

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104225.D
 Acq On : 4 Apr 2018 15:16
 Operator : JU/SJ
 Sample : PB107885BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 18:07:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	112813	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	482564	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	233675	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	437332	20.00	ng	0.00
75) Chrysene-d12	14.14	240	364543	20.00	ng	0.00
86) Perylene-d12	15.69	264	300025	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	807881	114.20	ng	0.00
7) Phenol-d6	6.60	99	965589	110.95	ng	0.00
23) Nitrobenzene-d5	7.52	82	602986	76.42	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	295105	113.42	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1168853	78.88	ng	0.00
78) Terphenyl-d14	13.07	244	1270002	80.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	96395	31.595	ng	# 85
3) Pyridine	3.69	79	203747	26.379	ng	# 88
4) n-Nitrosodimethylamine	3.65	42	68594	29.878	ng	# 78
6) Aniline	6.63	93	162304	15.578	ng	# 60
8) 2-Chlorophenol	6.75	128	305945	39.427	ng	# 96
9) Benzaldehyde	6.51	77	76090	13.657	ng	# 92
10) Phenol	6.62	94	366159	37.971	ng	# 97
11) bis(2-Chloroethyl)ether	6.69	93	238347	28.683	ng	# 94
12) 1,3-Dichlorobenzene	6.89	146	296600	34.003	ng	# 98
13) 1,4-Dichlorobenzene	6.97	146	332307	35.554	ng	# 98
14) 1,2-Dichlorobenzene	7.12	146	302920	36.058	ng	# 99
15) Benzyl Alcohol	7.10	79	207825	36.727	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	329638	36.412	ng	# 31
17) 2-Methylphenol	7.21	107	231115	36.594	ng	# 81
18) Hexachloroethane	7.45	117	114429	36.567	ng	# 98
19) n-Nitroso-di-n-propylamine	7.36	70	197278	38.195	ng	# 89
20) 3+4-Methylphenols	7.37	107	299761	37.189	ng	# 72
22) Acetophenone	7.36	105	424701	36.375	ng	# 97
24) Nitrobenzene	7.54	77	279392	33.652	ng	# 97
25) Isophorone	7.76	82	571669	39.312	ng	# 98
26) 2-Nitrophenol	7.85	139	161914	37.361	ng	# 94
27) 2,4-Dimethylphenol	7.89	122	255488	40.877	ng	# 98
28) bis(2-Chloroethoxy)methane	7.97	93	355923	39.052	ng	# 100
29) 2,4-Dichlorophenol	8.10	162	256700	39.321	ng	# 98
30) 1,2,4-Trichlorobenzene	8.17	180	260990	35.235	ng	# 99
31) Naphthalene	8.25	128	886259	37.593	ng	# 99
32) Benzoic acid	8.03	122	161498	35.272	ng	# 91
33) 4-Chloroaniline	8.32	127	77357	7.783	ng	# 92
34) Hexachlorobutadiene	8.36	225	140565	34.873	ng	# 100
35) Caprolactam	8.69	113	44663	21.576	ng	# 73
36) 4-Chloro-3-methylphenol	8.80	107	274504	39.754	ng	# 96
37) 2-Methylnaphthalene	8.95	142	577893	37.214	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	257864	35.986	ng	# 99
40) Hexachlorocyclopentadiene	9.09	237	187473	57.226	ng	# 99

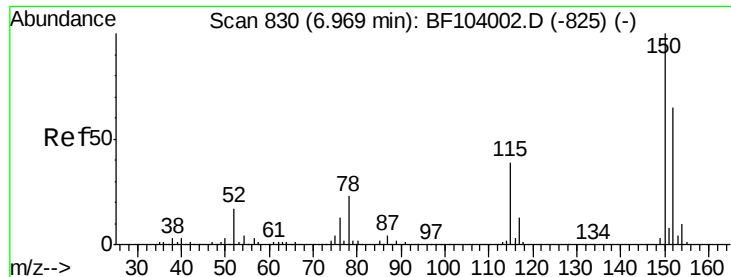
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	164328	36.216	ng	98
43) 2,4,5-Trichlorophenol	9.28	196	185840	33.921	ng	95
45) 1,1'-Biphenyl	9.41	154	714170	35.609	ng	98
46) 2-Chloronaphthalene	9.44	162	560847	35.452	ng	98
47) 2-Nitroaniline	9.55	65	161733	35.852	ng	91
48) Acenaphthylene	9.86	152	830928	34.670	ng	99
49) Dimethylphthalate	9.71	163	652642	35.375	ng	99
50) 2,6-Dinitrotoluene	9.78	165	147191	37.083	ng	97
51) Acenaphthene	10.03	154	482190	34.778	ng	99
52) 3-Nitroaniline	9.97	138	82905	18.170	ng	98
53) 2,4-Dinitrophenol	10.07	184	103509	61.146	ng	# 26
54) Dibenzofuran	10.20	168	728808	35.996	ng	96
55) 4-Nitrophenol	10.15	139	145104	53.038	ng	94
56) 2,4-Dinitrotoluene	10.19	165	187600	37.039	ng	# 96
57) Fluorene	10.55	166	607845	36.395	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	169904	41.393	ng	# 86
59) Diethylphthalate	10.40	149	655416	37.083	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	290502	37.872	ng	97
61) 4-Nitroaniline	10.60	138	144044	33.739	ng	91
62) Azobenzene	10.69	77	593238	37.120	ng	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	86019	32.493	ng	85
65) n-Nitrosodiphenylamine	10.66	169	535205	36.136	ng	100
66) 4-Bromophenyl-phenylether	11.02	248	173093	36.995	ng	91
67) Hexachlorobenzene	11.09	284	192170	35.705	ng	# 86
68) Atrazine	11.18	200	174795	38.523	ng	99
69) Pentachlorophenol	11.29	266	180011	60.781	ng	98
70) Phenanthrene	11.52	178	850823	35.934	ng	99
71) Anthracene	11.57	178	983557	39.768	ng	99
72) Carbazole	11.73	167	874800	37.060	ng	99
73) Di-n-butylphthalate	12.03	149	1015274	36.109	ng	99
74) Fluoranthene	12.70	202	943426	37.485	ng	100
76) Benzidine	12.84	184	89970	8.660	ng	99
77) Pyrene	12.94	202	938573	35.816	ng	99
79) Butylbenzylphthalate	13.53	149	447350	36.234	ng	99
80) Benzo(a)anthracene	14.13	228	803624	35.231	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	168266	22.286	ng	98
82) Chrysene	14.17	228	847255	37.923	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	596306	37.381	ng	99
84) Di-n-octyl phthalate	14.71	149	986292	35.943	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.28	276	593188	25.622	ng	97
87) Benzo(b)fluoranthene	15.23	252	704217	38.568	ng	99
88) Benzo(k)fluoranthene	15.26	252	742516	43.169	ng	98
89) Benzo(a)pyrene	15.62	252	658116	38.894	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	494072	31.582	ng	98
91) Benzo(g,h,i)perylene	17.76	276	485658	30.994	ng	96

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

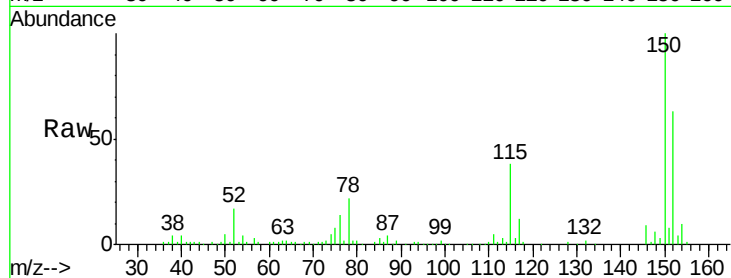


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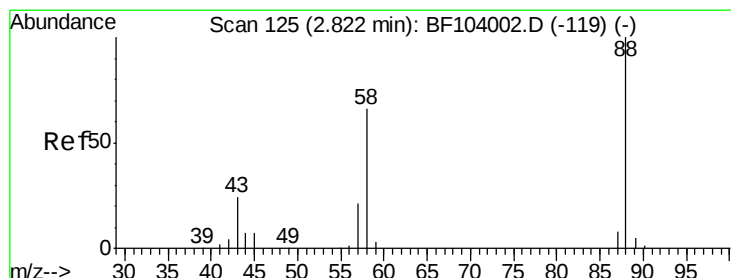
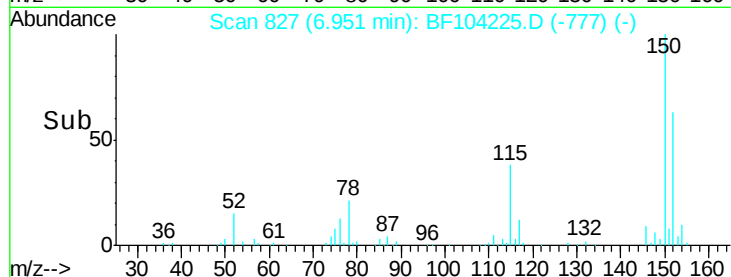
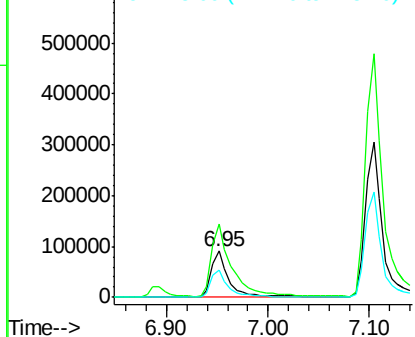
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112813
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 60.2 50.1 75.1



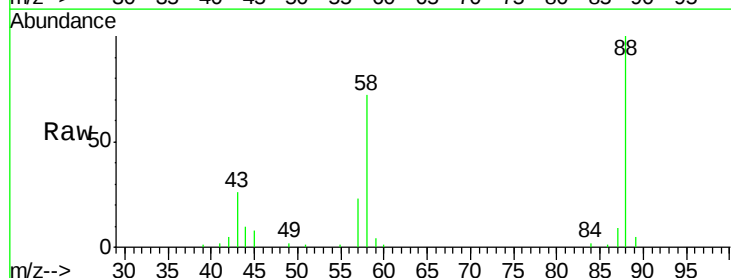
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



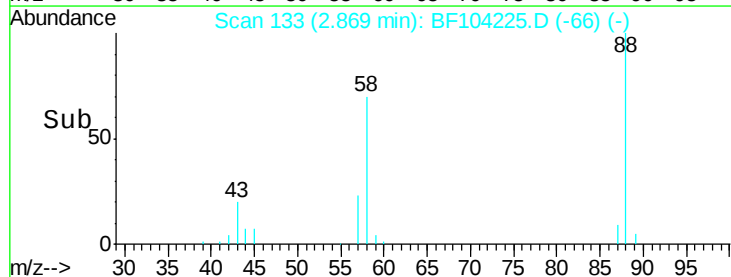
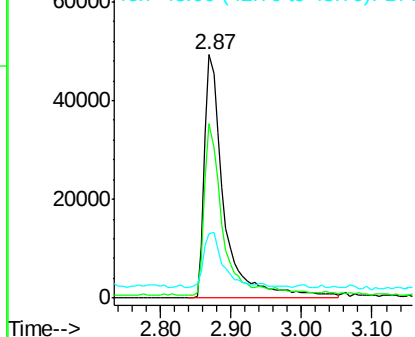
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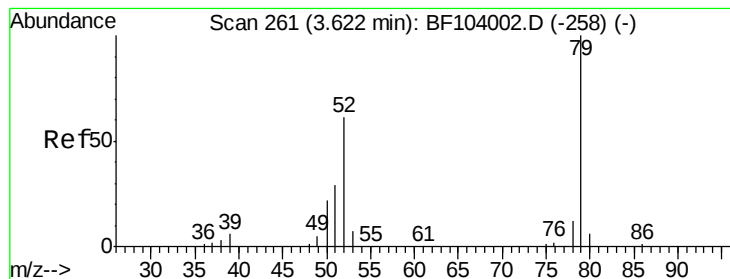
1,4-Dioxane
Concen: 31.595 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.09 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion: 88 Resp: 96395
Ion Ratio Lower Upper
88 100
58 65.7 62.6 93.8
43 21.4 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 26.379 ng

RT: 3.69 min Scan# 272

Delta R.T. 0.08 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

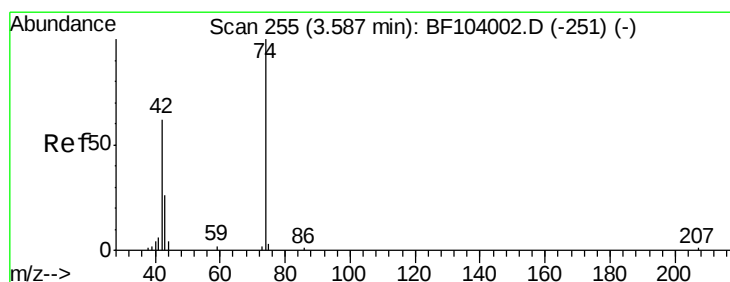
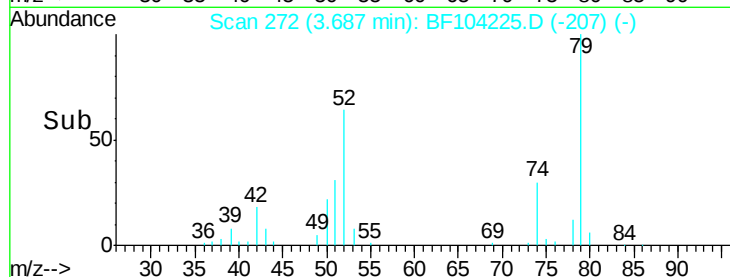
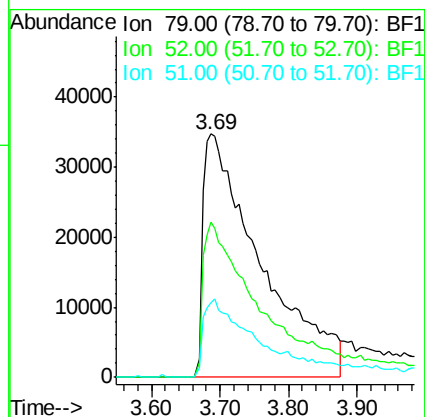
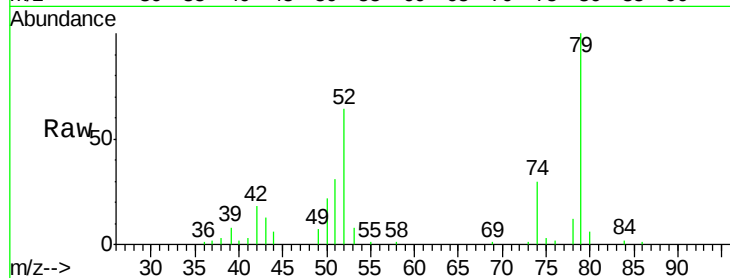
Tot Ion: 79 Resp: 203747

Ion Ratio Lower Upper

79 100

52 63.8 59.8 89.6

51 30.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 29.878 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.06 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

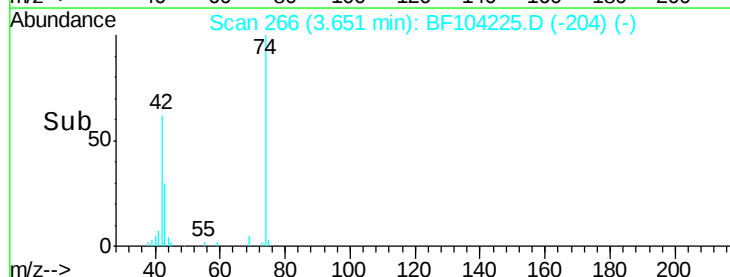
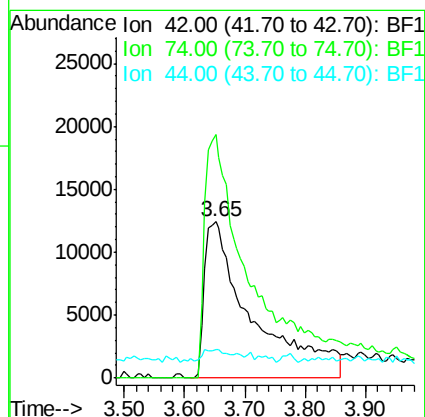
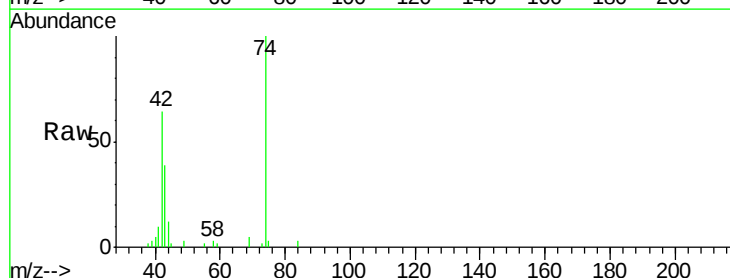
Tgt Ion: 42 Resp: 68594

Ion Ratio Lower Upper

42 100

74 155.9 104.9 157.3

44 18.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 114.204 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampled :

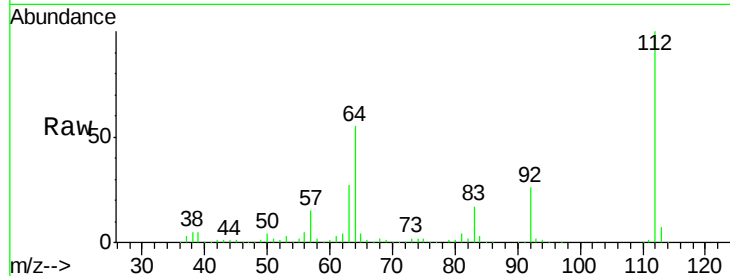
Tot Ion:112 Resp: 807881

Ion Ratio Lower Upper

112 100

64 54.9 47.9 71.9

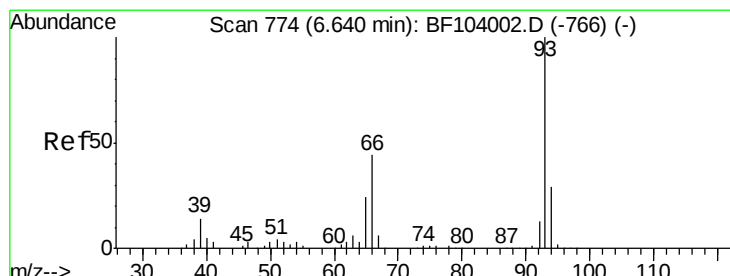
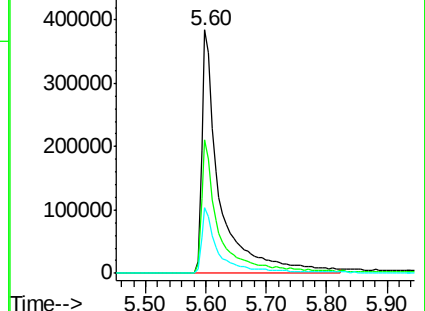
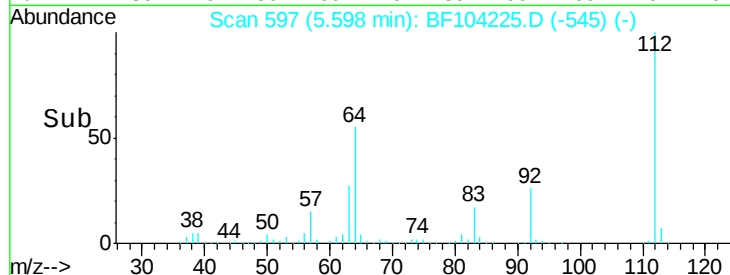
63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.578 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

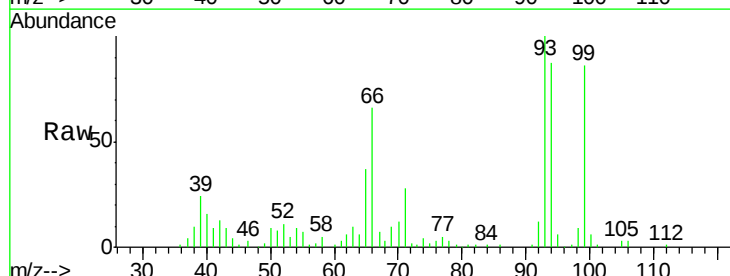
Tgt Ion: 93 Resp: 162304

Ion Ratio Lower Upper

93 100

66 66.0 32.2 48.2#

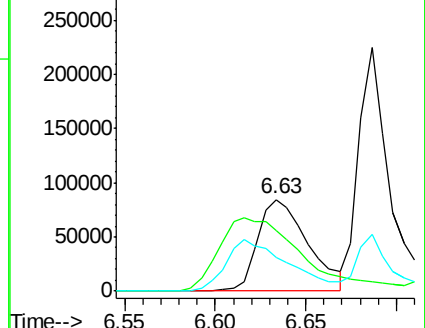
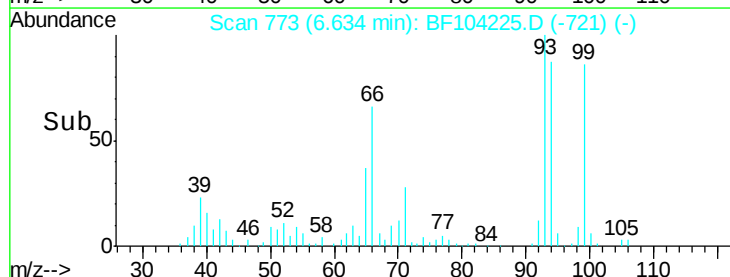
65 37.0 16.4 24.6#

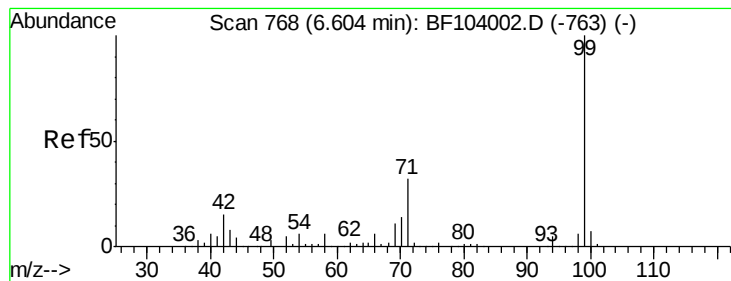


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.947 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

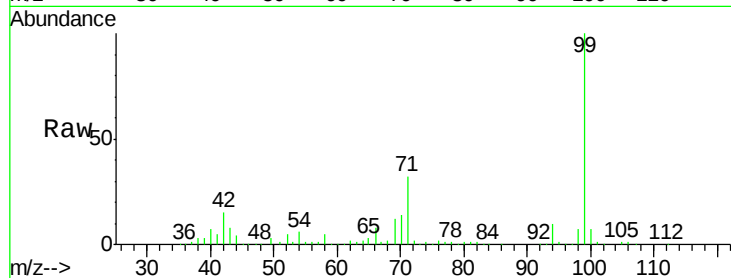
Tot Ion: 99 Resp: 965589

Ion Ratio Lower Upper

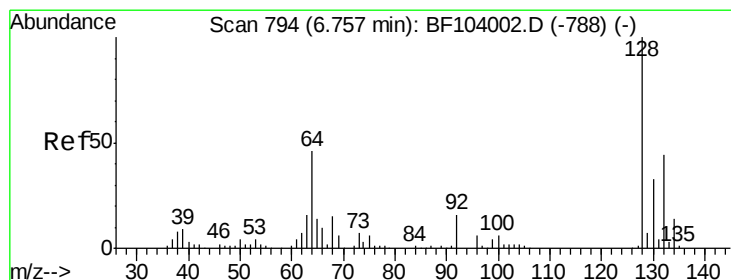
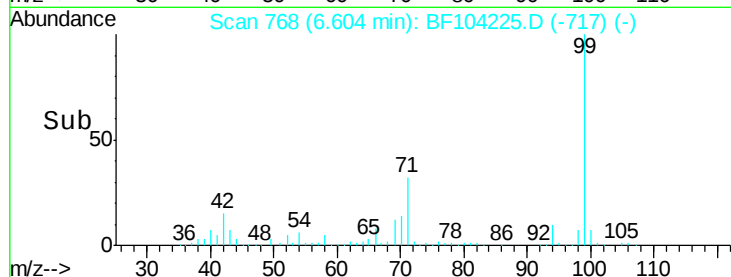
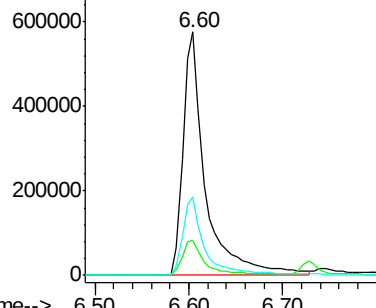
99 100

42 14.6 14.5 21.7

71 32.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.427 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

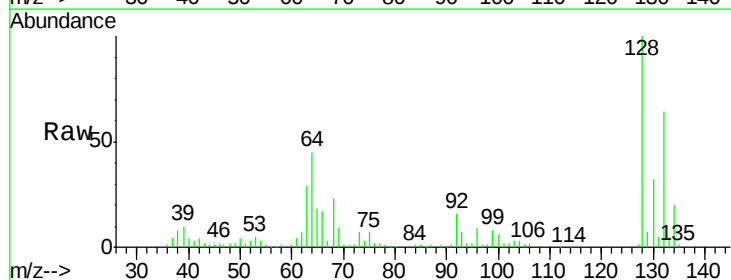
Tgt Ion:128 Resp: 305945

Ion Ratio Lower Upper

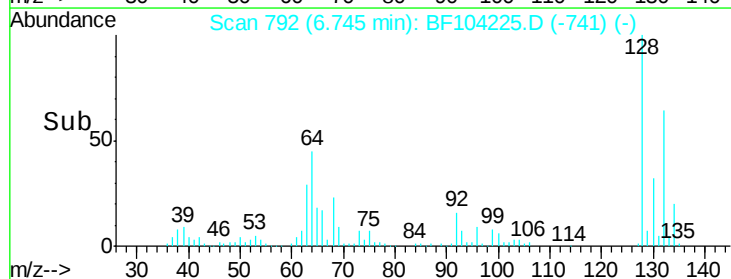
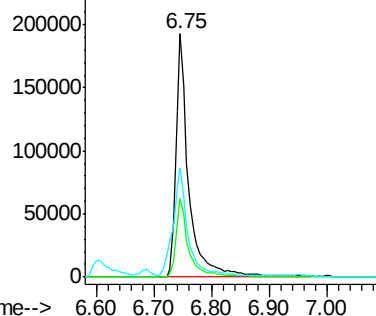
128 100

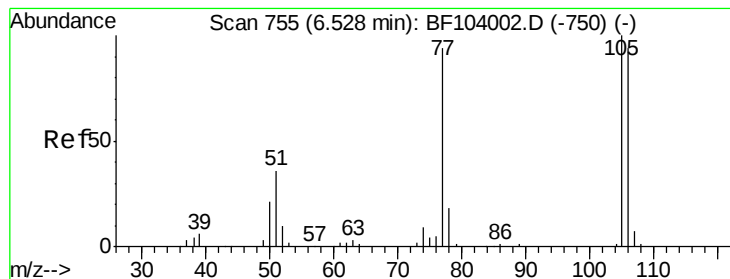
130 32.4 13.0 53.0

64 45.0 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: 13.657 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

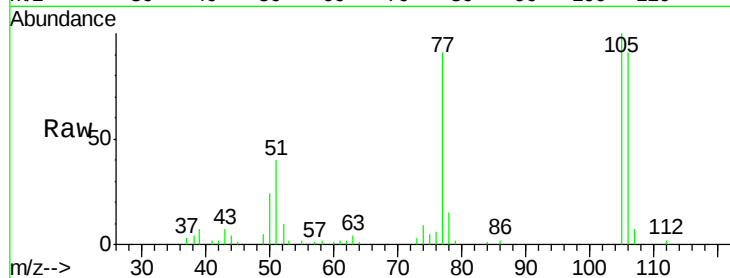
Tot Ion: 77 Resp: 76090

Ion Ratio Lower Upper

77 100

105 110.0 81.1 121.1

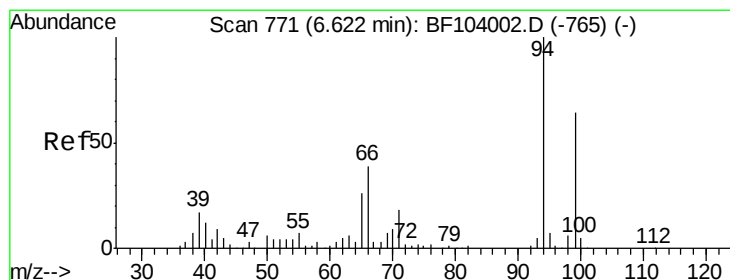
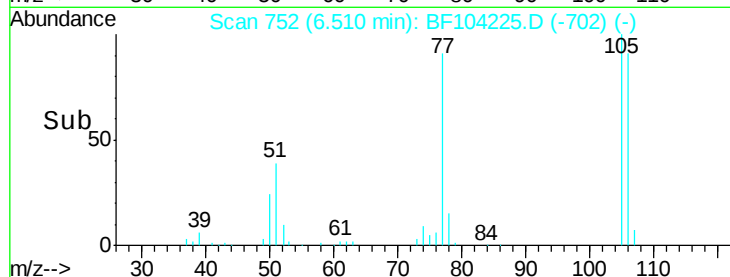
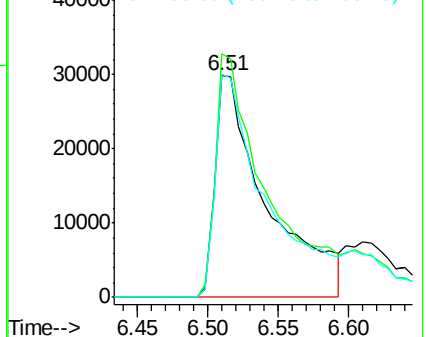
106 100.6 74.5 114.5



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: 37.971 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

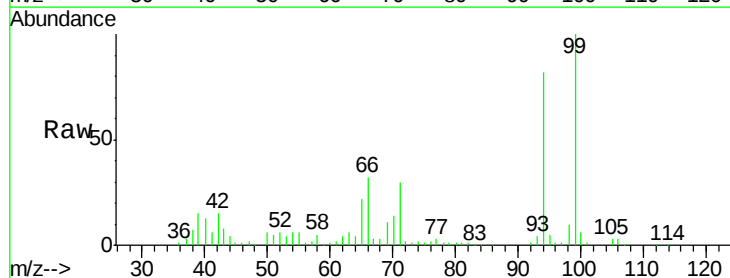
Tgt Ion: 94 Resp: 366159

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

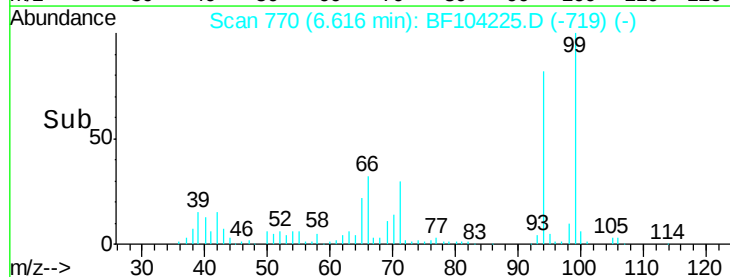
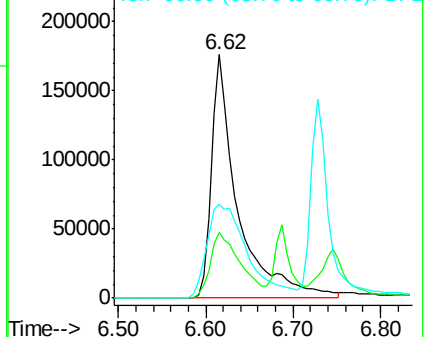
66 38.4 16.2 56.2

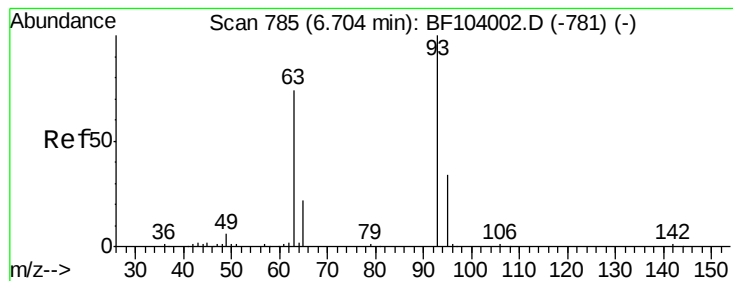


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

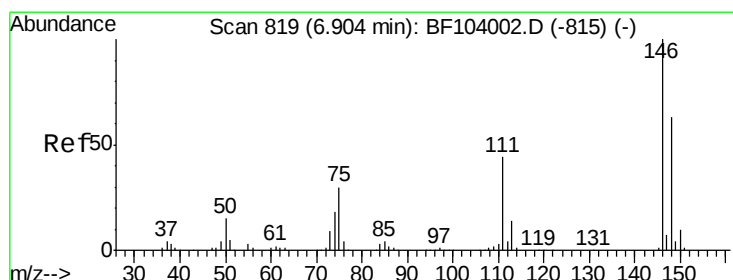
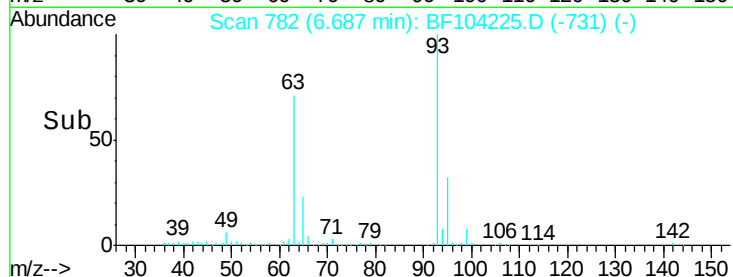
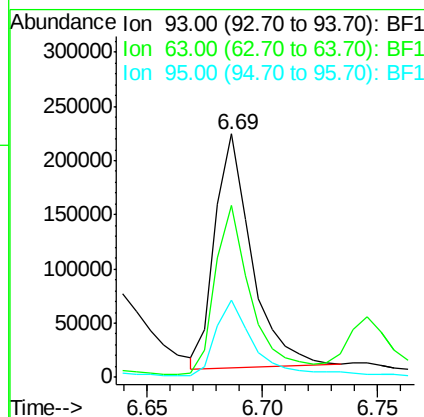
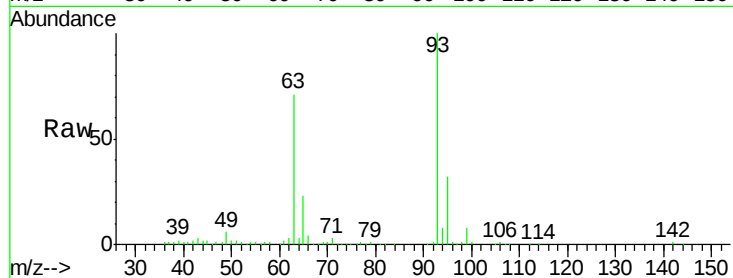




#11
bis(2-Chloroethyl)ether
Concen: 28.683 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

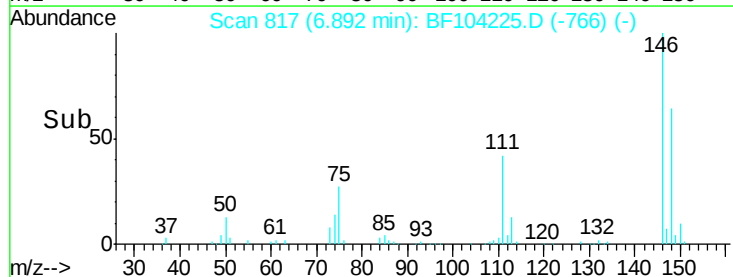
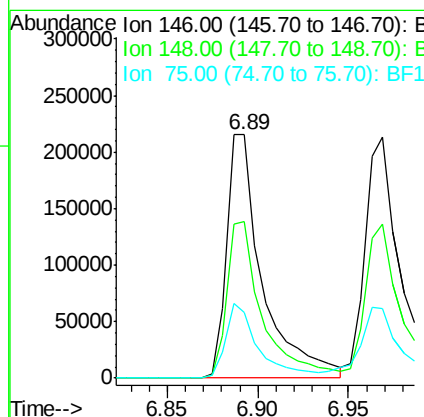
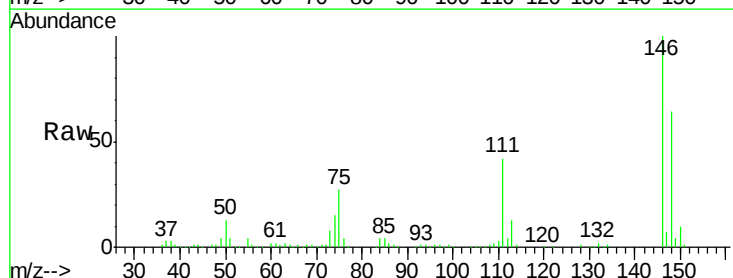
Instrument :
BNA_F
ClientSampleId :

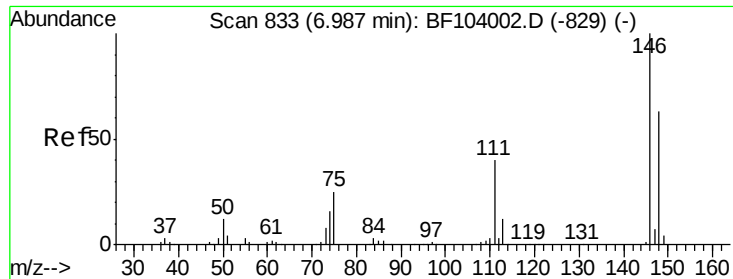
Tot Ion	93	Resp	238347
Ion Ratio	Lower	Upper	
93	100		
63	70.8	58.6	98.6
95	31.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 34.003 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	146	Resp	296600
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	27.1	24.2	36.4

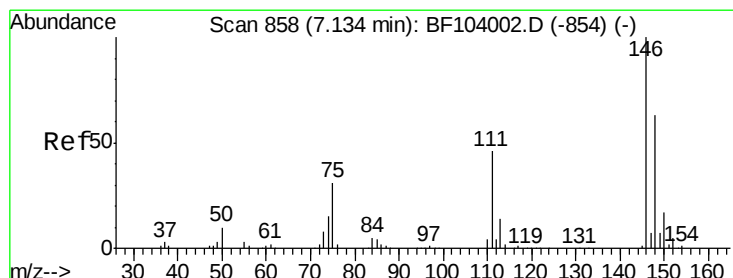
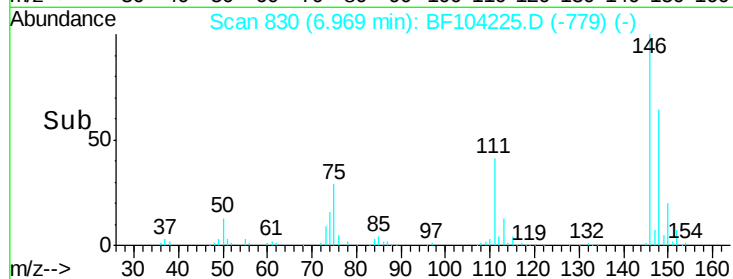
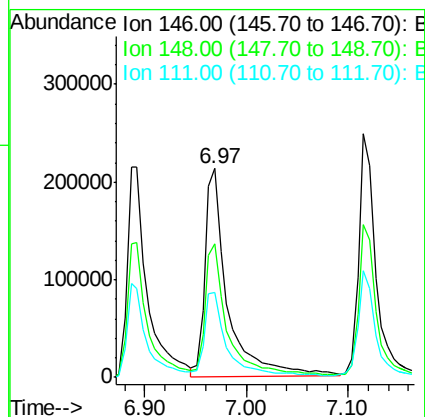
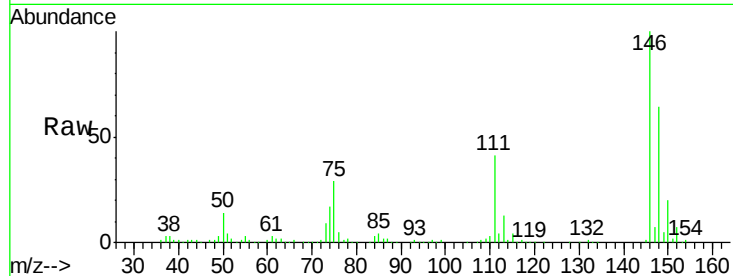




#13
 1,4-Dichlorobenzene
 Concen: 35.554 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

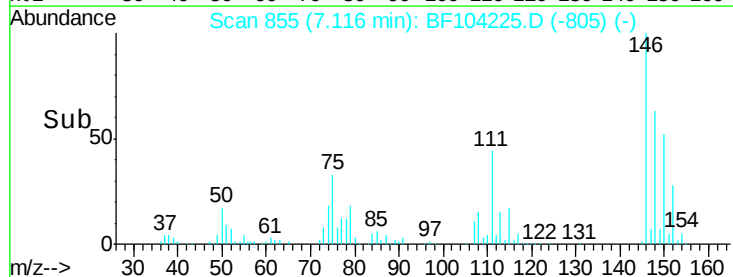
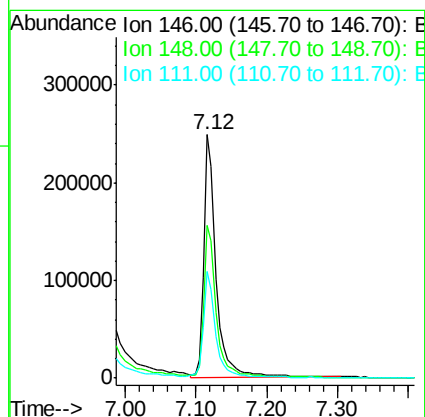
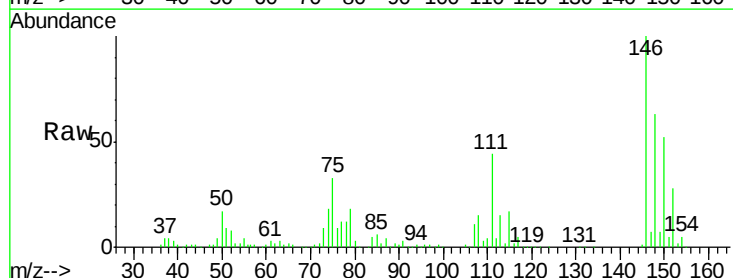
Instrument :
 BNA_F
 ClientSampleId :

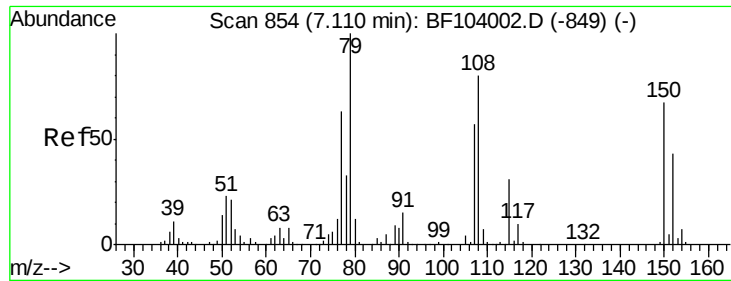
Tot Ion:146 Resp: 332307
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 40.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.058 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:146 Resp: 302920
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 75.8
 111 43.9 36.0 54.0

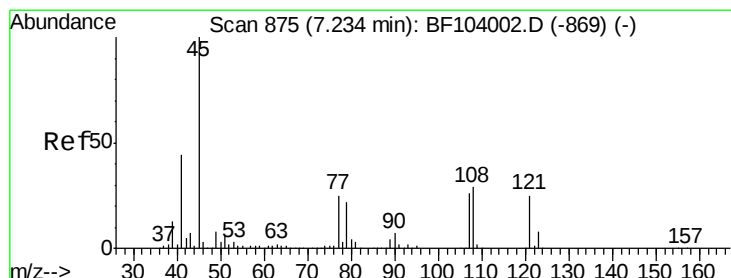
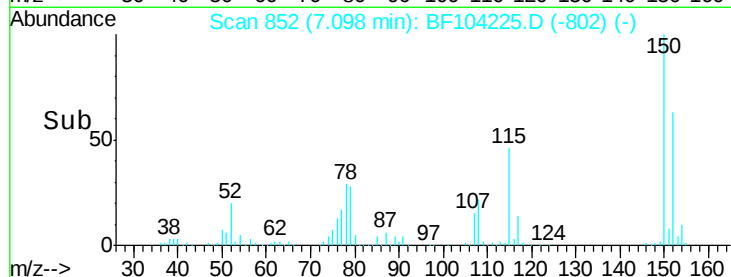
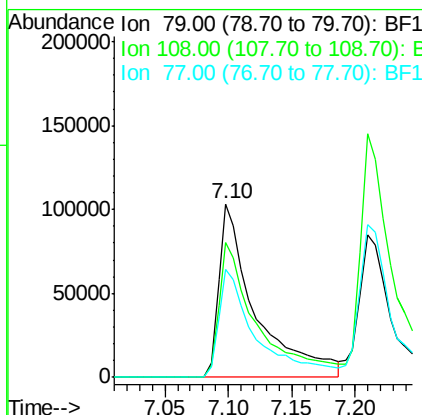
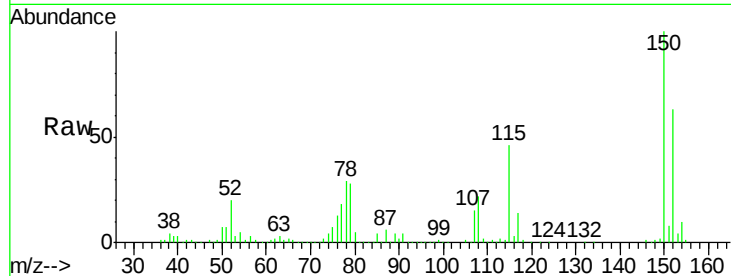




#15
Benzyl Alcohol
Concen: 36.727 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

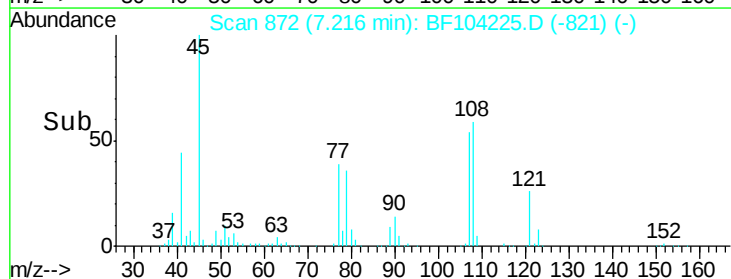
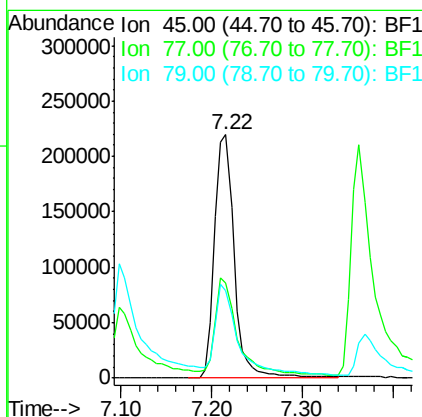
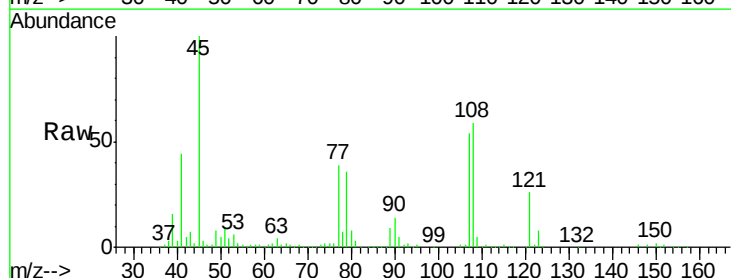
Instrument :
BNA_F
ClientSampled :

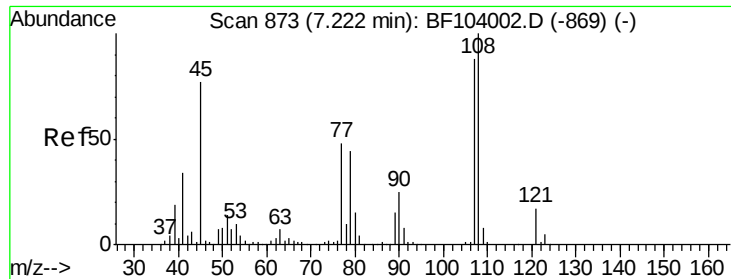
Tot Ion: 79 Resp: 207825
Ion Ratio Lower Upper
79 100
108 77.6 65.1 97.7
77 62.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.412 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion: 45 Resp: 329638
Ion Ratio Lower Upper
45 100
77 39.3 0.0 32.9#
79 35.7 0.0 29.6#





#17

2-Methylphenol

Concen: 36.594 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 231115

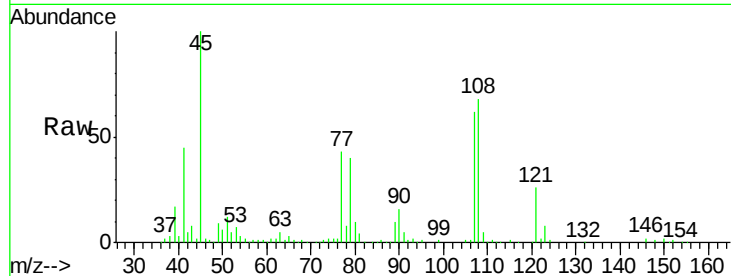
Ion Ratio Lower Upper

107 100

108 110.0 91.7 137.5

77 68.9 33.8 50.8#

79 64.3 33.8 50.8#

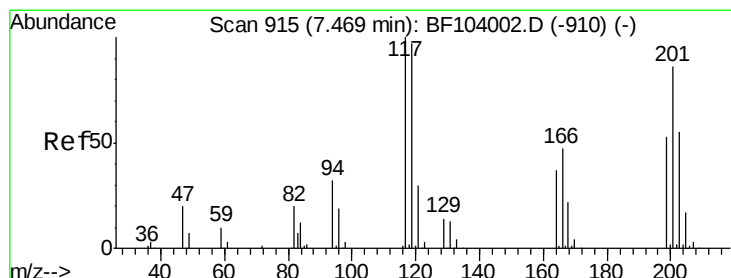
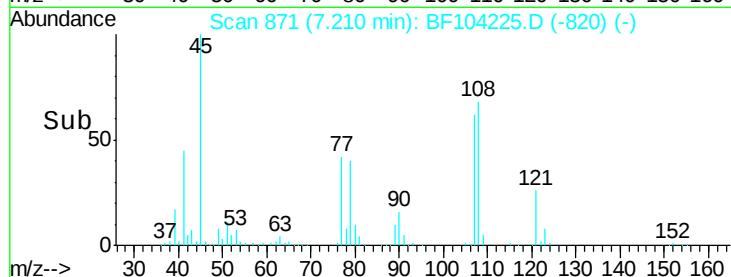
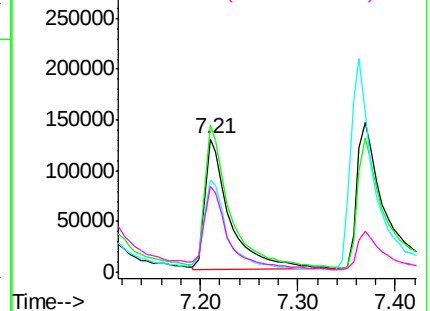


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.567 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

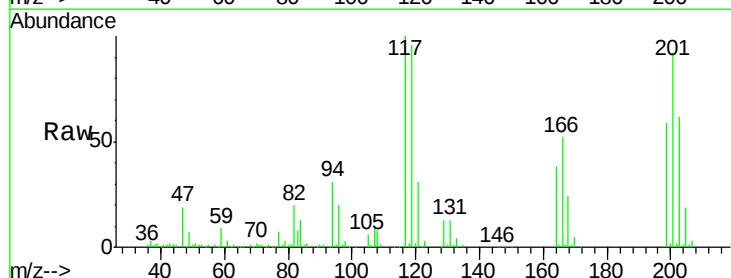
Tgt Ion:117 Resp: 114429

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

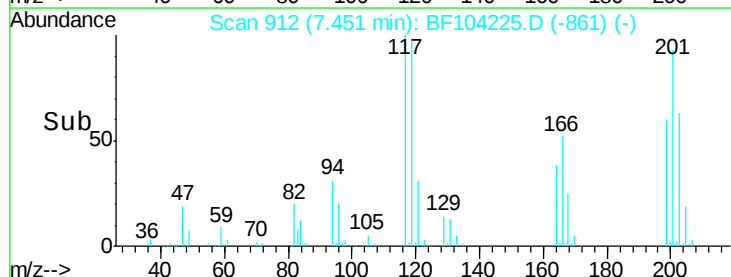
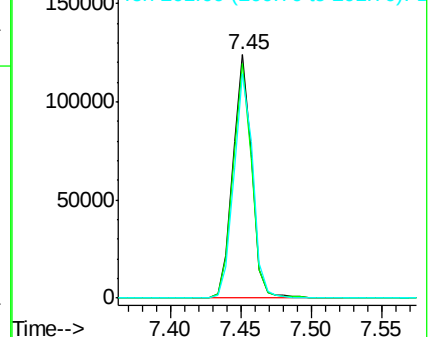
201 92.0 75.7 113.5

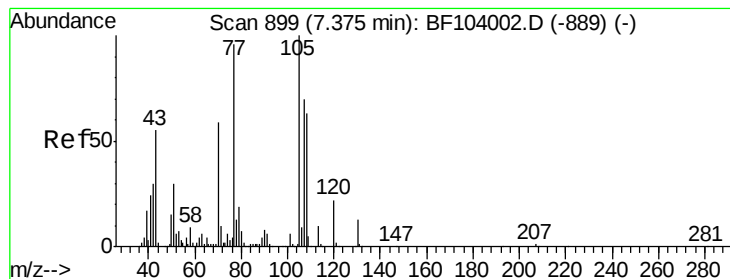


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.195 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 197278

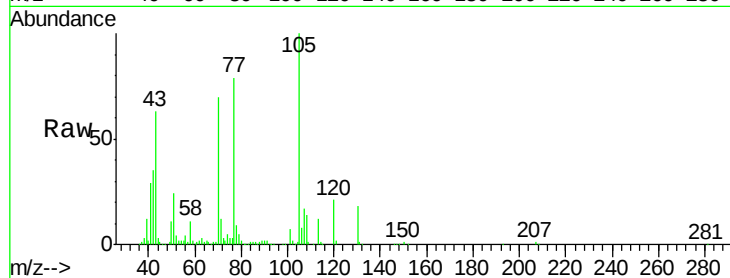
Ion Ratio Lower Upper

70 100

42 50.2 47.5 71.3

101 10.3 7.4 11.2

130 25.2 16.6 25.0#

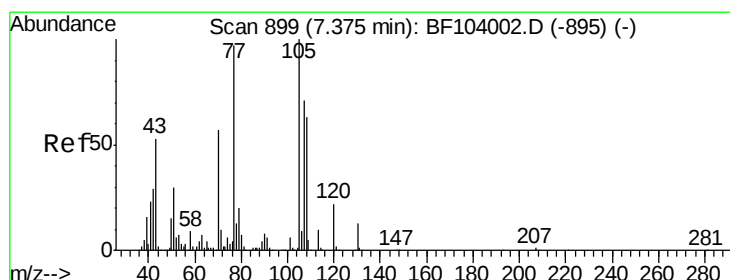
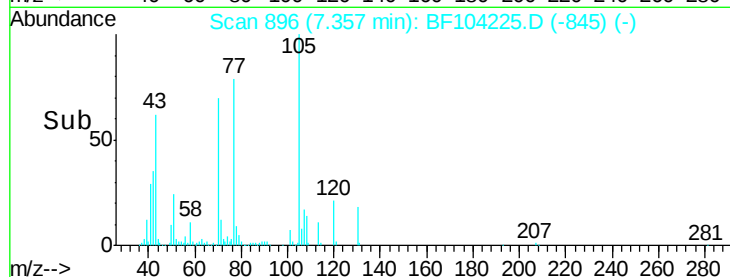
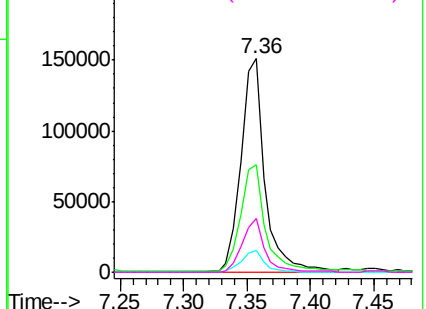


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.189 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion: 107 Resp: 299761

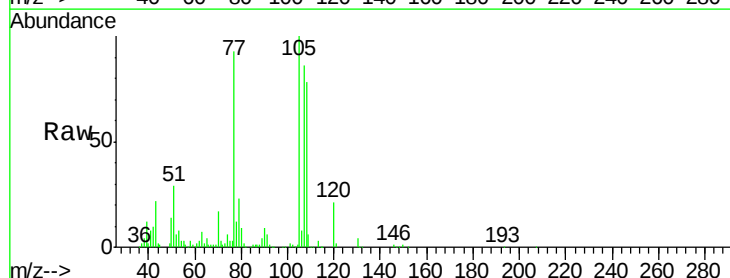
Ion Ratio Lower Upper

107 100

108 89.8 68.2 108.2

77 107.4 26.7 66.7#

79 27.1 6.3 46.3

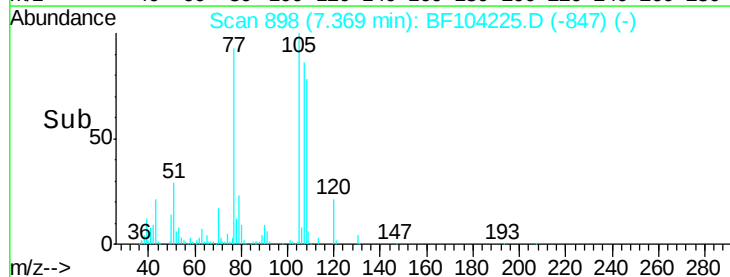
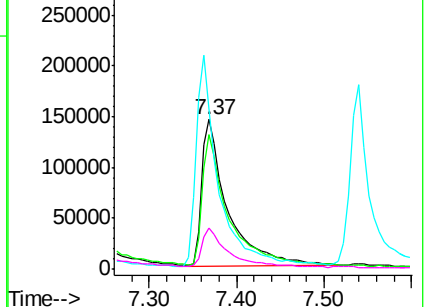


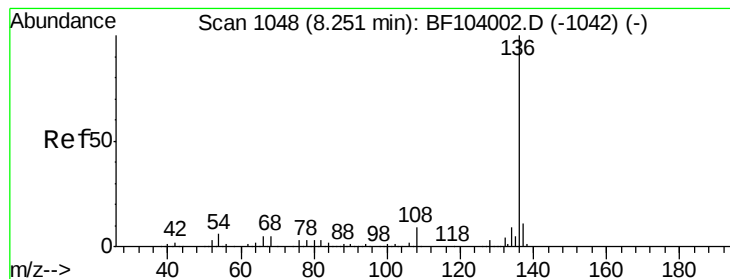
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 482564

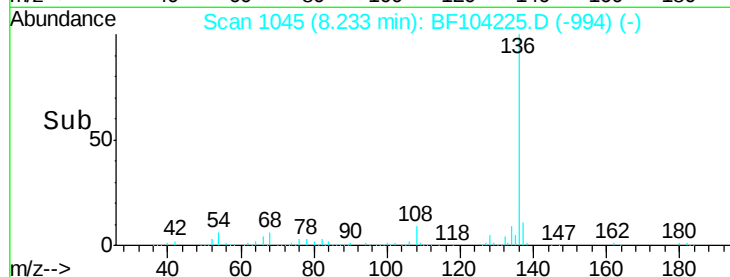
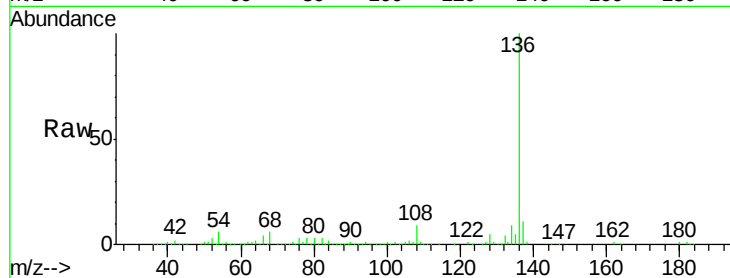
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.2 6.6 9.8#

68 5.7 5.0 7.4



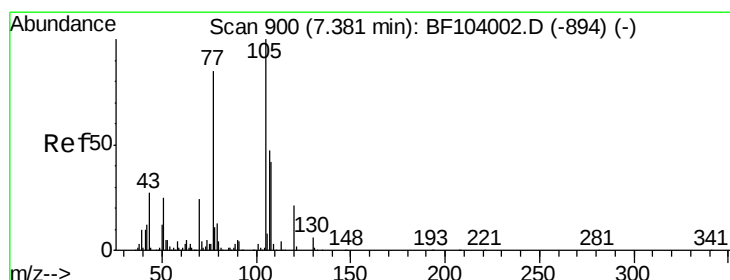
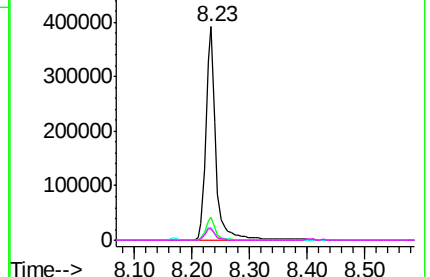
Abundance Ion 136.00 (135.70 to 136.70): E

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

8.23



#22

Acetophenone

Concen: 36.375 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:105 Resp: 424701

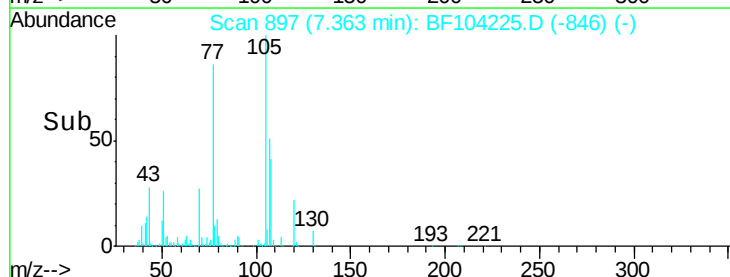
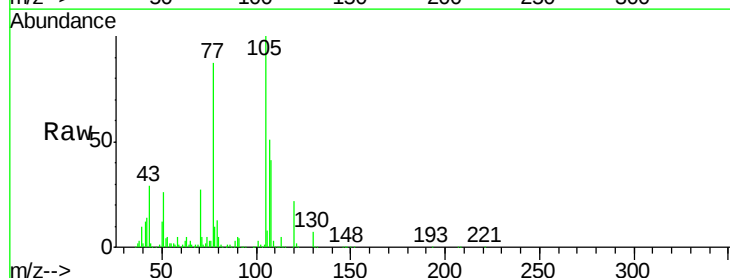
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 25.8 22.3 33.5

120 21.6 16.9 25.3



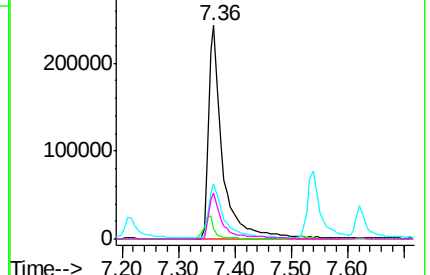
Abundance Ion 105.00 (104.70 to 105.70): E

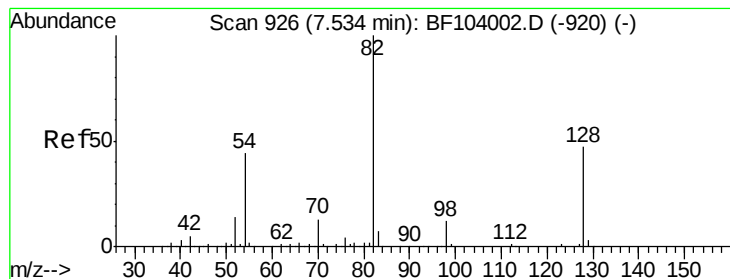
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

7.36





#23

Nitrobenzene-d5

Concen: 76.417 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

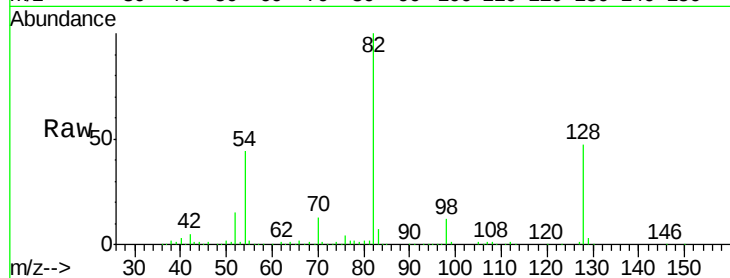
Tot Ion: 82 Resp: 602986

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

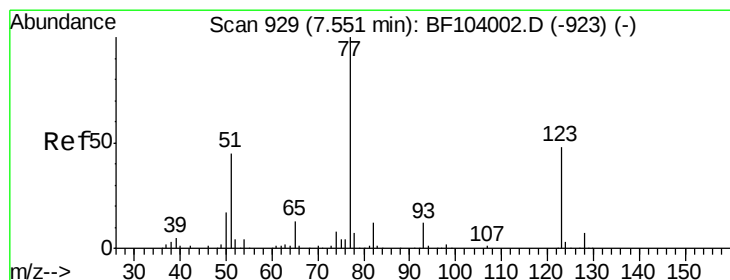
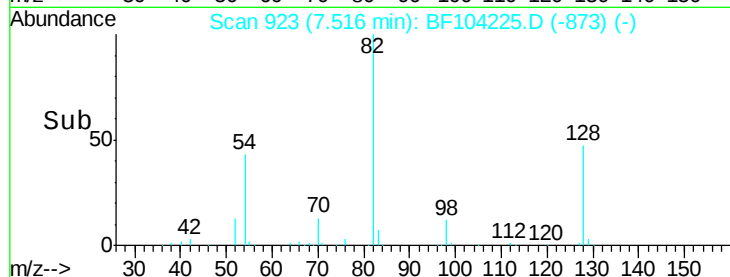
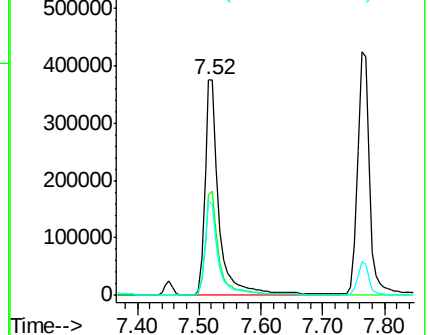
54 43.8 41.4 62.2



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: 33.652 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

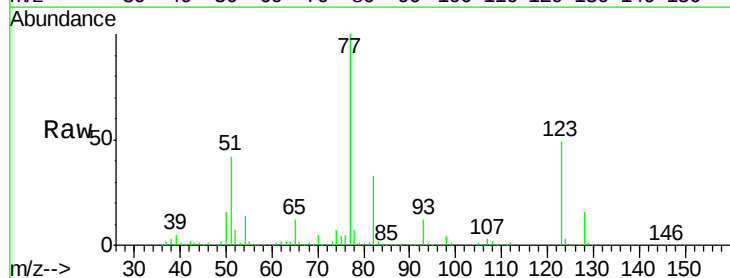
Tgt Ion: 77 Resp: 279392

Ion Ratio Lower Upper

77 100

123 49.1 37.9 56.9

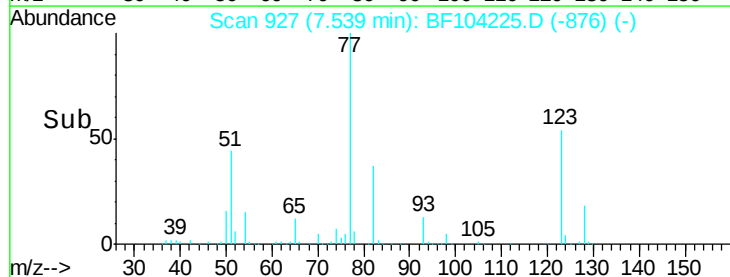
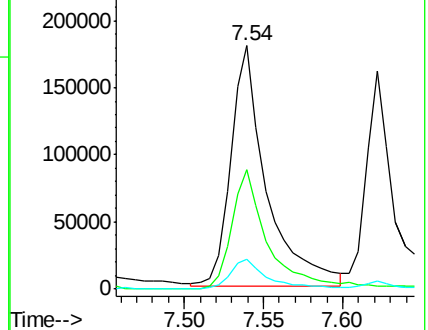
65 12.1 11.0 16.4

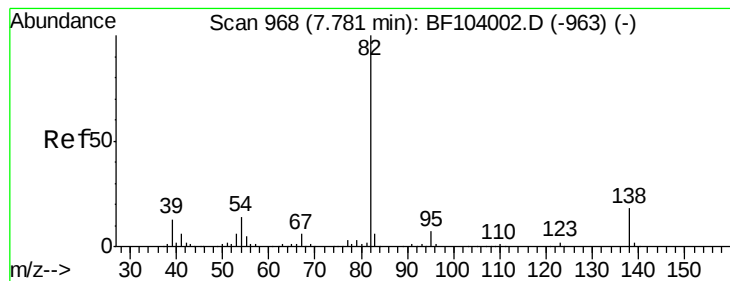


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.312 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

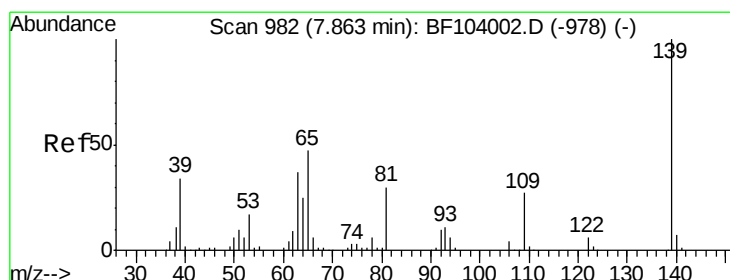
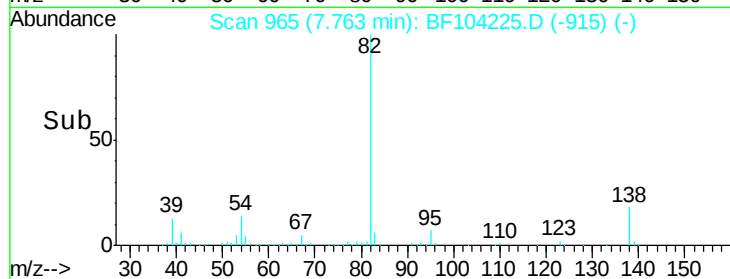
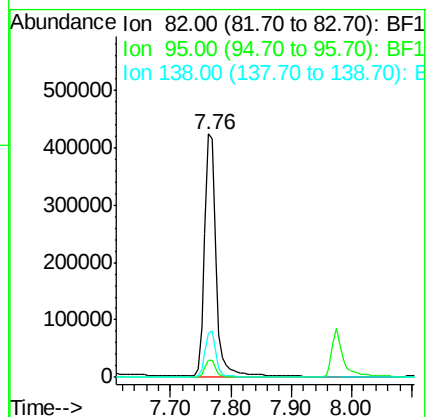
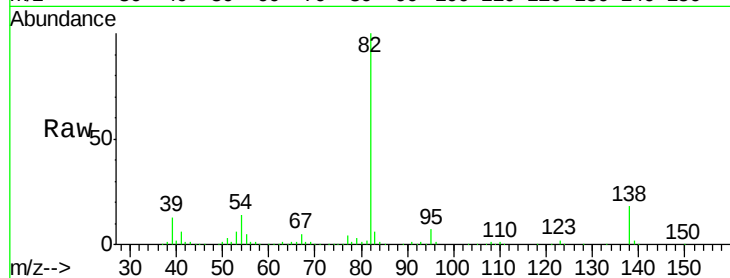
Tot Ion: 82 Resp: 571669

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 37.361 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

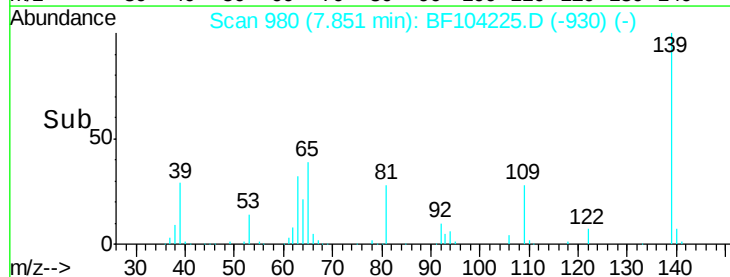
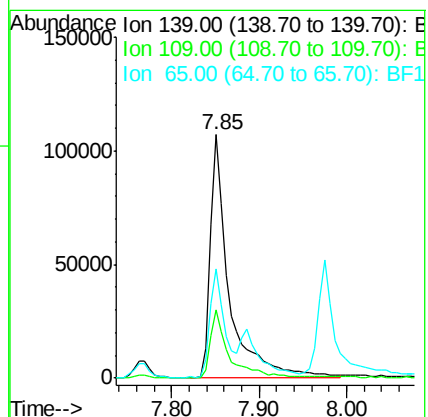
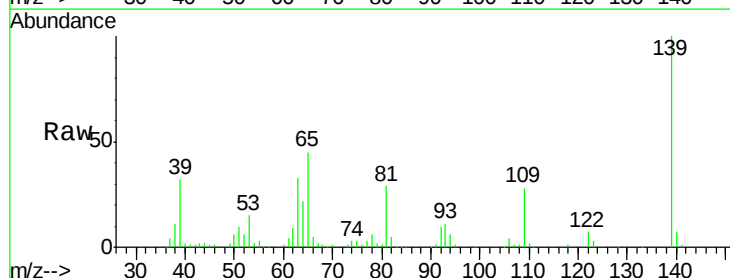
Tgt Ion: 139 Resp: 161914

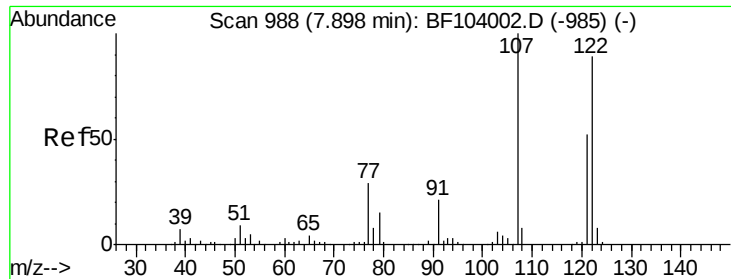
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 44.7 40.5 60.7

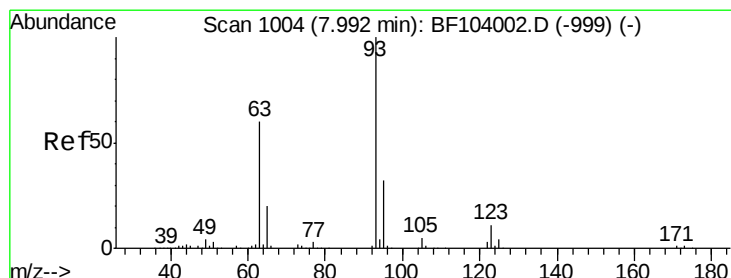
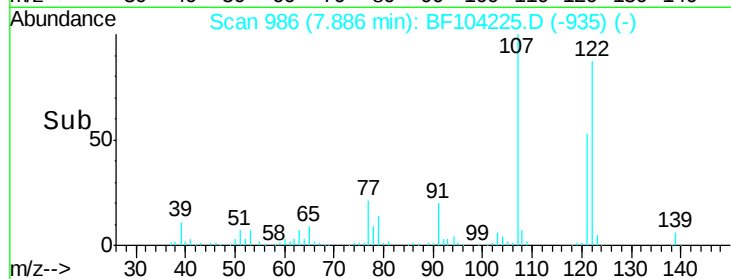
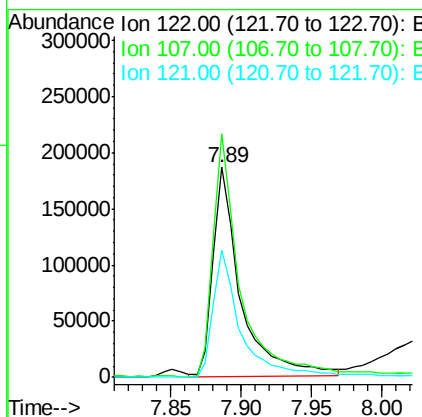
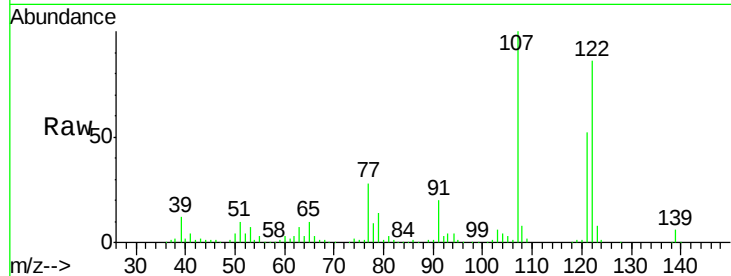




#27
 2,4-Dimethylphenol
 Concen: 40.877 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

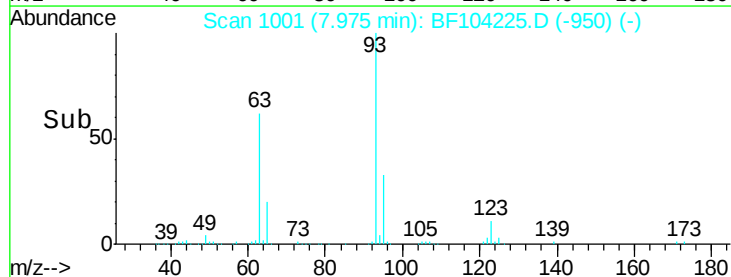
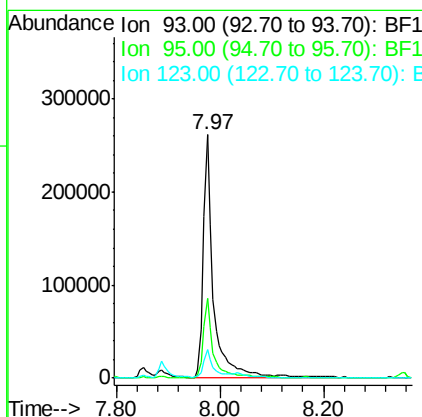
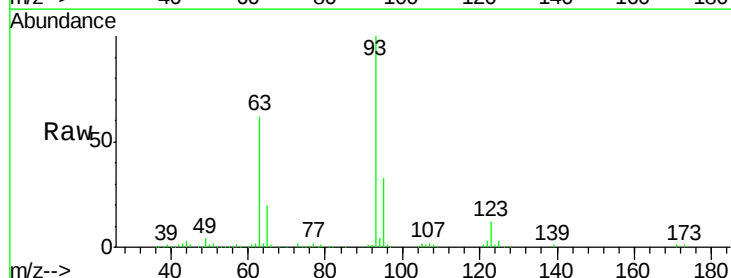
Instrument :
 BNA_F
 ClientSampled :

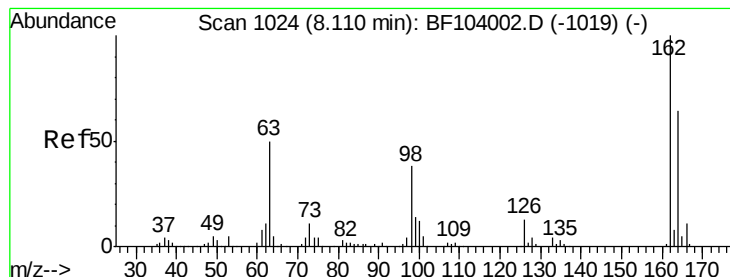
Tot Ion:122 Resp: 255488
 Ion Ratio Lower Upper
 122 100
 107 116.0 91.2 136.8
 121 60.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.052 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion: 93 Resp: 355923
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.8 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.321 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

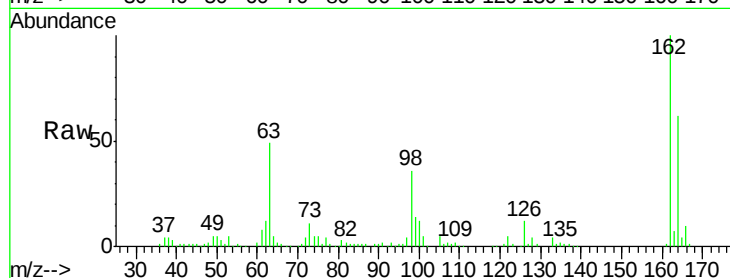
Tot Ion:162 Resp: 256700

Ion Ratio Lower Upper

162 100

164 61.8 42.7 82.7

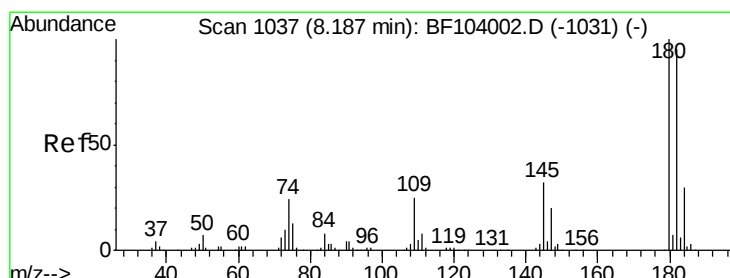
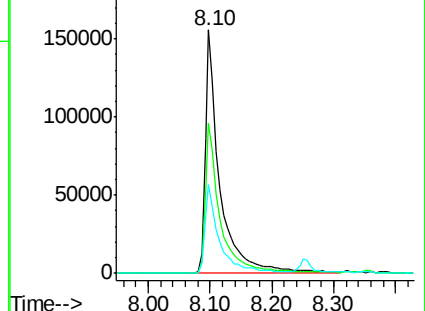
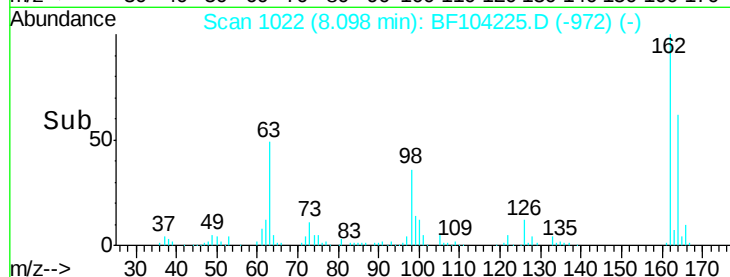
98 36.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 35.235 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

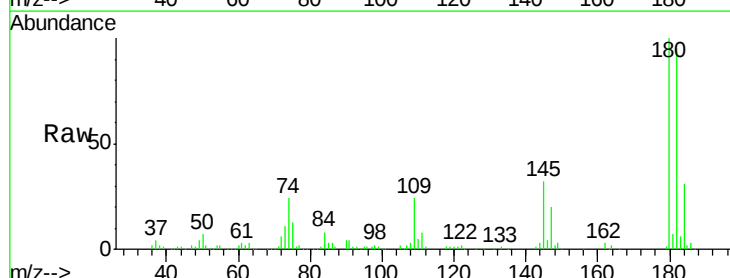
Tgt Ion:180 Resp: 260990

Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

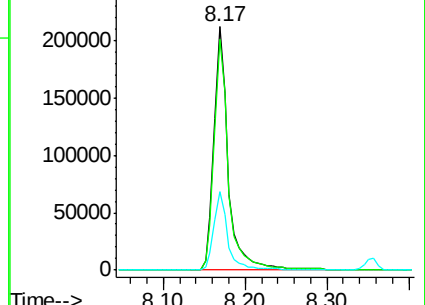
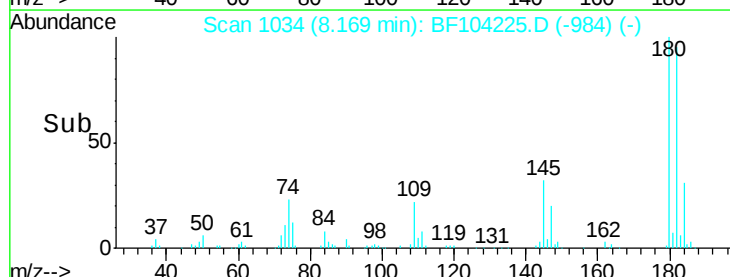
145 32.0 26.5 39.7

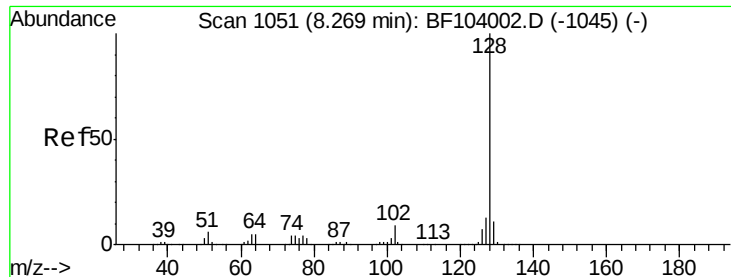


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

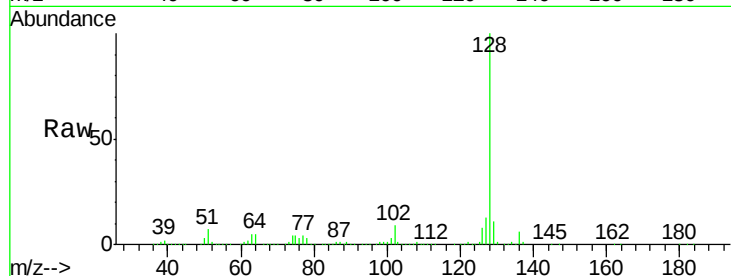




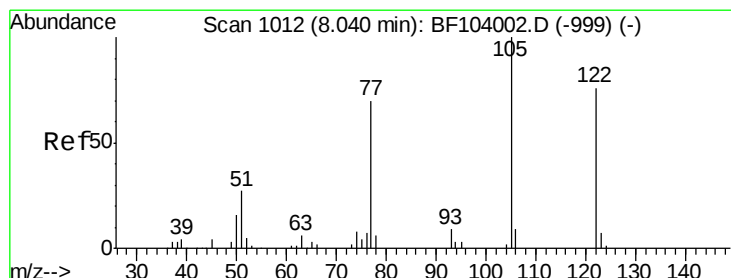
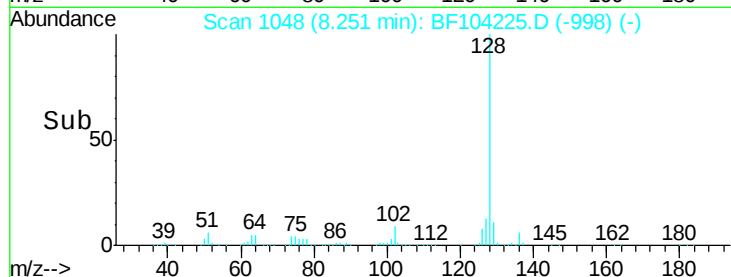
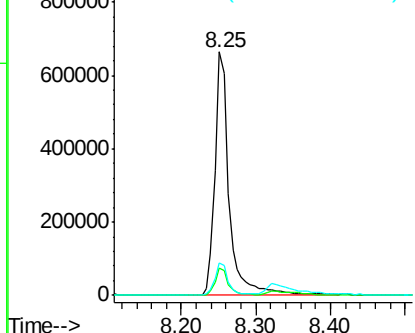
#31
Naphthalene
Concen: 37.593 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.4	10.9	16.3

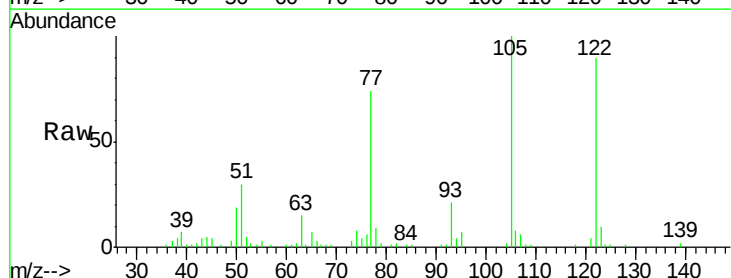


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

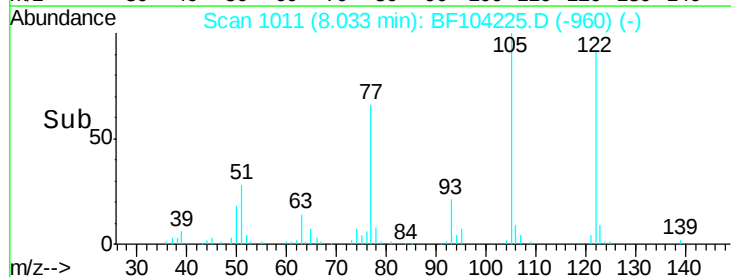
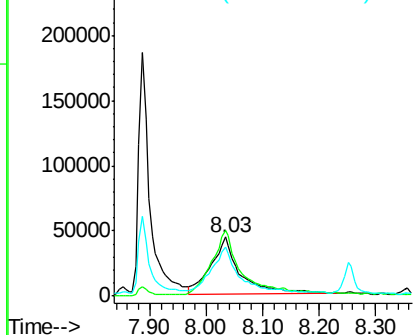


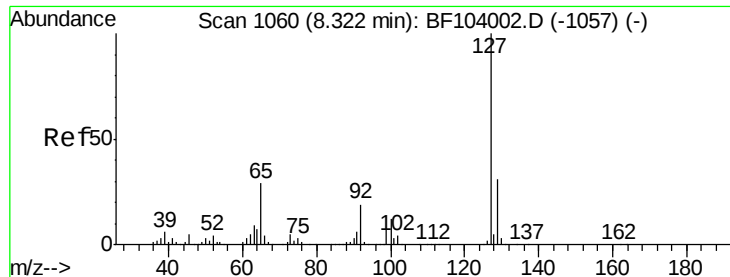
#32
Benzoic acid
Concen: 35.272 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.3	101.1	141.1
77	82.0	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

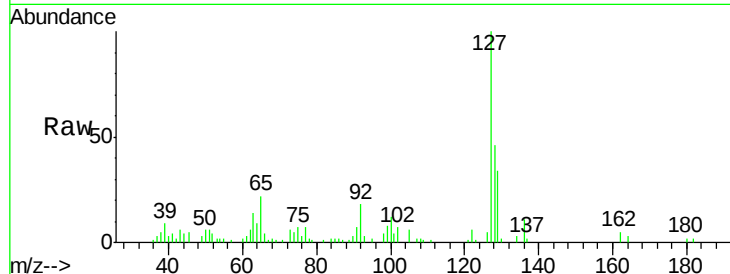




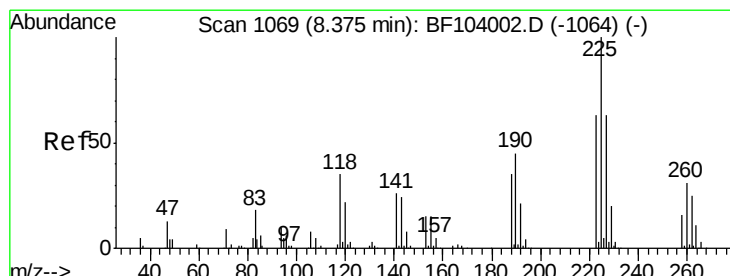
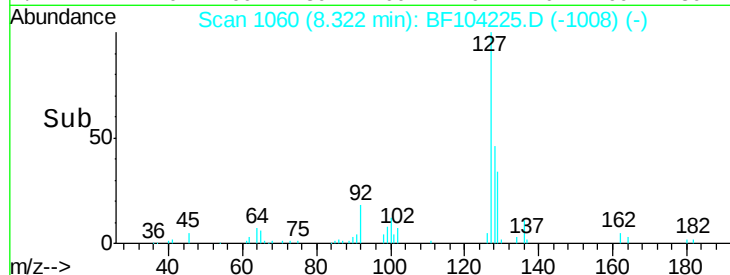
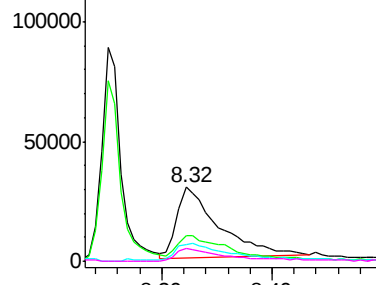
#33
 4-Chloroaniline
 Concen: 7.783 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	77357
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.9	38.9
65	22.4	25.0	37.4
92	17.9	15.2	22.8

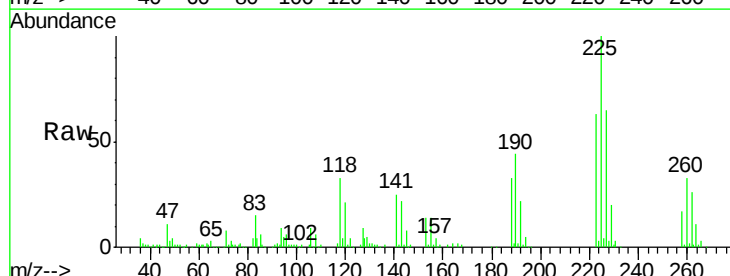


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

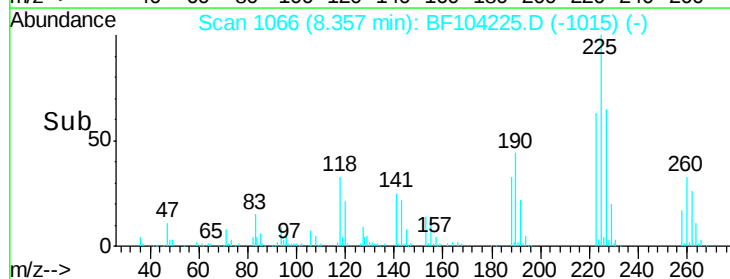
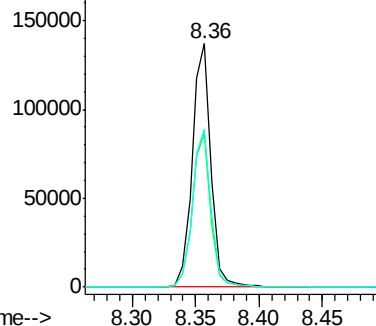


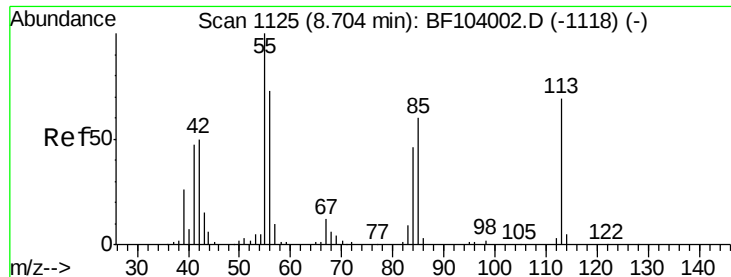
#34
 Hexachlorobutadiene
 Concen: 34.873 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:	225	Resp:	140565
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	65.0	51.9	77.9



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





#35

Caprolactam

Concen: 21.576 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

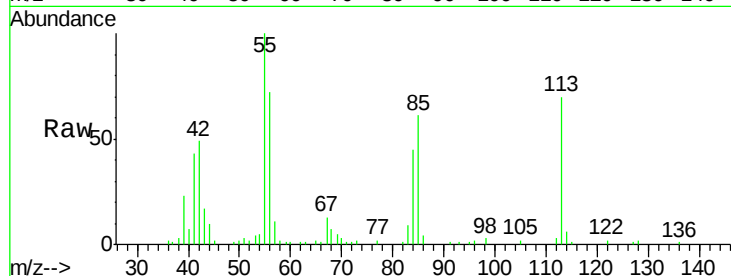
Tot Ion:113 Resp: 44663

Ion Ratio Lower Upper

113 100

55 143.4 163.3 203.3#

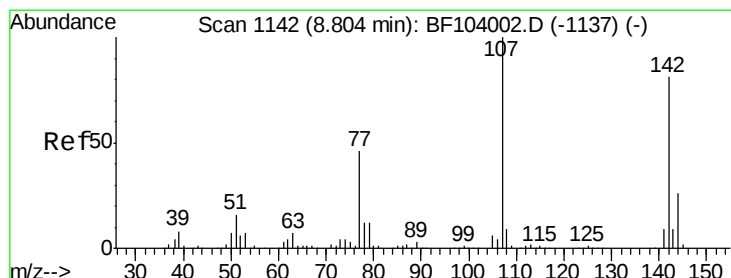
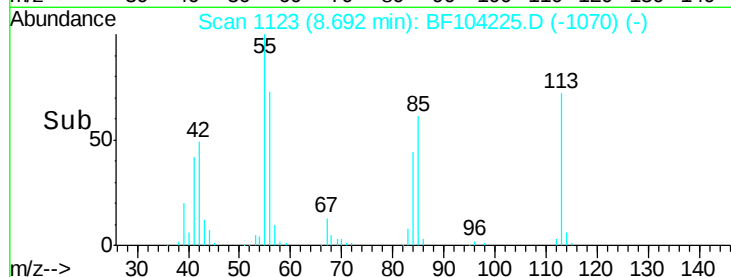
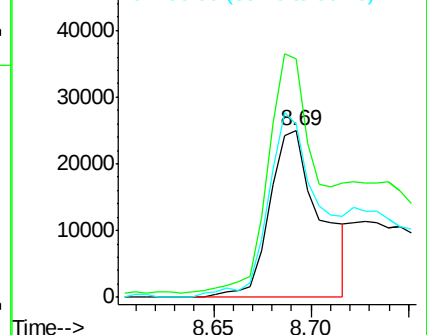
56 103.9 115.7 155.7#



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: 39.754 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

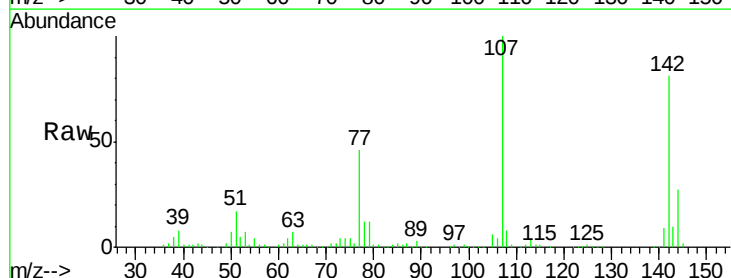
Tgt Ion:107 Resp: 274504

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

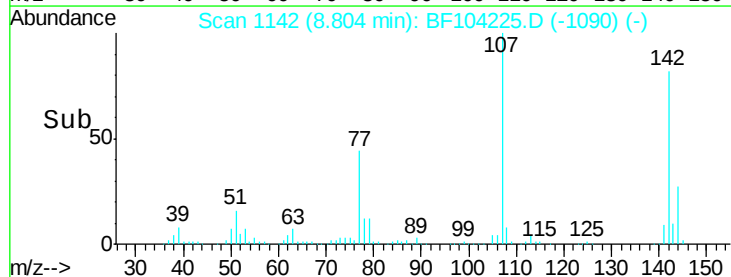
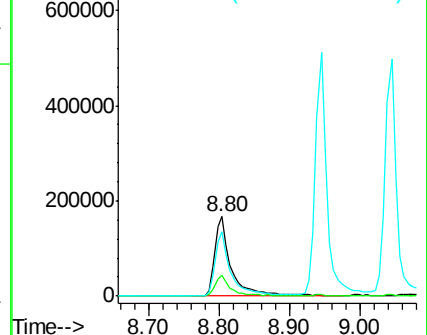
142 81.3 62.0 93.0

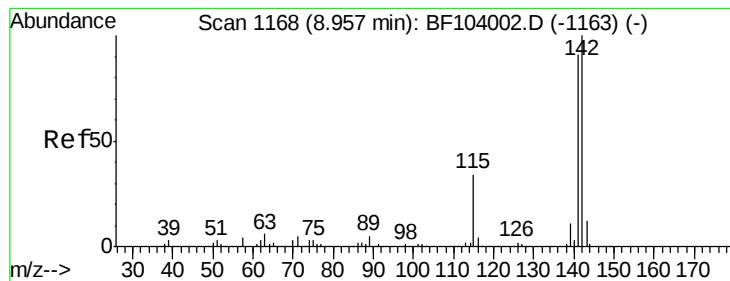


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

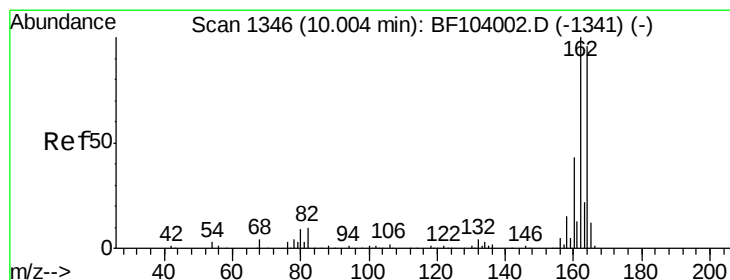
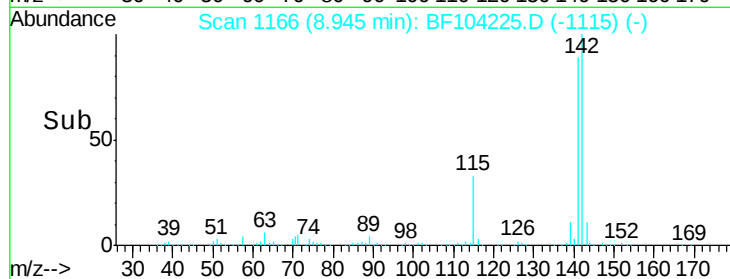
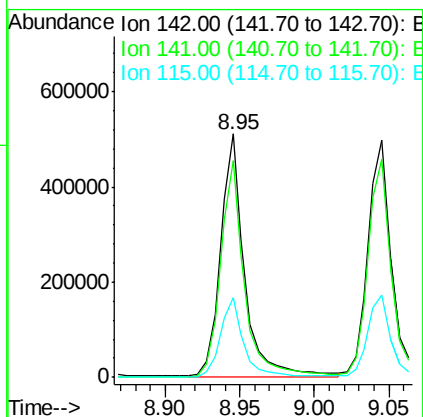
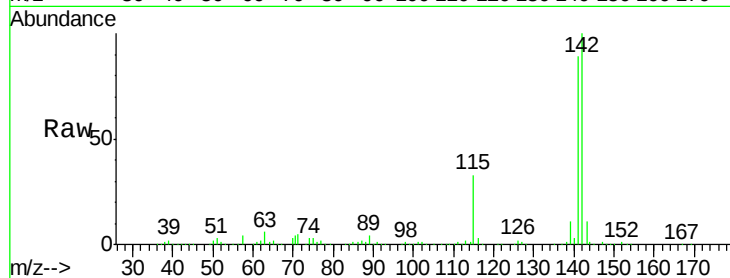




#37
2-Methylnaphthalene
Concen: 37.214 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

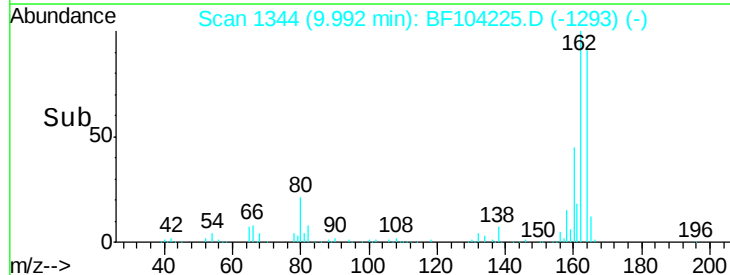
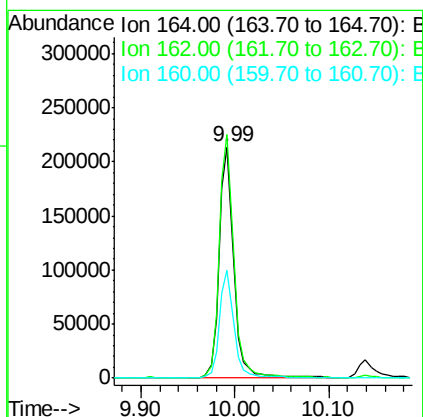
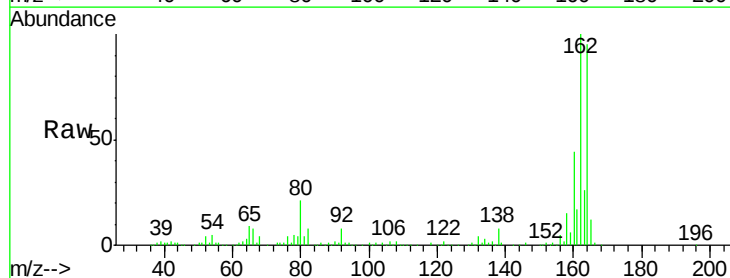
Instrument :
BNA_F
ClientSampleId :

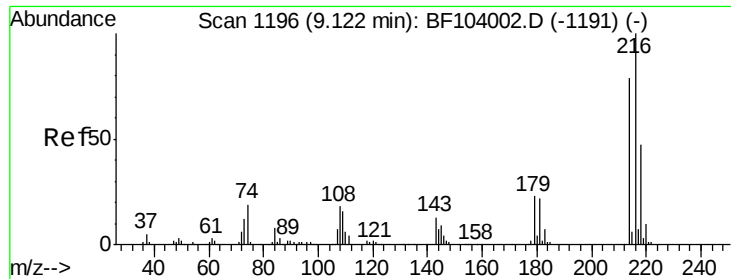
Tot Ion:142 Resp: 577893
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
115 32.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion:164 Resp: 233675
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 46.8 38.3 57.5

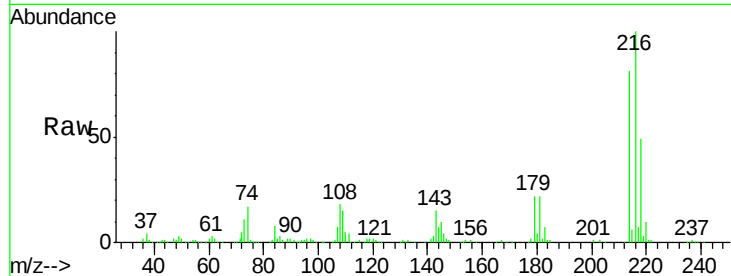




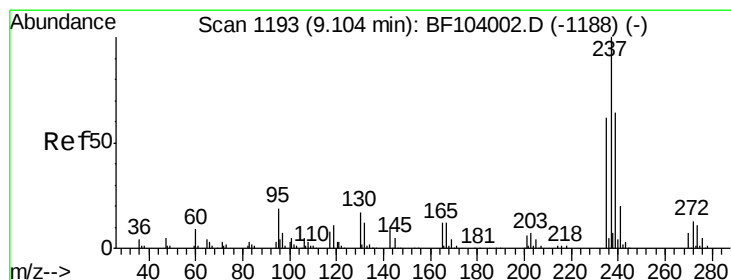
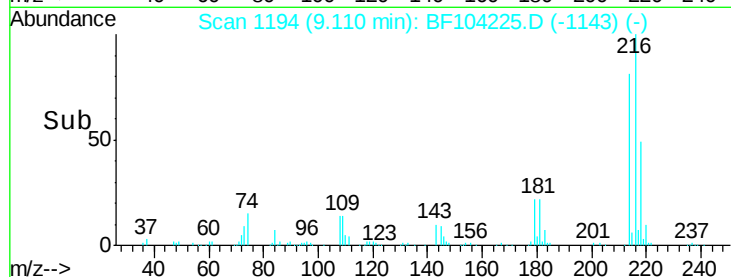
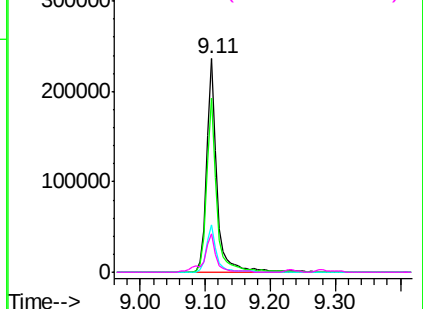
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.986 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	257864
Ion Ratio	Lower	Upper
216	100	
214	79.3	63.0 94.4
179	22.1	18.1 27.1
108	19.6	17.2 25.8

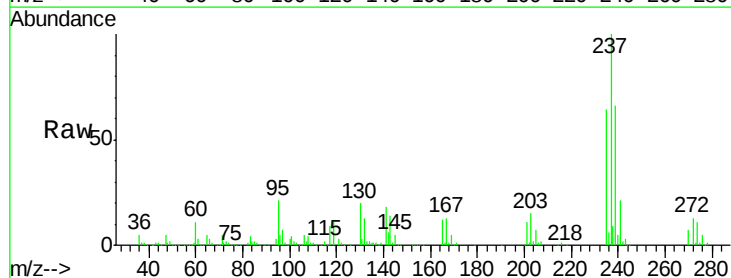


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

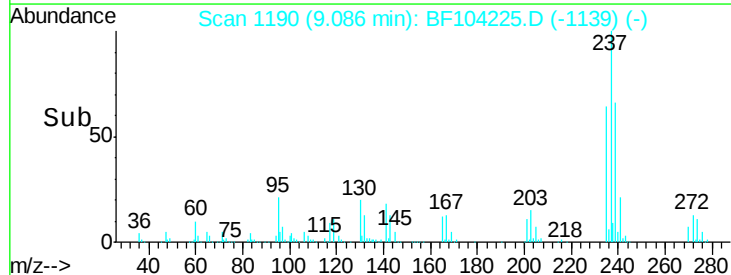
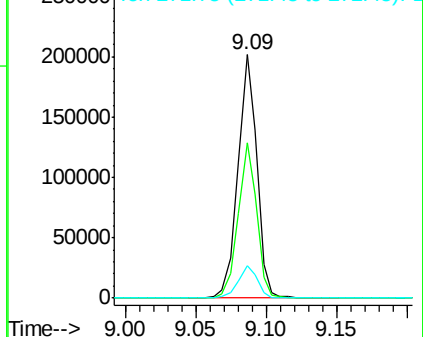


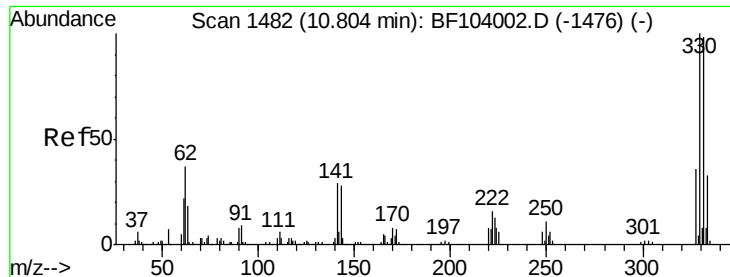
#40
 Hexachlorocyclopentadiene
 Concen: 57.226 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:237	Resp:	187473
Ion Ratio	Lower	Upper
237	100	
235	63.5	44.8 84.8
272	13.5	0.0 33.3



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





#41

2,4,6-Tribromophenol

Concen: 113.416 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

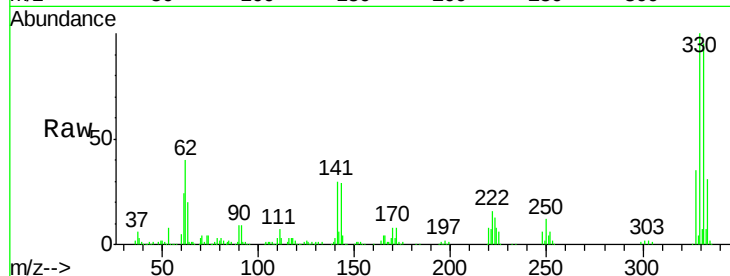
Tot Ion:330 Resp: 295105

Ion Ratio Lower Upper

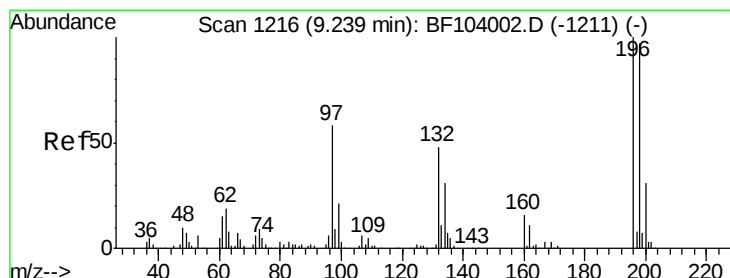
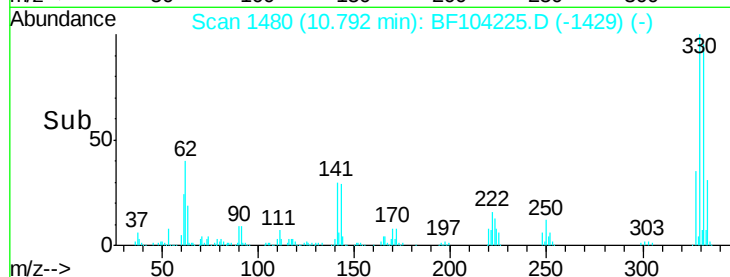
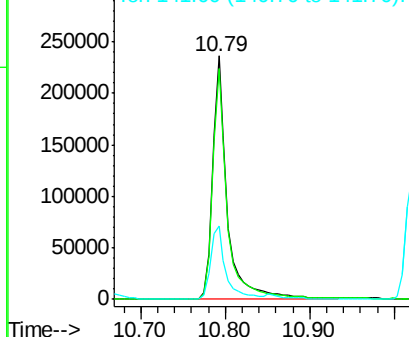
330 100

332 95.7 77.0 115.6

141 29.7 29.9 44.9#



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



#42

2,4,6-Trichlorophenol

Concen: 36.216 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

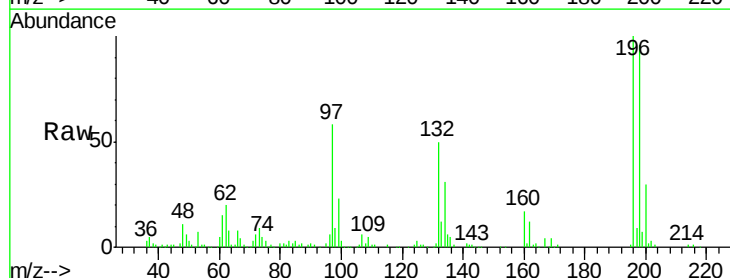
Tgt Ion:196 Resp: 164328

Ion Ratio Lower Upper

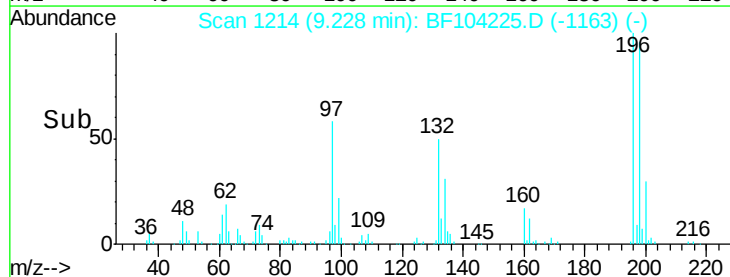
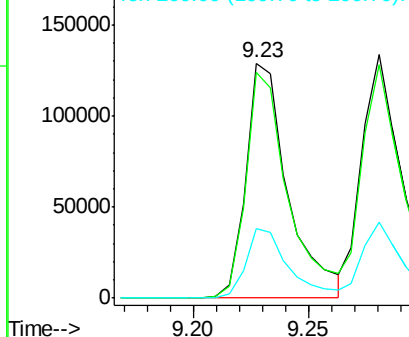
196 100

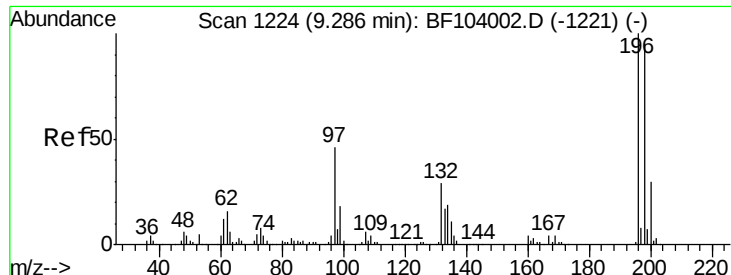
198 96.1 75.7 113.5

200 29.7 24.5 36.7



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

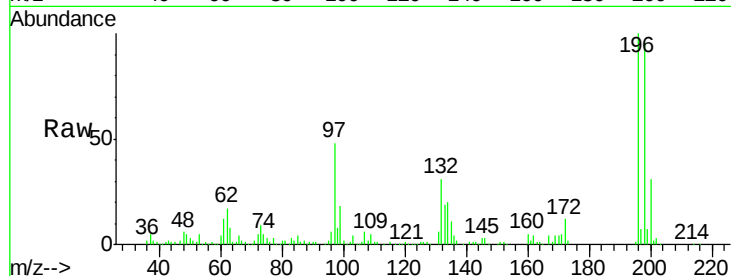




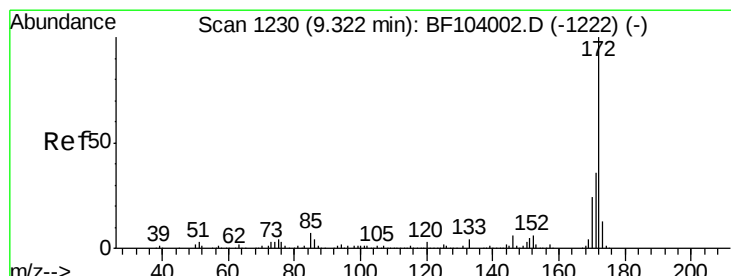
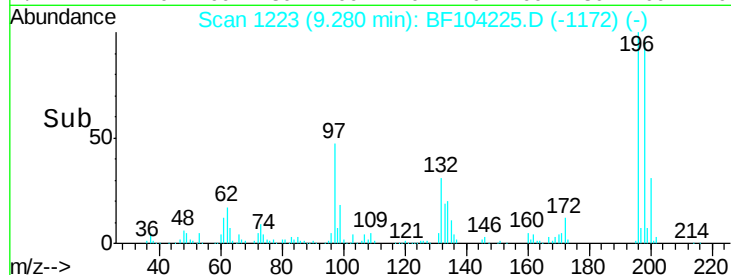
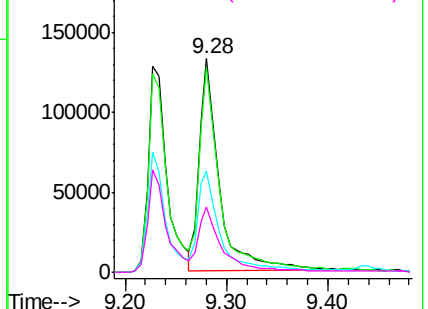
#43
 2,4,5-Trichlorophenol
 Concen: 33.921 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	185840
Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	47.6	42.9	64.3
132	30.8	26.3	39.5

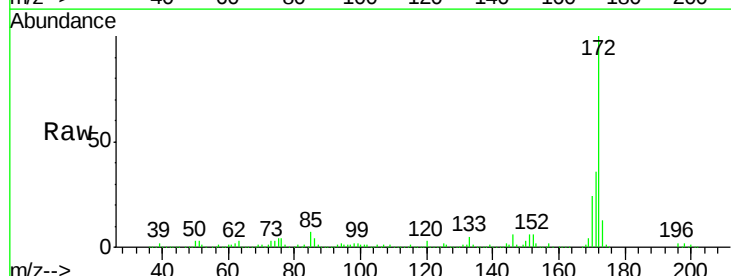


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

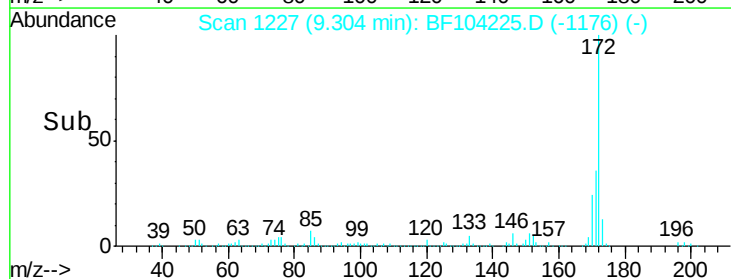
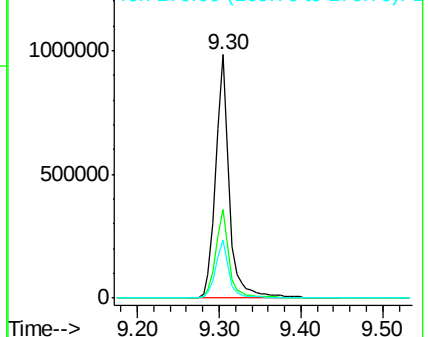


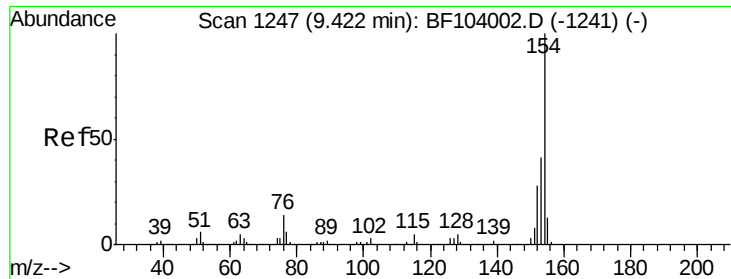
#44
 2-Fluorobiphenyl
 Concen: 78.878 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:	172	Resp:	1168853
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

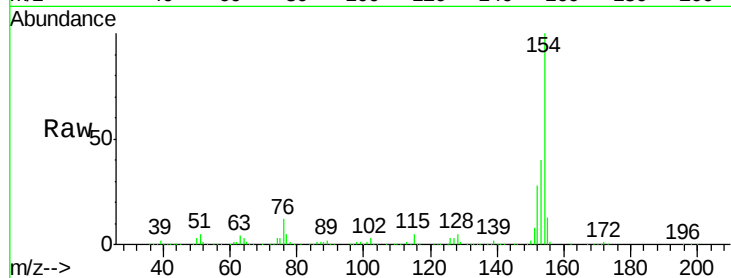




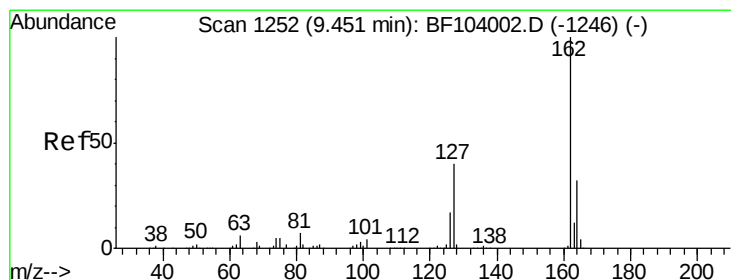
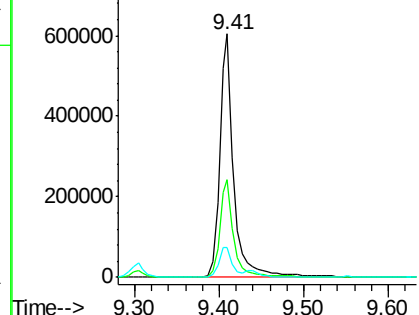
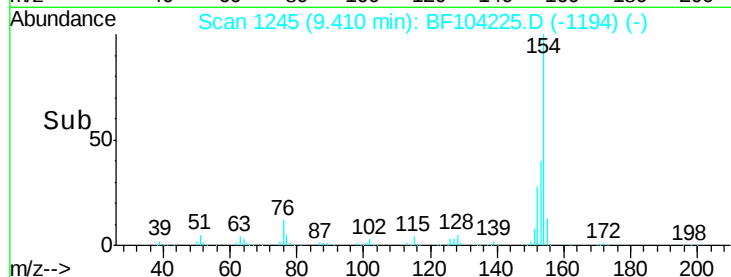
#45
 1,1'-Biphenyl
 Concen: 35.609 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	12.4	0.0	34.0

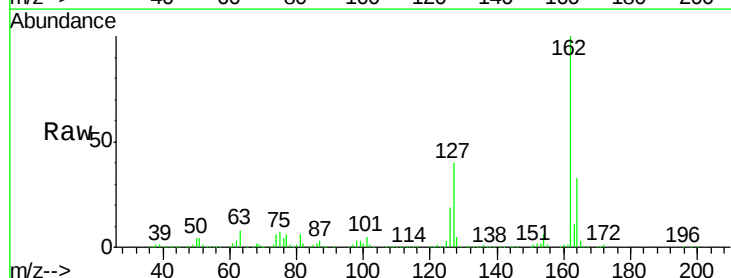


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

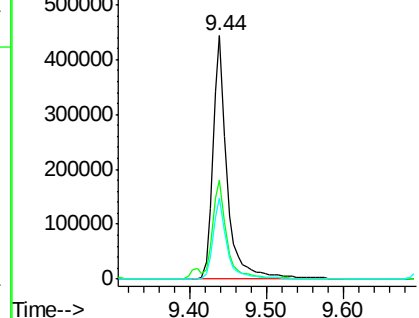
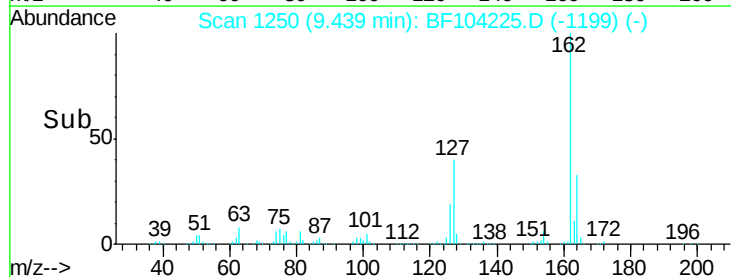


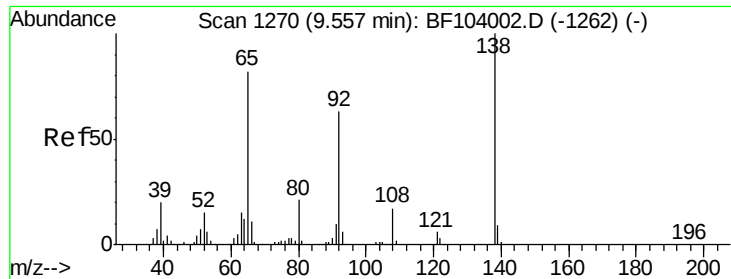
#46
 2-Chloronaphthalene
 Concen: 35.452 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.9	50.9
164	33.3	26.5	39.7



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

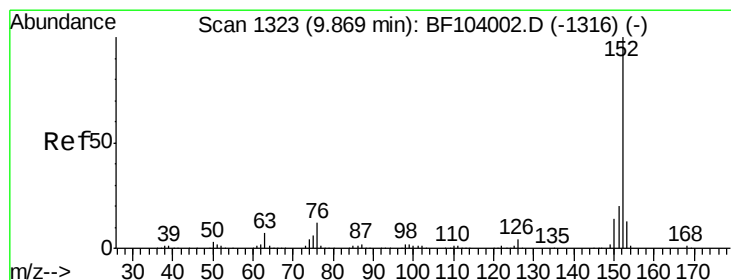
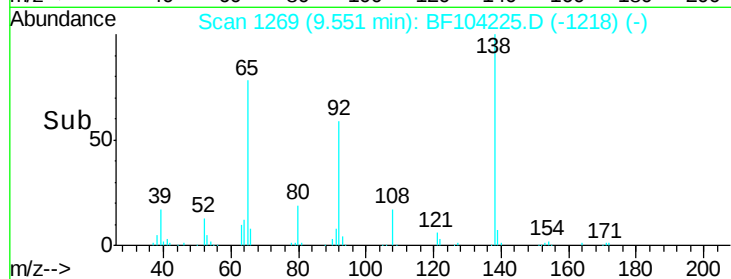
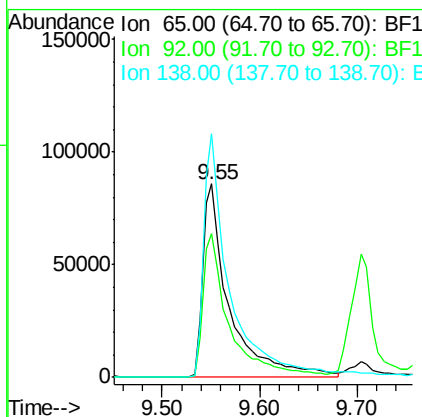
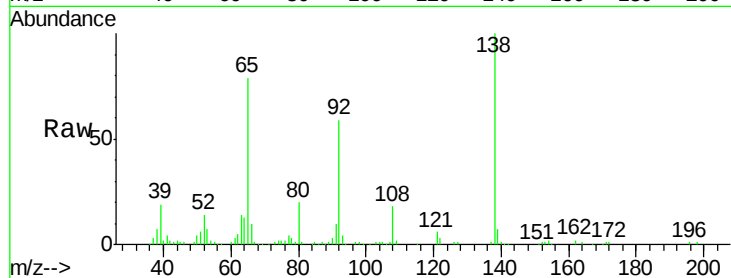




#47
 2-Nitroaniline
 Concen: 35.852 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

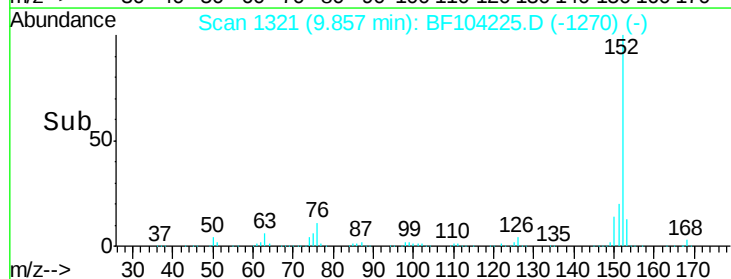
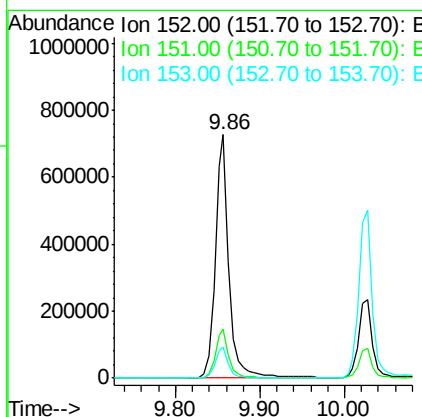
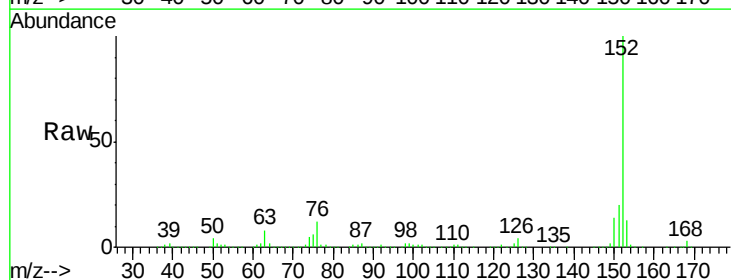
Instrument :
 BNA_F
 ClientSampleID :

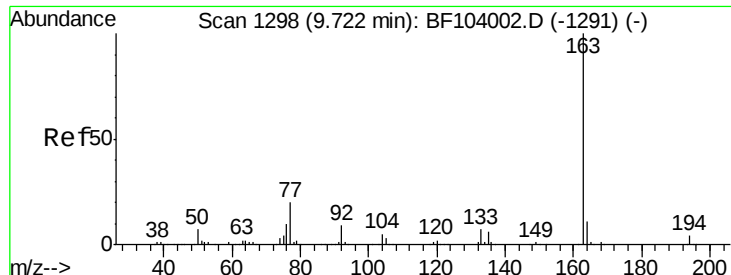
Tot Ion: 65 Resp: 161733
 Ion Ratio Lower Upper
 65 100
 92 74.2 55.8 83.6
 138 126.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 34.670 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion: 152 Resp: 830928
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.0 10.7 16.1

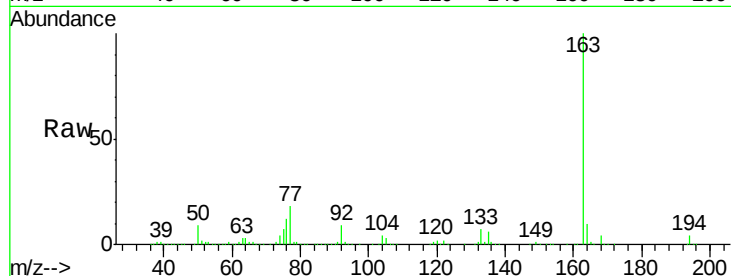




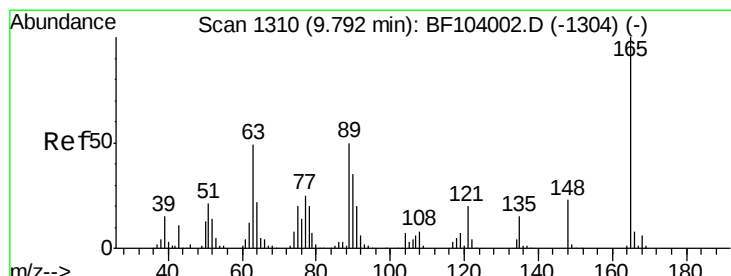
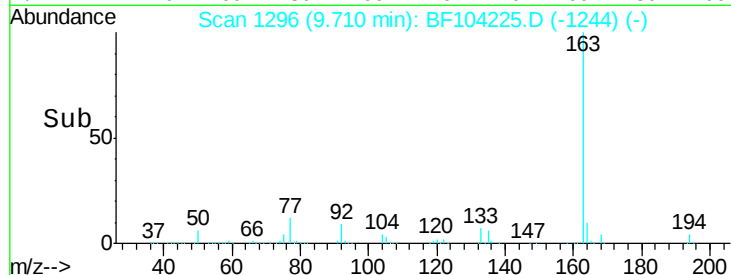
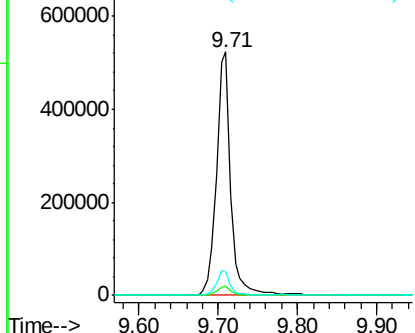
#49
Dimethylphthalate
Concen: 35.375 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 652642
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 8.2 12.2

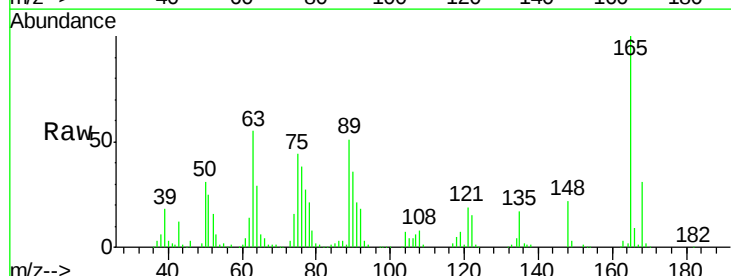


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

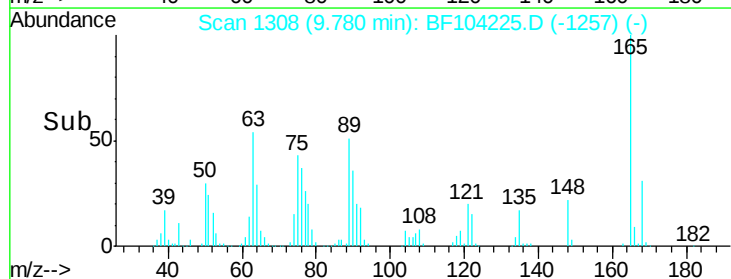
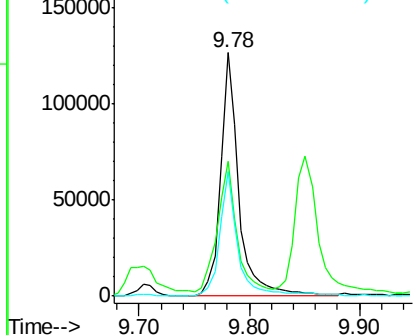


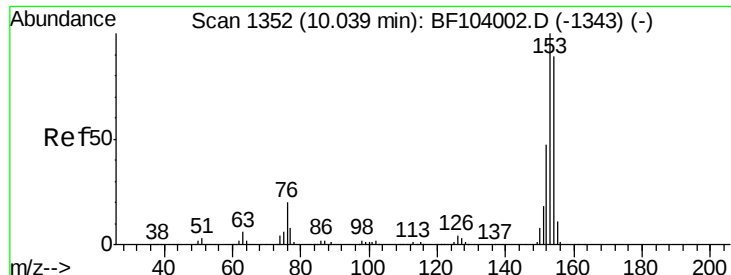
#50
2,6-Dinitrotoluene
Concen: 37.083 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion:165 Resp: 147191
Ion Ratio Lower Upper
165 100
63 55.4 44.7 67.1
89 51.1 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: 34.778 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

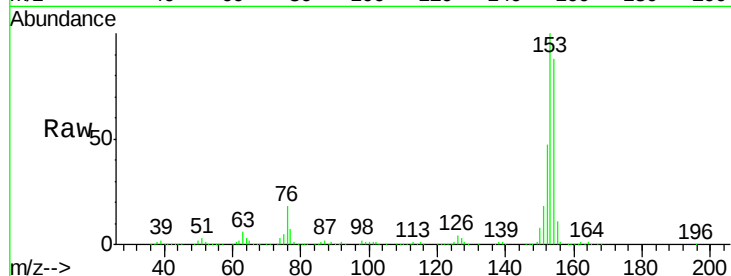
Tot Ion:154 Resp: 482190

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

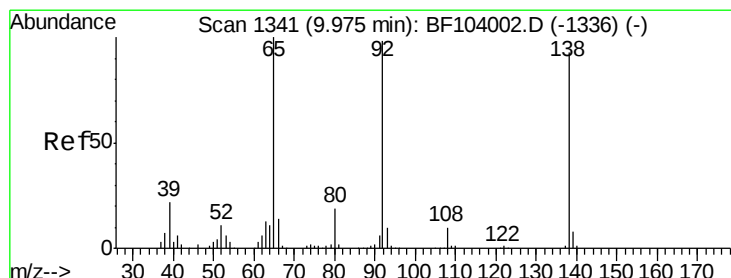
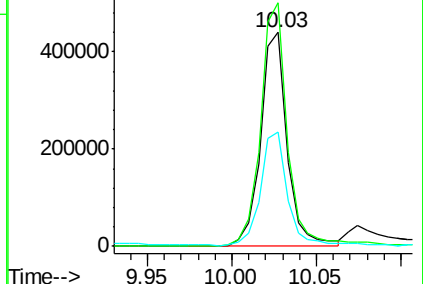
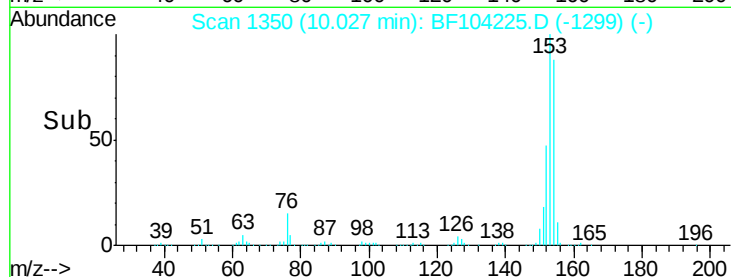
152 53.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.170 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

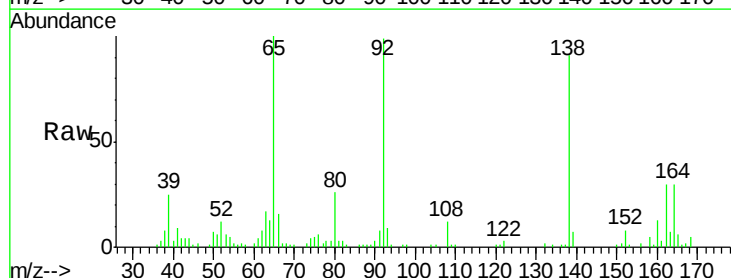
Tgt Ion:138 Resp: 82905

Ion Ratio Lower Upper

138 100

108 13.0 9.4 14.0

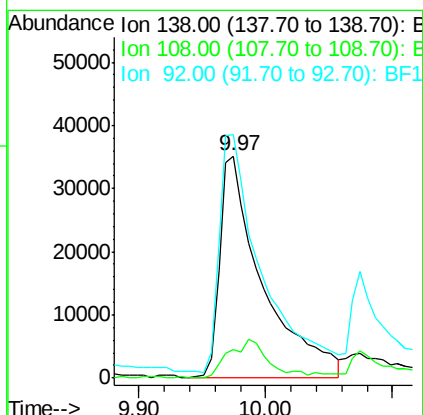
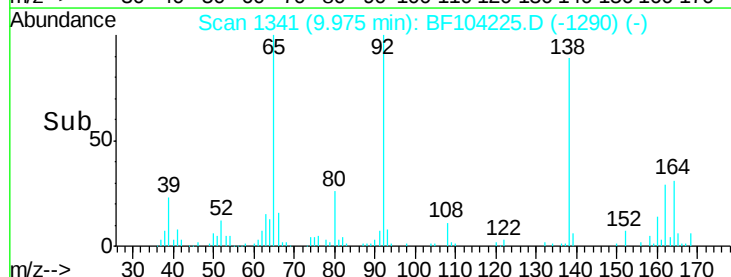
92 109.5 89.4 134.2

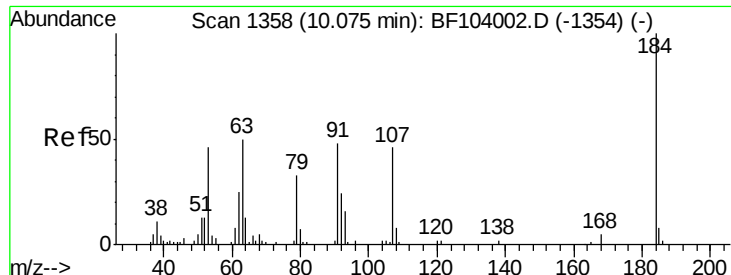


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

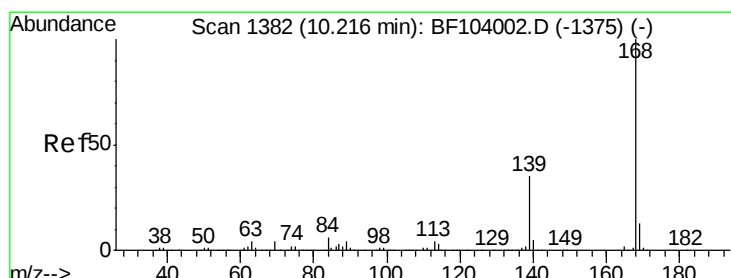
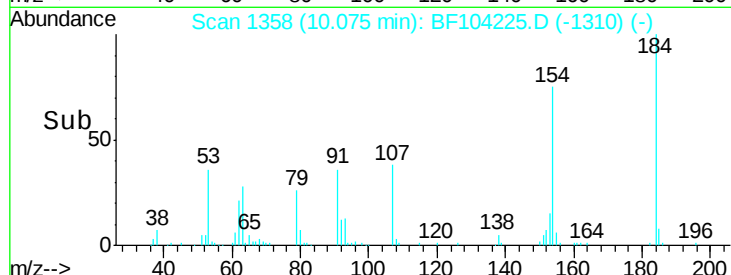
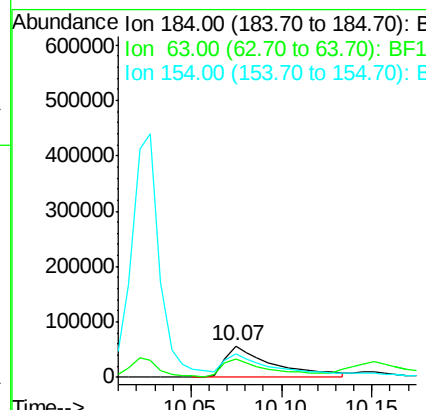
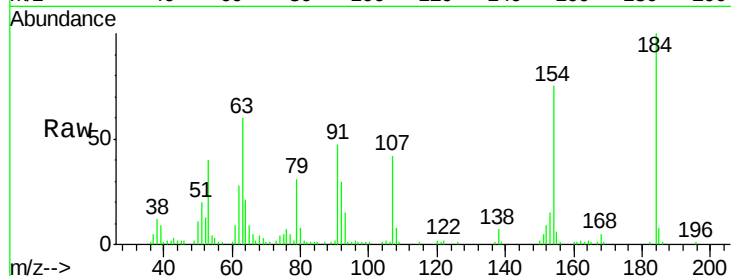




#53
 2,4-Dinitrophenol
 Concen: 61.146 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.02 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

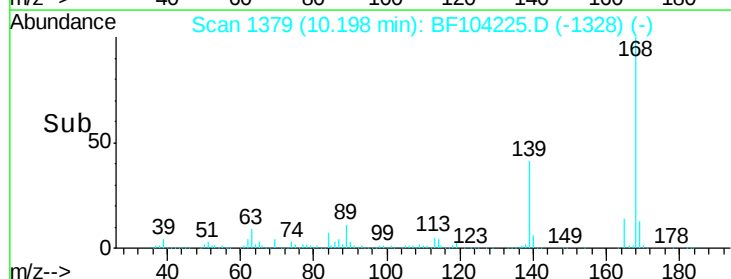
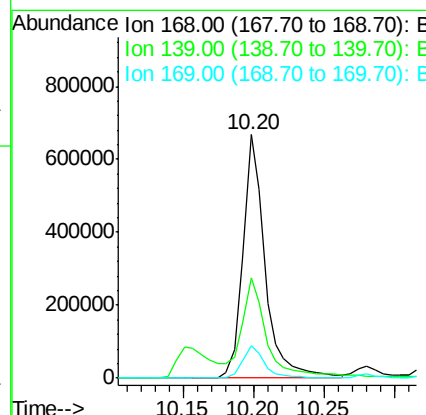
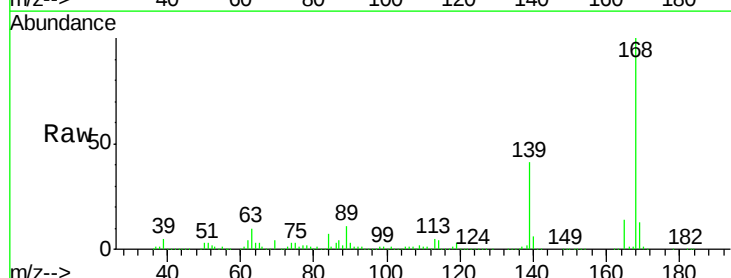
Instrument :
 BNA_F
 ClientSampled :

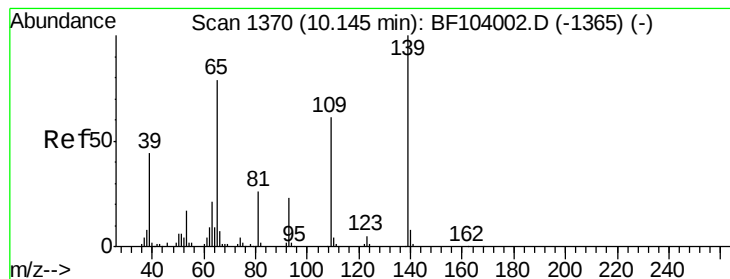
Tot Ion:184 Resp: 103509
 Ion Ratio Lower Upper
 184 100
 63 60.2 54.2 81.2
 154 75.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 35.996 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:168 Resp: 728808
 Ion Ratio Lower Upper
 168 100
 139 41.0 30.1 45.1
 169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 53.038 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampled :

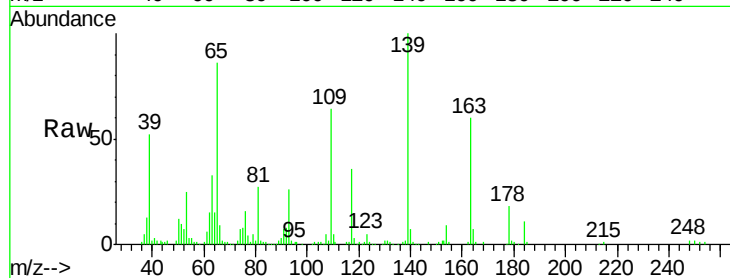
Tot Ion:139 Resp: 145104

Ion Ratio Lower Upper

139 100

109 63.9 48.4 88.4

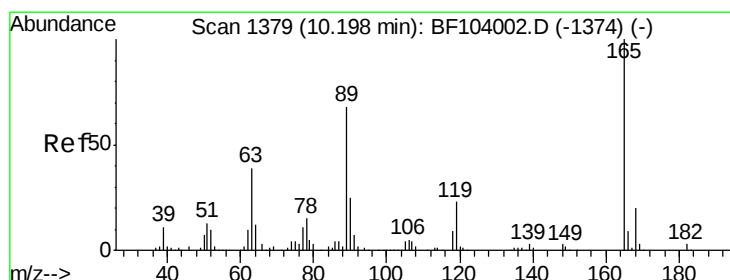
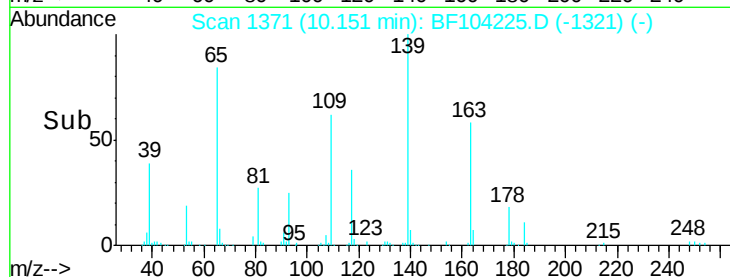
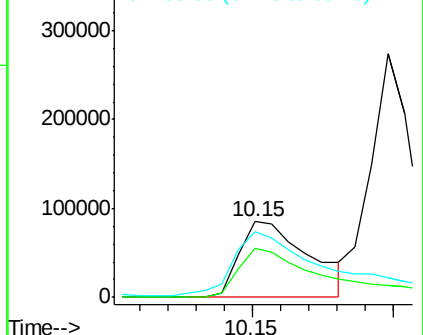
65 86.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 37.039 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:165 Resp: 187600

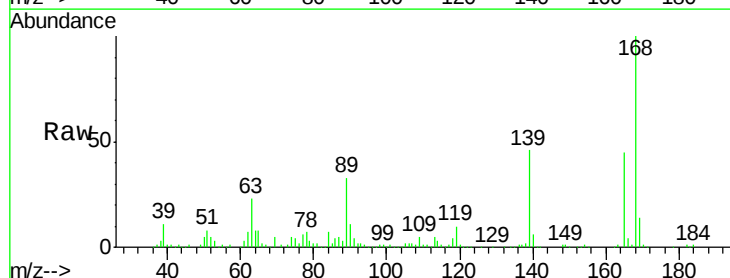
Ion Ratio Lower Upper

165 100

63 51.8 36.4 54.6

89 72.9 57.8 86.6

182 2.8 1.6 2.4#

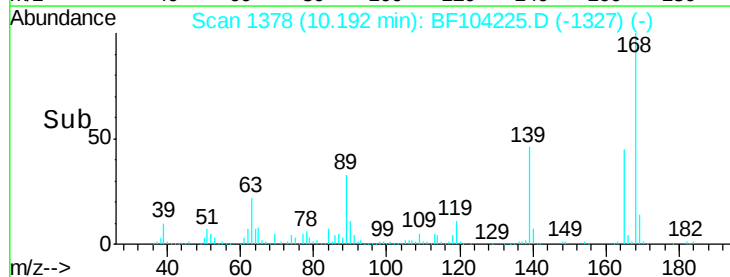
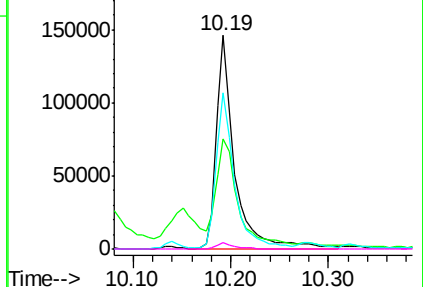


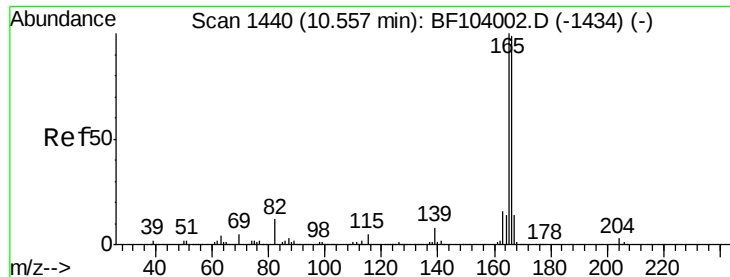
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.395 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

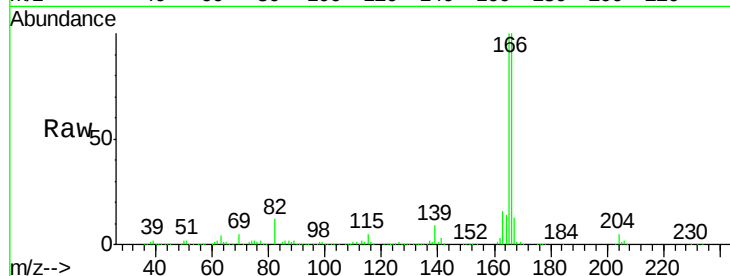
Tot Ion:166 Resp: 607845

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

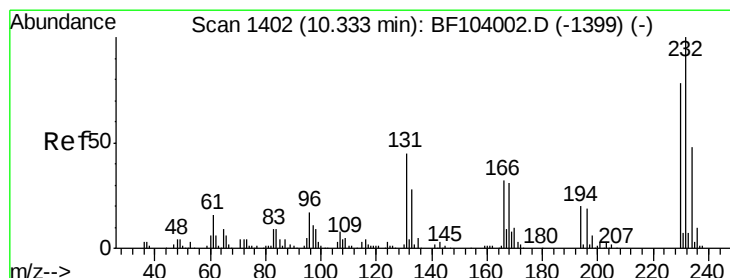
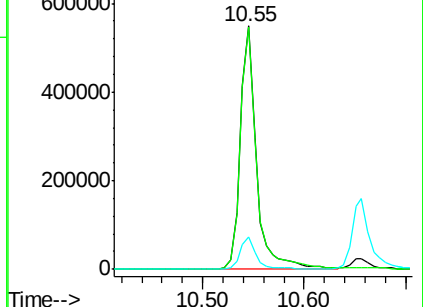
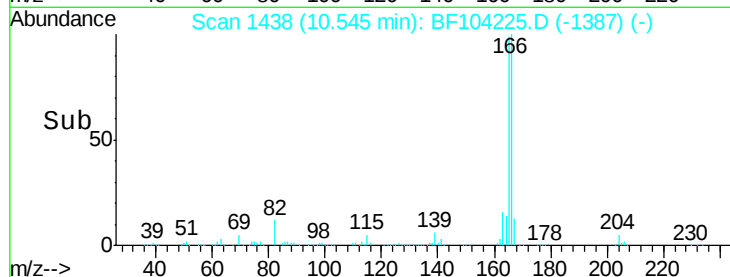
167 13.5 10.6 16.0



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: 41.393 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:232 Resp: 169904

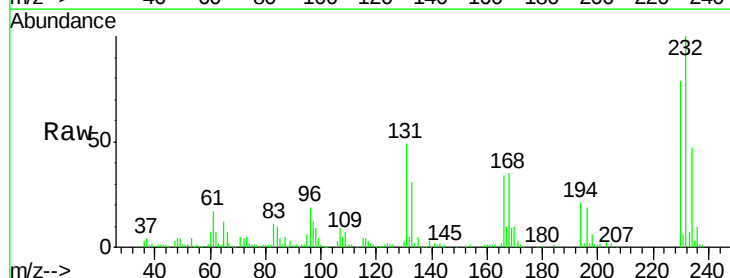
Ion Ratio Lower Upper

232 100

131 40.7 43.8 65.8#

130 2.3 2.1 3.1

166 31.4 27.8 41.6

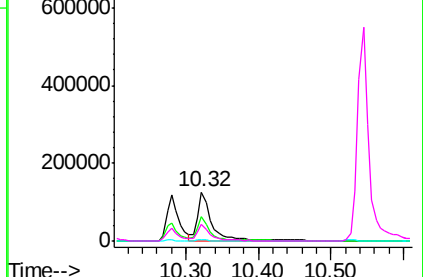
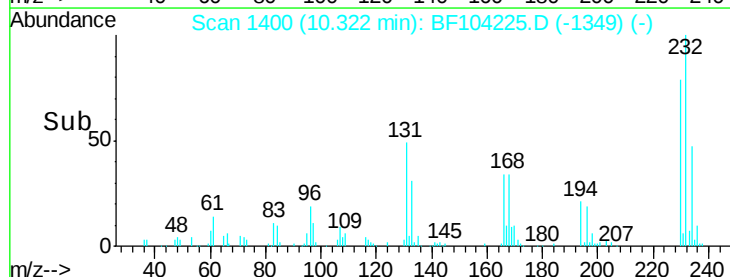


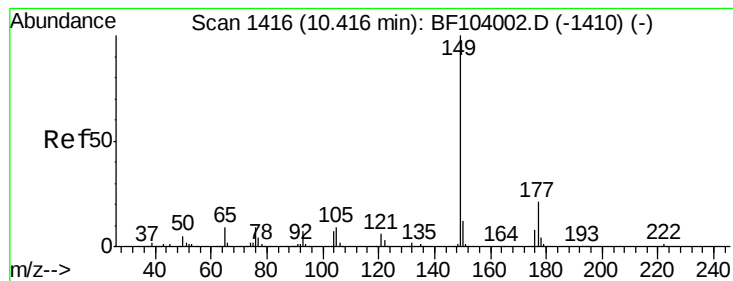
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.083 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

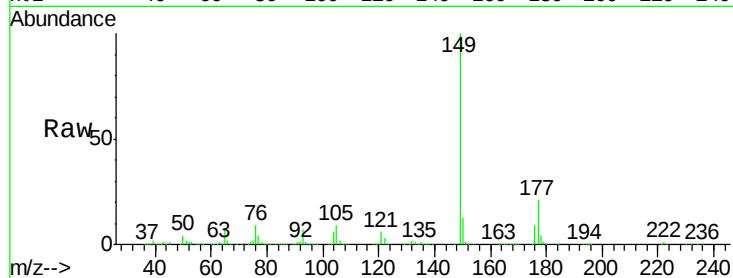
Tot Ion:149 Resp: 655416

Ion Ratio Lower Upper

149 100

177 21.2 16.1 24.1

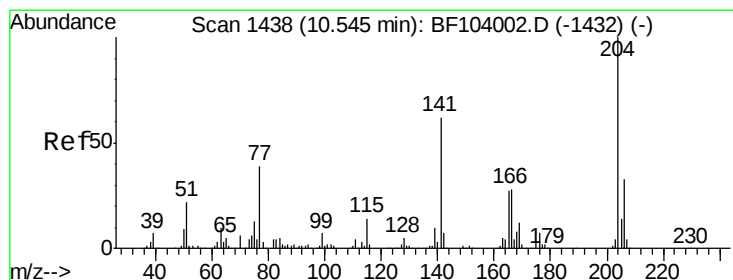
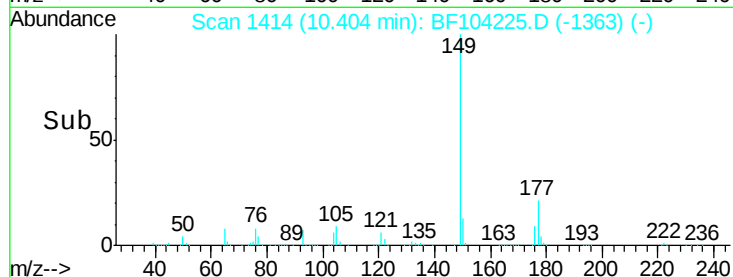
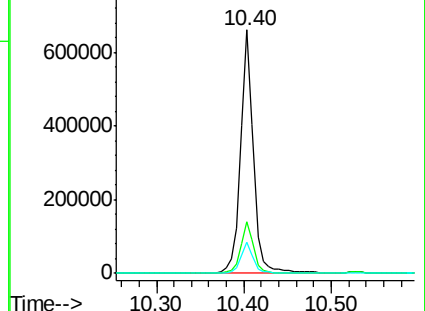
150 12.6 10.1 15.1



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: 37.872 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

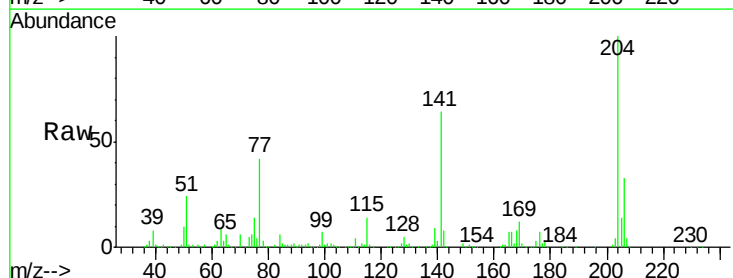
Tgt Ion:204 Resp: 290502

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

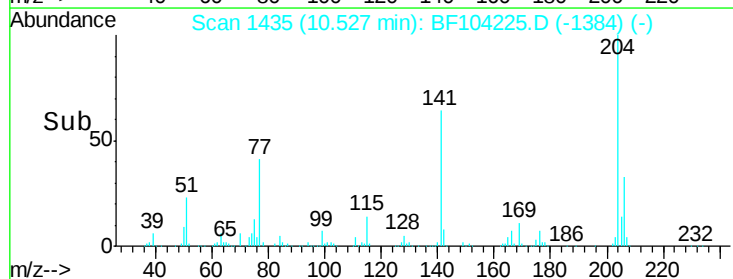
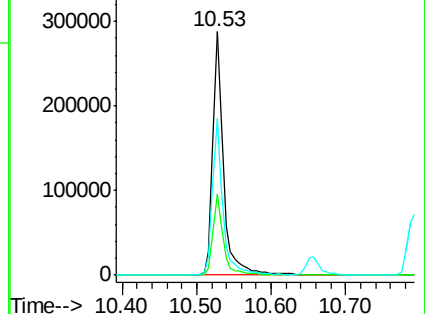
141 64.2 54.6 81.8

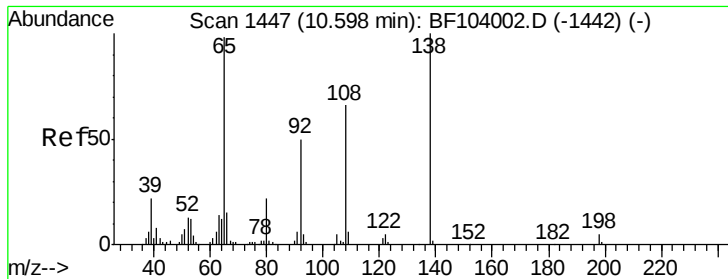


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

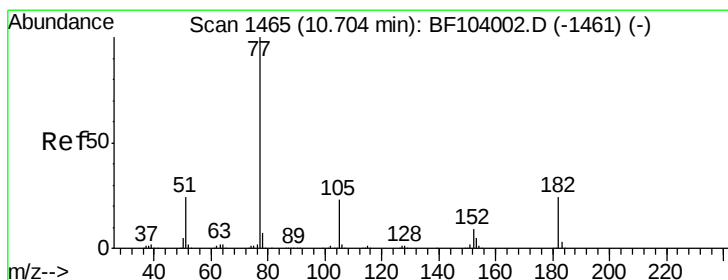
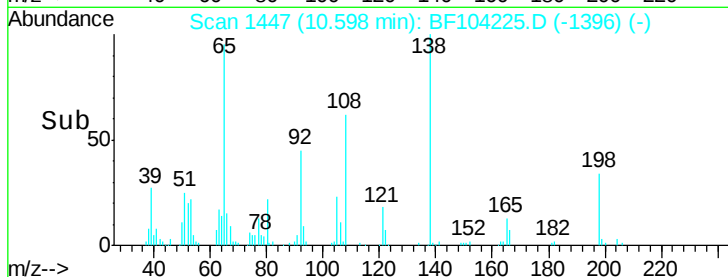
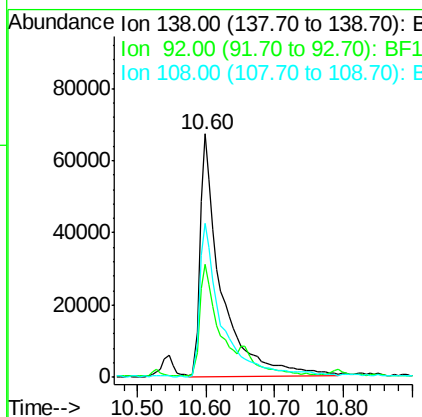
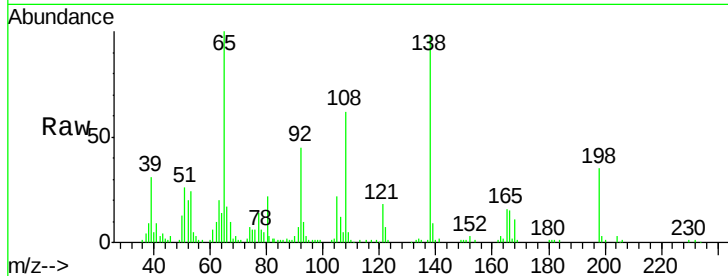




#61
4-Nitroaniline
Concen: 33.739 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

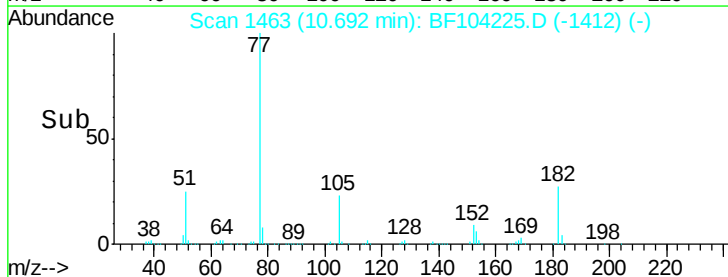
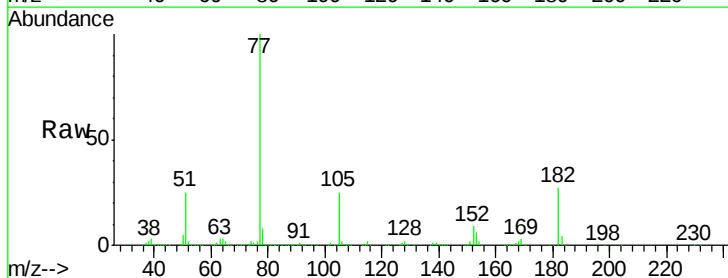
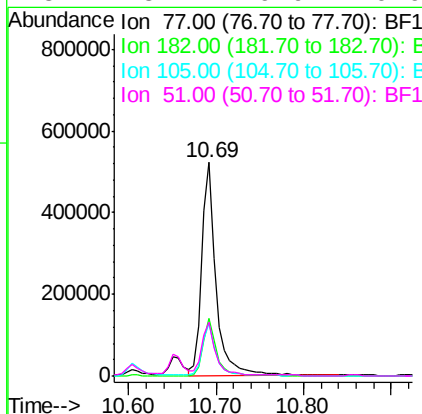
Instrument :
BNA_F
ClientSampleId :

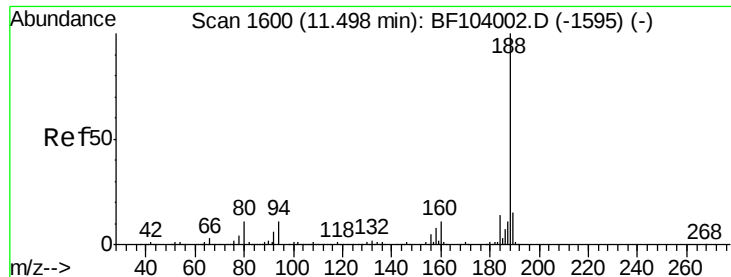
Tot Ion:138 Resp: 144044
Ion Ratio Lower Upper
138 100
92 46.2 30.2 70.2
108 63.5 52.5 92.5



#62
Azobenzene
Concen: 37.120 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion: 77 Resp: 593238
Ion Ratio Lower Upper
77 100
182 27.0 1.7 41.7
105 24.7 3.0 43.0
51 25.1 9.9 49.9

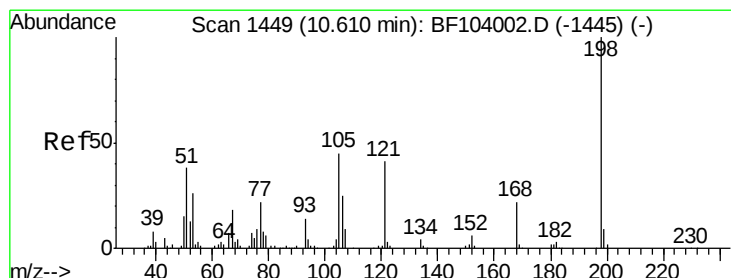
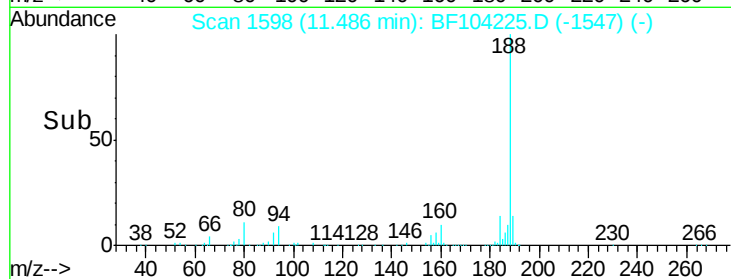
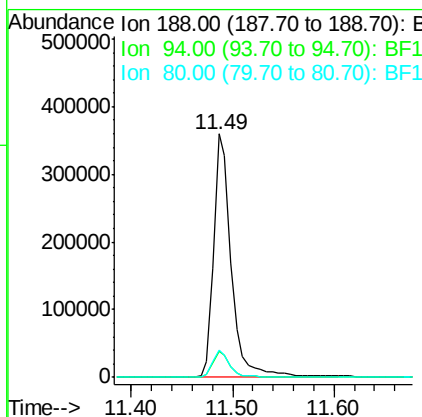
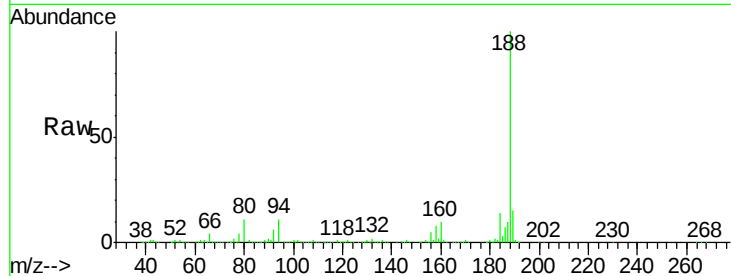




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

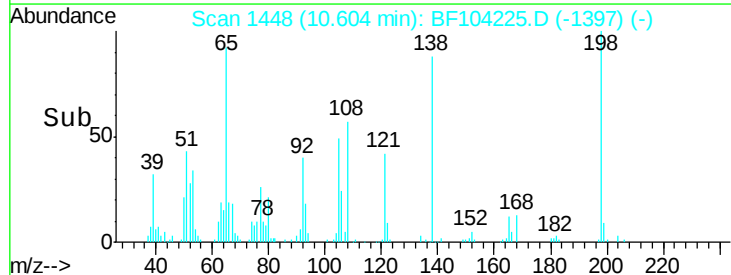
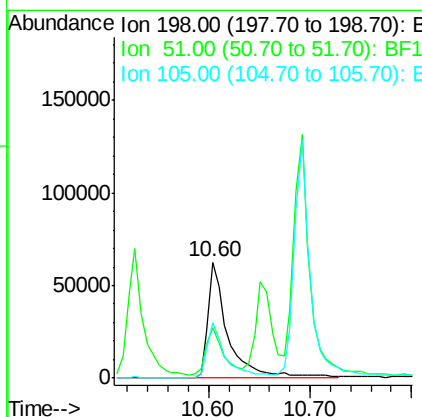
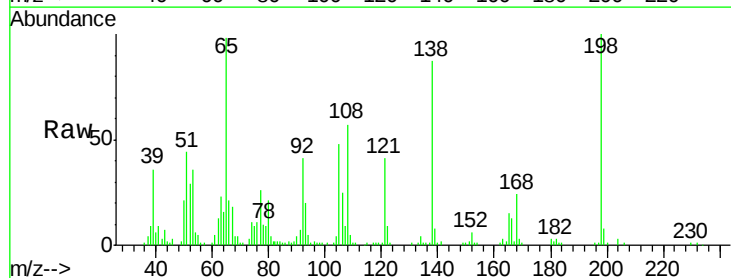
Instrument :
BNA_F
ClientSampled :

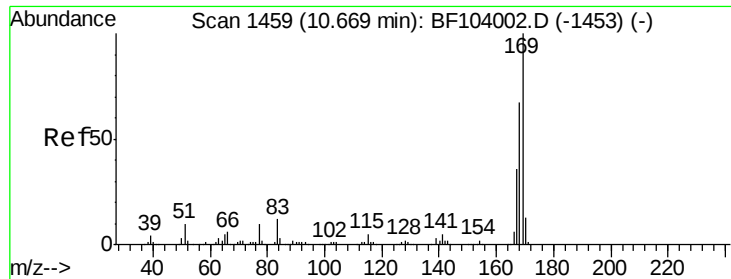
Tot Ion:188 Resp: 437332
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.493 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion:198 Resp: 86019
Ion Ratio Lower Upper
198 100
51 43.7 37.7 77.7
105 48.1 36.3 76.3

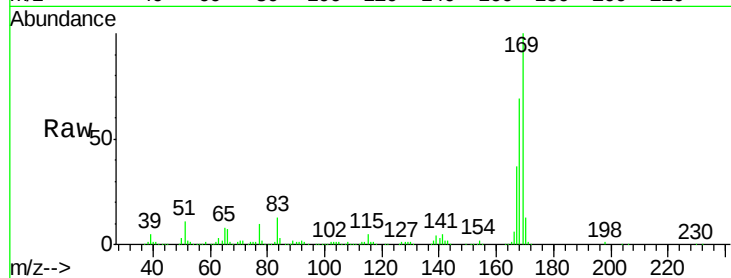




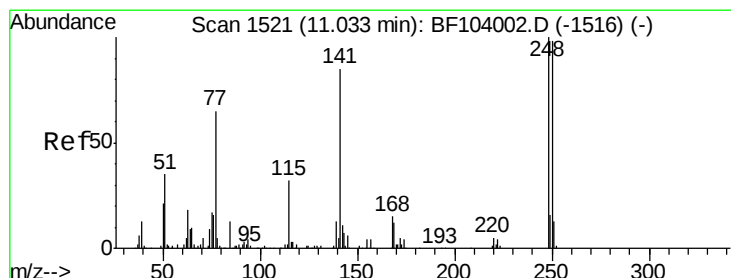
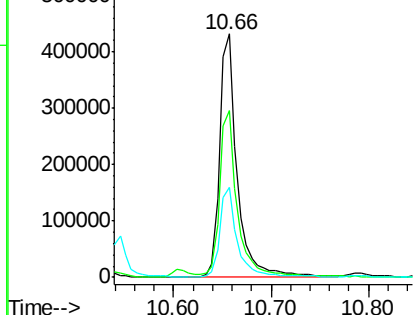
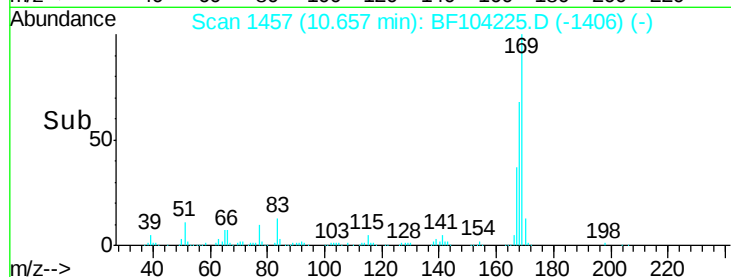
#65
 n-Nitrosodiphenylamine
 Concen: 36.136 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	169	Resp	535205
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	68.5		
167	37.1		

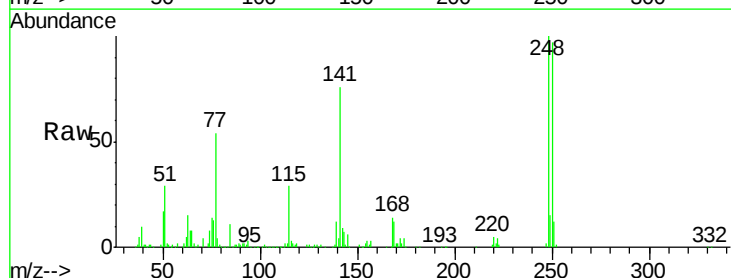


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

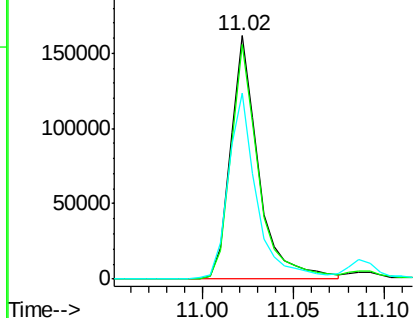
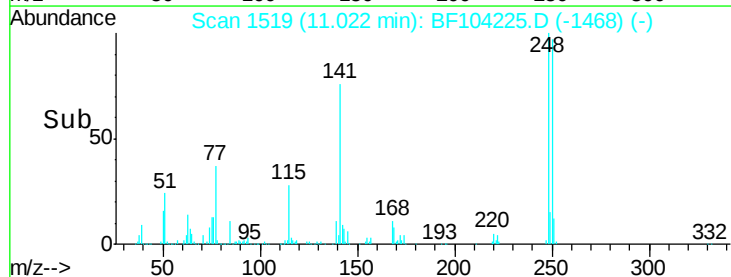


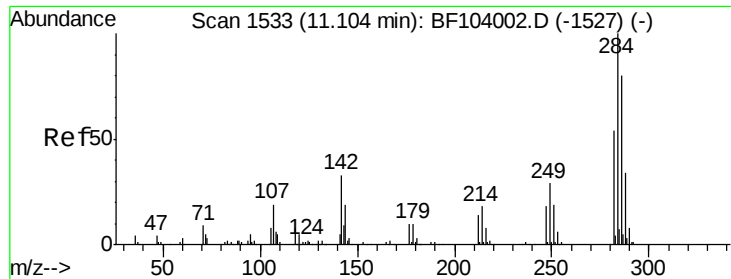
#66
 4-Bromophenyl-phenylether
 Concen: 36.995 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	248	Resp	173093
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	96.6		
141	76.3		



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

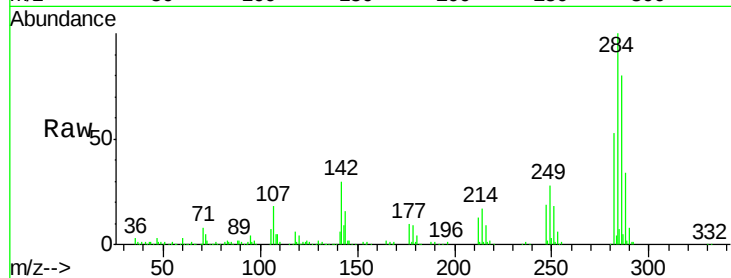




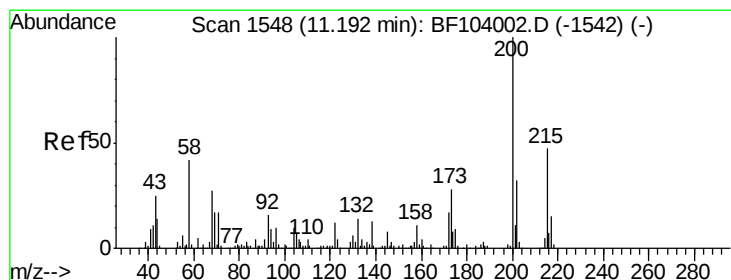
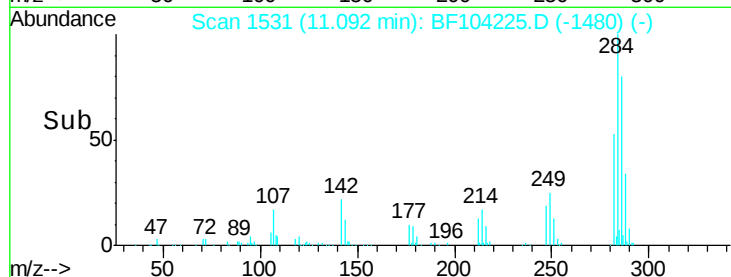
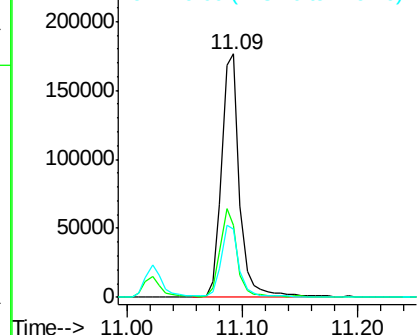
#67
Hexachlorobenzene
Concen: 35.705 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 192170
Ion Ratio Lower Upper
284 100
142 29.8 34.6 52.0#
249 28.3 24.8 37.2

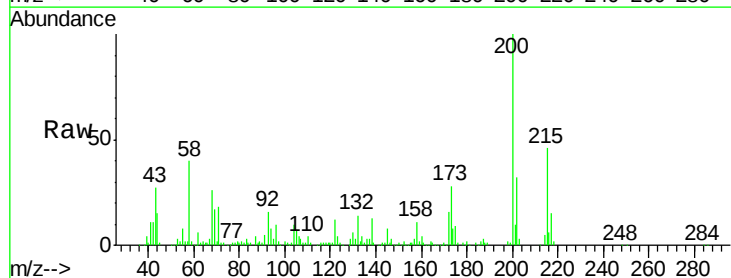


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

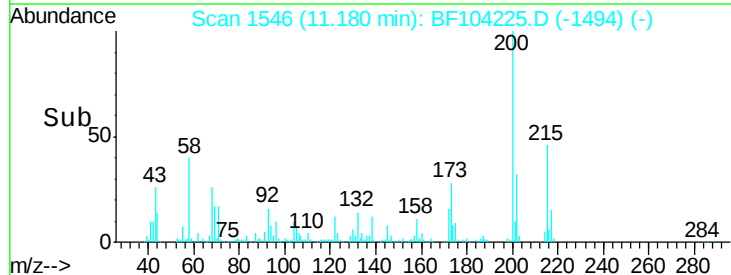
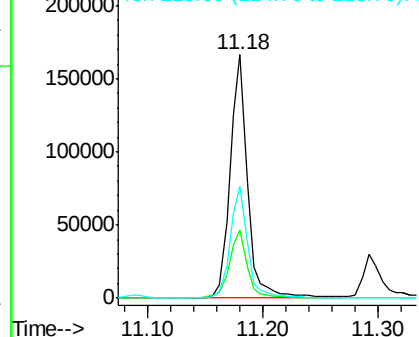


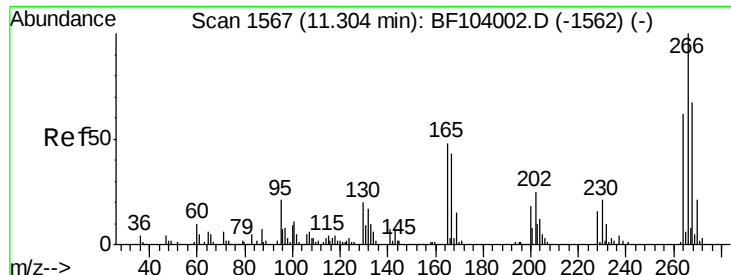
#68
Atrazine
Concen: 38.523 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion:200 Resp: 174795
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 46.0 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

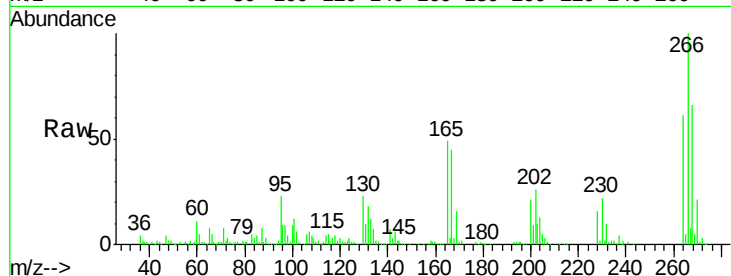




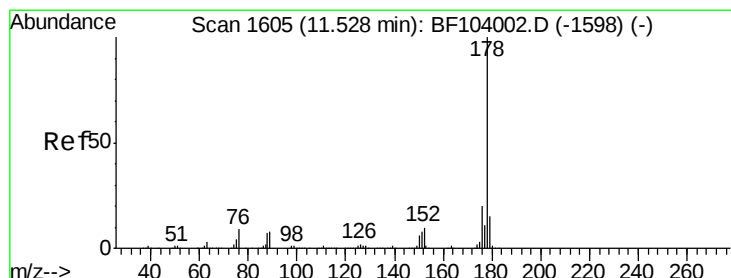
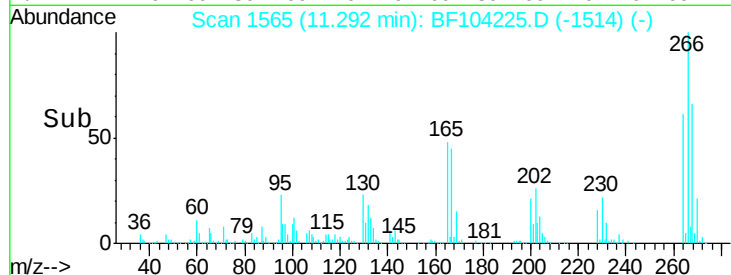
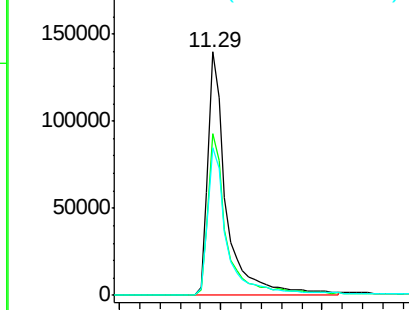
#69
 Pentachlorophenol
 Concen: 60.781 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 180011
 Ion Ratio Lower Upper
 266 100
 268 66.4 51.1 76.7
 264 60.7 49.5 74.3

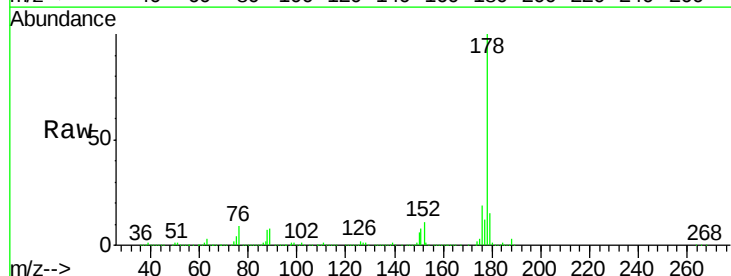


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

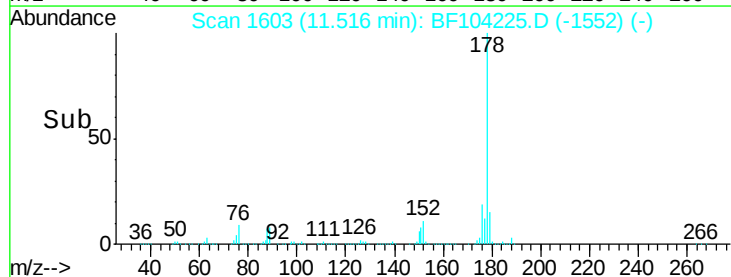
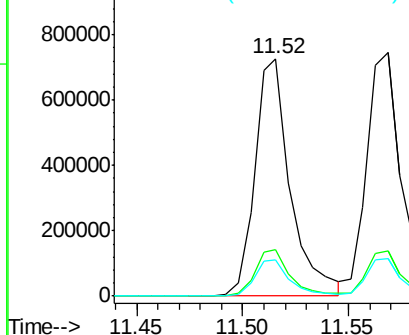


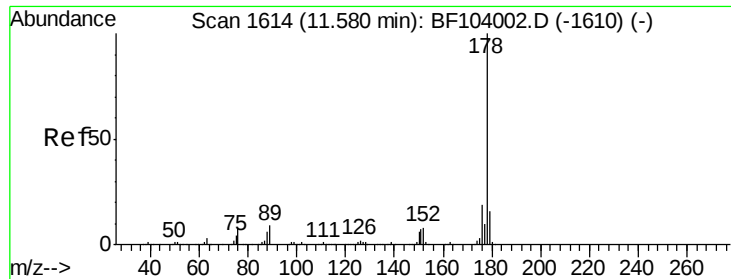
#70
 Phenanthrene
 Concen: 35.934 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:178 Resp: 850823
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.5 13.0 19.6



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

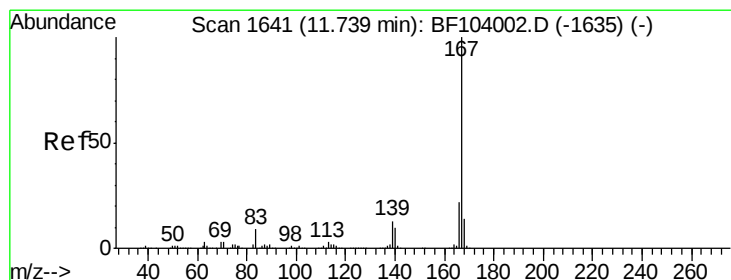
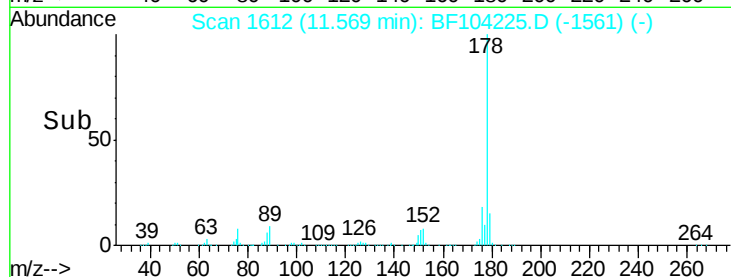
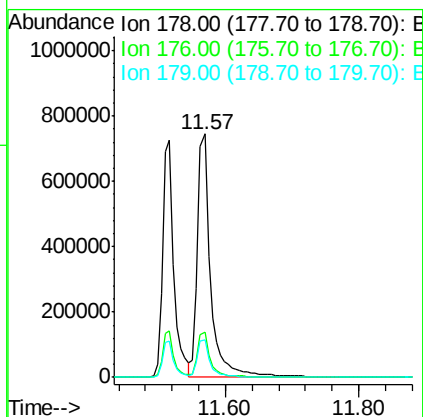
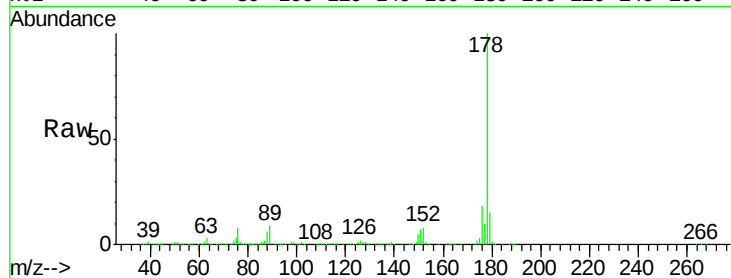




#71
 Anthracene
 Concen: 39.768 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

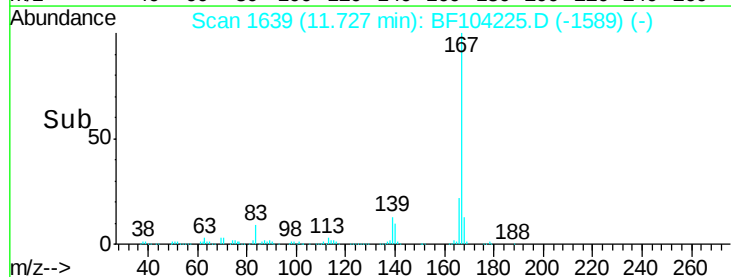
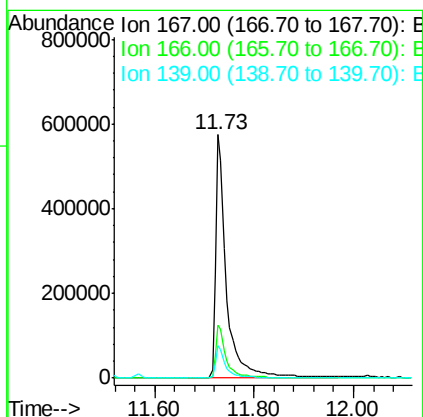
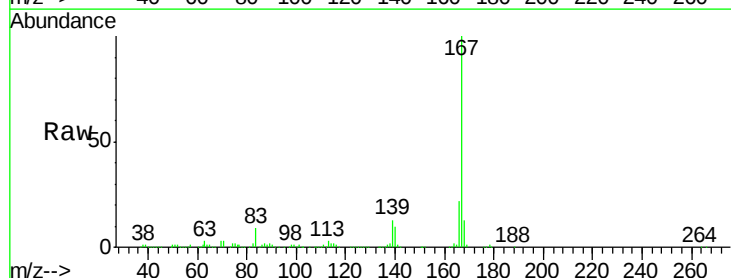
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 983557
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 37.060 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:167 Resp: 874800
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.109 ng

RT: 12.03 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

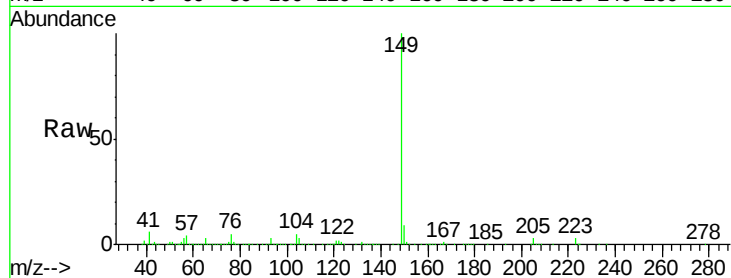
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1015274

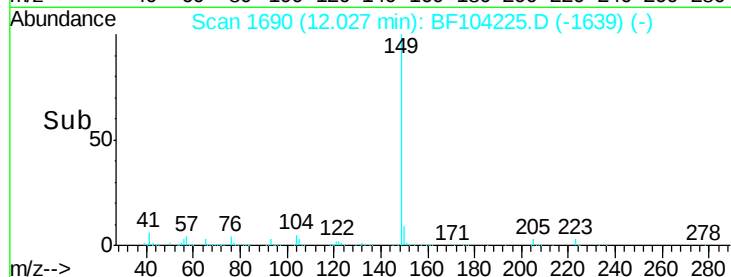
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.8	3.8	5.8



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



12.03

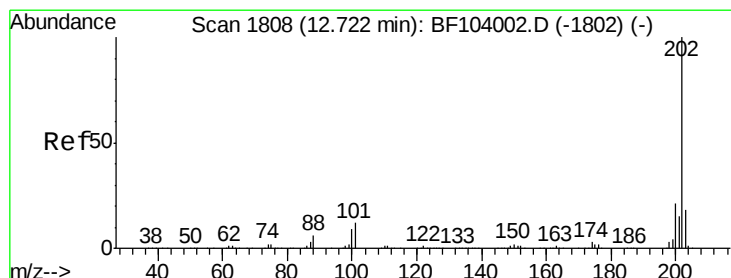
1000000

500000

0

Time-->

11.90 12.00 12.10 12.20



#74

Fluoranthene

Concen: 37.485 ng

RT: 12.70 min Scan# 1805

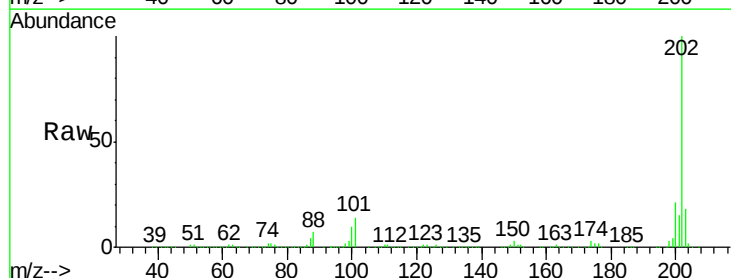
Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Tgt Ion:202 Resp: 943426

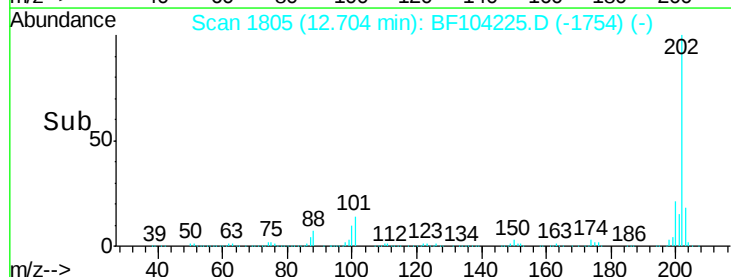
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	18.1	0.0	38.1



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



1000000

800000

600000

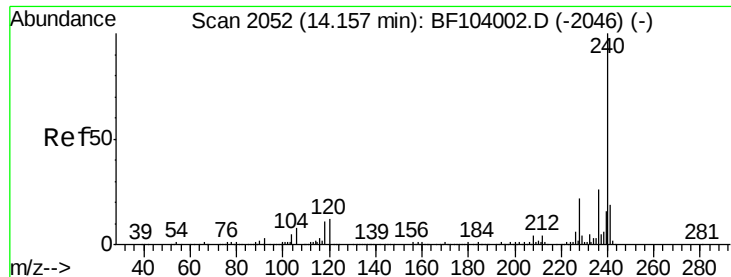
400000

200000

0

Time-->

12.60 12.70 12.80 12.90



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

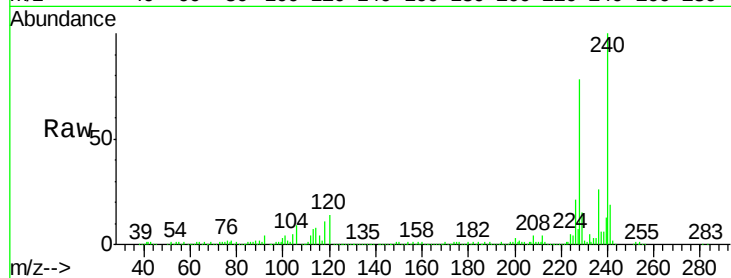
Tot Ion:240 Resp: 364543

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

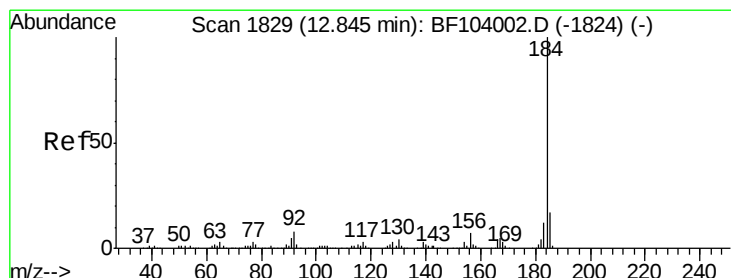
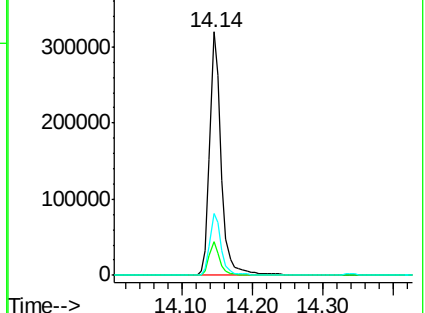
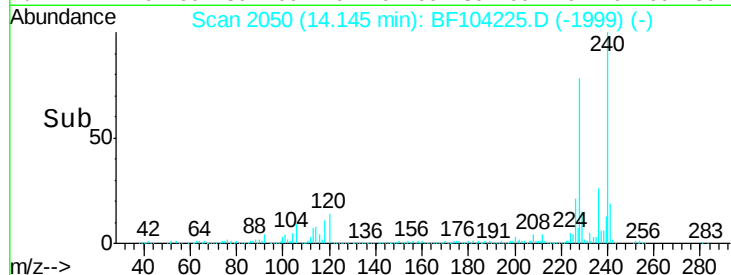
236 25.6 20.7 31.1



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: 8.660 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

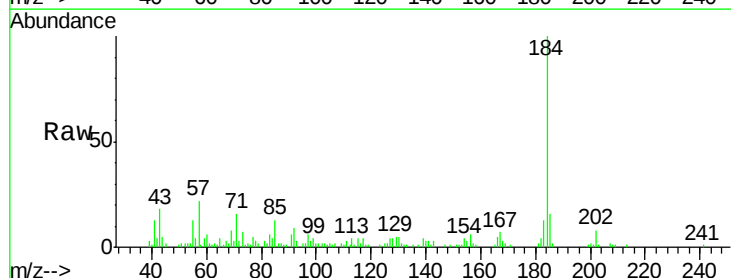
Tgt Ion:184 Resp: 89970

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

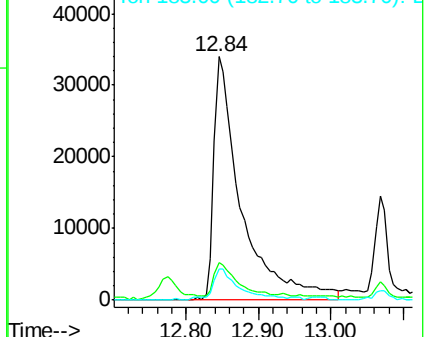
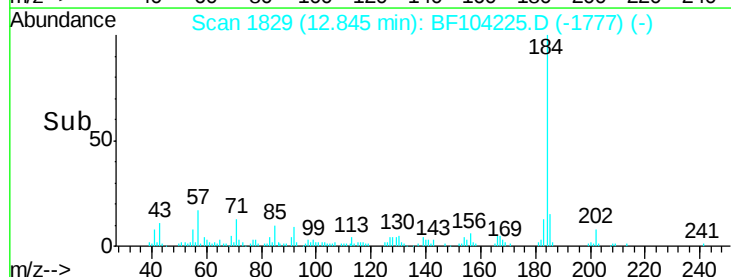
183 12.6 9.3 13.9

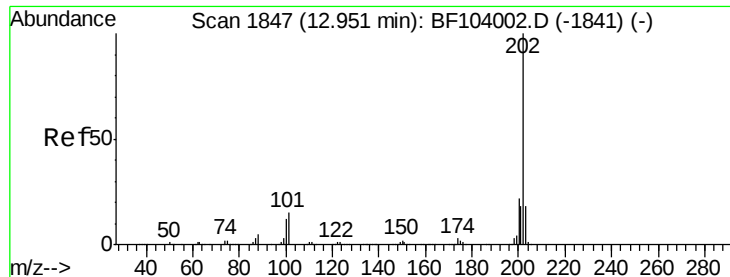


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

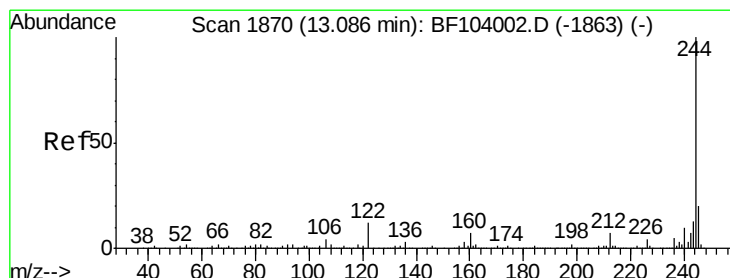
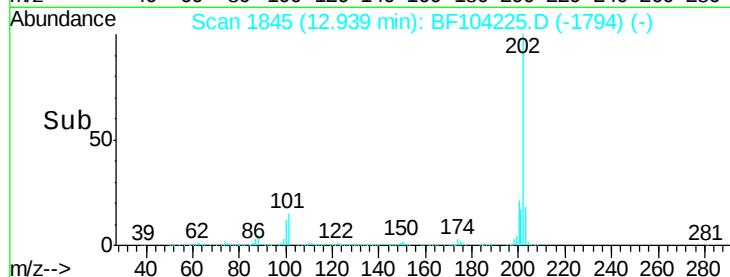
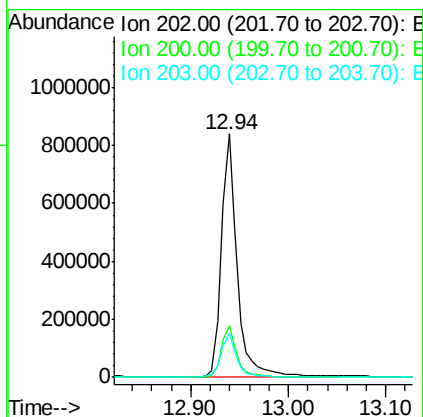
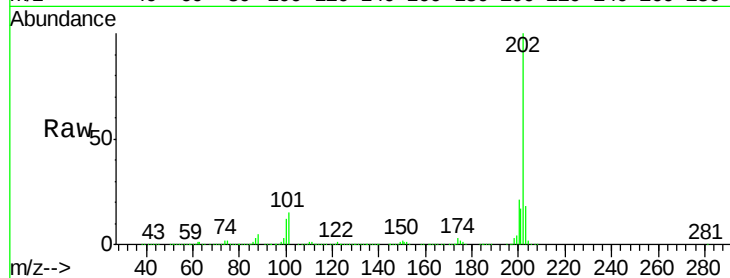




#77
Pvrene
Concen: 35.816 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

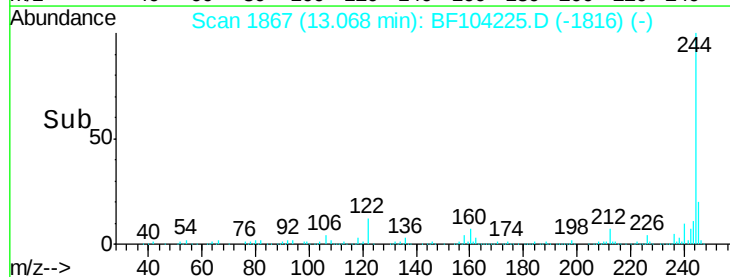
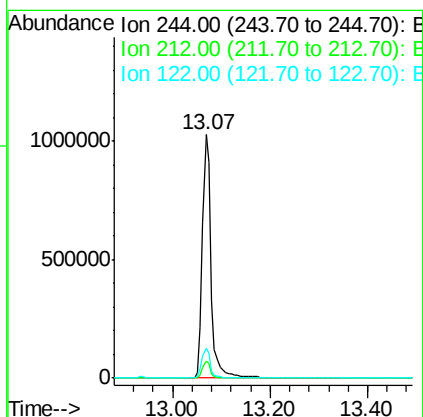
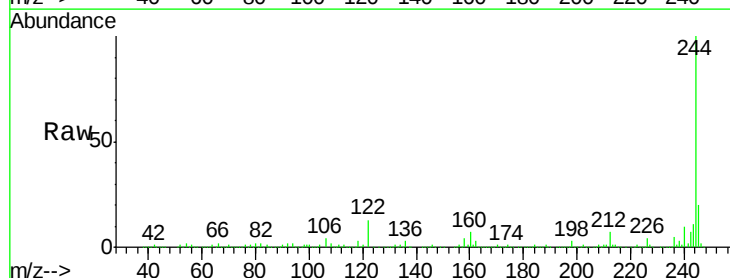
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 938573
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 80.440 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion:244 Resp: 1270002
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.5 11.0 16.4

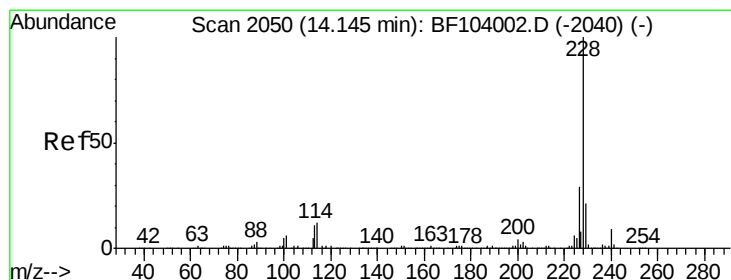
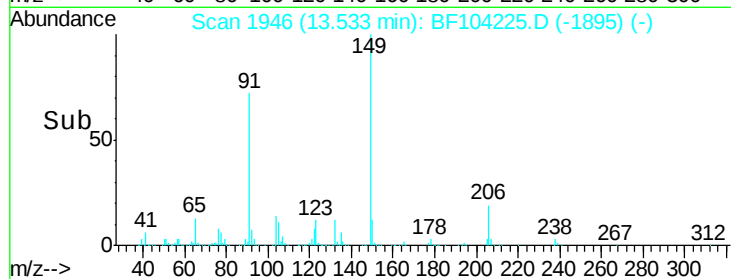
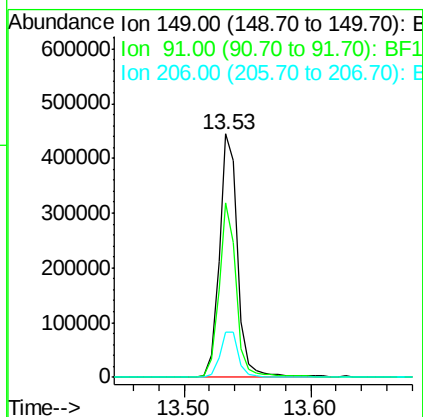
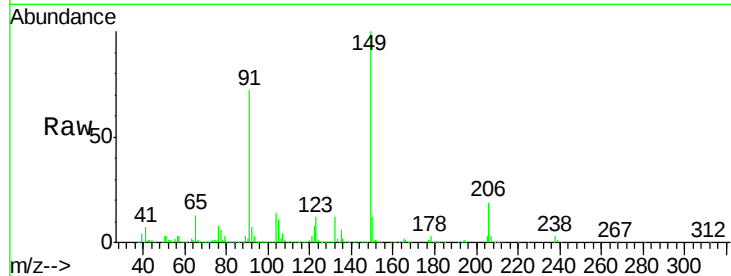




#79
Butylbenzylphthalate
Concen: 36.234 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

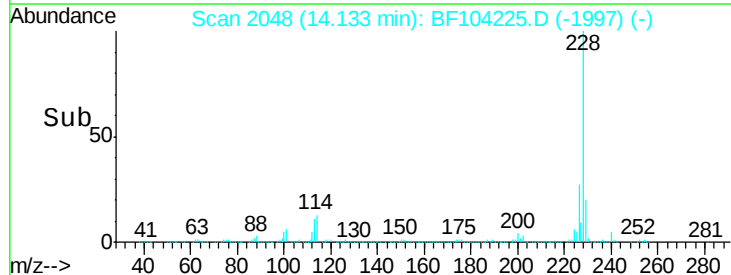
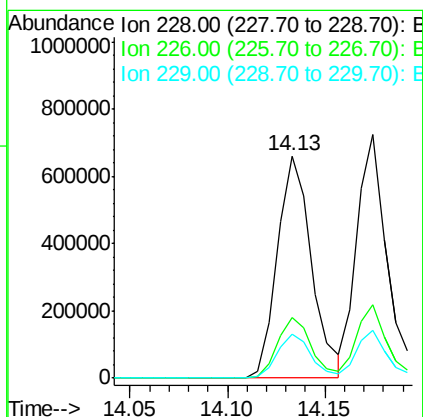
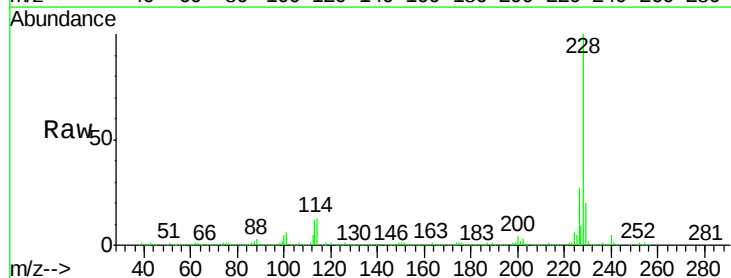
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	56.8	85.2
206	18.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 35.231 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.9	15.8	23.6

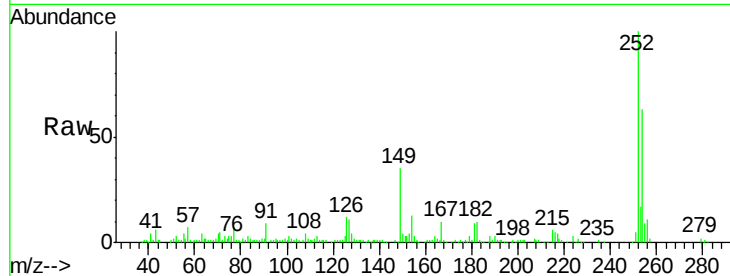




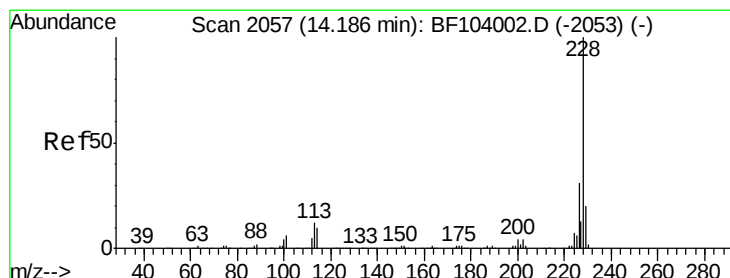
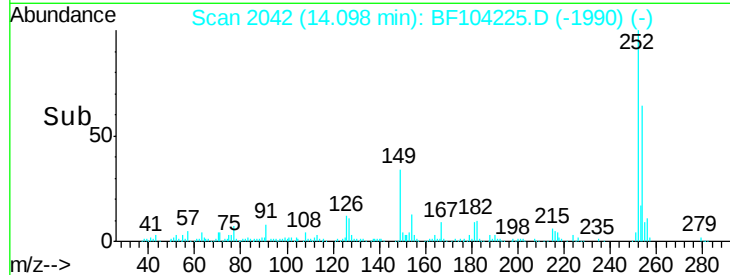
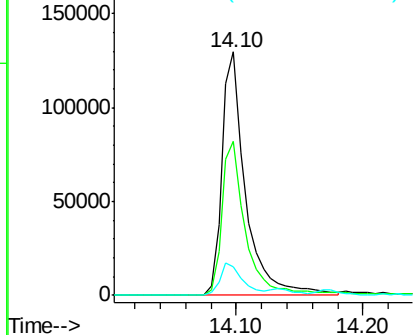
#81
 3,3'-Dichlorobenzidine
 Concen: 22.286 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 168266
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 11.5 11.3 16.9

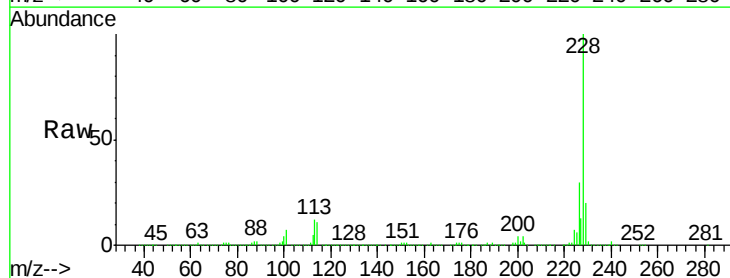


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

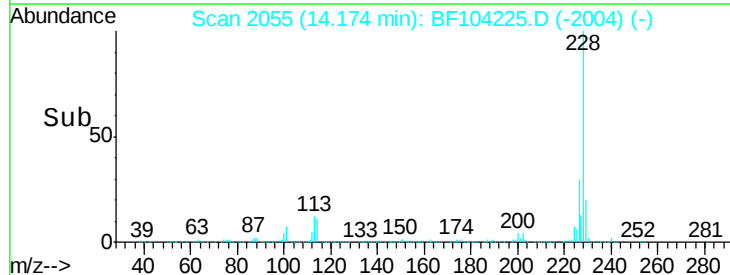
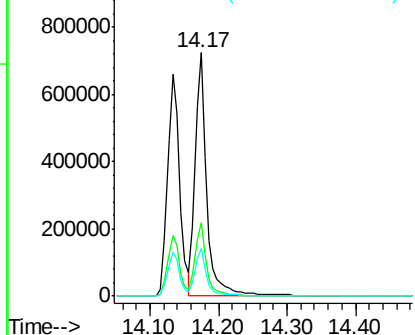


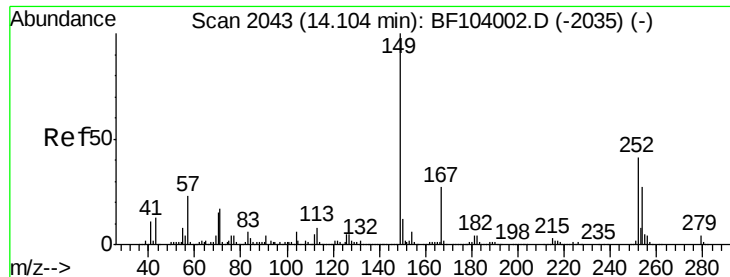
#82
 Chrysene
 Concen: 37.923 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:228 Resp: 847255
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

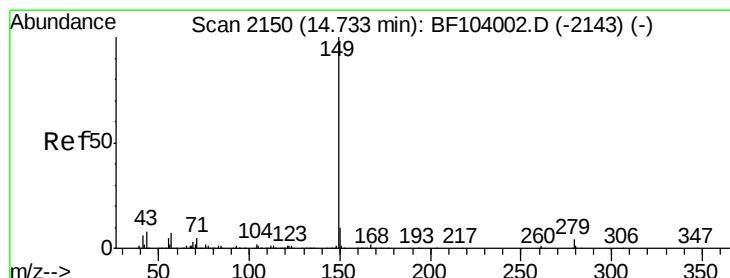
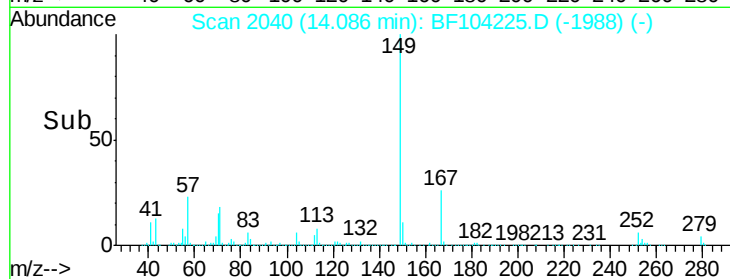
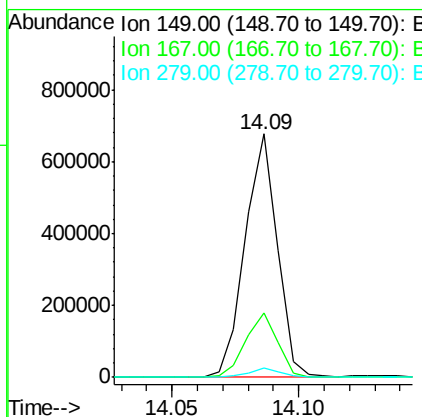
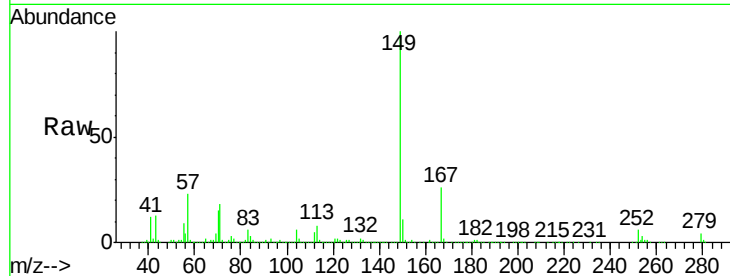




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.381 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

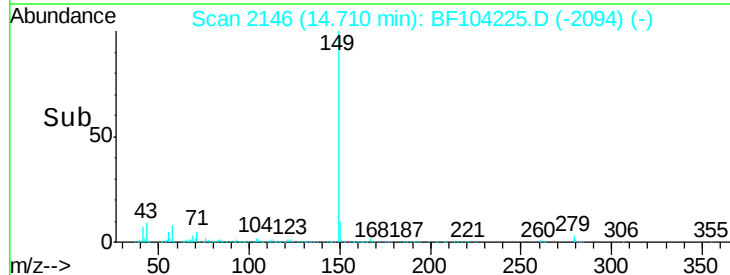
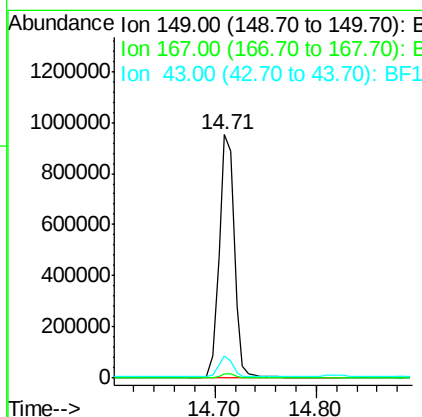
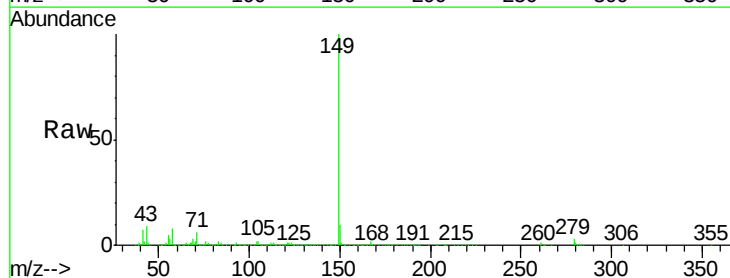
Instrument :
 BNA_F
 ClientSampleId :

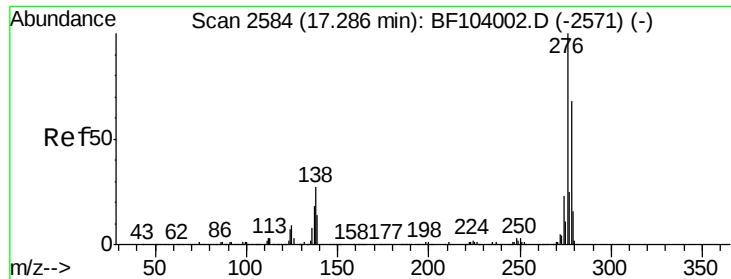
Tot Ion:149 Resp: 596306
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.8 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 35.943 ng
 RT: 14.71 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion:149 Resp: 986292
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.9 8.4 12.6#

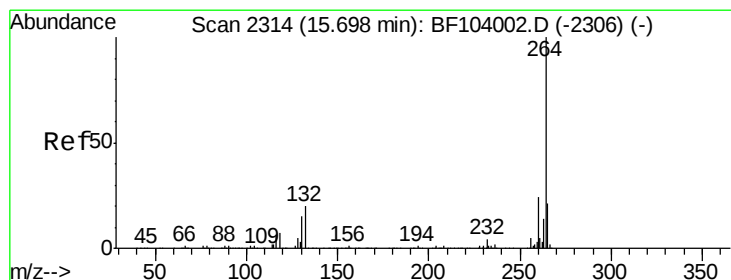
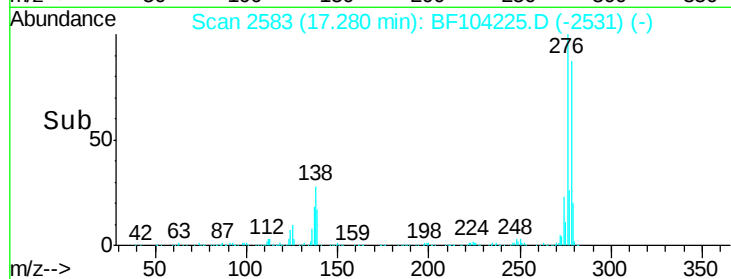
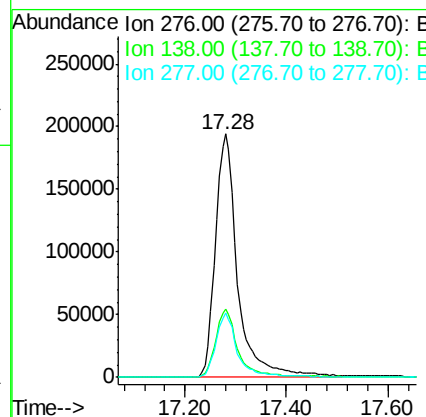
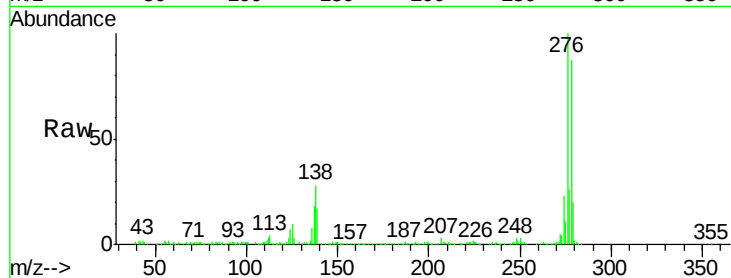




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.622 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

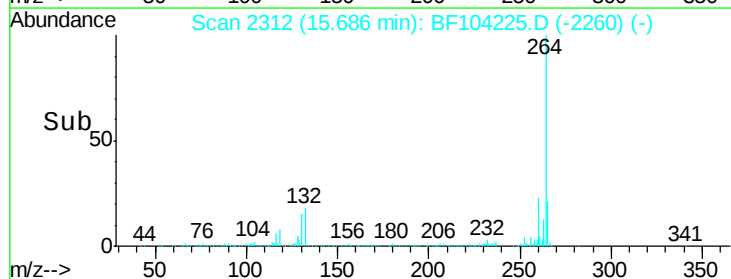
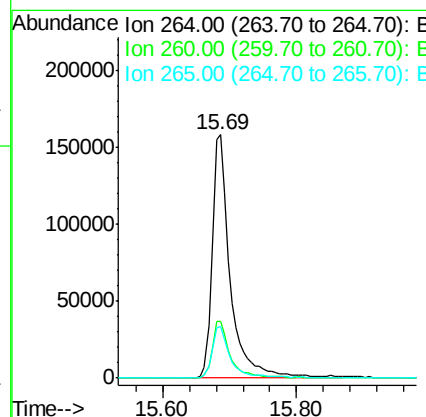
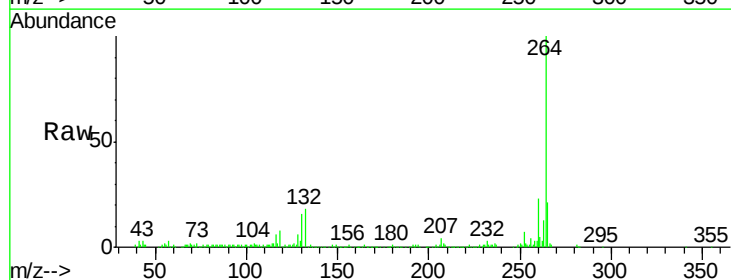
Instrument :
 BNA_F
 ClientSampled :

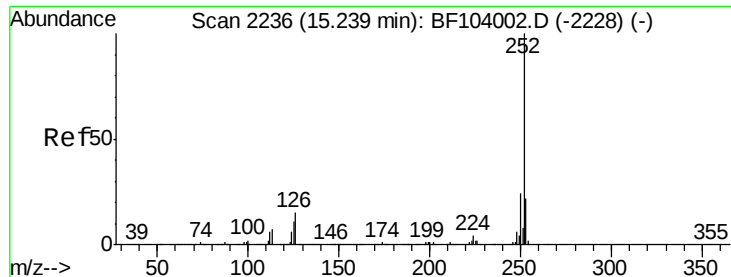
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: BF104225.D
 Acq: 4 Apr 2018 15:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

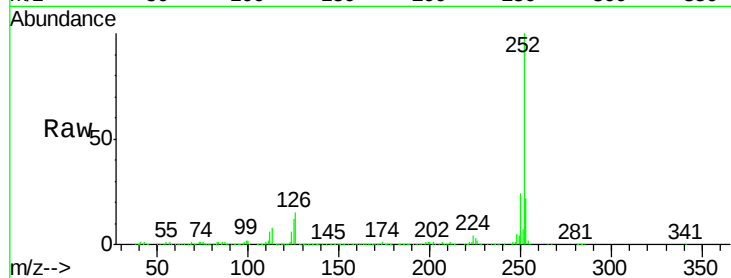




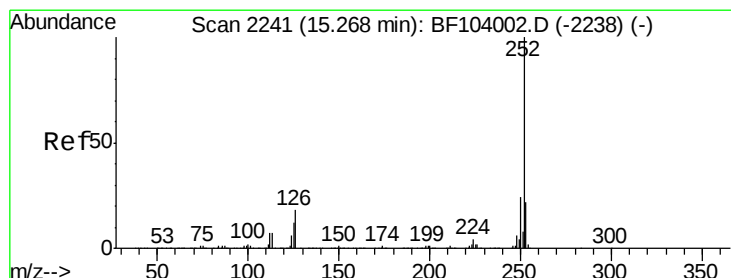
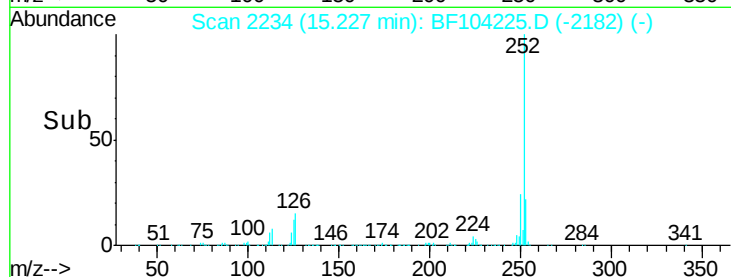
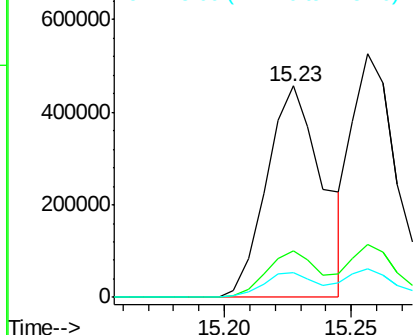
#87
Benzo(b)fluoranthene
Concen: 38.568 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 704217
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 11.7 9.0 13.6

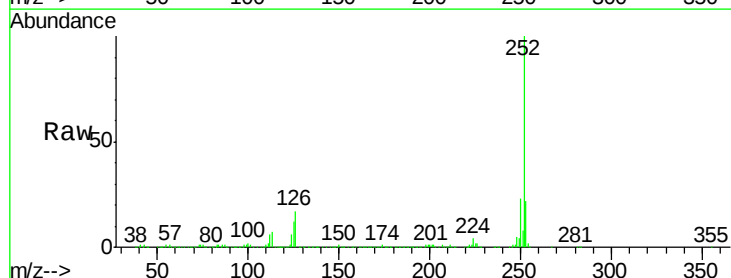


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

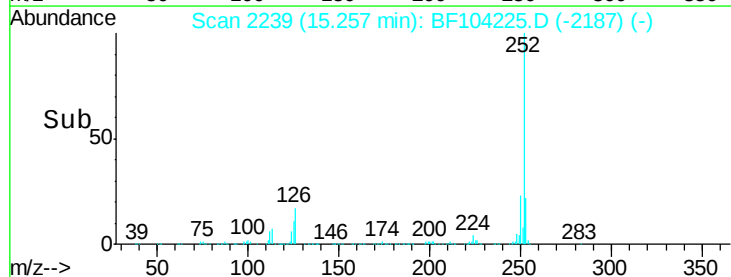
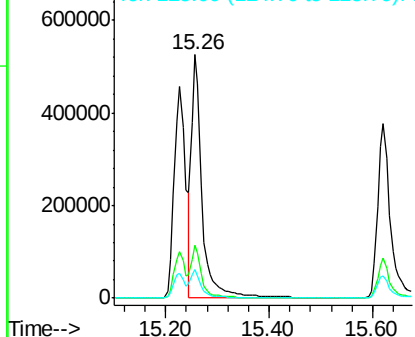


#88
Benzo(k)fluoranthene
Concen: 43.169 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion:252 Resp: 742516
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.5 10.2 15.2



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

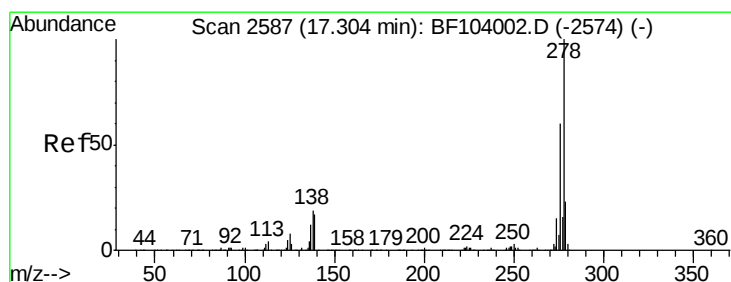
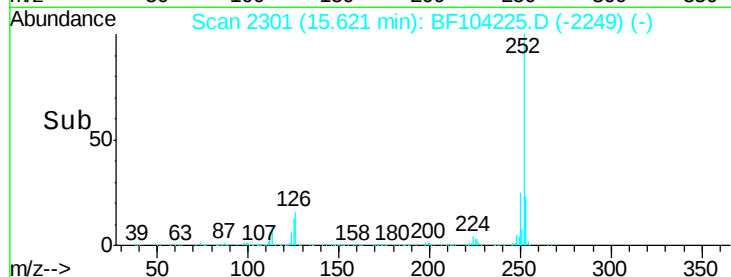
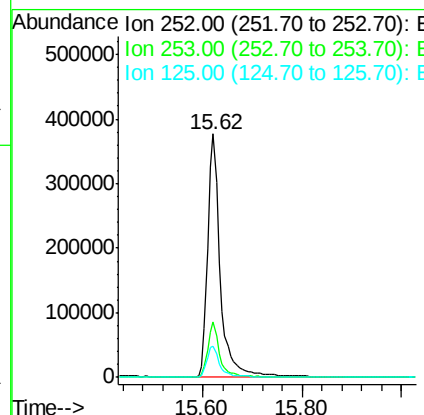
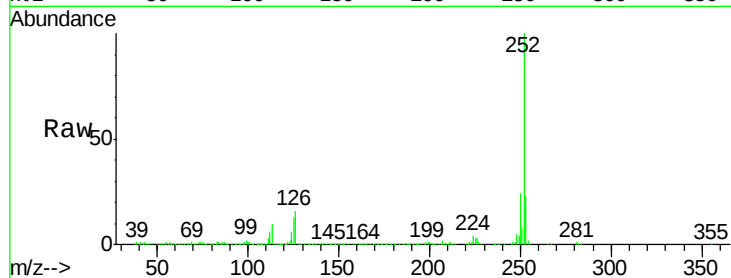




#89
Benzo(a)pyrene
Concen: 38.894 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

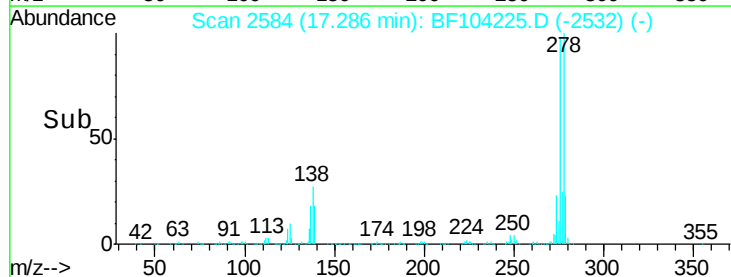
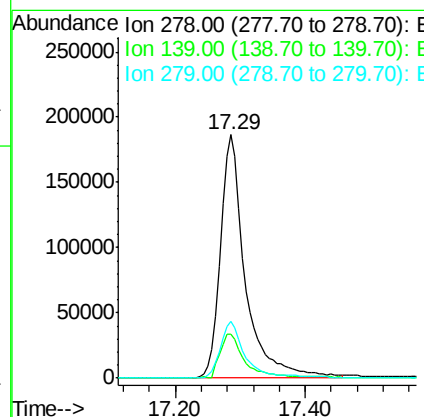
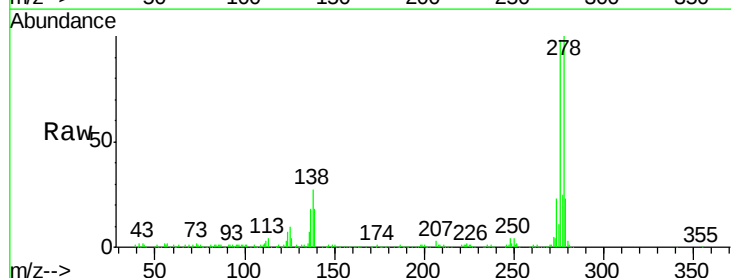
Instrument :
BNA_F
ClientSampleId :

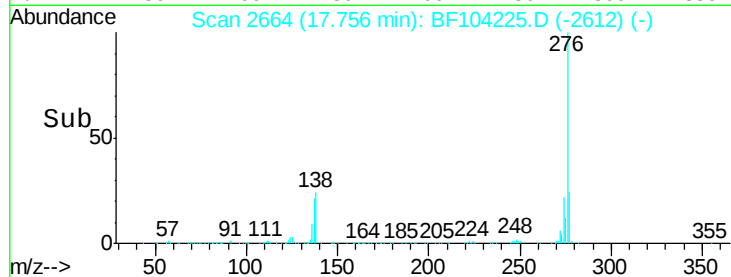
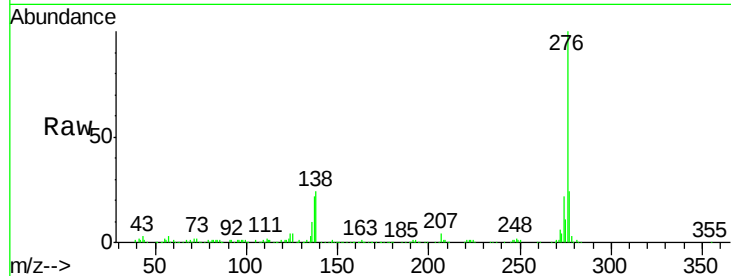
Tot Ion:252 Resp: 658116
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 12.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 31.582 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BF104225.D
Acq: 4 Apr 2018 15:16

Tgt Ion:278 Resp: 494072
Ion Ratio Lower Upper
278 100
139 18.0 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 30.994 ng

RT: 17.76 min Scan# 2664

Delta R.T. 0.01 min

Lab File: BF104225.D

Acq: 4 Apr 2018 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 485658

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 24.3 21.8 32.8

