

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102930.D
 Acq On : 12 Feb 2018 19:38
 Operator : SJ/JU
 Sample : PB106454BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 01:06:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	178122	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	723936	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	282818	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	386025	20.00	ng	0.00
75) Chrysene-d12	14.06	240	299879	20.00	ng	0.00
86) Perylene-d12	15.54	264	272787	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1095532	93.40	ng	0.02
7) Phenol-d6	6.52	99	1294552	91.67	ng	0.01
23) Nitrobenzene-d5	7.45	82	845910	81.06	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	190860	83.84	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1287834	75.56	ng	0.00
78) Terphenyl-d14	13.00	244	836067	66.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	167235	28.87	ng	86
4) n-Nitrosodimethylamine	3.43	42	246796	36.04	ng	93
6) Aniline	6.55	93	133958	6.42	ng	91
8) 2-Chlorophenol	6.67	128	405480	33.58	ng	97
9) Benzaldehyde	6.43	77	118663	11.31	ng	97
10) Phenol	6.53	94	504188	33.31	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	414576	32.92	ng	91
12) 1,3-Dichlorobenzene	6.83	146	432813	30.95	ng	98
13) 1,4-Dichlorobenzene	6.90	146	431918	31.01	ng	98
14) 1,2-Dichlorobenzene	7.06	146	403713	31.12	ng	100
15) Benzyl Alcohol	7.03	79	367991	33.89	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	735646	30.75	ng	98
17) 2-Methylphenol	7.13	107	341922	30.70	ng	98
18) Hexachloroethane	7.40	117	141462	29.62	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	285137	30.62	ng	96
20) 3+4-Methylphenols	7.29	107	403179	29.35	ng	# 83
22) Acetophenone	7.29	105	552283	31.18	ng	# 87
24) Nitrobenzene	7.47	77	451843	36.80	ng	98
25) Isophorone	7.70	82	817873	34.04	ng	97
26) 2-Nitrophenol	7.79	139	195190	40.38	ng	99
27) 2,4-Dimethylphenol	7.82	122	344644	33.95	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	524575	36.85	ng	99
29) 2,4-Dichlorophenol	8.03	162	310135	33.60	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	321712	30.81	ng	99
31) Naphthalene	8.19	128	1123863	31.77	ng	100
32) Benzoic acid	7.87	122	27610	12.21	ng	94
33) 4-Chloroaniline	8.24	127	162509	10.67	ng	98
34) Hexachlorobutadiene	8.30	225	168055	31.41	ng	98
35) Caprolactam	8.59	113	60473	18.87	ng	# 75
36) 4-Chloro-3-methylphenol	8.72	107	333206	32.13	ng	99
37) 2-Methylnaphthalene	8.88	142	730443	31.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	274768	35.68	ng	99
40) Hexachlorocyclopentadiene	9.03	237	39185	10.70	ng	96
42) 2,4,6-Trichlorophenol	9.16	196	175991	34.79	ng	99

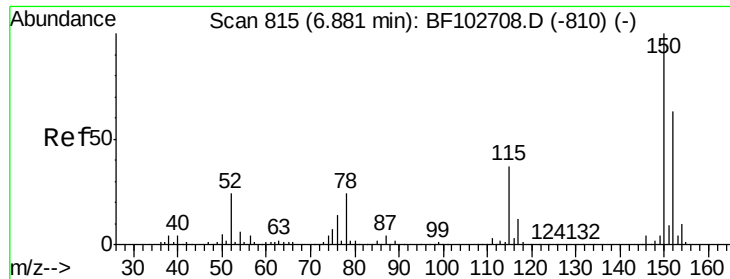
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	180155	31.60	nq	97
45) 1,1'-Biphenyl	9.35	154	823066	34.55	nq	99
46) 2-Chloronaphthalene	9.37	162	628442	33.51	nq	98
47) 2-Nitroaniline	9.47	65	231639	40.60	nq	91
48) Acenaphthylene	9.79	152	919378	31.56	nq	100
49) Dimethylphthalate	9.65	163	825097	37.42	nq	99
50) 2,6-Dinitrotoluene	9.71	165	150975	35.99	nq	98
51) Acenaphthene	9.96	154	532984	30.60	nq	99
52) 3-Nitroaniline	9.87	138	156447	30.31	nq	92
53) 2,4-Dinitrophenol	9.98	184	8985	18.59	nq	# 23
54) Dibenzofuran	10.13	168	801200	32.64	nq	98
55) 4-Nitrophenol	10.03	139	204788	49.87	nq	88
56) 2,4-Dinitrotoluene	10.11	165	181065	33.19	nq	# 90
57) Fluorene	10.47	166	567390	31.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	116134	29.39	nq	93
59) Diethylphthalate	10.34	149	701603	32.22	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	268430	33.97	nq	99
61) 4-Nitroaniline	10.49	138	152209	30.98	nq	98
62) Azobenzene	10.62	77	687785	31.62	nq	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	11042	15.03	nq	# 78
65) n-Nitrosodiphenylamine	10.58	169	516050	37.90	nq	98
66) 4-Bromophenyl-phenylether	10.96	248	152836	37.43	nq	92
67) Hexachlorobenzene	11.02	284	145718	32.35	nq	100
68) Atrazine	11.10	200	133549	33.25	nq	97
69) Pentachlorophenol	11.22	266	123117	46.56	nq	97
70) Phenanthrene	11.44	178	699135	32.52	nq	98
71) Anthracene	11.49	178	707644	32.36	nq	99
72) Carbazole	11.65	167	654331	30.54	nq	99
73) Di-n-butylphthalate	11.97	149	945542	36.34	nq	99
74) Fluoranthene	12.63	202	656016	30.33	nq	99
77) Pyrene	12.86	202	673401	28.64	nq	99
79) Butylbenzylphthalate	13.47	149	359544	32.31	nq	98
80) Benzo(a)anthracene	14.04	228	629608	33.38	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	163949	23.45	nq	98
82) Chrysene	14.08	228	607636	31.96	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	524130	36.38	nq	# 99
84) Di-n-octyl phthalate	14.64	149	926106	42.82	nq	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	477119	30.26	nq	98
87) Benzo(b)fluoranthene	15.10	252	585070	33.08	nq	97
88) Benzo(k)fluoranthene	15.13	252	597972	35.39	nq	99
89) Benzo(a)pyrene	15.48	252	546249	34.31	nq	97
90) Dibenzo(a,h)anthracene	17.06	278	410644	31.78	nq	98
91) Benzo(g,h,i)perylene	17.50	276	380723	30.10	nq	96

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

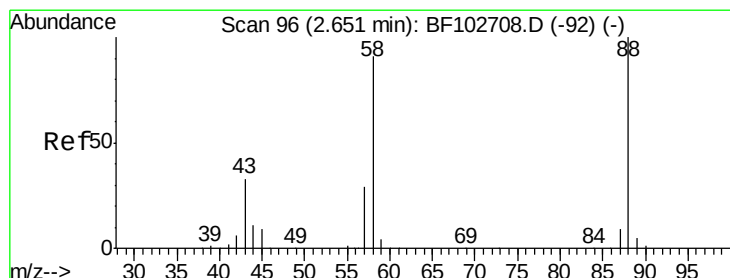
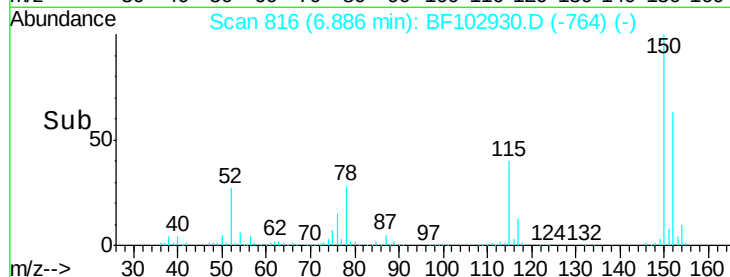
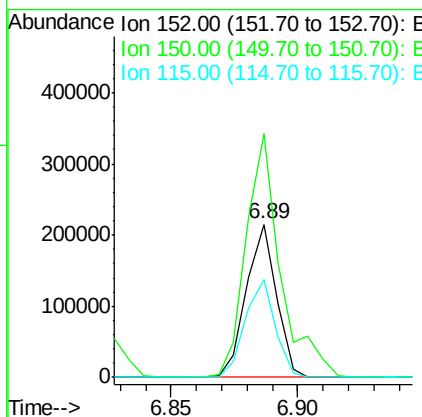
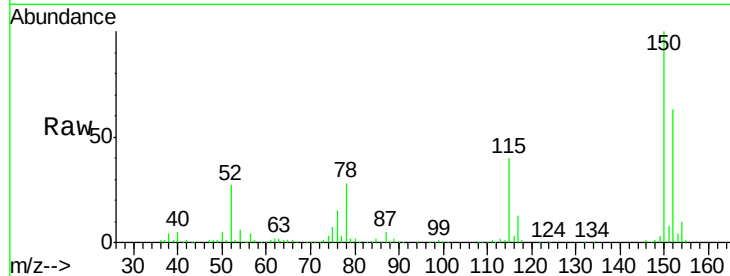


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampled :

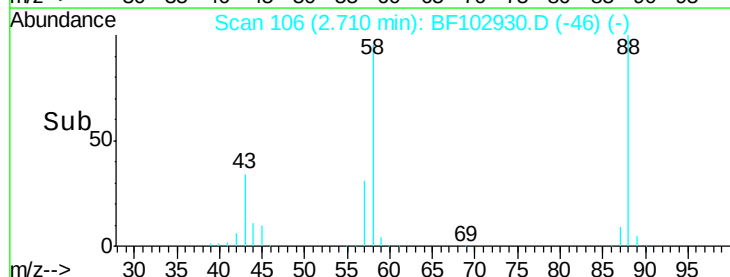
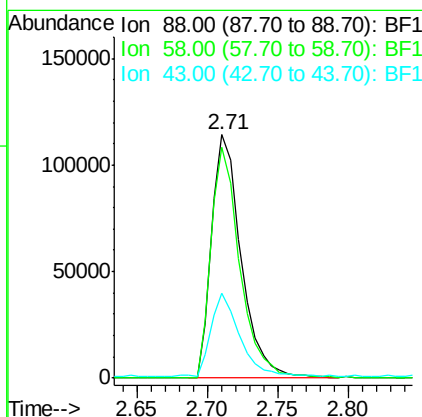
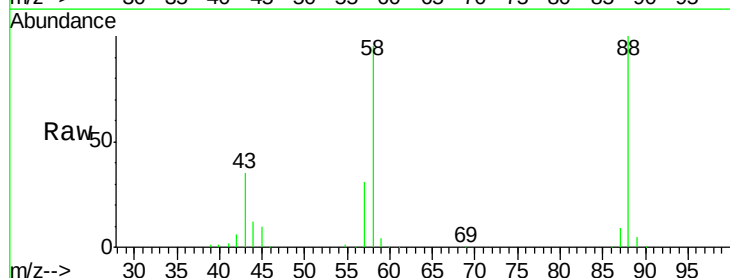
Tot Ion:152 Resp: 178122
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 64.1 50.1 75.1

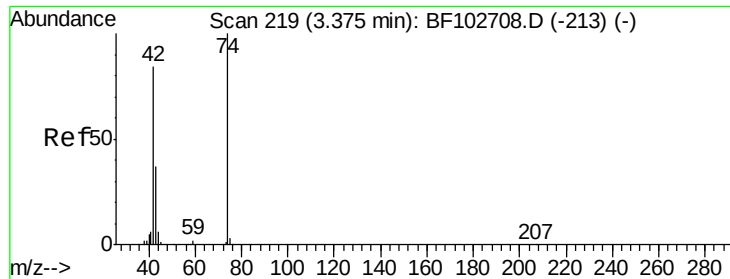


#2

1,4-Dioxane
Concen: 28.87 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.05 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion: 88 Resp: 167235
Ion Ratio Lower Upper
88 100
58 93.2 62.6 93.8
43 33.1 24.6 37.0



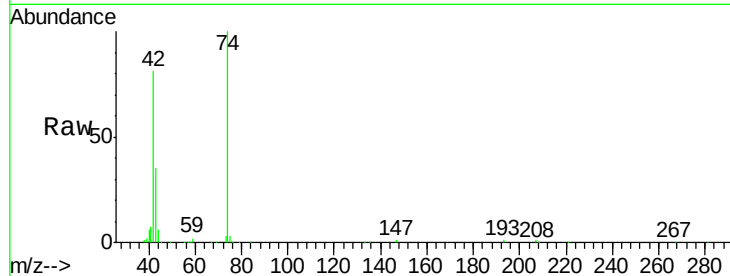


#4

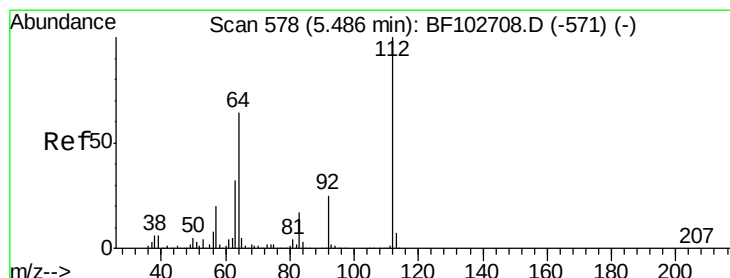
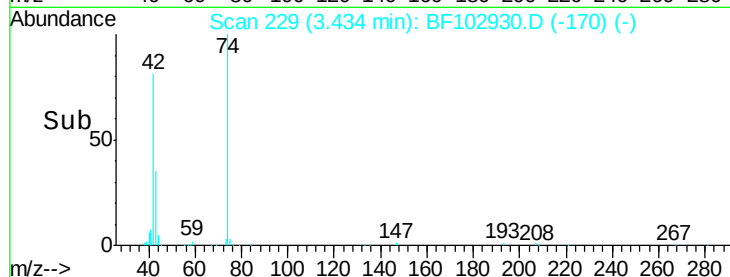
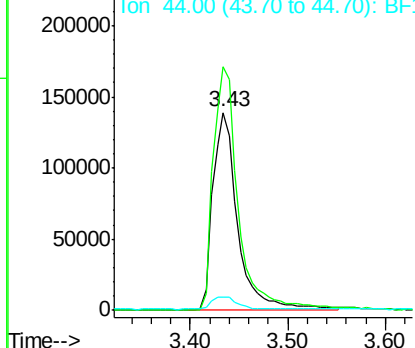
n-Nitrosodimethylamine
 Concen: 36.04 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.05 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	123.2	104.9	157.3
44	7.0	6.9	10.3



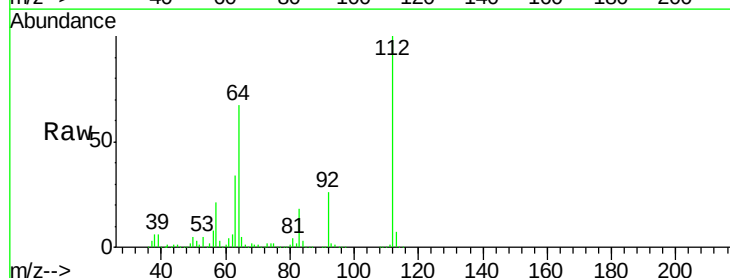
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



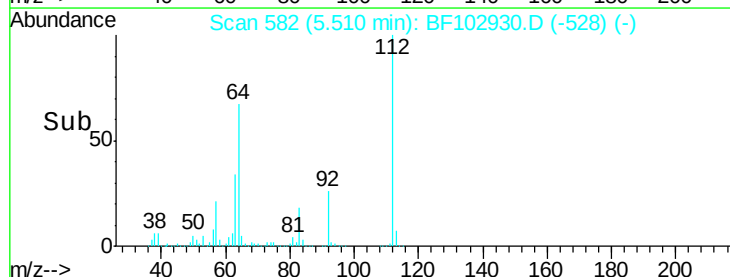
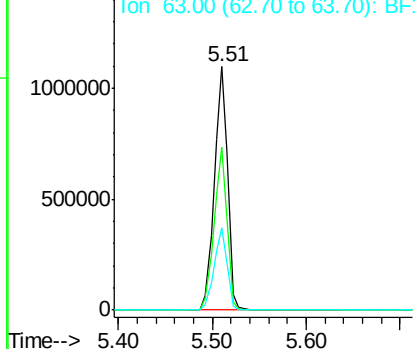
#5

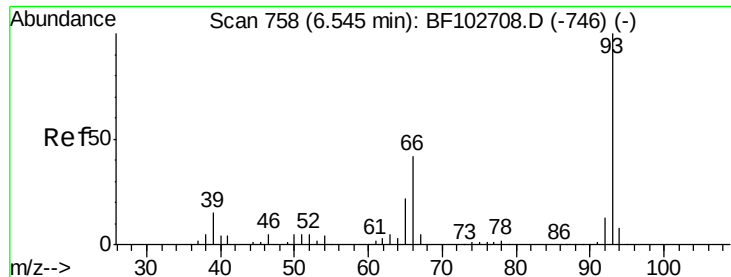
2-Fluorophenol
 Concen: 93.40 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	33.8	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: 6.42 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

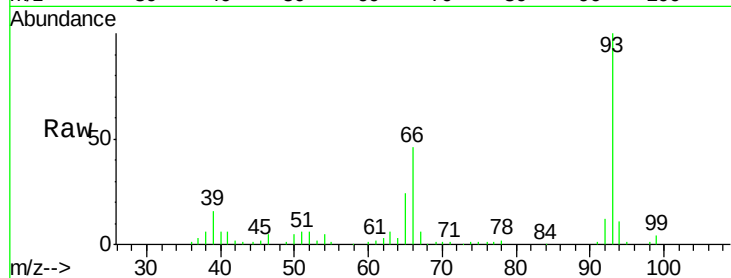
Tot Ion: 93 Resp: 133958

Ion Ratio Lower Upper

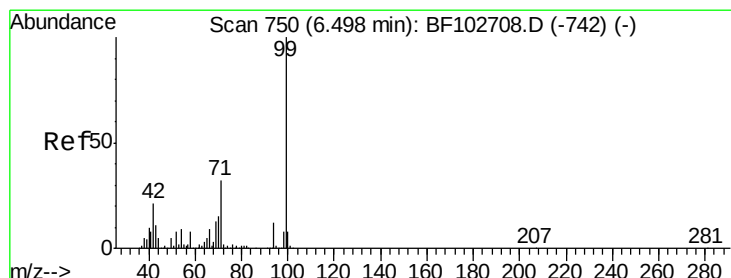
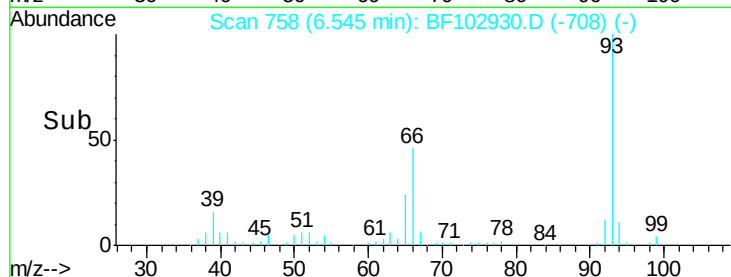
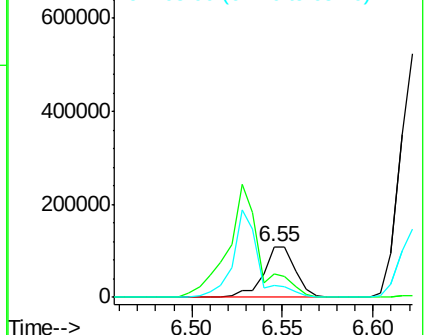
93 100

66 46.0 32.2 48.2

65 24.0 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: 91.67 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

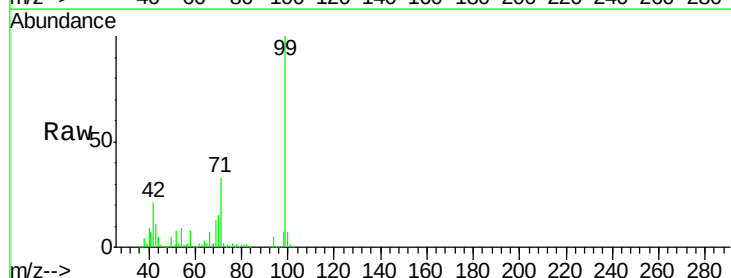
Tgt Ion: 99 Resp: 1294552

Ion Ratio Lower Upper

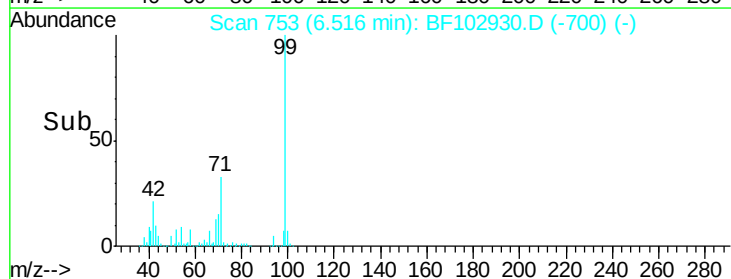
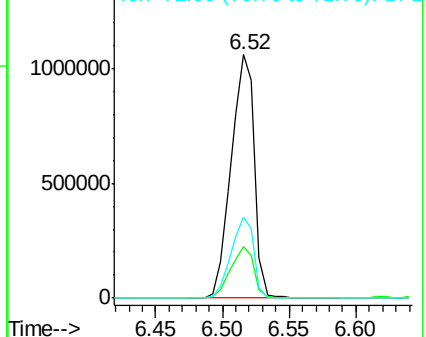
99 100

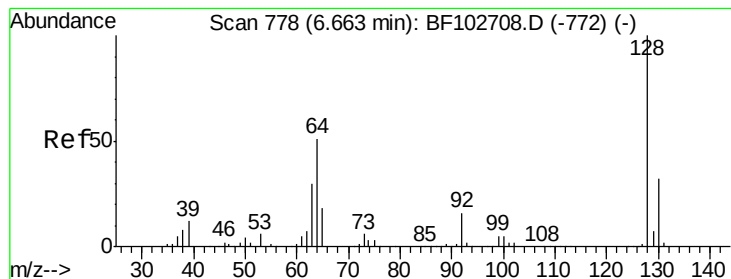
42 21.0 14.5 21.7

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: 33.58 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampled :

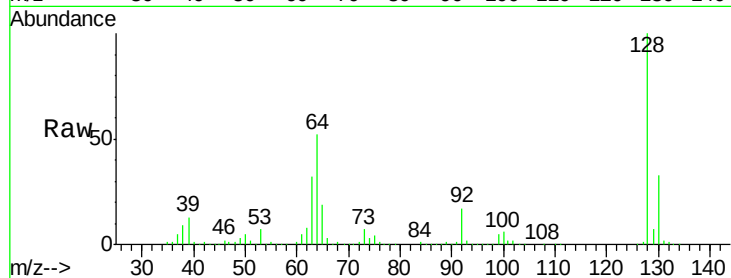
Tot Ion:128 Resp: 405480

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

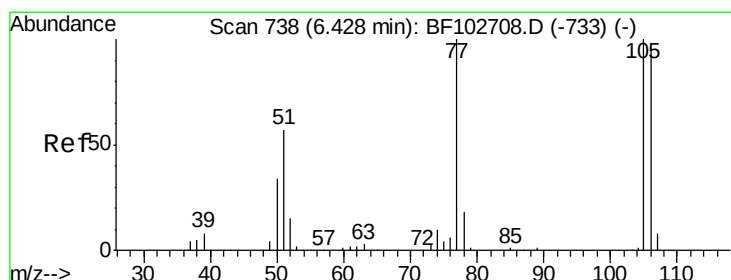
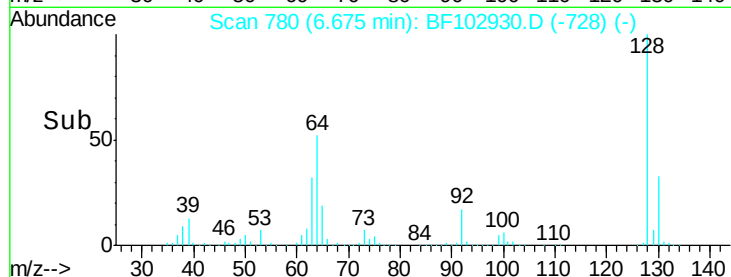
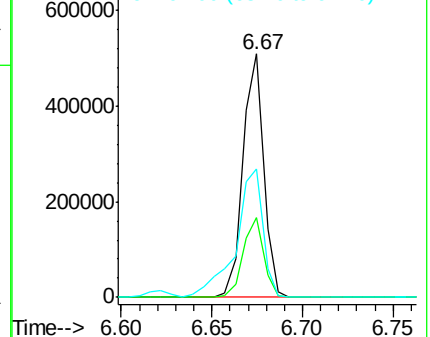
64 52.5 29.4 69.4



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: 11.31 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

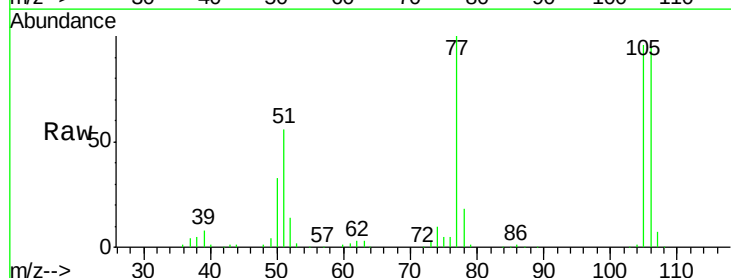
Tgt Ion: 77 Resp: 118663

Ion Ratio Lower Upper

77 100

105 96.0 81.1 121.1

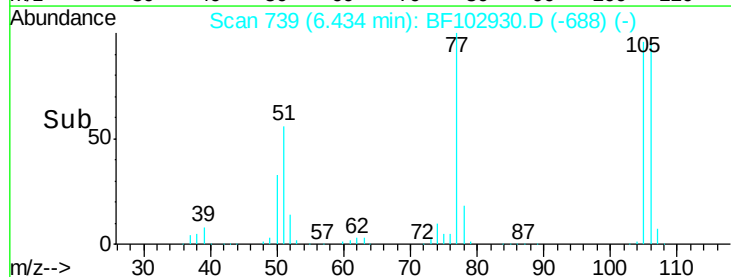
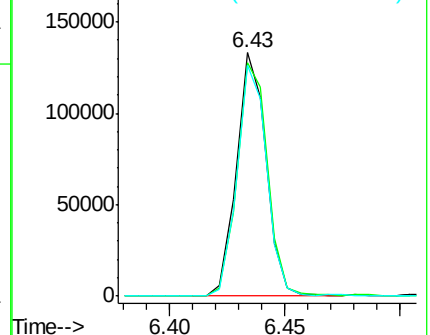
106 94.8 74.5 114.5

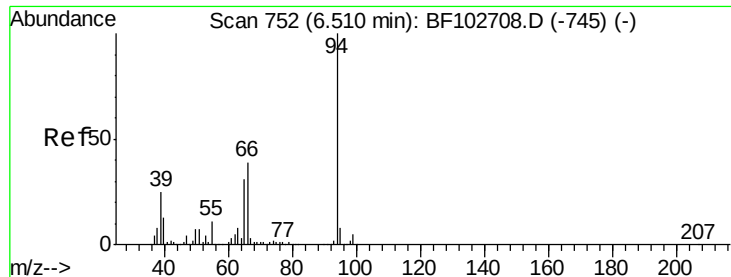


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

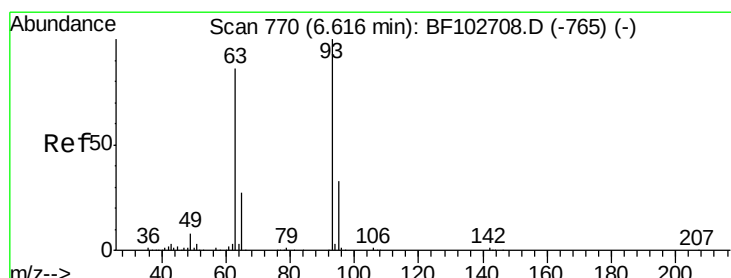
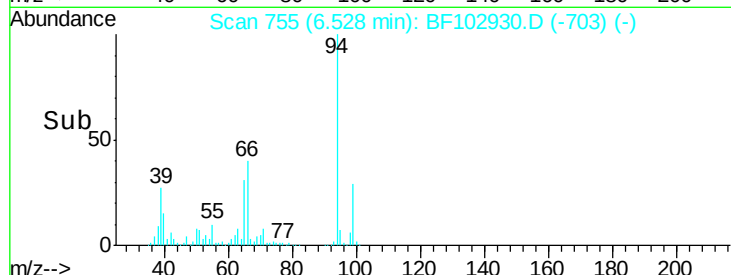
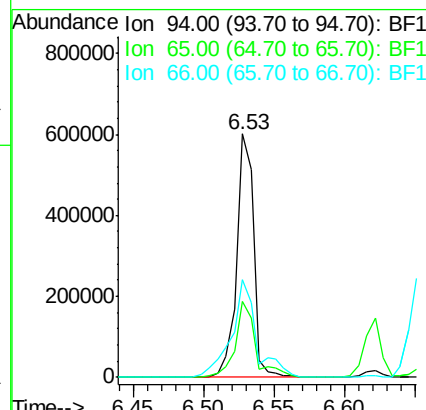
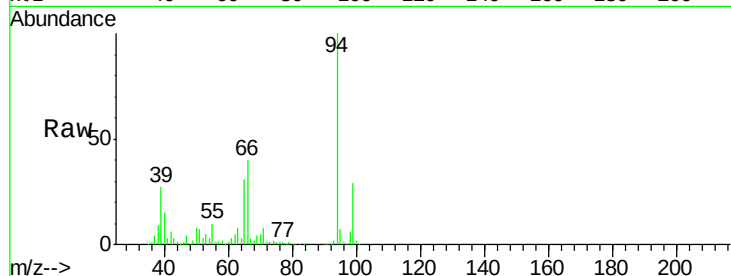




#10
Phenol
Concen: 33.31 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

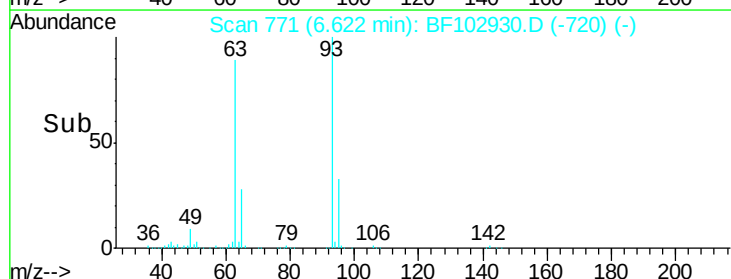
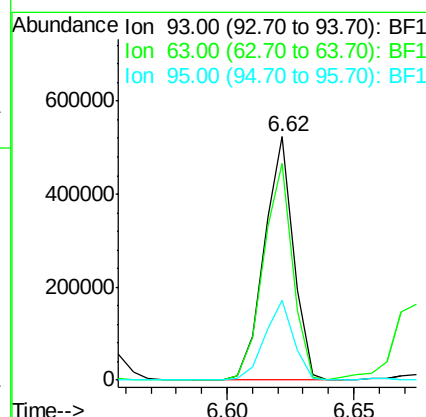
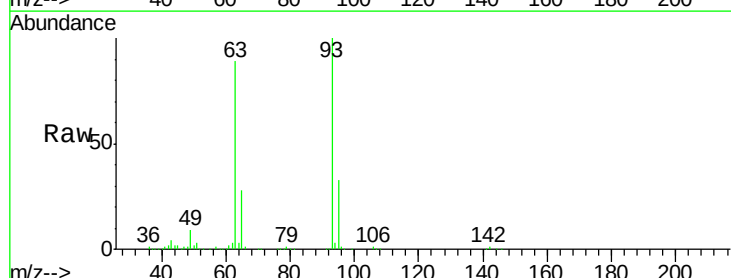
Instrument :
BNA_F
ClientSampled :

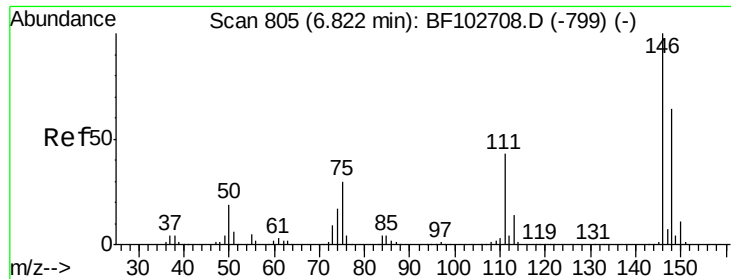
Tot Ion	Ratio	Lower	Upper
94	100		
65	31.2	7.9	47.9
66	40.2	16.2	56.2



#11
bis(2-Chloroethyl)ether
Concen: 32.92 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.2	58.6	98.6
95	32.7	11.8	51.8

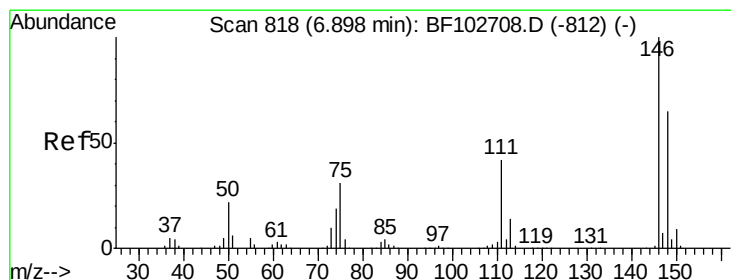
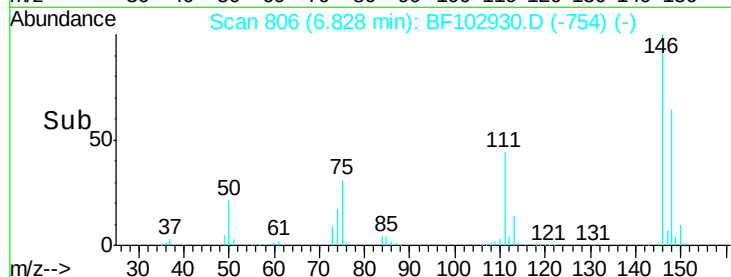
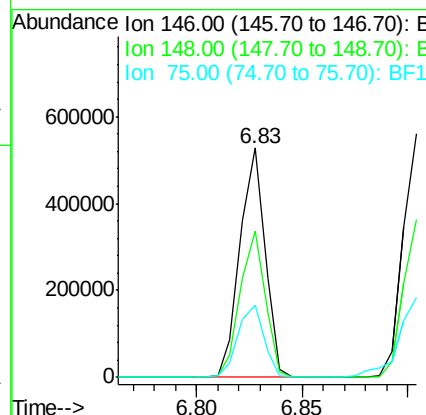
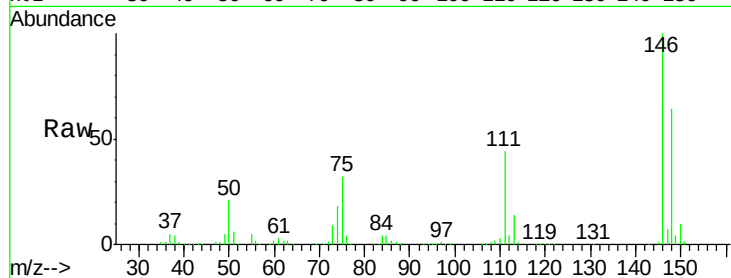




#12
 1,3-Dichlorobenzene
 Concen: 30.95 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

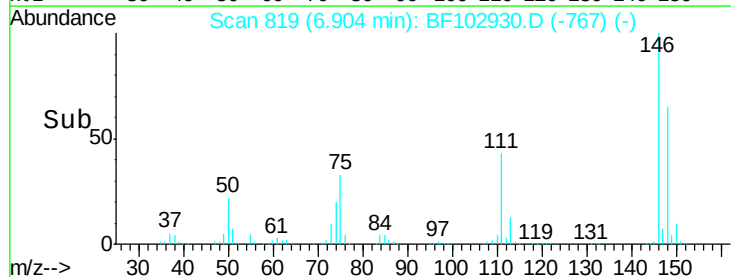
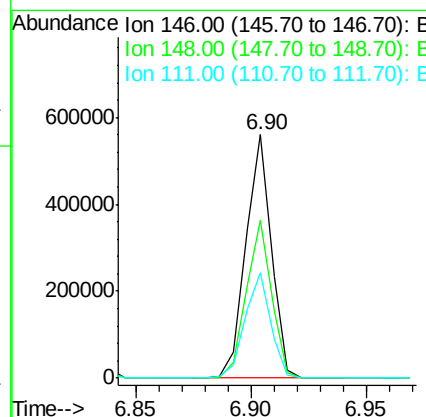
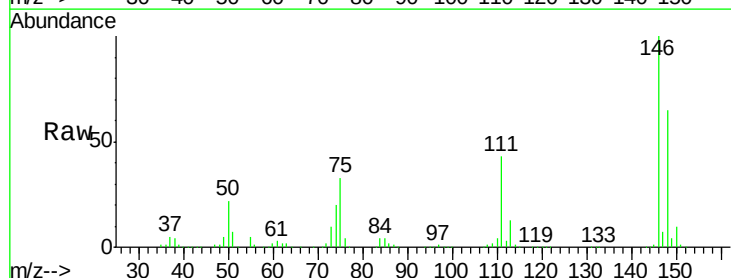
Instrument :
 BNA_F
 ClientSampleId :

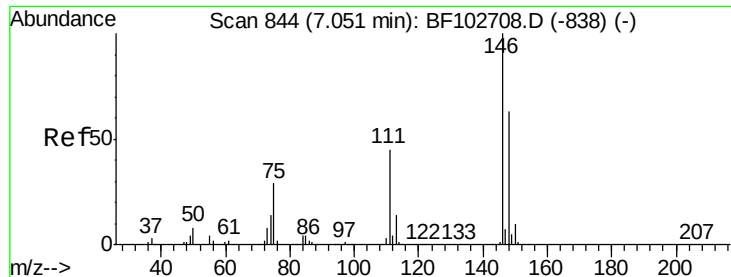
Tot Ion:146 Resp: 432813
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.8
 75 31.7 24.2 36.4



#13
 1,4-Dichlorobenzene
 Concen: 31.01 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion:146 Resp: 431918
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.8 76.2
 111 43.4 34.2 51.2

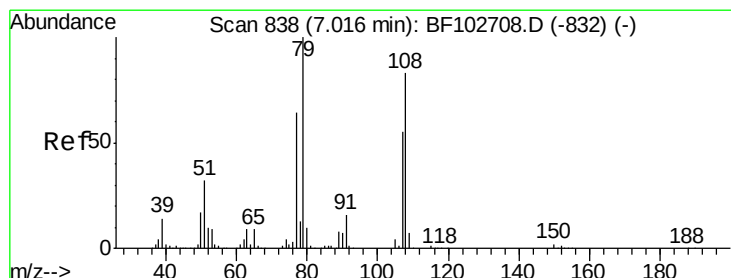
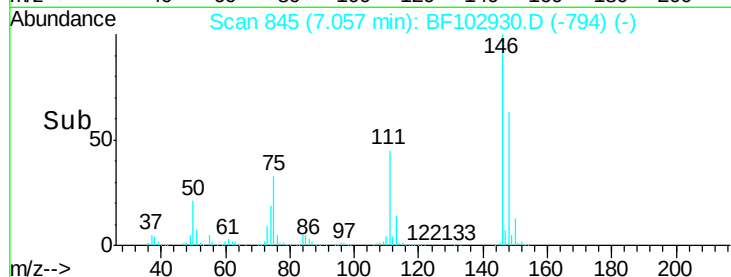
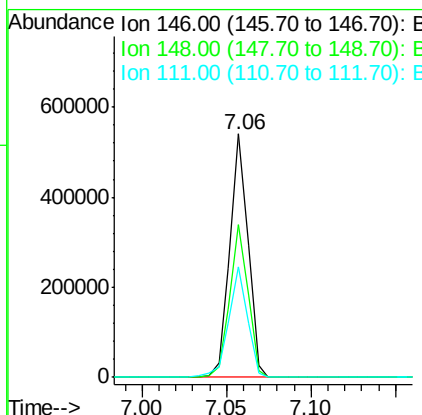
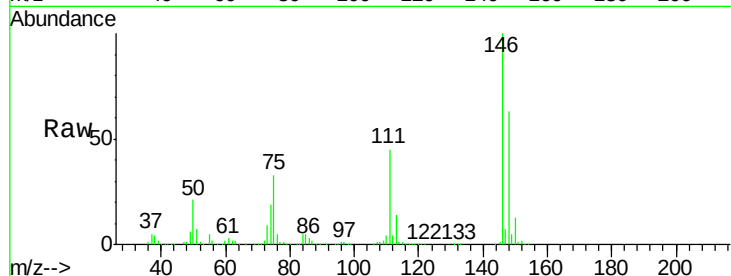




#14
 1,2-Dichlorobenzene
 Concen: 31.12 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

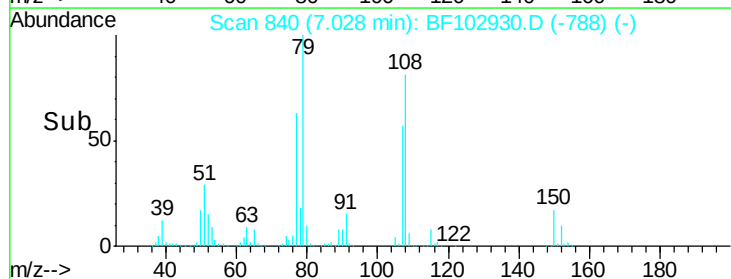
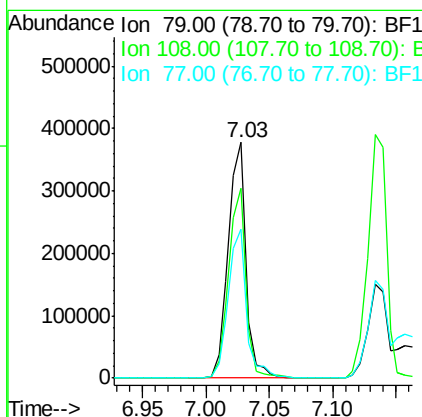
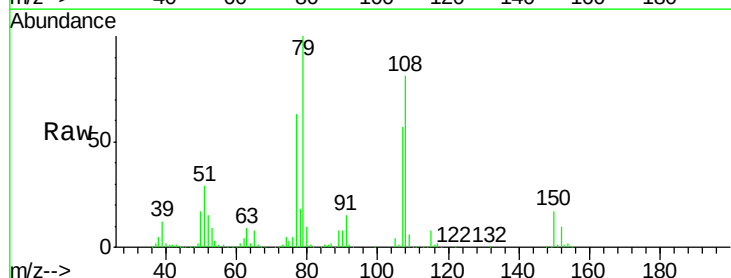
Instrument :
 BNA_F
 ClientSampleId :

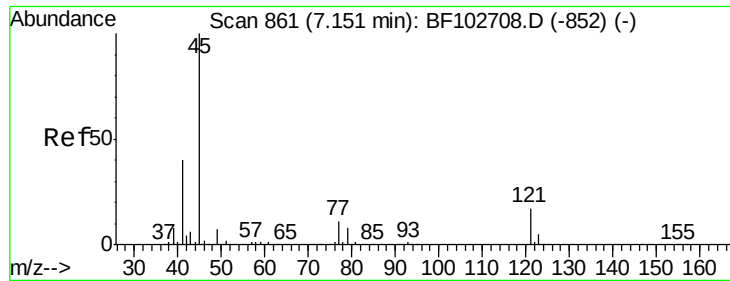
Tot Ion:146 Resp: 403713
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 45.3 36.0 54.0



#15
 Benzyl Alcohol
 Concen: 33.89 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion: 79 Resp: 367991
 Ion Ratio Lower Upper
 79 100
 108 80.6 65.1 97.7
 77 63.0 50.6 75.8

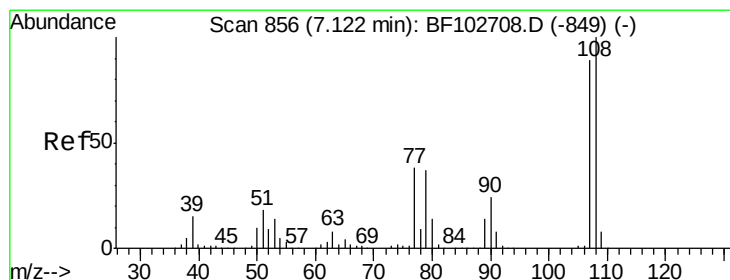
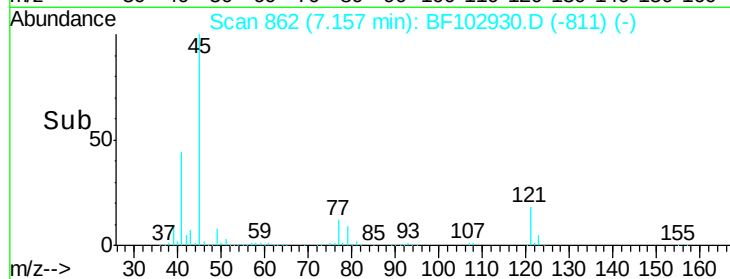
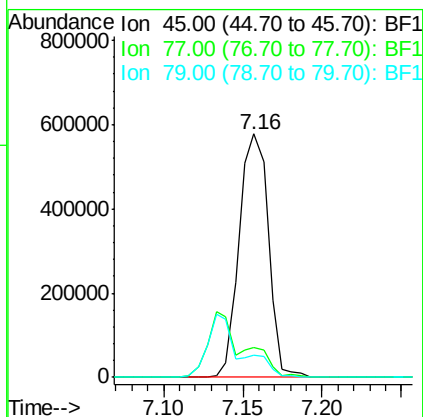
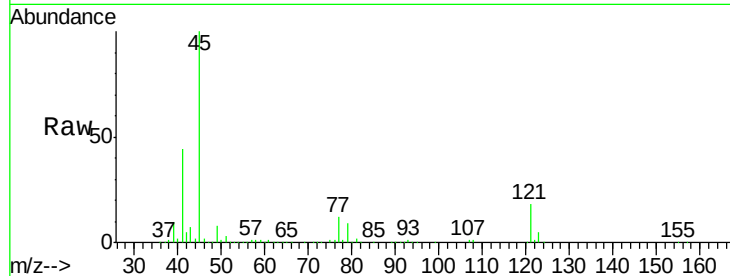




#16
2,2'-oxybis(1-chloropropane)
Concen: 30.75 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

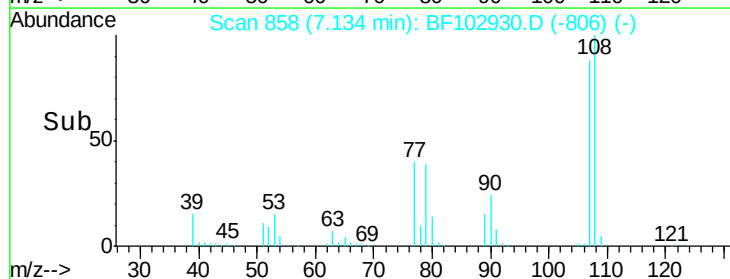
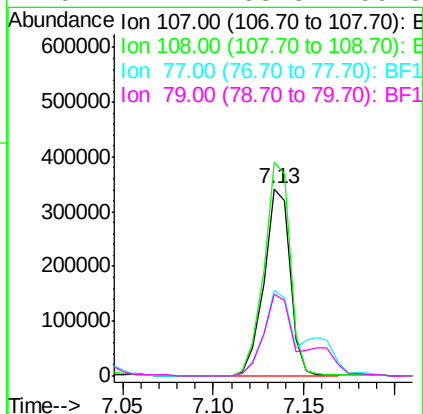
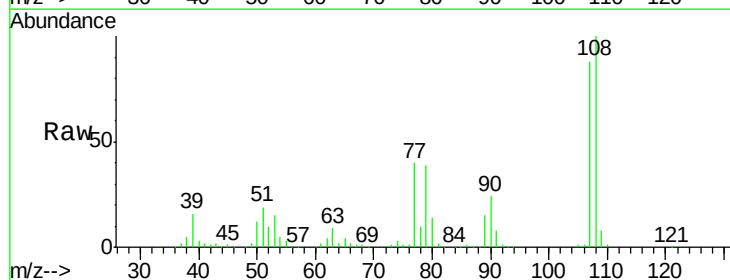
Instrument :
BNA_F
ClientSampleId :

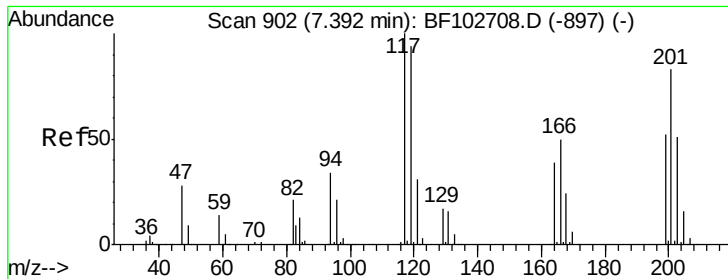
Tot Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	32.9
79	9.1	0.0	29.6



#17
2-Methylphenol
Concen: 30.70 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.7	137.5
77	45.5	33.8	50.8
79	44.1	33.8	50.8





#18

Hexachloroethane

Concen: 29.62 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

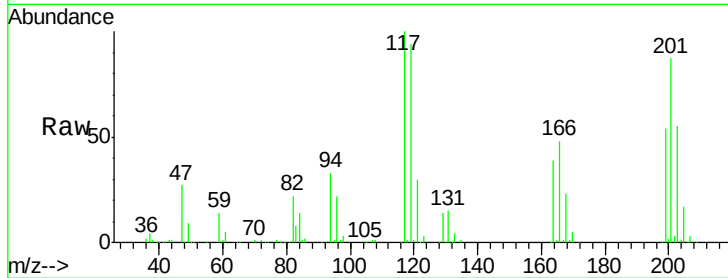
Tot Ion:117 Resp: 141462

Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.8

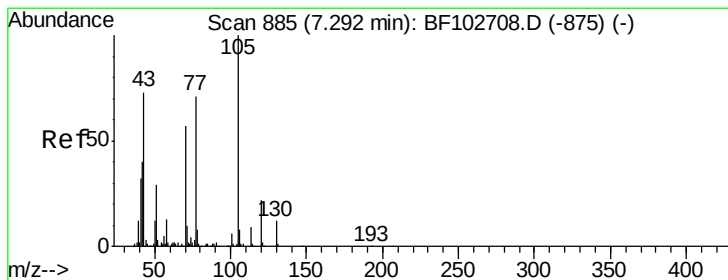
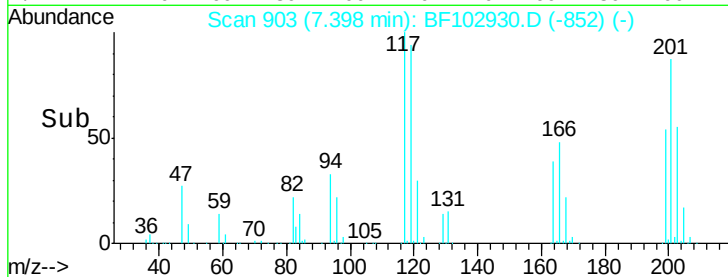
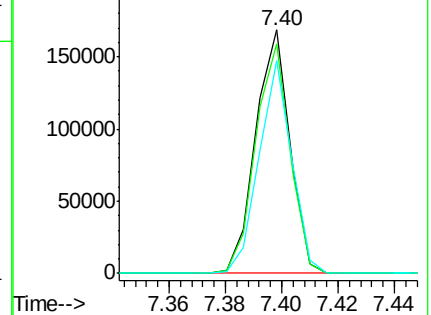
201 87.4 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 30.62 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion: 70 Resp: 285137

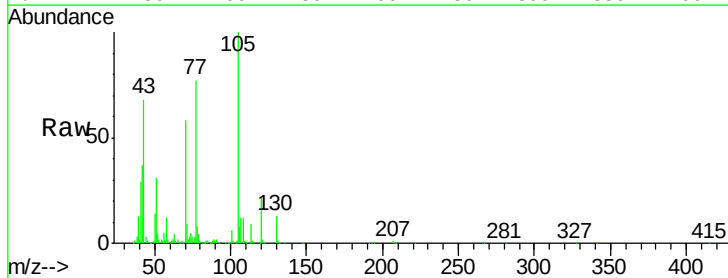
Ion Ratio Lower Upper

70 100

42 63.5 47.5 71.3

101 9.9 7.4 11.2

130 21.6 16.6 25.0

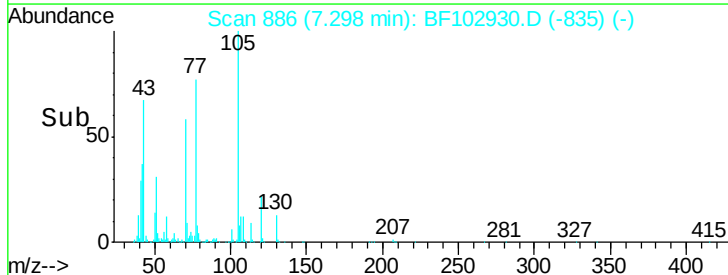
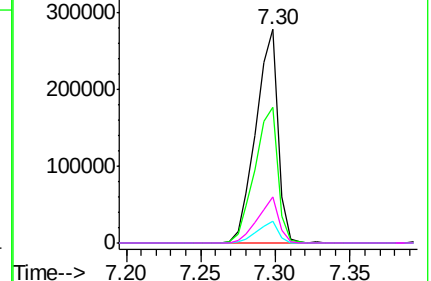


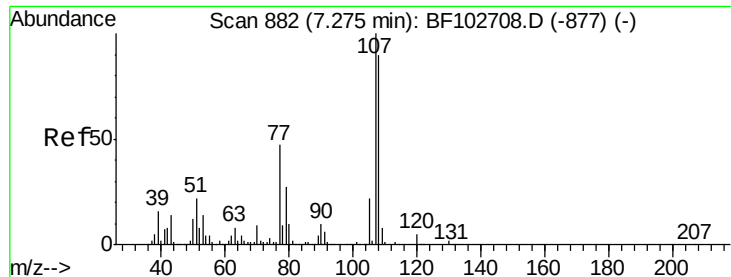
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#20

3+4-Methylphenols

Concen: 29.35 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 403179

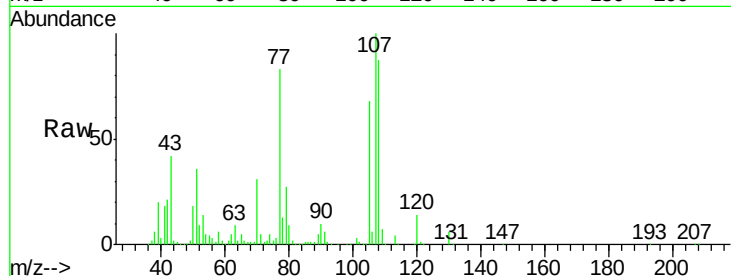
Ion Ratio Lower Upper

107 100

108 87.4 68.2 108.2

77 83.4 26.7 66.7#

79 26.8 6.3 46.3

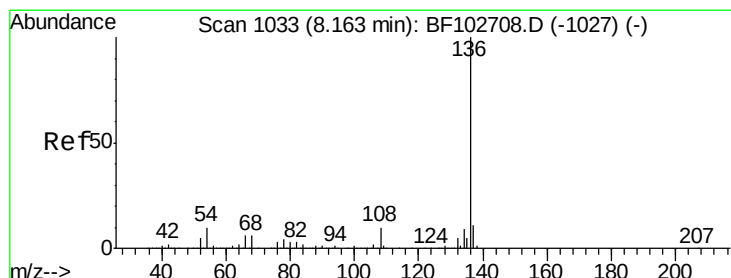
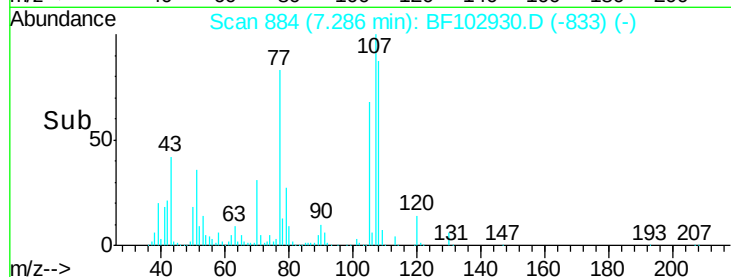
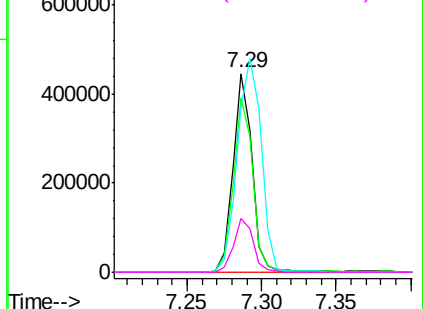


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:136 Resp: 723936

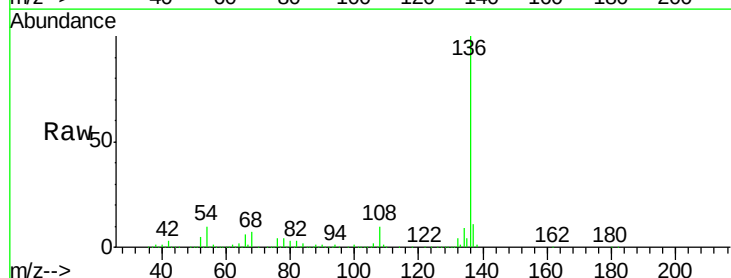
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 6.9 5.0 7.4

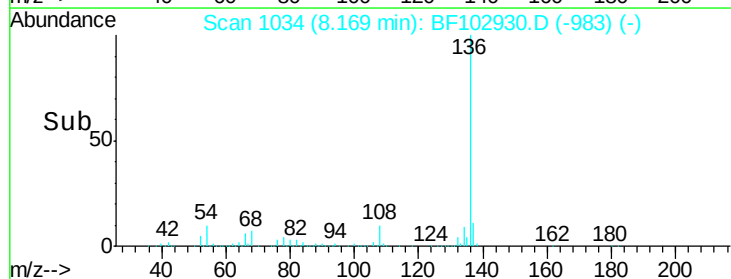
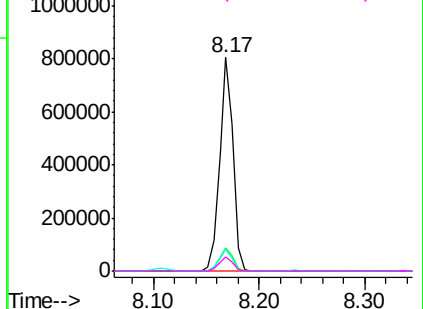


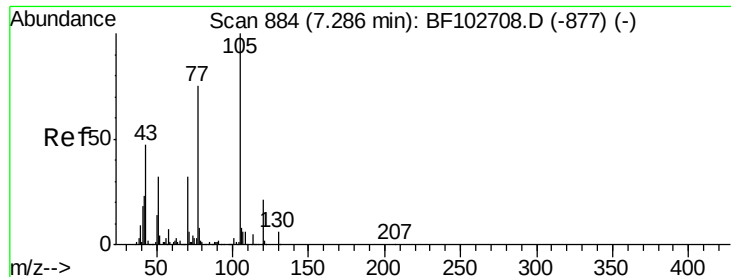
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 31.18 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102930.D

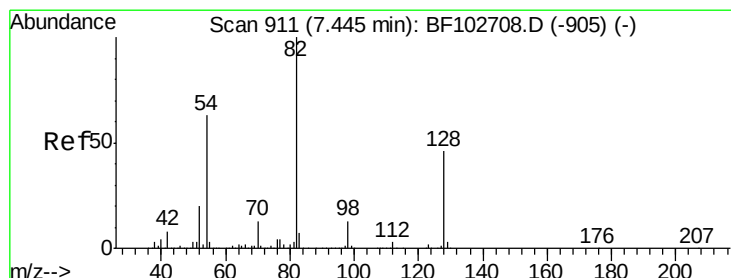
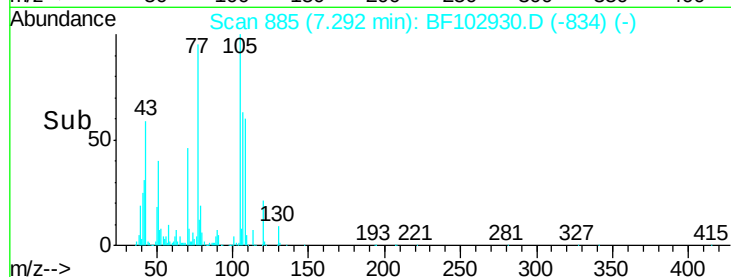
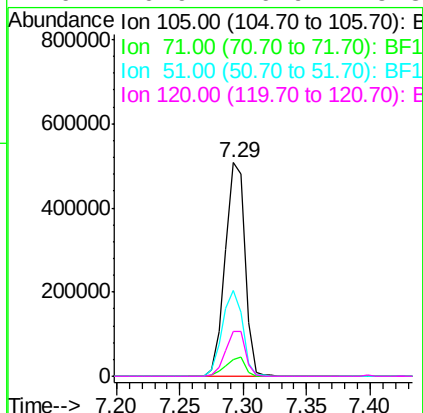
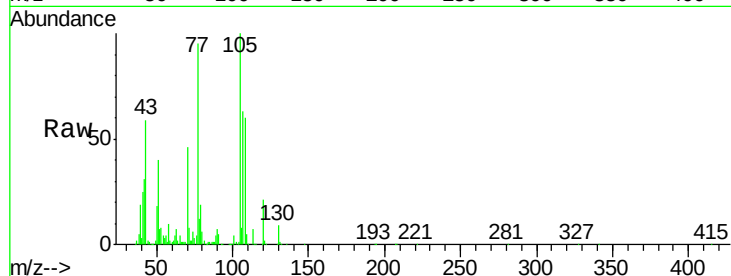
Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	552283
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	40.0	22.3	33.5#
120	20.9	16.9	25.3



#23

Nitrobenzene-d5

Concen: 81.06 ng

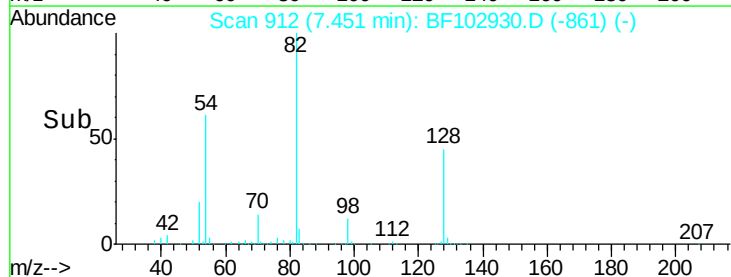
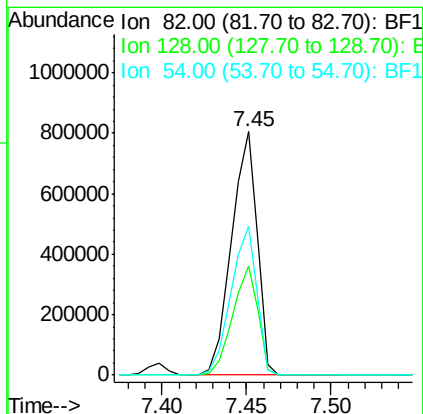
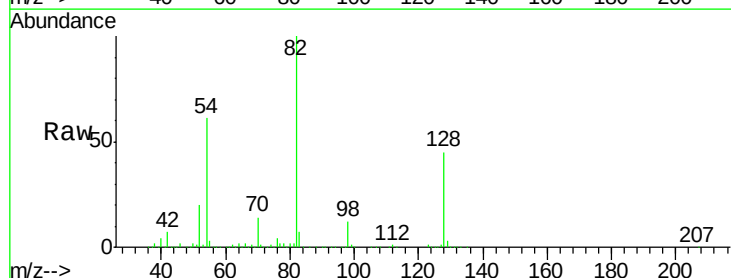
RT: 7.45 min Scan# 912

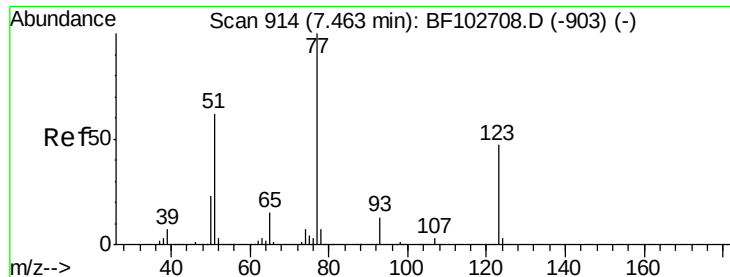
Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:	82	Resp:	845910
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	61.4	41.4	62.2





#24

Nitrobenzene

Concen: 36.80 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

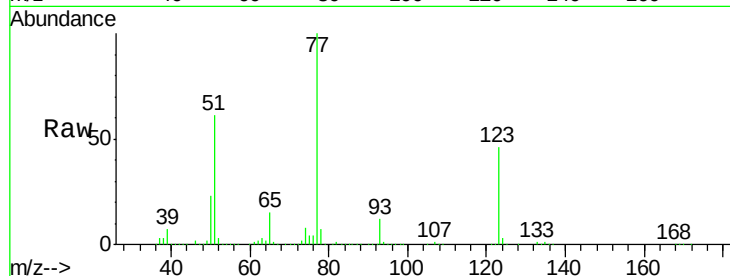
Tot Ion: 77 Resp: 451843

Ion Ratio Lower Upper

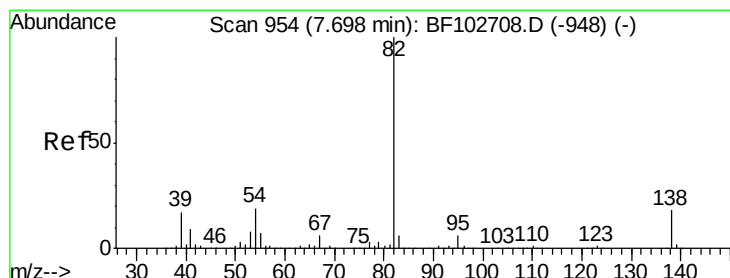
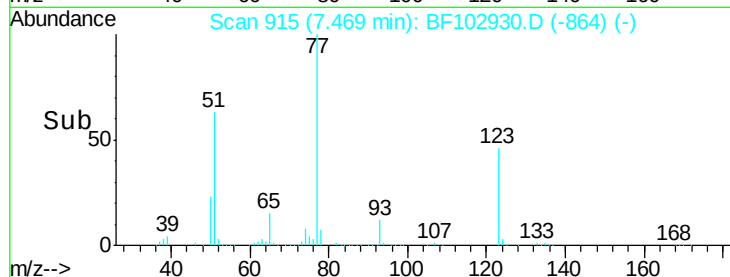
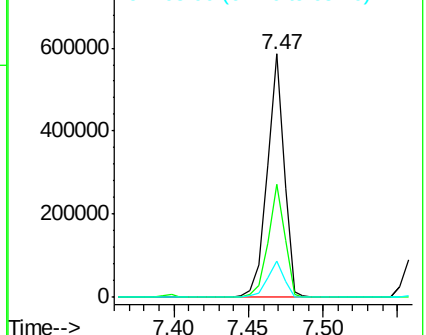
77 100

123 46.3 37.9 56.9

65 14.8 11.0 16.4



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



#25

Isophorone

Concen: 34.04 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

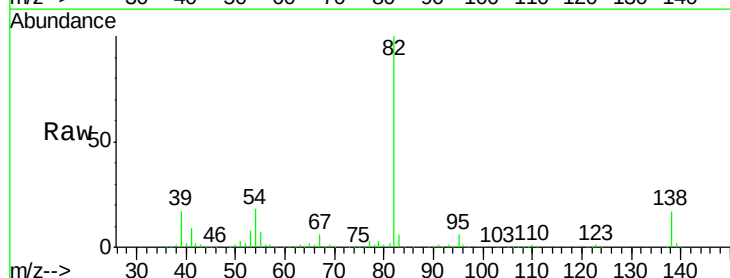
Tgt Ion: 82 Resp: 817873

Ion Ratio Lower Upper

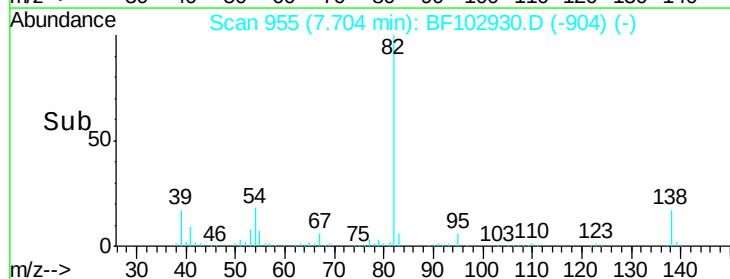
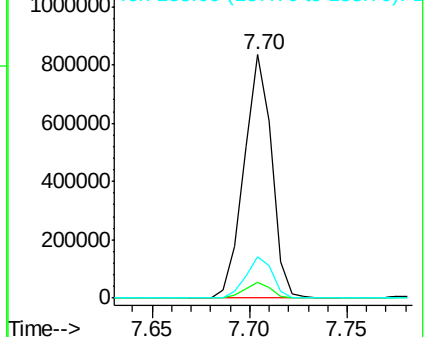
82 100

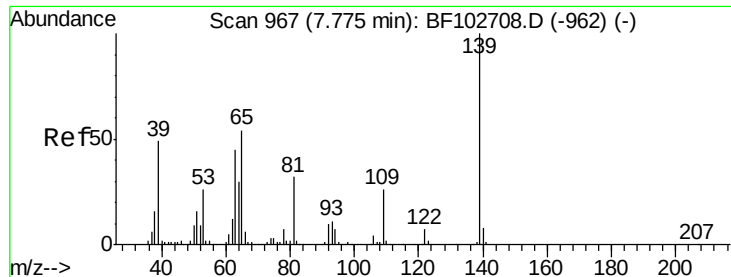
95 6.5 5.2 7.8

138 16.8 14.9 22.3



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

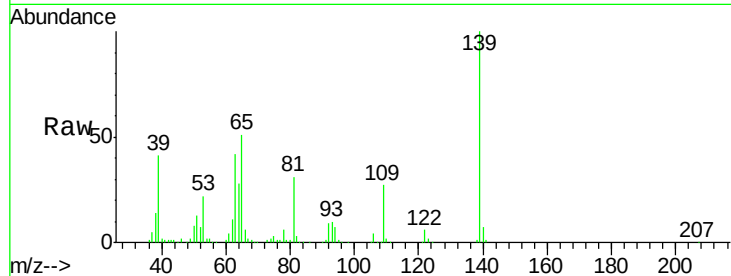




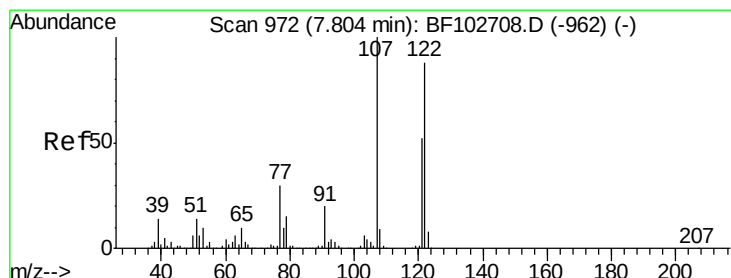
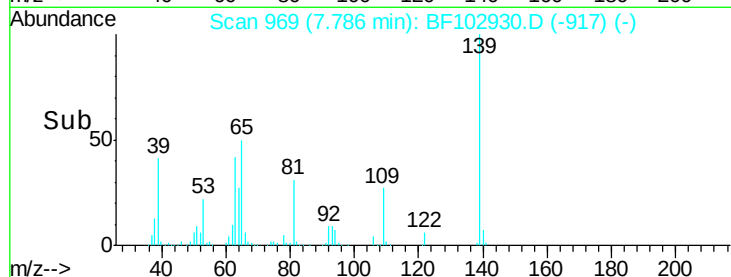
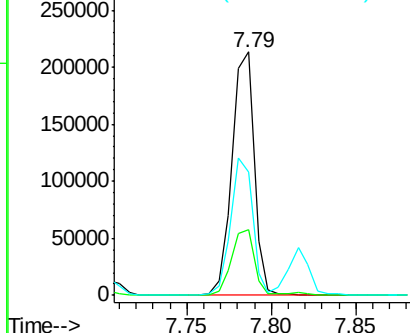
#26
2-Nitrophenol
Concen: 40.38 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.2	22.7	34.1
65	50.9	40.5	60.7

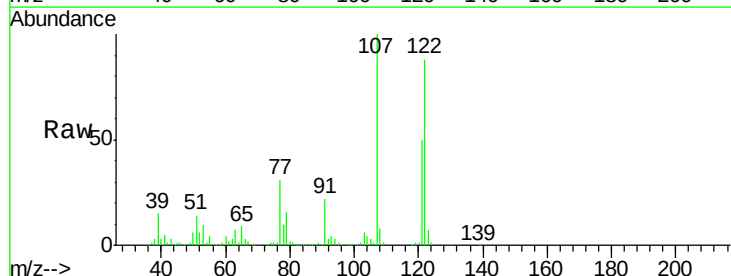


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

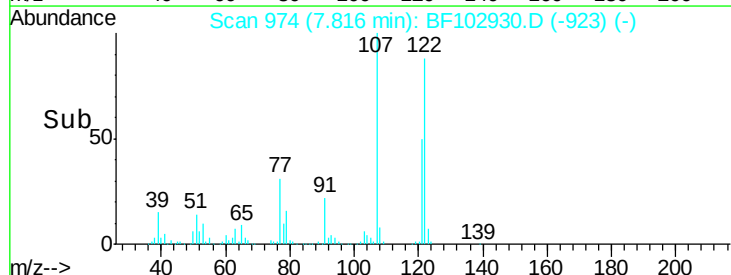
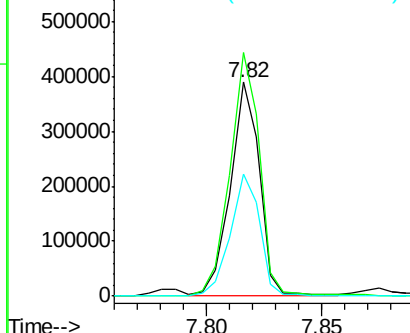


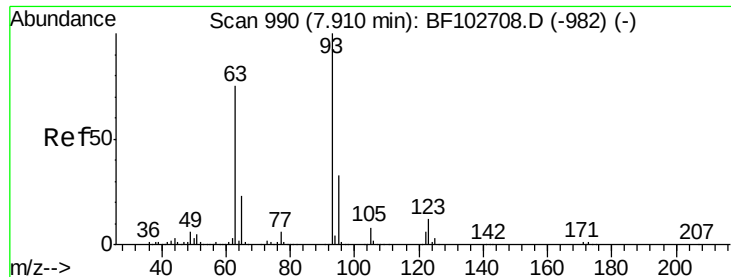
#27
2,4-Dimethylphenol
Concen: 33.95 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.2	136.8
121	56.8	47.2	70.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

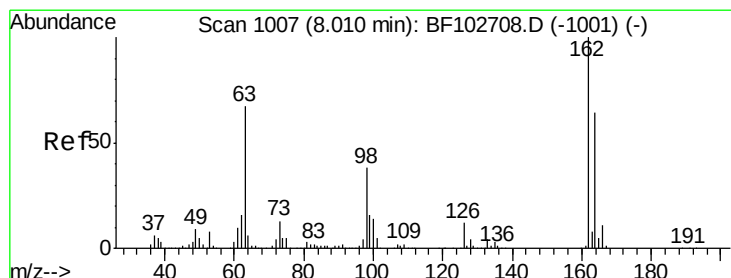
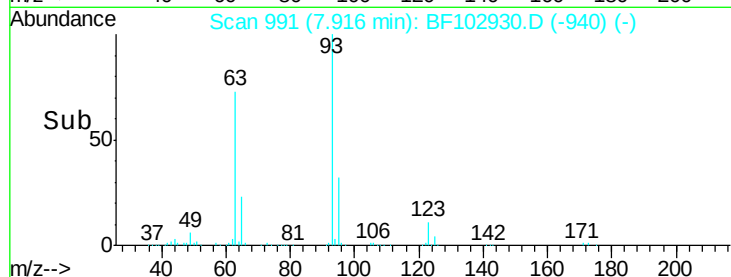
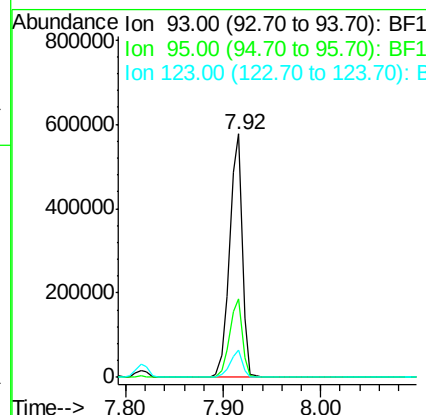
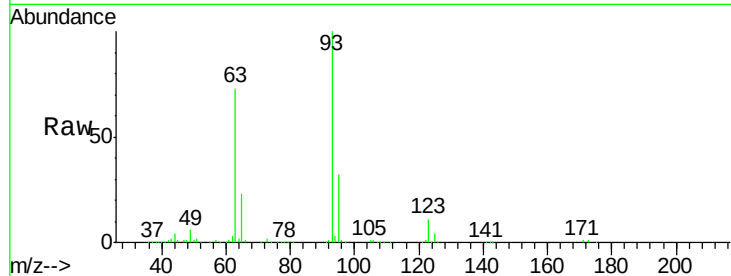




#28
bis(2-Chloroethoxy)methane
Concen: 36.85 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

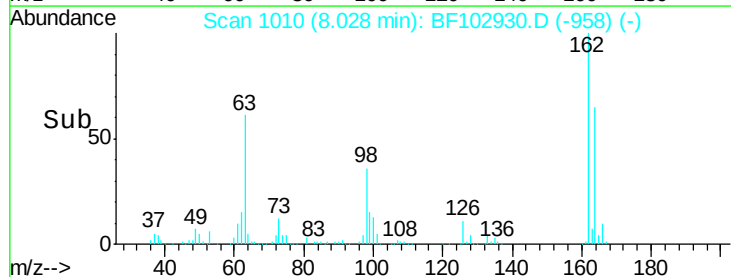
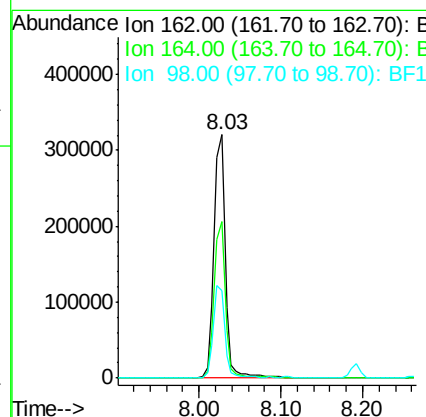
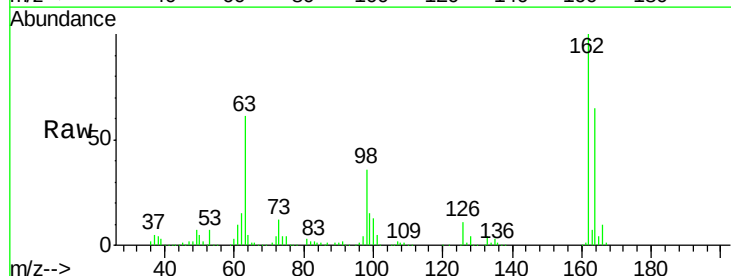
Instrument :
BNA_F
ClientSampleId :

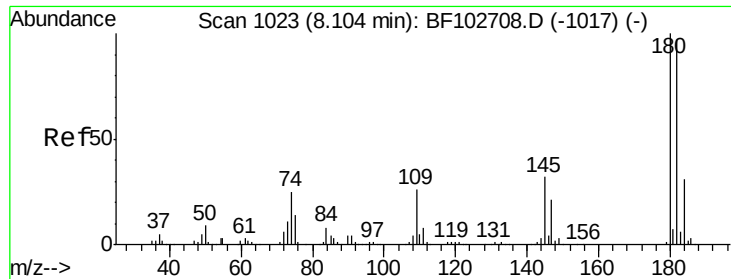
Tot Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.4	9.8	14.6



#29
2,4-Dichlorophenol
Concen: 33.60 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	36.1	18.1	58.1

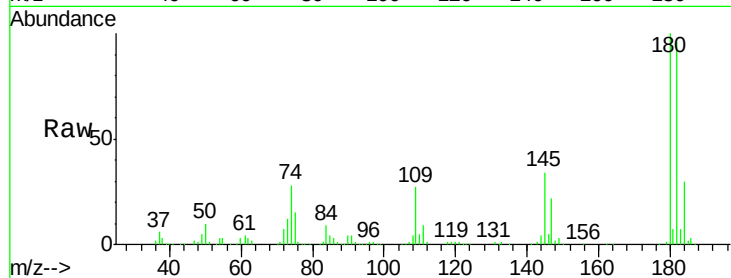




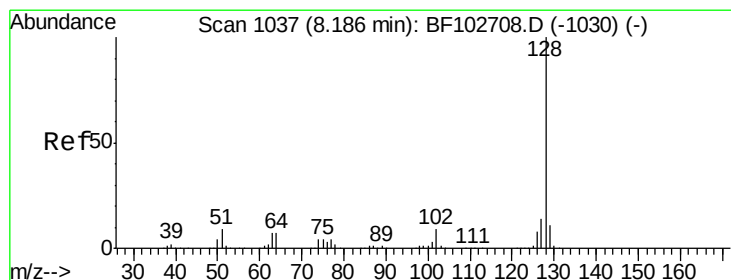
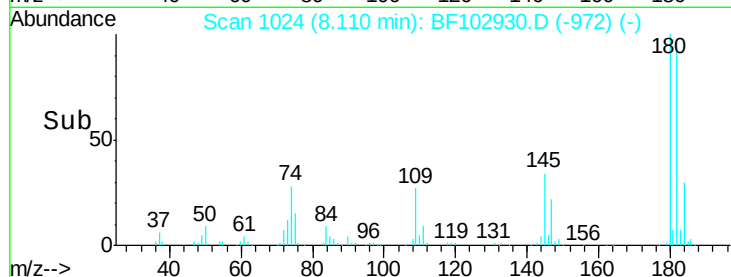
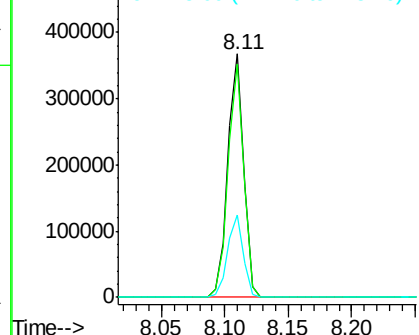
#30
 1,2,4-Trichlorobenzene
 Concen: 30.81 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	33.6	26.5	39.7

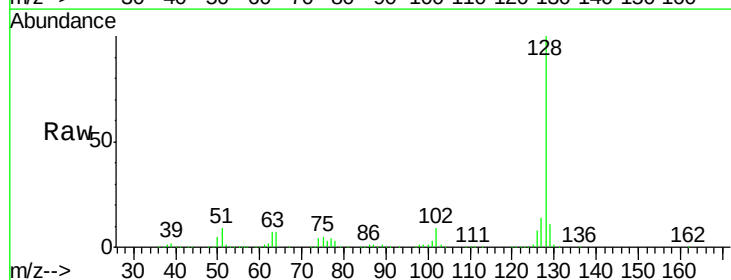


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

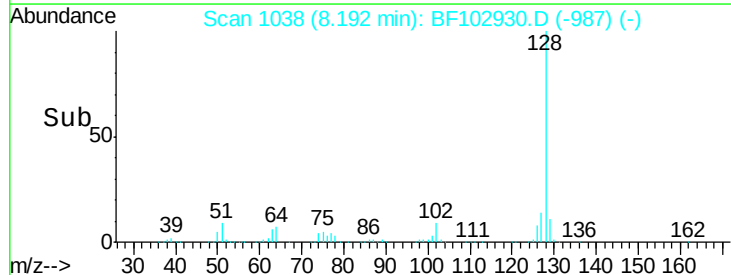
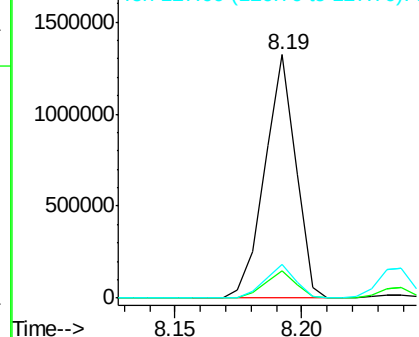


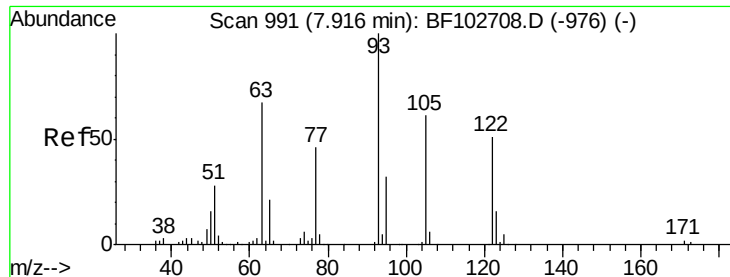
#31
 Naphthalene
 Concen: 31.77 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	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: 12.21 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampled :

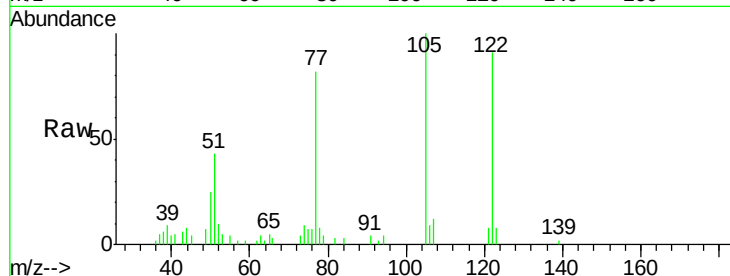
Tot Ion:122 Resp: 27610

Ion Ratio Lower Upper

122 100

105 109.6 101.1 141.1

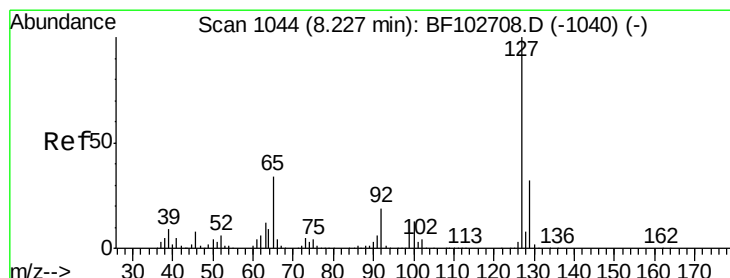
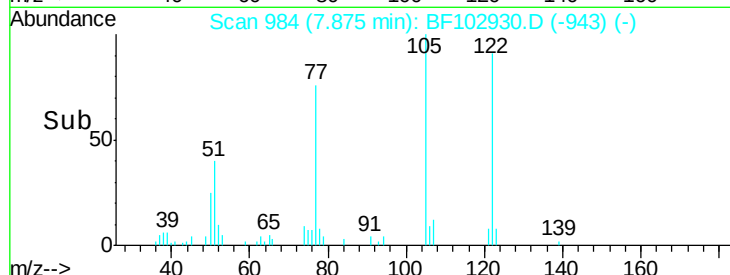
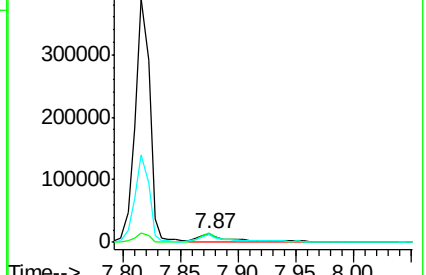
77 89.5 70.7 110.7



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: 10.67 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:127 Resp: 162509

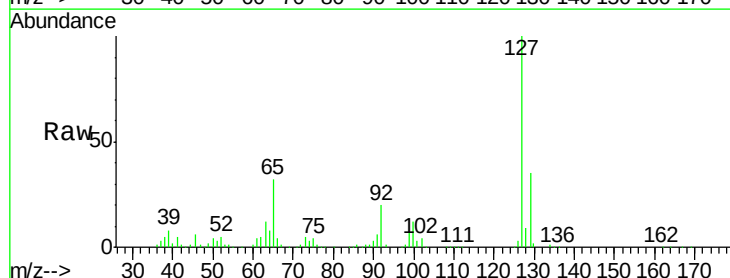
Ion Ratio Lower Upper

127 100

129 34.7 25.9 38.9

65 32.0 25.0 37.4

92 19.6 15.2 22.8

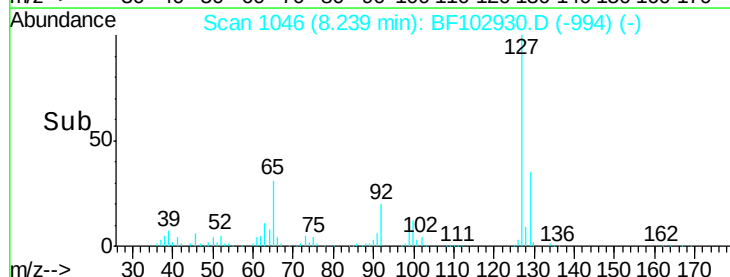
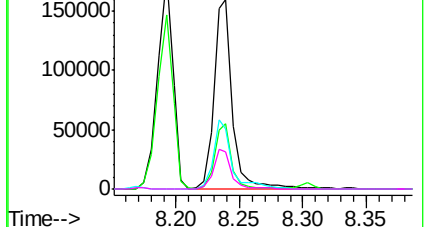


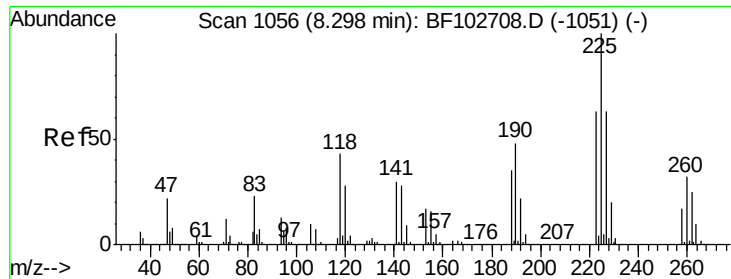
Abundance Ion 127.00 (126.70 to 127.70): E

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

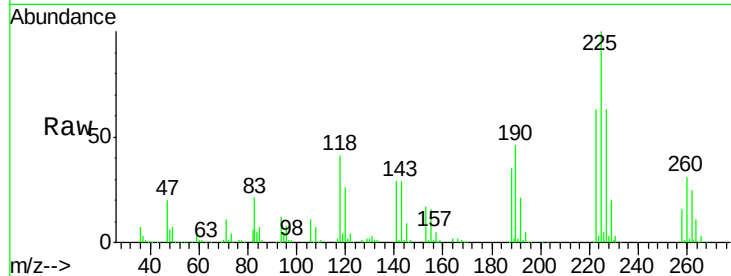




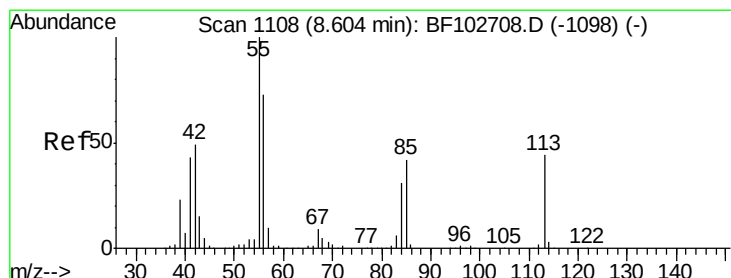
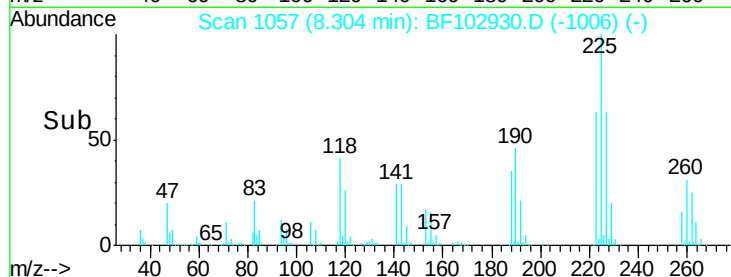
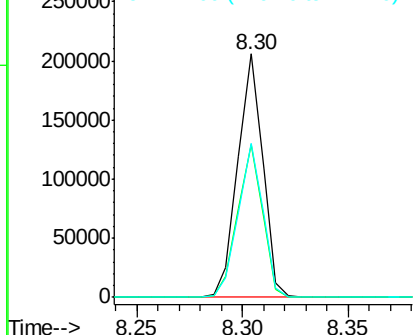
#34
Hexachlorobutadiene
Concen: 31.41 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.1	51.9	77.9

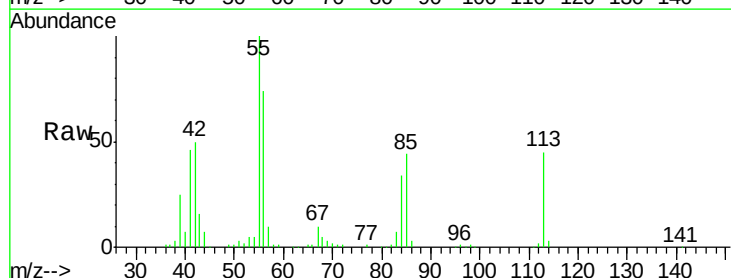


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

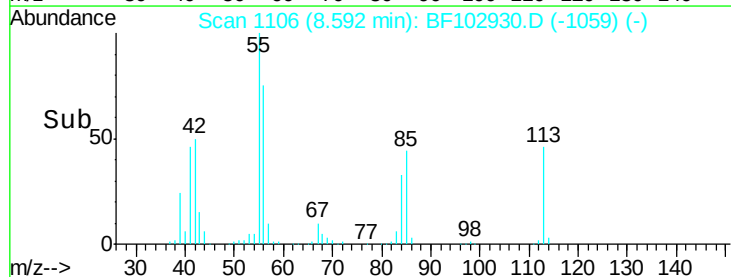
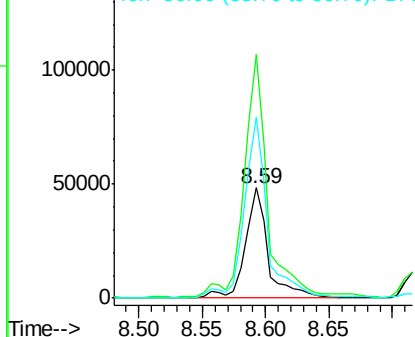


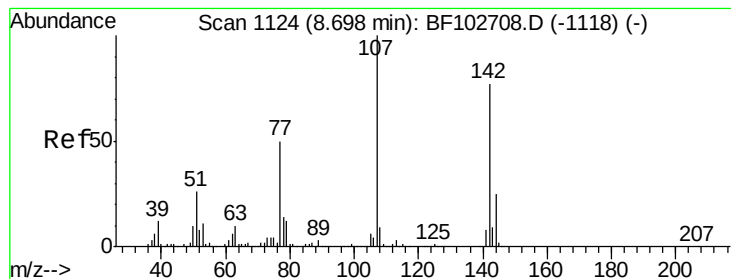
#35
Caprolactam
Concen: 18.87 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
113	100		
55	220.5	163.3	203.3#
56	164.1	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: 32.13 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampled :

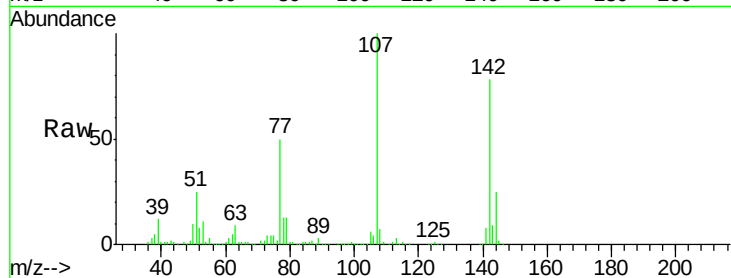
Tot Ion:107 Resp: 333206

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

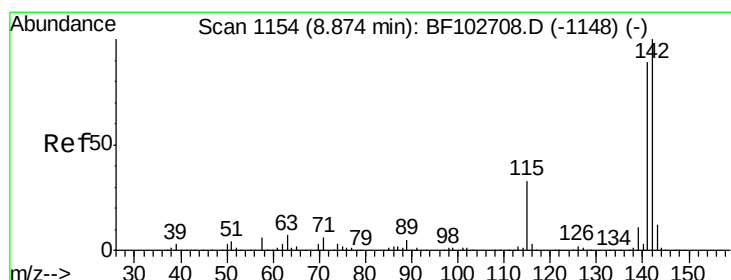
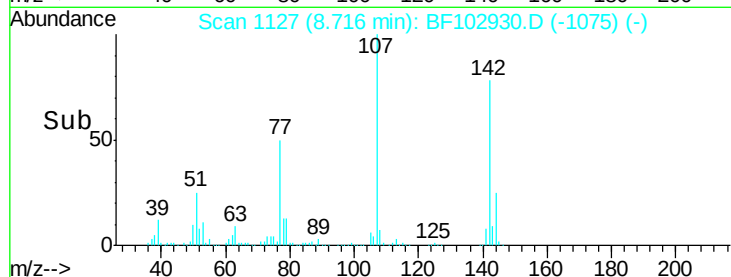
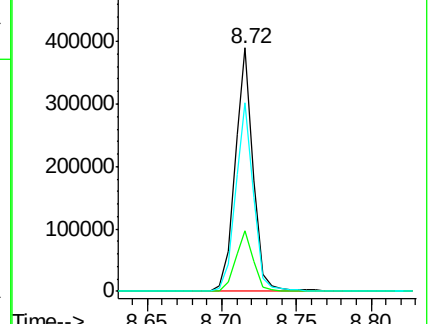
142 77.7 62.0 93.0



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: 31.54 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

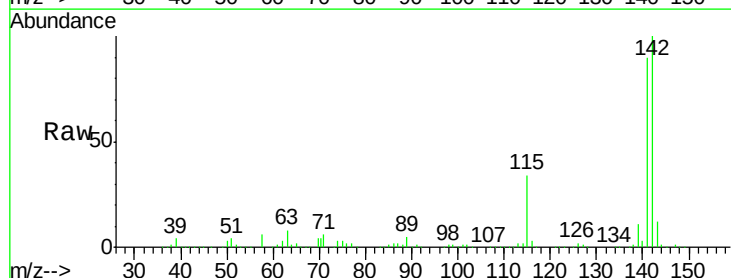
Tgt Ion:142 Resp: 730443

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

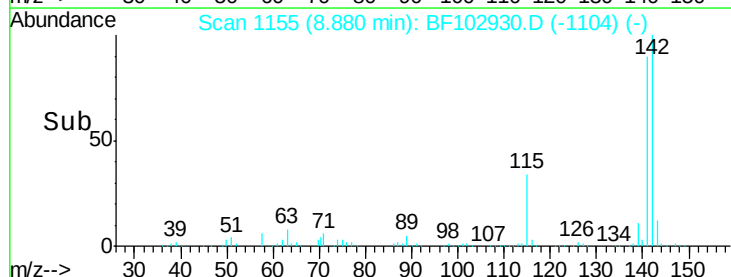
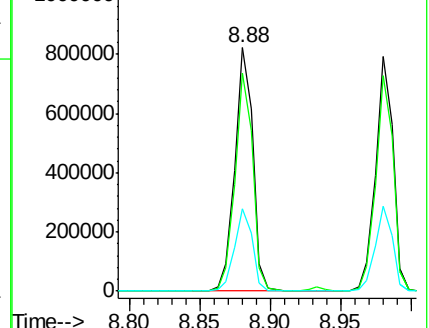
115 33.7 26.1 39.1

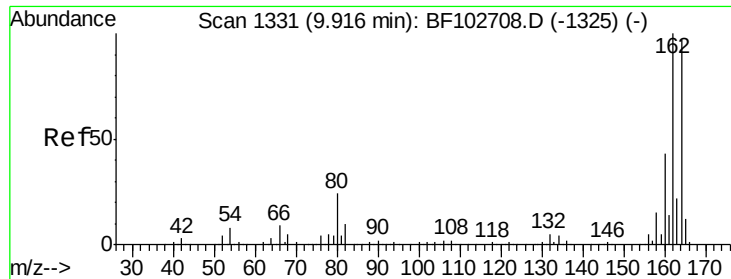


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

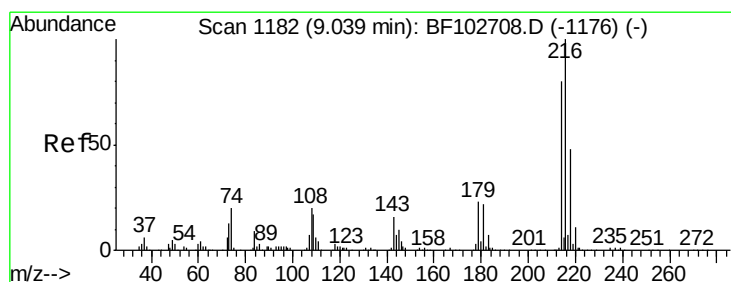
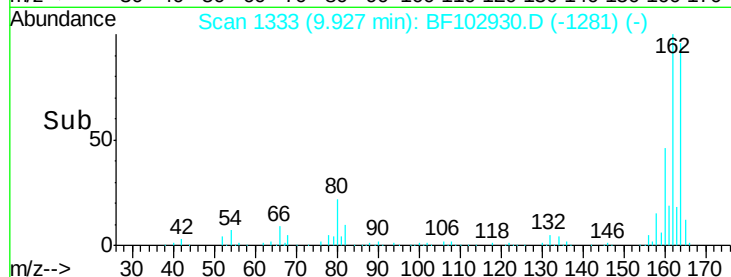
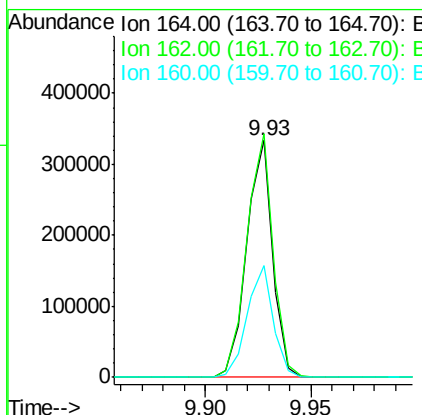
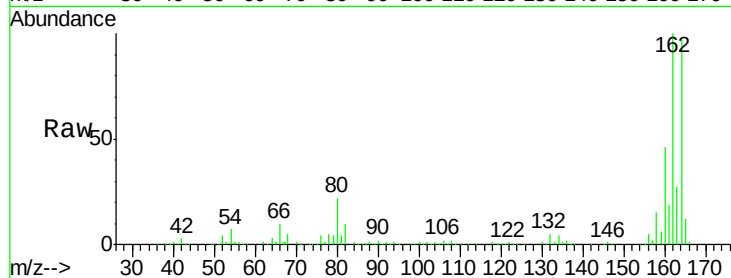




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

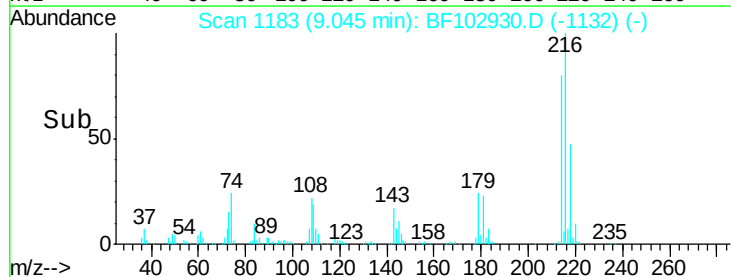
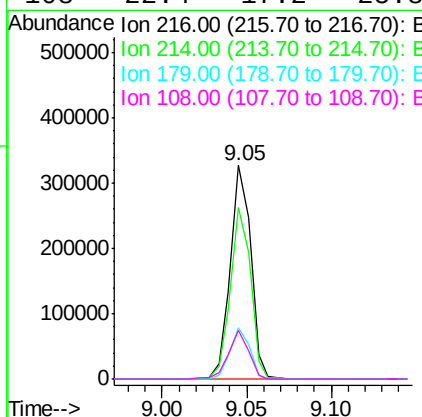
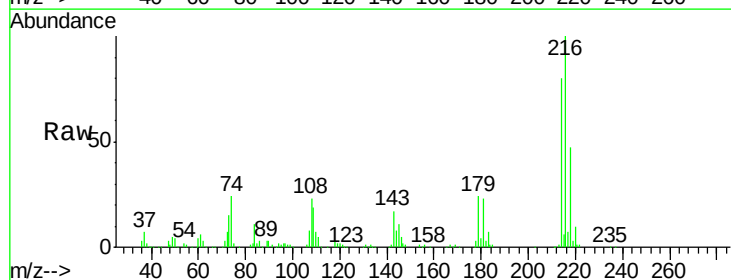
Instrument :
 BNA_F
 ClientSampleId :

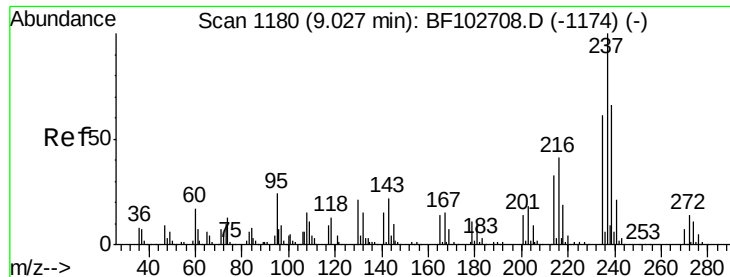
Tot Ion:164 Resp: 282818
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 46.9 38.3 57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.68 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion:216 Resp: 274768
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.0 94.4
 179 23.6 18.1 27.1
 108 22.4 17.2 25.8

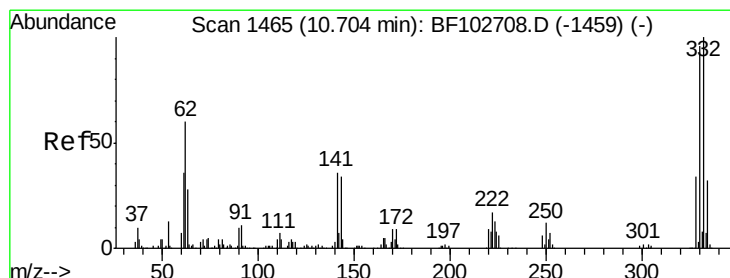
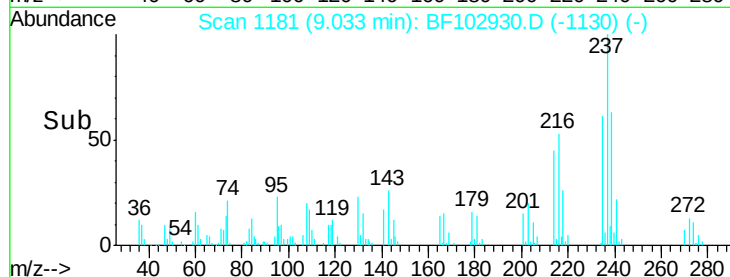
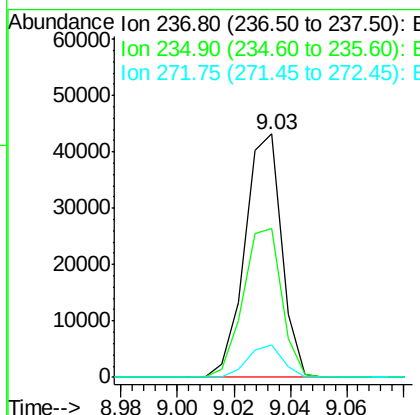
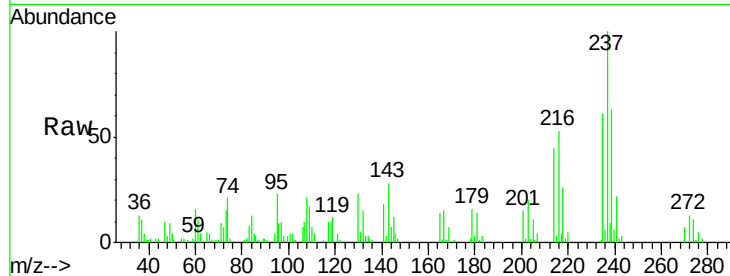




#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

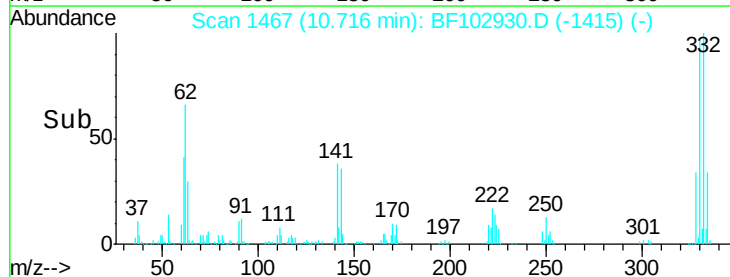
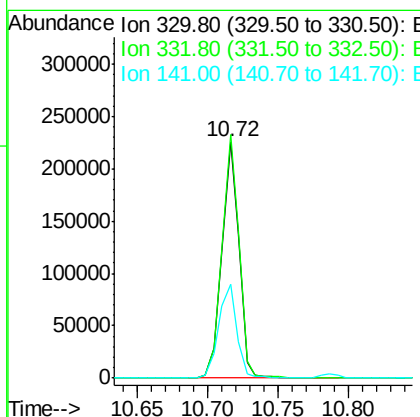
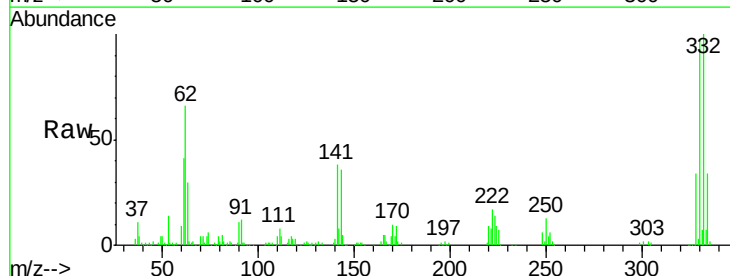
Instrument :
BNA_F
ClientSampleId :

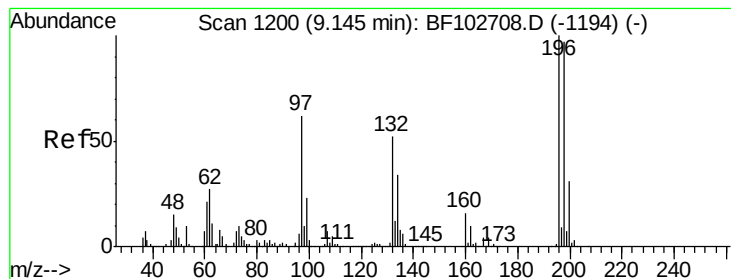
Tot Ion:237 Resp: 39185
Ion Ratio Lower Upper
237 100
235 61.0 44.8 84.8
272 13.2 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 83.84 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion:330 Resp: 190860
Ion Ratio Lower Upper
330 100
332 102.6 77.0 115.6
141 42.0 29.9 44.9





#42

2,4,6-Trichlorophenol

Concen: 34.79 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampled :

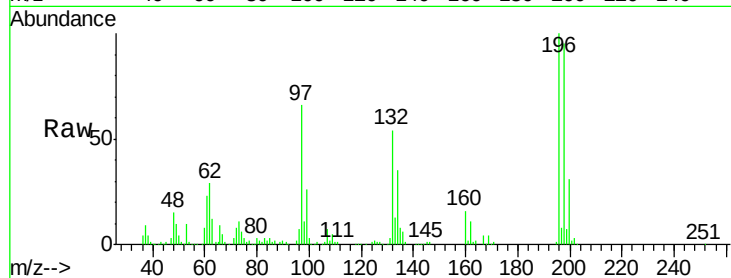
Tot Ion:196 Resp: 175991

Ion Ratio Lower Upper

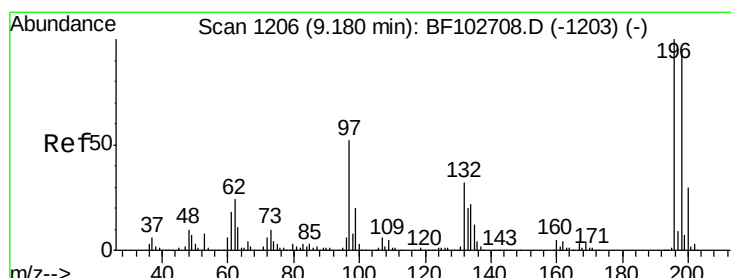
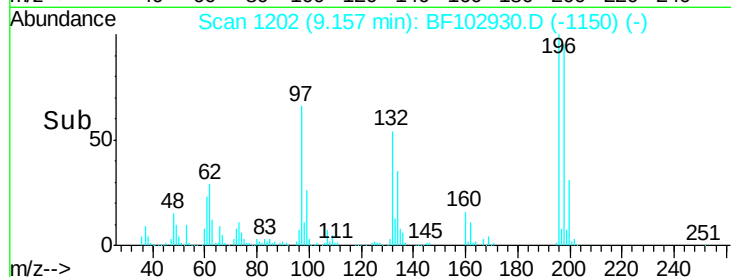
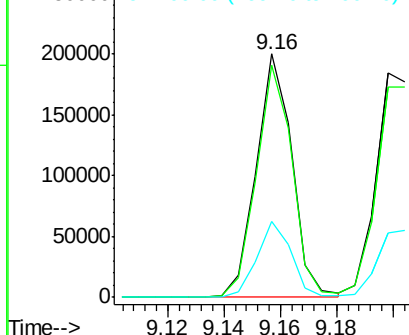
196 100

198 95.2 75.7 113.5

200 31.2 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 31.60 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:196 Resp: 180155

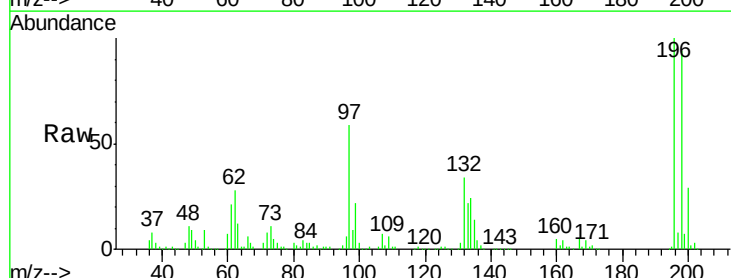
Ion Ratio Lower Upper

196 100

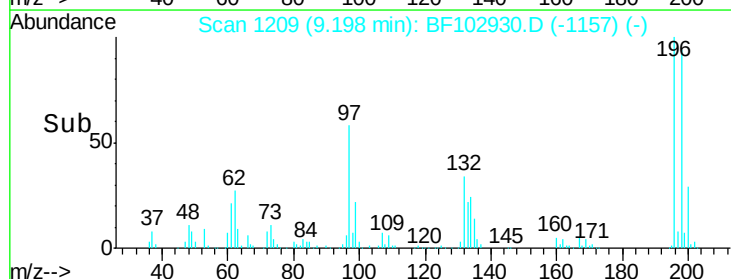
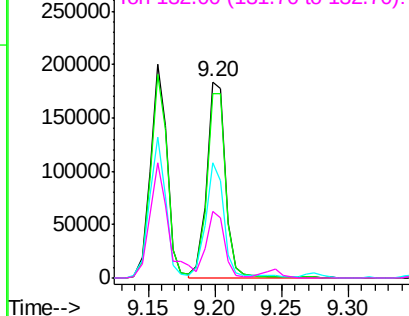
198 94.1 74.6 112.0

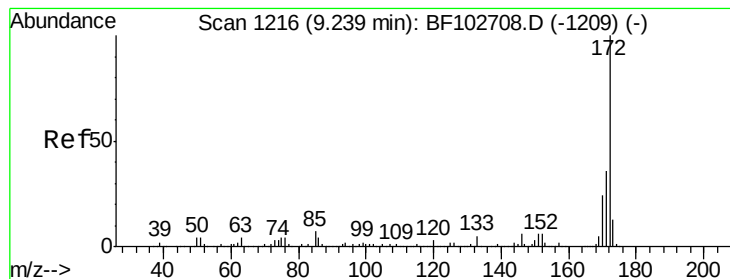
97 58.7 42.9 64.3

132 34.2 26.3 39.5



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





#44

2-Fluorobiphenyl

Concen: 75.56 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

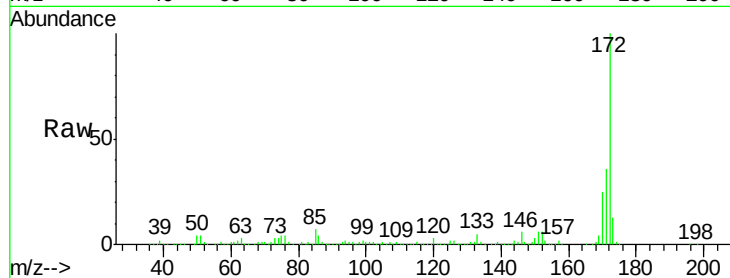
Tot Ion:172 Resp: 1287834

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

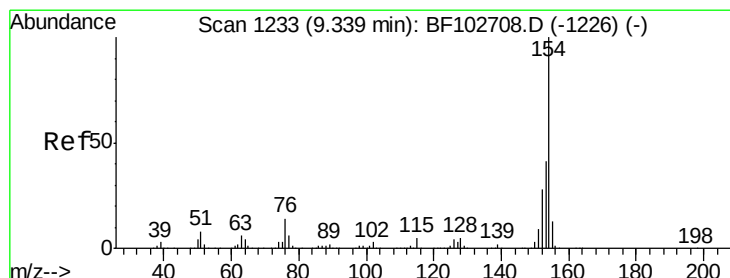
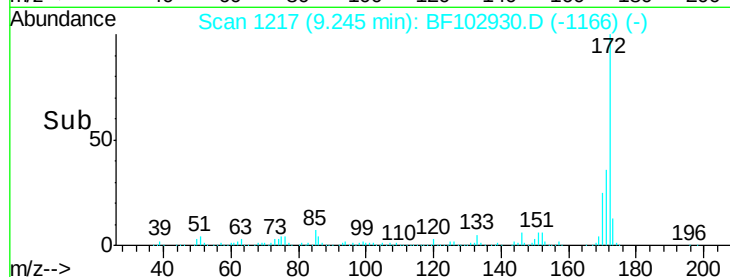
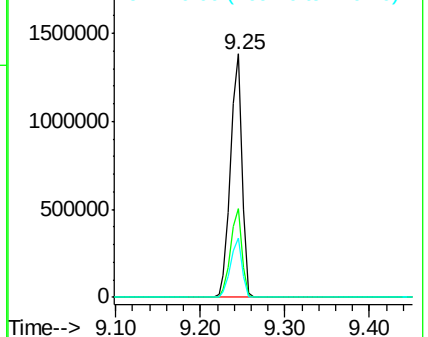
170 24.6 19.6 29.4



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: 34.55 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

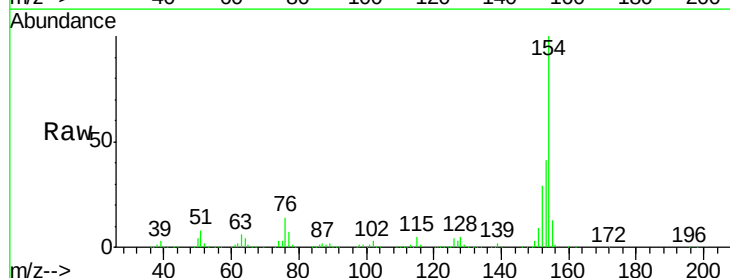
Tgt Ion:154 Resp: 823066

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

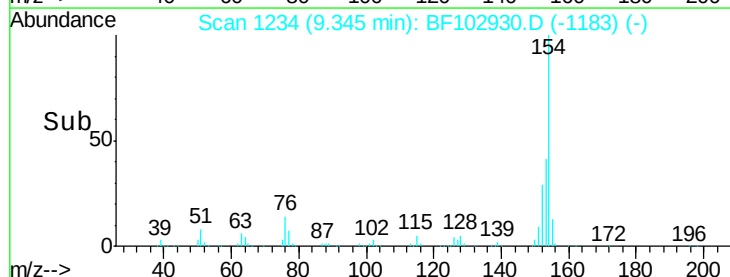
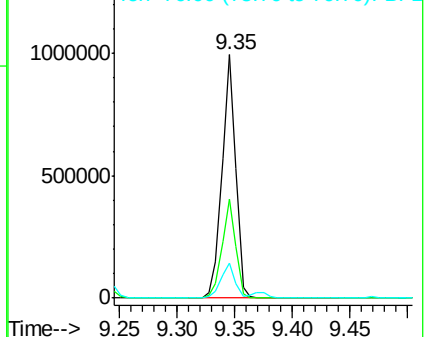
76 14.5 0.0 34.0

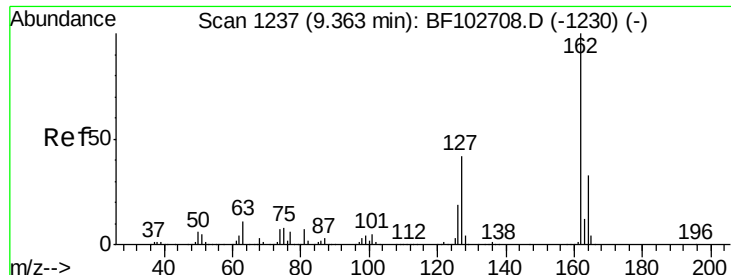


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

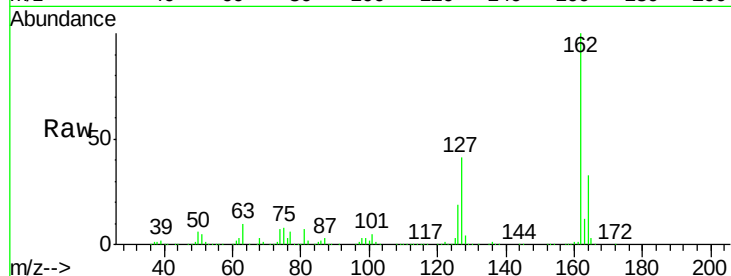




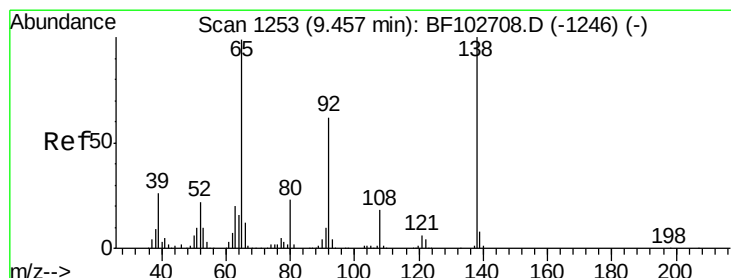
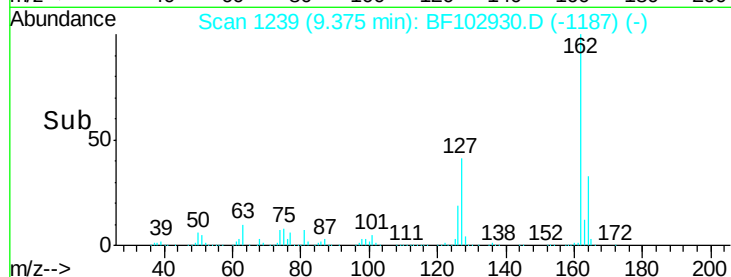
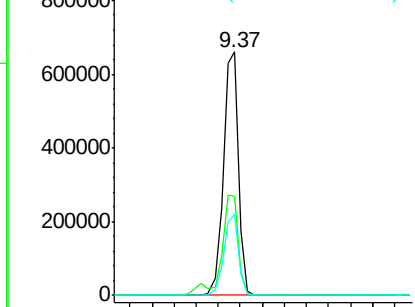
#46
 2-Chloronaphthalene
 Concen: 33.51 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.0	26.5	39.7

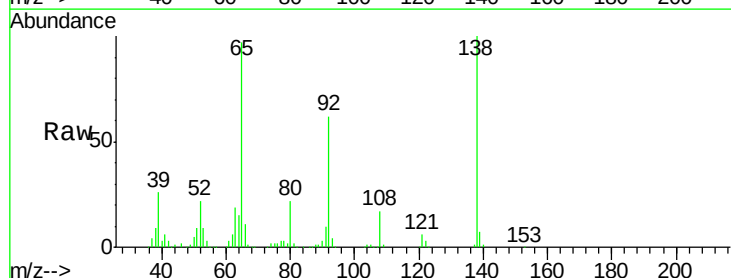


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

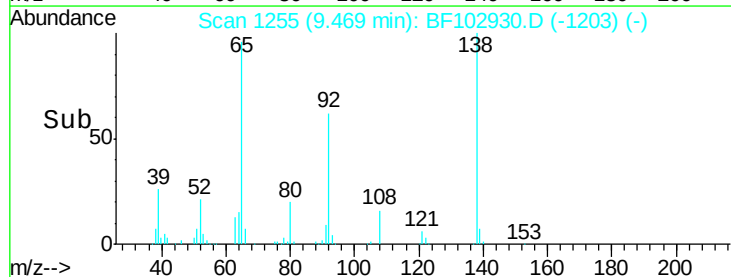
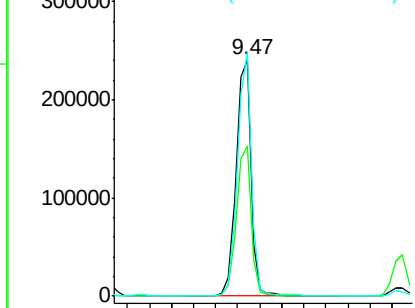


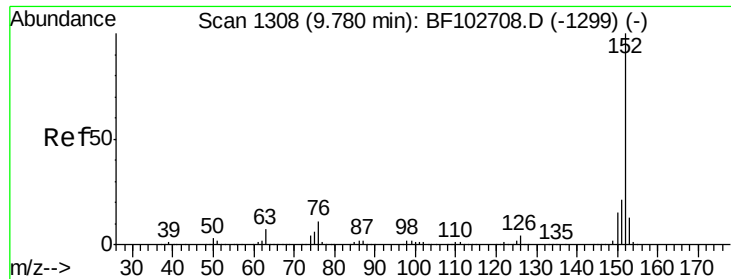
#47
 2-Nitroaniline
 Concen: 40.60 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	55.8	83.6
138	103.1	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): E





#48

Acenaphthylene

Concen: 31.56 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

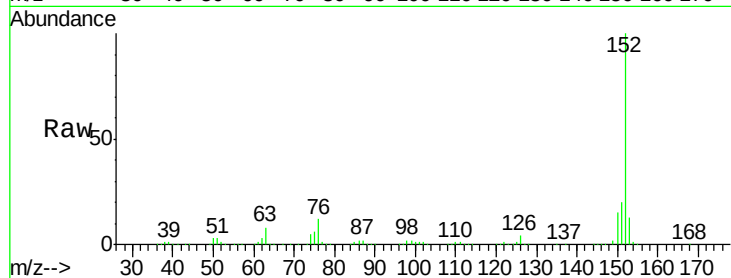
Tot Ion:152 Resp: 919378

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

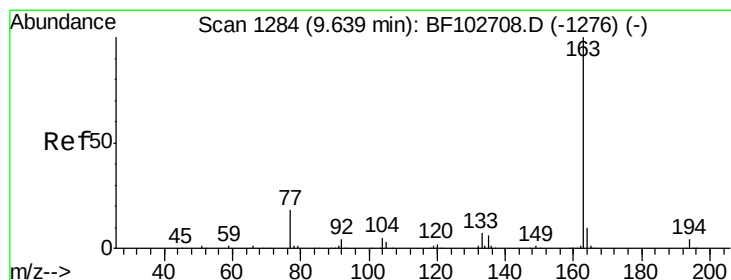
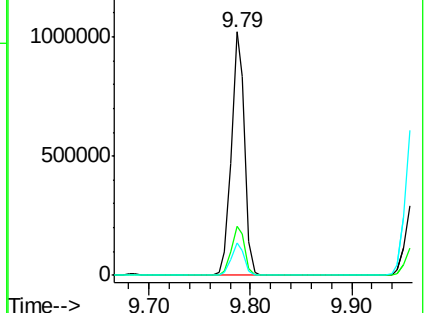
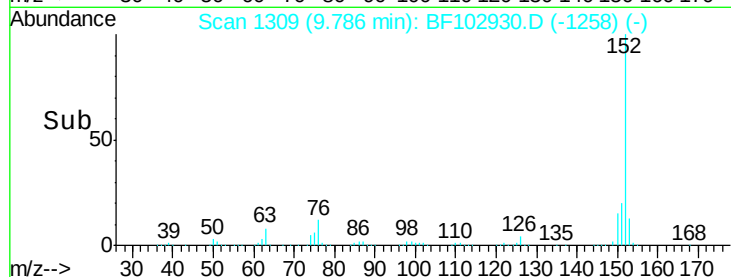
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 37.42 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

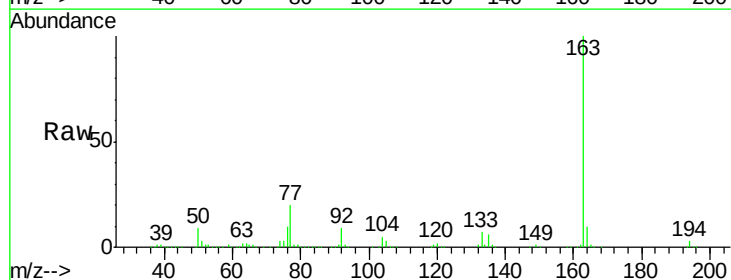
Tgt Ion:163 Resp: 825097

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

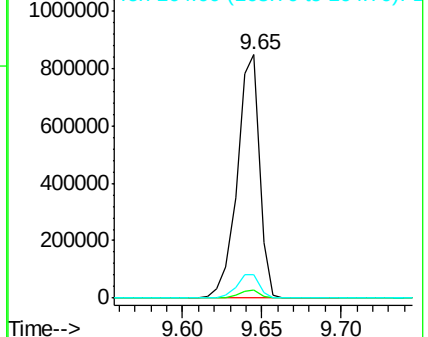
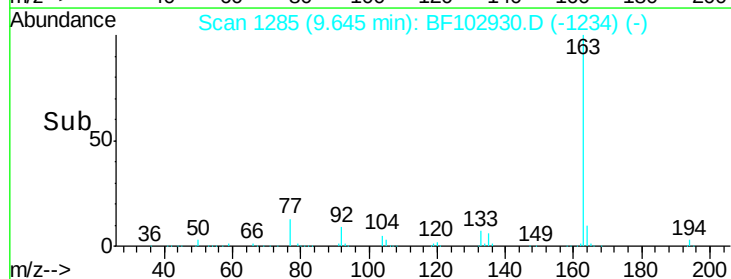
164 9.8 8.2 12.2

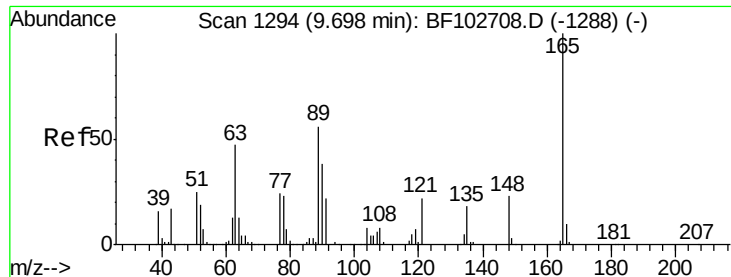


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

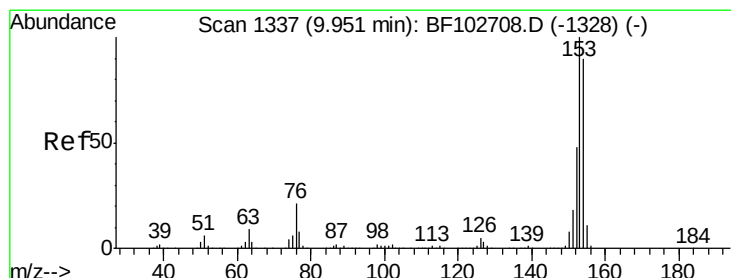
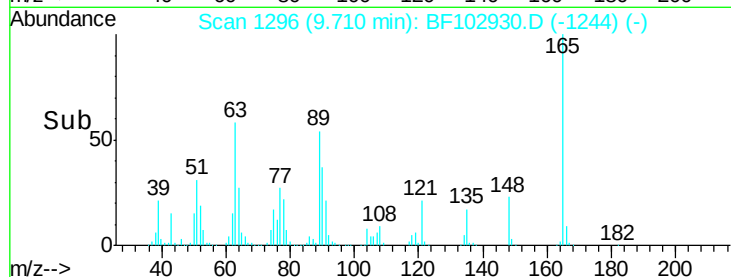
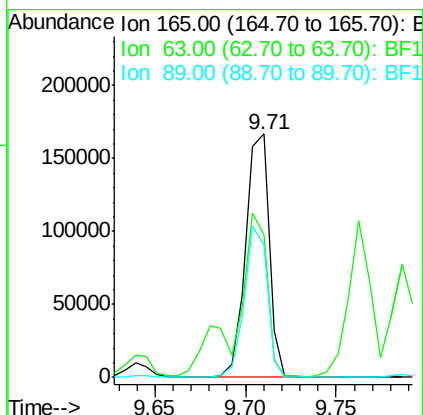
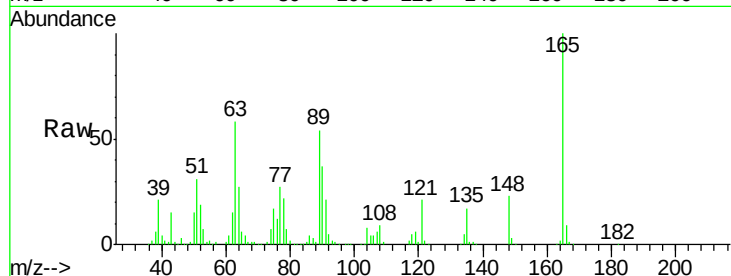




#50
 2,6-Dinitrotoluene
 Concen: 35.99 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

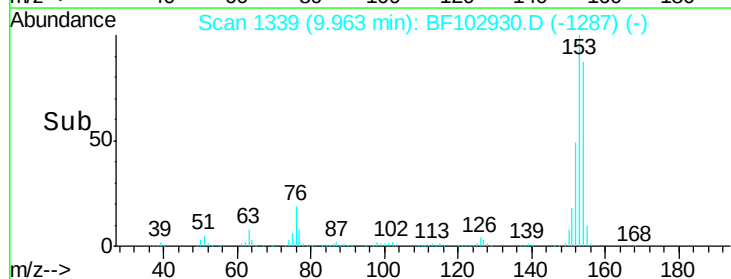
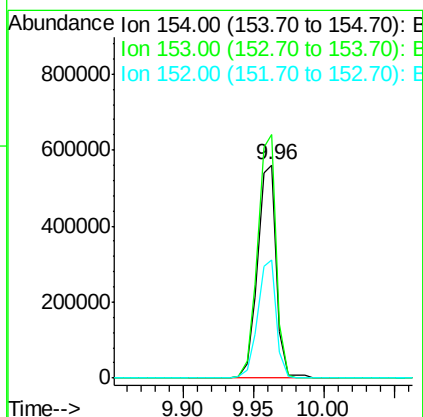
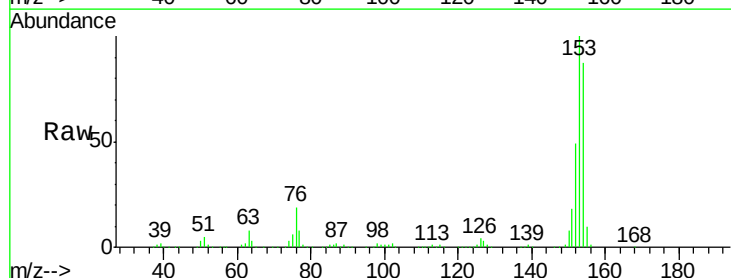
Instrument :
 BNA_F
 ClientSampled :

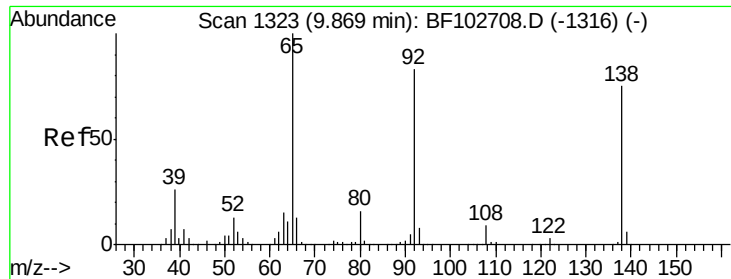
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	44.7	67.1
89	54.2	44.0	66.0



#51
 Acenaphthene
 Concen: 30.60 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	55.8	43.8	65.8

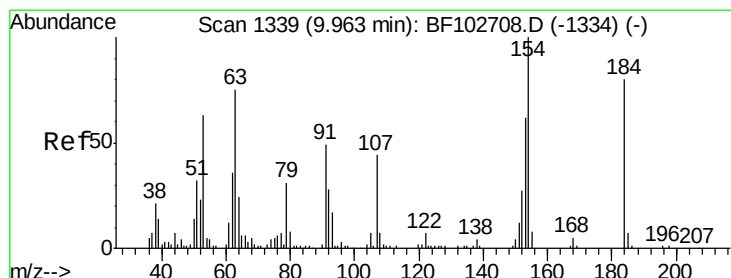
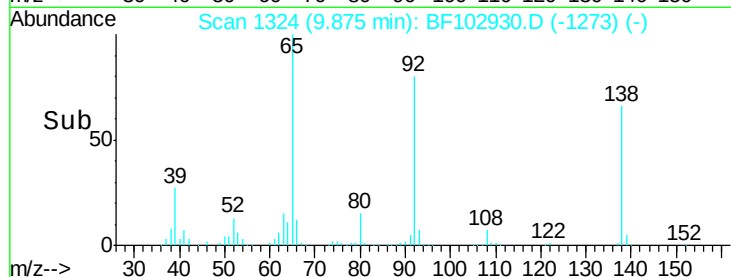
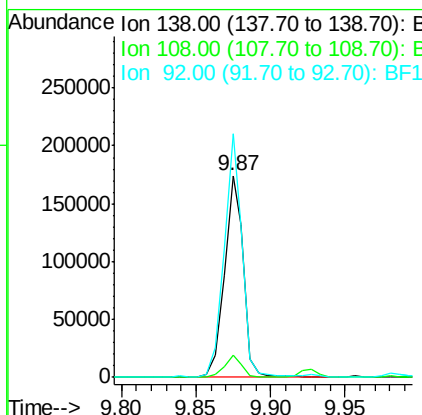
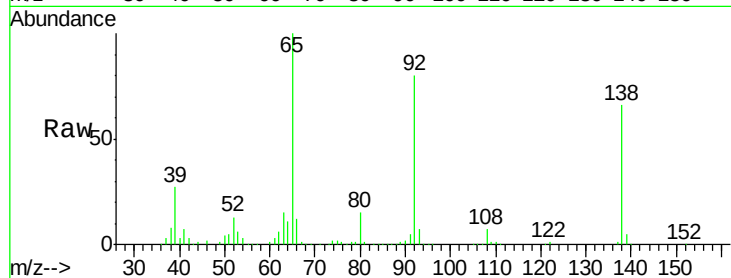




#52
3-Nitroaniline
Concen: 30.31 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

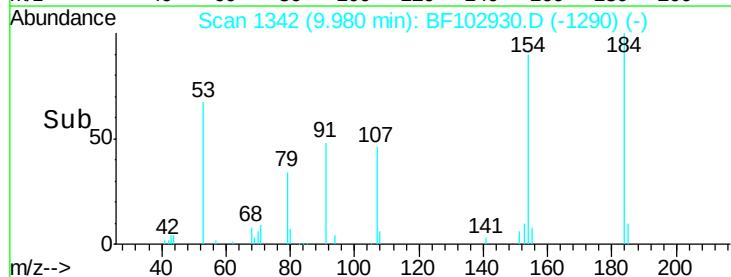
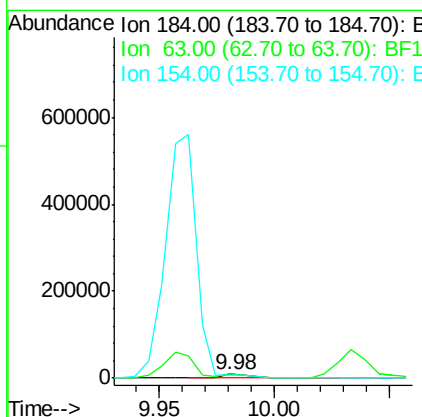
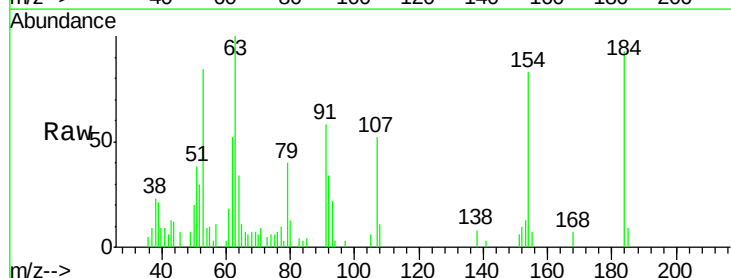
Instrument :
BNA_F
ClientSampleId :

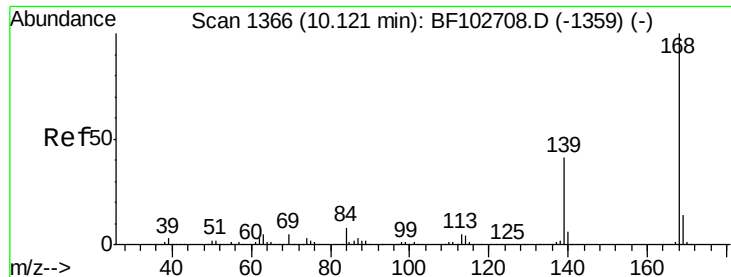
Tot Ion:138 Resp: 156447
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 120.8 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 18.59 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion:184 Resp: 8985
Ion Ratio Lower Upper
184 100
63 107.7 54.2 81.2#
154 89.8 184.0 276.0#

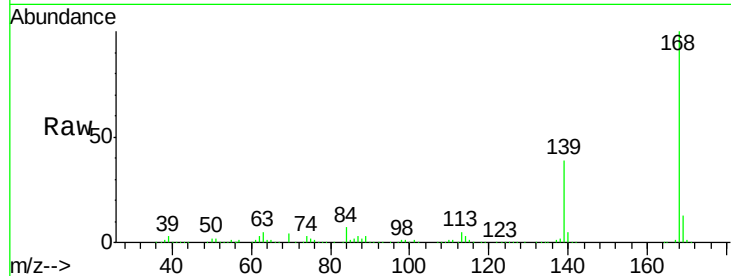




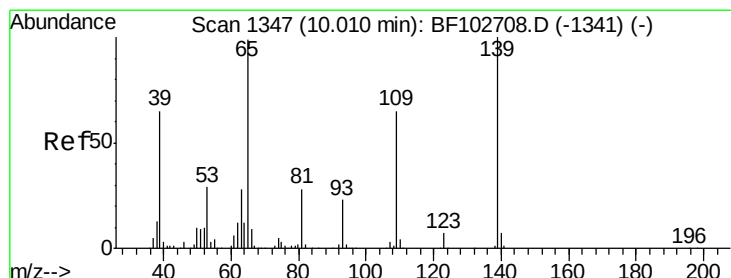
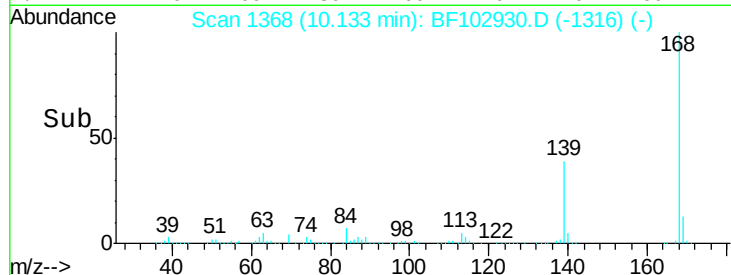
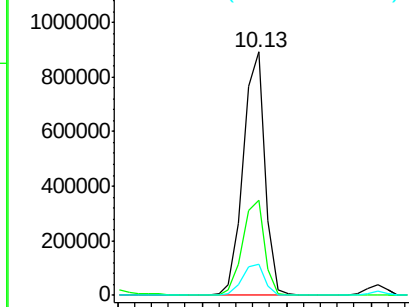
#54
Dibenzofuran
Concen: 32.64 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 801200
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 12.8 10.9 16.3

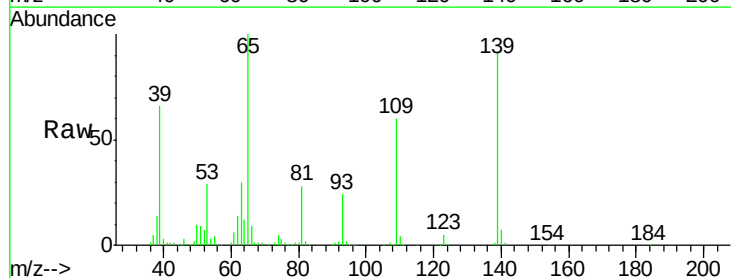


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

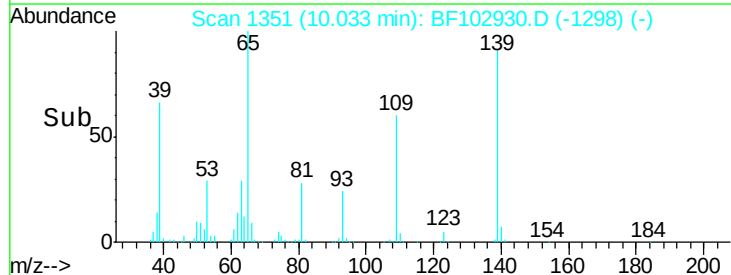
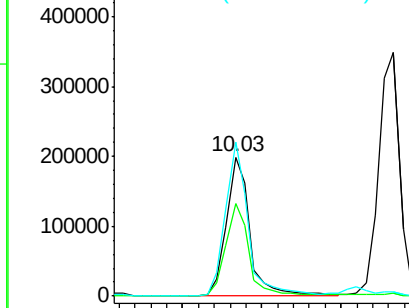


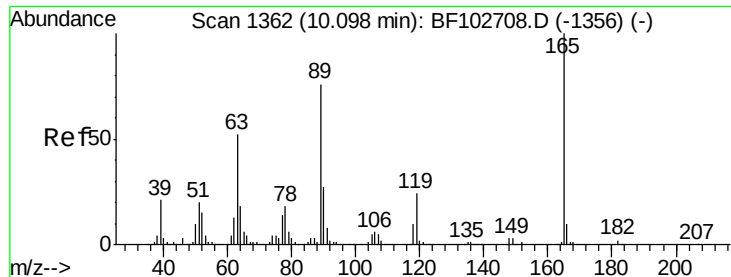
#55
4-Nitrophenol
Concen: 49.87 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion:139 Resp: 204788
Ion Ratio Lower Upper
139 100
109 66.3 48.4 88.4
65 110.3 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

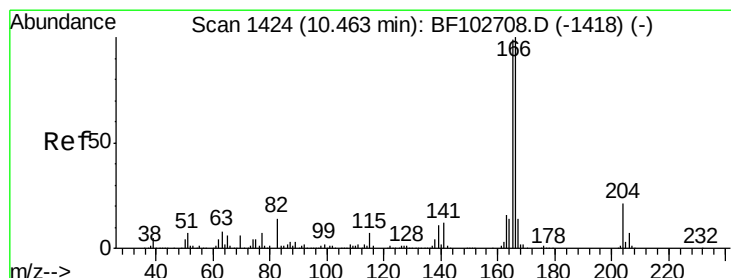
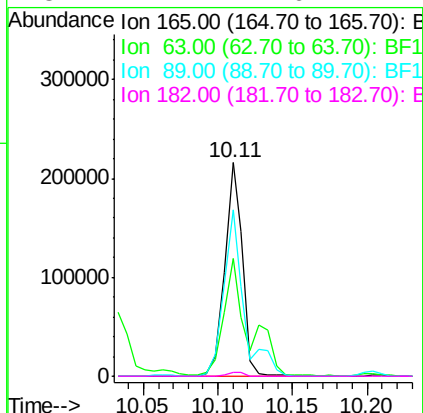
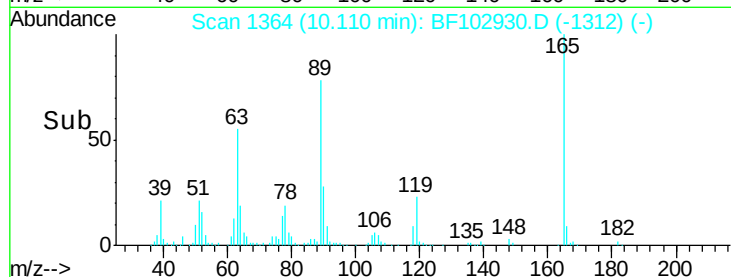
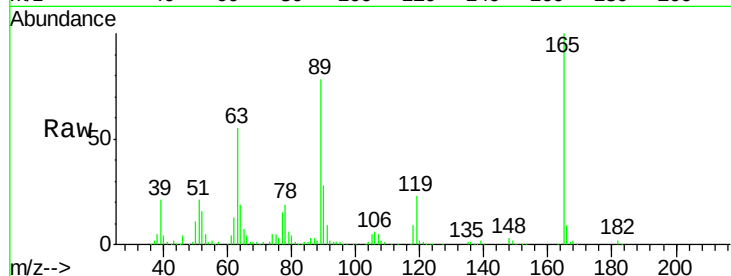




#56
2,4-Dinitrotoluene
Concen: 33.19 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

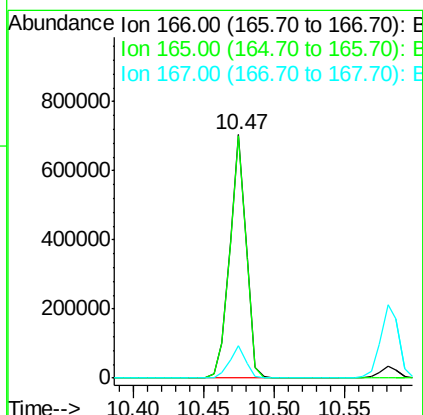
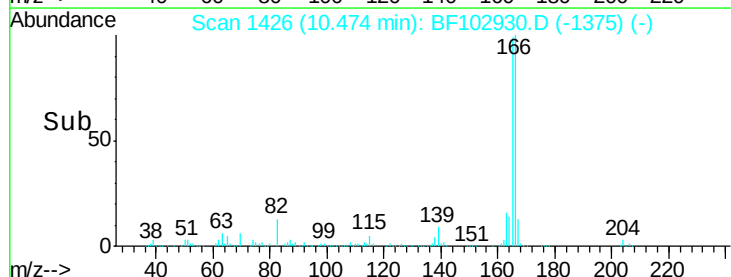
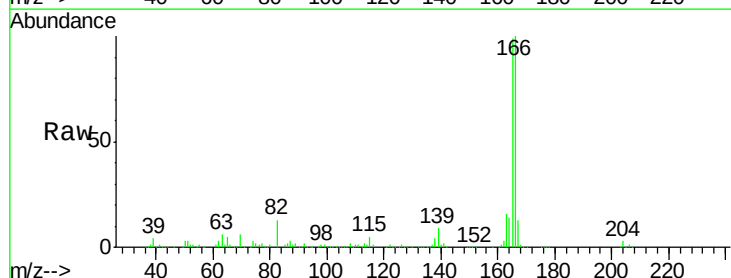
Instrument :
BNA_F
ClientSampleId :

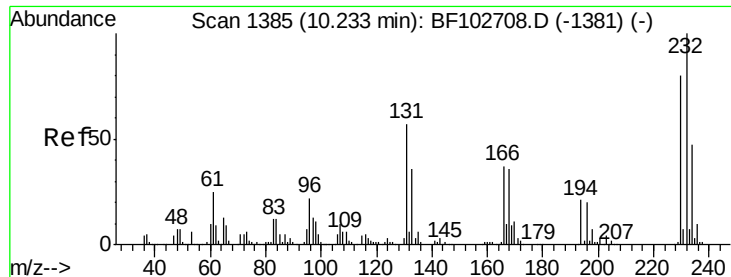
Tot Ion:165 Resp: 181065
Ion Ratio Lower Upper
165 100
63 55.1 36.4 54.6#
89 78.0 57.8 86.6
182 2.1 1.6 2.4



#57
Fluorene
Concen: 31.77 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion:166 Resp: 567390
Ion Ratio Lower Upper
166 100
165 99.3 79.8 119.8
167 13.5 10.6 16.0

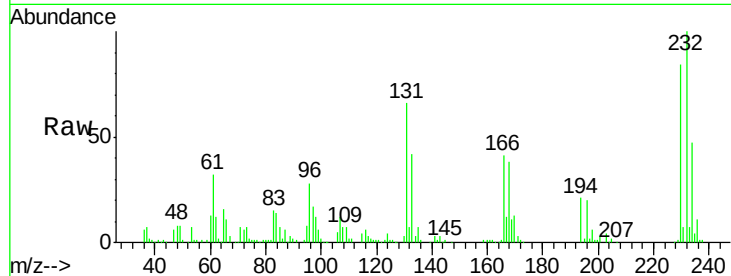




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.39 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	61.1	43.8	65.8
130	3.0	2.1	3.1
166	37.9	27.8	41.6

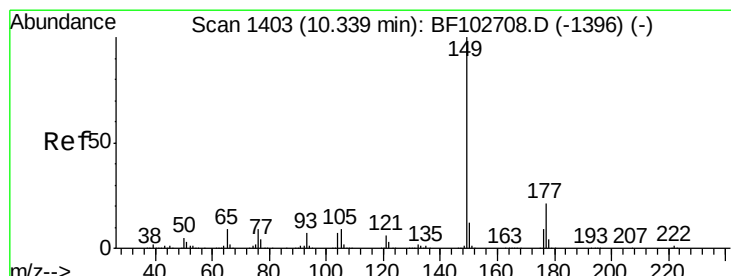
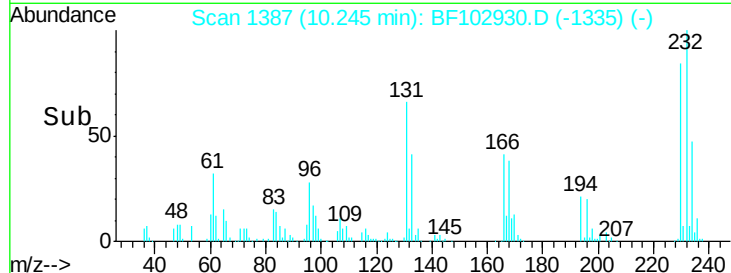
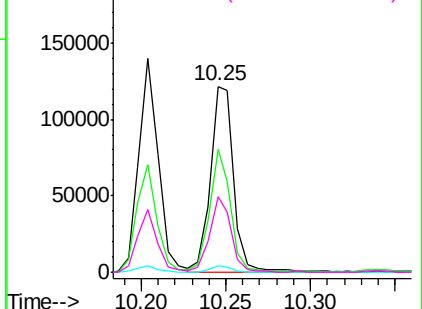


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

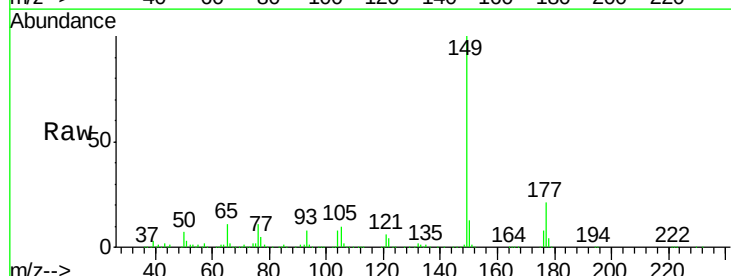
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 32.22 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

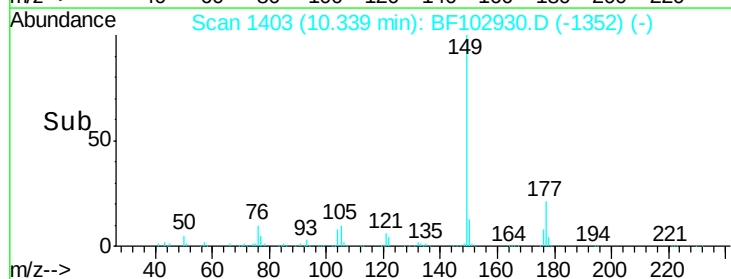
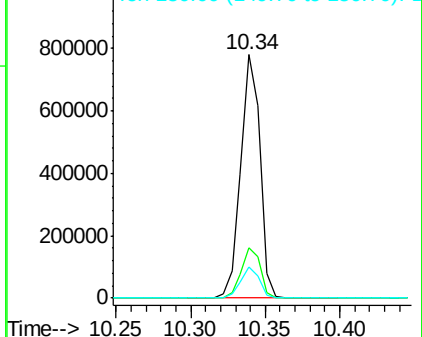
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.9	10.1	15.1

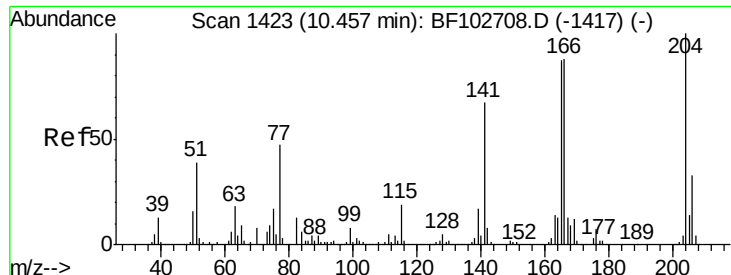


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

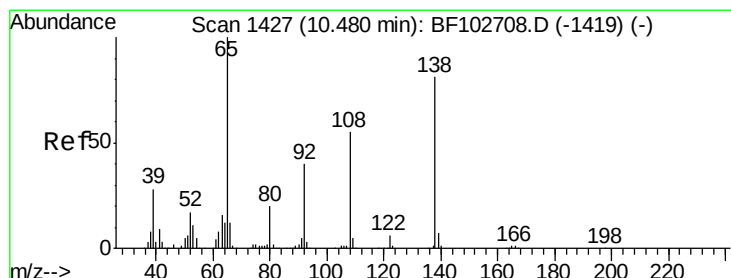
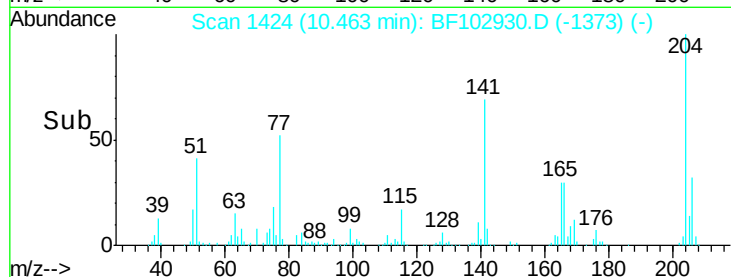
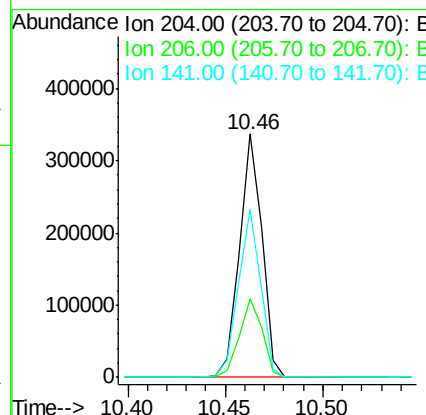
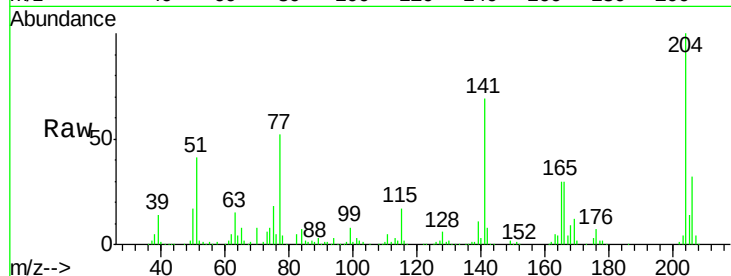




#60
 4-Chlorophenyl-phenylether
 Concen: 33.97 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

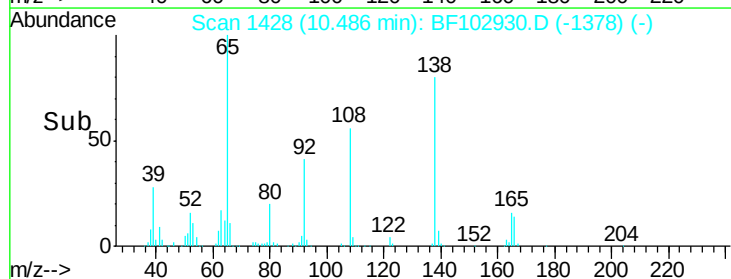
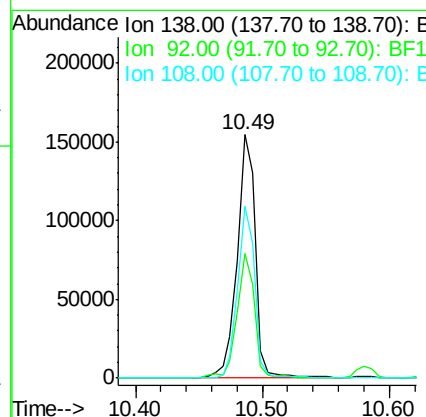
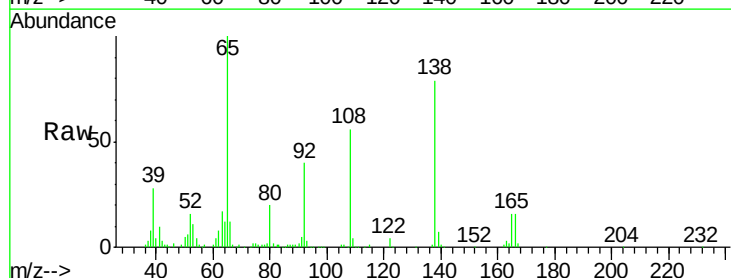
Instrument :
 BNA_F
 ClientSampled :

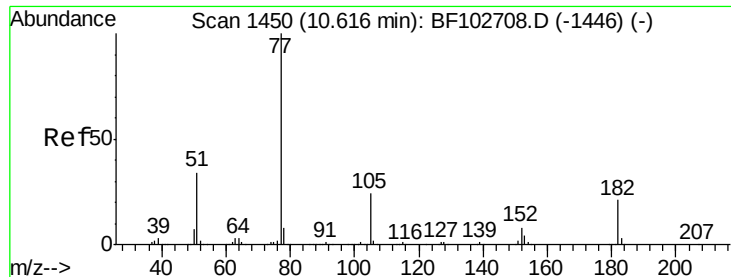
Tot Ion:204 Resp: 268430
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.5 39.7
 141 69.1 54.6 81.8



#61
 4-Nitroaniline
 Concen: 30.98 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion:138 Resp: 152209
 Ion Ratio Lower Upper
 138 100
 92 51.1 30.2 70.2
 108 70.6 52.5 92.5





#62

Azobenzene

Concen: 31.62 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 687785

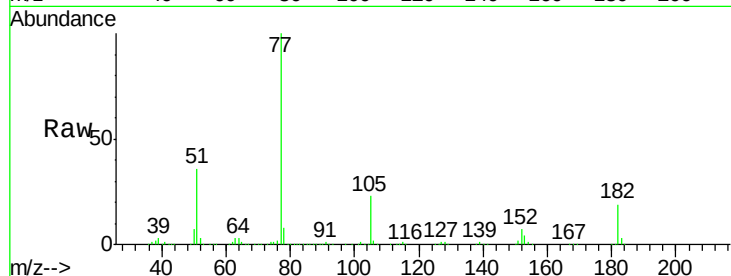
Ion Ratio Lower Upper

77 100

182 19.0 1.7 41.7

105 23.4 3.0 43.0

51 36.0 9.9 49.9

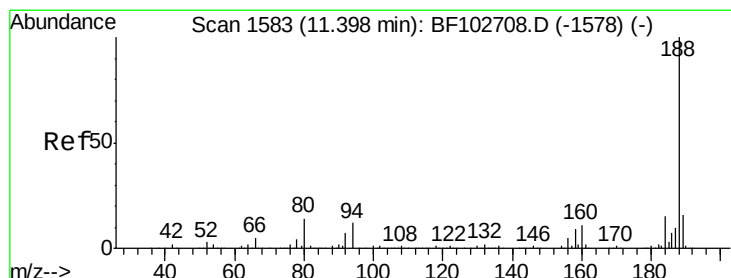
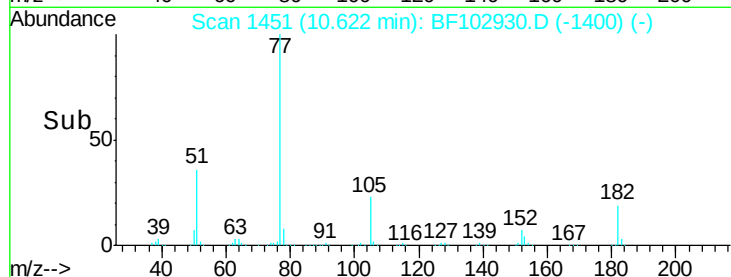
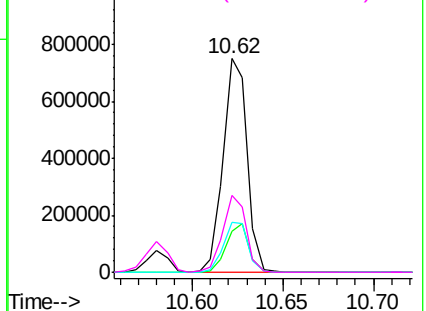


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

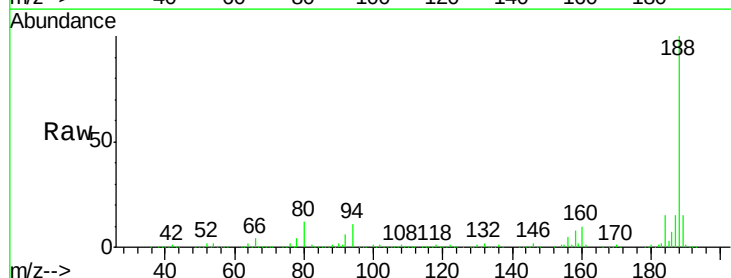
Tgt Ion: 188 Resp: 386025

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

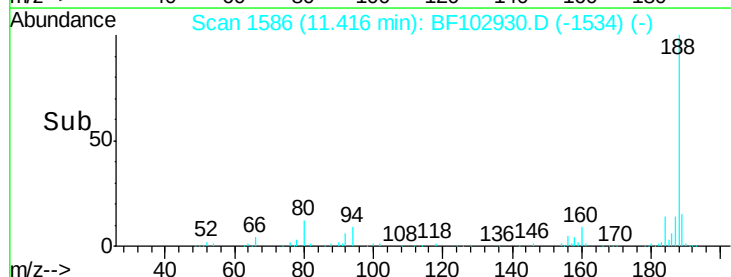
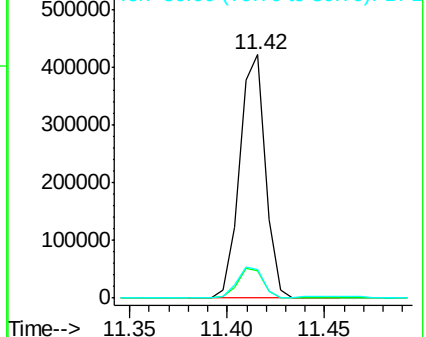
80 12.0 9.2 13.8

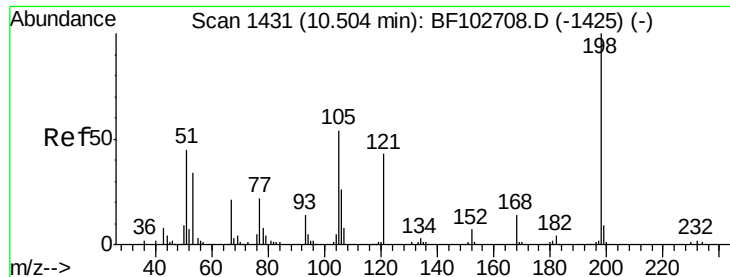


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 15.03 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

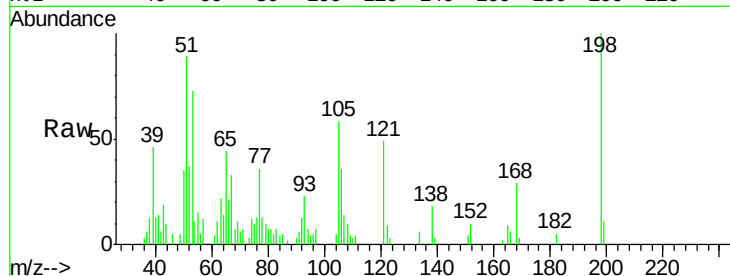
Tot Ion:198 Resp: 11042

Ion Ratio Lower Upper

198 100

51 88.9 37.7 77.7#

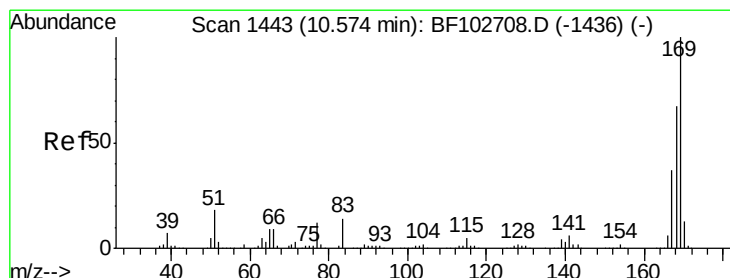
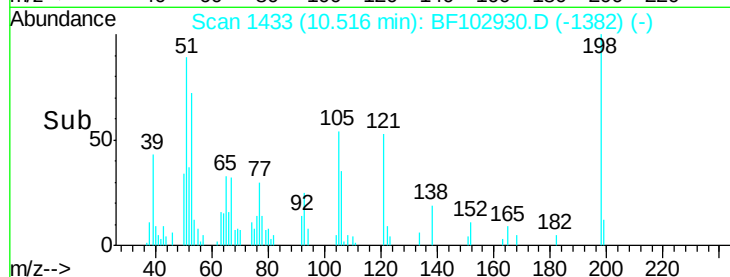
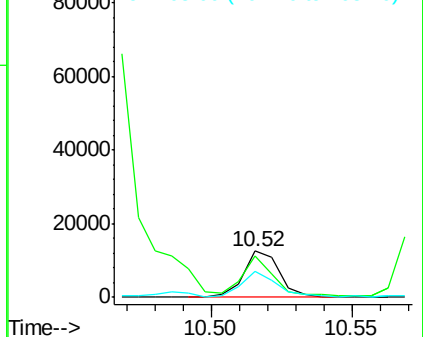
105 57.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.90 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

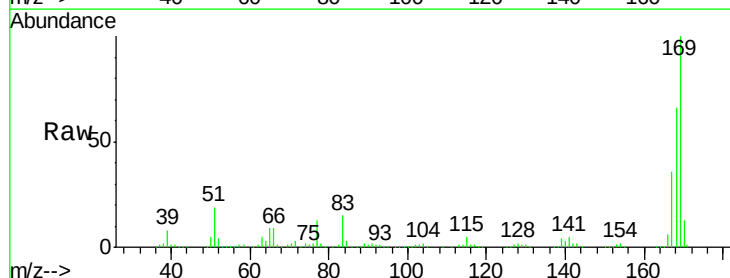
Tgt Ion:169 Resp: 516050

Ion Ratio Lower Upper

169 100

168 66.0 54.4 81.6

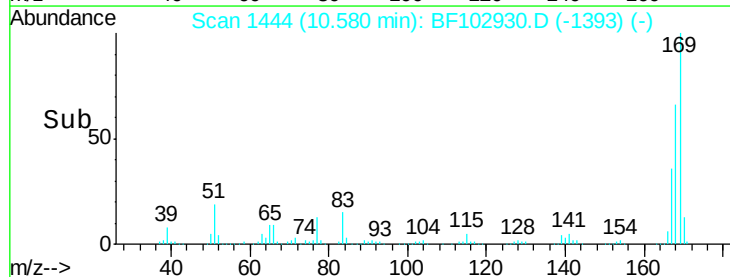
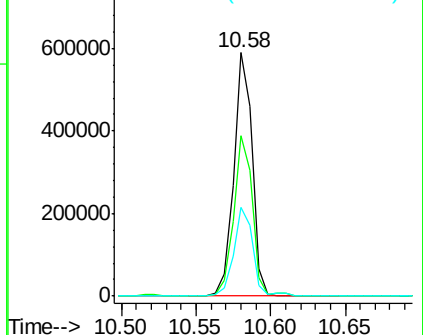
167 36.2 29.8 44.6

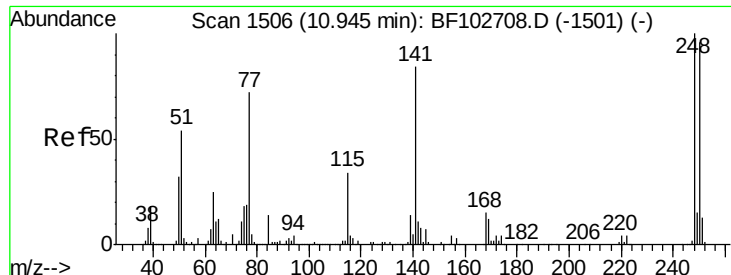


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

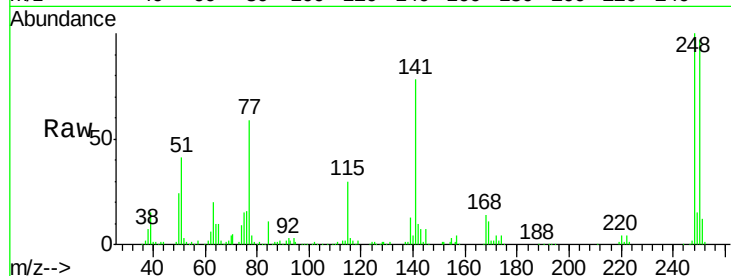




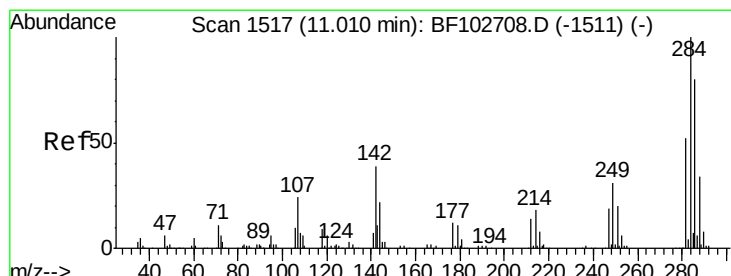
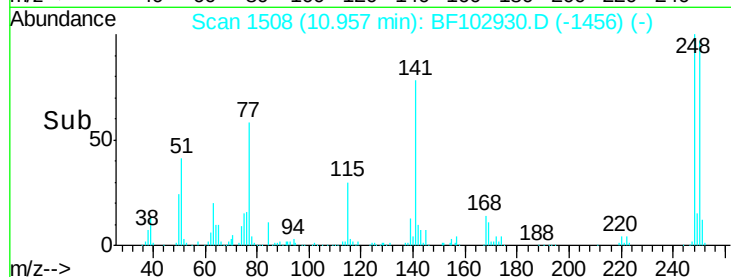
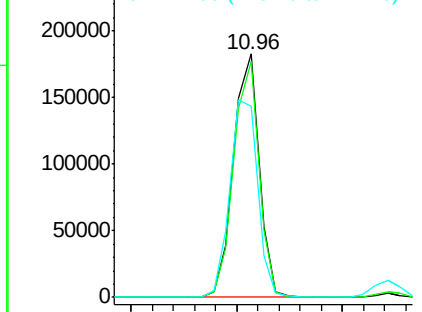
#66
 4-Bromophenyl-phenylether
 Concen: 37.43 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 152836
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.9 115.3
 141 78.4 74.4 111.6

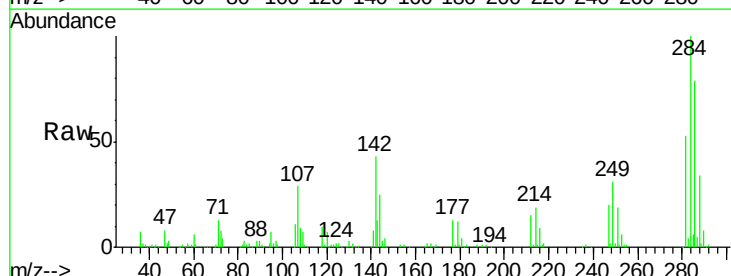


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

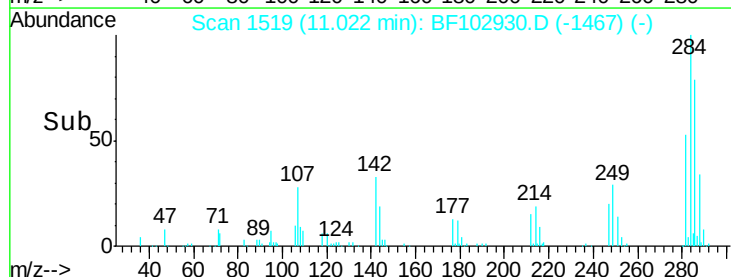
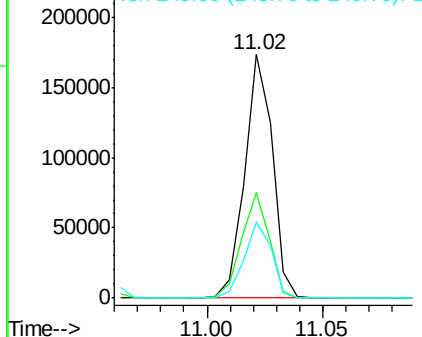


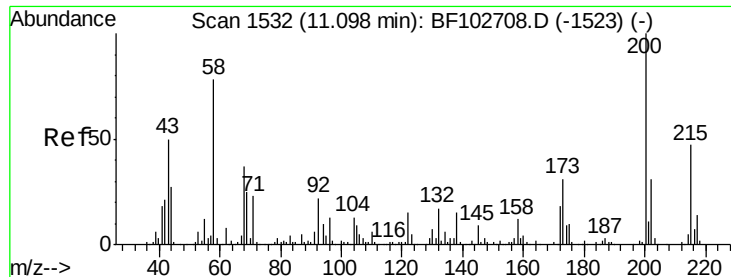
#67
 Hexachlorobenzene
 Concen: 32.35 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion:284 Resp: 145718
 Ion Ratio Lower Upper
 284 100
 142 43.4 34.6 52.0
 249 31.4 24.8 37.2



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

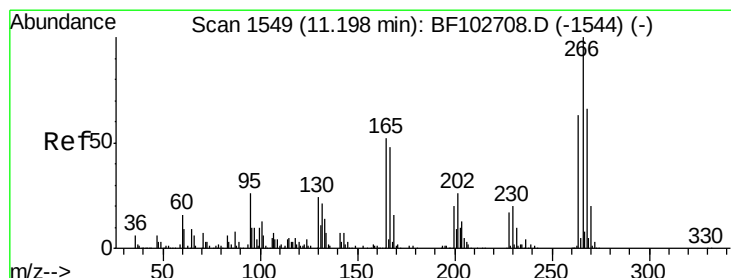
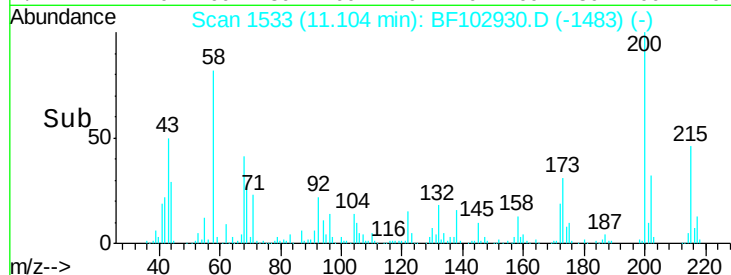
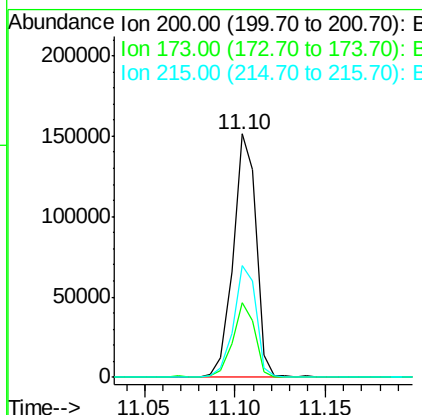
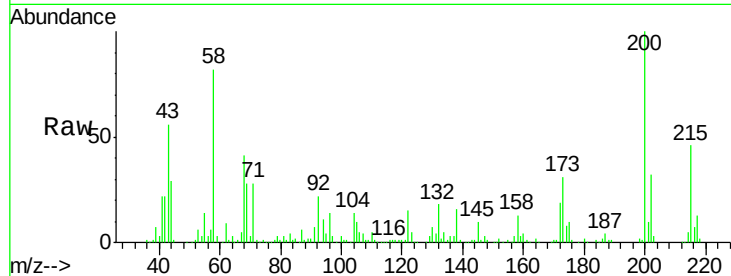




#68
 Atrazine
 Concen: 33.25 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

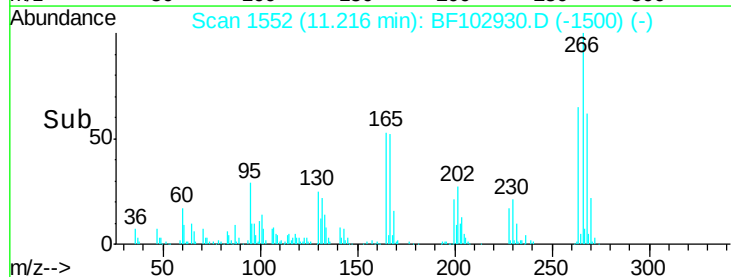
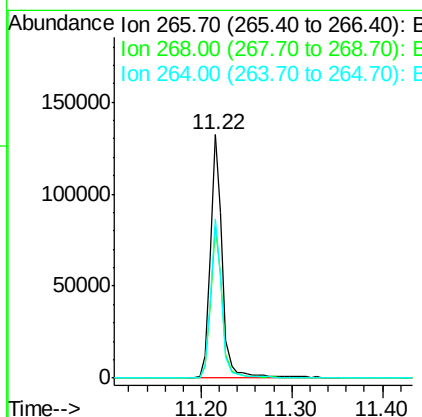
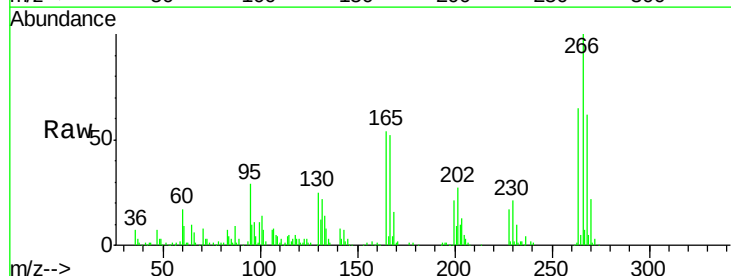
Instrument :
 BNA_F
 ClientSampleId :

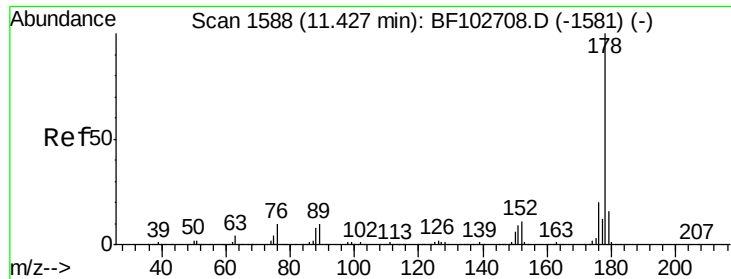
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.9	8.6	48.6
215	46.0	25.1	65.1



#69
 Pentachlorophenol
 Concen: 46.56 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.1	76.7
264	65.2	49.5	74.3





#70

Phenanthrene

Concen: 32.52 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

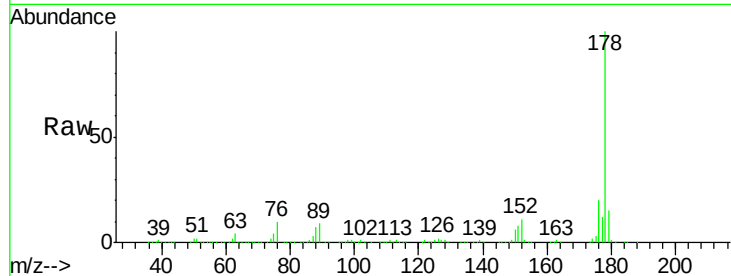
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 699135

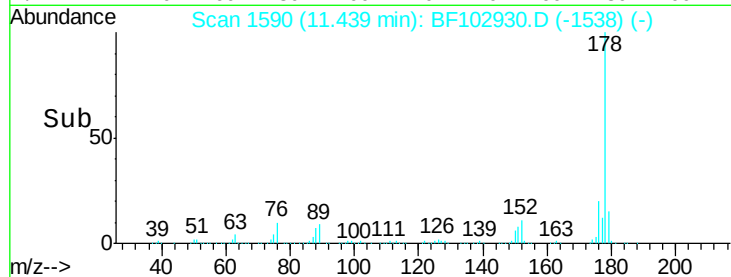
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.0	13.0	19.6



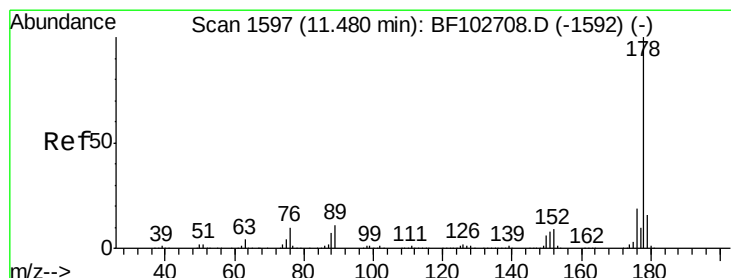
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 32.36 ng

RT: 11.49 min Scan# 1599

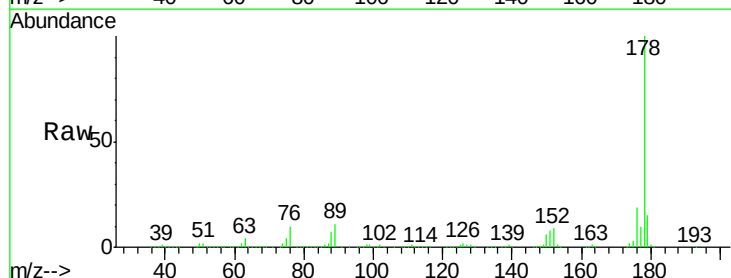
Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Tgt Ion:178 Resp: 707644

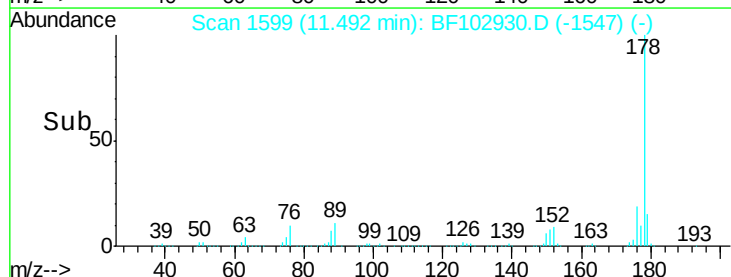
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.2	12.6	19.0



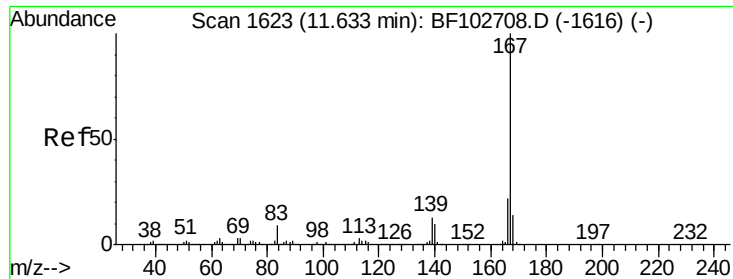
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 30.54 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

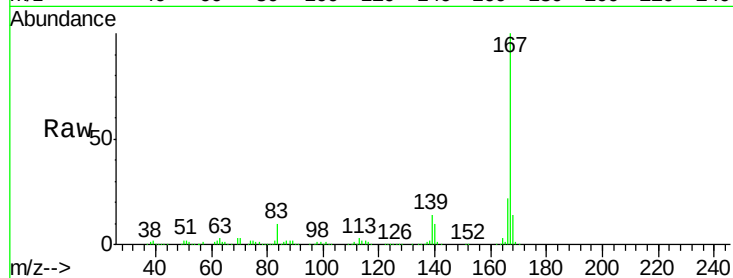
Tot Ion:167 Resp: 654331

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

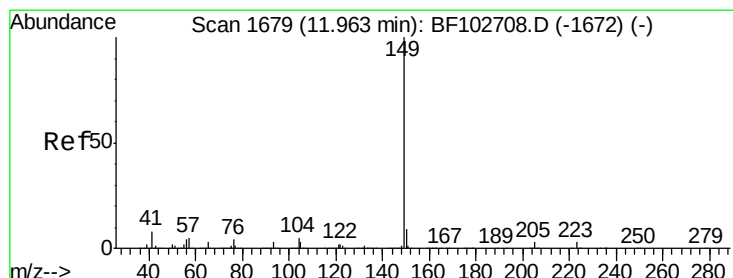
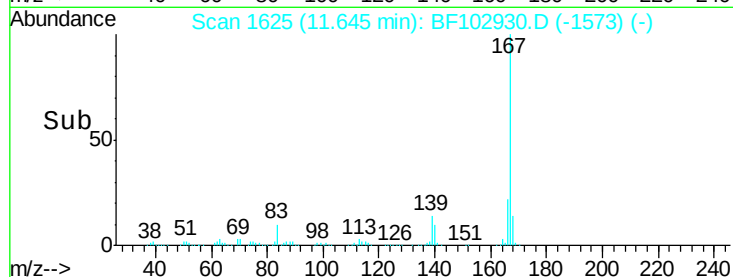
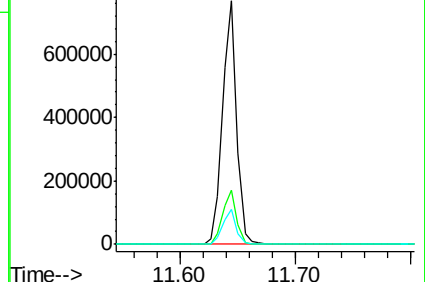
139 14.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.34 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

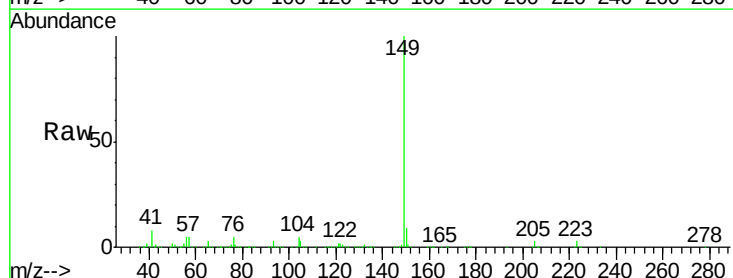
Tgt Ion:149 Resp: 945542

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

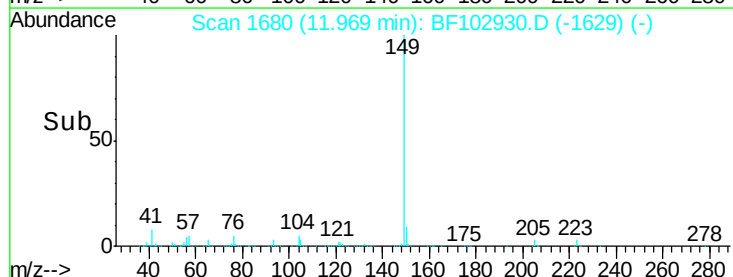
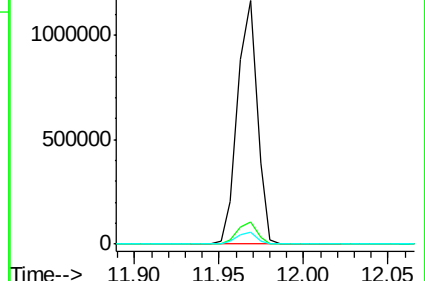
104 4.7 3.8 5.8

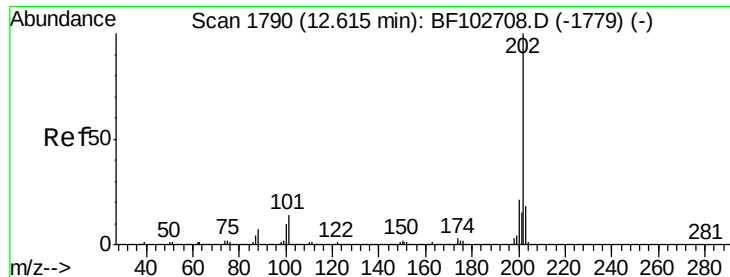


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 30.33 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

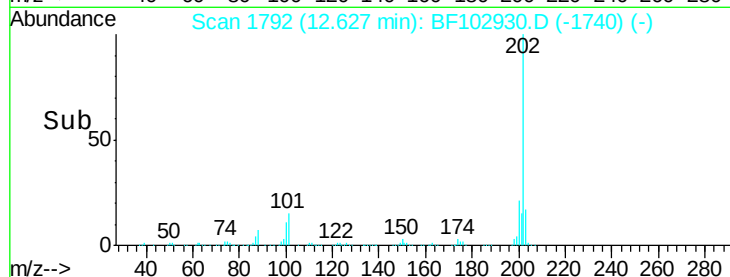
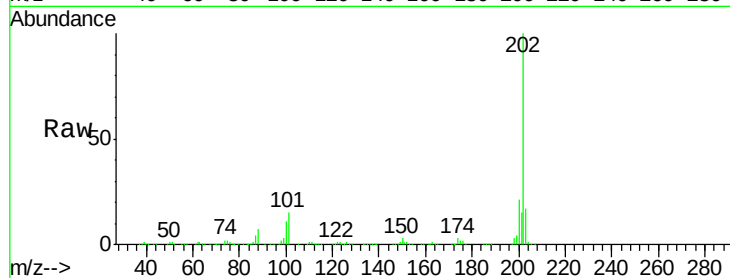
Tot Ion:202 Resp: 656016

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

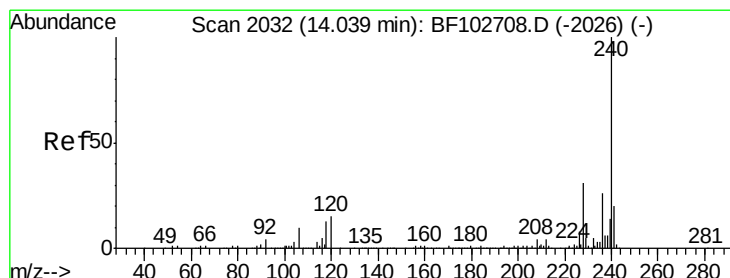
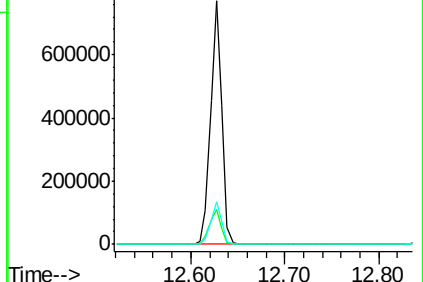
203 17.4 0.0 38.1



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: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

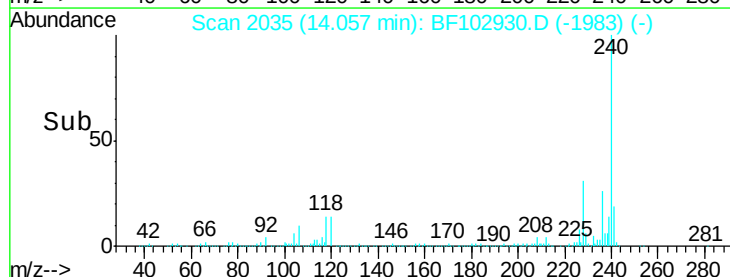
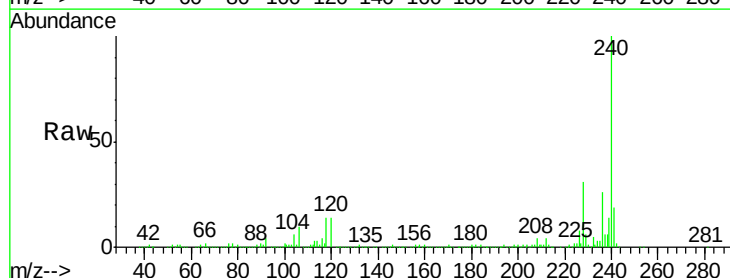
Tgt Ion:240 Resp: 299879

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

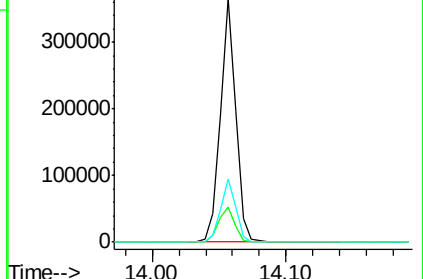
236 25.8 20.7 31.1

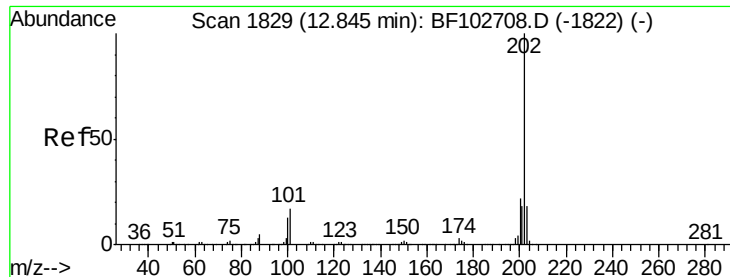


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 28.64 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

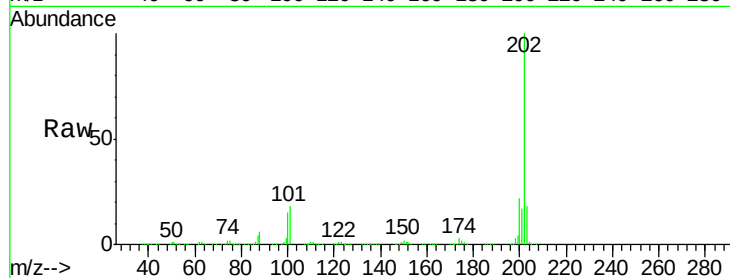
Tot Ion:202 Resp: 673401

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

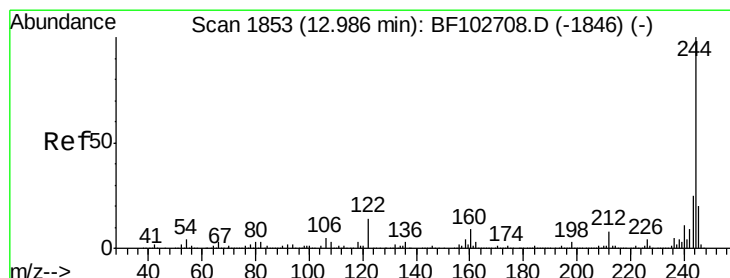
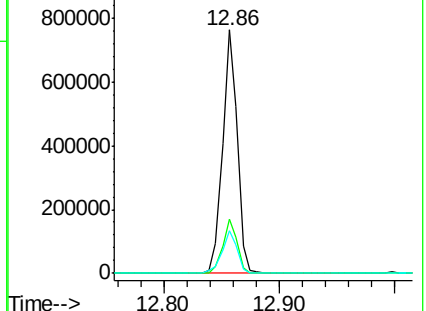
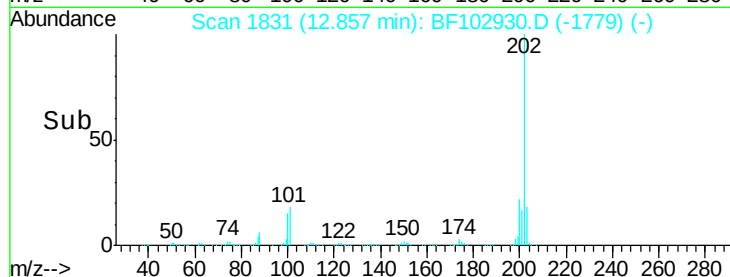
203 17.5 14.3 21.5



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: 66.01 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

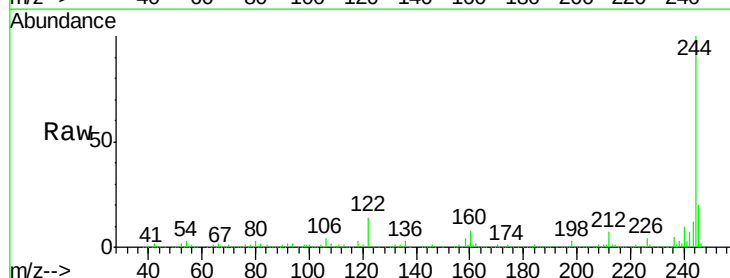
Tgt Ion:244 Resp: 836067

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

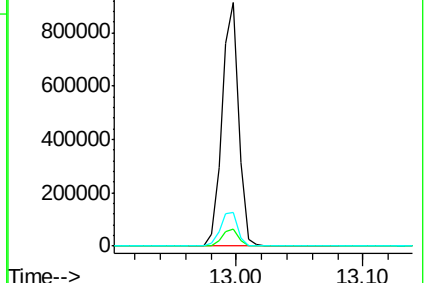
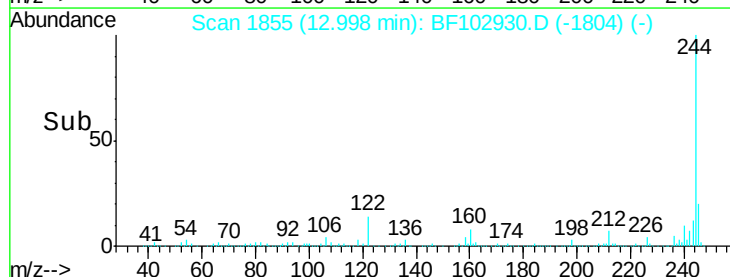
122 13.7 11.0 16.4

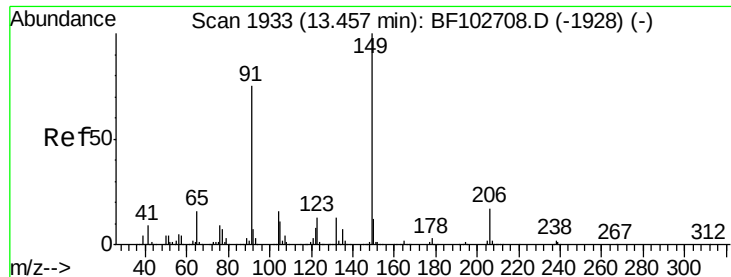


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

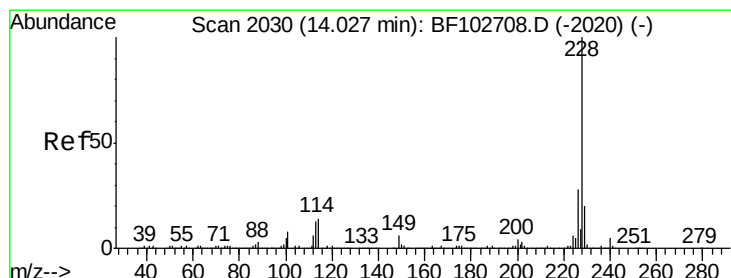
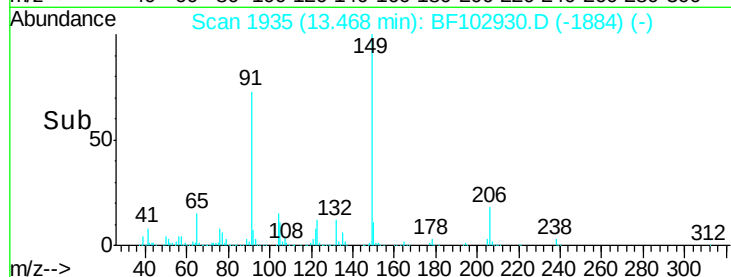
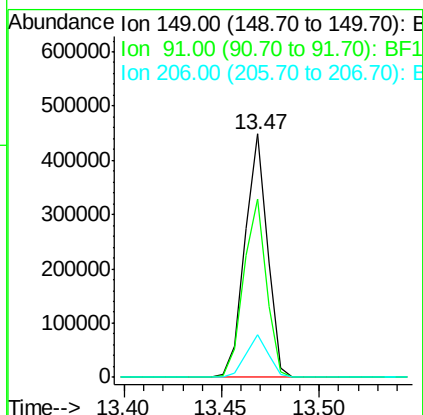
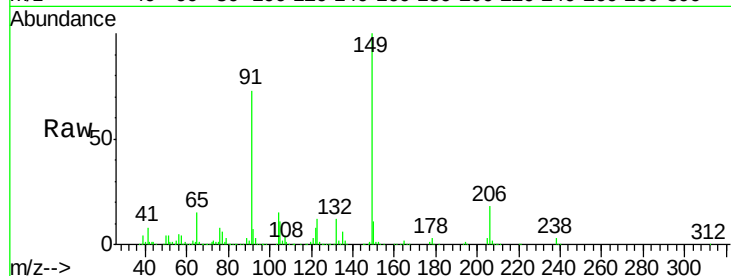




#79
Butylbenzylphthalate
Concen: 32.31 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

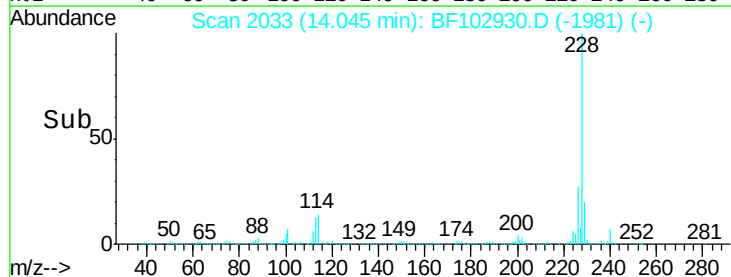
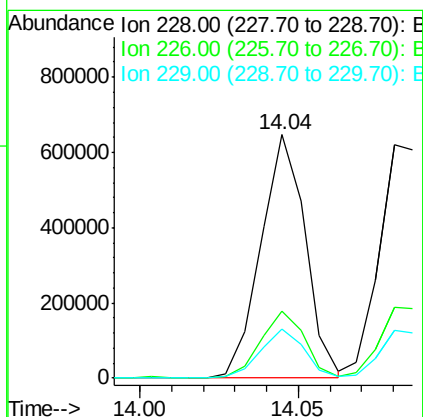
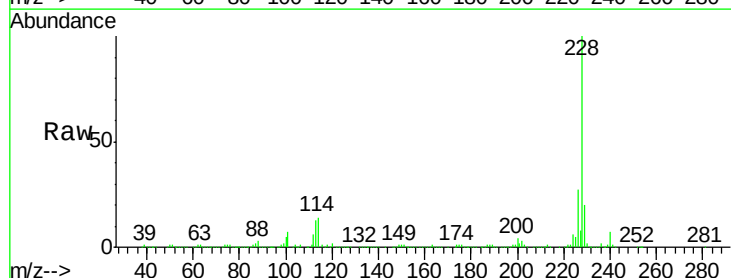
Instrument :
BNA_F
ClientSampleId :

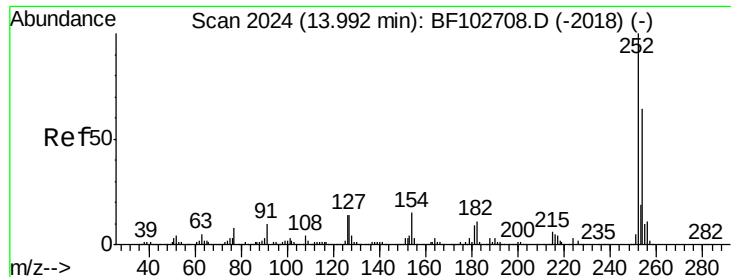
Tot Ion:149 Resp: 359544
Ion Ratio Lower Upper
149 100
91 73.2 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 33.38 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion:228 Resp: 629608
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.9 15.8 23.6

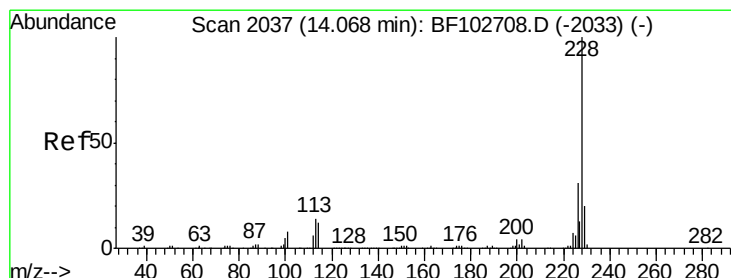
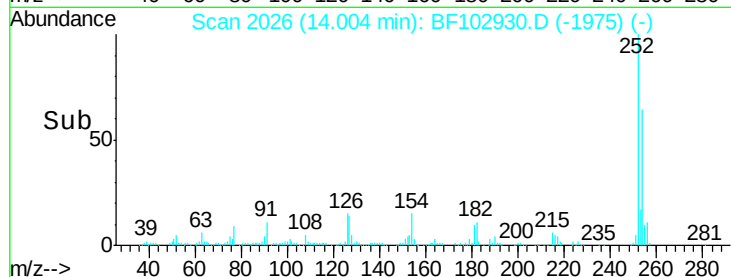
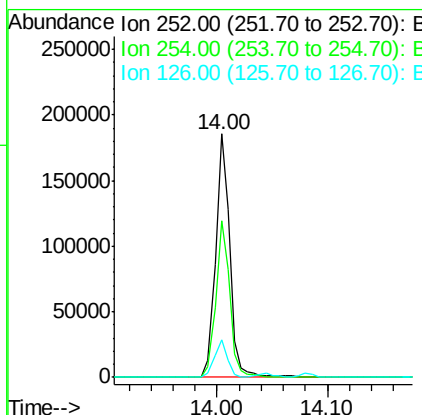
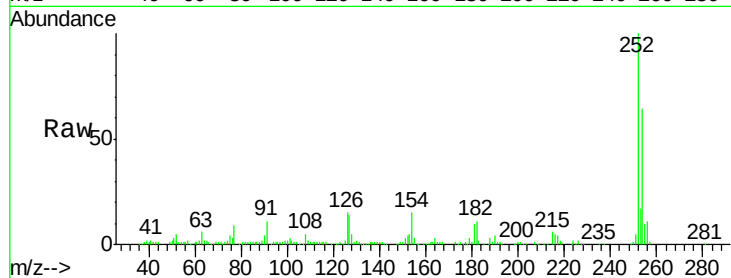




#81
 3,3'-Dichlorobenzidine
 Concen: 23.45 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

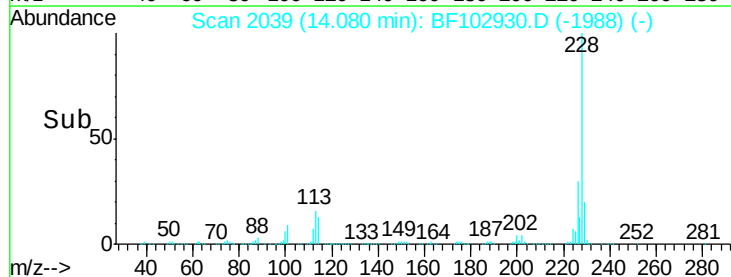
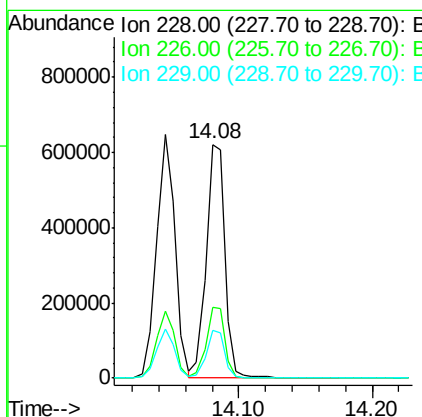
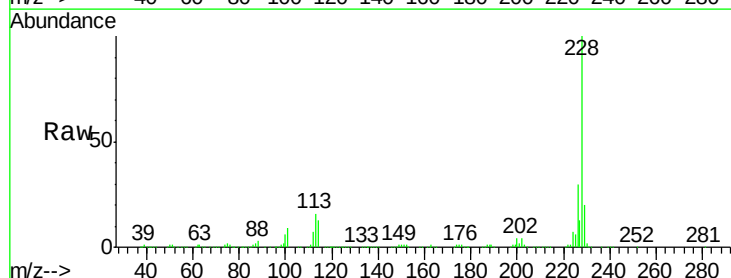
Instrument :
 BNA_F
 ClientSampled :

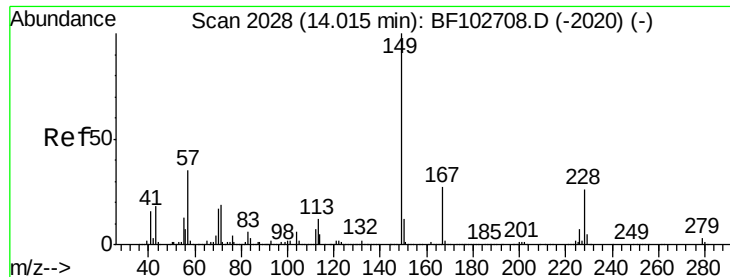
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	15.2	11.3	16.9



#82
 Chrysene
 Concen: 31.96 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.38 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

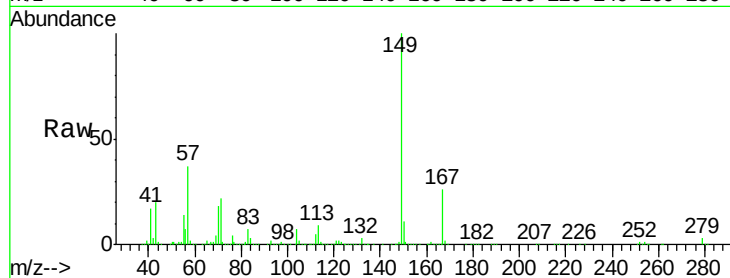
Tot Ion:149 Resp: 524130

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

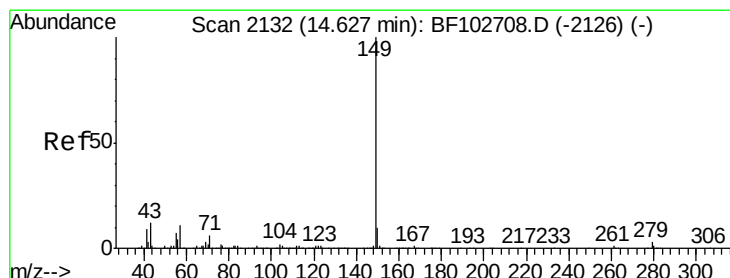
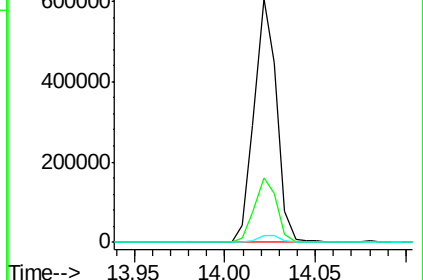
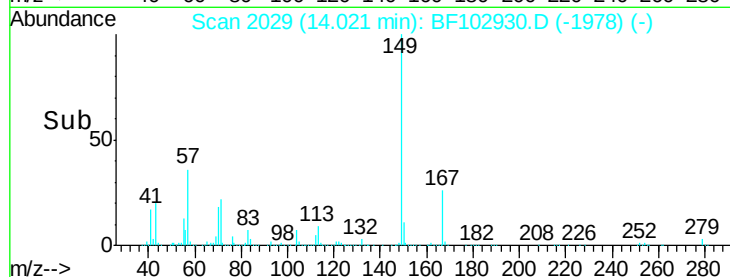
279 2.7 3.0 4.4#



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: 42.82 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

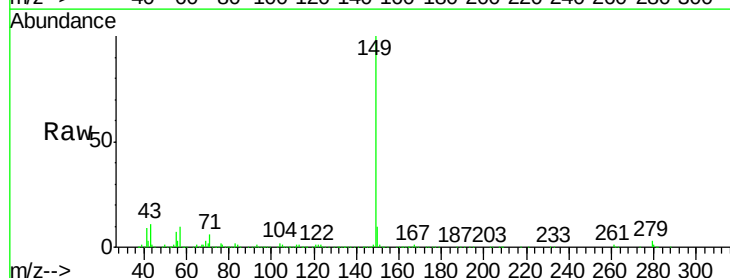
Tgt Ion:149 Resp: 926106

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

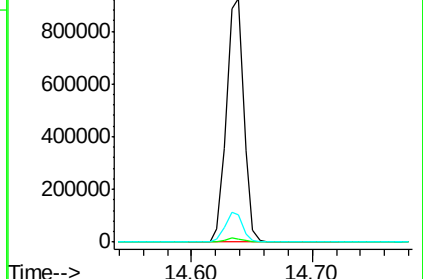
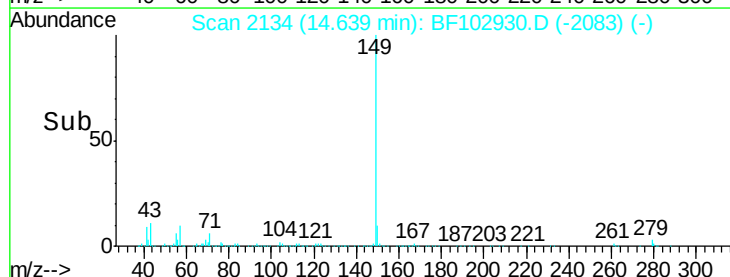
43 11.7 8.4 12.6

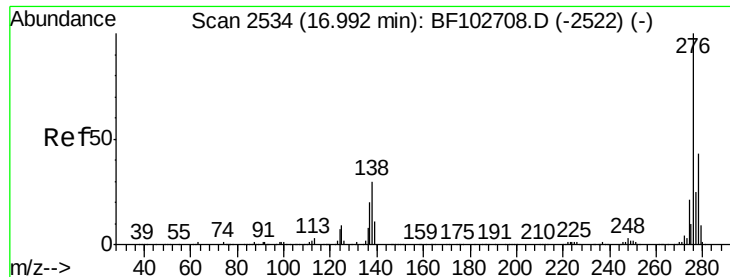


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

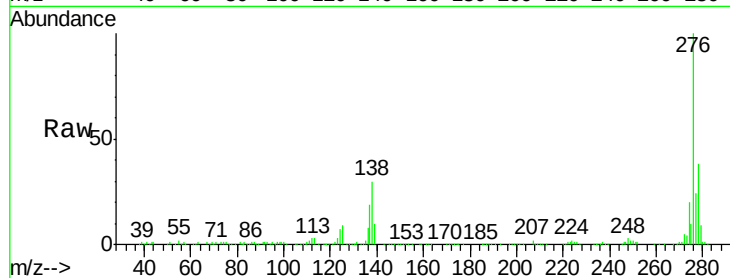




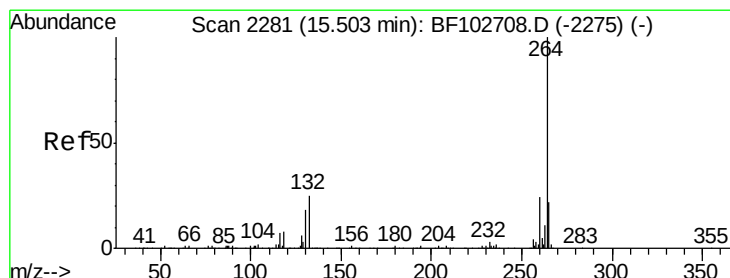
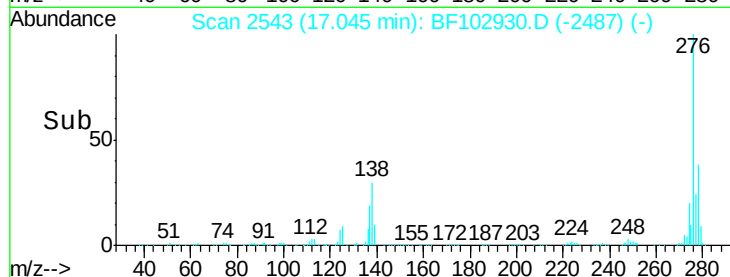
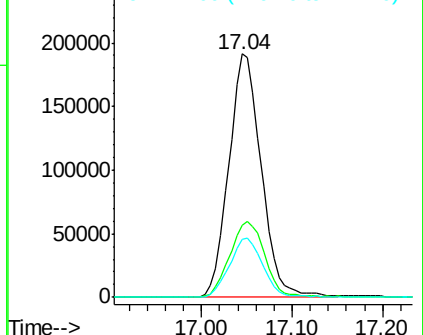
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.26 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.03 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 477119
 Ion Ratio Lower Upper
 276 100
 138 33.7 25.0 37.6
 277 25.0 20.1 30.1

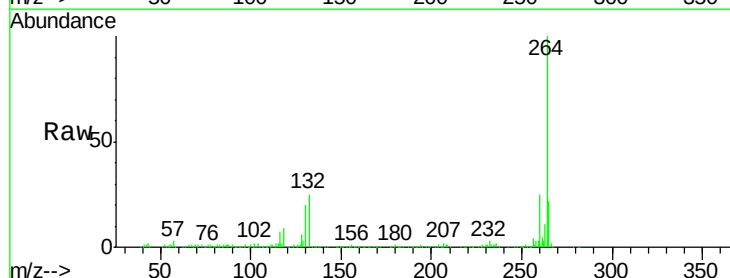


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

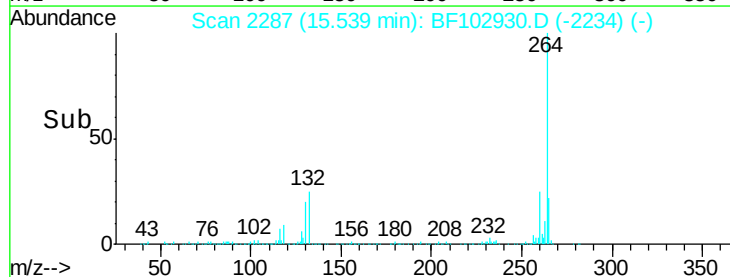
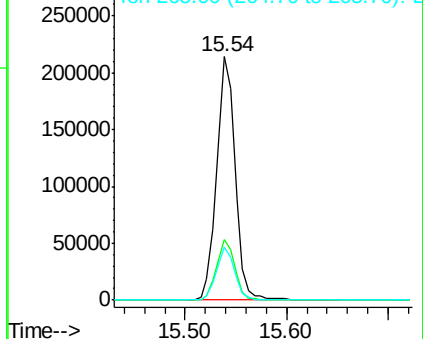


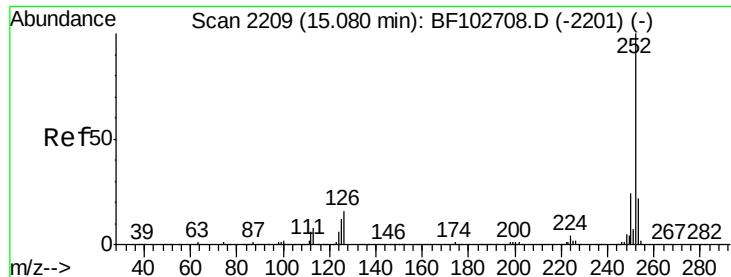
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF102930.D
 Acq: 12 Feb 2018 19:38

Tgt Ion:264 Resp: 272787
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.9 17.5 26.3



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

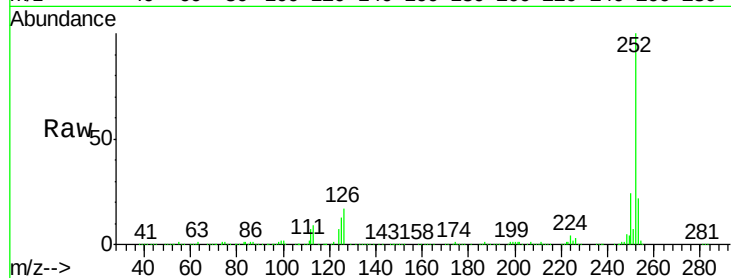




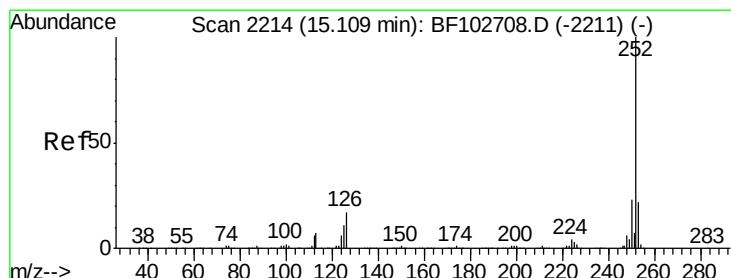
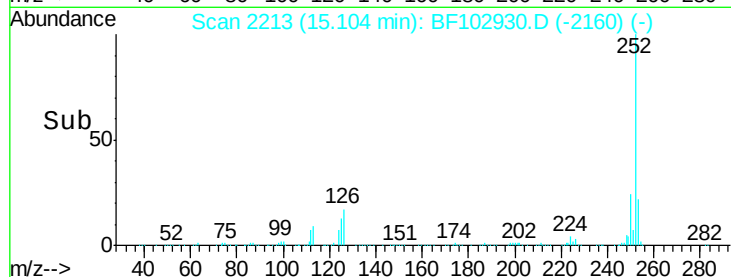
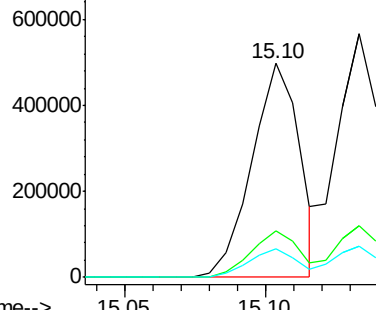
#87
Benzo(b)fluoranthene
Concen: 33.08 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 585070
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 13.2 9.0 13.6

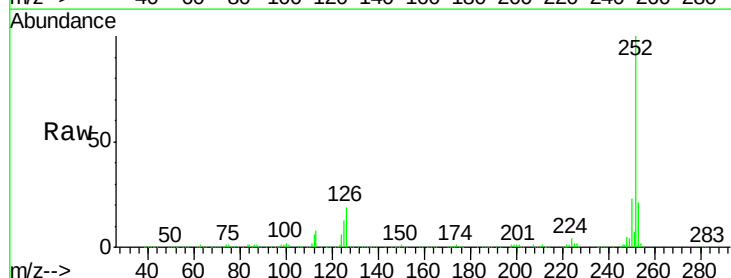


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

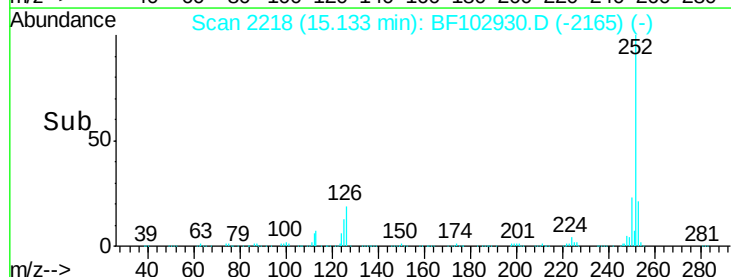
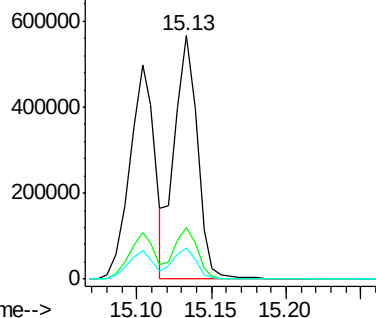


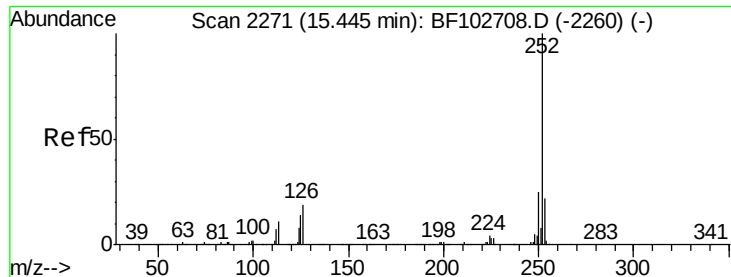
#88
Benzo(k)fluoranthene
Concen: 35.39 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF102930.D
Acq: 12 Feb 2018 19:38

Tgt Ion:252 Resp: 597972
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.8 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: 34.31 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

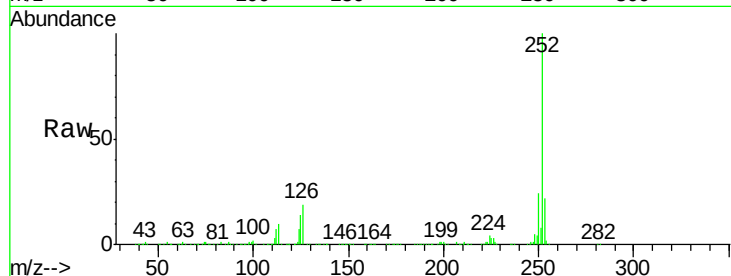
Tot Ion:252 Resp: 546249

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

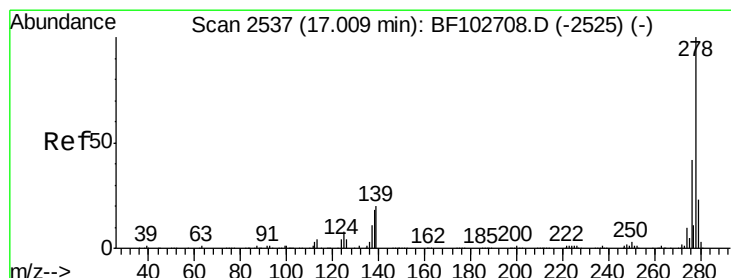
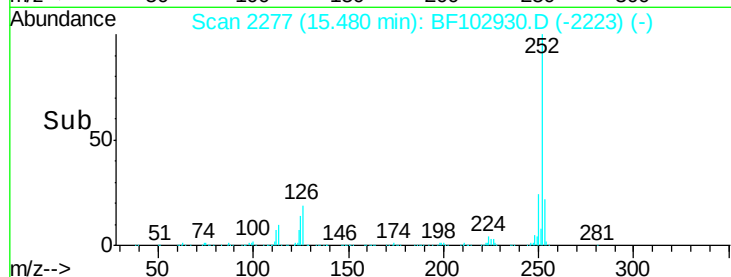
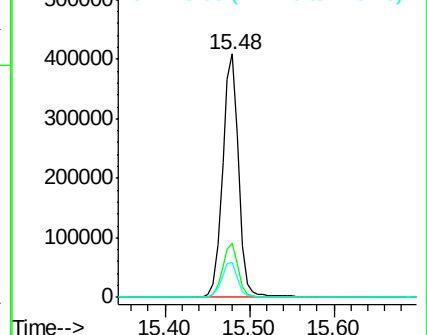
125 14.3 9.8 14.6



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: 31.78 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

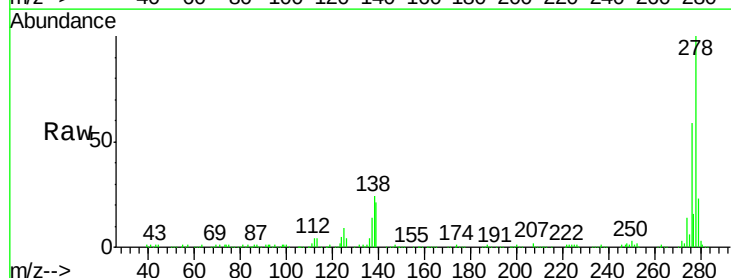
Tgt Ion:278 Resp: 410644

Ion Ratio Lower Upper

278 100

139 21.3 15.9 23.9

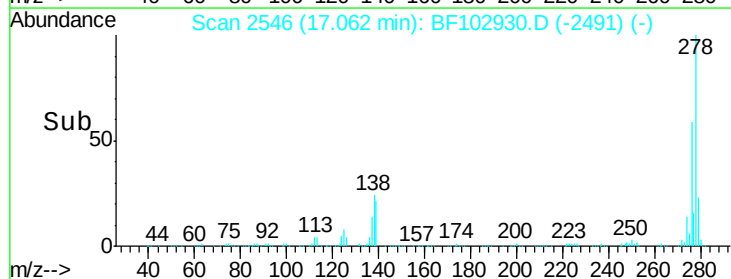
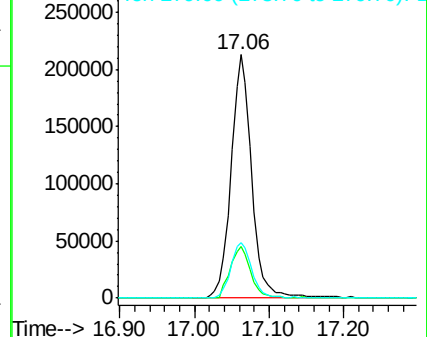
279 23.0 19.0 28.4

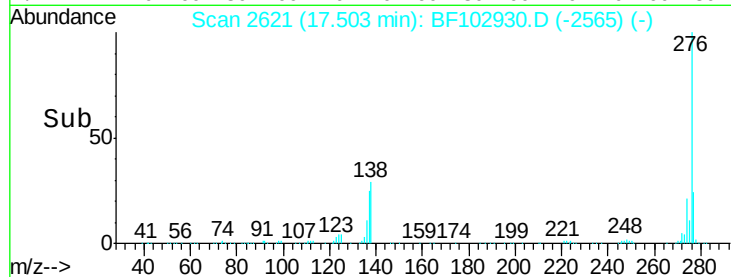
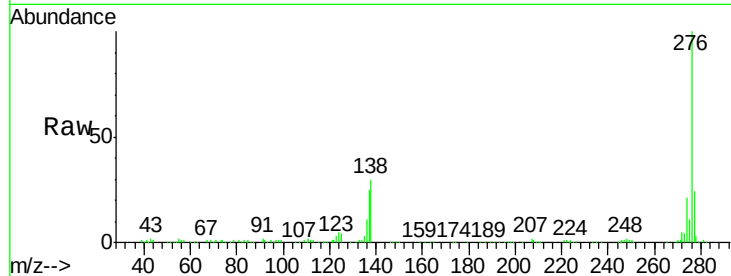
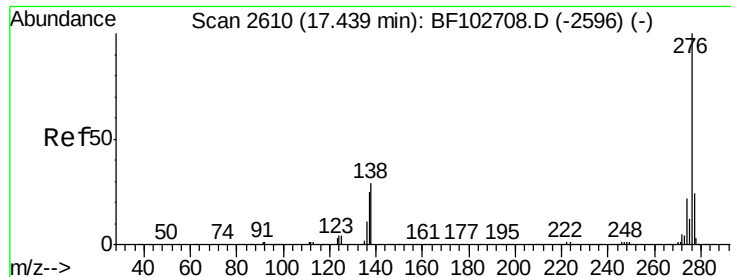


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.10 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.03 min

Lab File: BF102930.D

Acq: 12 Feb 2018 19:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 380723

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 29.6 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

