

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104093.D
 Acq On : 30 Mar 2018 15:27
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 17:21:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93364	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	395889	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	190913	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	353563	20.00	ng	0.00
75) Chrysene-d12	14.14	240	273544	20.00	ng	0.00
86) Perylene-d12	15.68	264	231974	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	434733	74.26	ng	0.00
7) Phenol-d6	6.59	99	574698	79.79	ng	0.00
23) Nitrobenzene-d5	7.53	82	541726	83.68	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	177714	83.60	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1057228	87.33	ng	0.00
78) Terphenyl-d14	13.07	244	1053671	88.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	95282	37.736	ng	88
3) Pyridine	3.59	79	190799	29.849	ng	85
4) n-Nitrosodimethylamine	3.57	42	35154	18.502	ng	82
6) Aniline	6.63	93	338104	39.211	ng	91
8) 2-Chlorophenol	6.75	128	260298	40.532	ng	96
9) Benzaldehyde	6.52	77	157270	43.458	ng	98
10) Phenol	6.60	94	300798	37.691	ng	97
11) bis(2-Chloroethyl)ether	6.69	93	314458	45.725	ng	87
12) 1,3-Dichlorobenzene	6.90	146	278959	38.643	ng	98
13) 1,4-Dichlorobenzene	6.97	146	327013	42.276	ng	98
14) 1,2-Dichlorobenzene	7.13	146	282884	40.688	ng	99
15) Benzyl Alcohol	7.10	79	160867	34.350	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	304474	40.639	ng	63
17) 2-Methylphenol	7.21	107	217010	41.518	ng	# 92
18) Hexachloroethane	7.46	117	107947	41.681	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	179976	42.104	ng	92
20) 3+4-Methylphenols	7.36	107	286860	43.002	ng	# 80
22) Acetophenone	7.37	105	408465	42.644	ng	# 98
24) Nitrobenzene	7.55	77	259576	38.110	ng	99
25) Isophorone	7.77	82	473173	39.662	ng	98
26) 2-Nitrophenol	7.86	139	146296	41.148	ng	96
27) 2,4-Dimethylphenol	7.89	122	207877	40.541	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	293324	39.230	ng	99
29) 2,4-Dichlorophenol	8.10	162	218565	40.809	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	253684	41.747	ng	98
31) Naphthalene	8.26	128	863327	44.638	ng	100
32) Benzoic acid	8.02	122	126709	33.732	ng	90
33) 4-Chloroaniline	8.32	127	342506	42.006	ng	97
34) Hexachlorobutadiene	8.37	225	136763	41.358	ng	100
35) Caprolactam	8.69	113	63879	37.615	ng	# 81
36) 4-Chloro-3-methylphenol	8.79	107	234524	41.400	ng	97
37) 2-Methylnaphthalene	8.95	142	518914	40.732	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	242809	41.475	ng	98
40) Hexachlorocyclopentadiene	9.10	237	89237	35.589	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	136996	36.955	ng	98
43) 2,4,5-Trichlorophenol	9.27	196	185644	41.475	ng	95
45) 1,1'-Biphenyl	9.42	154	678505	41.409	ng	98
46) 2-Chloronaphthalene	9.45	162	527771	40.833	ng	99
47) 2-Nitroaniline	9.55	65	147926	40.137	ng	92
48) Acenaphthylene	9.86	152	793811	40.540	ng	100
49) Dimethylphthalate	9.71	163	607035	40.272	ng	99
50) 2,6-Dinitrotoluene	9.79	165	132057	40.722	ng	90
51) Acenaphthene	10.03	154	442560	39.070	ng	99
52) 3-Nitroaniline	9.97	138	155925	41.828	ng	97
53) 2,4-Dinitrophenol	10.07	184	54015	41.068	ng	# 38
54) Dibenzofuran	10.20	168	664069	40.145	ng	97
55) 4-Nitrophenol	10.14	139	86823	38.844	ng	90
56) 2,4-Dinitrotoluene	10.19	165	174102	42.074	ng	# 93
57) Fluorene	10.55	166	555138	40.685	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	147108	43.867	ng	# 87
59) Diethylphthalate	10.41	149	585002	40.513	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	262549	41.894	ng	99
61) 4-Nitroaniline	10.59	138	142089	40.735	ng	92
62) Azobenzene	10.70	77	539908	41.350	ng	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	86783	40.549	ng	81
65) n-Nitrosodiphenylamine	10.66	169	482363	40.284	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	152995	40.447	ng	93
67) Hexachlorobenzene	11.10	284	176641	40.596	ng	# 87
68) Atrazine	11.18	200	152568	41.591	ng	99
69) Pentachlorophenol	11.30	266	89908	37.550	ng	98
70) Phenanthrene	11.52	178	760204	39.713	ng	99
71) Anthracene	11.57	178	858067	42.915	ng	100
72) Carbazole	11.73	167	791907	41.497	ng	99
73) Di-n-butylphthalate	12.03	149	929080	40.872	ng	99
74) Fluoranthene	12.71	202	826672	40.628	ng	98
76) Benzidine	12.84	184	357408	45.849	ng	99
77) Pyrene	12.94	202	828221	42.119	ng	99
79) Butylbenzylphthalate	13.54	149	384780	41.534	ng	98
80) Benzo(a)anthracene	14.13	228	662185	38.688	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	229375	40.486	ng	97
82) Chrysene	14.17	228	701489	41.844	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	487940	40.764	ng	100
84) Di-n-octyl phthalate	14.72	149	785319	38.140	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.26	276	570254	32.826	ng	96
87) Benzo(b)fluoranthene	15.22	252	534673	37.873	ng	97
88) Benzo(k)fluoranthene	15.26	252	633878	47.664	ng	99
89) Benzo(a)pyrene	15.62	252	528761	40.417	ng	99
90) Dibenzo(a,h)anthracene	17.28	278	480217	39.701	ng	96
91) Benzo(g,h,i)perylene	17.74	276	463779	38.280	ng	96

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

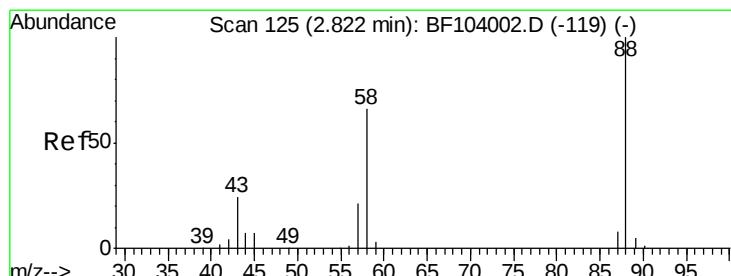
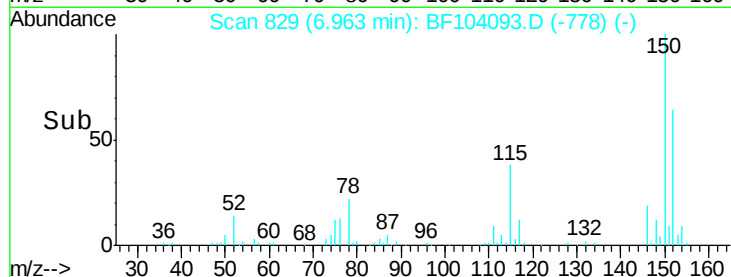
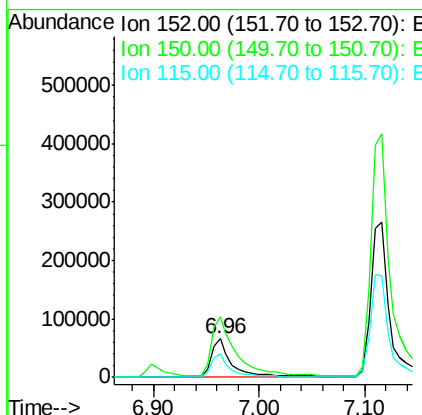
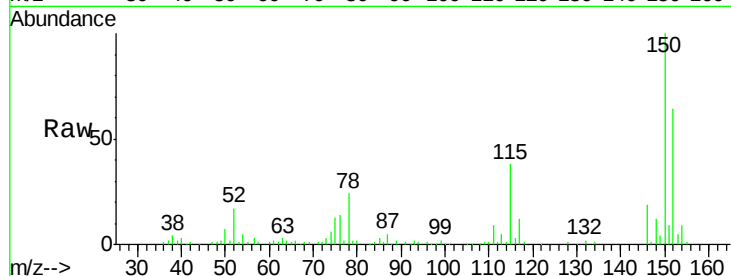


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :

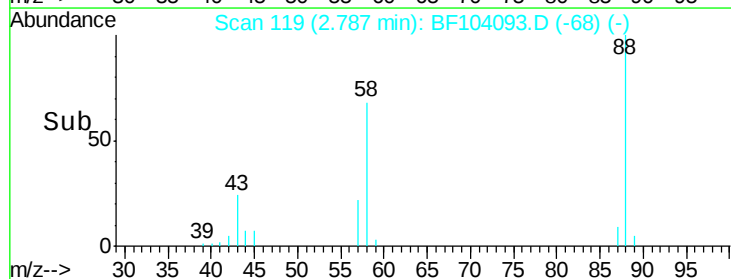
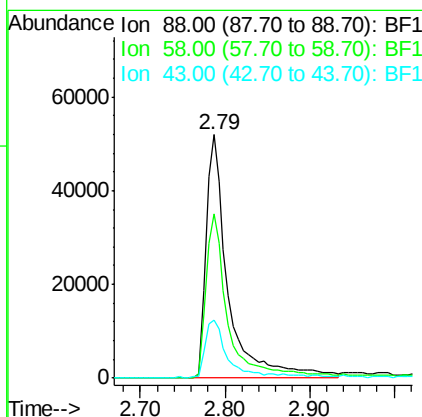
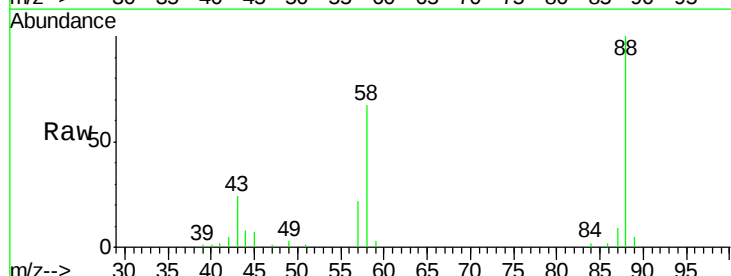
Tot Ion:152 Resp: 93364
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 59.7 50.1 75.1

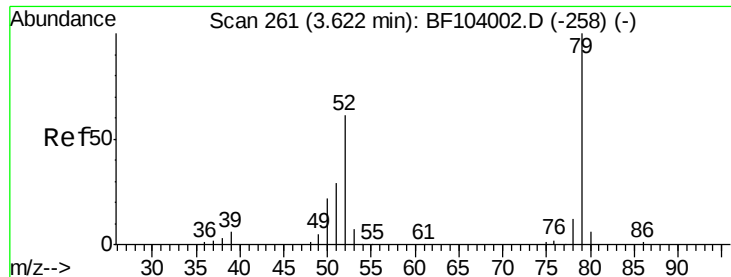


#2

1,4-Dioxane
 Concen: 37.736 ng
 RT: 2.79 min Scan# 119
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion: 88 Resp: 95282
 Ion Ratio Lower Upper
 88 100
 58 67.0 62.6 93.8
 43 24.7 24.6 37.0





#3

Pvridine

Concen: 29.849 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

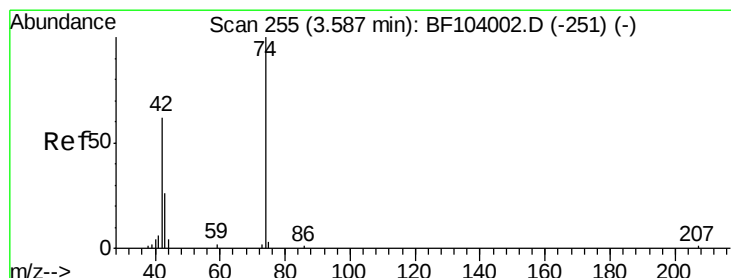
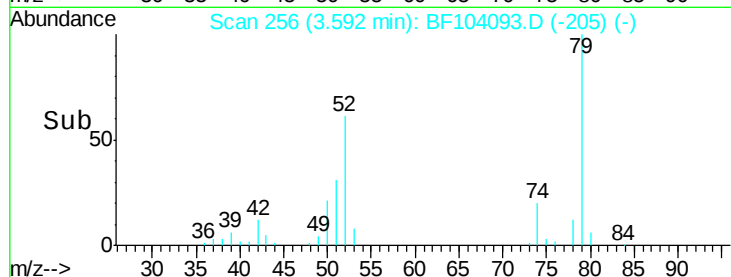
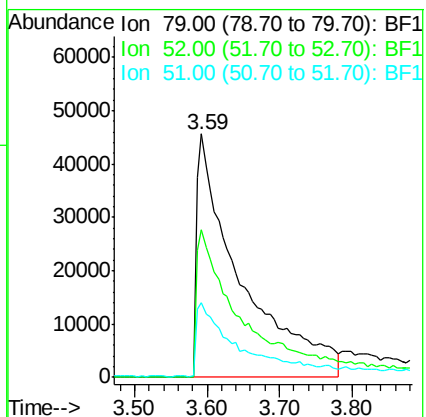
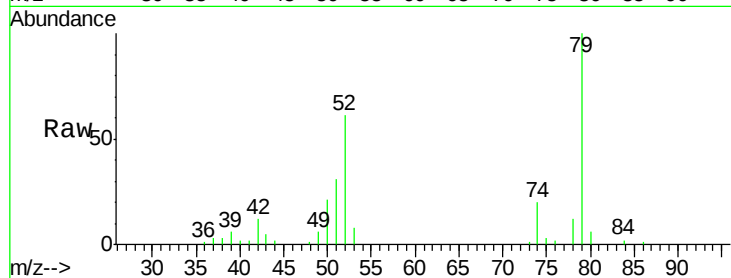
Tot Ion: 79 Resp: 190799

Ion Ratio Lower Upper

79 100

52 60.6 59.8 89.6

51 30.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 18.502 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

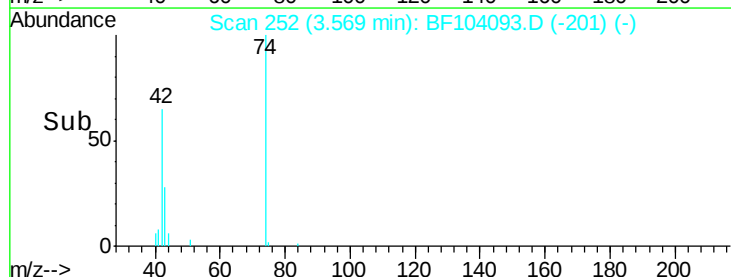
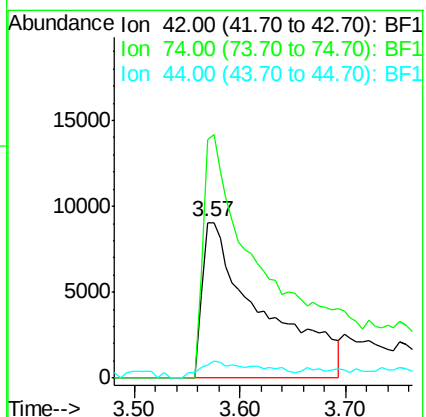
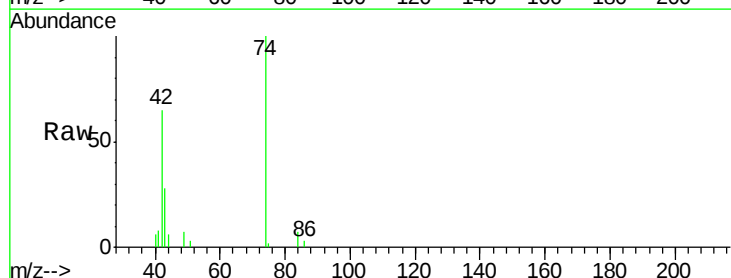
Tgt Ion: 42 Resp: 35154

Ion Ratio Lower Upper

42 100

74 153.2 104.9 157.3

44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 74.257 ng

RT: 5.58 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

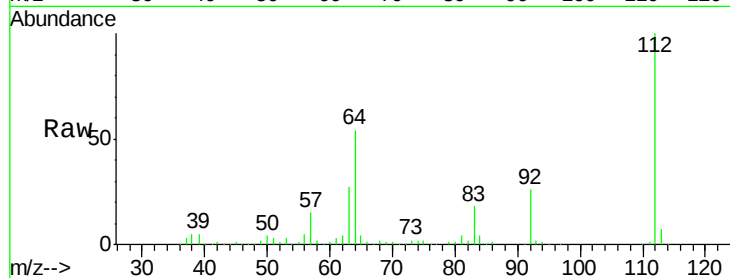
Tot Ion:112 Resp: 434733

Ion Ratio Lower Upper

112 100

64 54.0 47.9 71.9

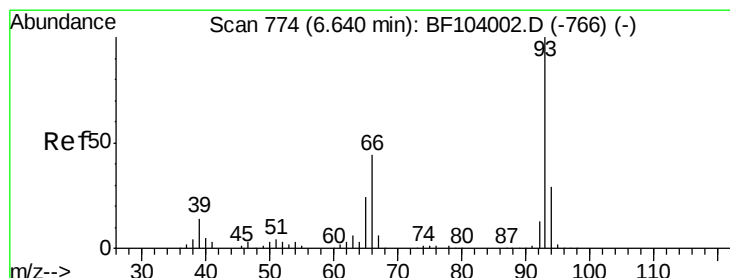
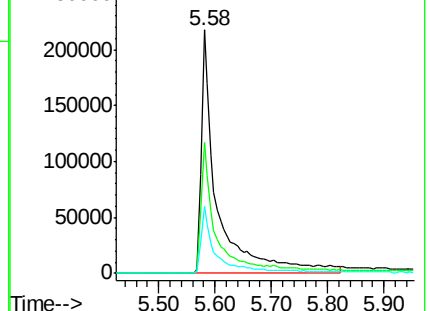
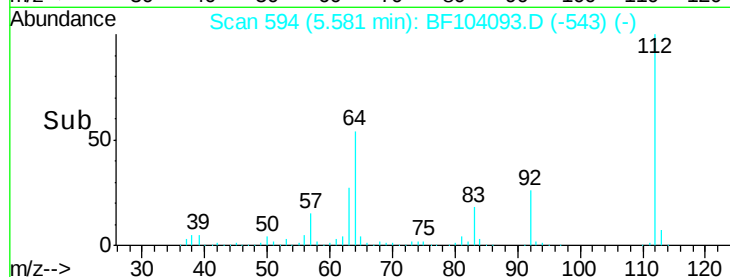
63 27.3 23.7 35.5



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: 39.211 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

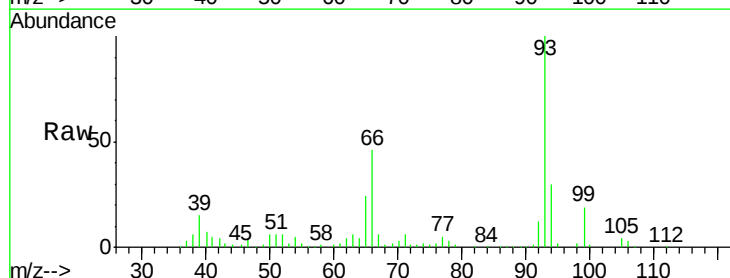
Tgt Ion: 93 Resp: 338104

Ion Ratio Lower Upper

93 100

66 46.1 32.2 48.2

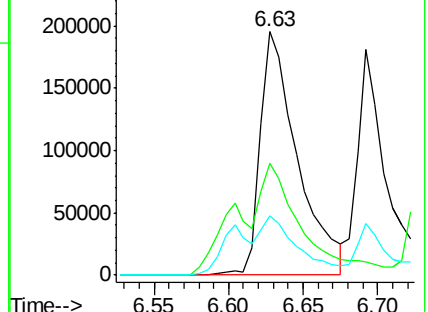
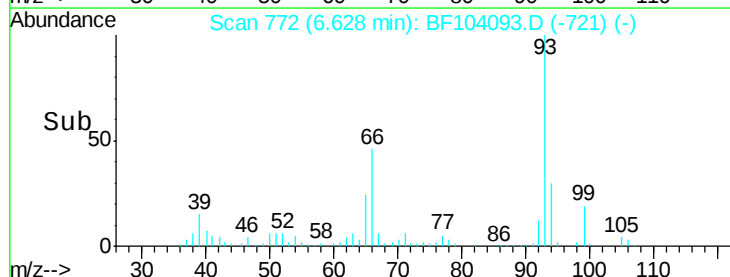
65 24.3 16.4 24.6

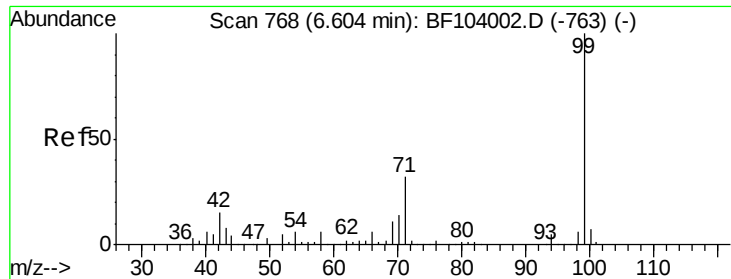


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.789 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampled :

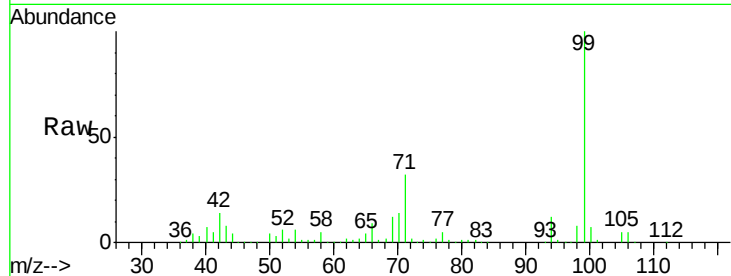
Tot Ion: 99 Resp: 574698

Ion Ratio Lower Upper

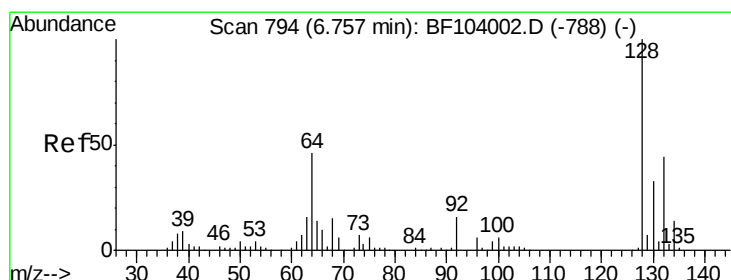
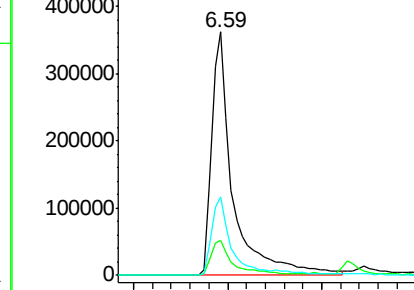
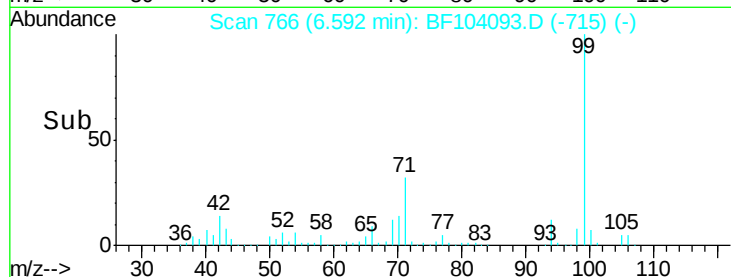
99 100

42 14.5 14.5 21.7#

71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.532 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

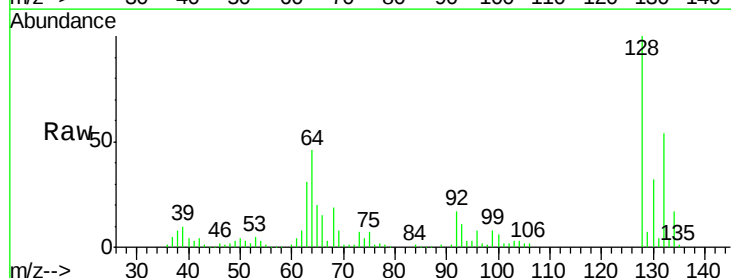
Tgt Ion: 128 Resp: 260298

Ion Ratio Lower Upper

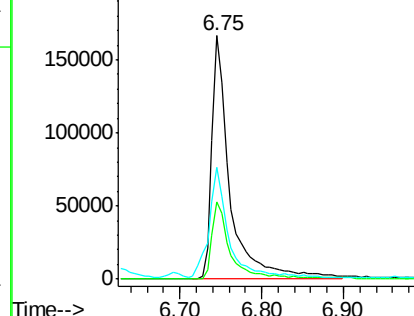
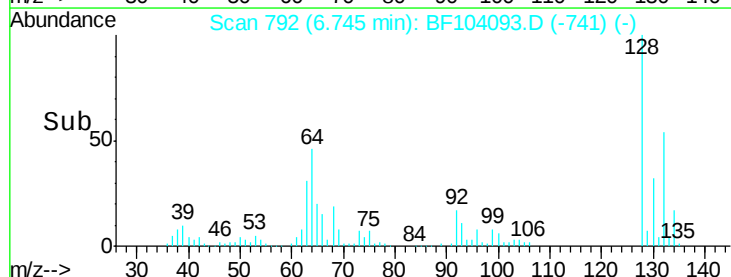
128 100

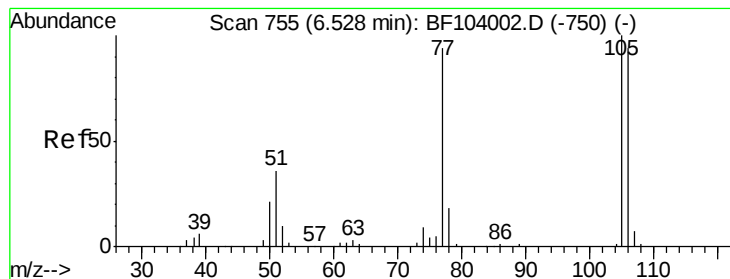
130 31.5 13.0 53.0

64 46.0 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: 43.458 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampled :

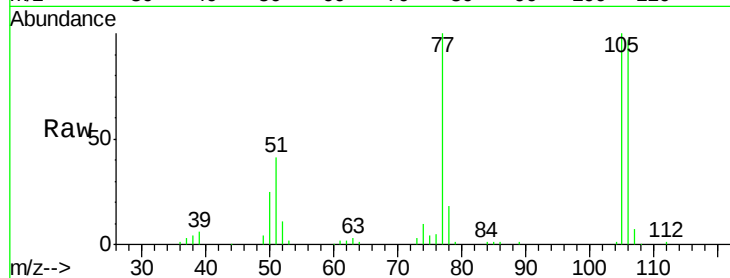
Tot Ion: 77 Resp: 157270

Ion Ratio Lower Upper

77 100

105 99.7 81.1 121.1

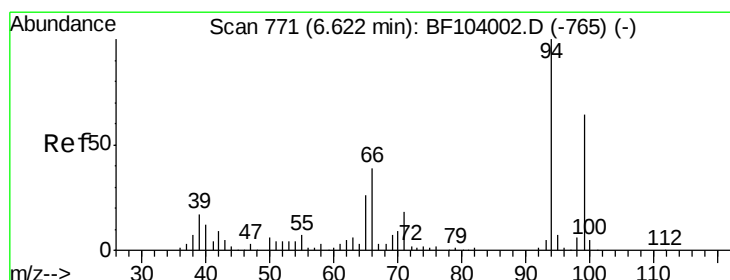
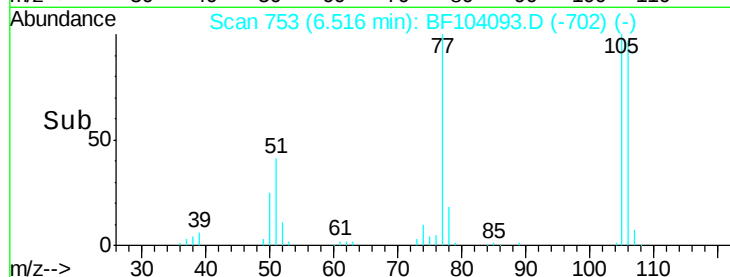
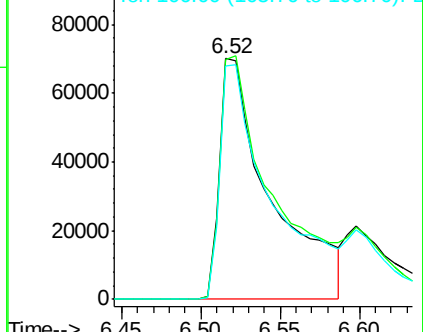
106 97.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.691 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

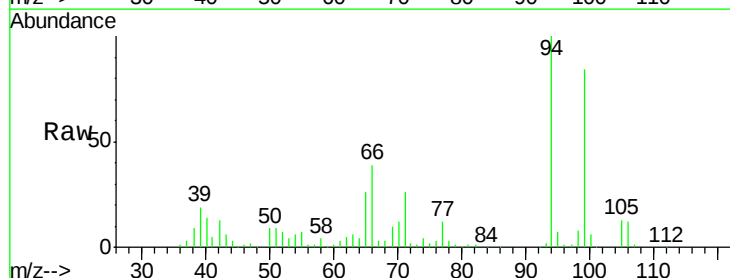
Tgt Ion: 94 Resp: 300798

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

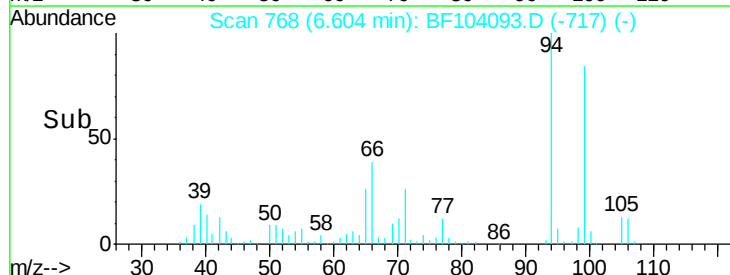
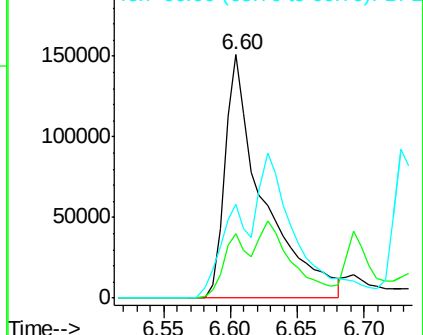
66 38.5 16.2 56.2

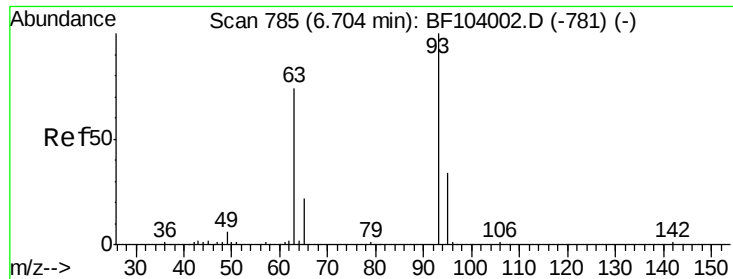


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

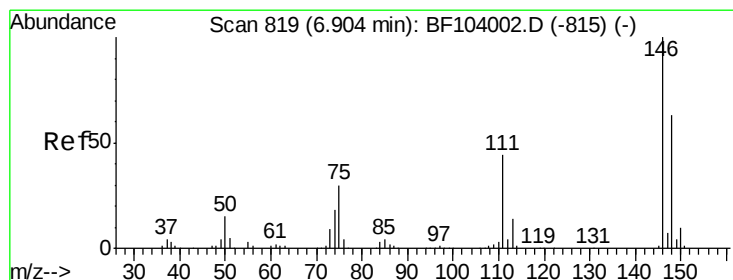
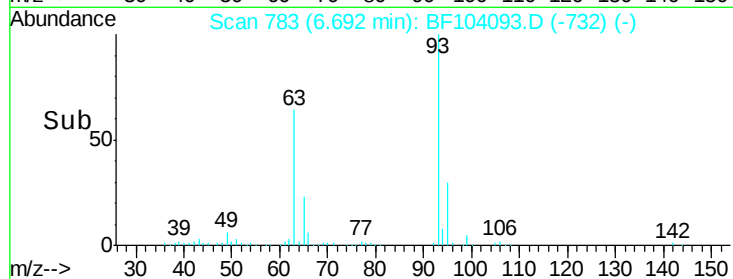
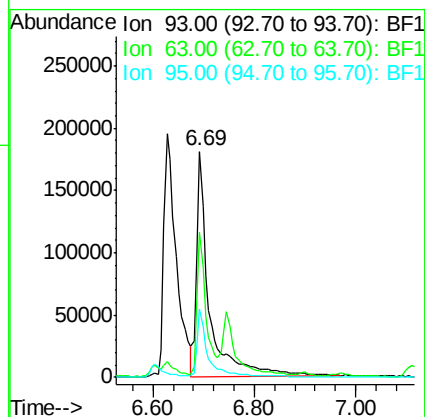
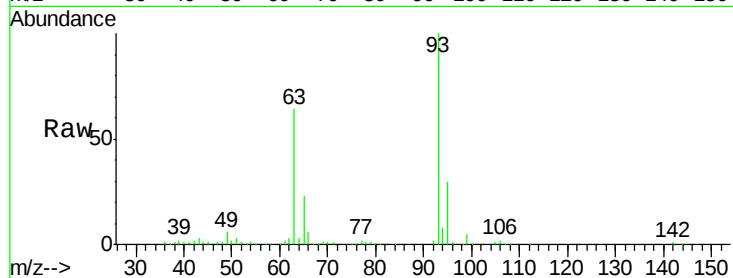




#11
bis(2-Chloroethyl)ether
Concen: 45.725 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

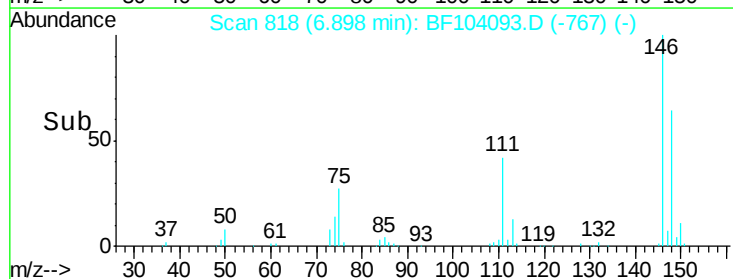
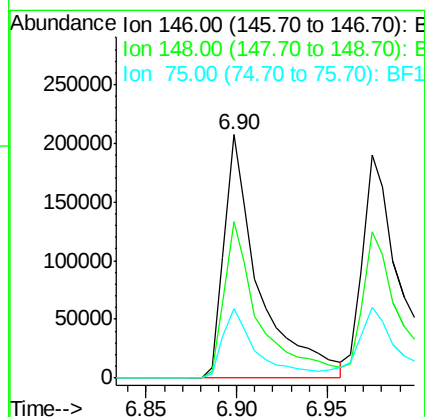
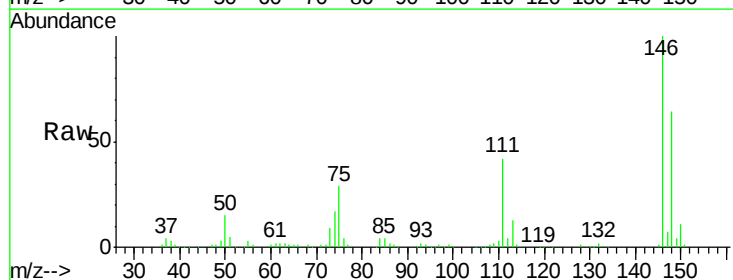
Instrument :
BNA_F
ClientSampleId :

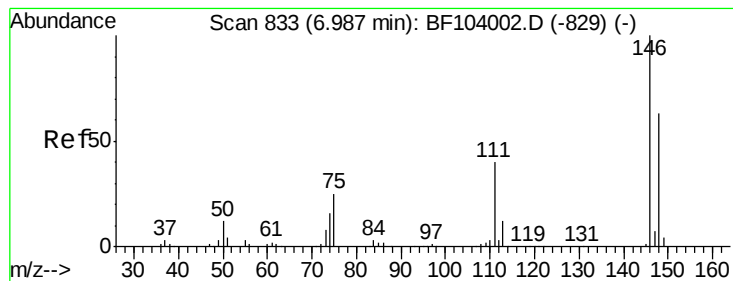
Tot Ion: 93 Resp: 314458
Ion Ratio Lower Upper
93 100
63 64.2 58.6 98.6
95 30.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.643 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion: 146 Resp: 278959
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 28.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.276 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

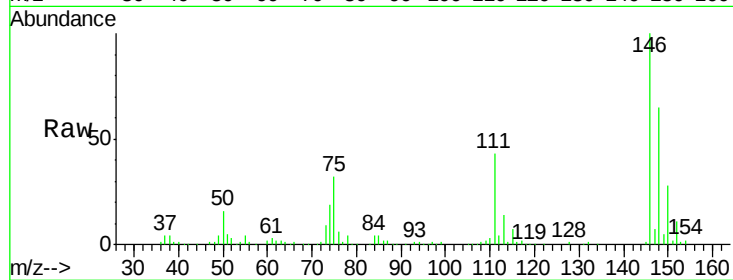
Tot Ion:146 Resp: 327013

Ion Ratio Lower Upper

146 100

148 65.4 50.8 76.2

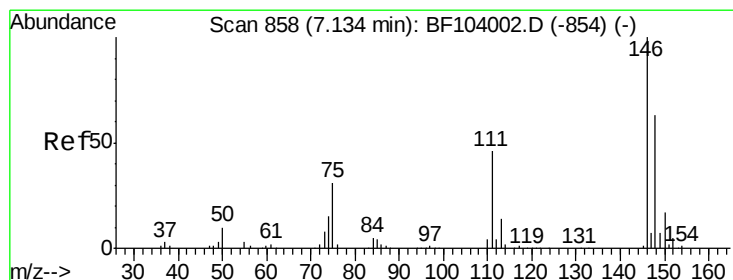
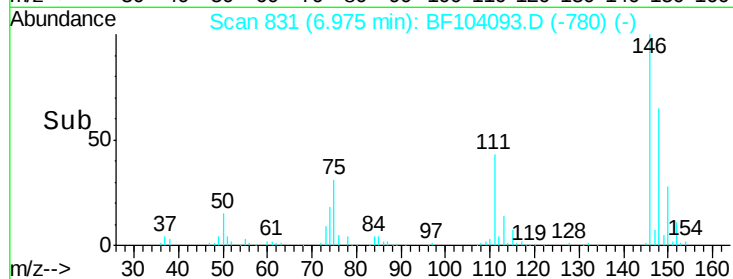
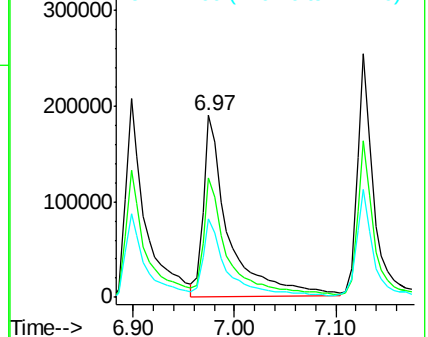
111 42.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.688 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

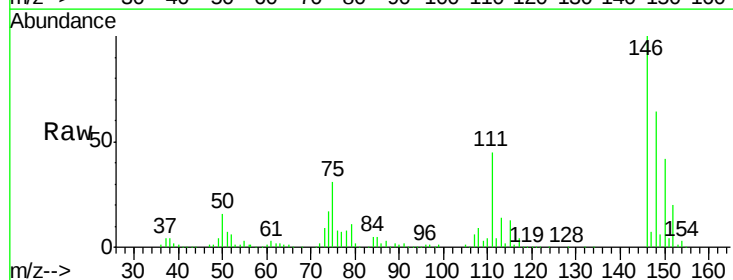
Tgt Ion:146 Resp: 282884

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

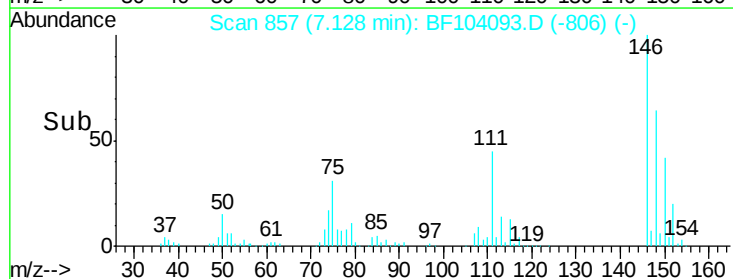
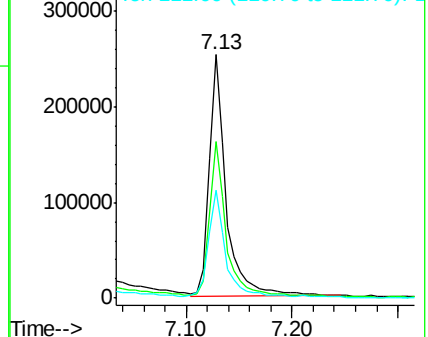
111 44.6 36.0 54.0

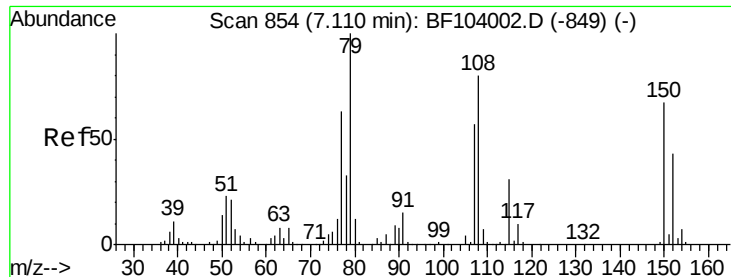


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

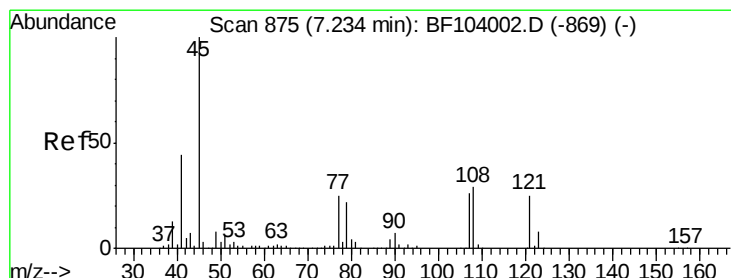
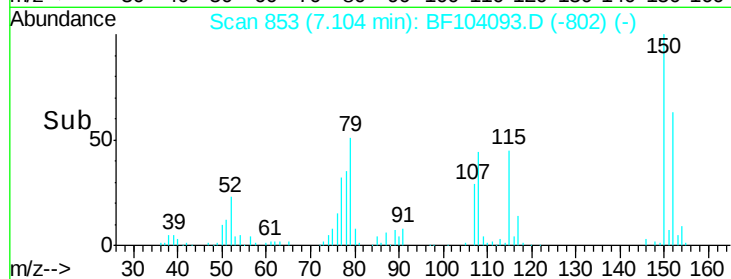
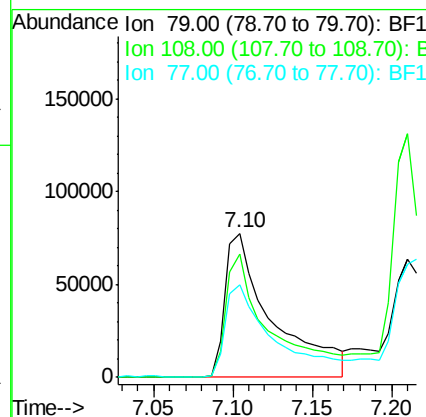
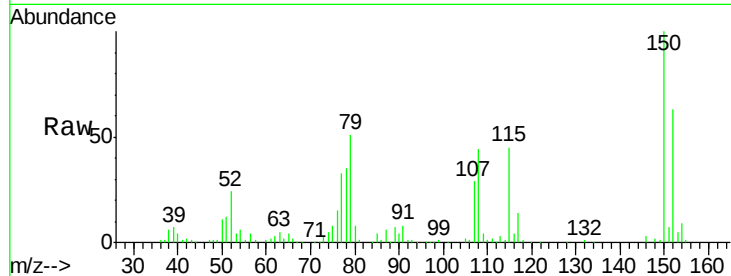




#15
Benzyl Alcohol
Concen: 34.350 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

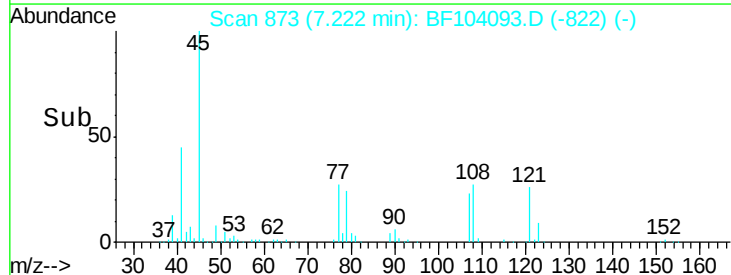
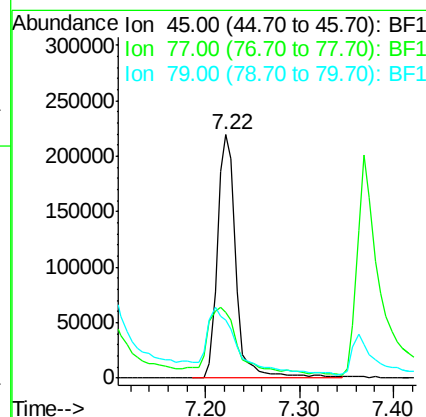
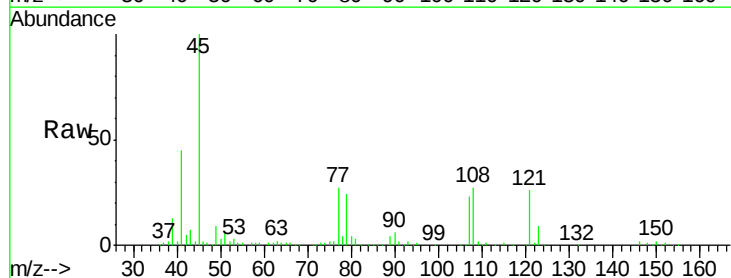
Instrument :
BNA_F
ClientSampleId :

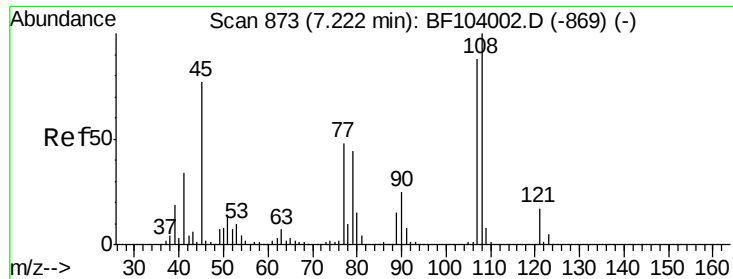
Tot Ion: 79 Resp: 160867
Ion Ratio Lower Upper
79 100
108 85.3 65.1 97.7
77 64.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.639 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion: 45 Resp: 304474
Ion Ratio Lower Upper
45 100
77 27.0 0.0 32.9
79 23.7 0.0 29.6

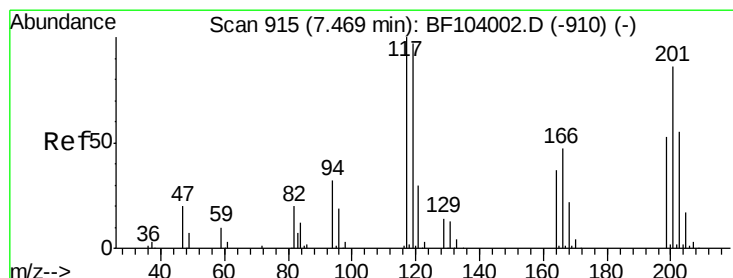
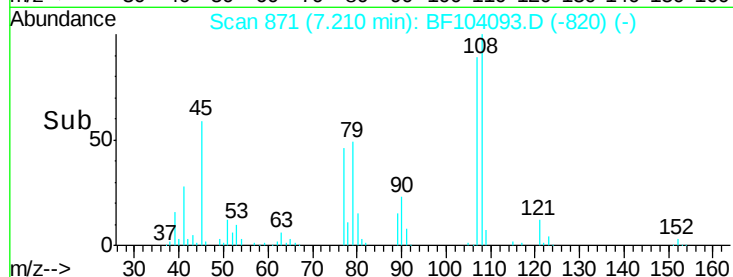
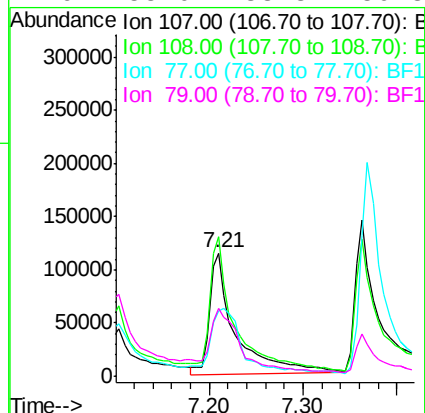
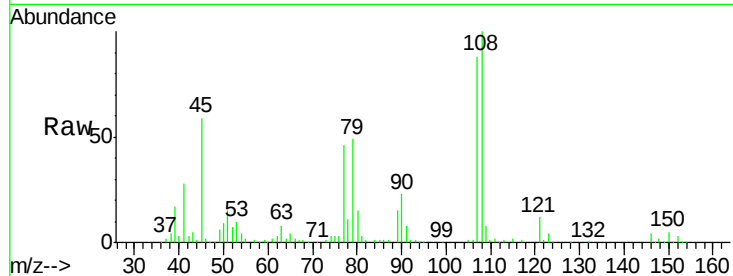




#17
2-Methylphenol
Concen: 41.518 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

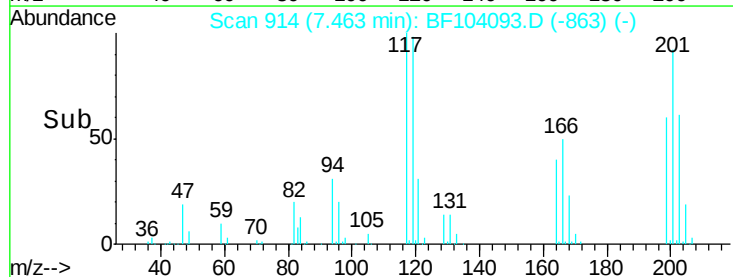
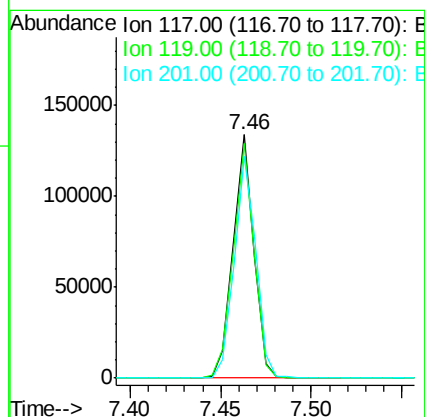
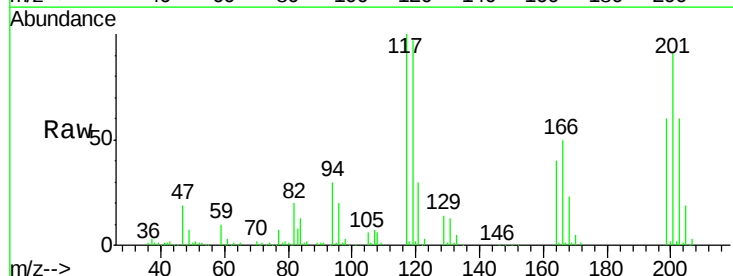
Instrument :
BNA_F
ClientSampled :

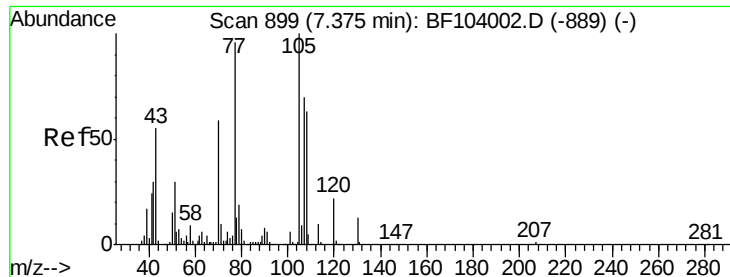
Tot Ion:107 Resp: 217010
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 52.5 33.8 50.8#
79 55.0 33.8 50.8#



#18
Hexachloroethane
Concen: 41.681 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:117 Resp: 107947
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 91.3 75.7 113.5

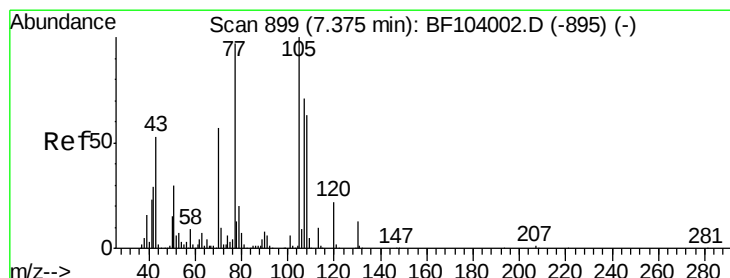
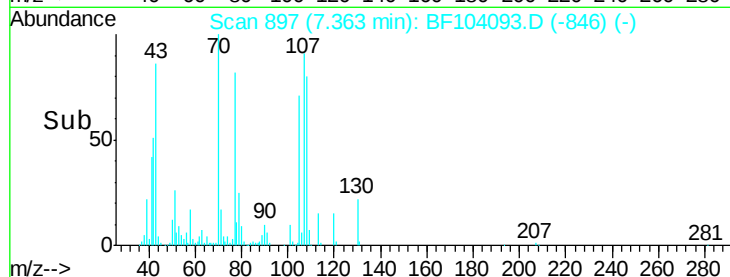
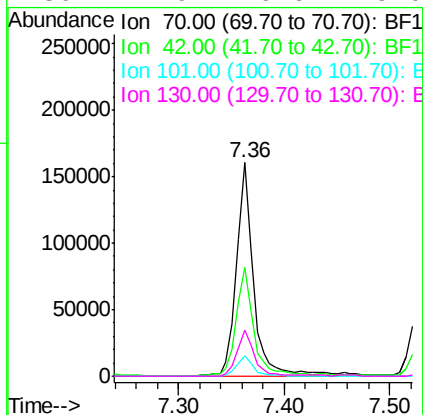
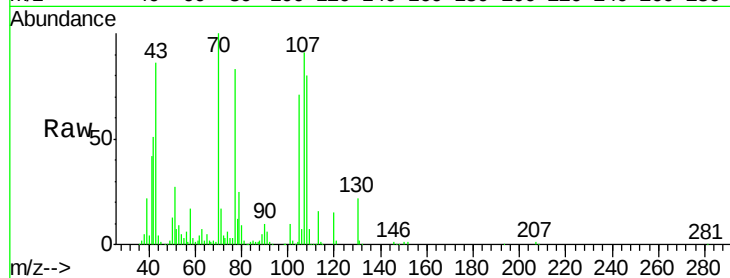




#19
n-Nitroso-di-n-propylamine
Concen: 42.104 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

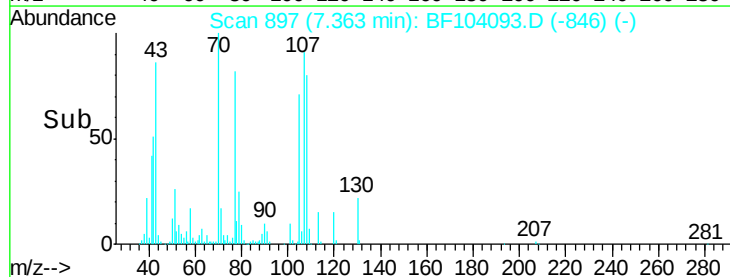
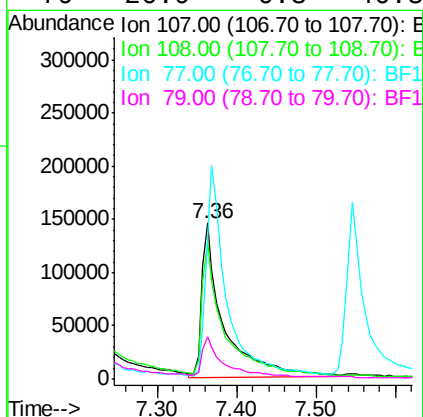
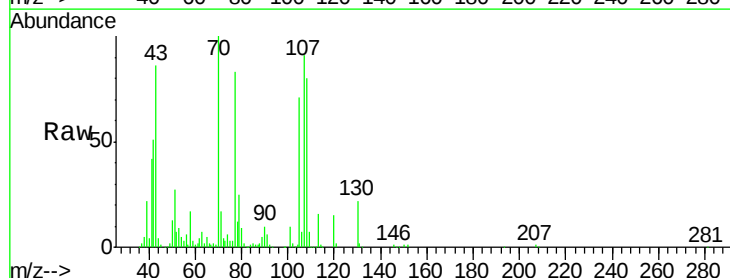
Instrument :
BNA_F
ClientSampled :

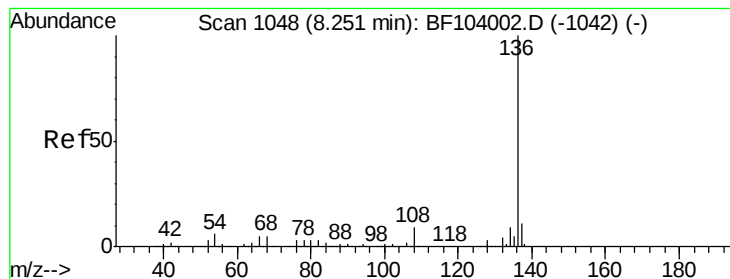
Tot Ion: 70 Resp: 179976
Ion Ratio Lower Upper
70 100
42 50.8 47.5 71.3
101 9.8 7.4 11.2
130 21.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.002 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion: 107 Resp: 286860
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 90.4 26.7 66.7#
79 26.9 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 395889

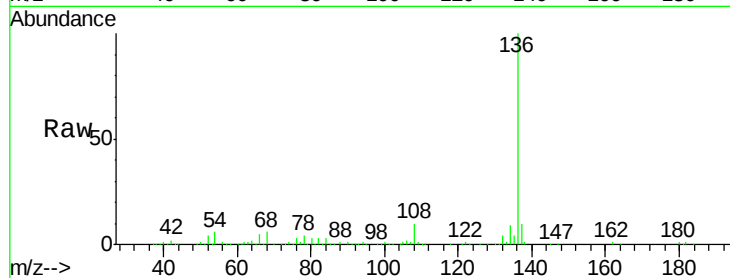
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.4 6.6 9.8#

68 5.9 5.0 7.4

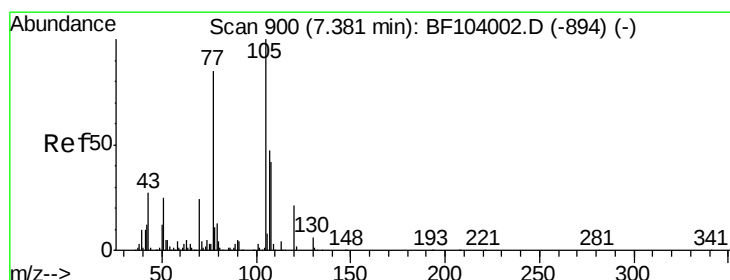
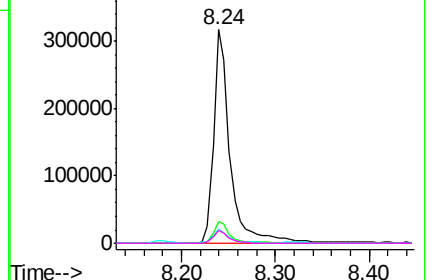
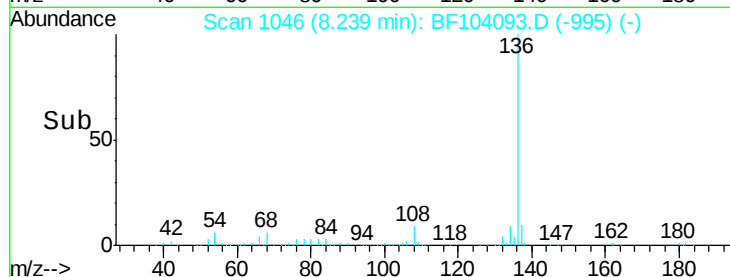


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.644 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Tgt Ion:105 Resp: 408465

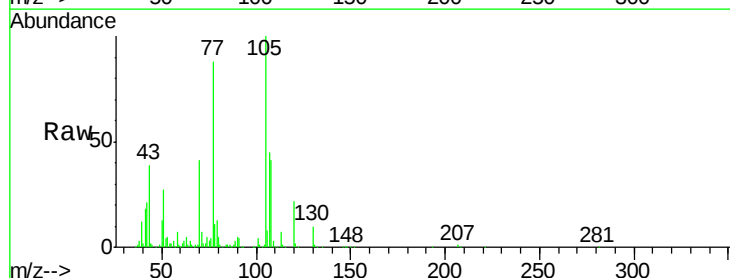
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 27.0 22.3 33.5

120 21.6 16.9 25.3

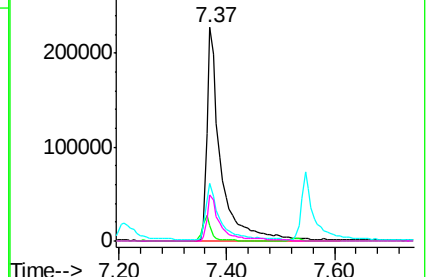
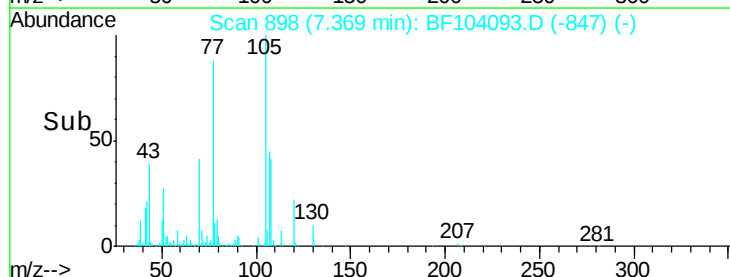


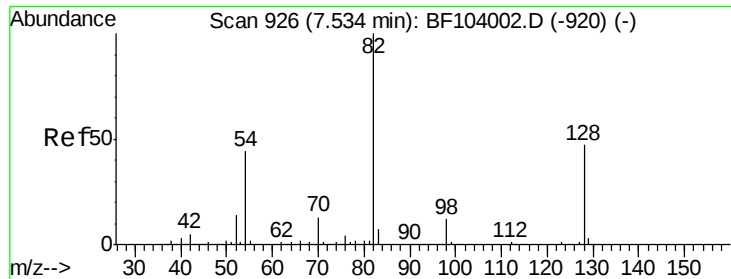
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

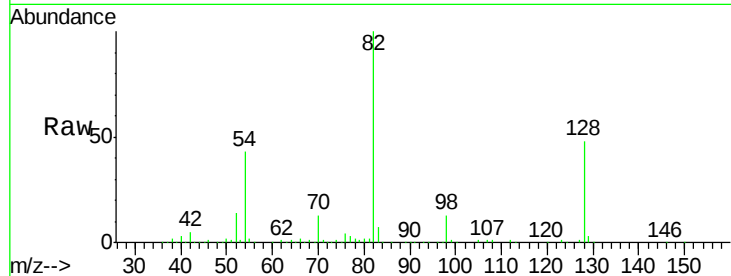




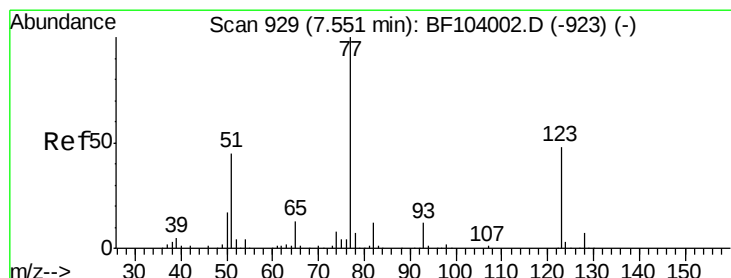
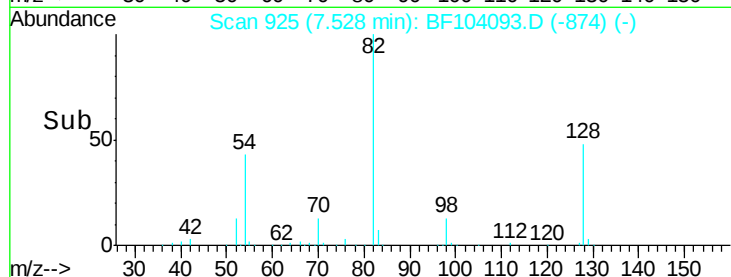
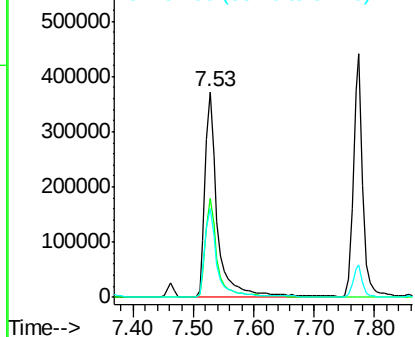
#23
 Nitrobenzene-d5
 Concen: 83.684 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	541726
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	43.1	41.4	62.2

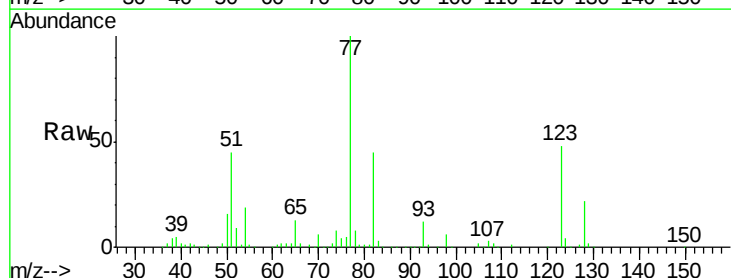


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

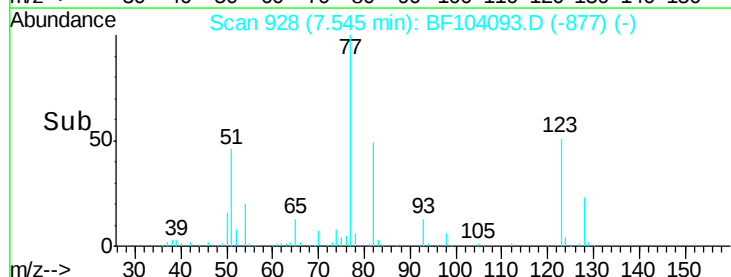
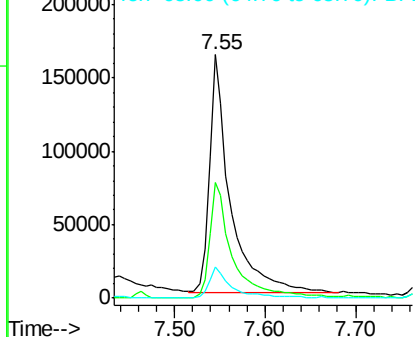


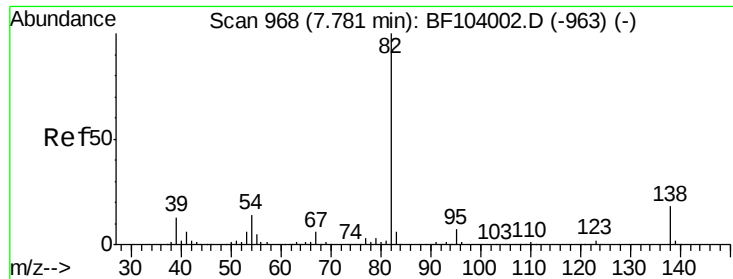
#24
 Nitrobenzene
 Concen: 38.110 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion	77	Resp	259576
Ion Ratio	Lower	Upper	
77	100		
123	47.6	37.9	56.9
65	12.6	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

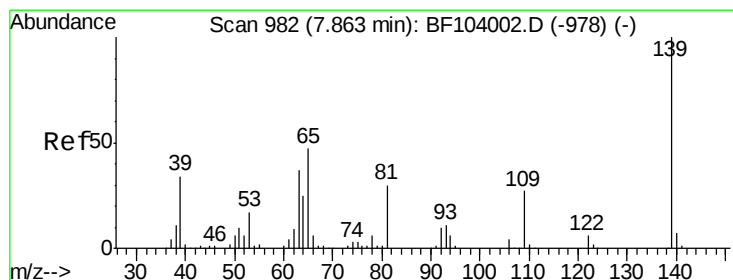
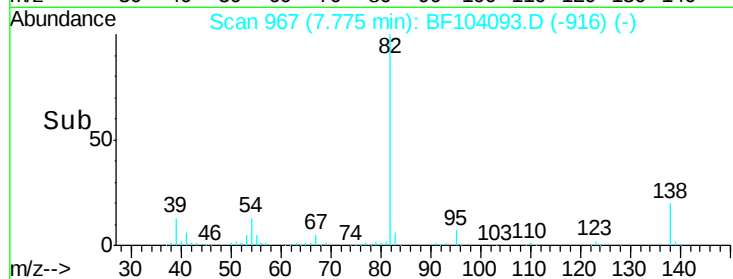
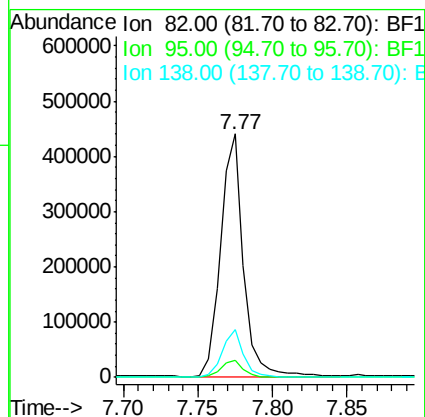
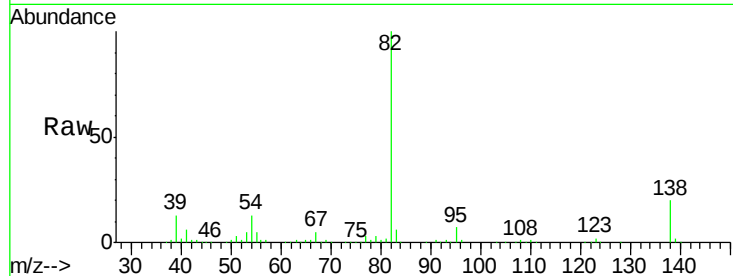




#25
Isophorone
Concen: 39.662 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

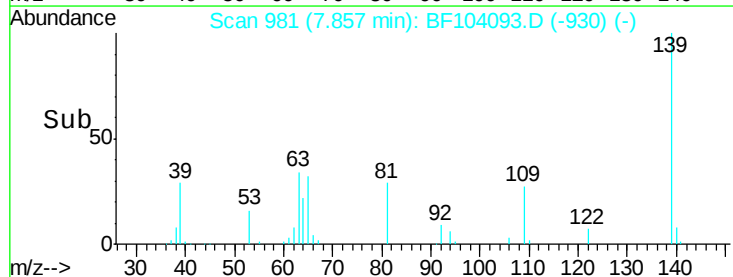
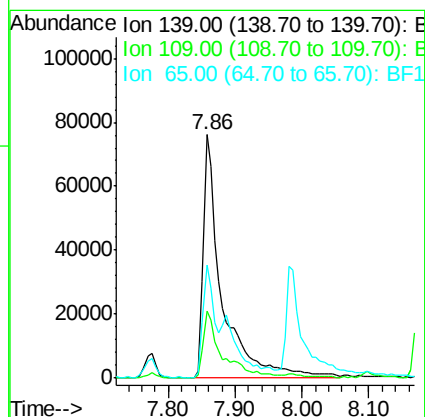
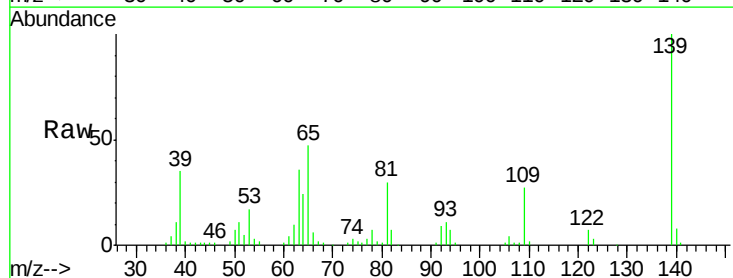
Instrument :
BNA_F
ClientSampleId :

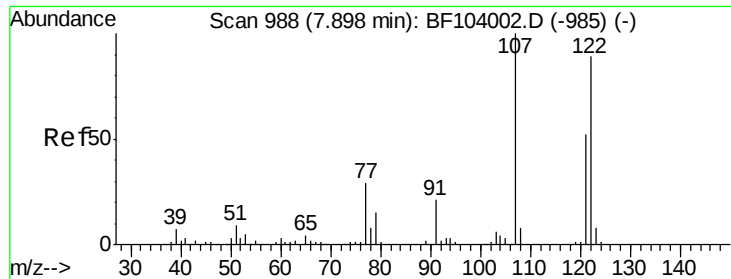
Tot Ion: 82 Resp: 473173
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 19.6 14.9 22.3



#26
2-Nitrophenol
Concen: 41.148 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion: 139 Resp: 146296
Ion Ratio Lower Upper
139 100
109 27.3 22.7 34.1
65 46.7 40.5 60.7

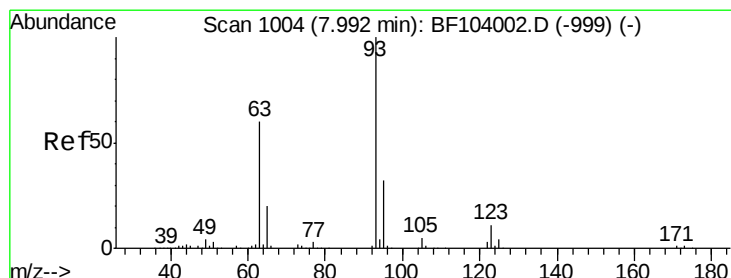
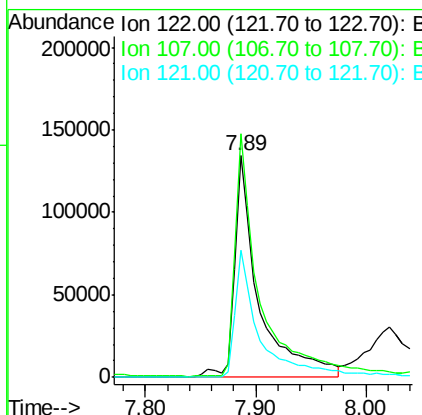
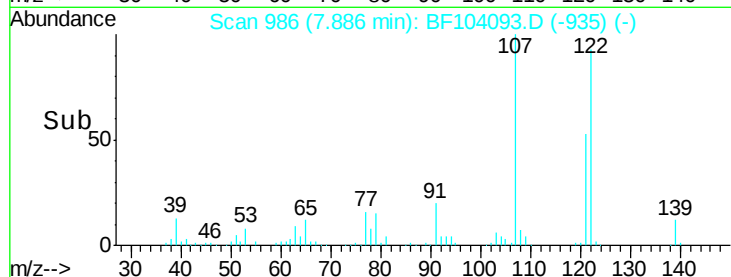
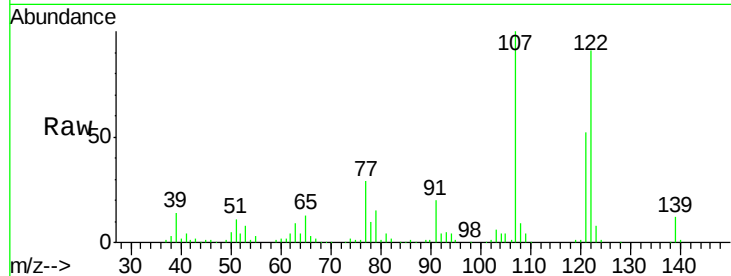




#27
2,4-Dimethylphenol
Concen: 40.541 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

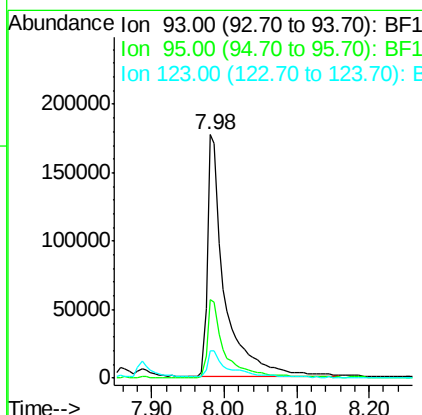
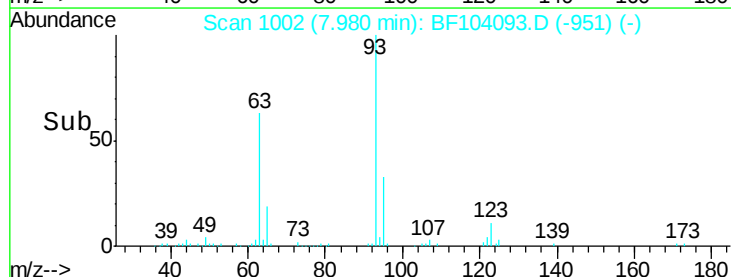
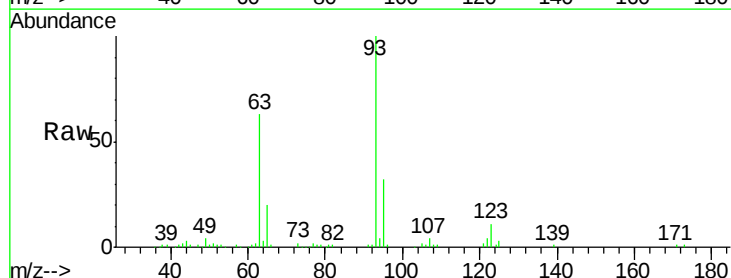
Instrument :
BNA_F
ClientSampleId :

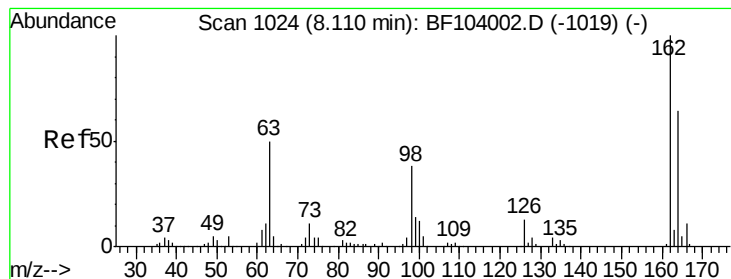
Tot Ion:122 Resp: 207877
Ion Ratio Lower Upper
122 100
107 109.9 91.2 136.8
121 57.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.230 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion: 93 Resp: 293324
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 11.5 9.8 14.6

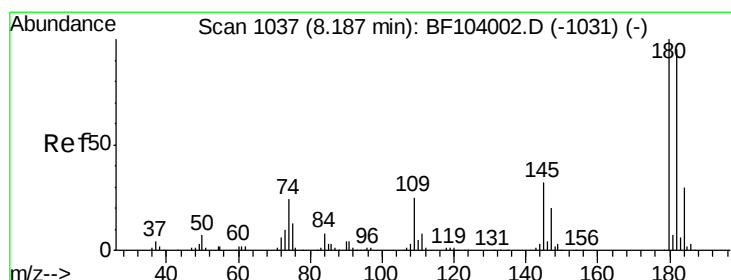
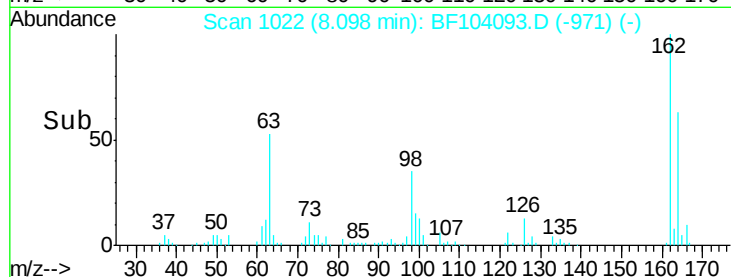
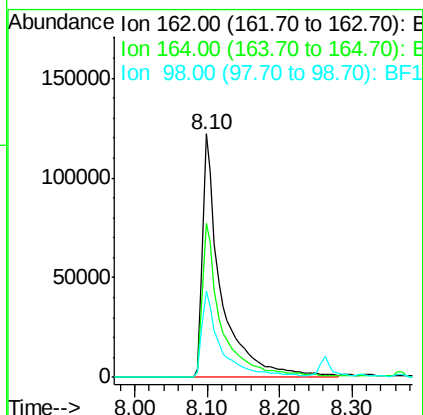
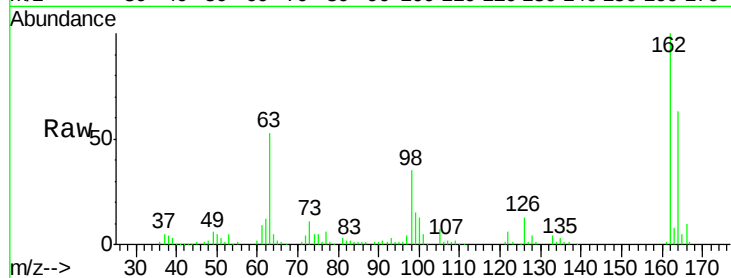




#29
 2,4-Dichlorophenol
 Concen: 40.809 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

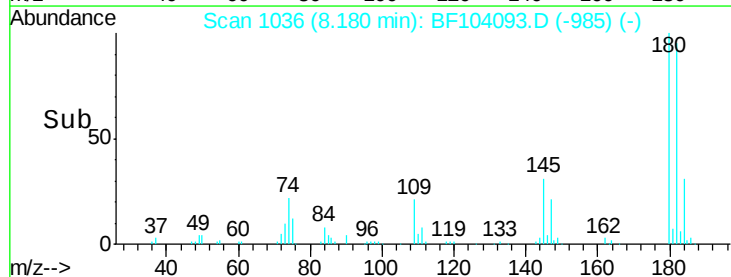
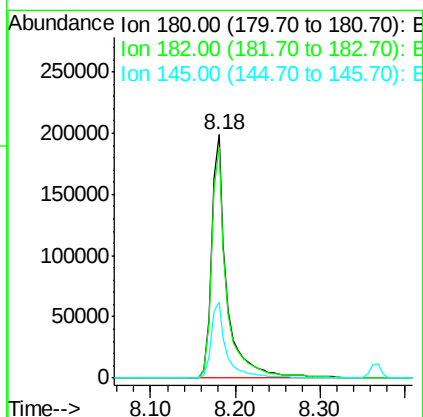
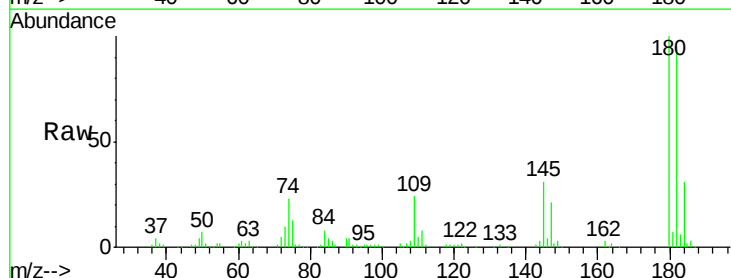
Instrument :
 BNA_F
 ClientSampleId :

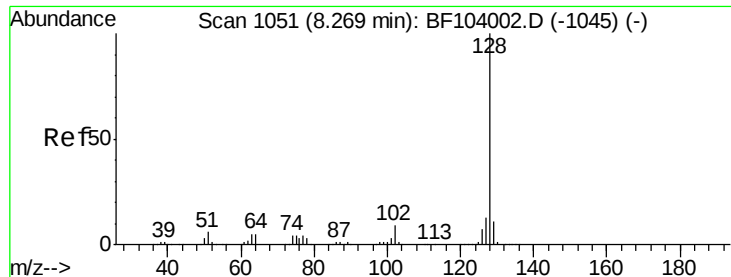
Tot Ion:162 Resp: 218565
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 35.3 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.747 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:180 Resp: 253684
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.8 115.2
 145 31.4 26.5 39.7

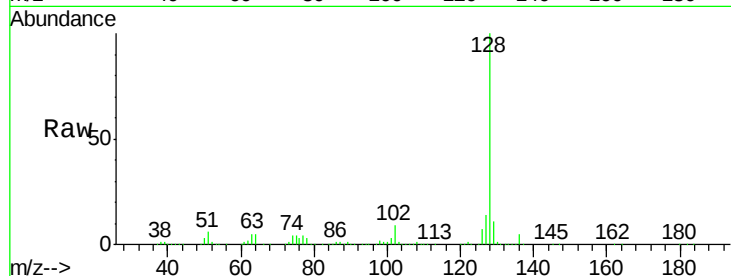




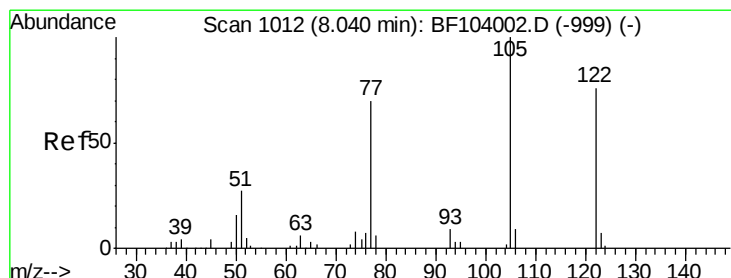
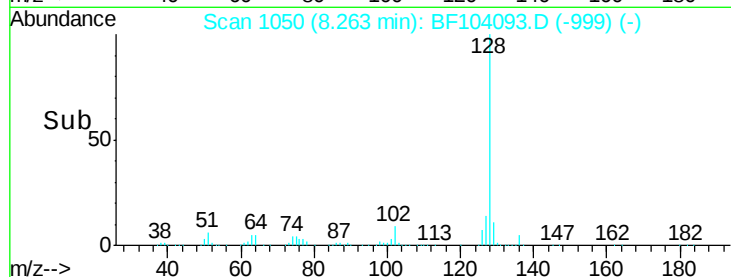
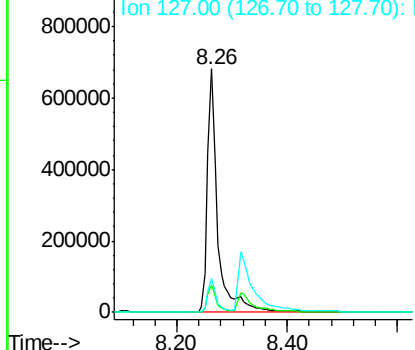
#31
Naphthalene
Concen: 44.638 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 863327
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.9 16.3

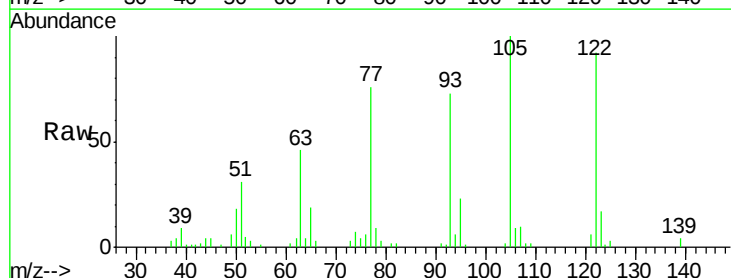


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

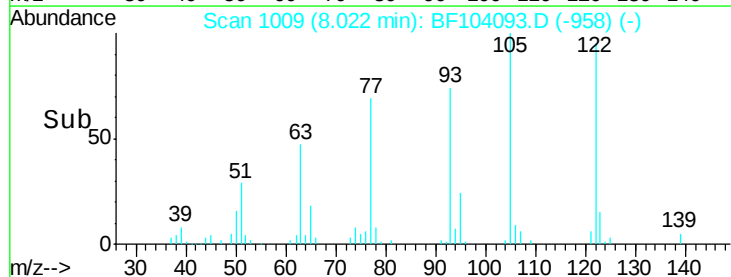
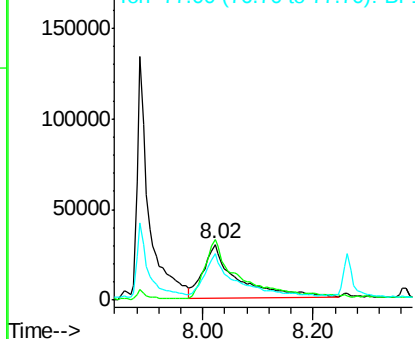


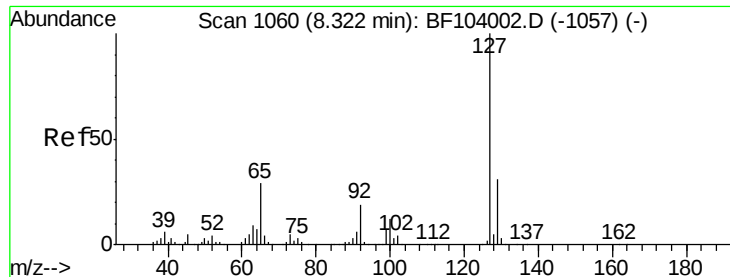
#32
Benzoic acid
Concen: 33.732 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:122 Resp: 126709
Ion Ratio Lower Upper
122 100
105 109.0 101.1 141.1
77 82.5 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

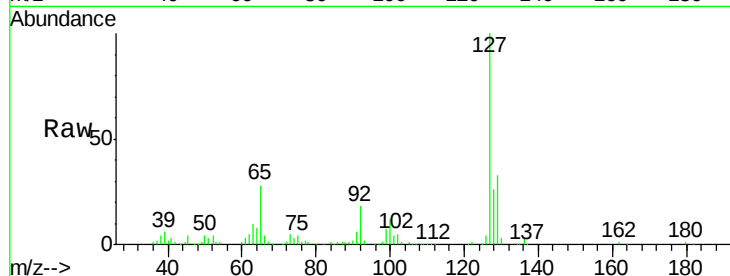




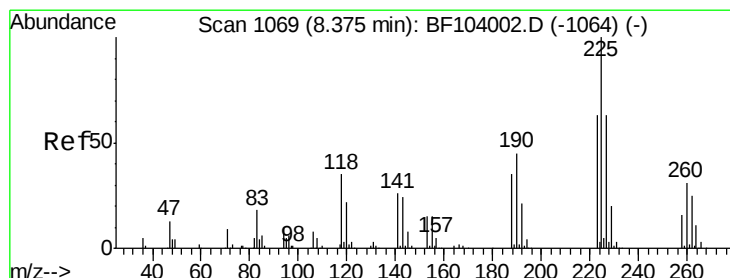
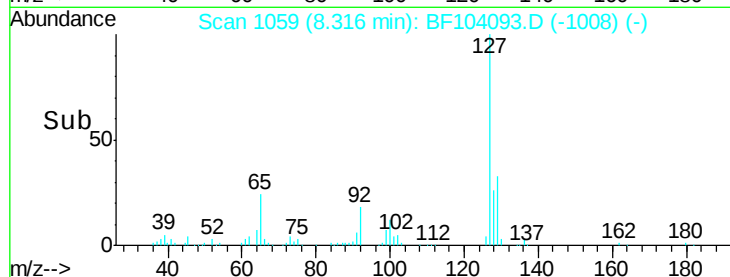
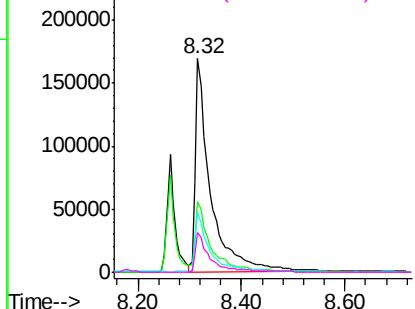
#33
4-Chloroaniline
Concen: 42.006 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	342506
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	28.0	25.0	37.4
92	18.3	15.2	22.8

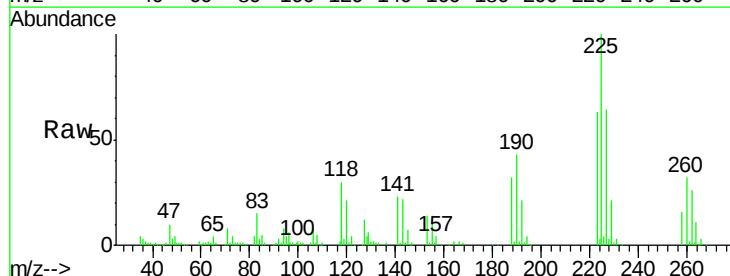


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

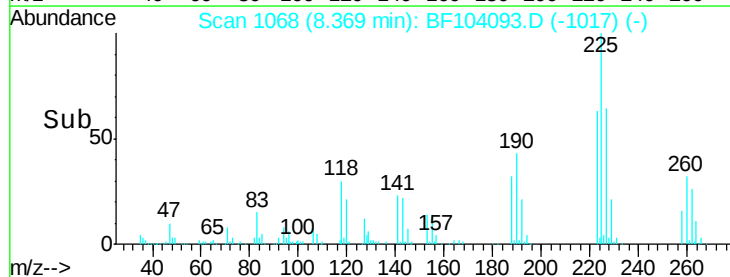
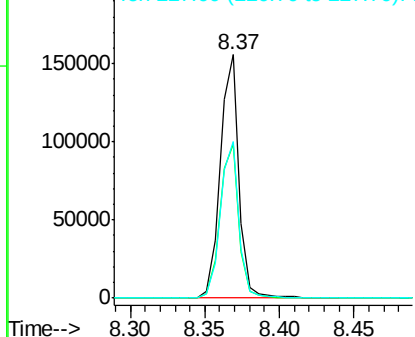


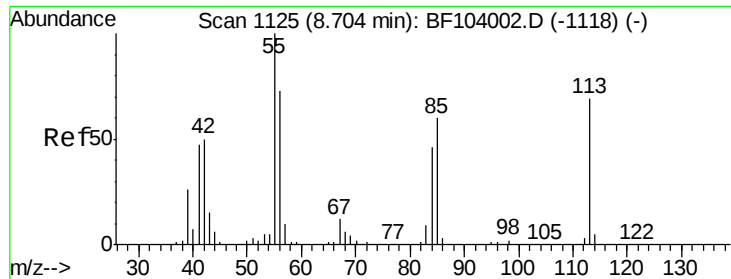
#34
Hexachlorobutadiene
Concen: 41.358 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:	225	Resp:	136763
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.3	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: 37.615 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

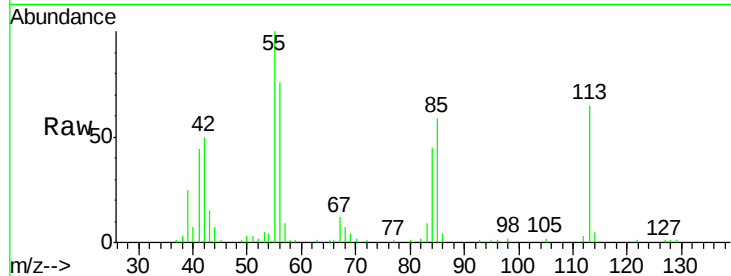
Tot Ion:113 Resp: 63879

Ion Ratio Lower Upper

113 100

55 153.0 163.3 203.3#

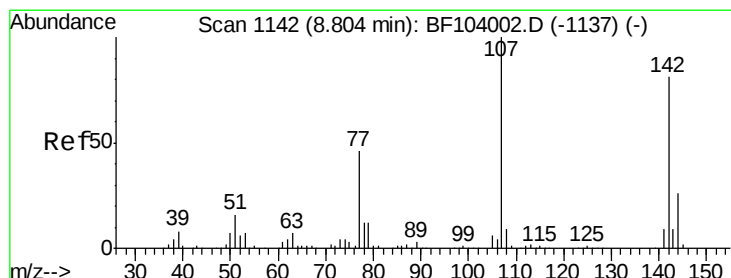
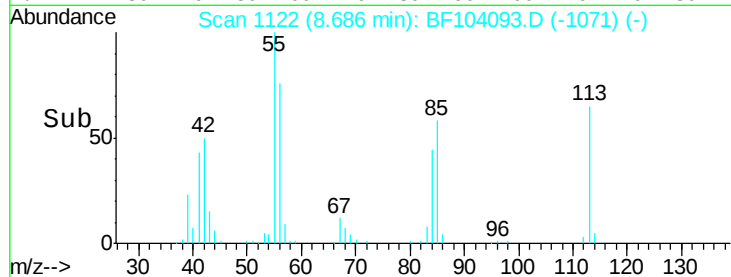
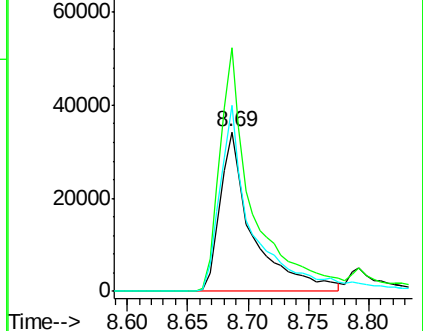
56 116.6 115.7 155.7



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: 41.400 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

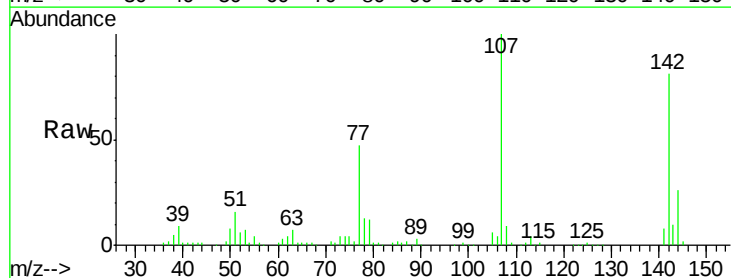
Tgt Ion:107 Resp: 234524

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

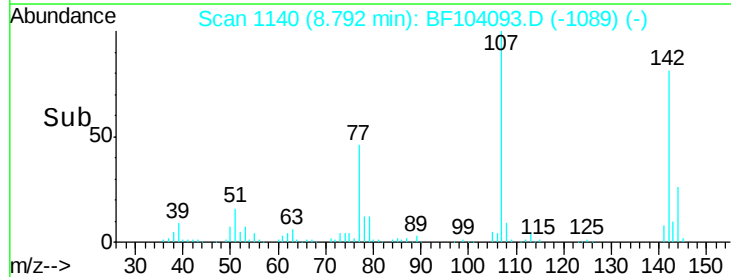
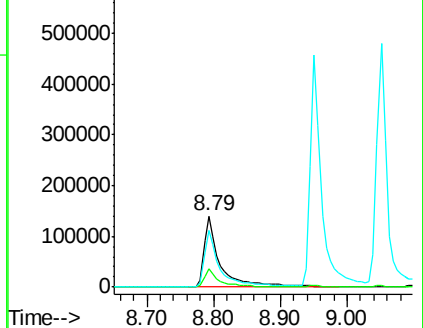
142 80.6 62.0 93.0

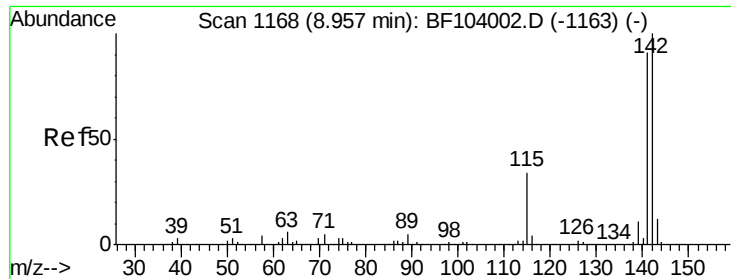


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

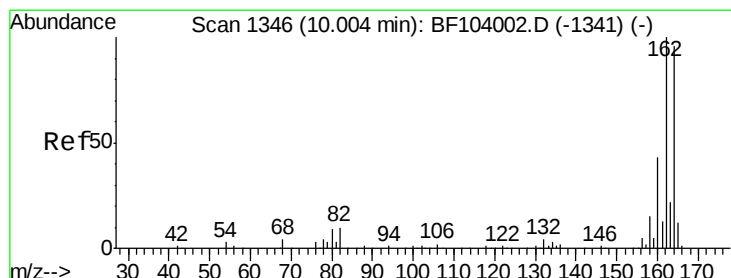
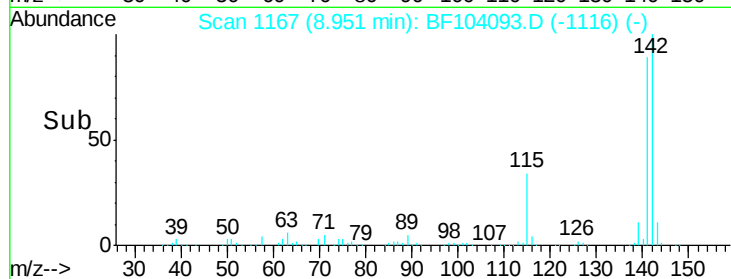
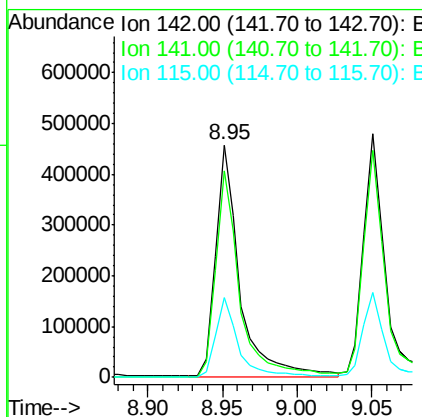
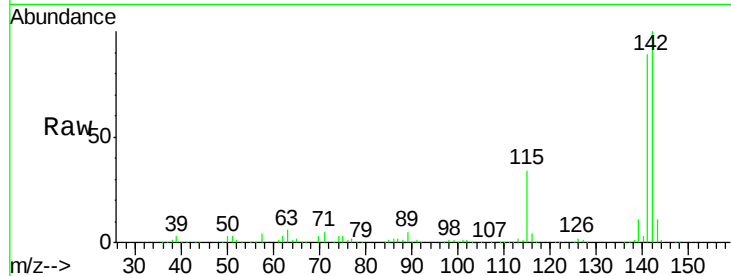




#37
 2-Methylnaphthalene
 Concen: 40.732 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

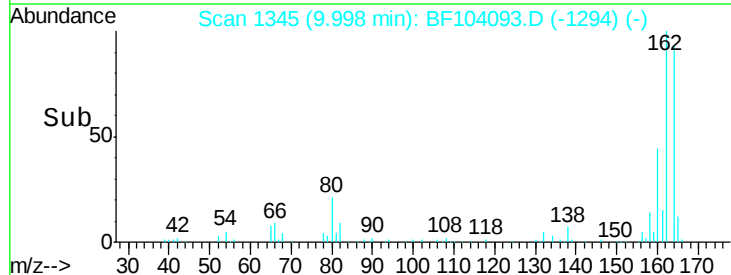
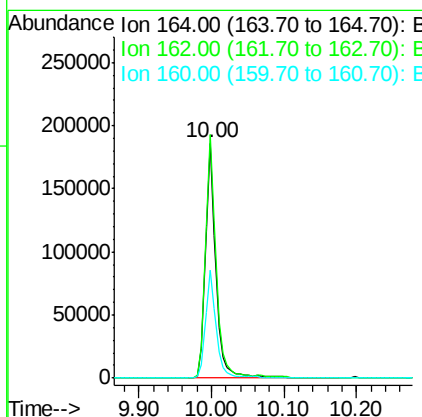
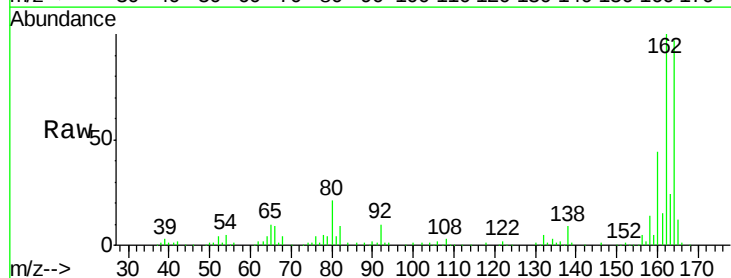
Instrument :
 BNA_F
 ClientSampleId :

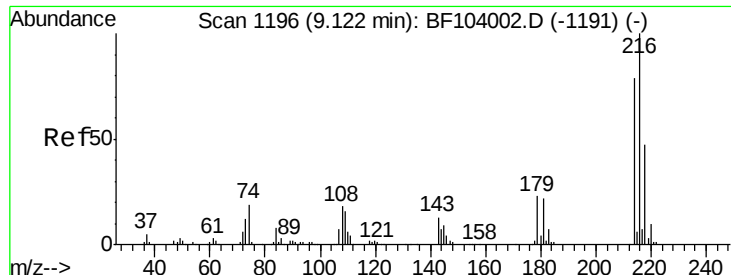
Tot Ion:142 Resp: 518914
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.8 106.2
 115 34.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:164 Resp: 190913
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 45.6 38.3 57.5

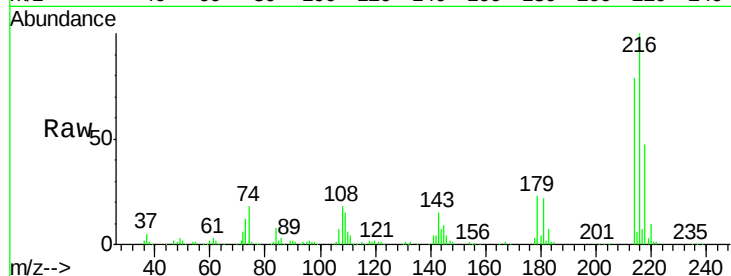




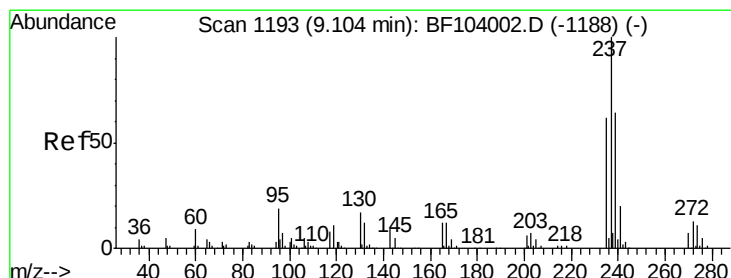
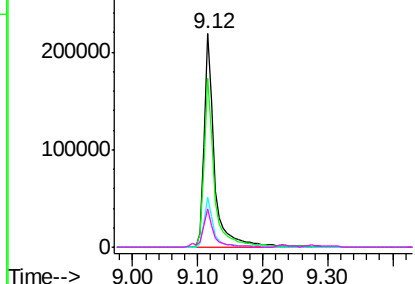
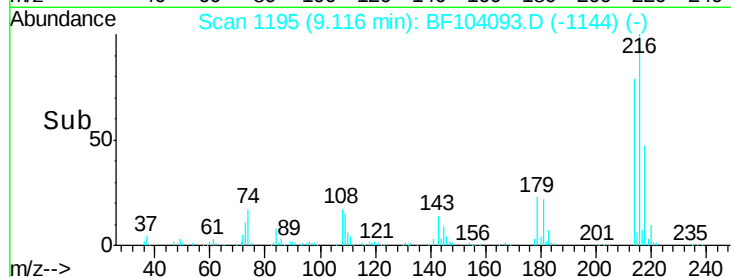
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.475 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	242809
Ion Ratio	Lower	Upper
216	100	
214	78.1	63.0 94.4
179	21.8	18.1 27.1
108	17.9	17.2 25.8

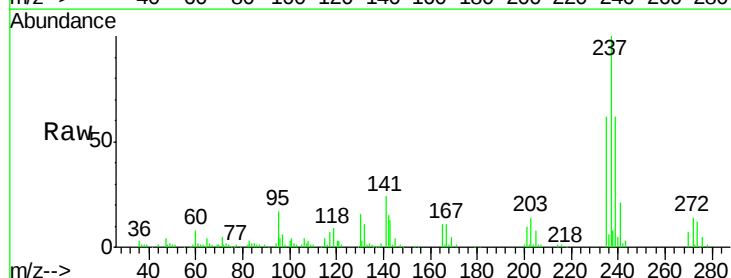


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

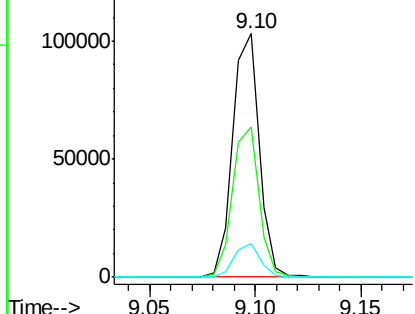
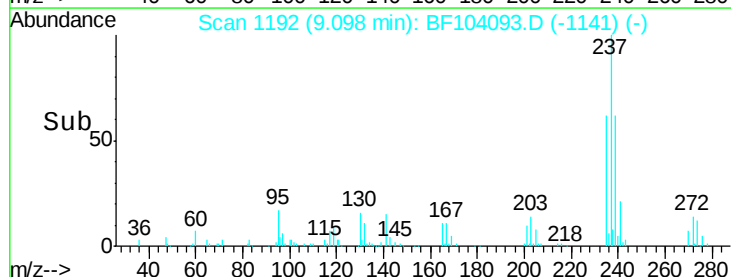


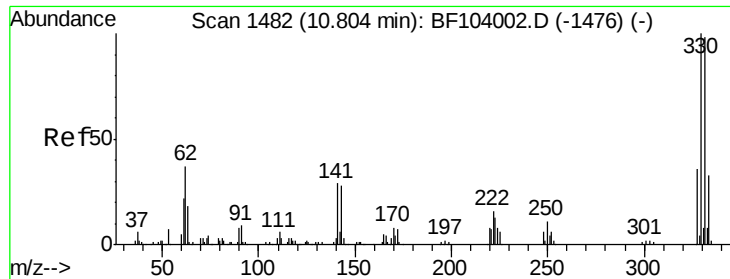
#40
 Hexachlorocyclopentadiene
 Concen: 35.589 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:237	Resp:	89237
Ion Ratio	Lower	Upper
237	100	
235	61.8	44.8 84.8
272	14.0	0.0 33.3



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

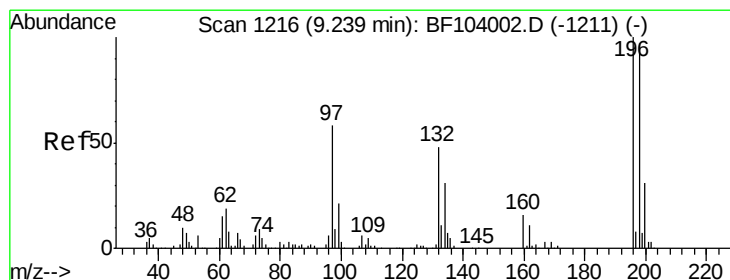
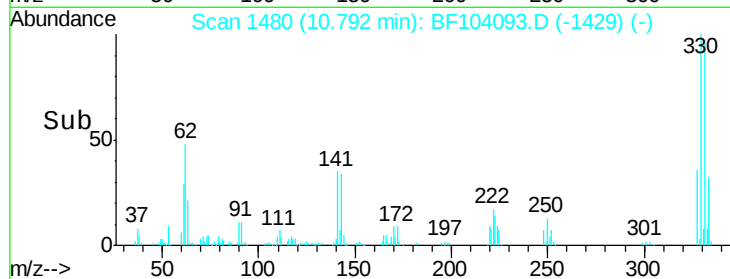
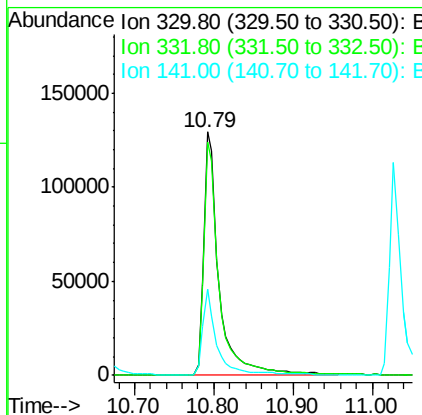
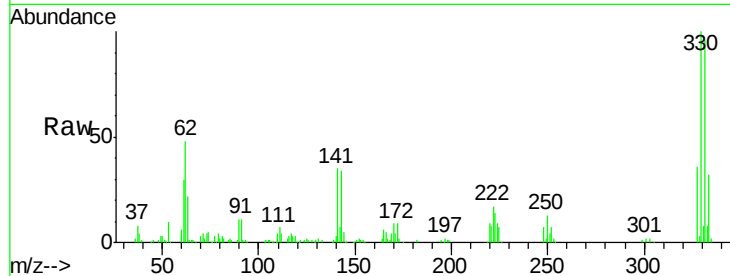




#41
 2,4,6-Tribromophenol
 Concen: 83.598 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

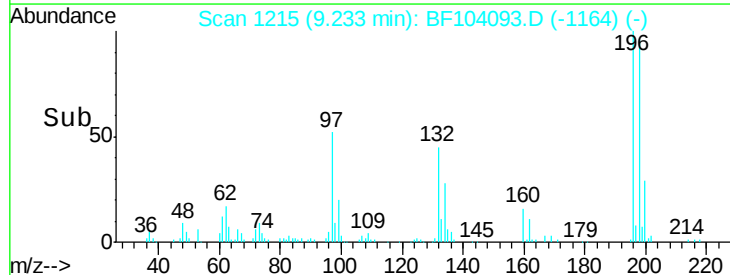
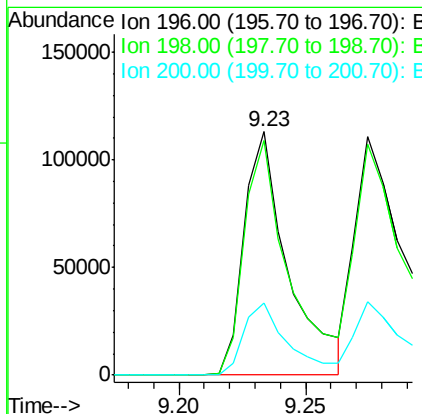
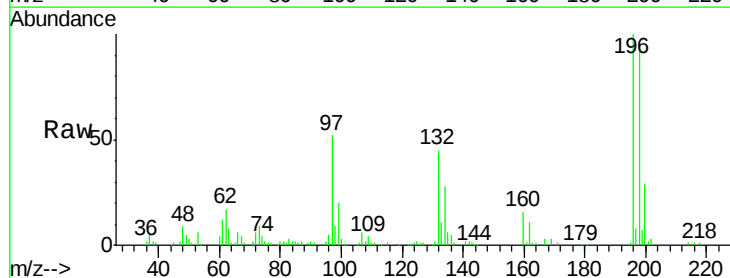
Instrument :
 BNA_F
 ClientSampleId :

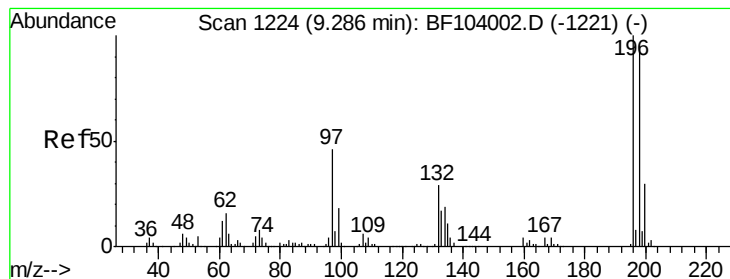
Tot Ion:330 Resp: 177714
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 33.3 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.955 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:196 Resp: 136996
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 200 29.4 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 41.475 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 185644

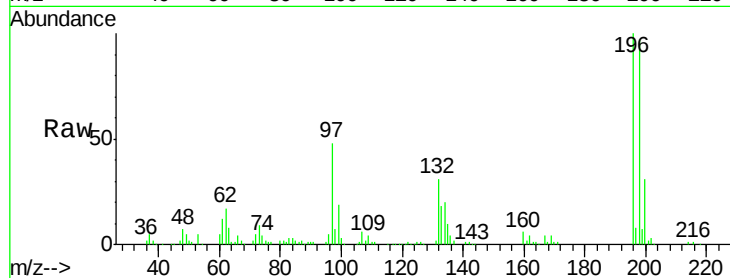
Ion Ratio Lower Upper

196 100

198 96.8 74.6 112.0

97 47.6 42.9 64.3

132 30.5 26.3 39.5

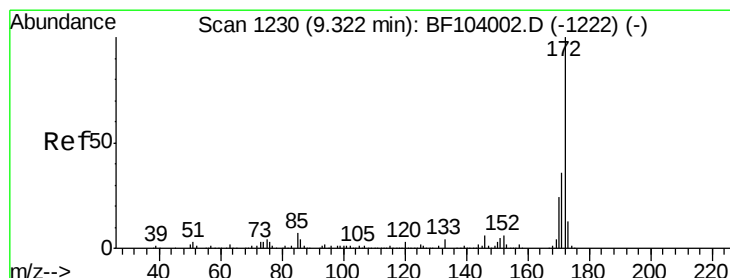
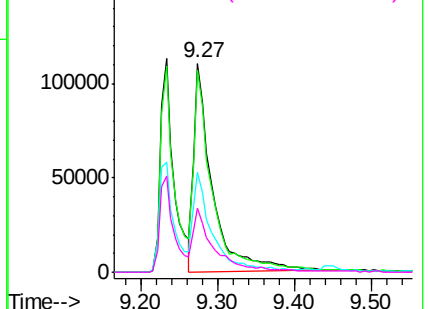
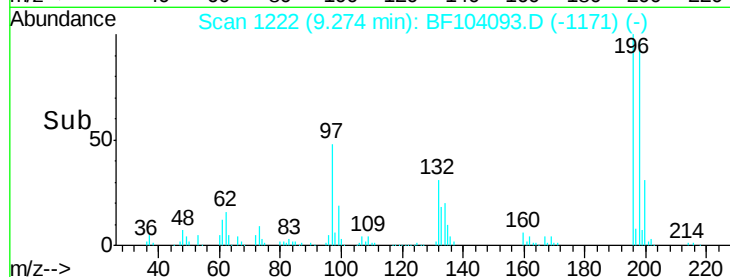


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 87.326 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

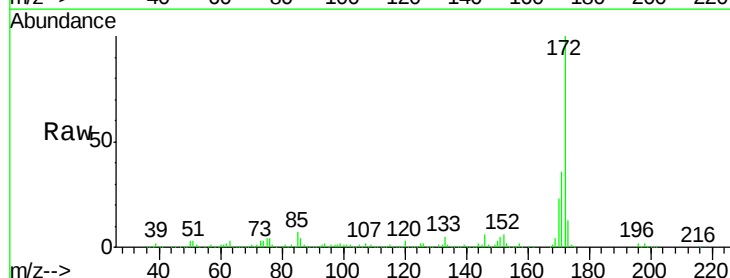
Tgt Ion:172 Resp: 1057228

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

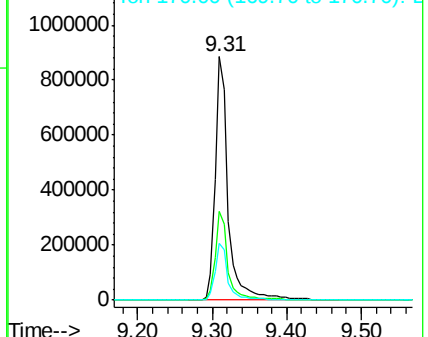
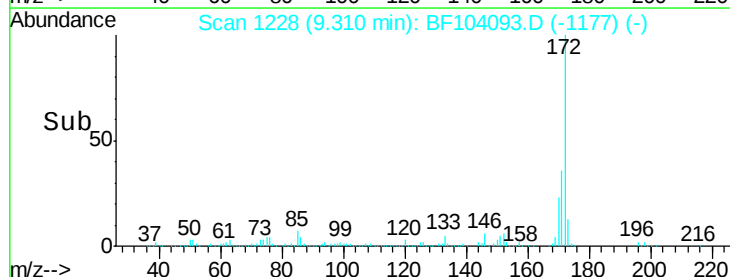
170 23.5 19.6 29.4

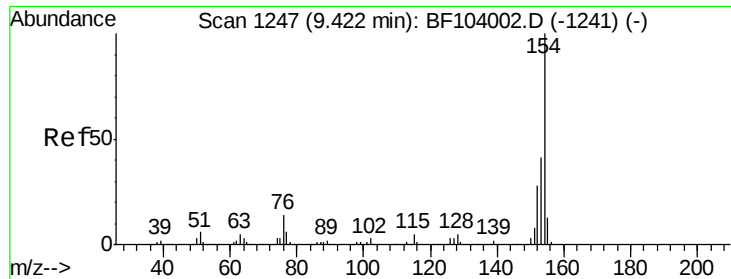


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

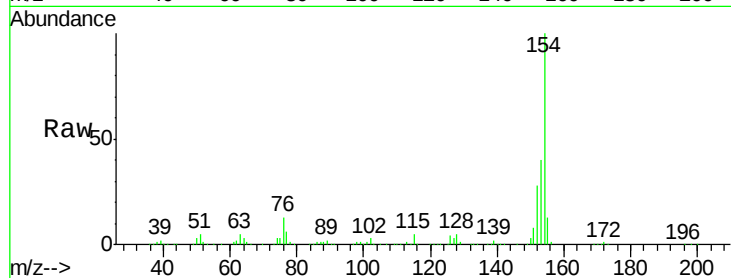




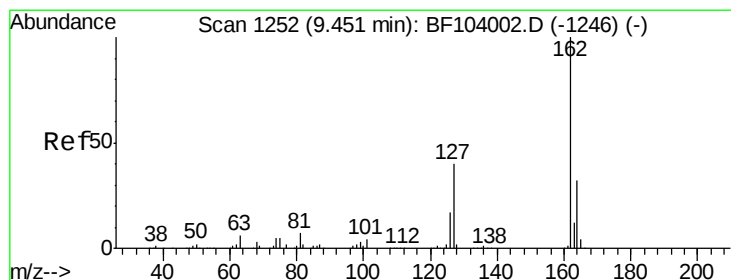
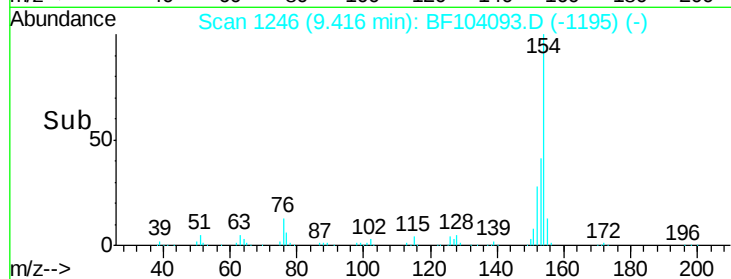
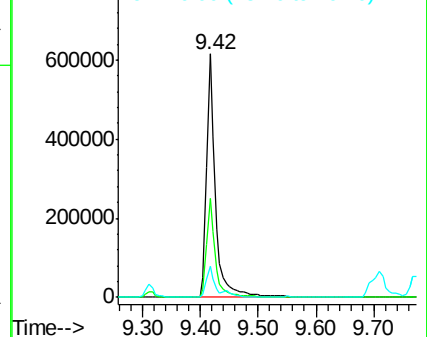
#45
 1,1'-Biphenyl
 Concen: 41.409 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 678505
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 12.9 0.0 34.0

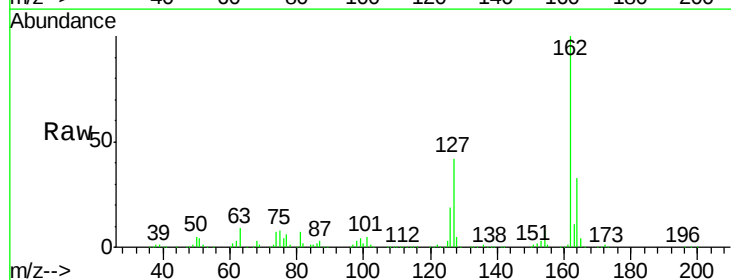


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

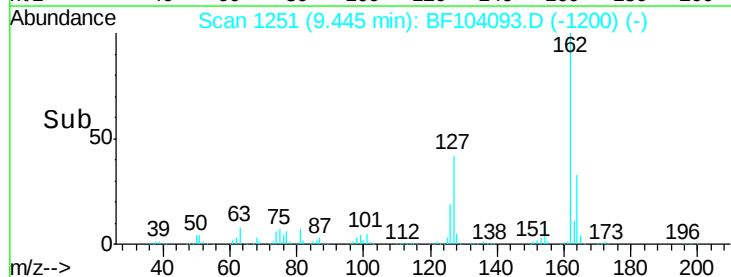
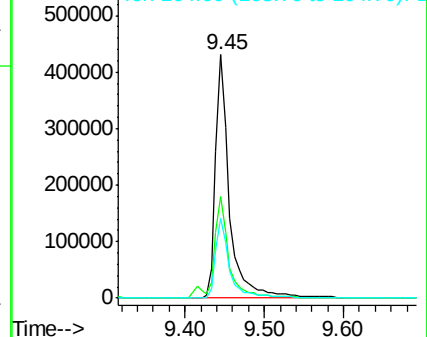


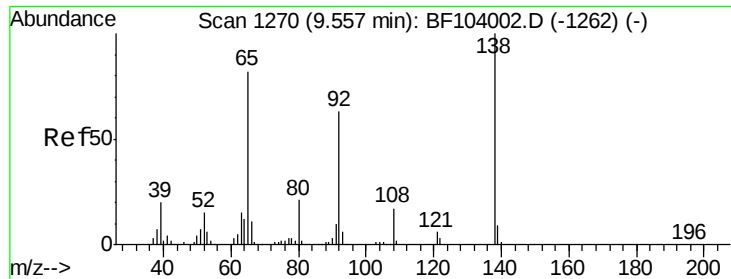
#46
 2-Chloronaphthalene
 Concen: 40.833 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:162 Resp: 527771
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.9 50.9
 164 32.9 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

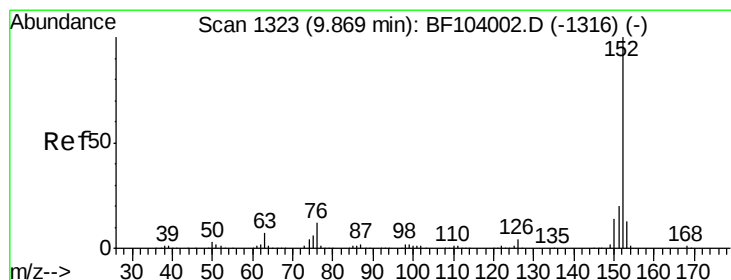
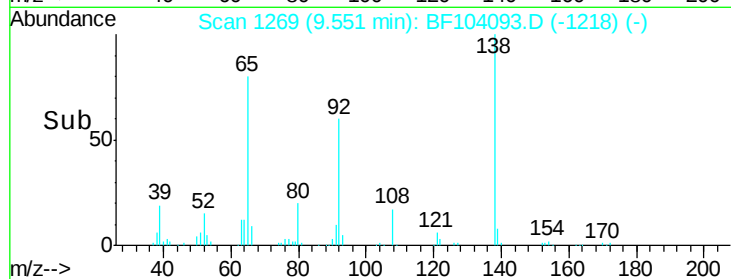
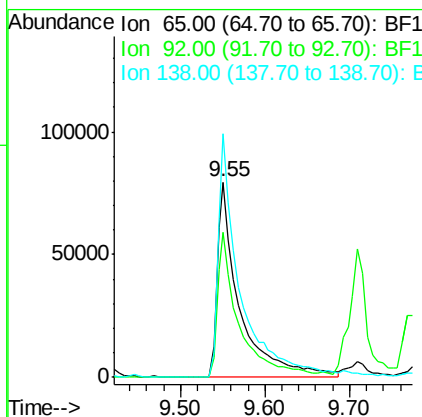
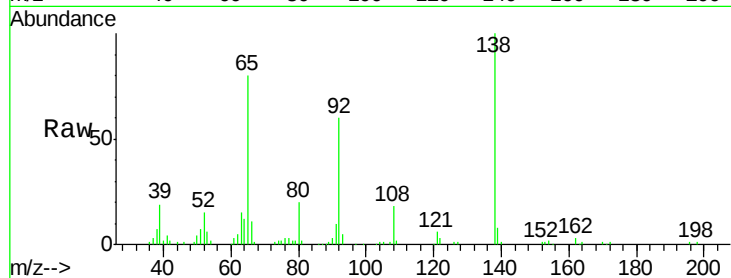




#47
 2-Nitroaniline
 Concen: 40.137 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

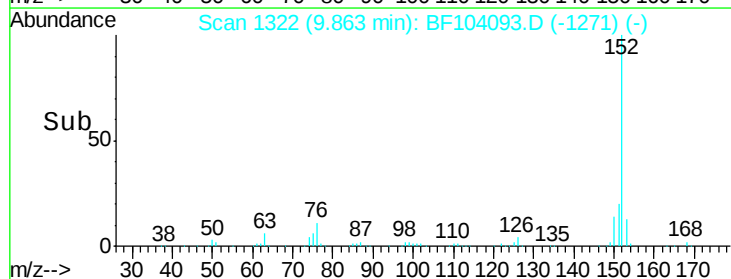
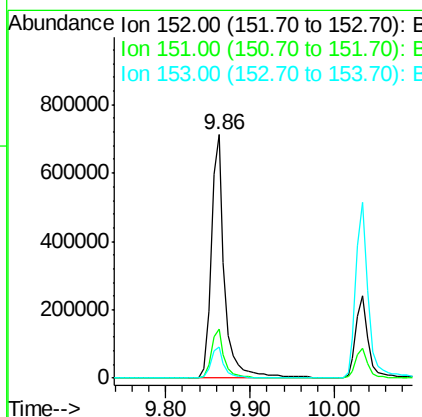
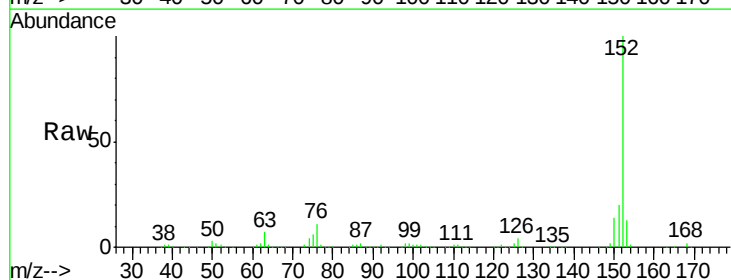
Instrument :
 BNA_F
 ClientSampleID :

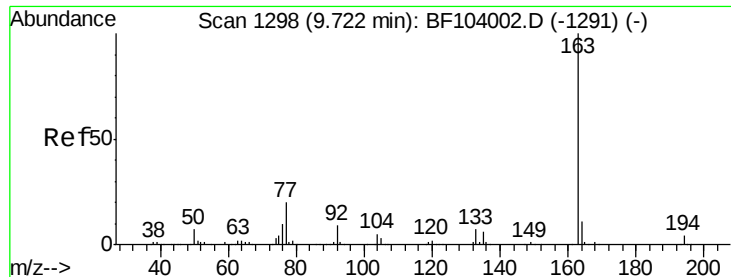
Tot Ion: 65 Resp: 147926
 Ion Ratio Lower Upper
 65 100
 92 74.3 55.8 83.6
 138 124.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.540 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion: 152 Resp: 793811
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.0 10.7 16.1

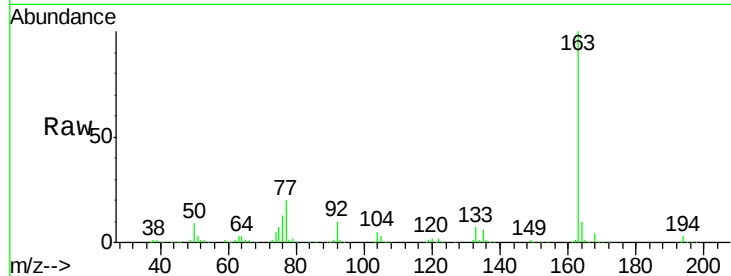




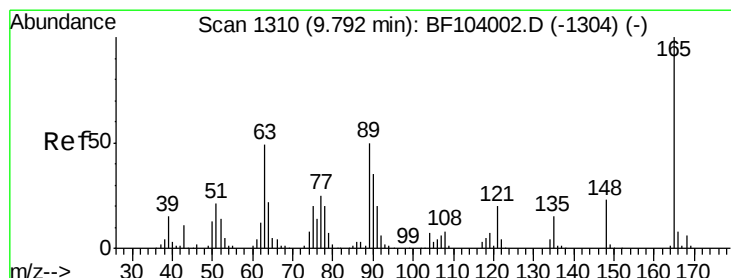
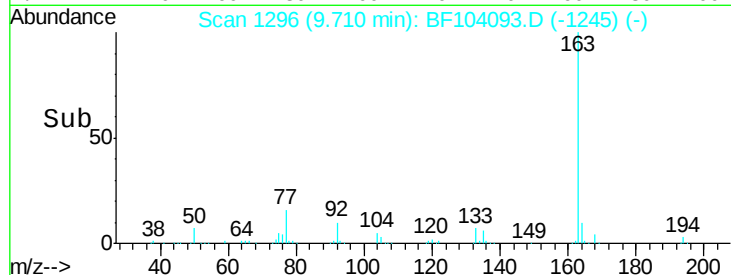
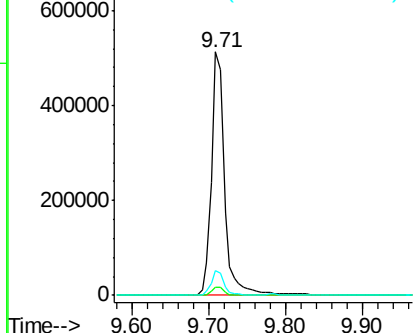
#49
Dimethylphthalate
Concen: 40.272 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 607035
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.4 8.2 12.2

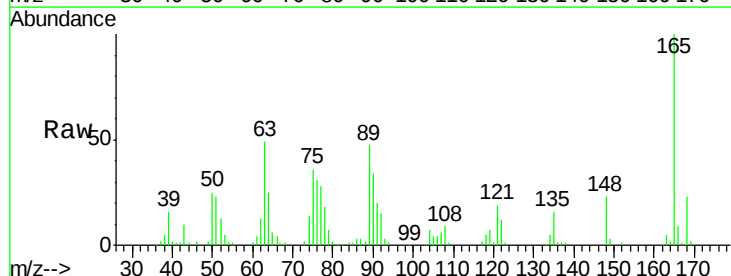


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

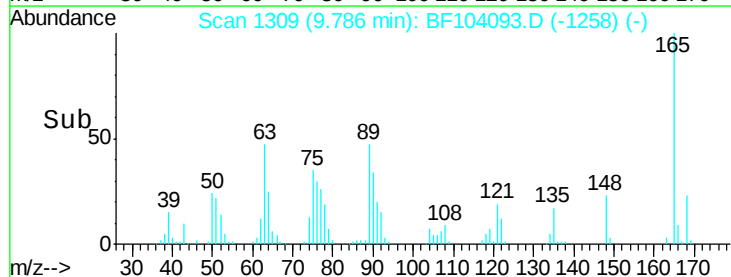
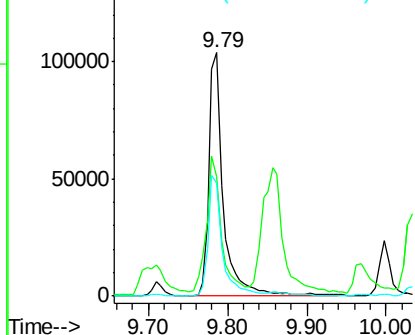


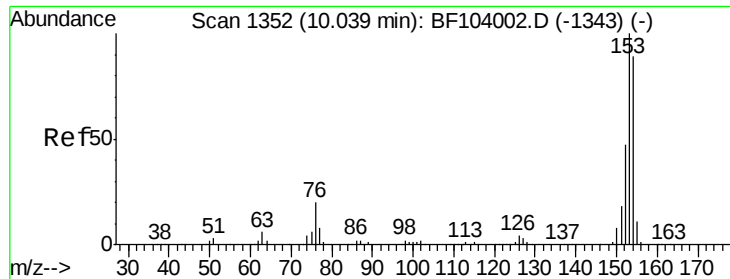
#50
2,6-Dinitrotoluene
Concen: 40.722 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:165 Resp: 132057
Ion Ratio Lower Upper
165 100
63 49.1 44.7 67.1
89 46.5 44.0 66.0



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





#51

Acenaphthene

Concen: 39.070 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

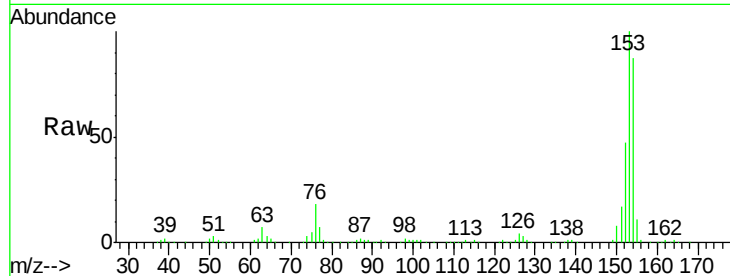
Tot Ion:154 Resp: 442560

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

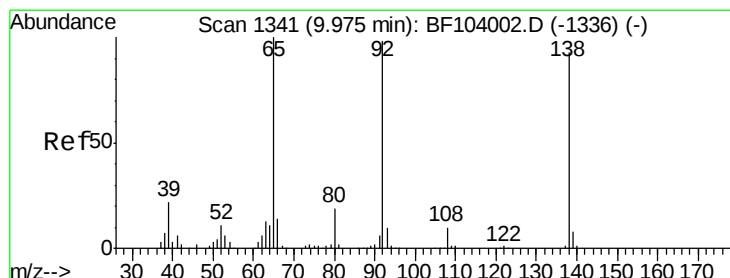
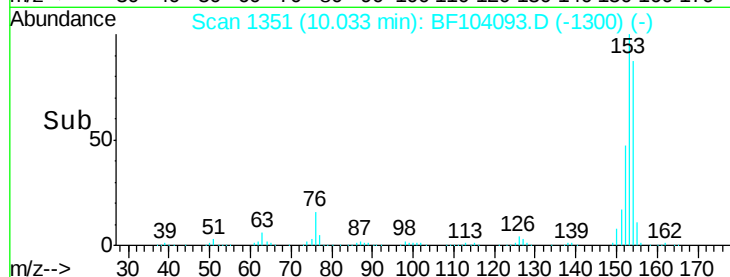
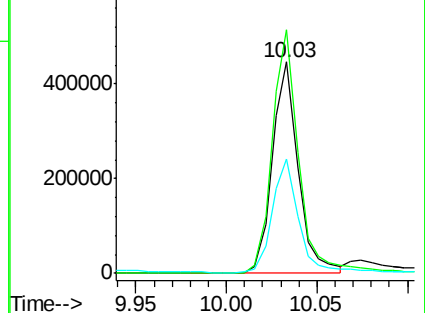
152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.828 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

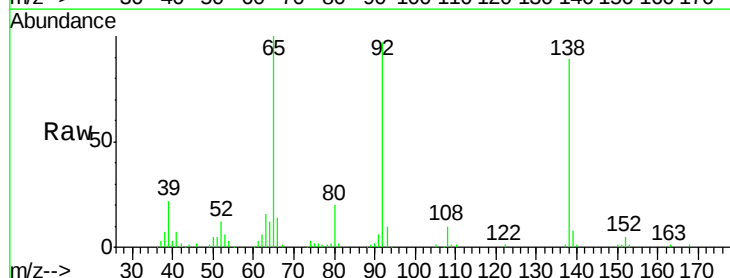
Tgt Ion:138 Resp: 155925

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

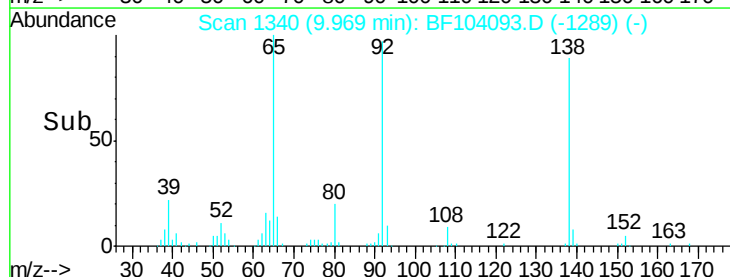
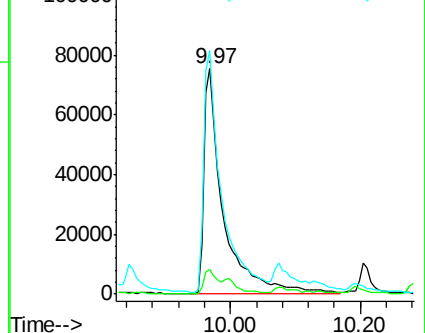
92 108.2 89.4 134.2

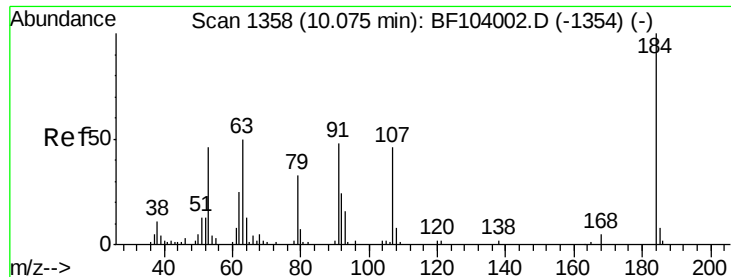


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

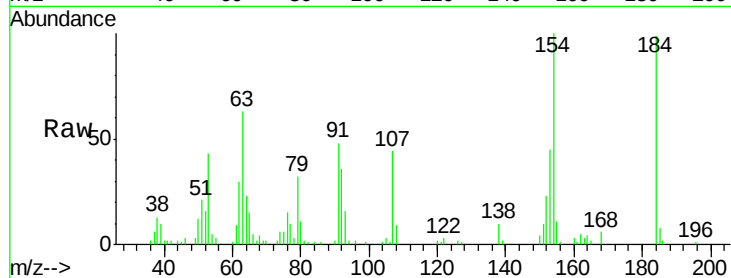




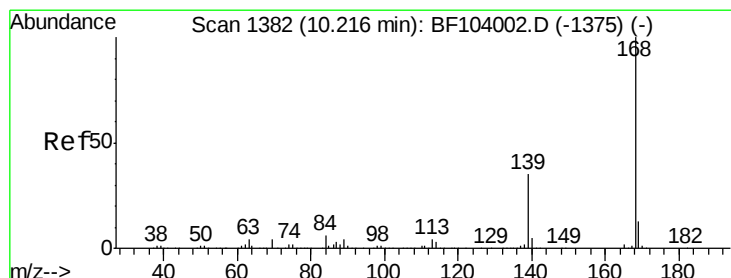
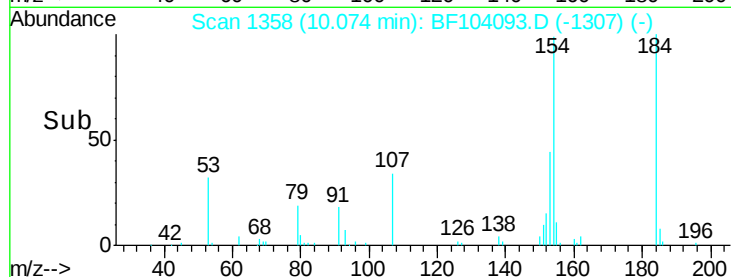
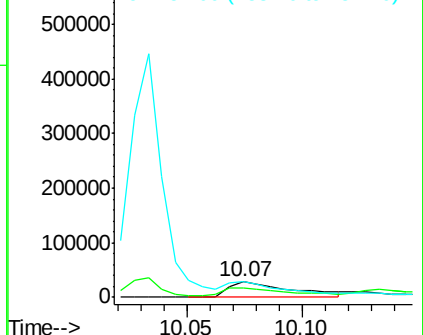
#53
 2,4-Dinitrophenol
 Concen: 41.068 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 54015
 Ion Ratio Lower Upper
 184 100
 63 63.1 54.2 81.2
 154 100.8 184.0 276.0#

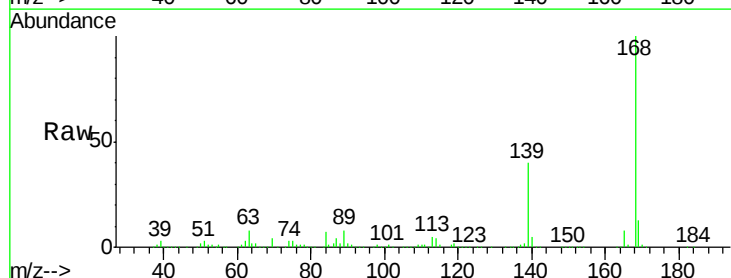


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

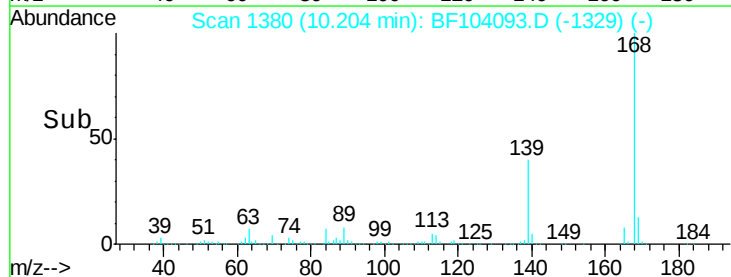
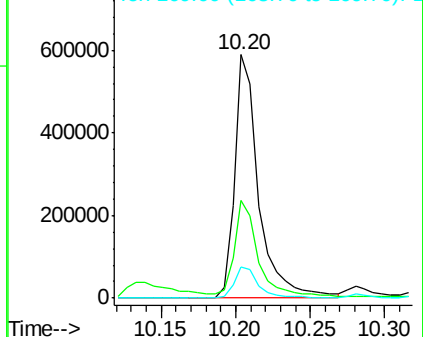


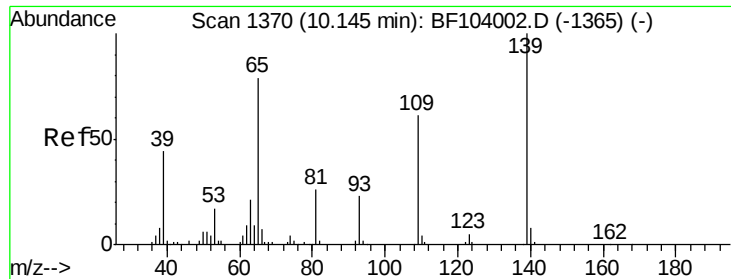
#54
 Dibenzofuran
 Concen: 40.145 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:168 Resp: 664069
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 13.0 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

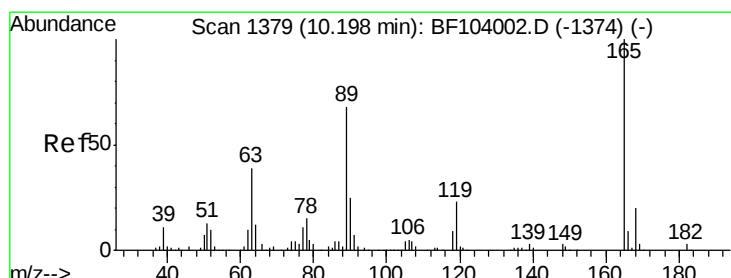
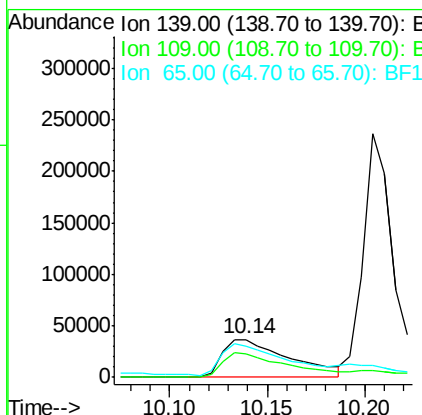
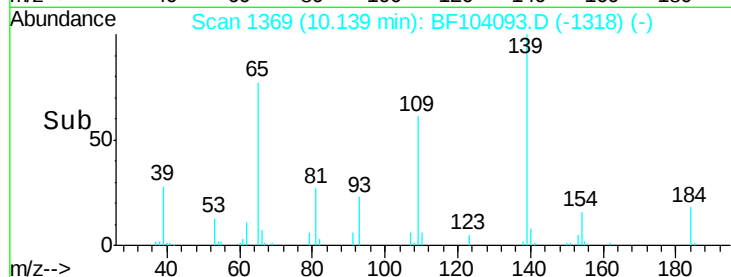
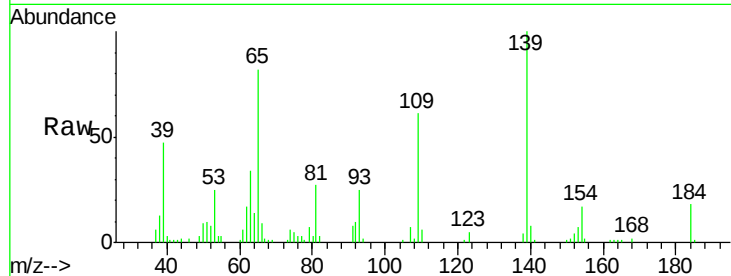




#55
4-Nitrophenol
Concen: 38.844 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

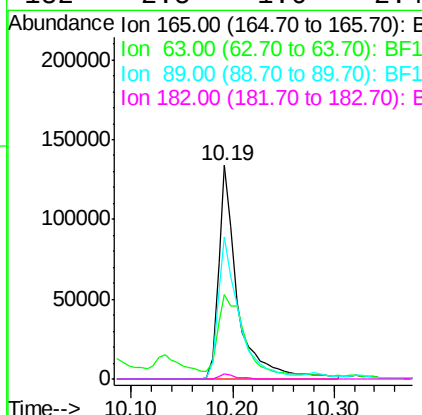
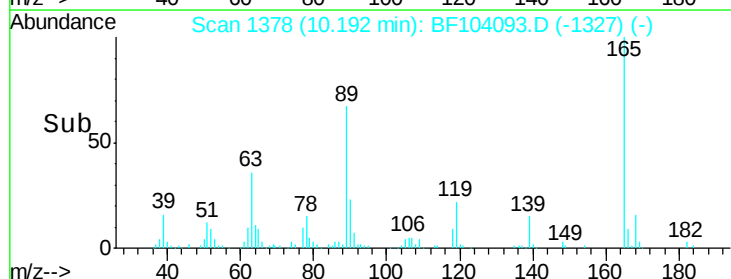
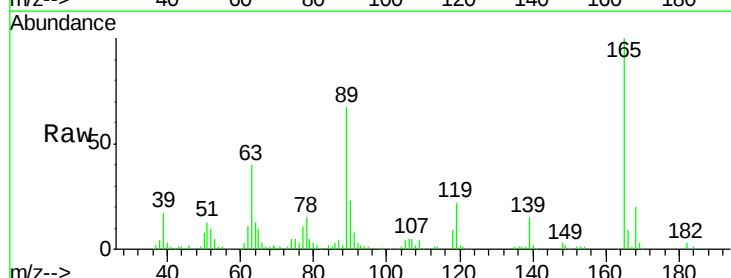
Instrument :
BNA_F
ClientSampleId :

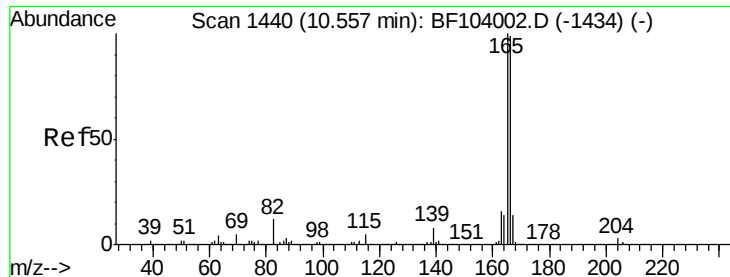
Tot Ion:139 Resp: 86823
Ion Ratio Lower Upper
139 100
109 60.9 48.4 88.4
65 81.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.074 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:165 Resp: 174102
Ion Ratio Lower Upper
165 100
63 39.6 36.4 54.6
89 66.8 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 40.685 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

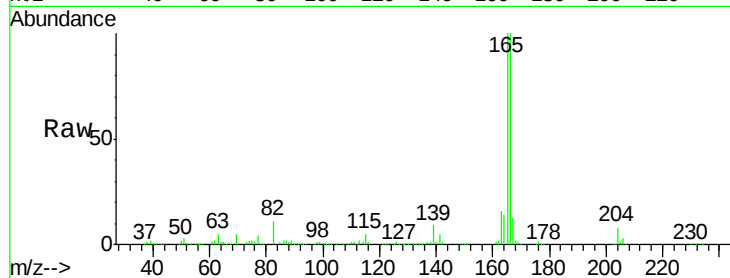
Tot Ion:166 Resp: 555138

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

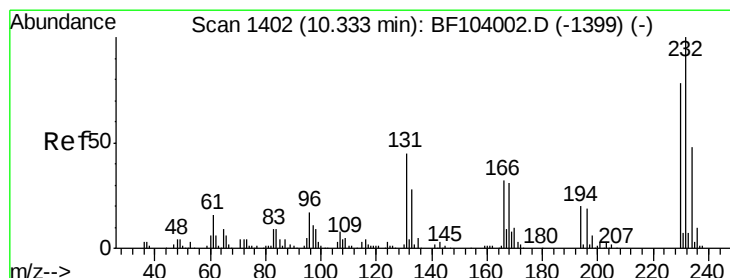
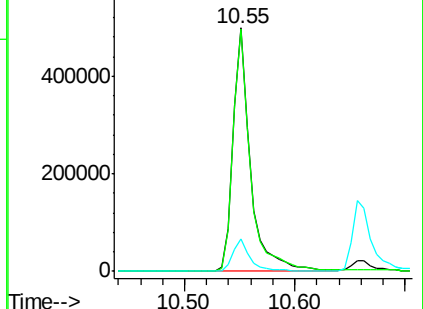
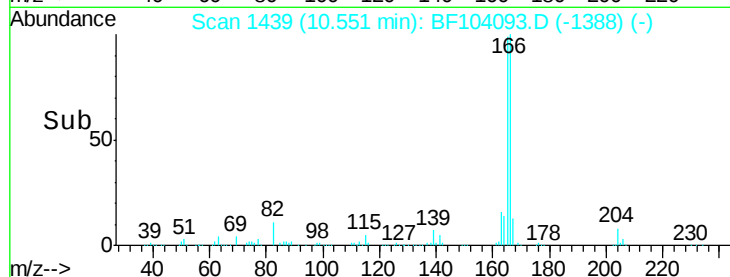
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.867 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Tgt Ion:232 Resp: 147108

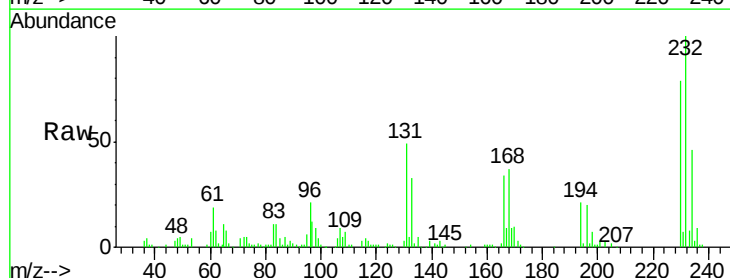
Ion Ratio Lower Upper

232 100

131 42.1 43.8 65.8#

130 1.9 2.1 3.1#

166 30.5 27.8 41.6

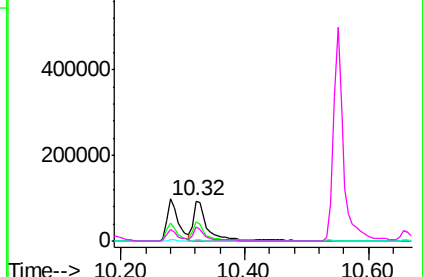
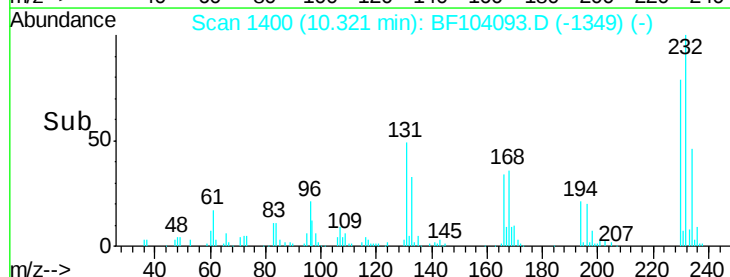


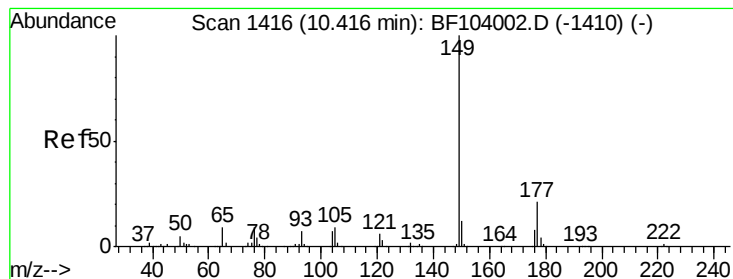
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.513 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampled :

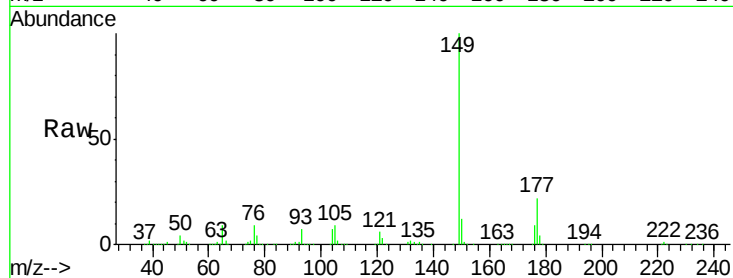
Tot Ion:149 Resp: 585002

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

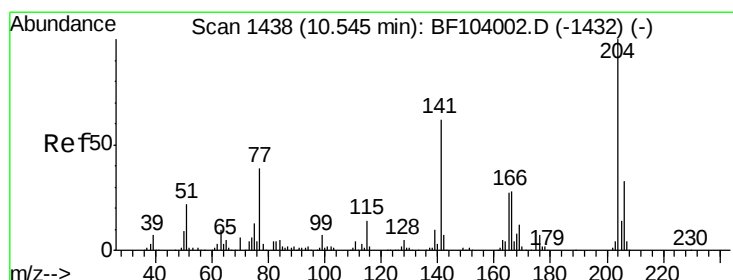
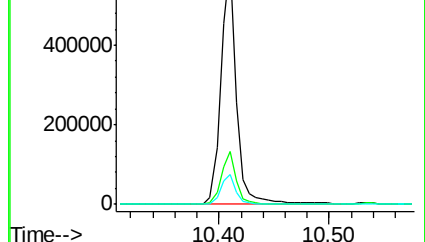
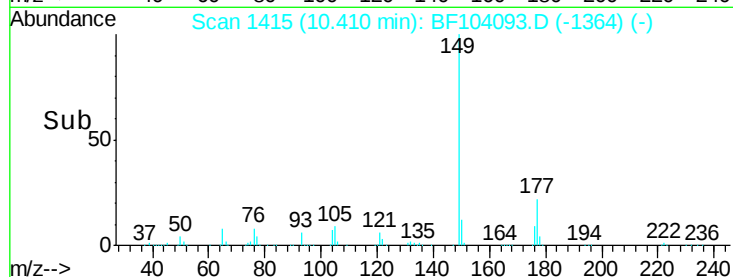
150 12.4 10.1 15.1



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: 41.894 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

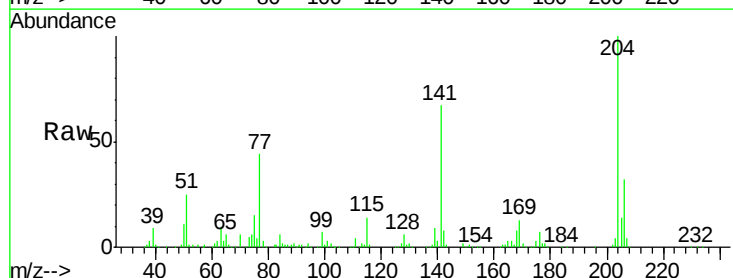
Tgt Ion:204 Resp: 262549

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

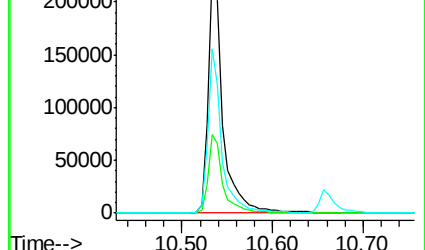
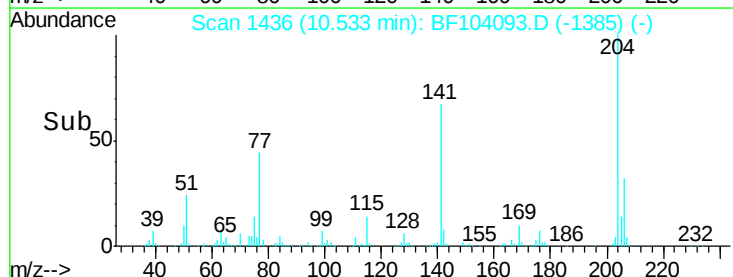
141 67.2 54.6 81.8

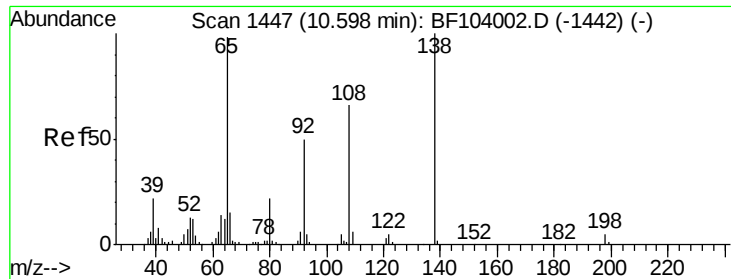


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.735 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

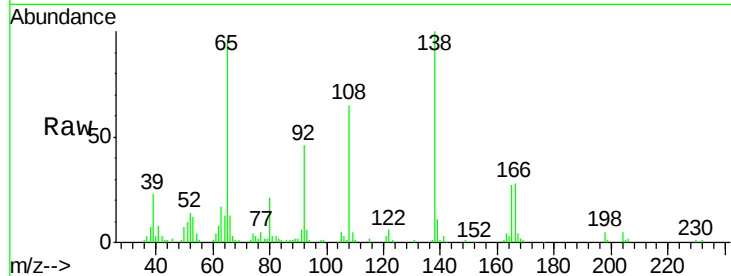
Tot Ion:138 Resp: 142089

Ion Ratio Lower Upper

138 100

92 45.5 30.2 70.2

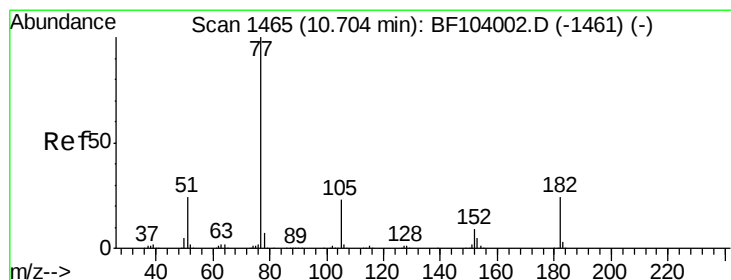
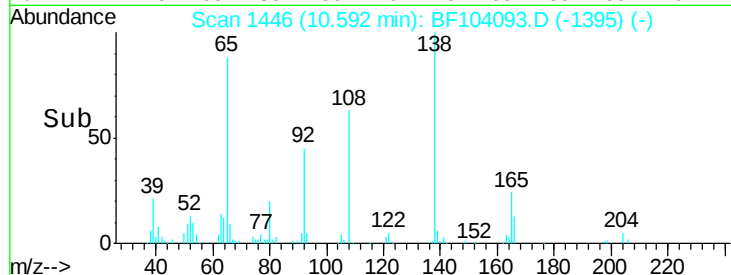
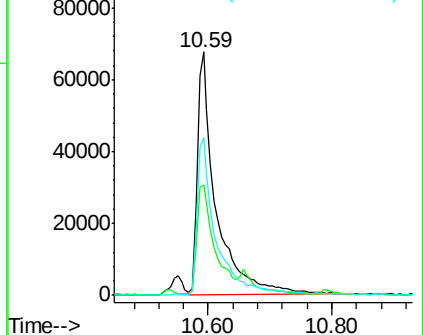
108 65.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.350 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Tgt Ion: 77 Resp: 539908

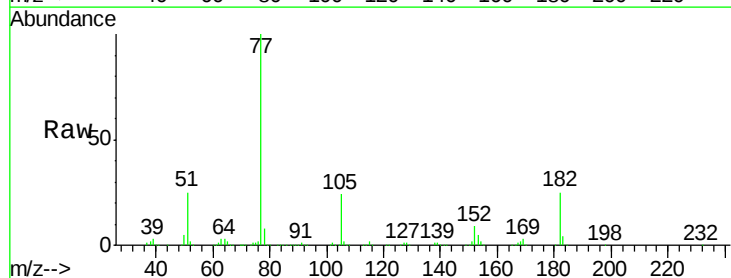
Ion Ratio Lower Upper

77 100

182 25.3 1.7 41.7

105 24.0 3.0 43.0

51 25.4 9.9 49.9

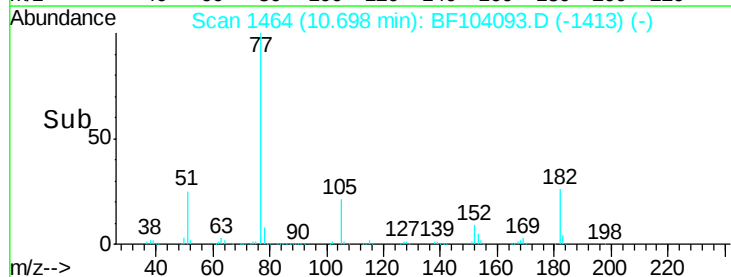
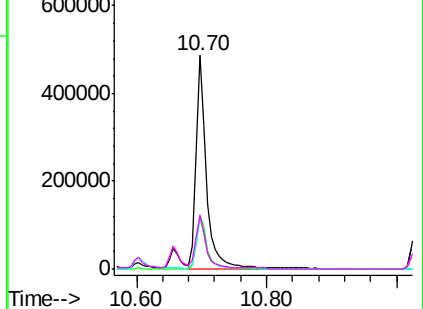


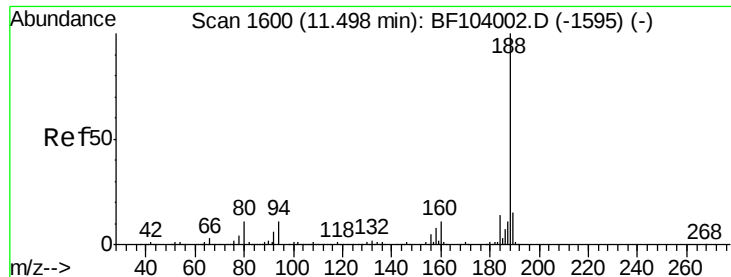
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

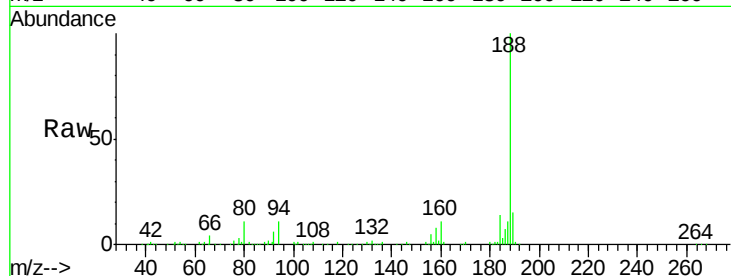
Tot Ion:188 Resp: 353563

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

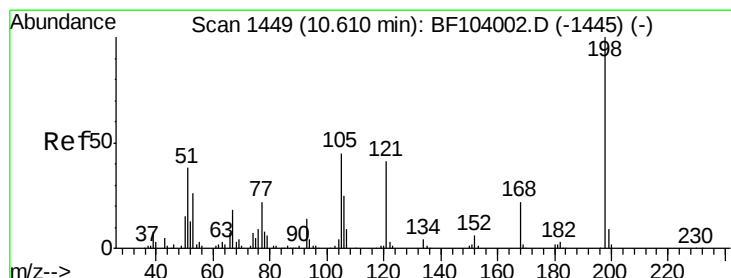
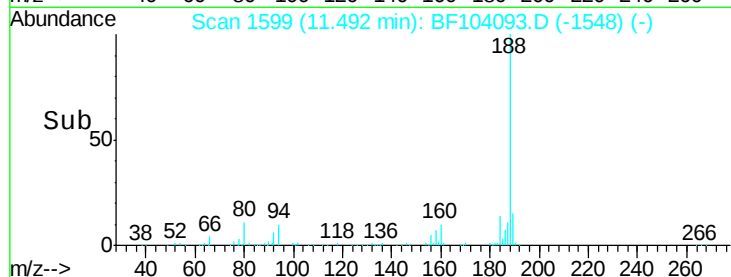
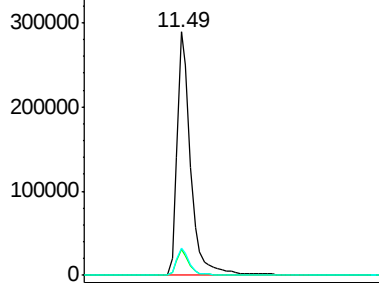
80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 40.549 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

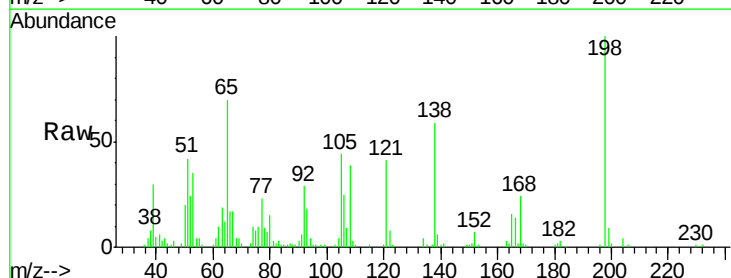
Tgt Ion:198 Resp: 86783

Ion Ratio Lower Upper

198 100

51 41.7 37.7 77.7

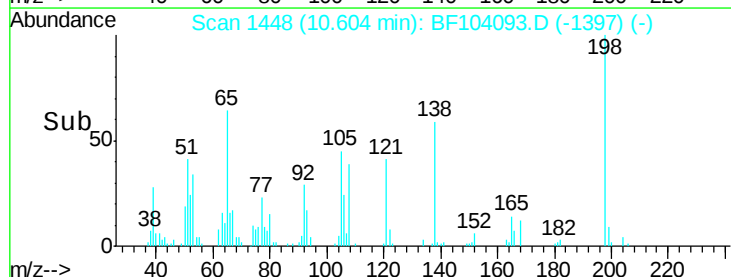
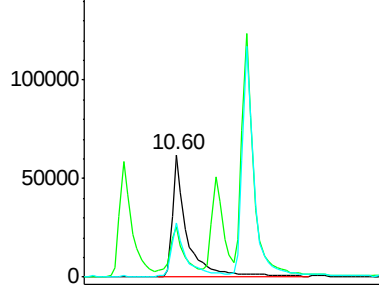
105 44.3 36.3 76.3

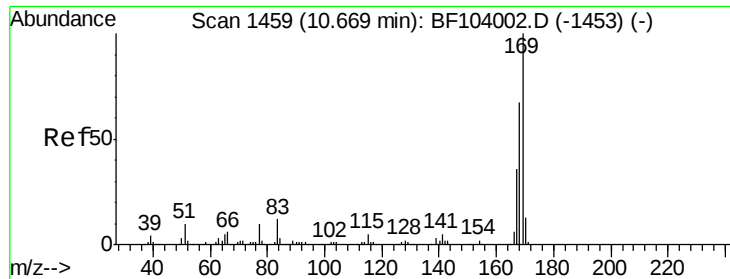


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

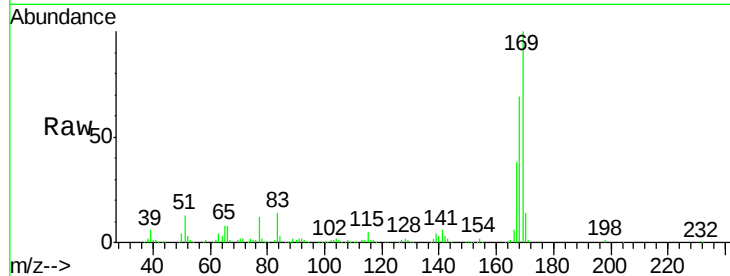




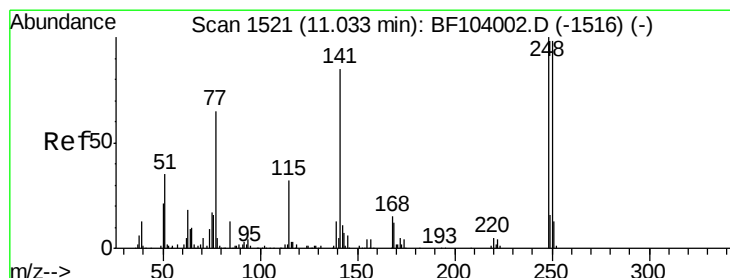
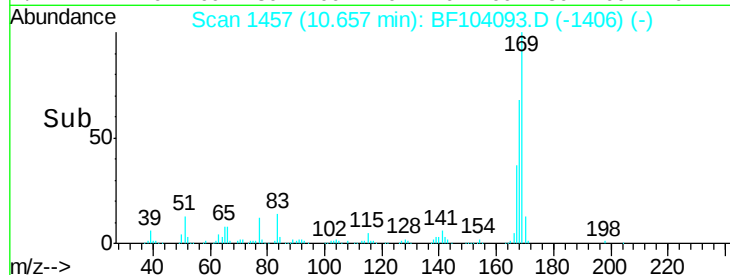
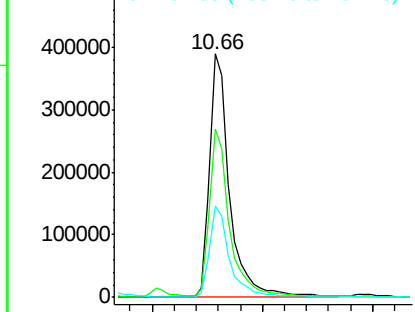
#65
 n-Nitrosodiphenylamine
 Concen: 40.284 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 482363
 Ion Ratio Lower Upper
 169 100
 168 69.0 54.4 81.6
 167 37.5 29.8 44.6

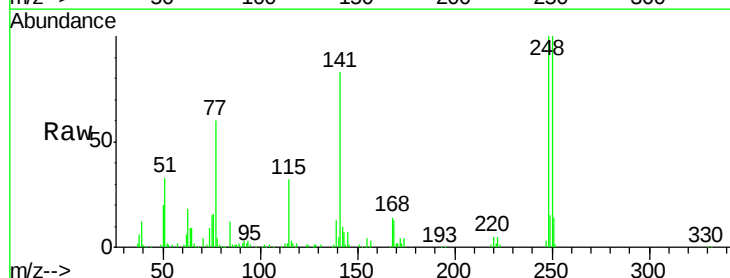


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

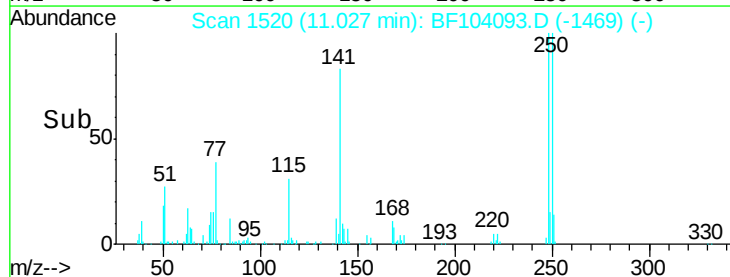
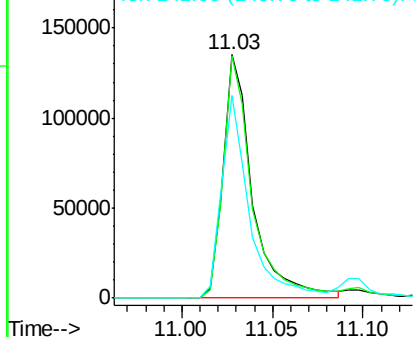


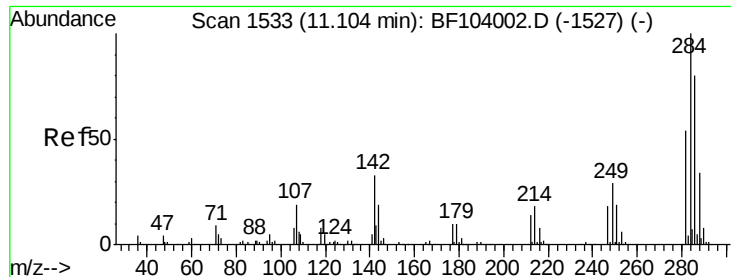
#66
 4-Bromophenyl-phenylether
 Concen: 40.447 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:248 Resp: 152995
 Ion Ratio Lower Upper
 248 100
 250 99.6 76.9 115.3
 141 83.5 74.4 111.6



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

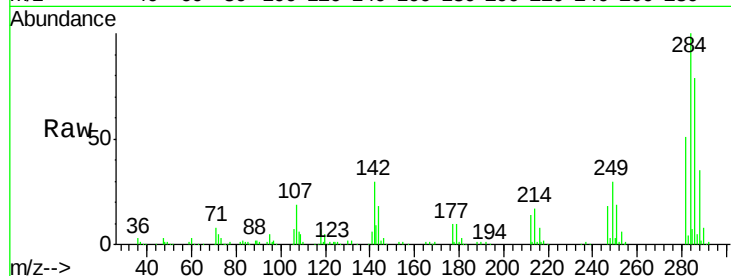




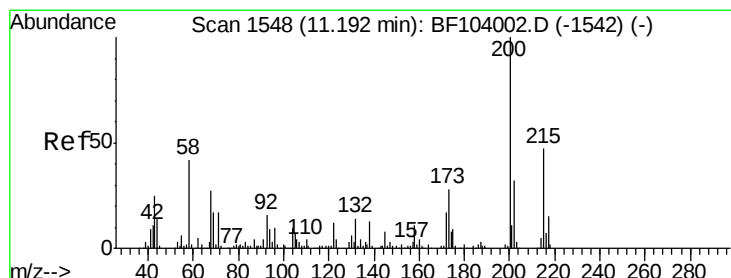
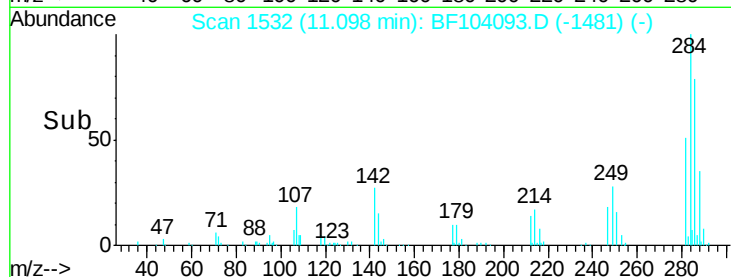
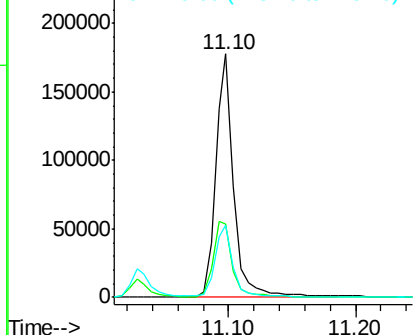
#67
Hexachlorobenzene
Concen: 40.596 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 176641
Ion Ratio Lower Upper
284 100
142 30.3 34.6 52.0#
249 29.8 24.8 37.2

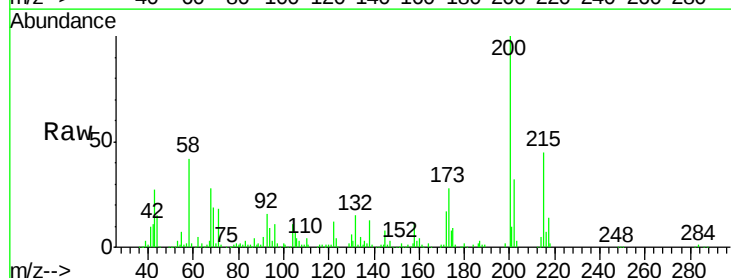


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

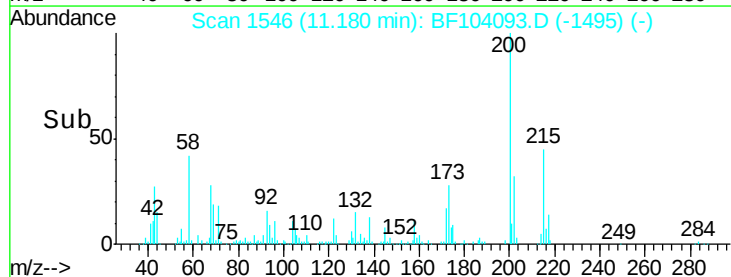
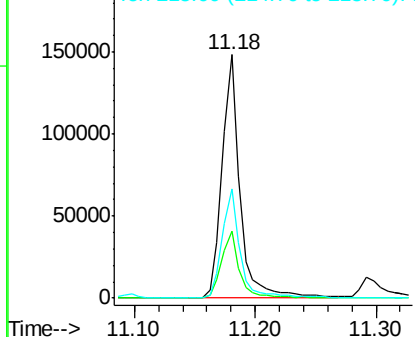


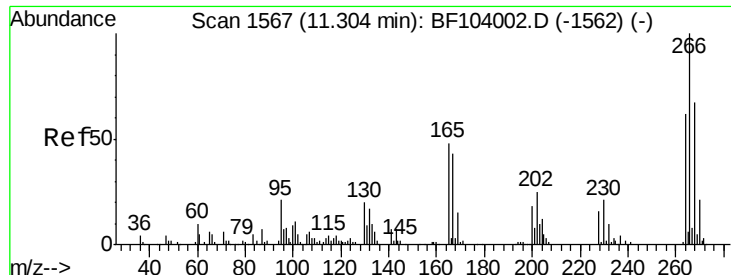
#68
Atrazine
Concen: 41.591 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:200 Resp: 152568
Ion Ratio Lower Upper
200 100
173 27.7 8.6 48.6
215 44.8 25.1 65.1



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

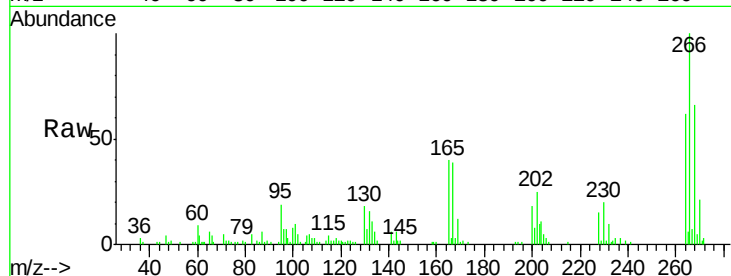




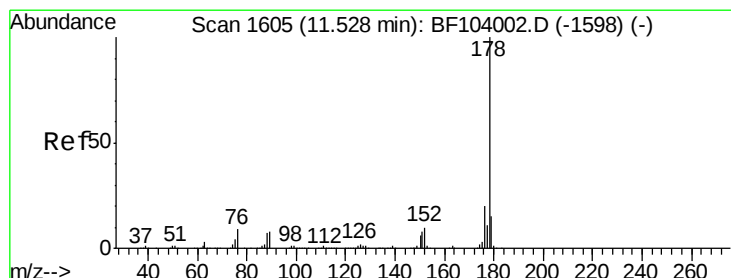
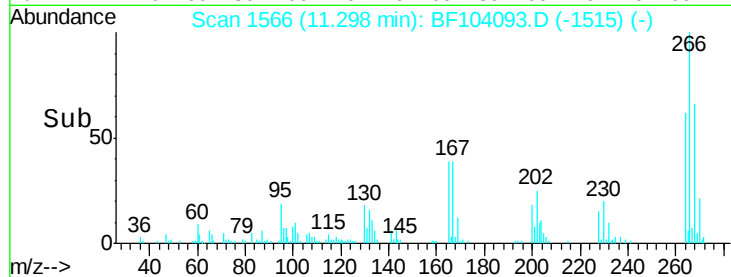
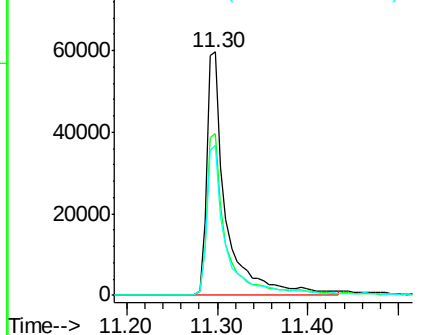
#69
 Pentachlorophenol
 Concen: 37.550 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 89908
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 61.5 49.5 74.3

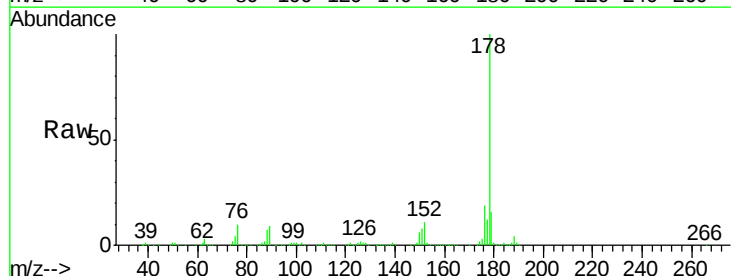


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

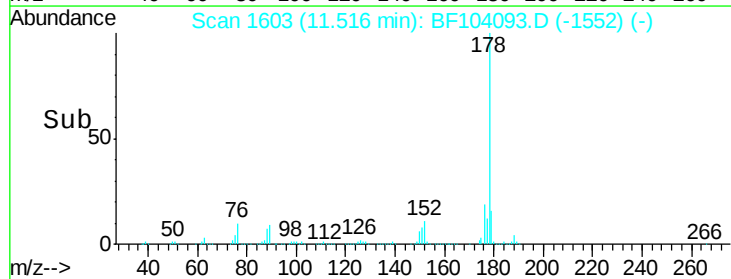
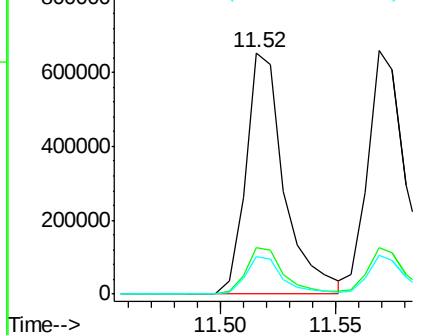


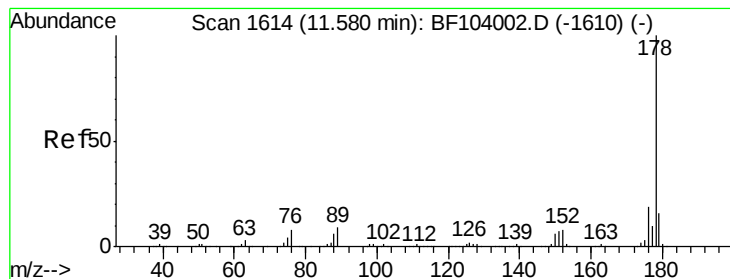
#70
 Phenanthrene
 Concen: 39.713 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:178 Resp: 760204
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.8 13.0 19.6



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





#71

Anthracene

Concen: 42.915 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

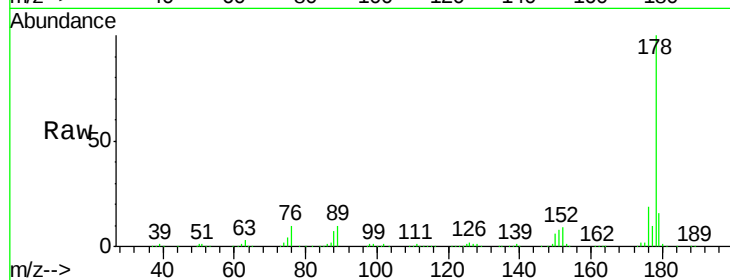
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 858067

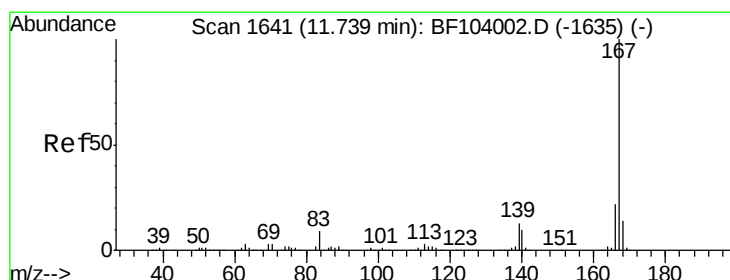
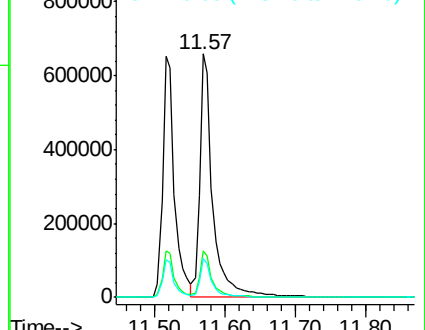
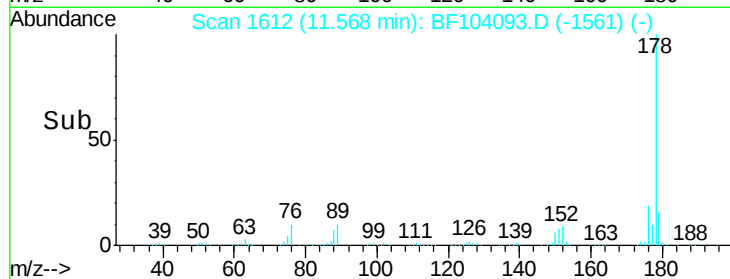
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0



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



#72

Carbazole

Concen: 41.497 ng

RT: 11.73 min Scan# 1639

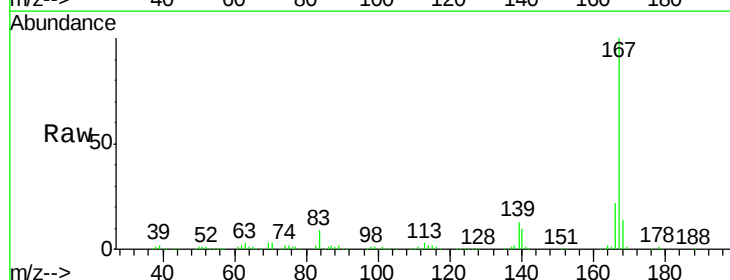
Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Tgt Ion:167 Resp: 791907

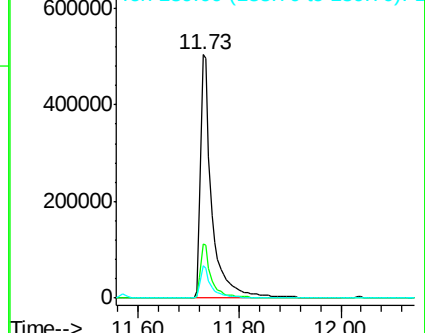
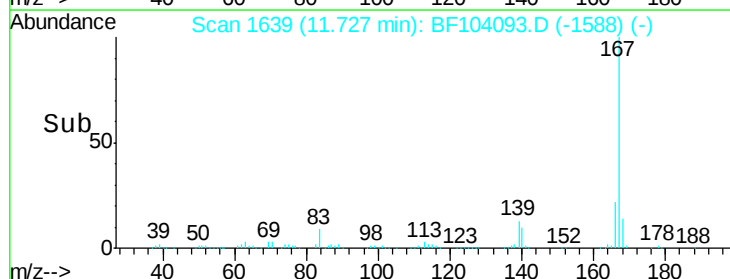
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.2	10.9	16.3



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: 40.872 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

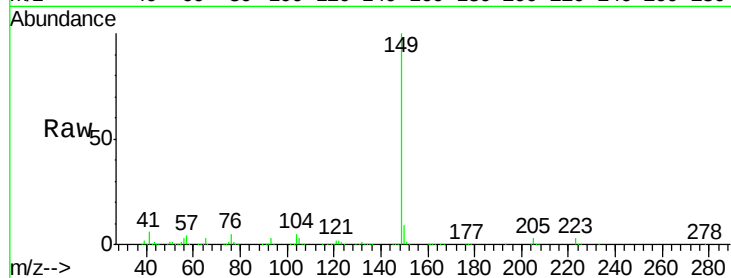
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 929080

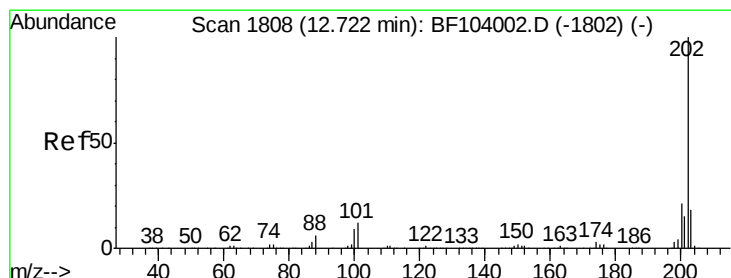
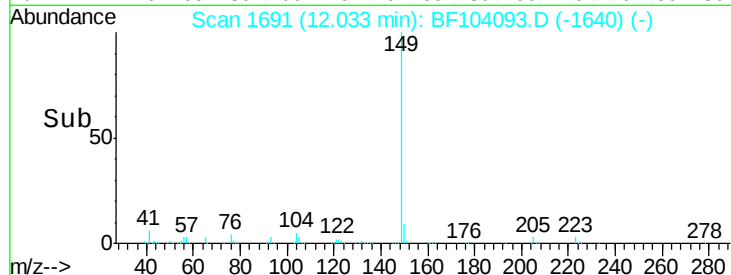
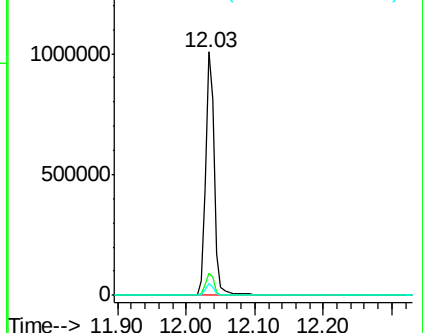
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.7	3.8	5.8



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: 40.628 ng

RT: 12.71 min Scan# 1806

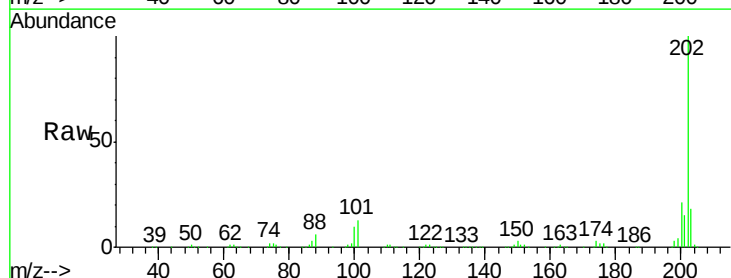
Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Tgt Ion:202 Resp: 826672

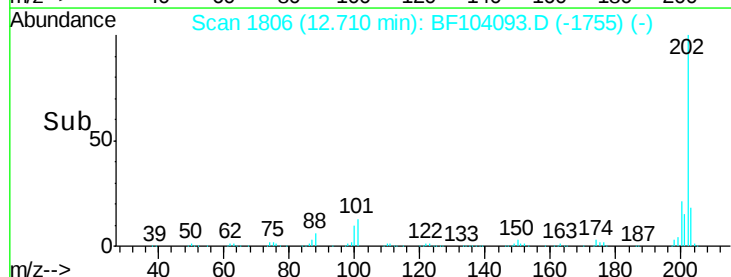
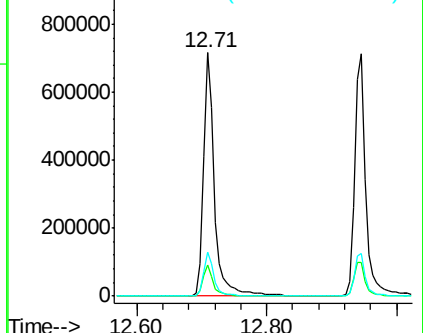
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.9	0.0	38.1

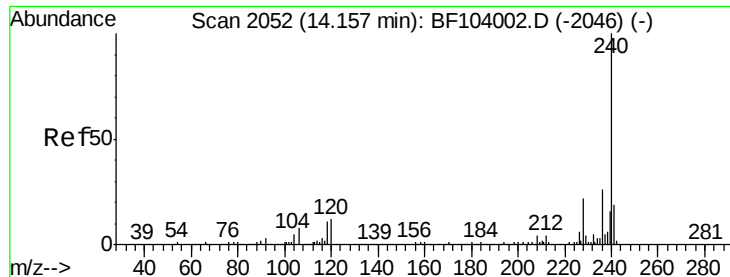


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

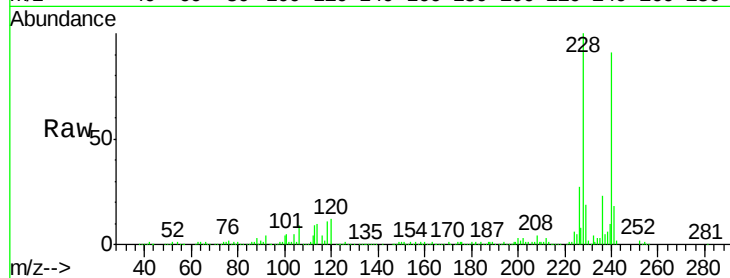
Tot Ion:240 Resp: 273544

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

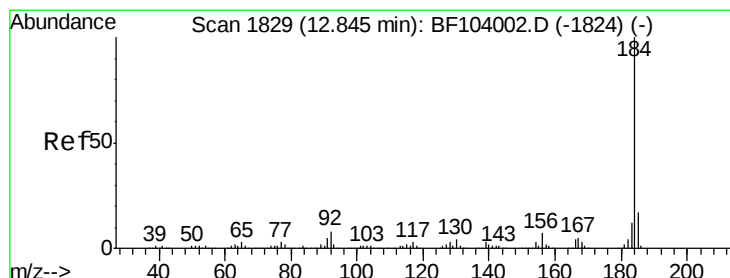
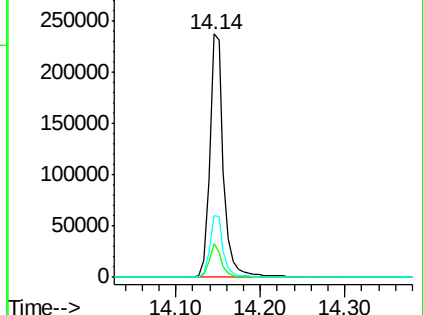
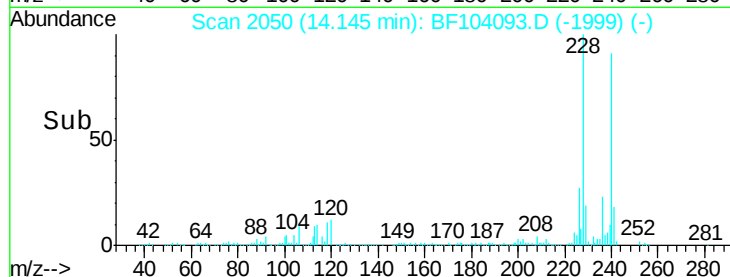
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.849 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

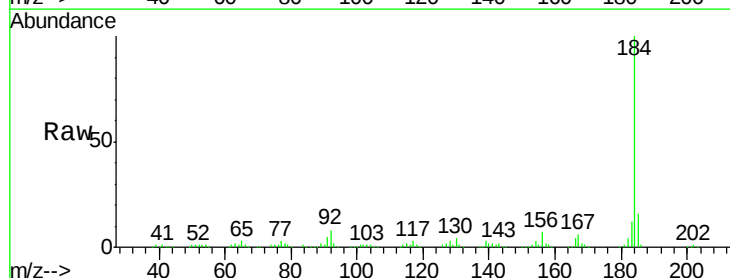
Tgt Ion:184 Resp: 357408

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

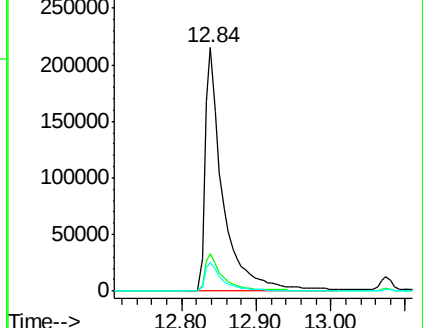
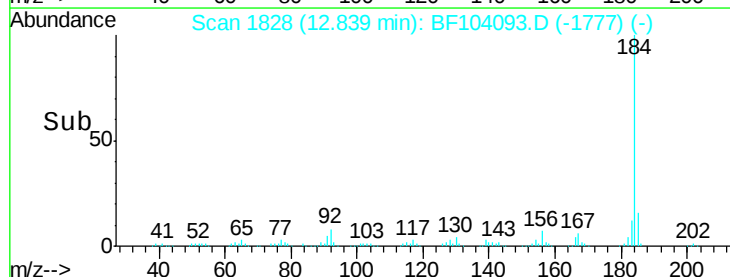
183 12.0 9.3 13.9

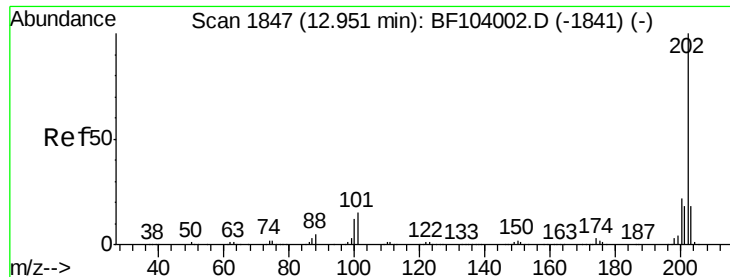


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

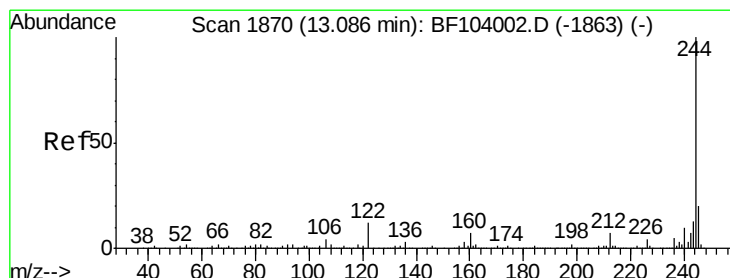
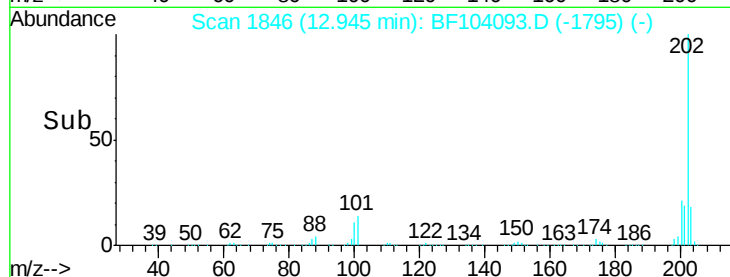
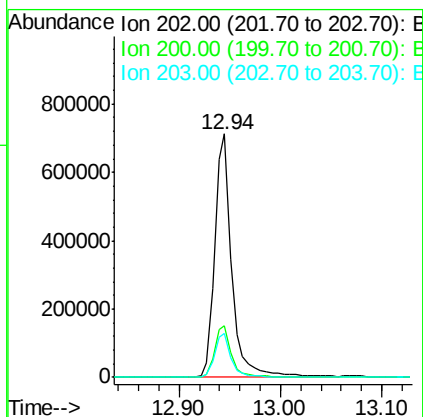
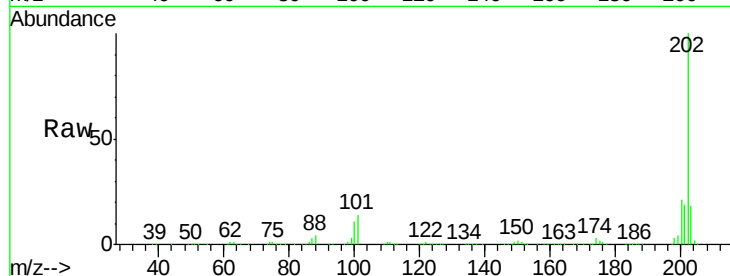




#77
Pvrene
Concen: 42.119 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

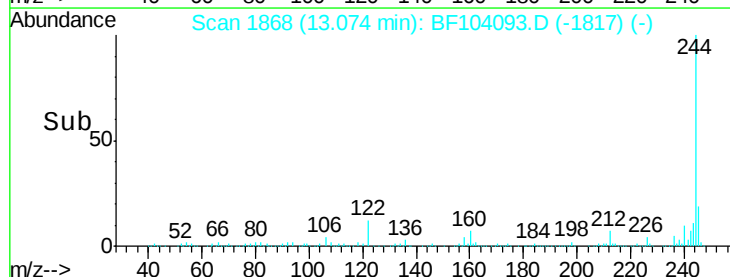
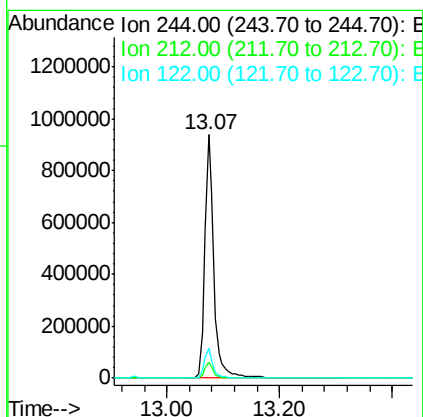
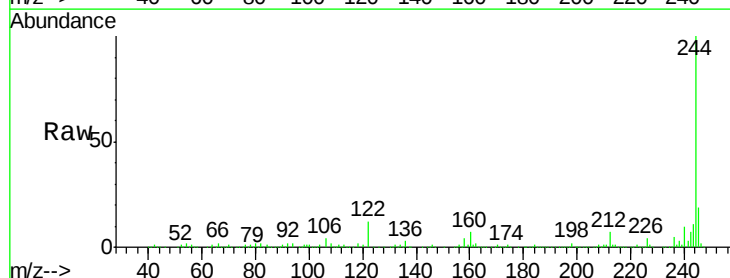
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 828221
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 88.939 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:244 Resp: 1053671
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 12.4 11.0 16.4

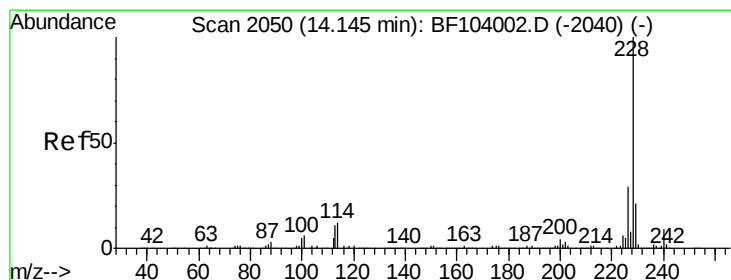
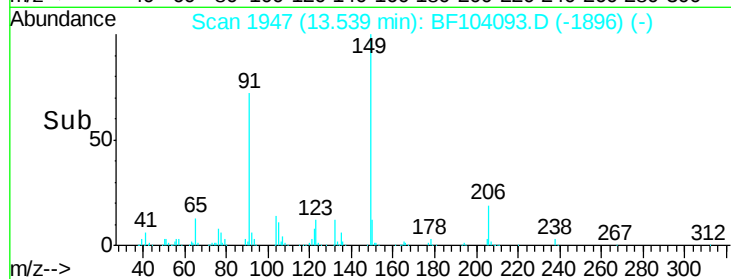
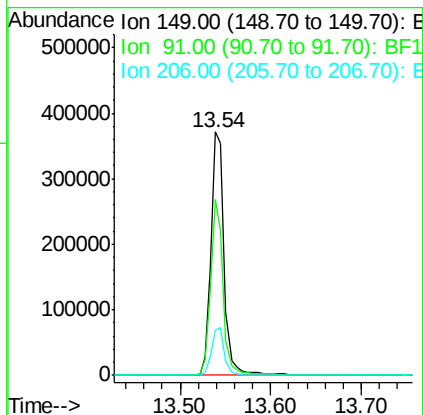
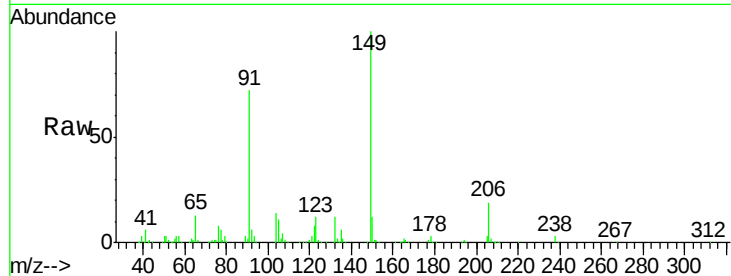




#79
Butylbenzylphthalate
Concen: 41.534 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

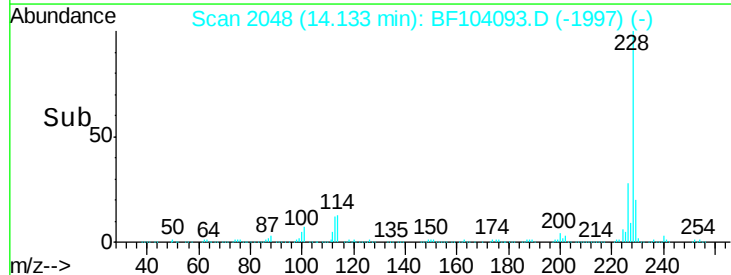
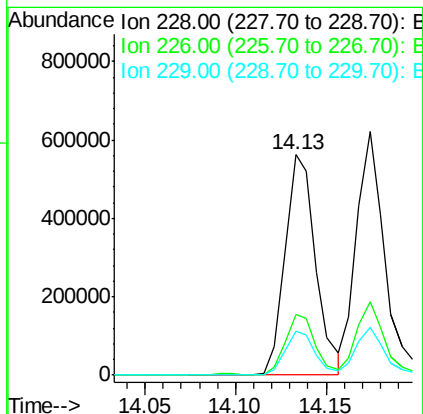
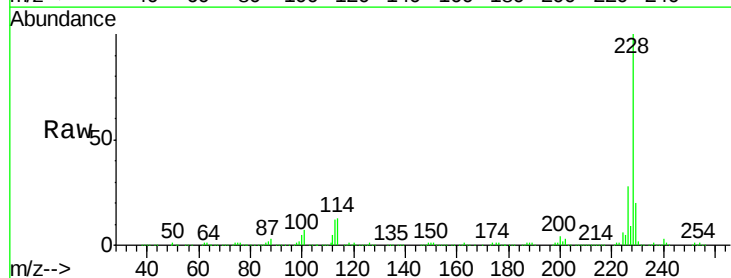
Instrument :
BNA_F
ClientSampleId :

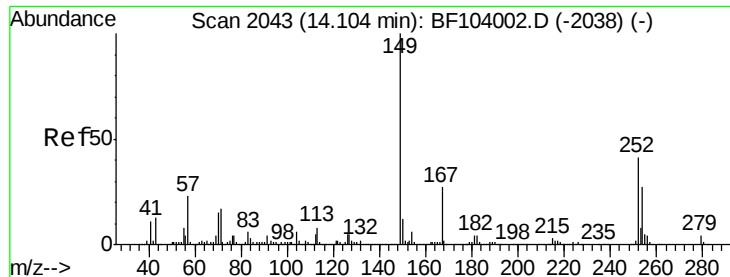
Tot Ion:149 Resp: 384780
Ion Ratio Lower Upper
149 100
91 72.3 56.8 85.2
206 18.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.688 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:228 Resp: 662185
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.2 15.8 23.6

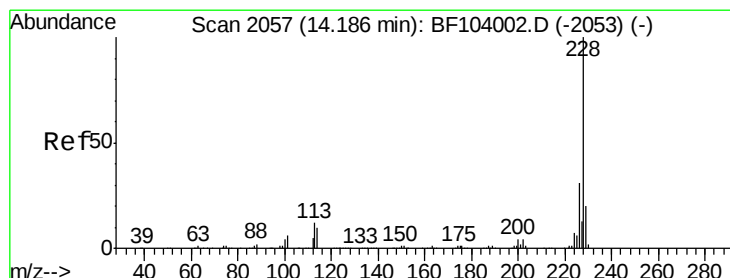
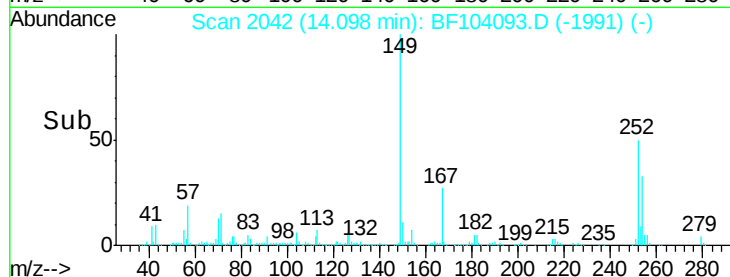
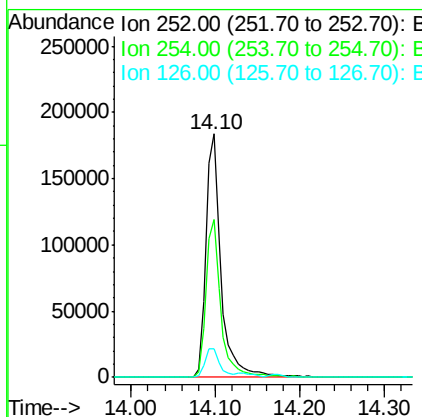
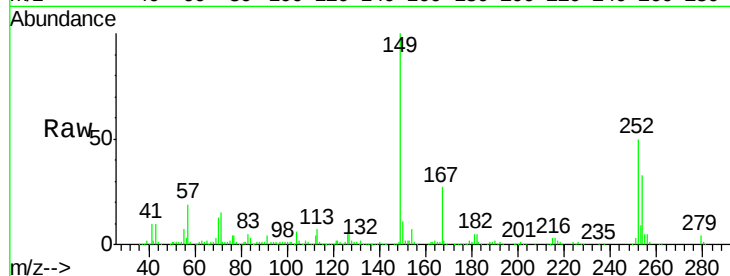




#81
 3,3'-Dichlorobenzidine
 Concen: 40.486 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

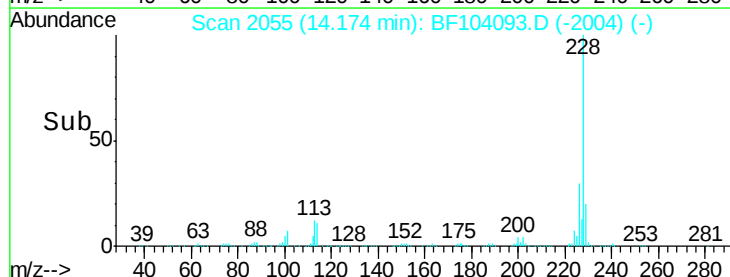
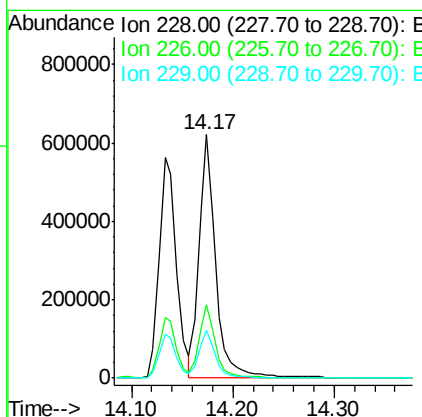
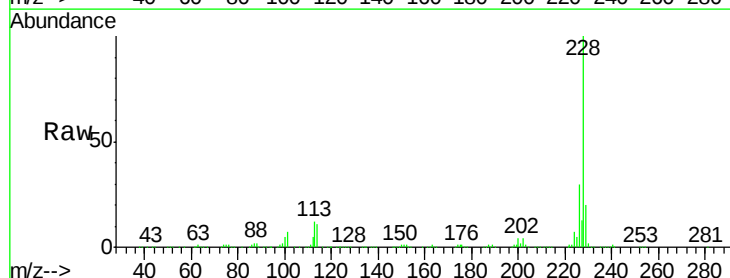
Instrument :
 BNA_F
 ClientSampled :

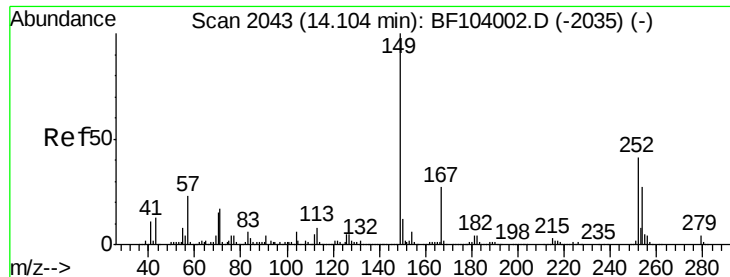
Tot Ion:252 Resp: 229375
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 11.6 11.3 16.9



#82
 Chrysene
 Concen: 41.844 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:228 Resp: 701489
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.8 16.2 24.4

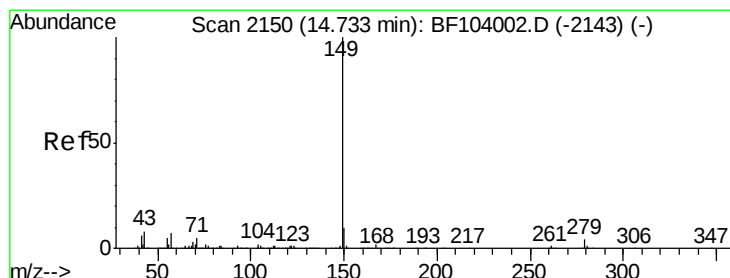
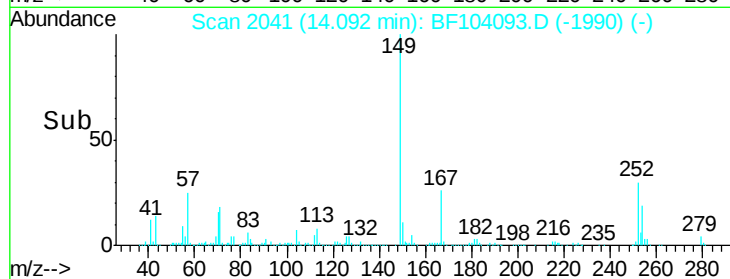
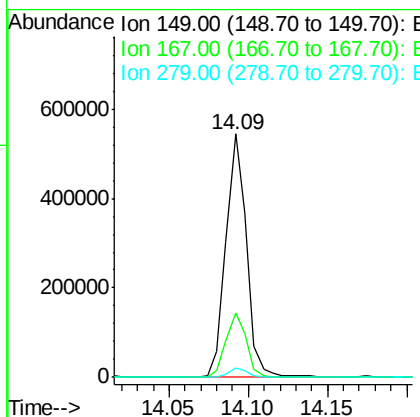
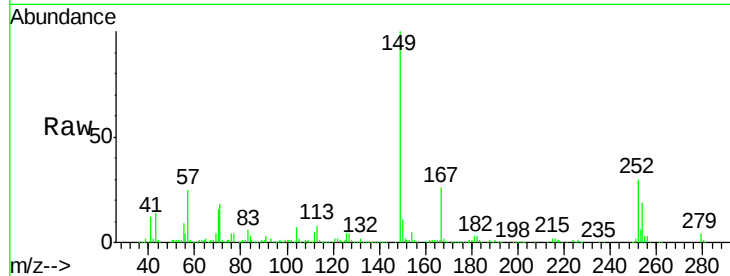




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.764 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

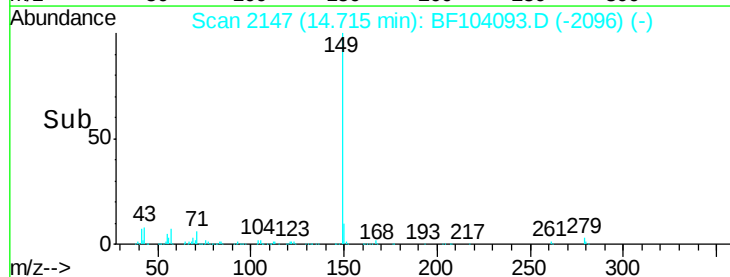
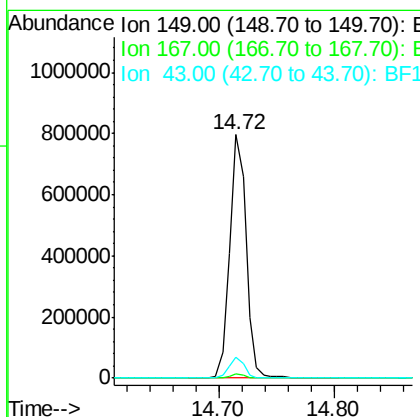
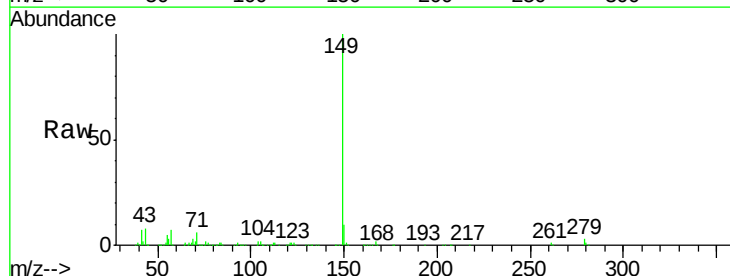
Instrument :
 BNA_F
 ClientSampleId :

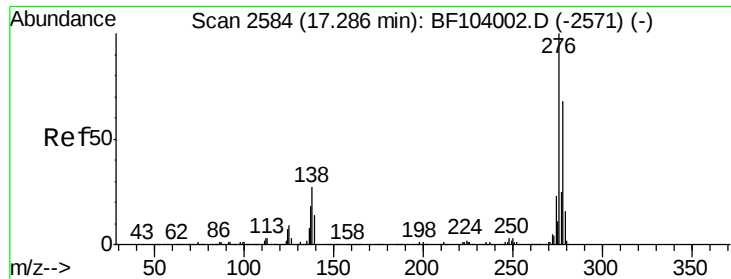
Tot Ion:149 Resp: 487940
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.6 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 38.140 ng
 RT: 14.72 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion:149 Resp: 785319
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.1 8.4 12.6#

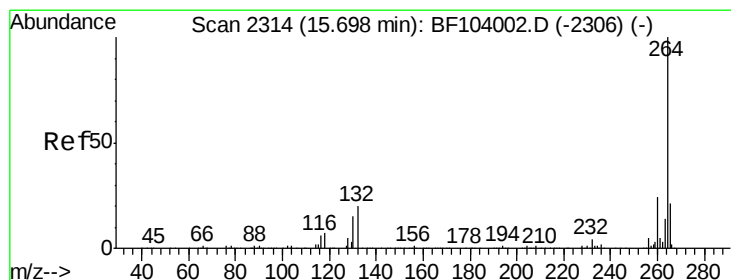
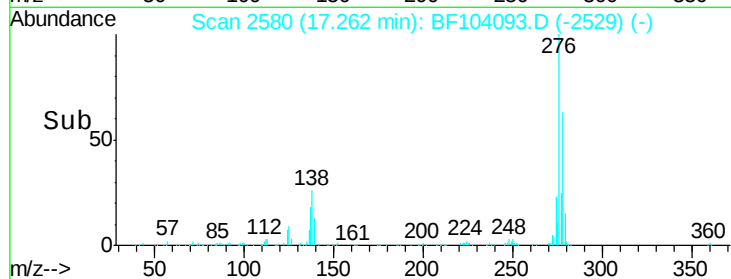
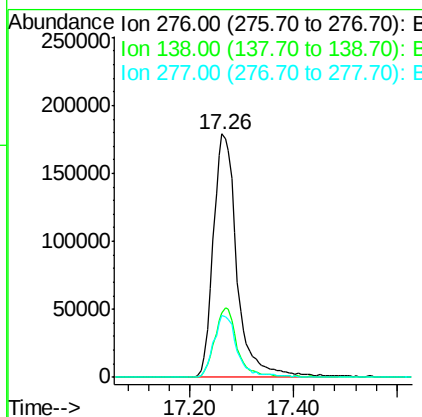
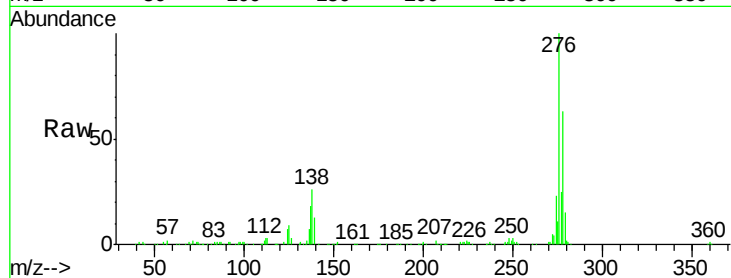




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.826 ng
 RT: 17.26 min Scan# 2580
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

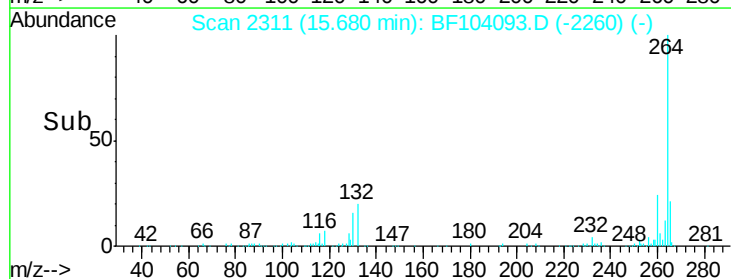
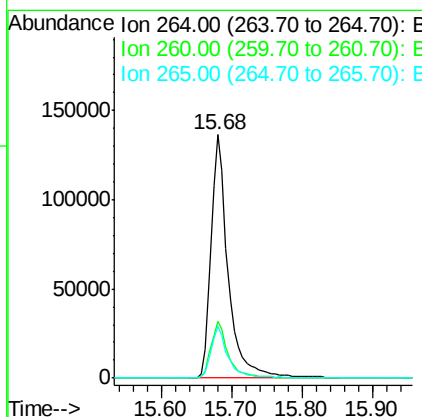
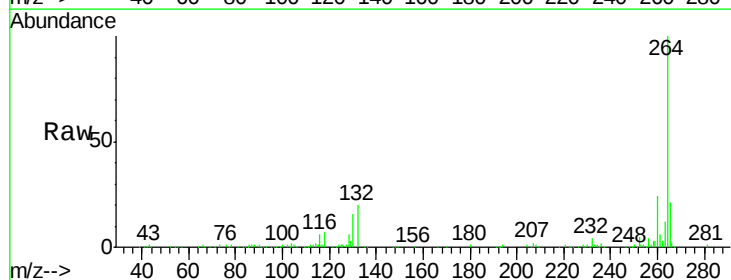
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	25.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BF104093.D
 Acq: 30 Mar 2018 15:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3

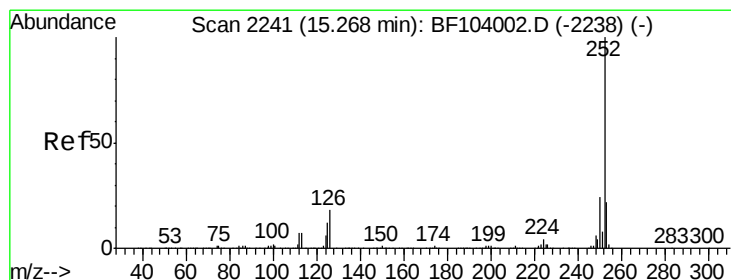
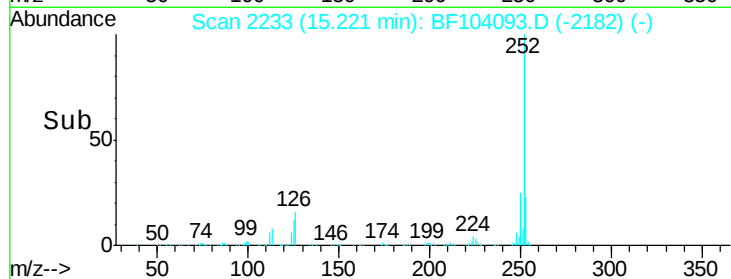
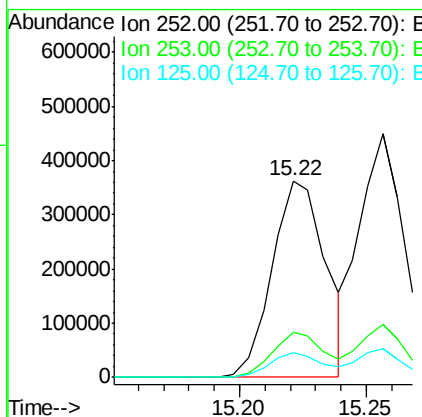
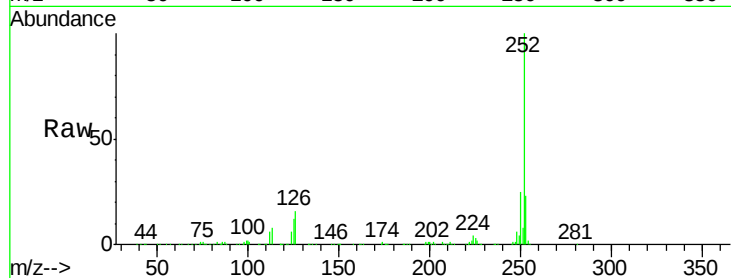




#87
Benzo(b)fluoranthene
Concen: 37.873 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

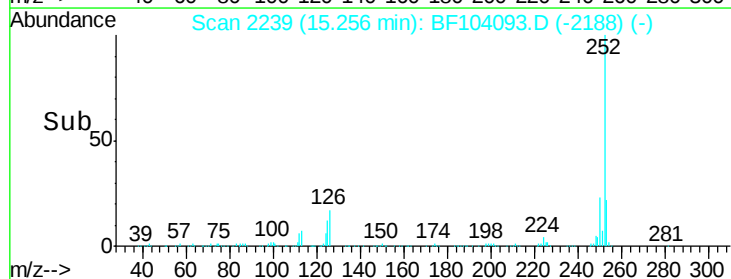
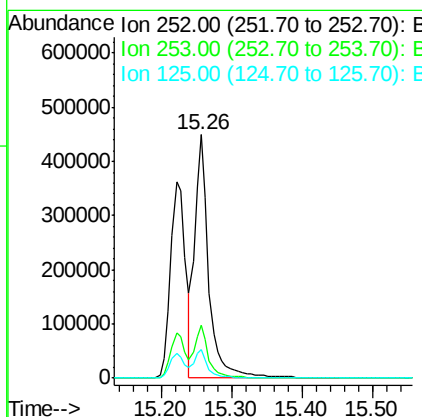
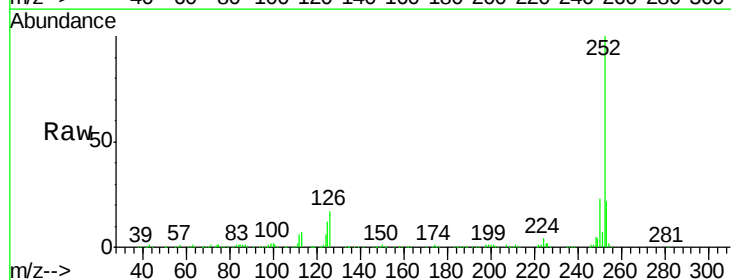
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 534673
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 47.664 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:252 Resp: 633878
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.8 10.2 15.2

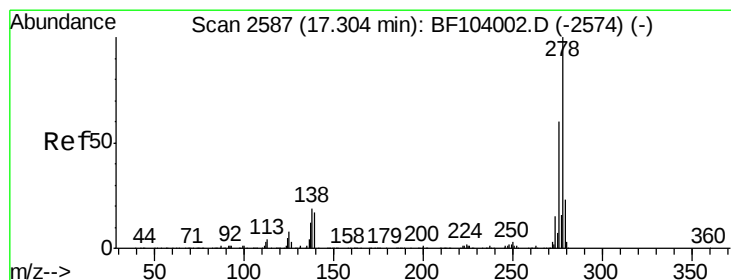
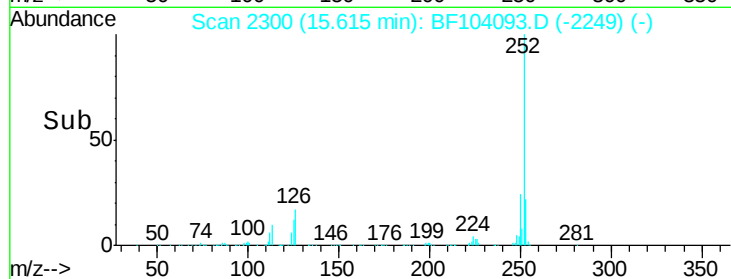
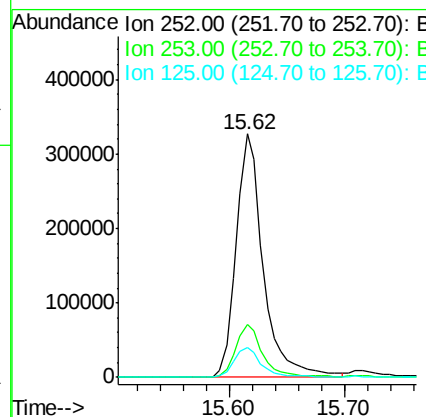
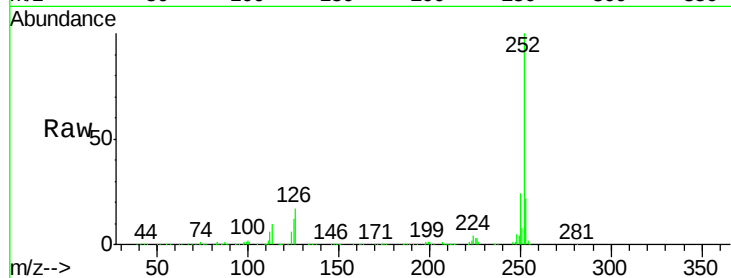




#89
Benzo(a)pyrene
Concen: 40.417 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

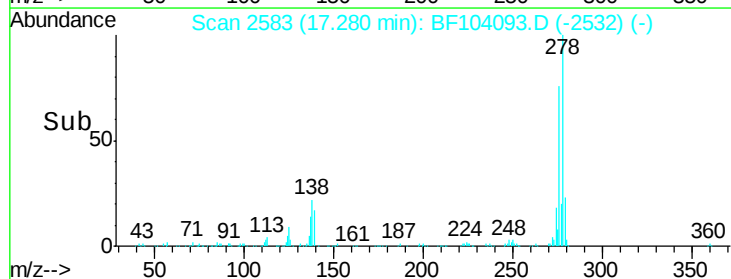
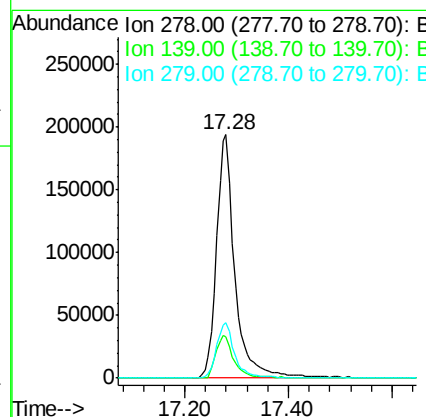
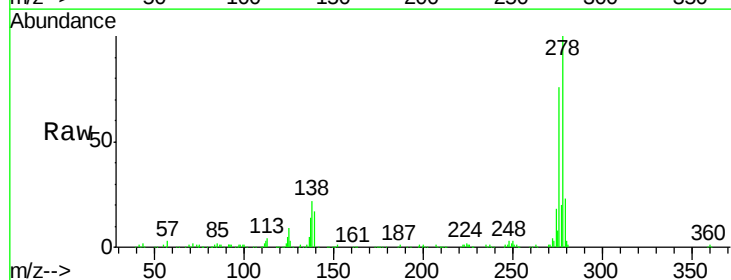
Instrument :
BNA_F
ClientSampleId :

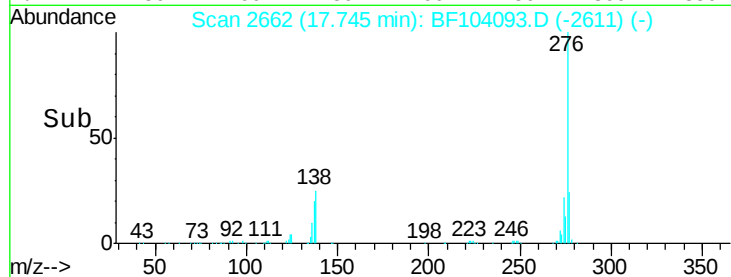
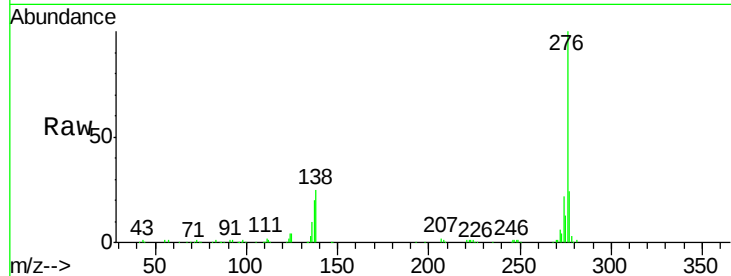
Tot Ion:252 Resp: 528761
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 12.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.701 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.00 min
Lab File: BF104093.D
Acq: 30 Mar 2018 15:27

Tgt Ion:278 Resp: 480217
Ion Ratio Lower Upper
278 100
139 17.0 15.9 23.9
279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.280 ng

RT: 17.74 min Scan# 2662

Delta R.T. 0.00 min

Lab File: BF104093.D

Acq: 30 Mar 2018 15:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 463779

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 24.8 21.8 32.8

