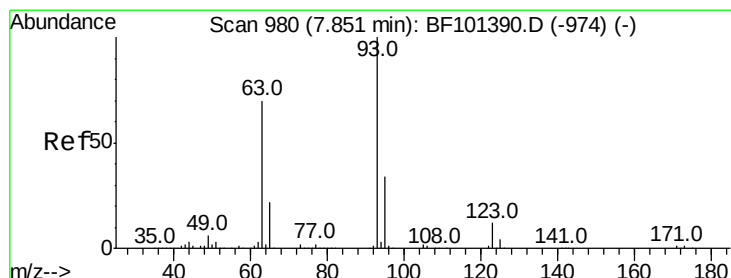
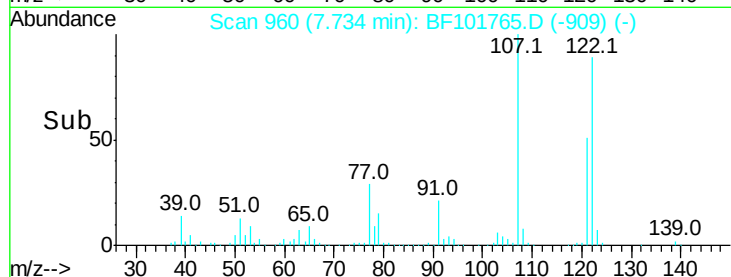
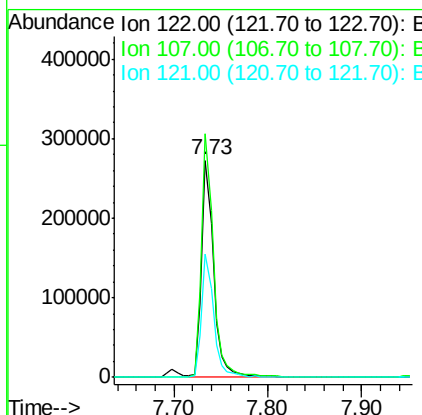
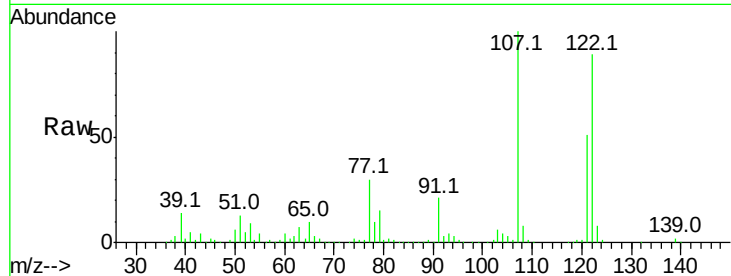




#27
2,4-Dimethylphenol
Concen: 27.227 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

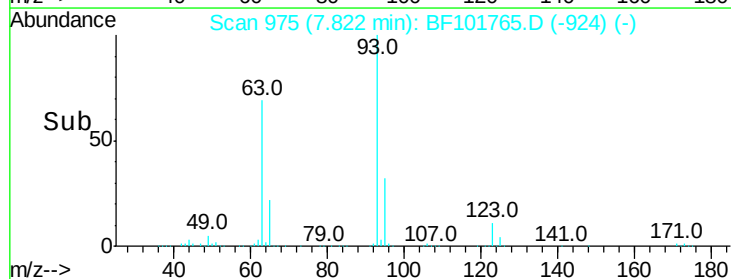
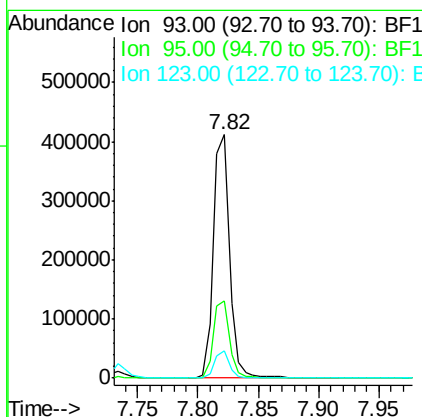
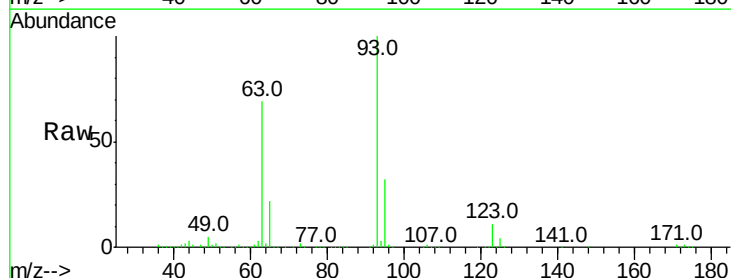
Instrument :
BNA_F
ClientSampleId :

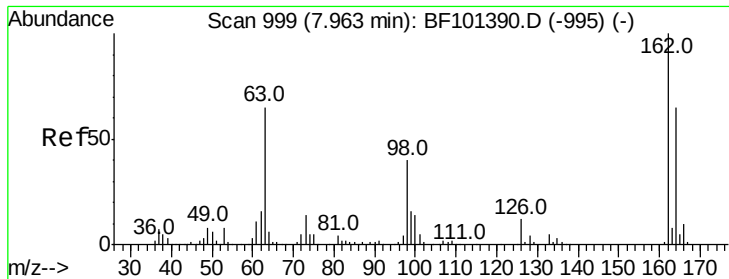
Tot Ion:122 Resp: 246183
Ion Ratio Lower Upper
122 100
107 112.2 91.2 136.8
121 57.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 26.531 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion: 93 Resp: 378435
Ion Ratio Lower Upper
93 100
95 32.0 26.3 39.5
123 11.0 9.8 14.6

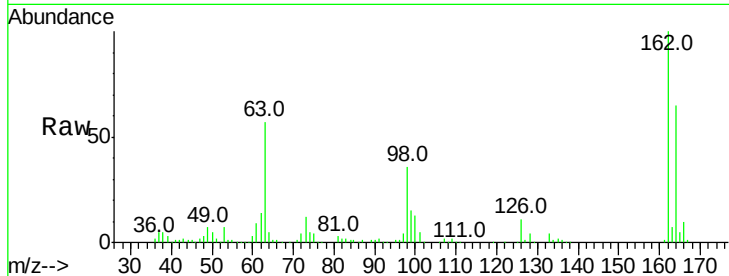




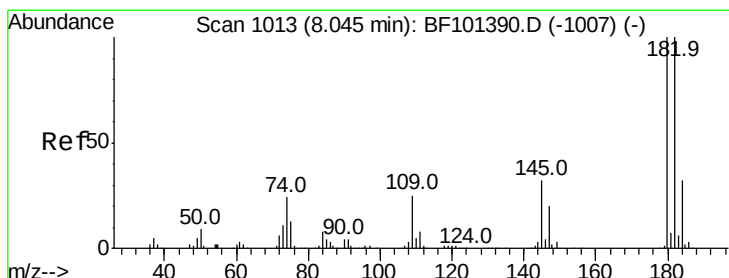
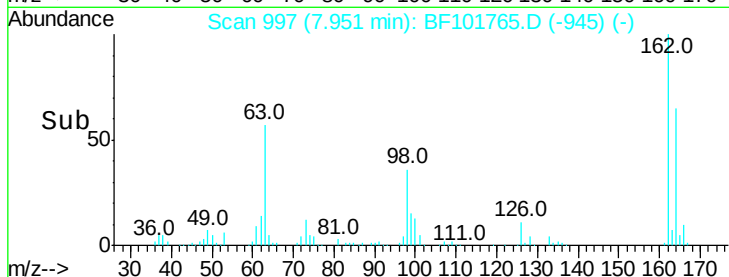
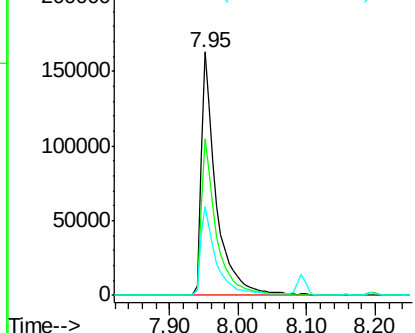
#29
2,4-Dichlorophenol
Concen: 28.114 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	36.2	18.1	58.1

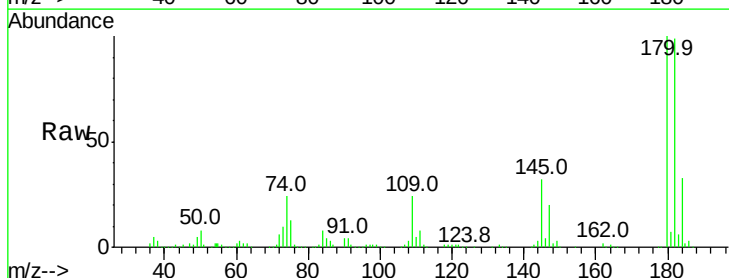


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

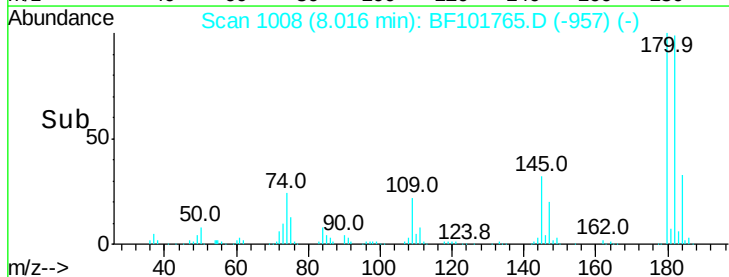
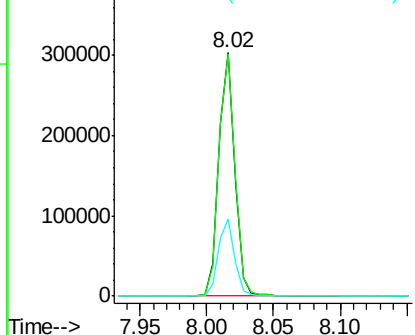


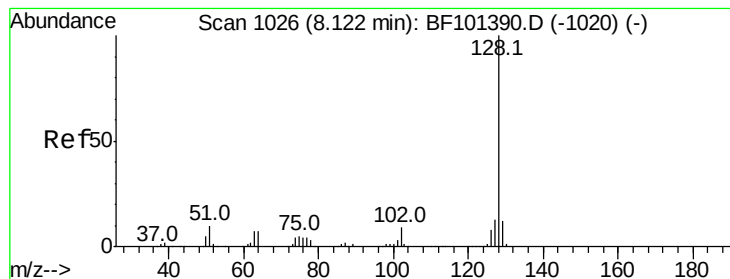
#30
1,2,4-Trichlorobenzene
Concen: 27.529 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.8	115.2
145	31.8	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: 27.415 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

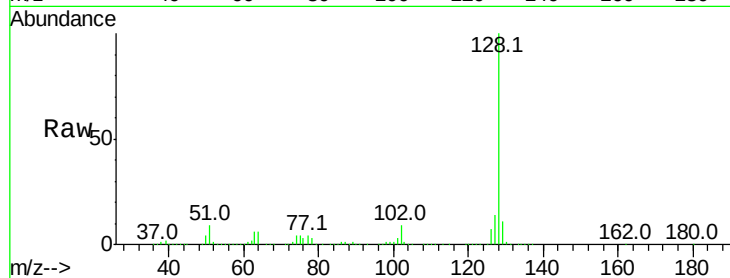
Tot Ion:128 Resp: 859967

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

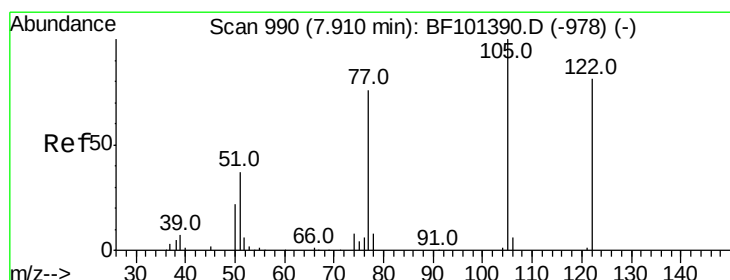
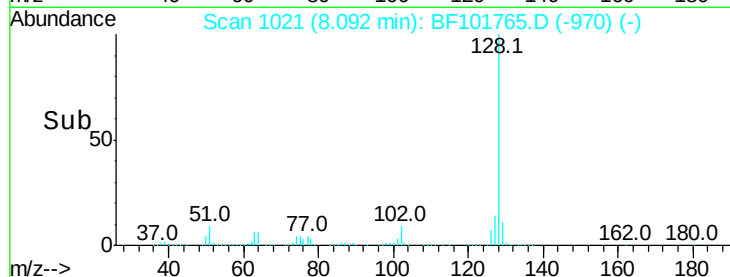
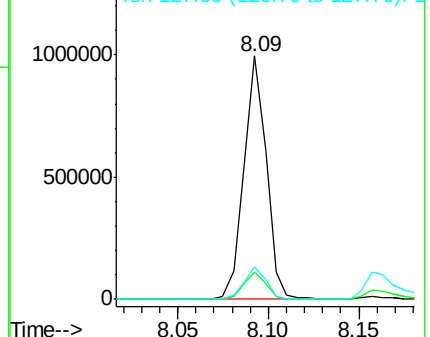
127 13.6 10.9 16.3



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: 41.668 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.16 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

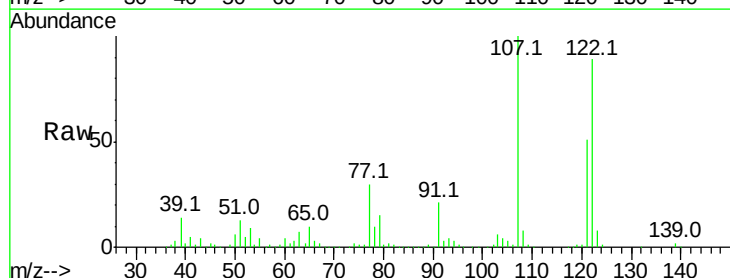
Tgt Ion:122 Resp: 246183

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

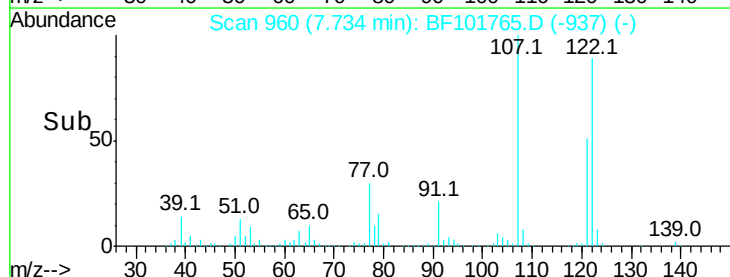
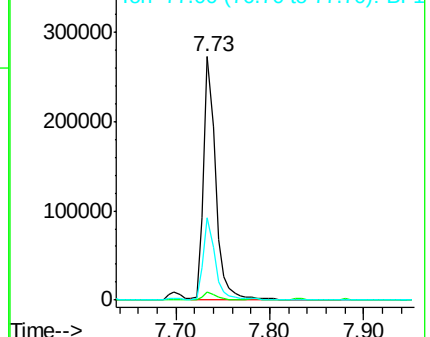
77 33.9 70.7 110.7#

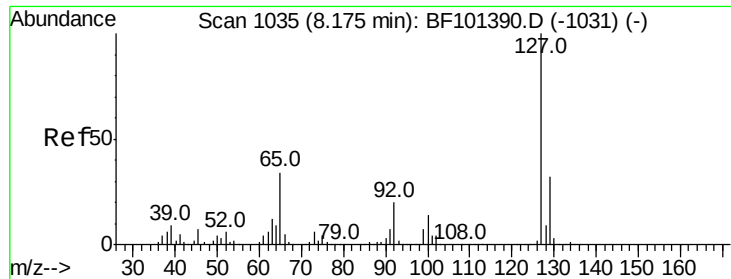


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

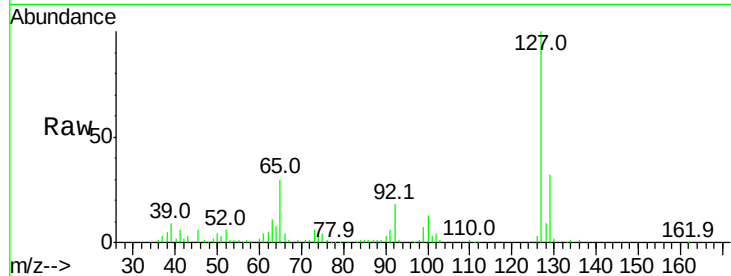




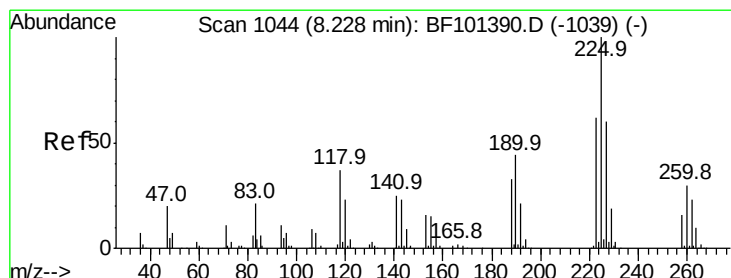
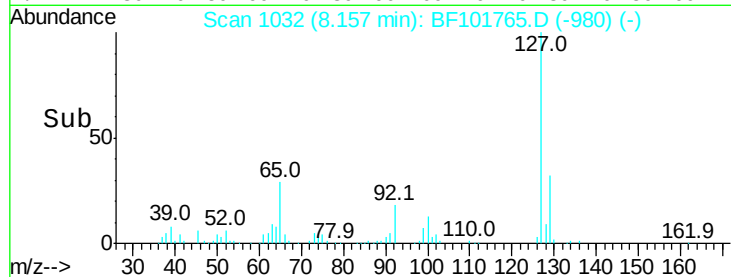
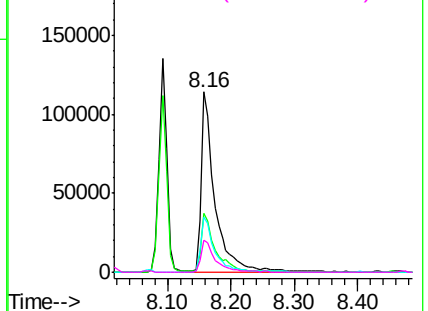
#33
4-Chloroaniline
Concen: 12.462 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	169908
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.3	25.0	37.4
92	17.5	15.2	22.8

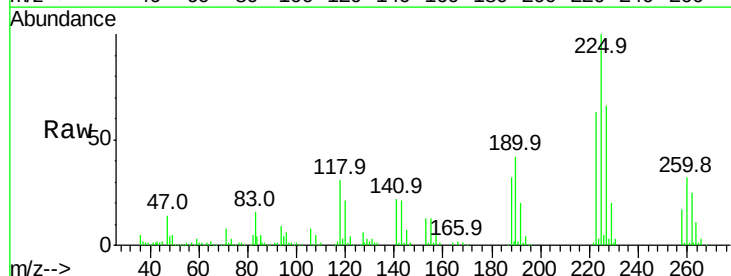


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

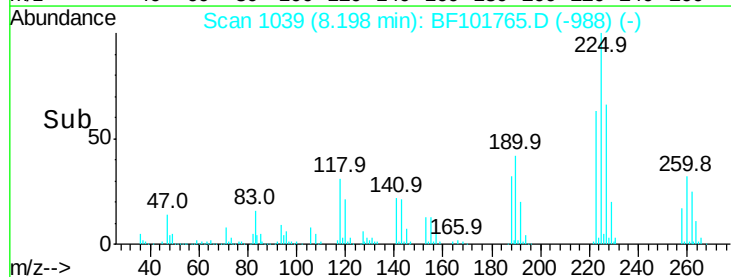
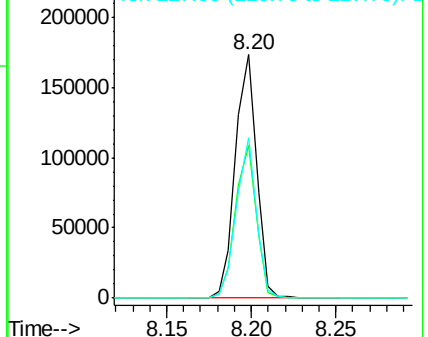


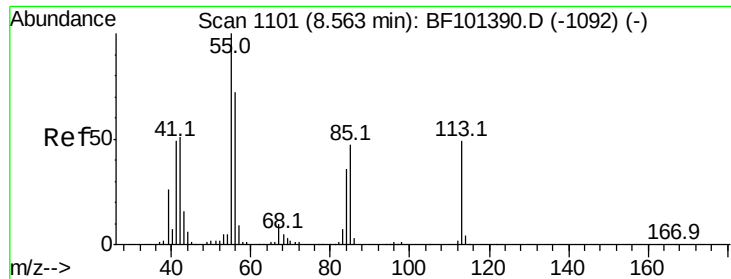
#34
Hexachlorobutadiene
Concen: 27.881 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:	225	Resp:	152011
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	65.8	51.9	77.9



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





#35

Caprolactam

Concen: 26.255 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

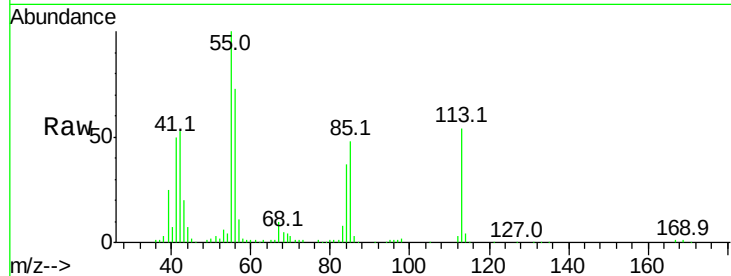
Tot Ion:113 Resp: 81436

Ion Ratio Lower Upper

113 100

55 184.7 163.3 203.3

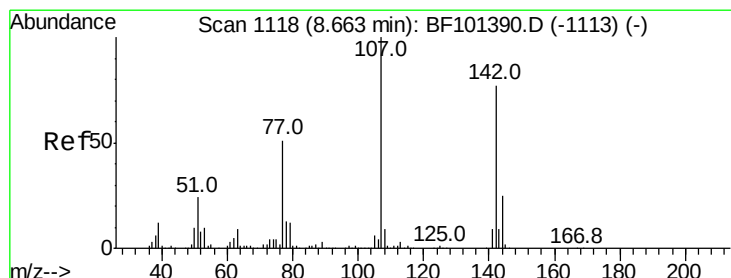
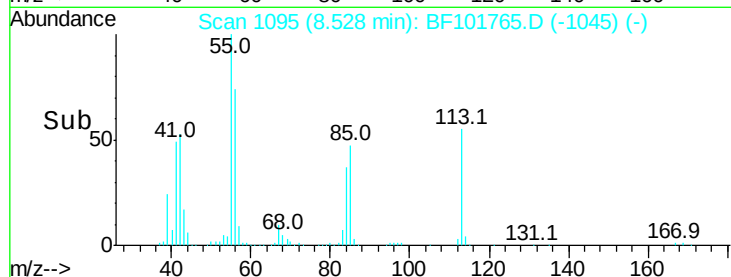
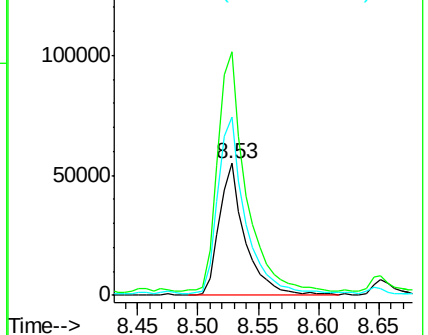
56 135.8 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 26.682 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

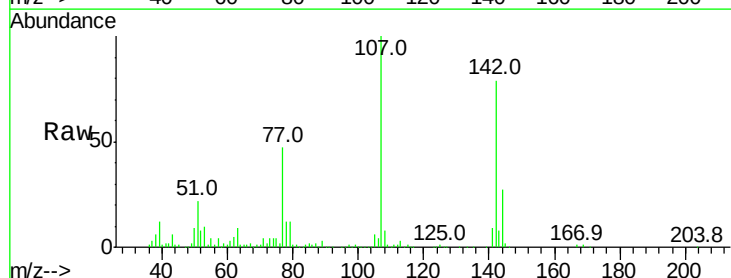
Tgt Ion:107 Resp: 261966

Ion Ratio Lower Upper

107 100

144 27.4 20.5 30.7

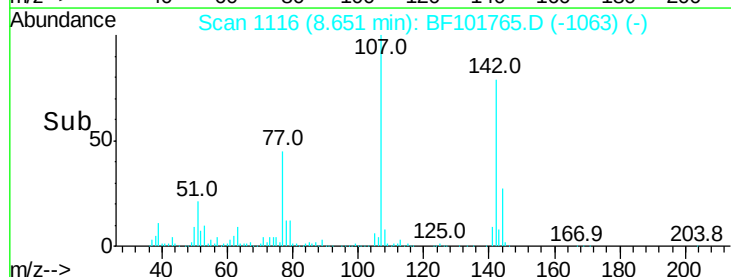
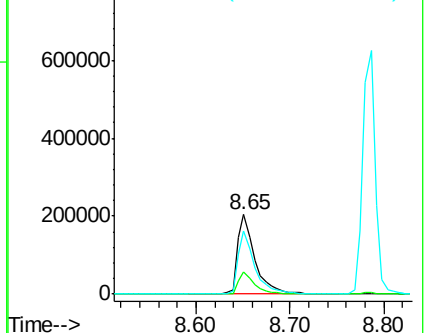
142 78.8 62.0 93.0

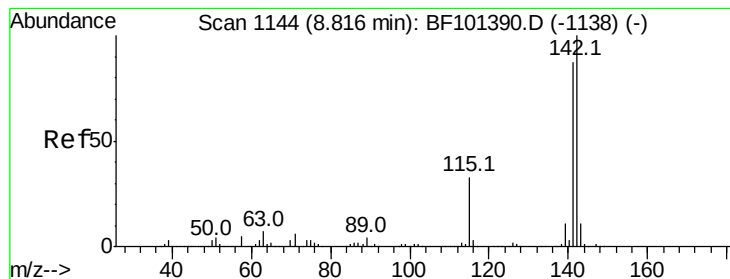


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 28.191 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

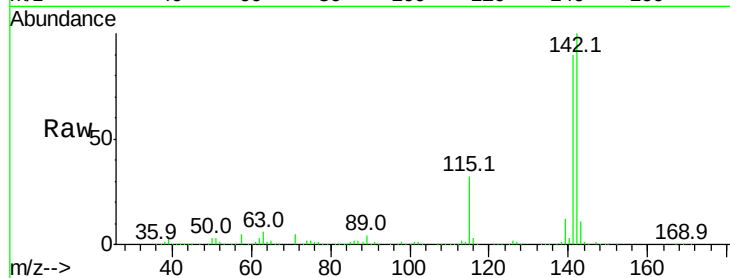
Tot Ion:142 Resp: 576138

Ion Ratio Lower Upper

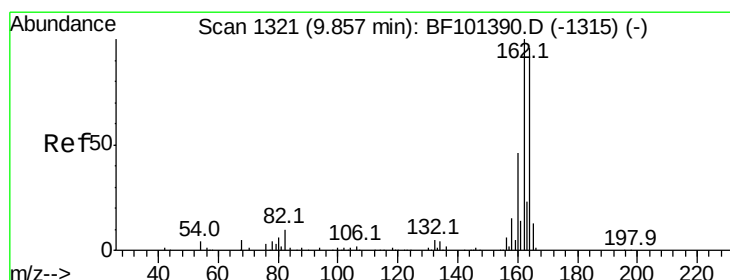
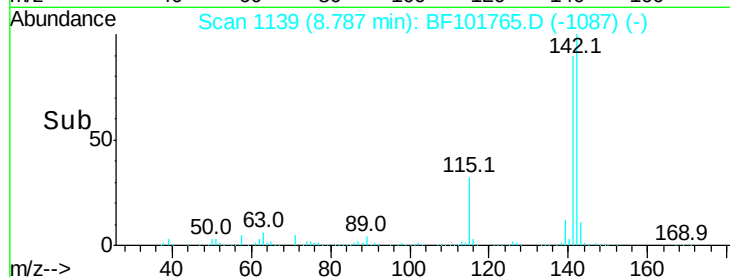
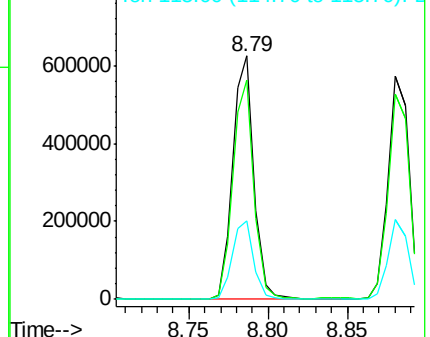
142 100

141 90.0 70.8 106.2

115 32.0 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: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

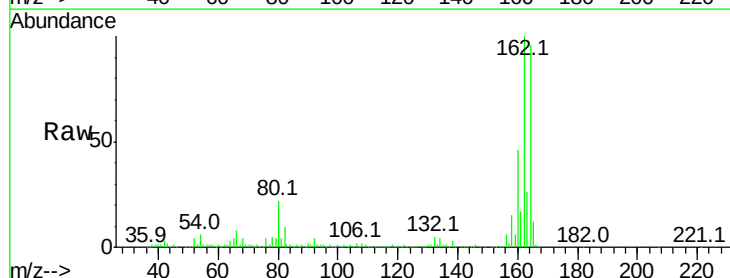
Tgt Ion:164 Resp: 278203

Ion Ratio Lower Upper

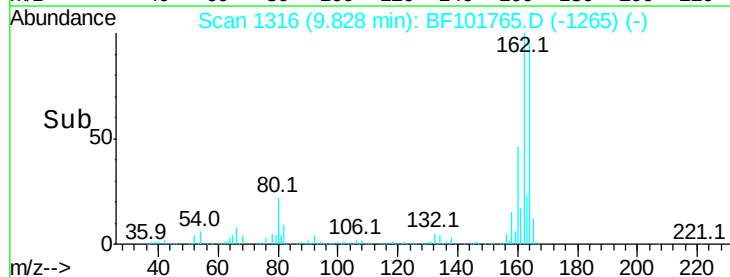
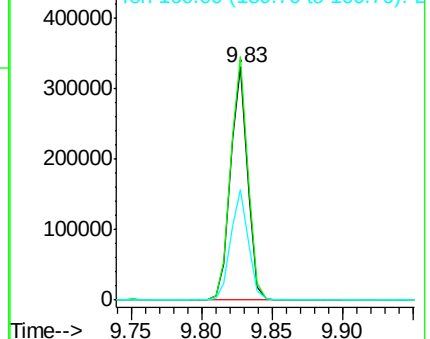
164 100

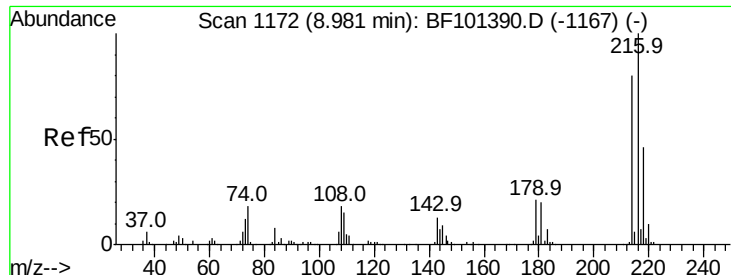
162 104.6 86.1 129.1

160 47.7 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

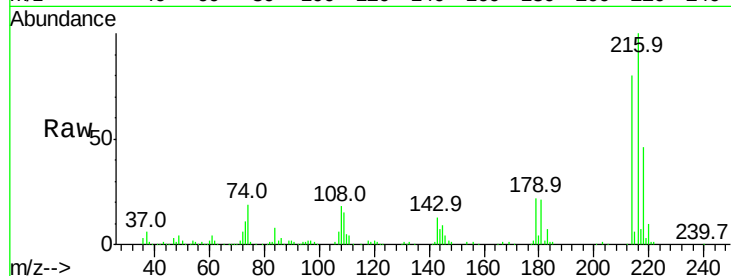




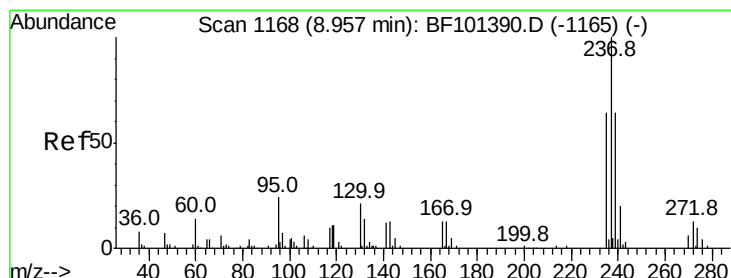
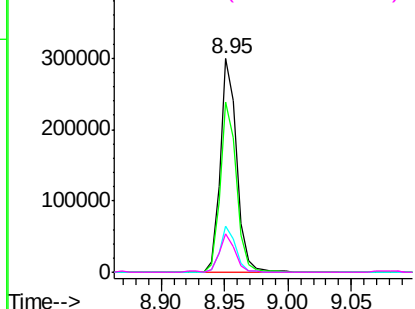
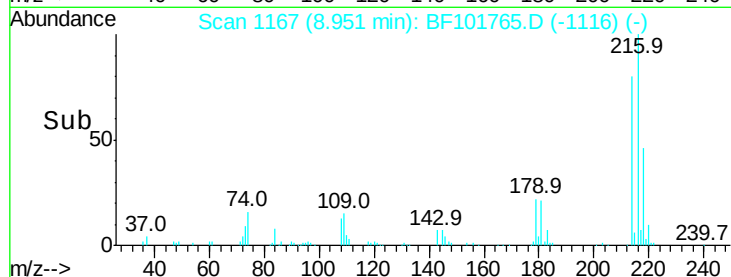
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.168 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	273968
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.7	18.1	27.1
108	17.9	17.2	25.8

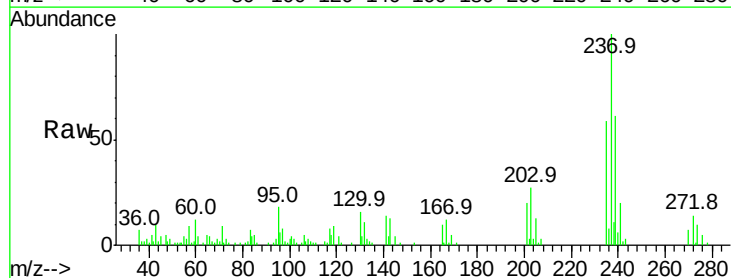


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

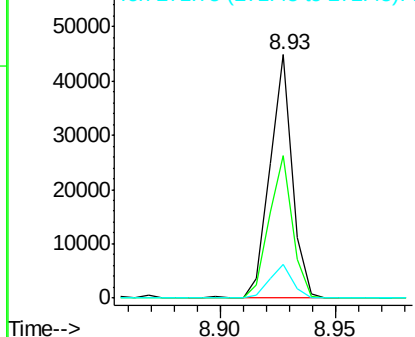
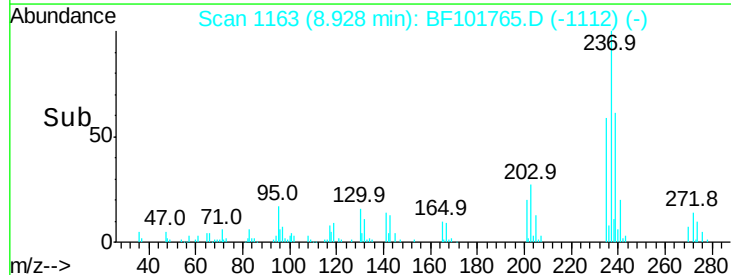


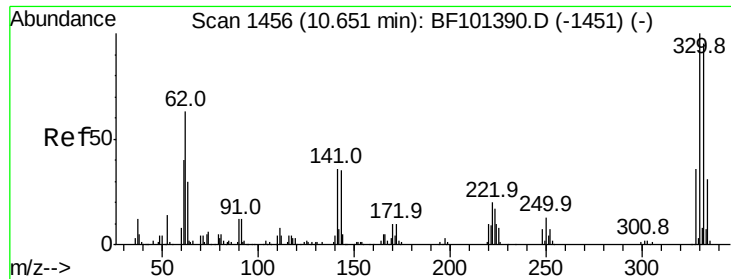
#40
 Hexachlorocyclopentadiene
 Concen: 29.943 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:	237	Resp:	30145
Ion	Ratio	Lower	Upper
237	100		
235	58.6	44.8	84.8
272	13.7	0.0	33.3



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

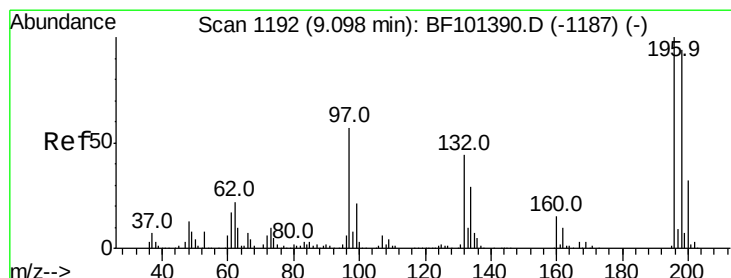
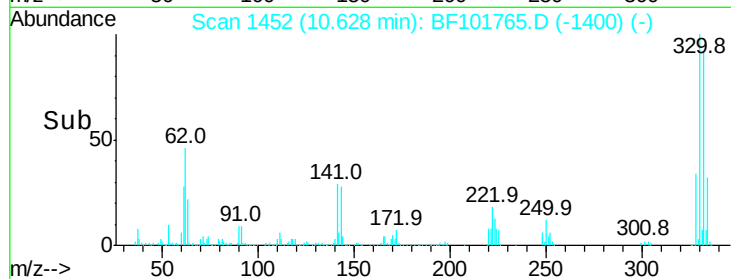
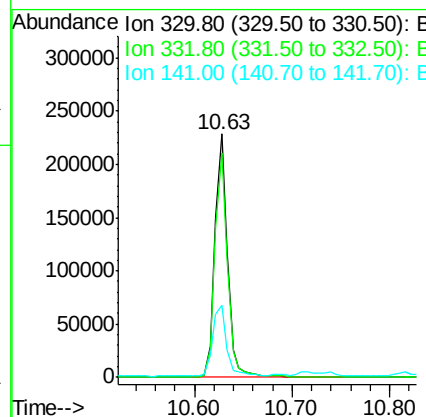
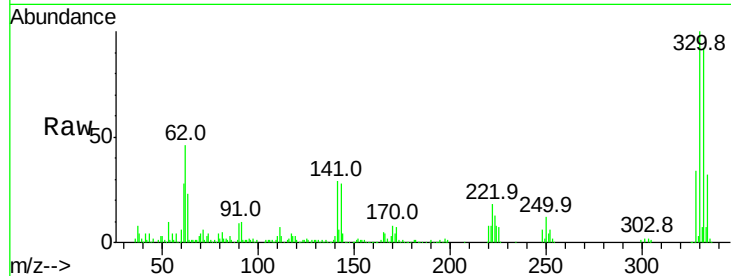




#41
 2,4,6-Tribromophenol
 Concen: 77.134 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

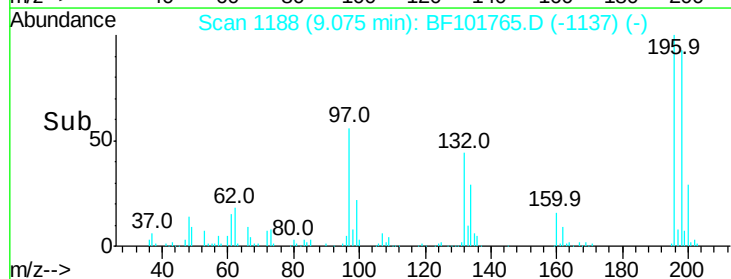
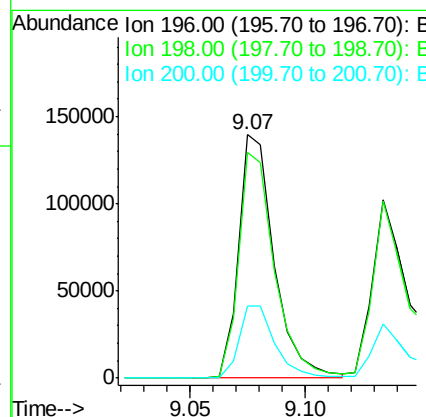
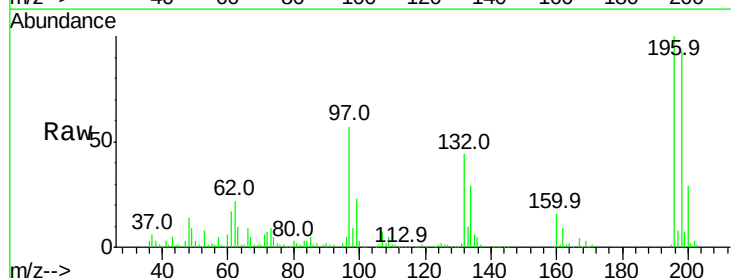
Instrument :
 BNA_F
 ClientSampleId :

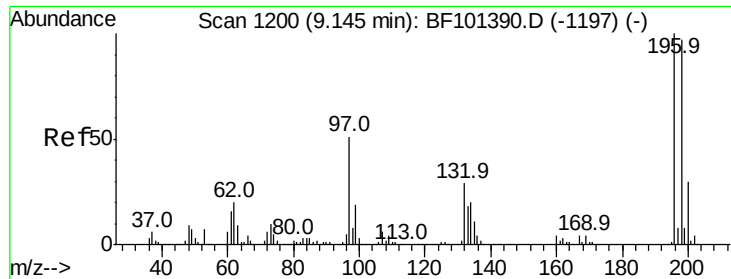
Tot Ion:330 Resp: 206773
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.0 115.6
 141 33.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 26.542 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:196 Resp: 150090
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 200 29.4 24.5 36.7

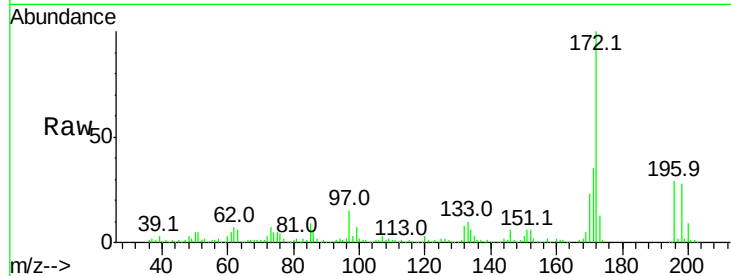




#43
 2,4,5-Trichlorophenol
 Concen: 21.711 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	74.6	112.0
97	51.4	42.9	64.3
132	29.5	26.3	39.5



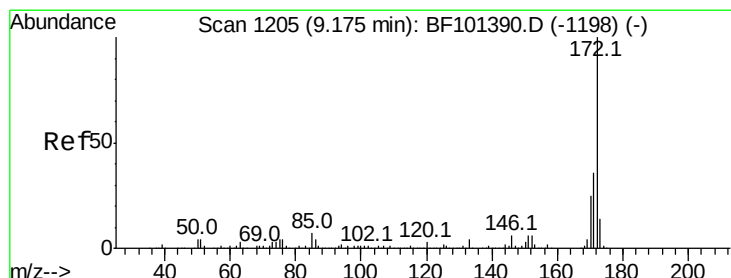
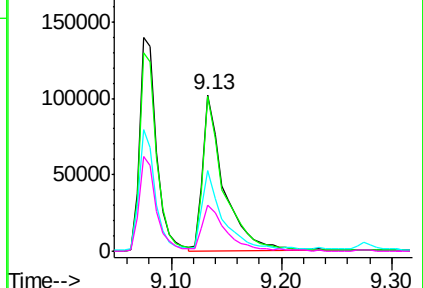
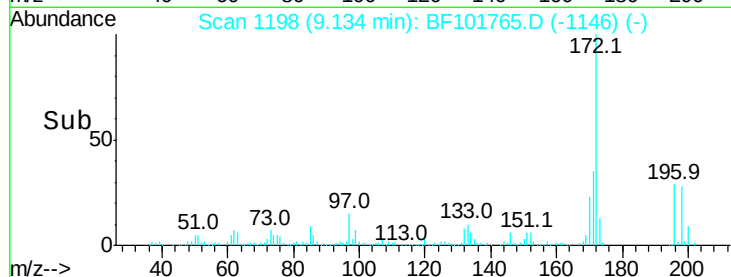
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

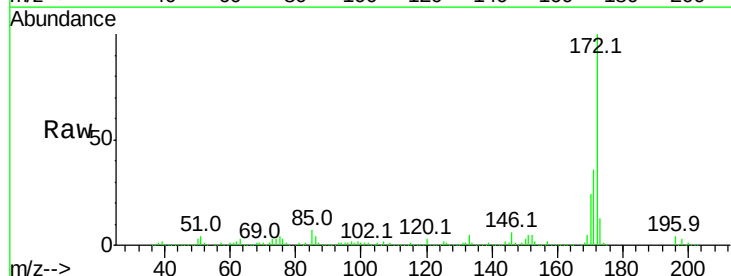
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.157 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

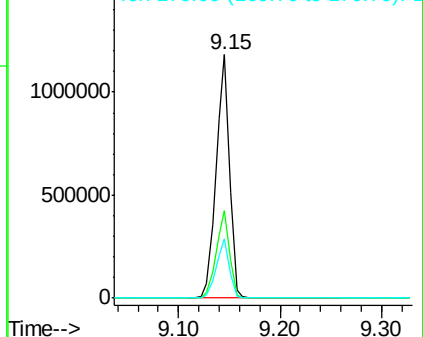
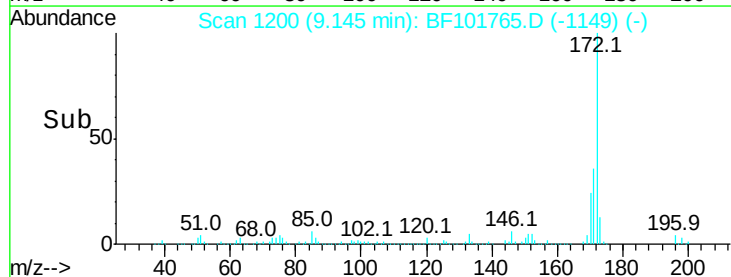


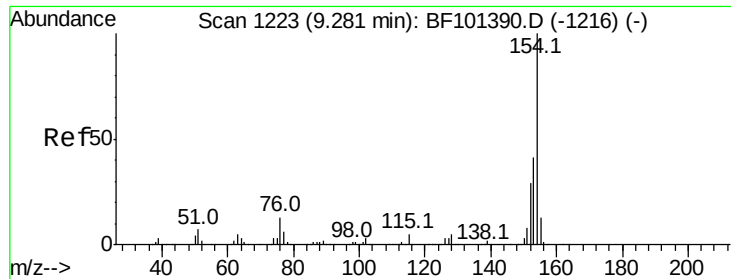
Abundance

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: 27.825 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

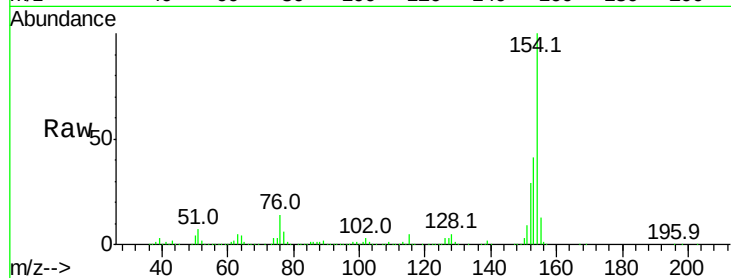
Tot Ion:154 Resp: 686511

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

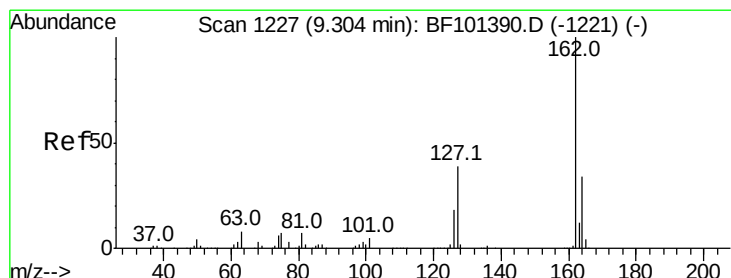
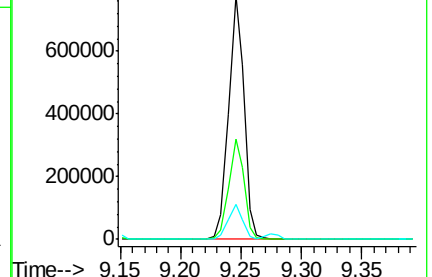
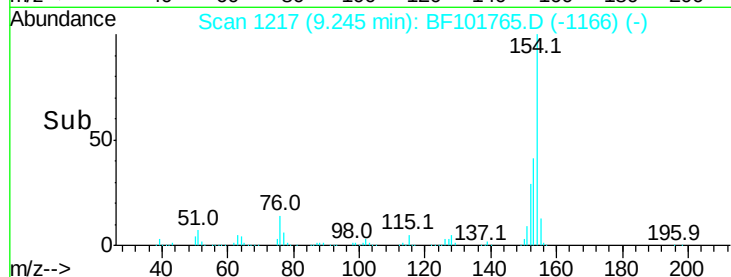
76 14.3 0.0 34.0



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: 27.216 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

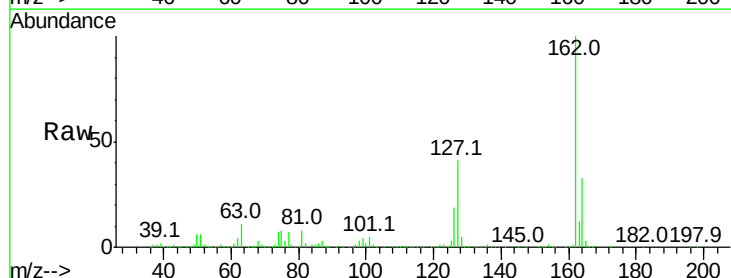
Tgt Ion:162 Resp: 513798

Ion Ratio Lower Upper

162 100

127 40.9 33.9 50.9

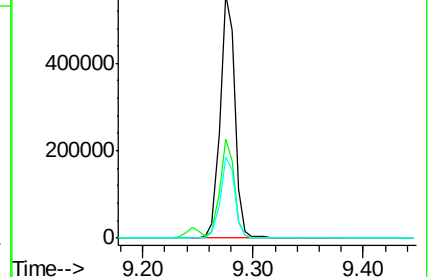
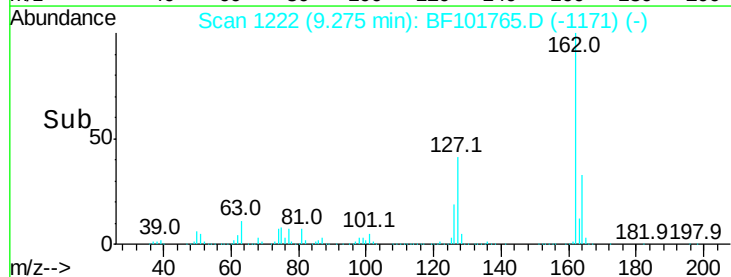
164 33.0 26.5 39.7

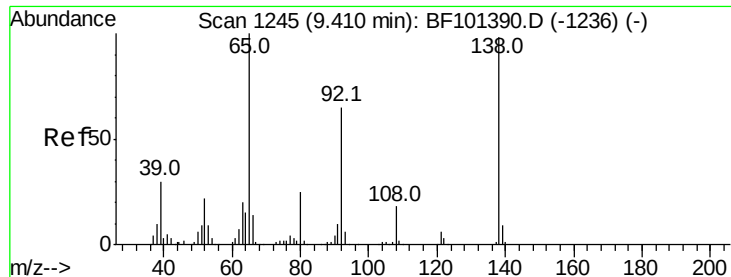


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

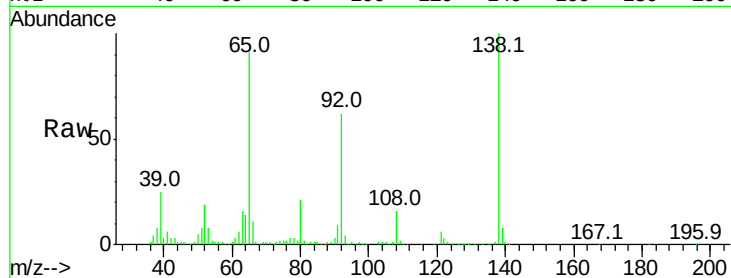




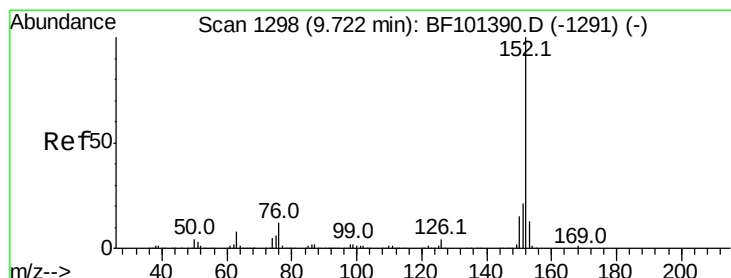
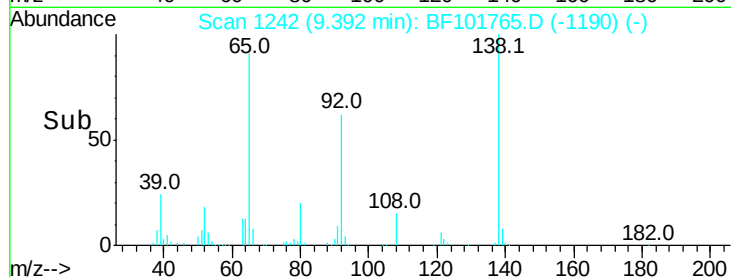
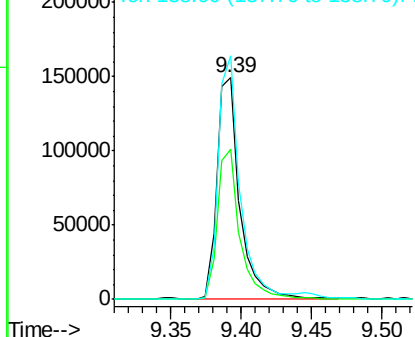
#47
2-Nitroaniline
Concen: 25.999 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 169554
Ion Ratio Lower Upper
65 100
92 67.7 55.8 83.6
138 109.8 91.2 136.8

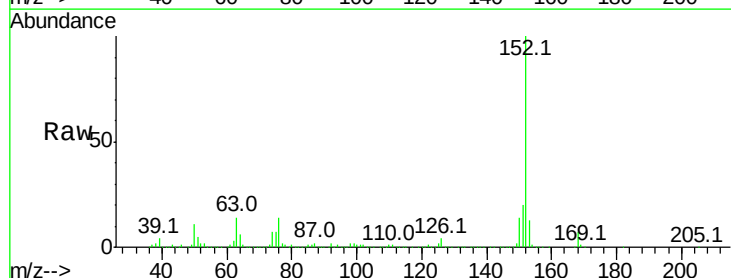


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

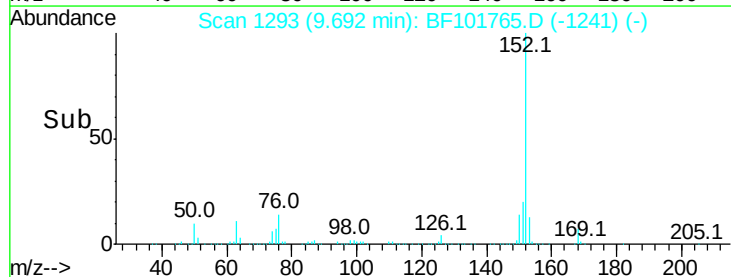
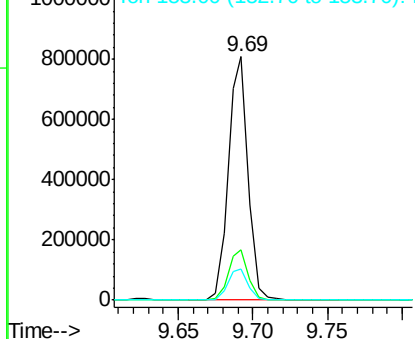


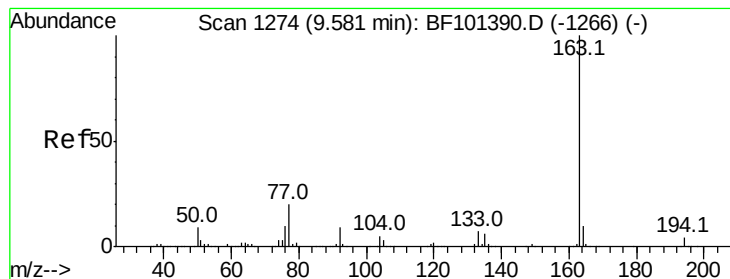
#48
Acenaphthylene
Concen: 25.217 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion: 152 Resp: 751924
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.0 10.7 16.1



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





#49

Dimethylphthalate

Concen: 33.788 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampled :

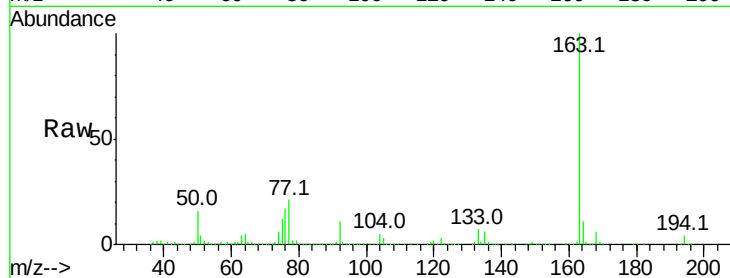
Tot Ion:163 Resp: 756087

Ion Ratio Lower Upper

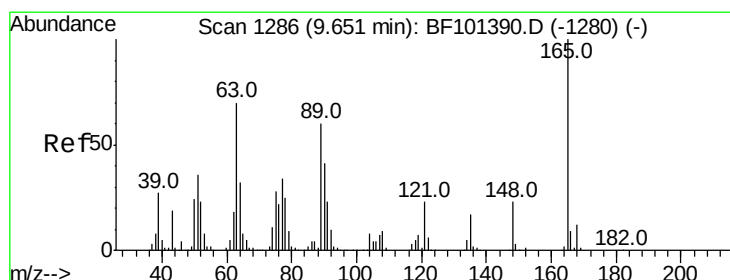
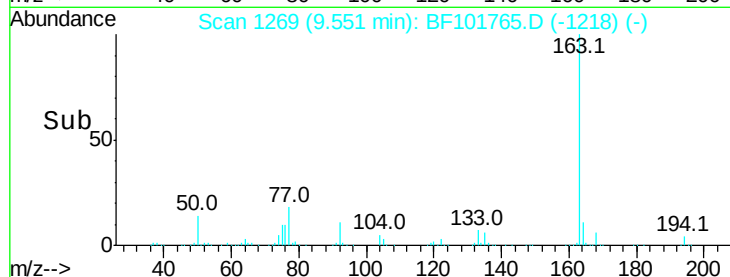
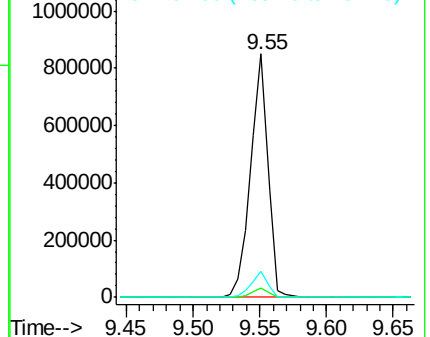
163 100

194 3.8 2.7 4.1

164 10.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 27.466 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

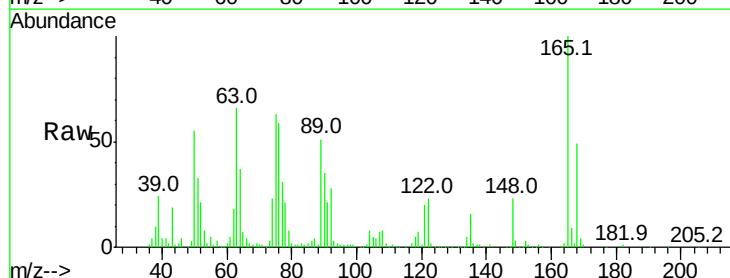
Tgt Ion:165 Resp: 124917

Ion Ratio Lower Upper

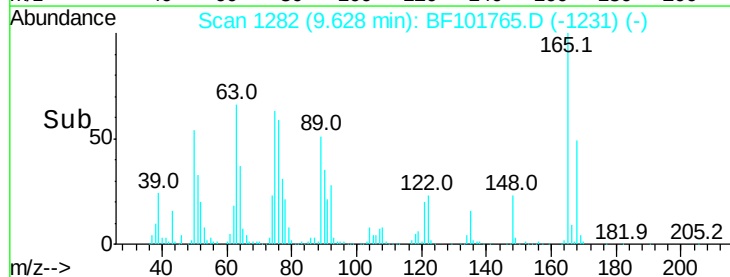
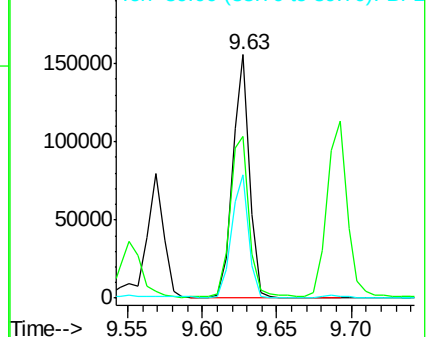
165 100

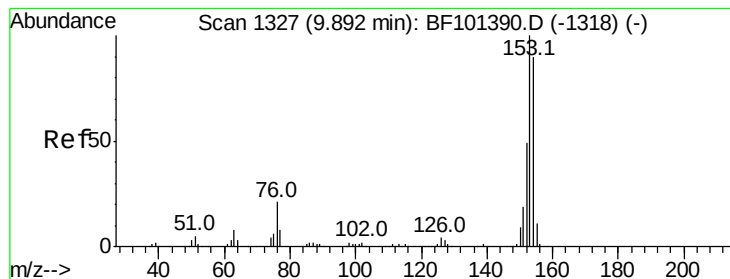
63 66.4 44.7 67.1

89 50.7 44.0 66.0



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





#51

Acenaphthene

Concen: 26.149 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

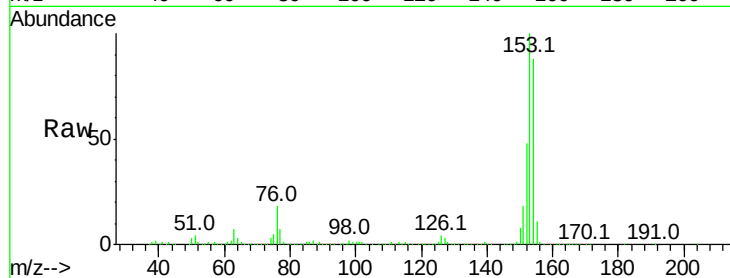
Tot Ion:154 Resp: 468438

Ion Ratio Lower Upper

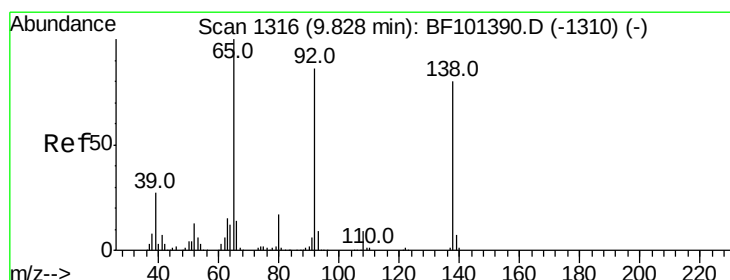
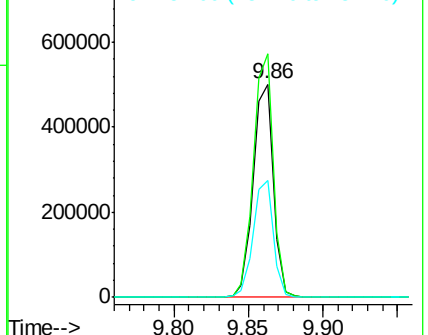
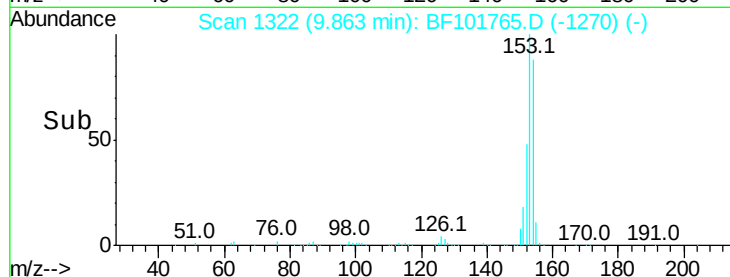
154 100

153 114.1 91.2 136.8

152 55.0 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: 19.453 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

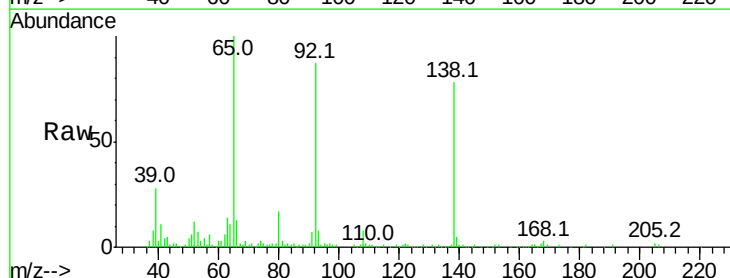
Tgt Ion:138 Resp: 110308

Ion Ratio Lower Upper

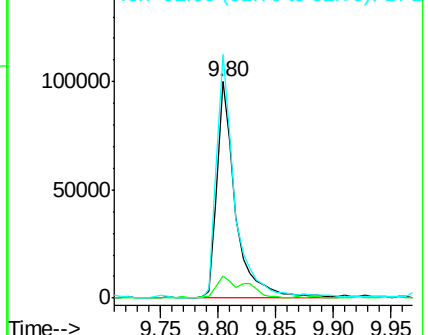
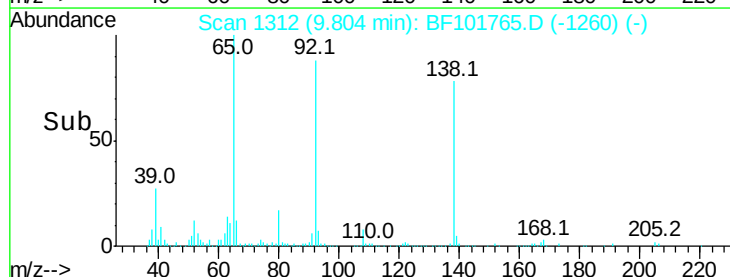
138 100

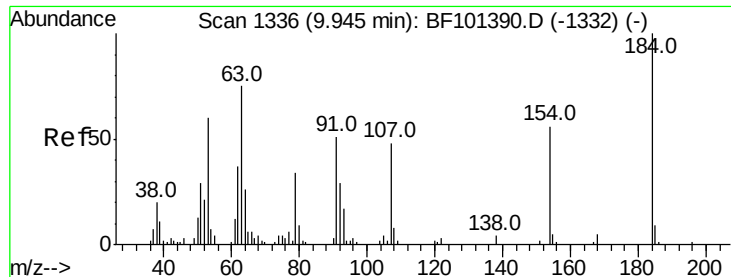
108 10.4 9.4 14.0

92 112.5 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

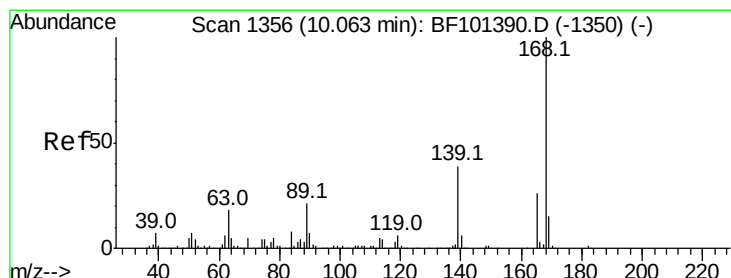
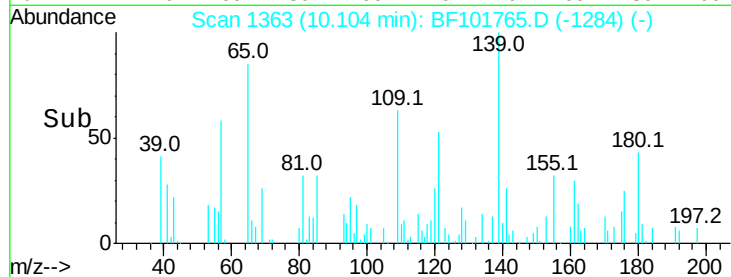
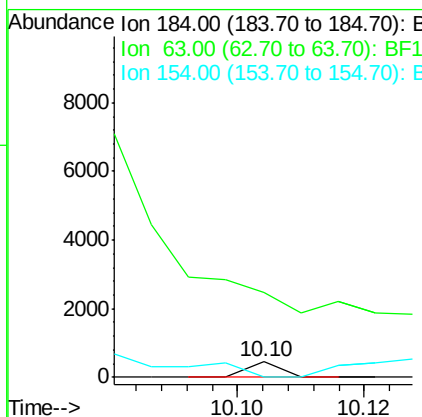
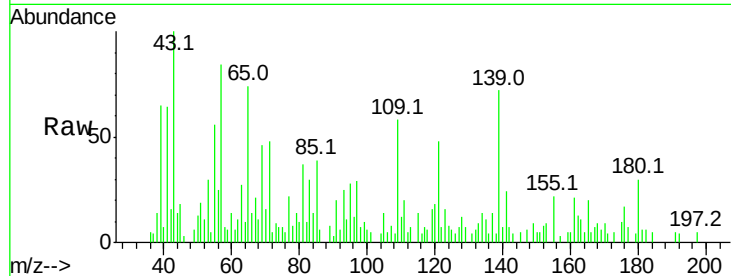




#53
 2,4-Dinitrophenol
 Concen: 10.406 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.16 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

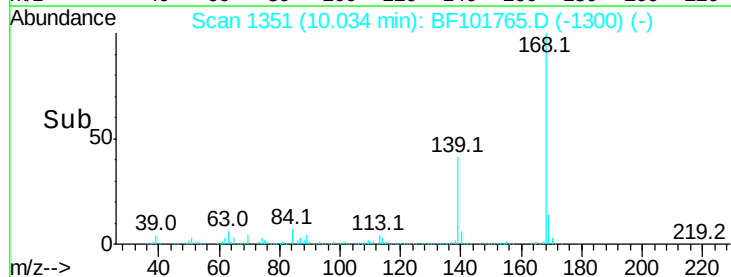
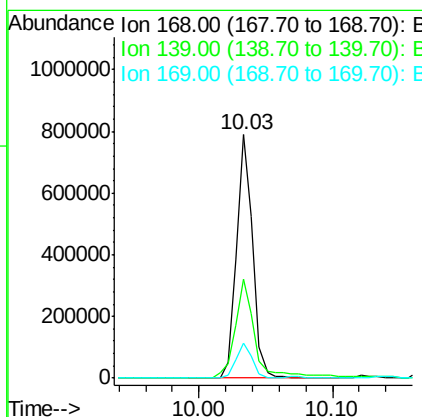
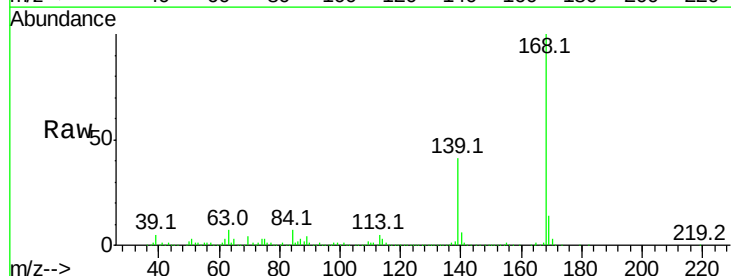
Instrument :
 BNA_F
 ClientSampled :

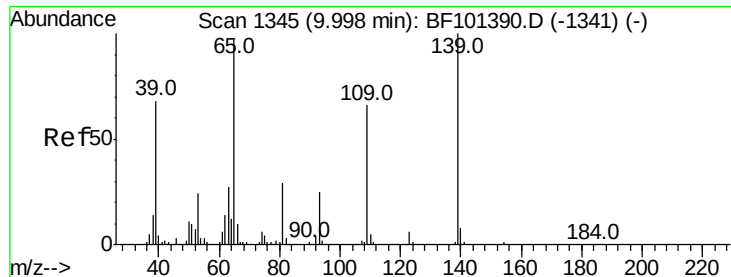
Tot Ion:184 Resp: 156
 Ion Ratio Lower Upper
 184 100
 63 559.4 54.2 81.2#
 154 0.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 29.301 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:168 Resp: 667083
 Ion Ratio Lower Upper
 168 100
 139 40.7 30.1 45.1
 169 14.3 10.9 16.3





#55

4-Nitrophenol

Concen: 137.395 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.05 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

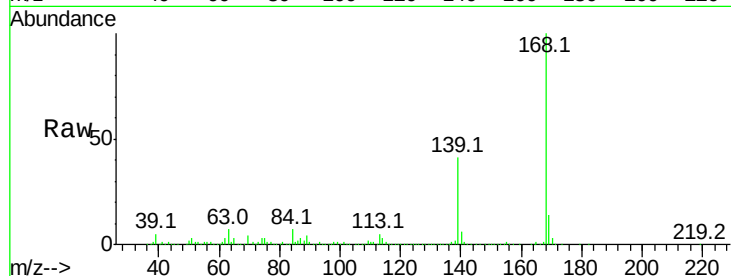
Tot Ion:139 Resp: 339712

Ion Ratio Lower Upper

139 100

109 5.8 48.4 88.4#

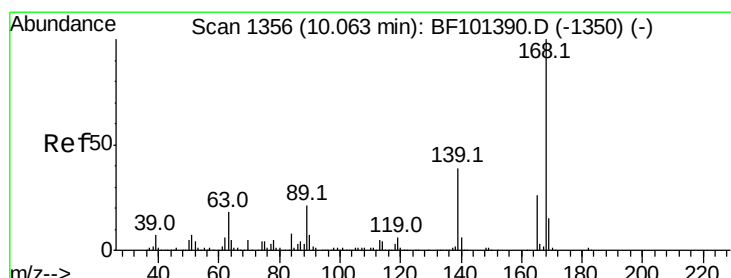
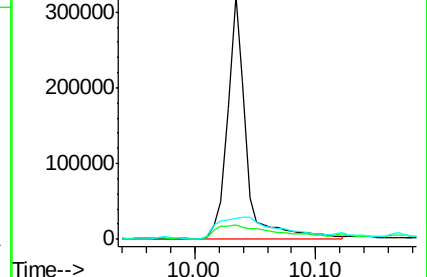
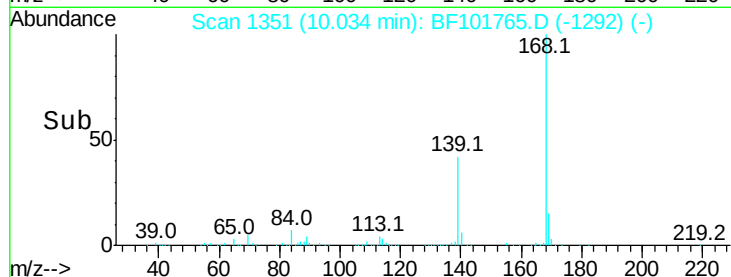
65 8.4 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 32.776 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Tgt Ion:165 Resp: 167949

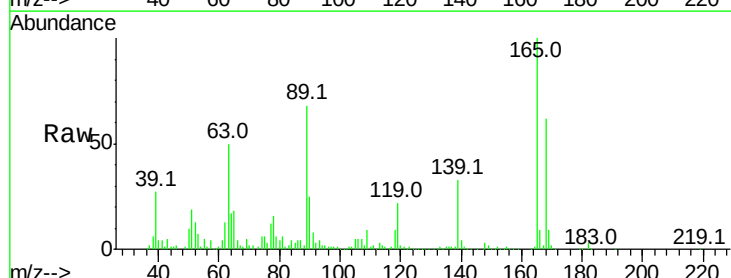
Ion Ratio Lower Upper

165 100

63 49.6 36.4 54.6

89 67.9 57.8 86.6

182 2.5 1.6 2.4#

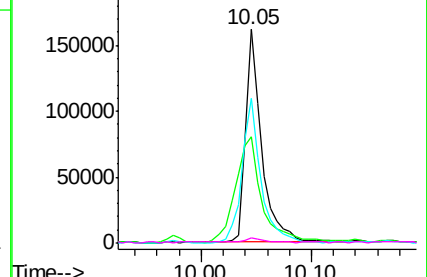
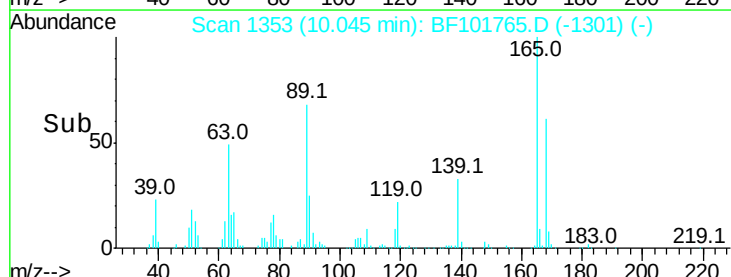


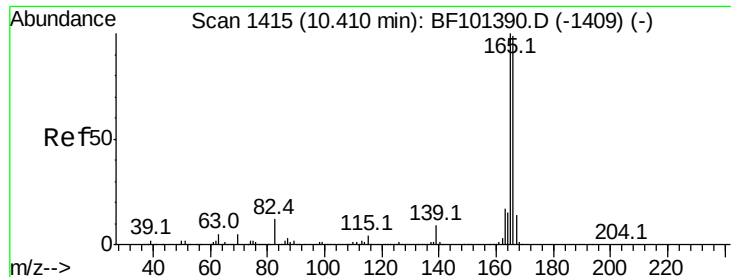
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.377 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

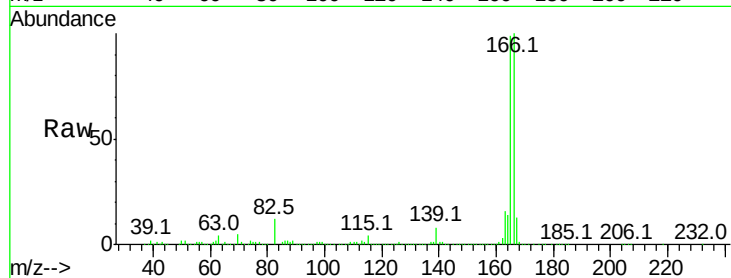
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 546510

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	12.8	10.6	16.0

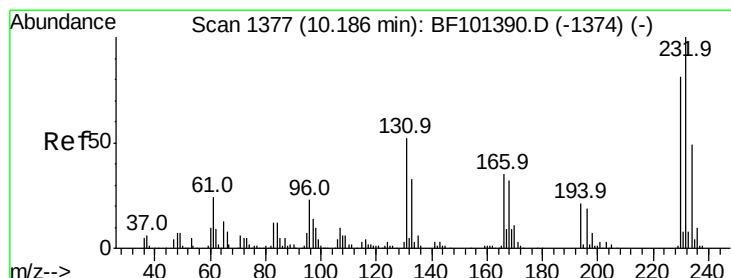
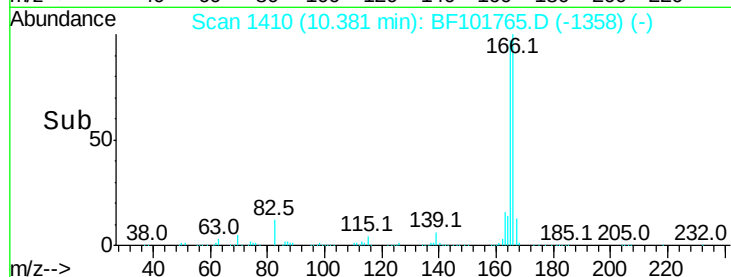
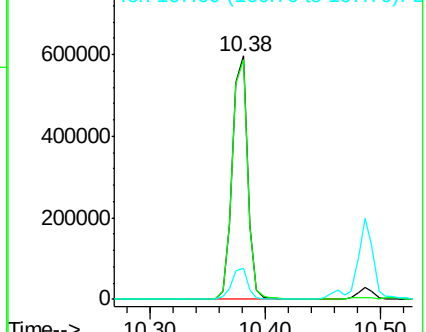


Abundance

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: 15.691 ng

RT: 10.17 min Scan# 1374

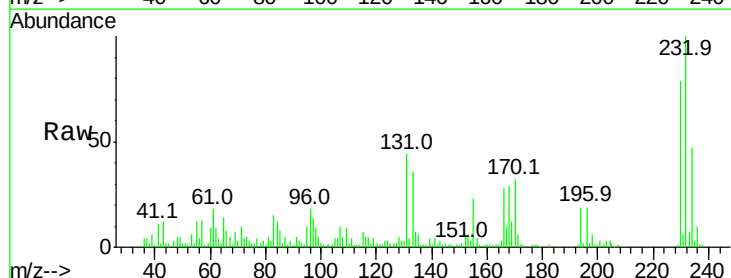
Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Tgt Ion:232 Resp: 69802

Ion	Ratio	Lower	Upper
232	100		
131	44.0	43.8	65.8
130	3.3	2.1	3.1#
166	26.0	27.8	41.6#



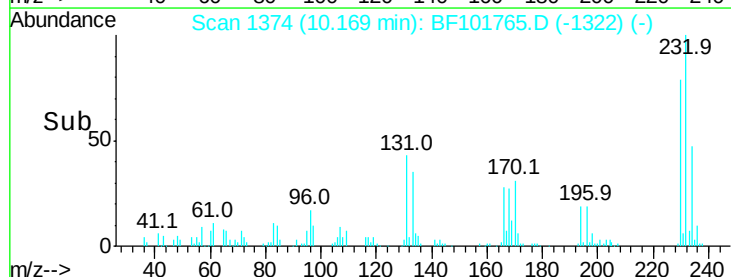
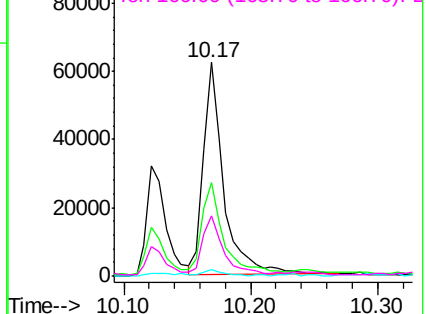
Abundance

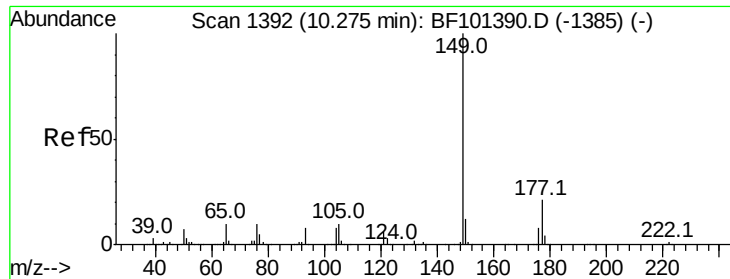
Ion 232.00 (231.70 to 232.70): E

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

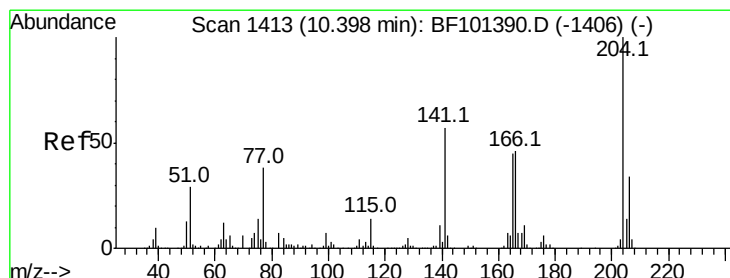
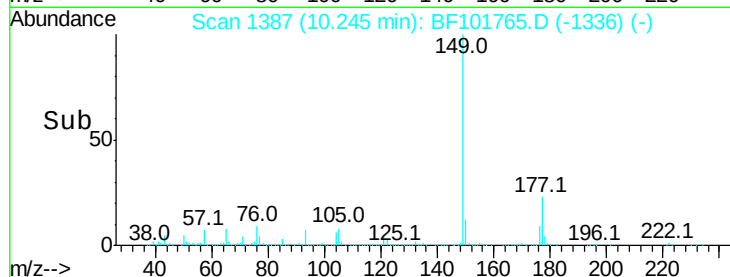
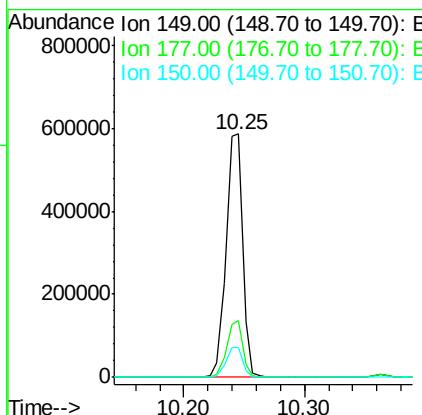
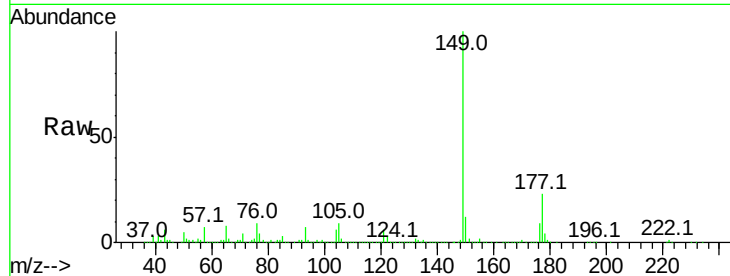




#59
 Diethylphthalate
 Concen: 25.206 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

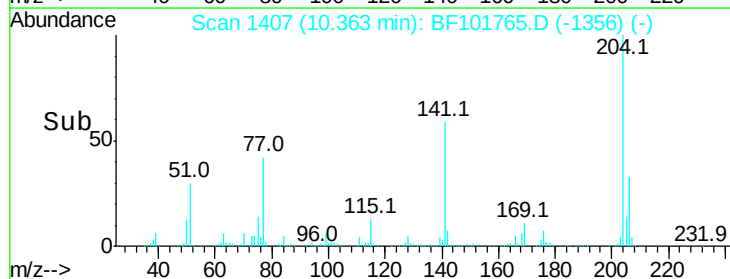
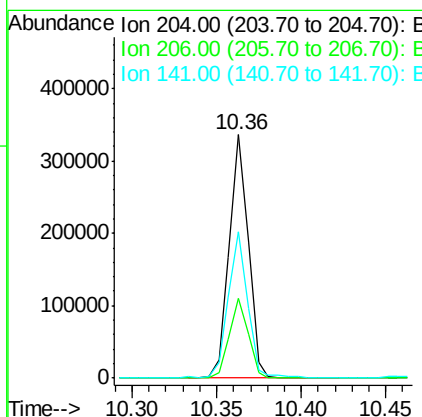
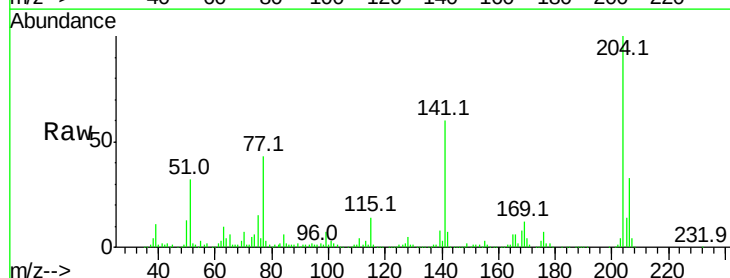
Instrument :
 BNA_F
 ClientSampleId :

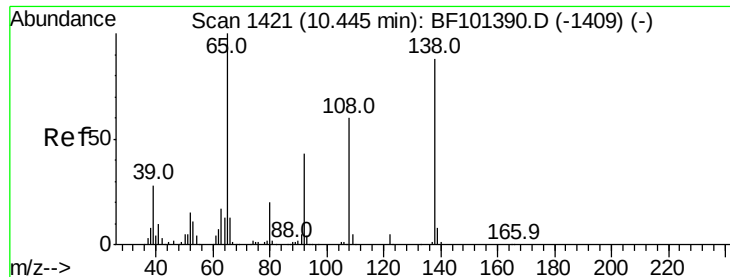
Tot Ion	149	Resp: Lower	558566 Upper
149	100		
177	23.2	16.1	24.1
150	12.2	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 28.590 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:204	Resp: 263893
Ion Ratio	Lower Upper
204 100	
206 32.9	26.5 39.7
141 60.1	54.6 81.8

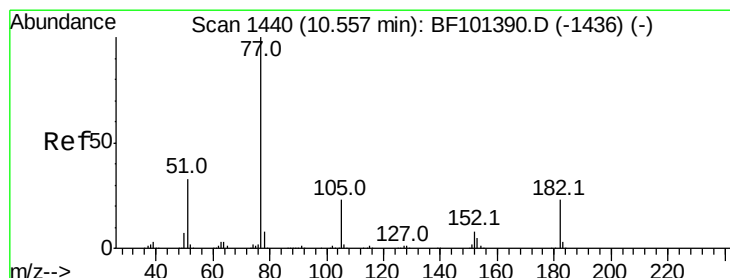
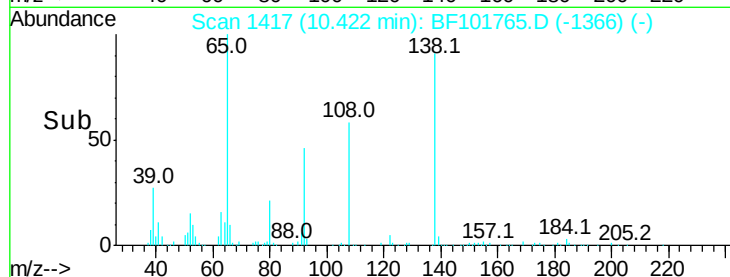
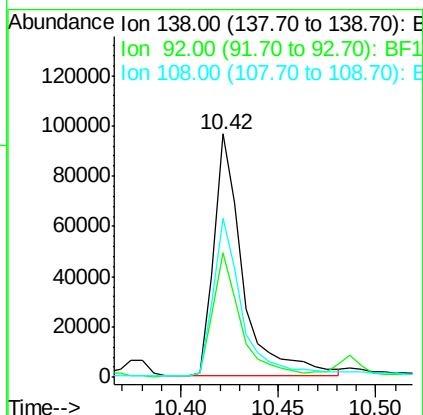
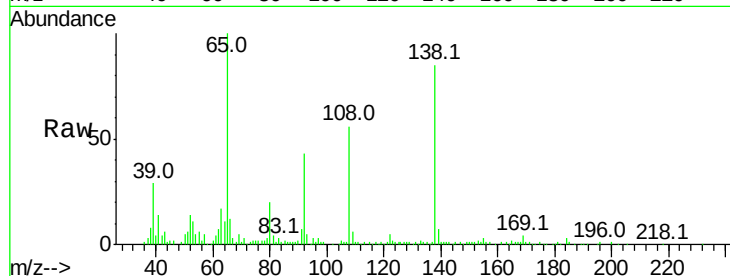




#61
4-Nitroaniline
Concen: 17.537 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

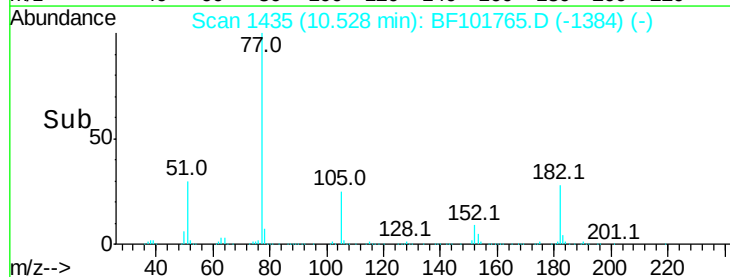
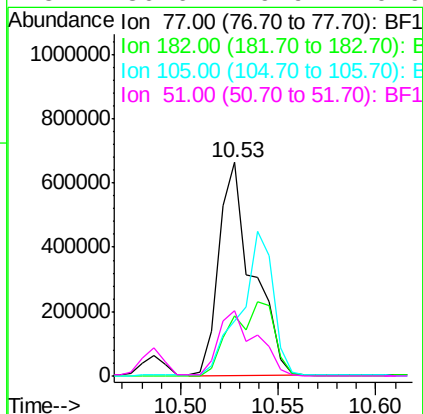
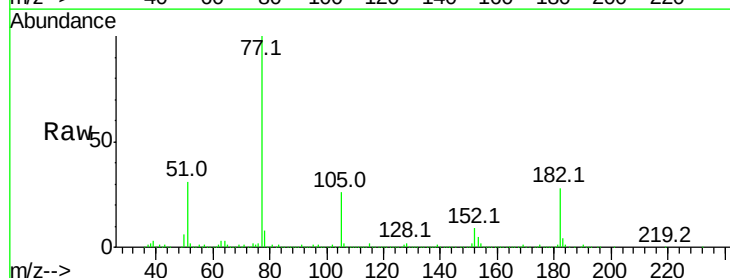
Instrument :
BNA_F
ClientSampleId :

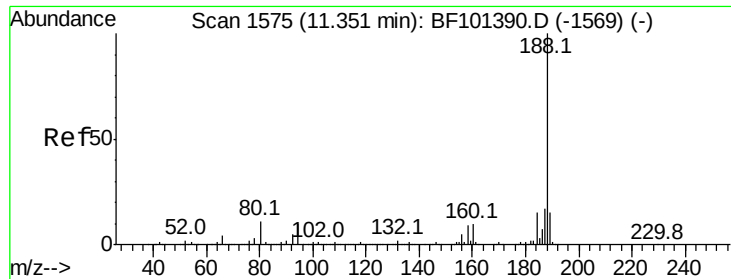
Tot Ion:138 Resp: 99952
Ion Ratio Lower Upper
138 100
92 50.9 30.2 70.2
108 65.5 52.5 92.5



#62
Azobenzene
Concen: 34.433 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion: 77 Resp: 790455
Ion Ratio Lower Upper
77 100
182 28.2 1.7 41.7
105 26.0 3.0 43.0
51 30.6 9.9 49.9

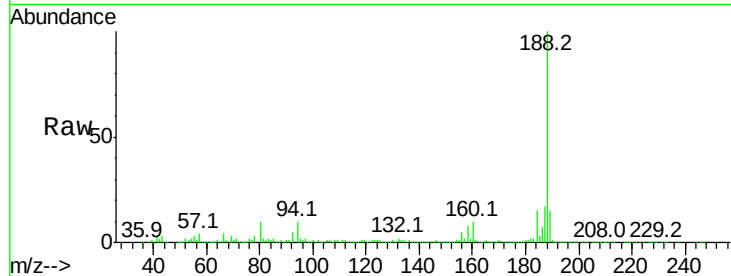




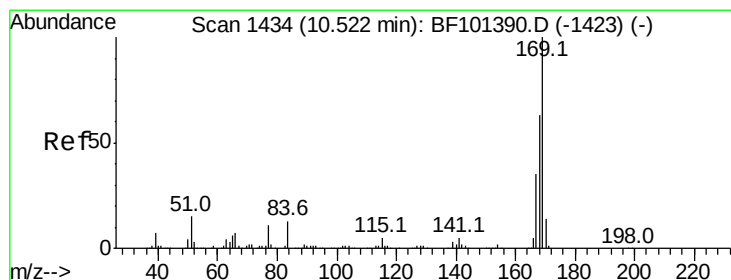
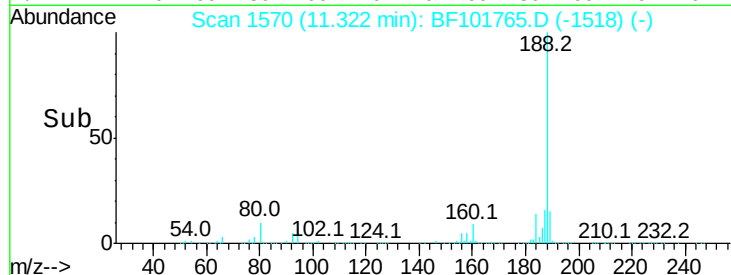
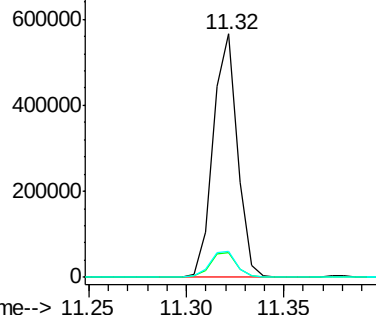
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 487927
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 9.2 13.8

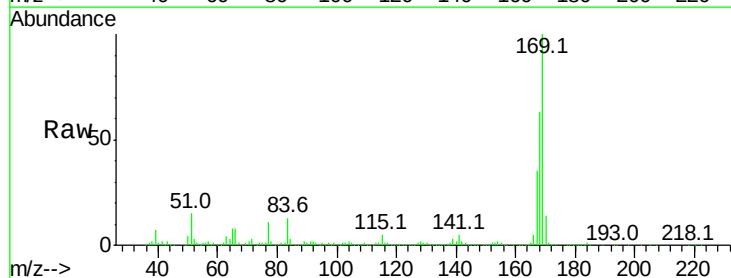


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

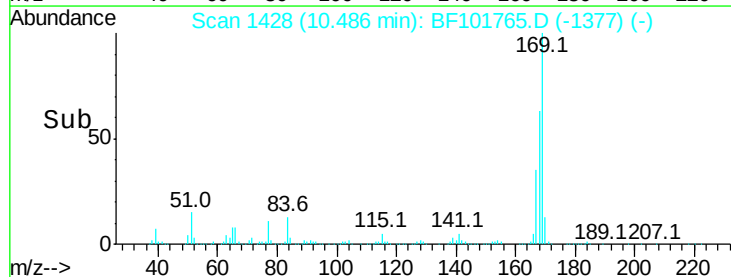
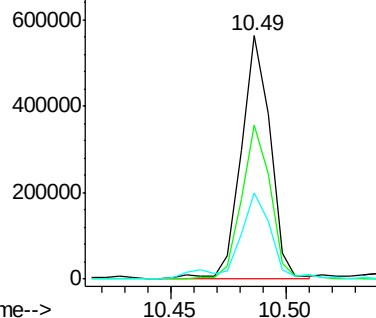


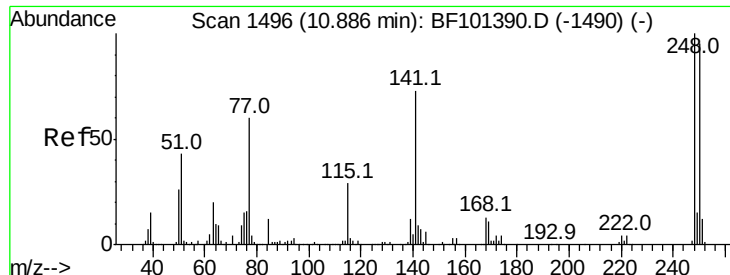
#65
n-Nitrosodiphenylamine
Concen: 27.111 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:169 Resp: 488443
Ion Ratio Lower Upper
169 100
168 63.5 54.4 81.6
167 35.5 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

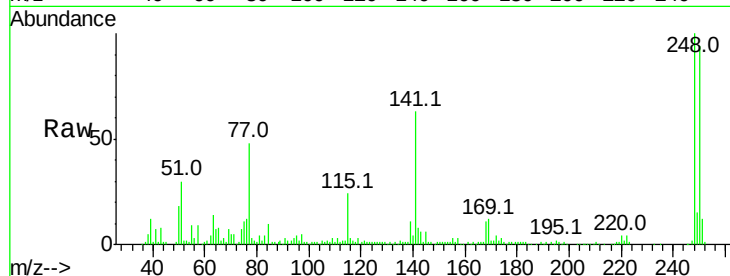




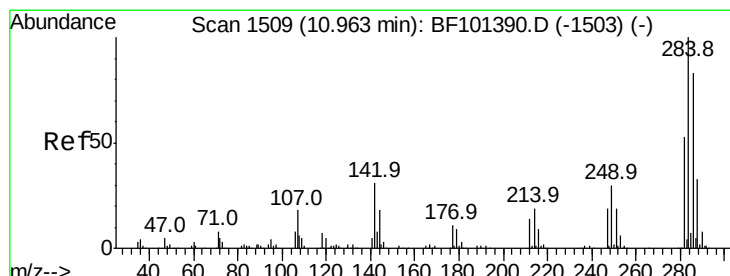
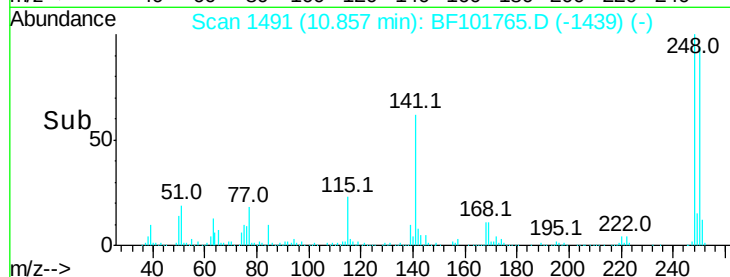
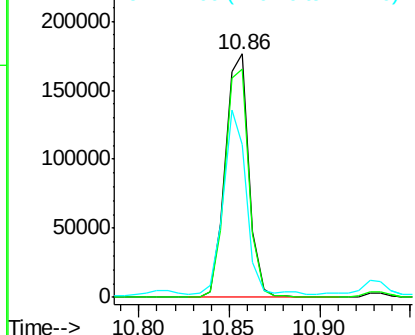
#66
4-Bromophenyl-phenylether
Concen: 29.280 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 160528
Ion Ratio Lower Upper
248 100
250 94.0 76.9 115.3
141 62.9 74.4 111.6#

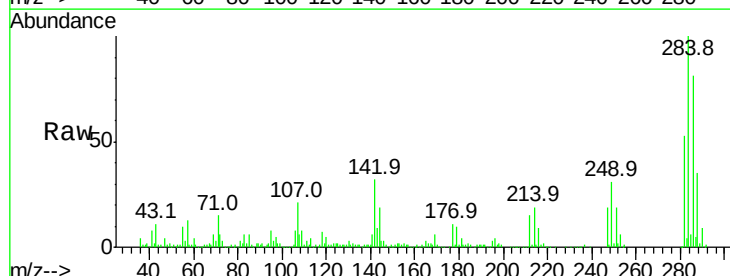


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

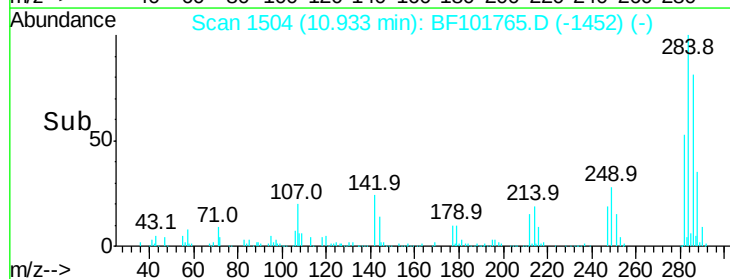
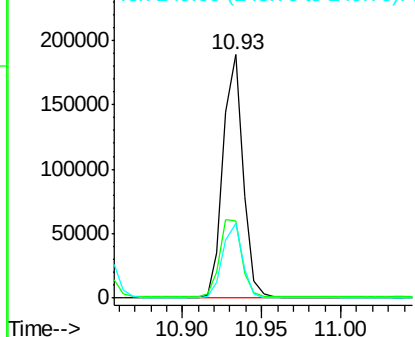


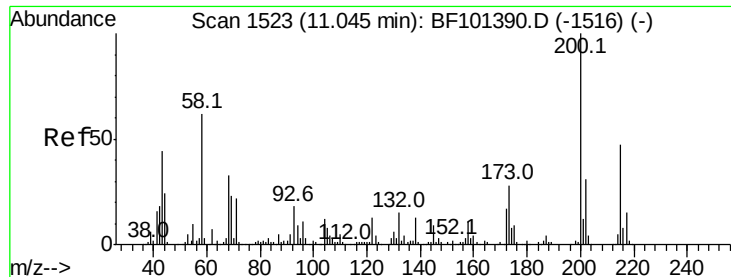
#67
Hexachlorobenzene
Concen: 28.526 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:284 Resp: 165520
Ion Ratio Lower Upper
284 100
142 31.8 34.6 52.0#
249 30.6 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

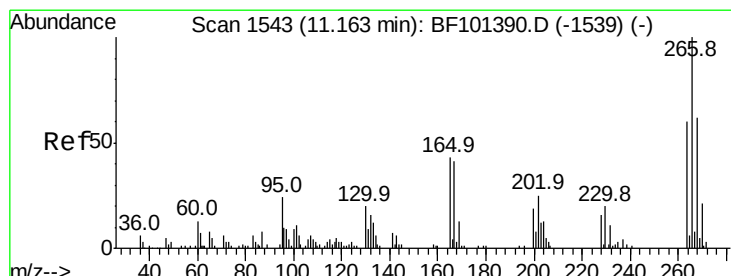
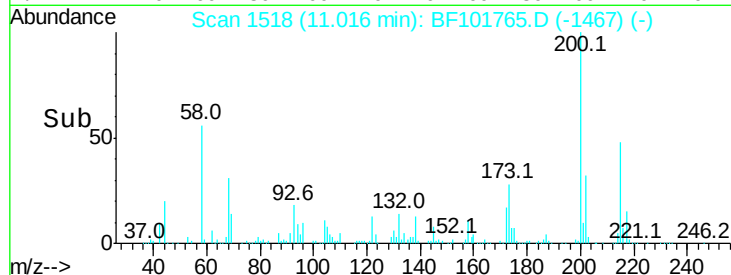
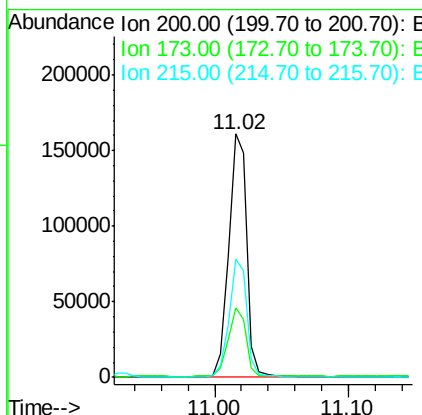
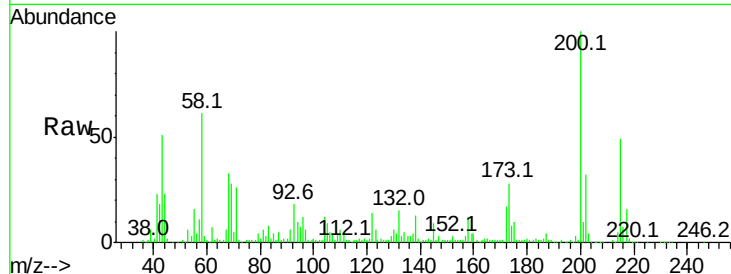




#68
 Atrazine
 Concen: 28.401 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

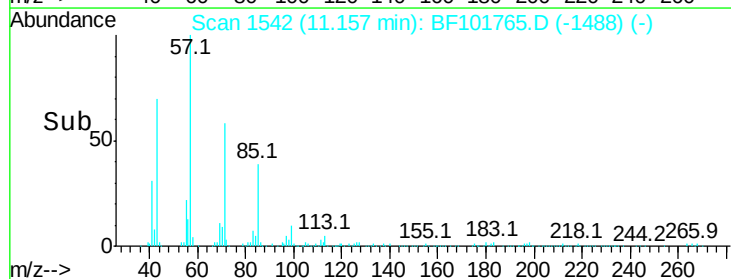
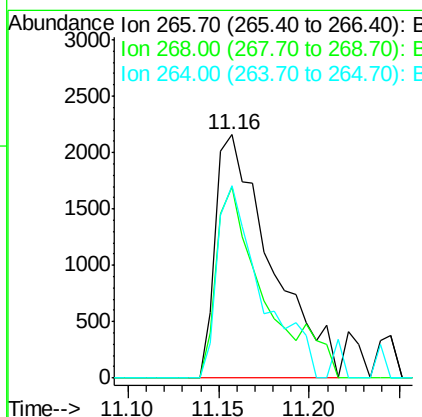
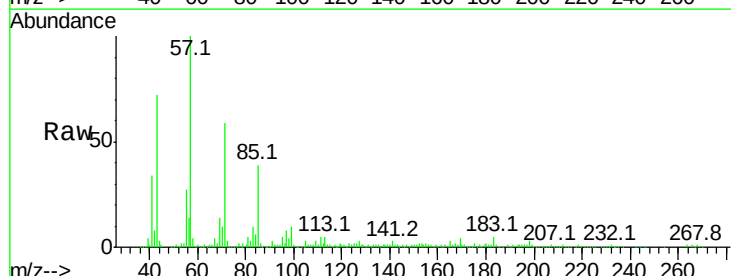
Instrument :
 BNA_F
 ClientSampleId :

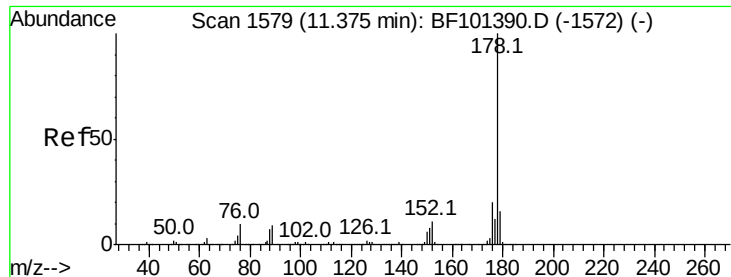
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	48.6	25.1	65.1



#69
 Pentachlorophenol
 Concen: 8.433 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.02 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	78.7	51.1	76.7#
264	78.8	49.5	74.3#

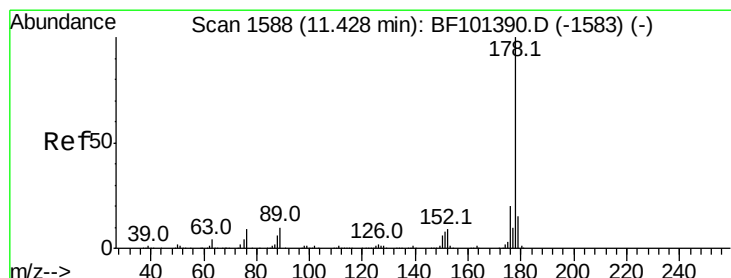
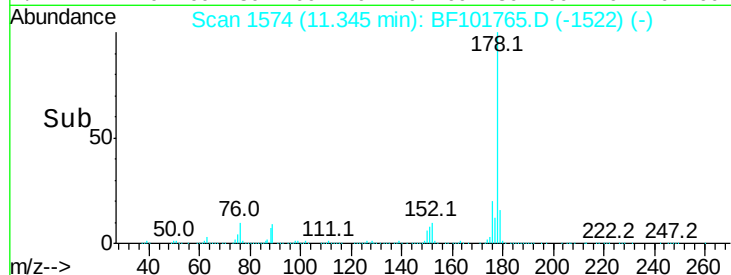
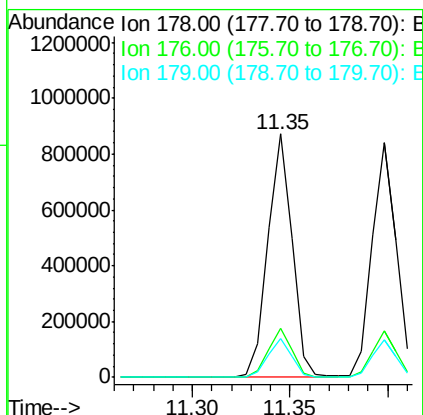
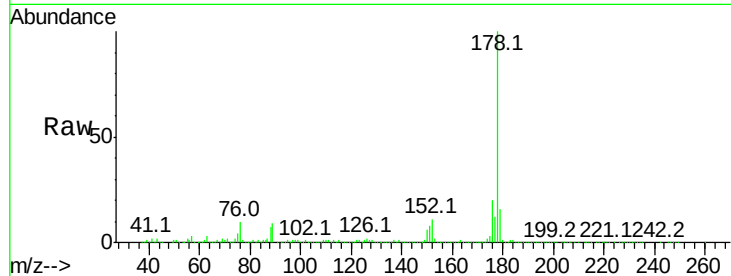




#70
Phenanthrene
Concen: 27.709 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

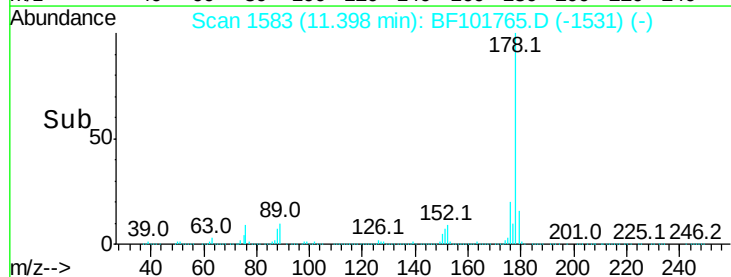
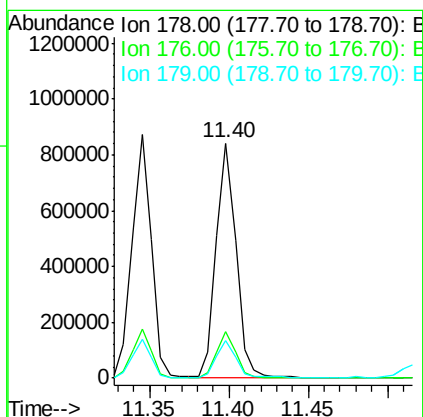
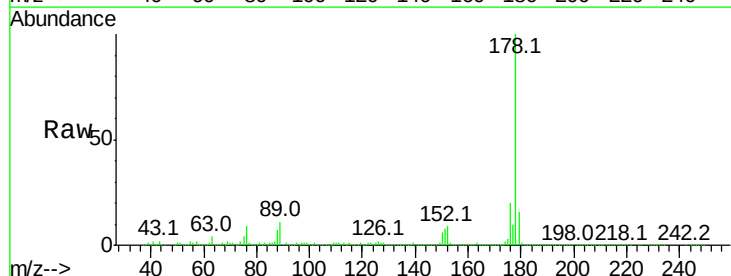
Instrument :
BNA_F
ClientSampled :

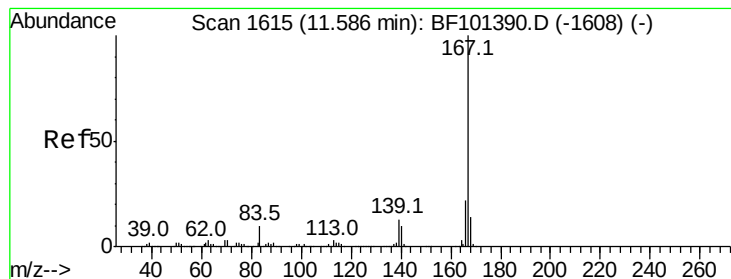
Tot Ion:178 Resp: 751864
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.9 13.0 19.6



#71
Anthracene
Concen: 26.594 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:178 Resp: 737102
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.9 12.6 19.0





#72

Carbazole

Concen: 21.849 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

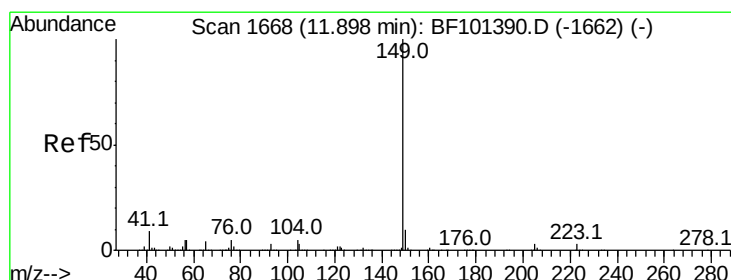
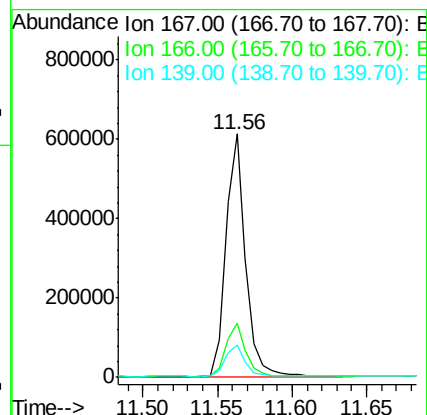
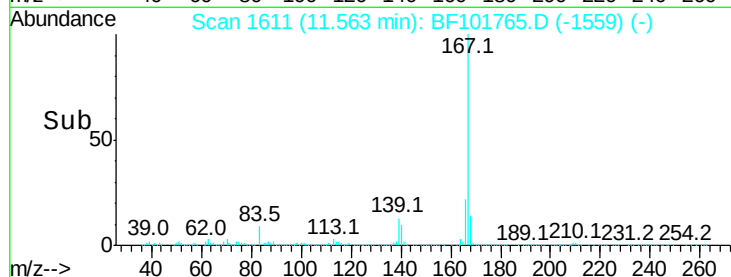
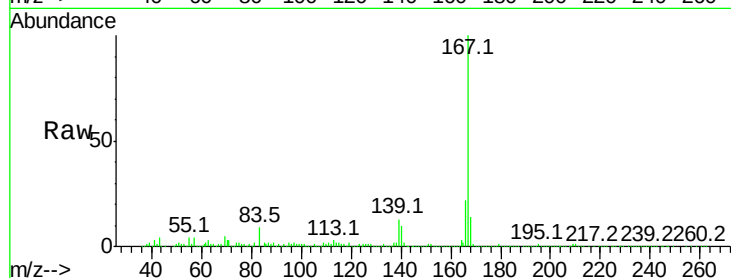
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 566990

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.4	10.9	16.3



#73

Di-n-butylphthalate

Concen: 28.422 ng

RT: 11.87 min Scan# 1663

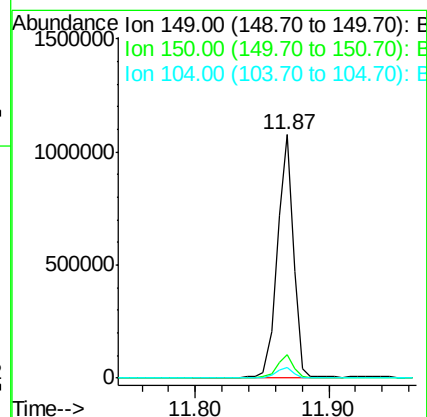
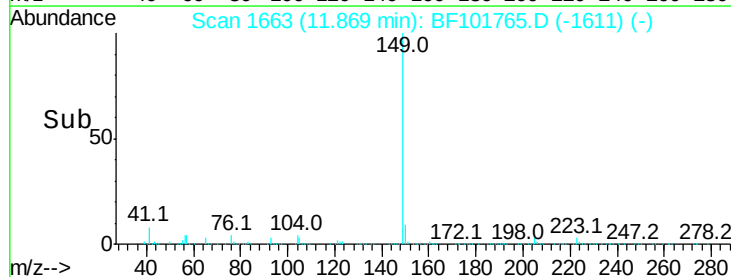
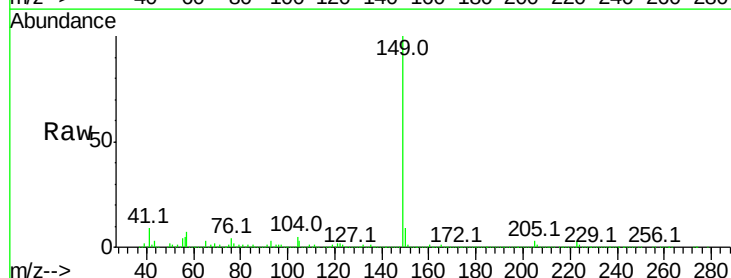
Delta R.T. 0.01 min

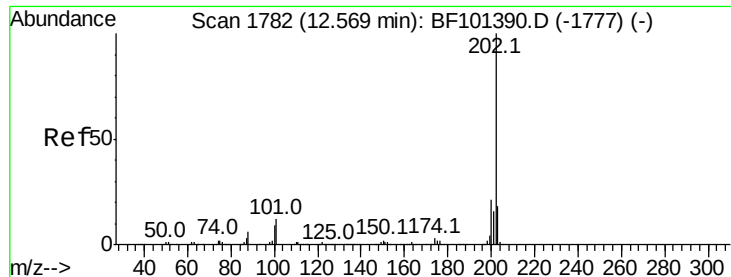
Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Tgt Ion:149 Resp: 895196

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.6	3.8	5.8





#74

Fluoranthene

Concen: 23.333 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

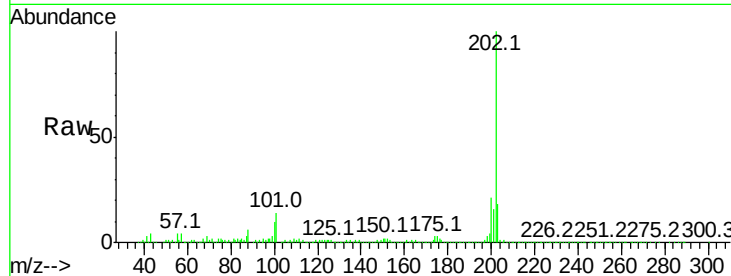
Tot Ion:202 Resp: 664547

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

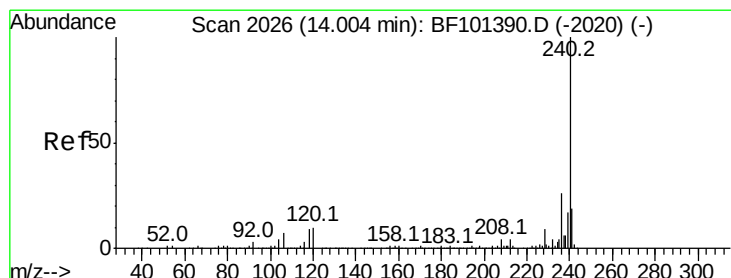
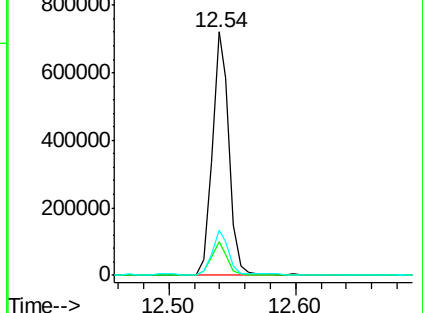
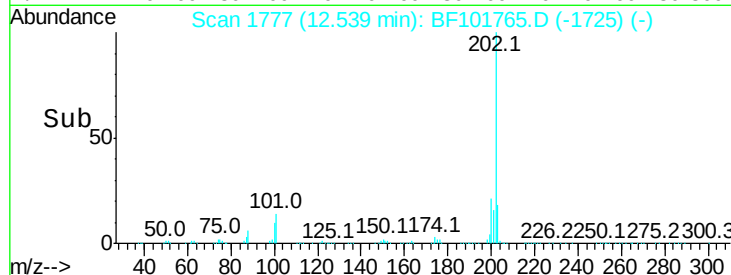
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

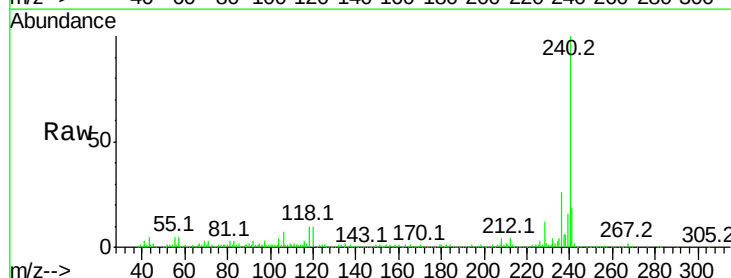
Tgt Ion:240 Resp: 297318

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

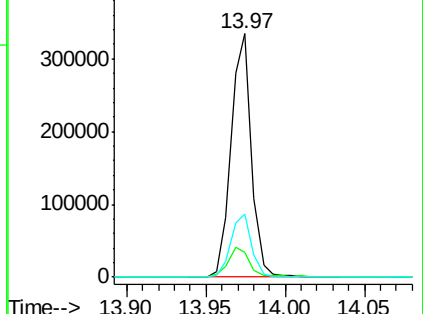
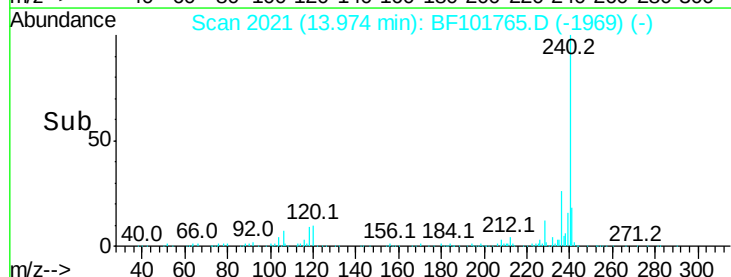
236 26.0 20.7 31.1

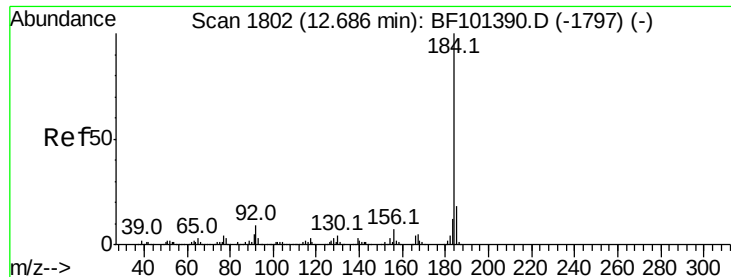


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 5.443 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.02 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

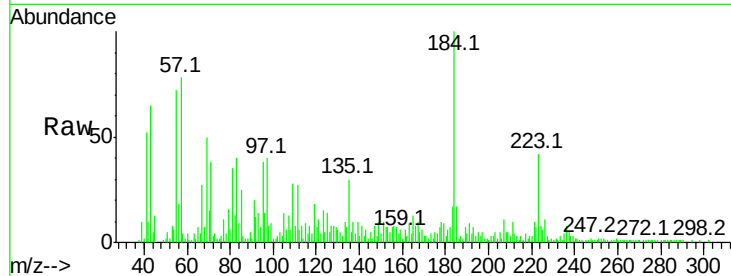
Tot Ion:184 Resp: 68347

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

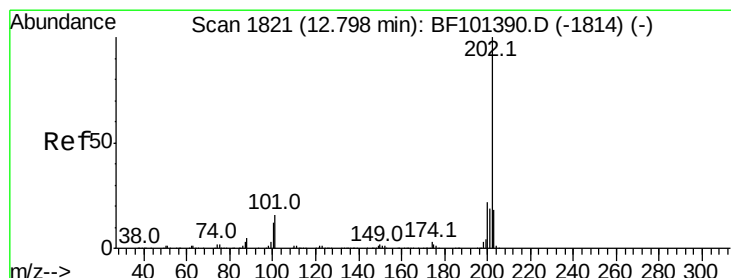
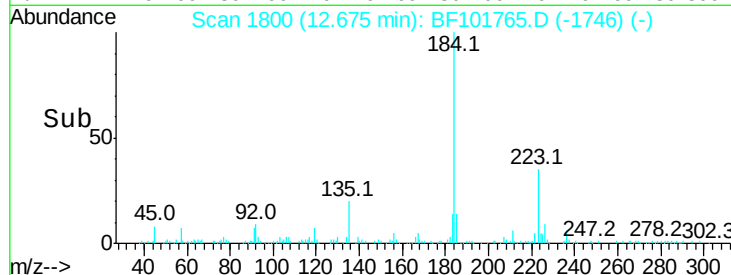
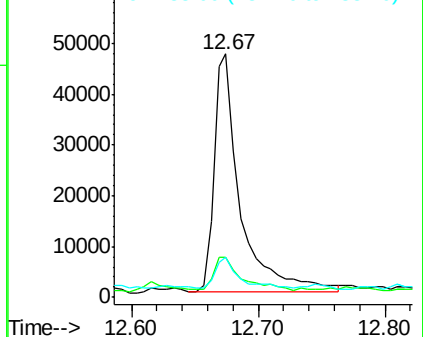
183 16.6 9.3 13.9#



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

Pyrene

Concen: 28.807 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

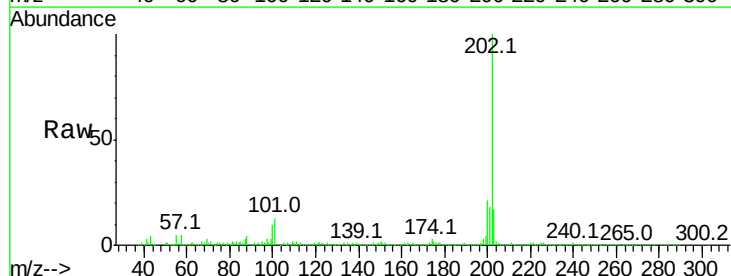
Tgt Ion:202 Resp: 642782

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

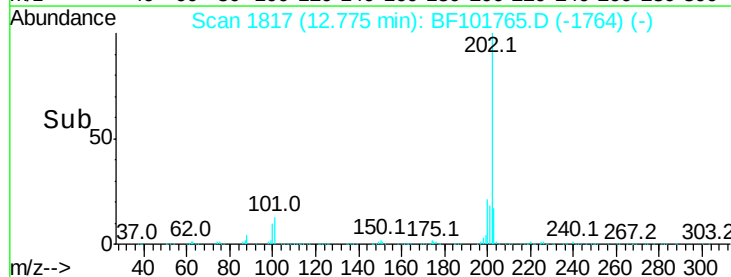
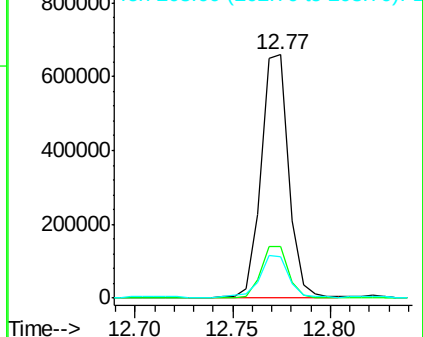
203 17.2 14.3 21.5

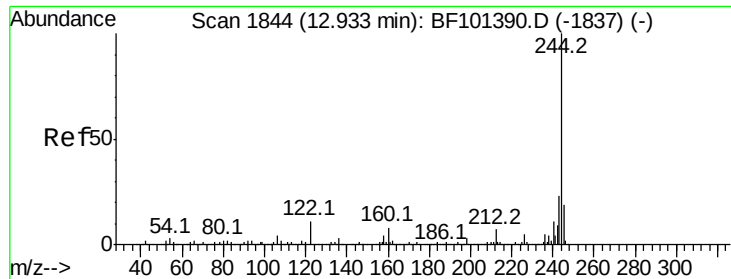


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.789 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampled :

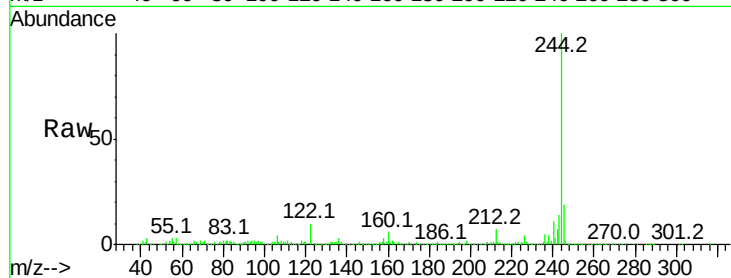
Tot Ion:244 Resp: 873037

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

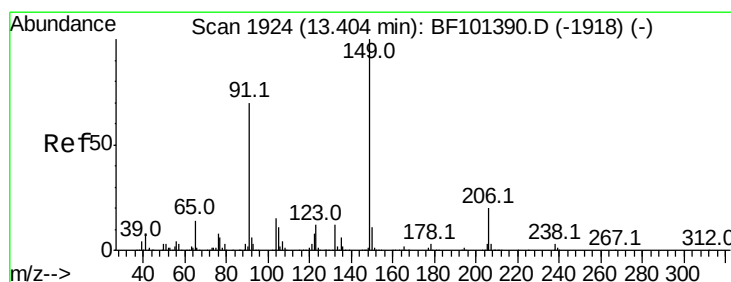
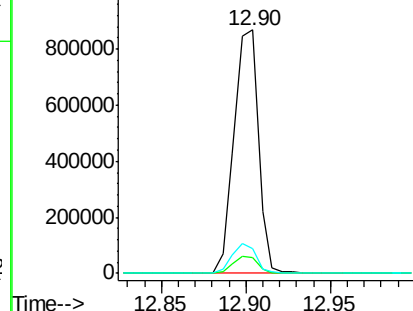
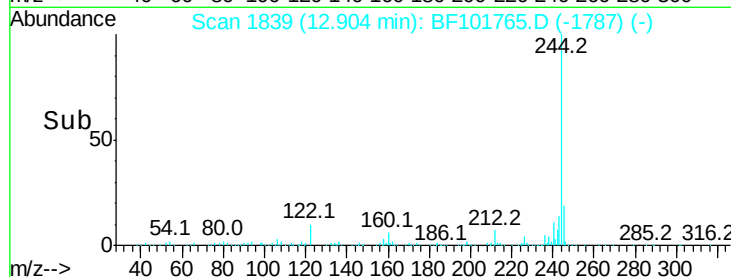
122 10.3 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 27.862 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

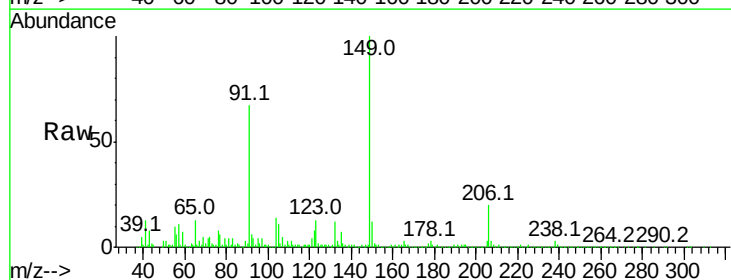
Tgt Ion:149 Resp: 281305

Ion Ratio Lower Upper

149 100

91 67.3 56.8 85.2

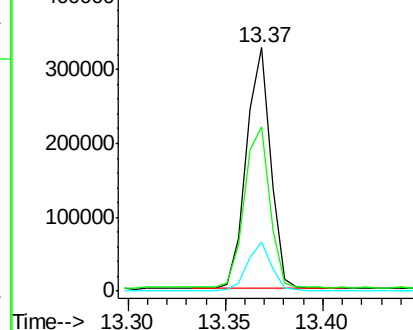
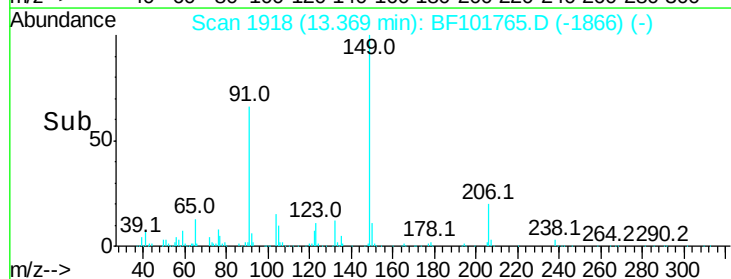
206 19.9 14.1 21.1

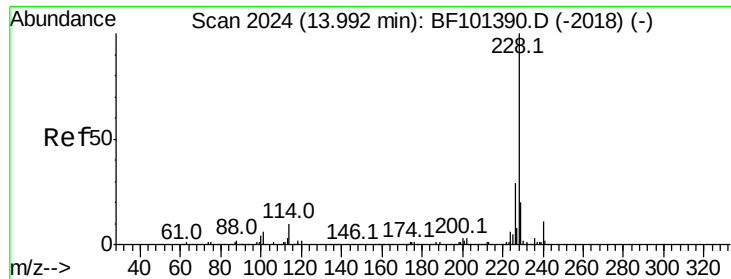


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

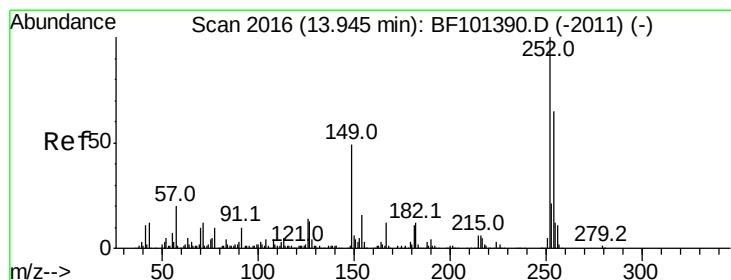
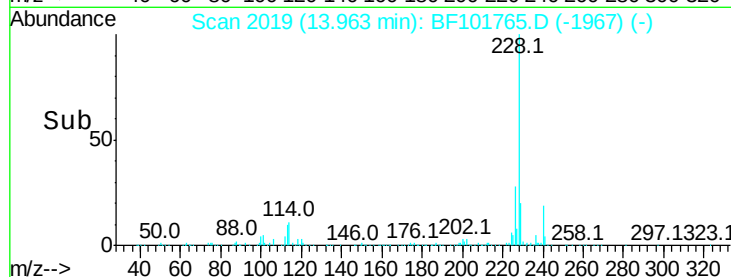
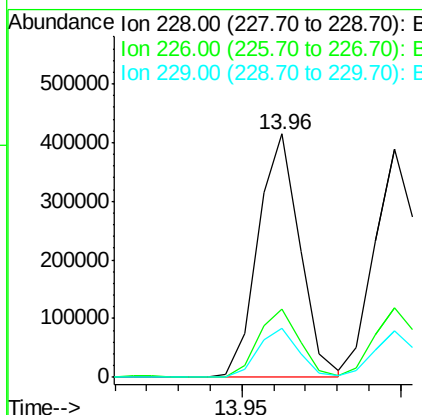
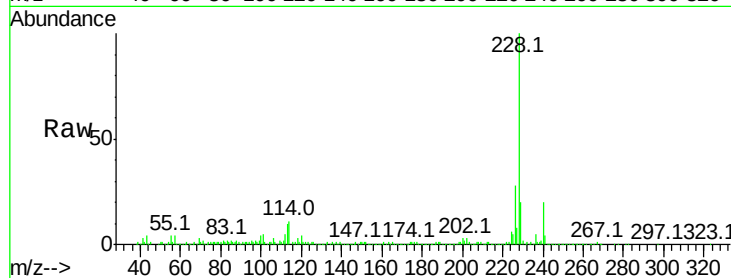




#80
Benzo(a)anthracene
Concen: 19.285 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

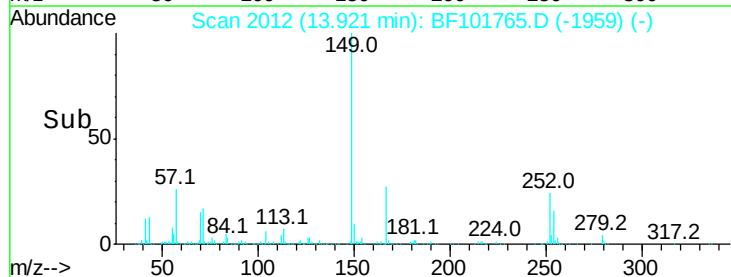
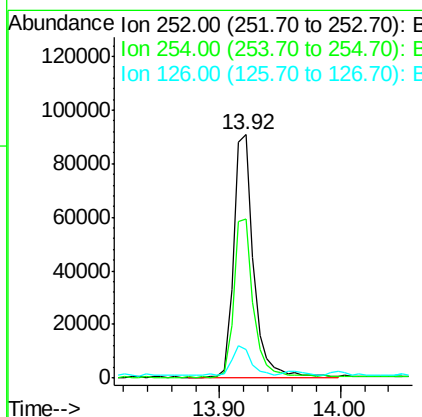
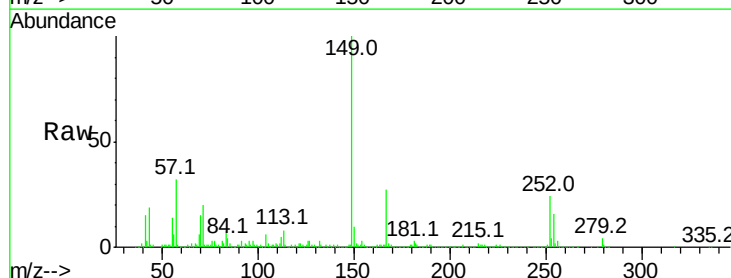
Instrument :
BNA_F
ClientSampleId :

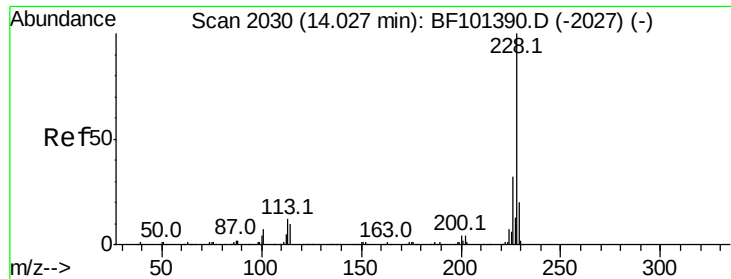
Tot Ion:228 Resp: 378613
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.2 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 16.579 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:252 Resp: 106130
Ion Ratio Lower Upper
252 100
254 65.5 50.4 75.6
126 12.0 11.3 16.9





#82

Chrysene

Concen: 20.229 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

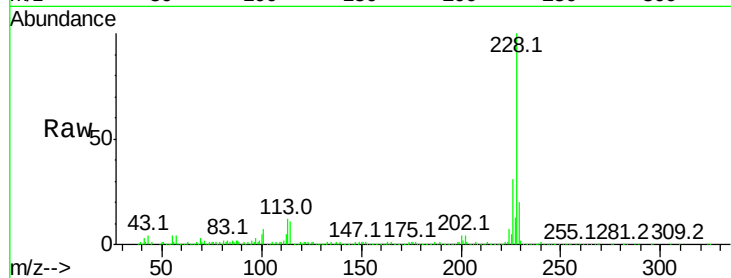
Tot Ion:228 Resp: 374983

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

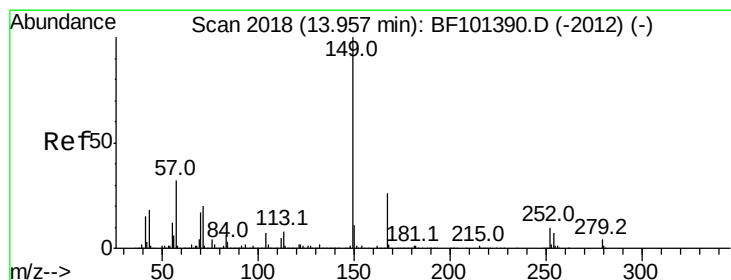
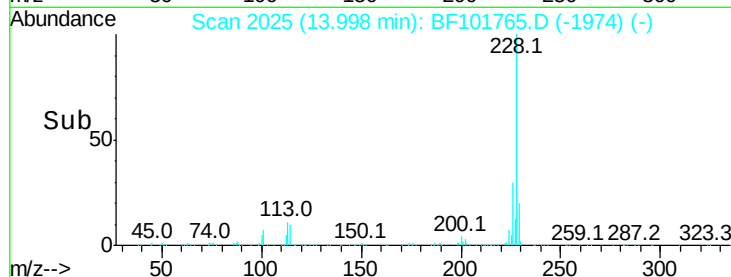
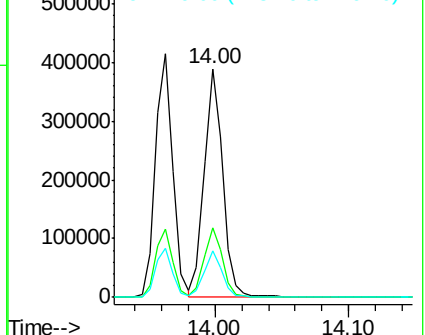
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.848 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

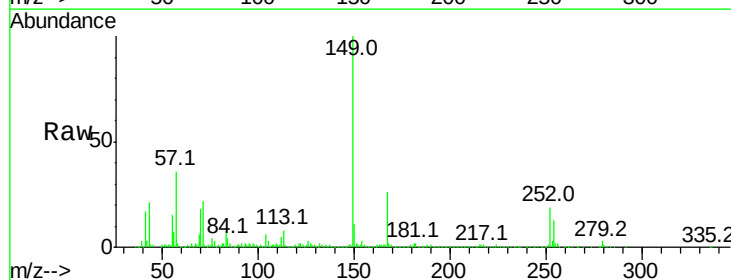
Tgt Ion:149 Resp: 420069

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

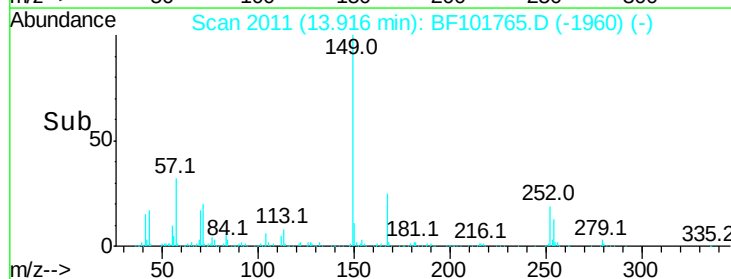
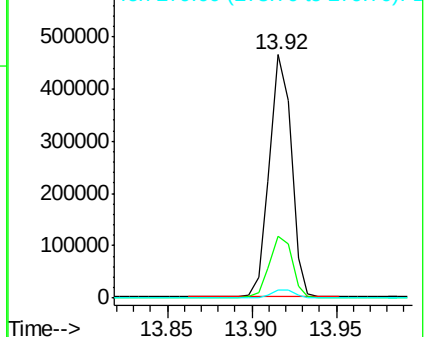
279 3.2 3.0 4.4

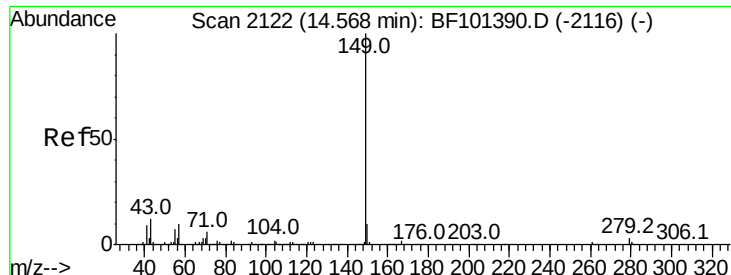


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

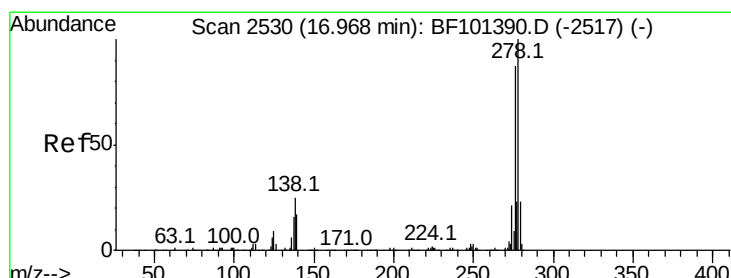
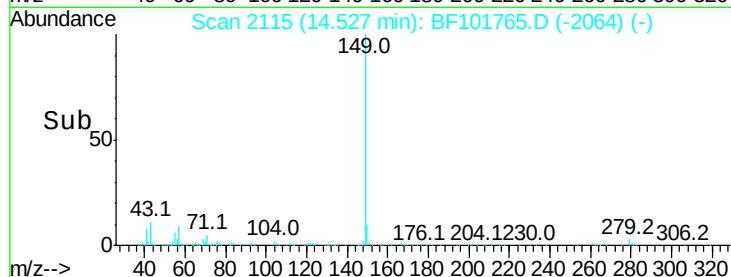
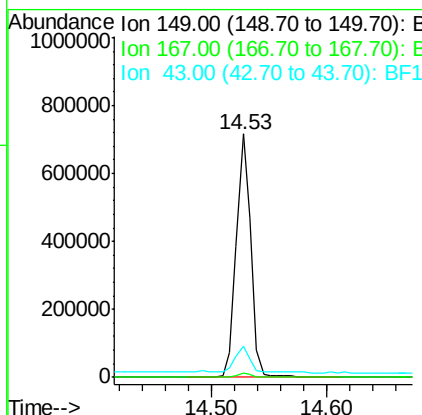
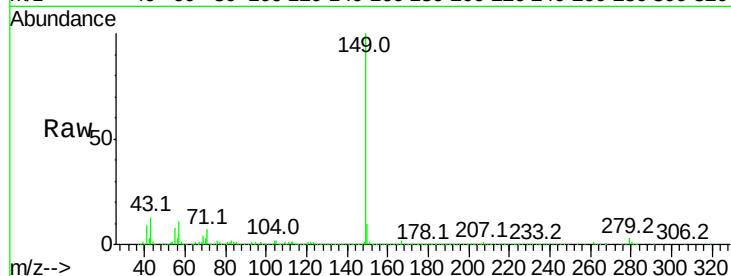




#84
Di-n-octyl phthalate
Concen: 26.981 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

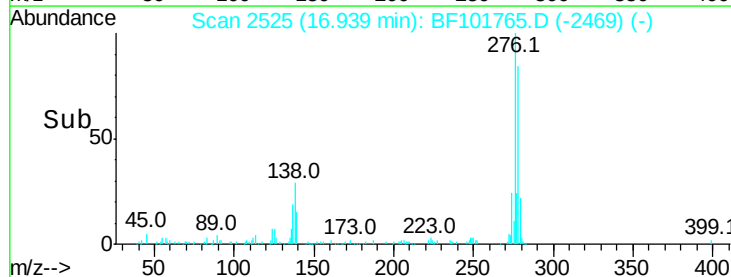
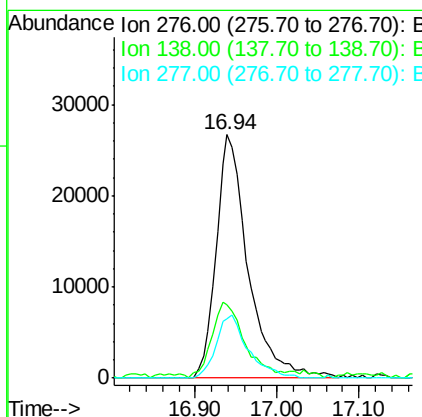
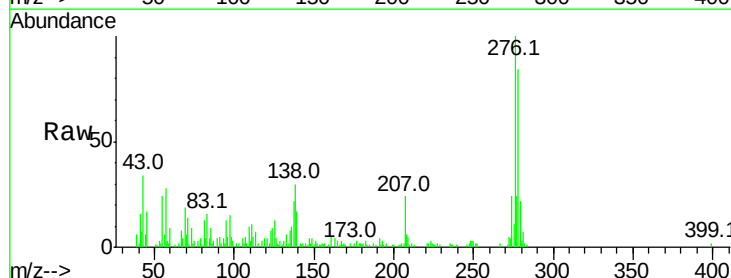
Instrument :
BNA_F
ClientSampled :

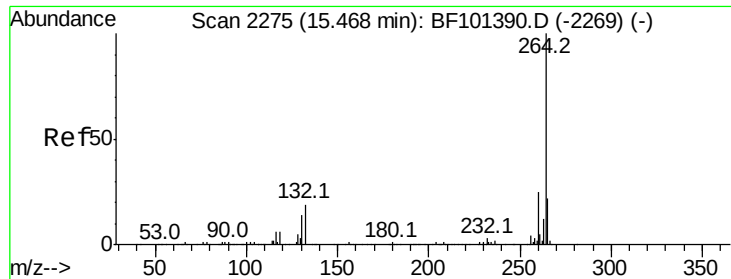
Tot Ion:149 Resp: 615356
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 4.390 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.03 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:276 Resp: 72458
Ion Ratio Lower Upper
276 100
138 32.3 25.0 37.6
277 25.8 20.1 30.1

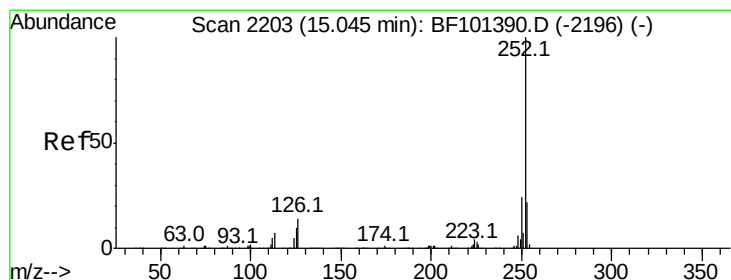
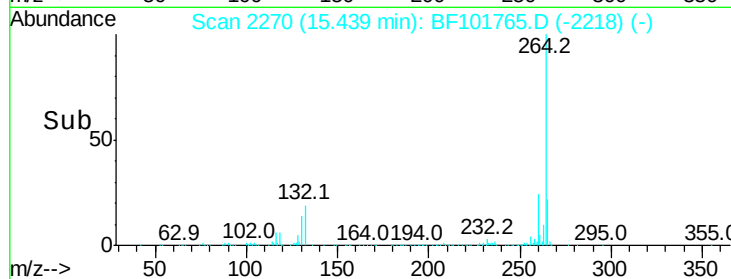
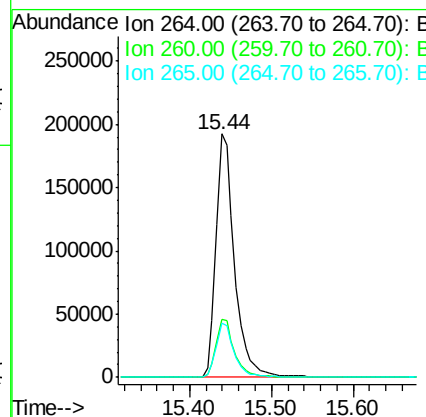
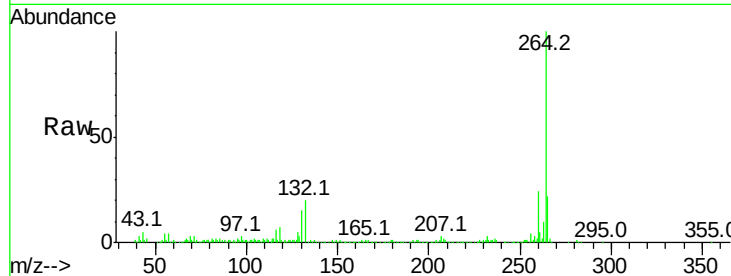




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

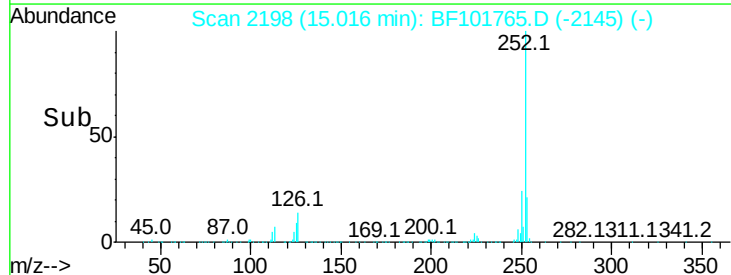
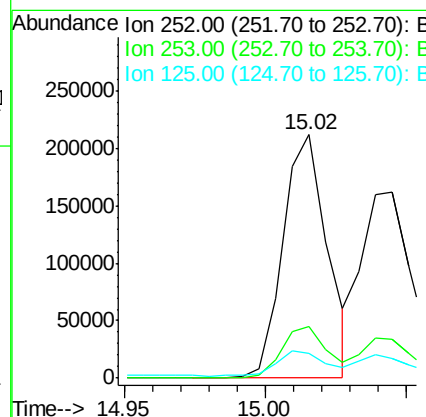
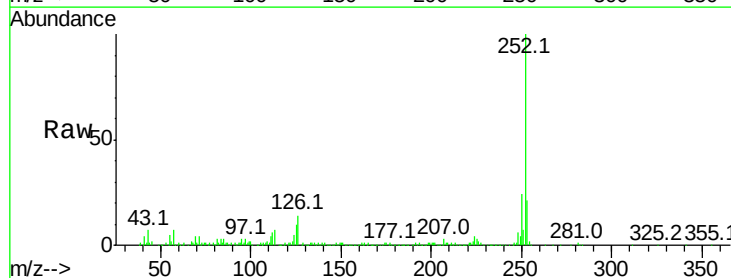
Instrument :
BNA_F
ClientSampleId :

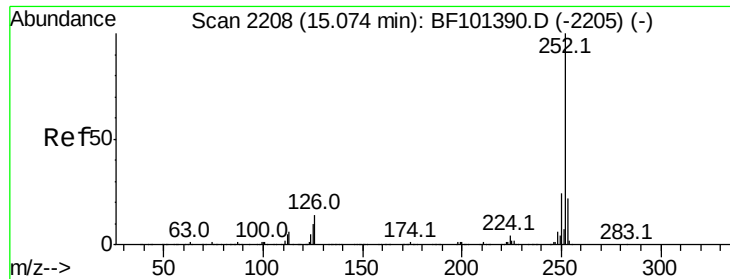
Tot Ion:264 Resp: 303903
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 12.495 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:252 Resp: 231458
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 10.2 9.0 13.6

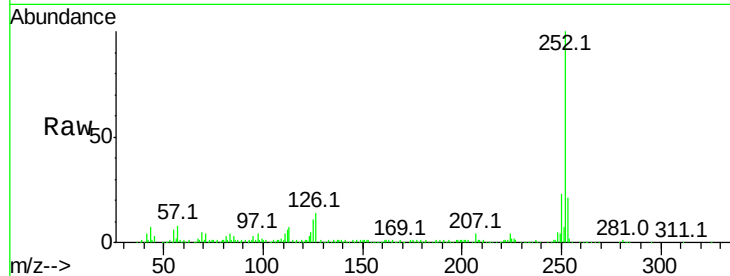




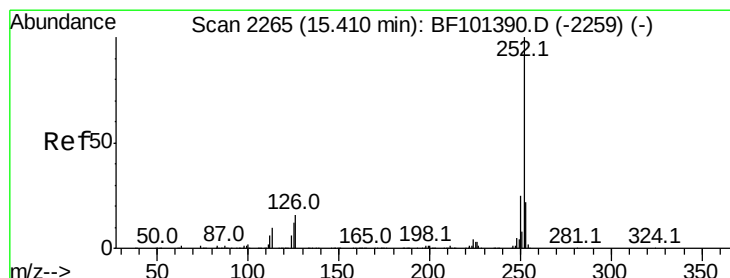
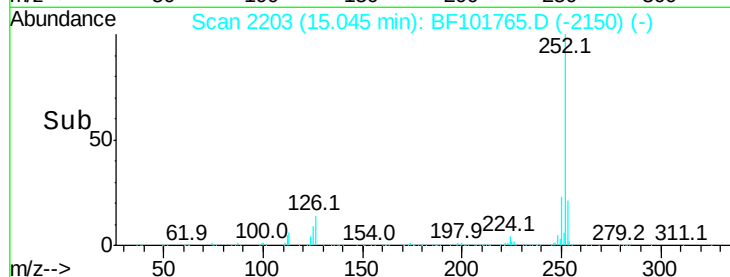
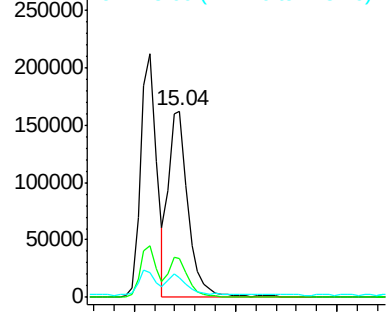
#88
Benzo(k)fluoranthene
Concen: 12.052 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 217060
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 10.8 10.2 15.2

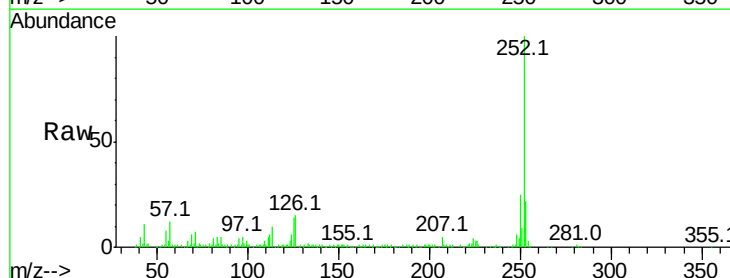


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

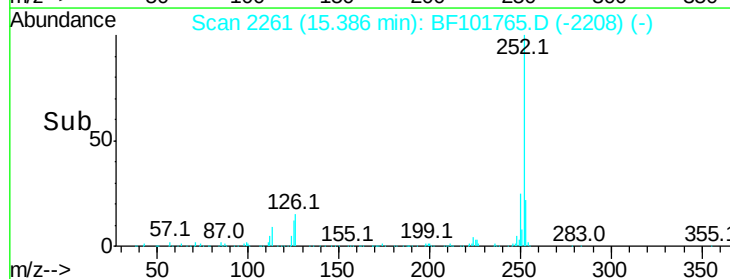
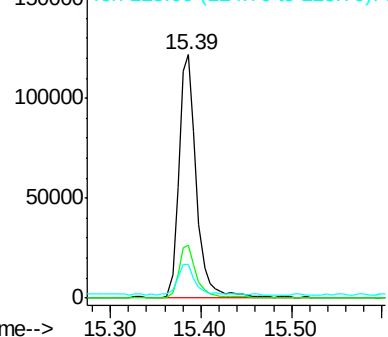


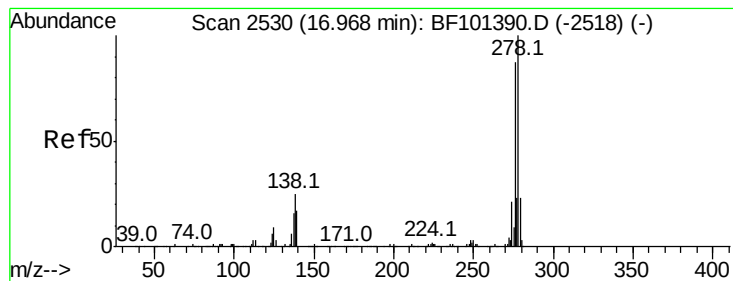
#89
Benzo(a)pyrene
Concen: 9.778 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:252 Resp: 166973
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.807 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.03 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

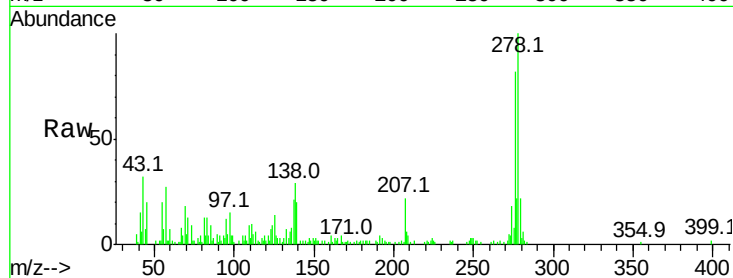
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 70478

Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.9	23.9
279	22.3	19.0	28.4

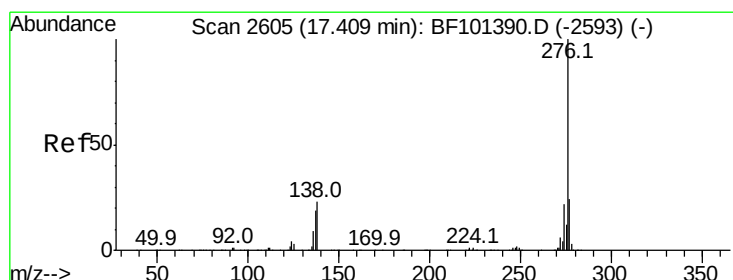
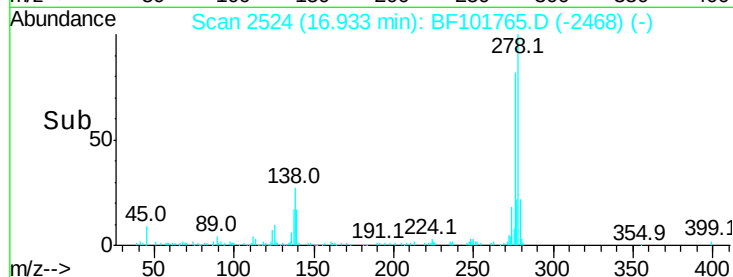
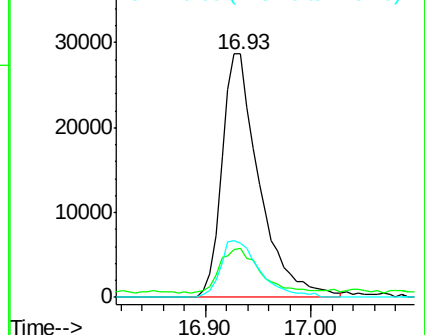


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.882 ng

RT: 17.40 min Scan# 2604

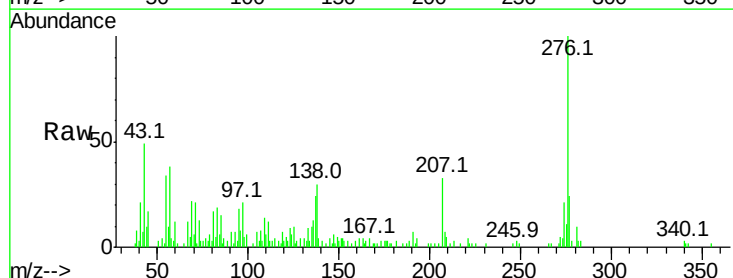
Delta R.T. 0.05 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Tgt Ion:276 Resp: 56353

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	29.9	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

