

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104009.D
 Acq On : 28 Mar 2018 14:59
 Operator : JU/SJ
 Sample : J2075-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 16:50:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	135351	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	561326	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	263898	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	495622	20.00	ng	0.00
75) Chrysene-d12	14.14	240	422113	20.00	ng	-0.01
86) Perylene-d12	15.69	264	335787	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1093239	128.81	ng	0.00
7) Phenol-d6	6.60	99	1341778	128.50	ng	0.00
23) Nitrobenzene-d5	7.53	82	789856	86.05	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	356534	121.33	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1397238	83.49	ng	0.00
78) Terphenyl-d14	13.09	244	1390810	76.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.50	42	114	0.041	ng	# 1
6) Aniline	6.62	93	246	0.020	ng	# 1
9) Benzaldehyde	6.74	77	22119	2.718	ng	86
10) Phenol	6.62	94	23257	2.010	ng	# 1
11) bis(2-Chloroethyl)ether	6.74	93	1352	0.136	ng	# 1
15) Benzyl Alcohol	7.12	79	12819	1.888	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1398	0.129	ng	70
18) Hexachloroethane	7.33	117	110	0.029	ng	# 2
19) n-Nitroso-di-n-propylamine	7.53	70	100153	16.162	ng	# 72
24) Nitrobenzene	7.53	77	2075	0.215	ng	# 38
25) Isophorone	7.53	82	789856	46.694	ng	# 64
31) Naphthalene	8.27	128	1521	0.055	ng	# 68
37) 2-Methylnaphthalene	8.96	142	270	0.015	ng	# 81
45) 1,1'-Biphenyl	9.42	154	3876	0.171	ng	91
46) 2-Chloronaphthalene	9.70	162	1454	0.081	ng	# 1
47) 2-Nitroaniline	9.71	65	1704	0.334	ng	# 1
48) Acenaphthylene	9.86	152	531	0.020	ng	# 60
49) Dimethylphthalate	9.71	163	186472	8.950	ng	98
50) 2,6-Dinitrotoluene	9.71	165	1946	0.434	ng	# 8
51) Acenaphthene	10.00	154	791	0.051	ng	# 4
56) 2,4-Dinitrotoluene	10.00	165	33247	5.812	ng	# 23
57) Fluorene	10.80	166	14955	0.793	ng	# 84
59) Diethylphthalate	10.40	149	6614	0.331	ng	# 94
62) Azobenzene	10.69	77	106	0.006	ng	# 50
64) 4,6-Dinitro-2-methylphenol	10.80	198	569	0.190	ng	# 1
65) n-Nitrosodiphenylamine	10.80	169	10217	0.609	ng	# 42
66) 4-Bromophenyl-phenylether	10.80	248	21183	3.995	ng	# 1
70) Phenanthrene	11.52	178	2539	0.095	ng	97
71) Anthracene	11.52	178	2539	0.091	ng	95
72) Carbazole	12.00	167	123	0.005	ng	# 1
73) Di-n-butylphthalate	12.04	149	6026	0.189	ng	# 86
74) Fluoranthene	12.72	202	2353	0.082	ng	92
76) Benzydine	13.09	184	18174	1.511	ng	99
77) Pyrene	12.94	202	3034	0.100	ng	97

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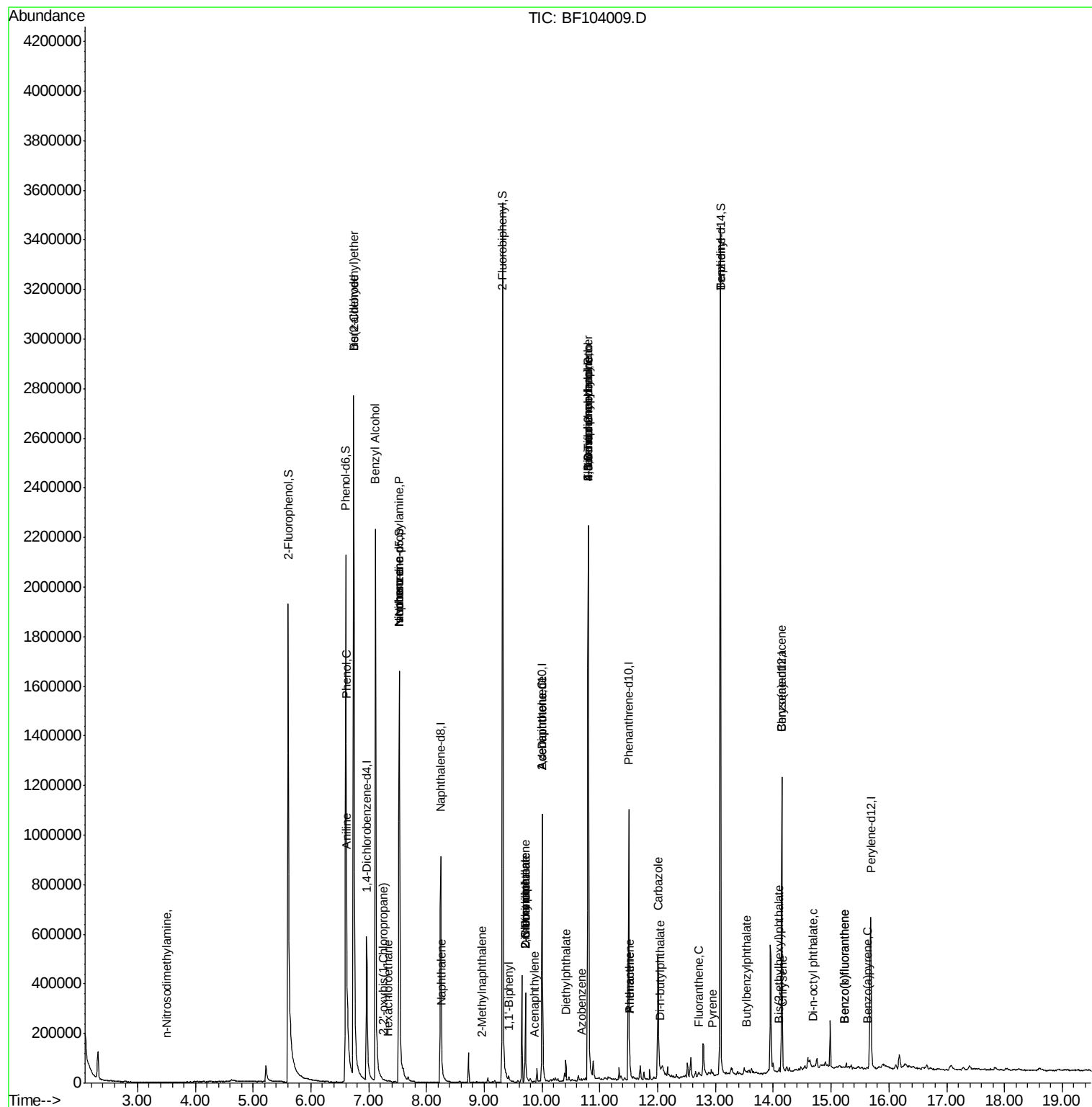
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	13.54	149	963	0.067	ng	# 78
80) Benzo(a)anthracene	14.14	228	2817	0.107	ng	# 85
82) Chrysene	14.17	228	1167	0.045	ng	# 79
83) Bis(2-ethylhexyl)phthalate	14.10	149	4782	0.259	ng	# 96
84) Di-n-octyl phthalate	14.69	149	199	0.006	ng	# 55
87) Benzo(b)fluoranthene	15.23	252	1619	0.079	ng	# 4
88) Benzo(k)fluoranthene	15.23	252	1619	0.084	ng	# 4
89) Benzo(a)pyrene	15.62	252	1009	0.053	ng	# 25

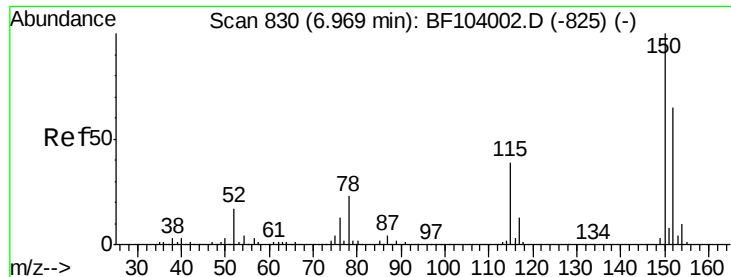
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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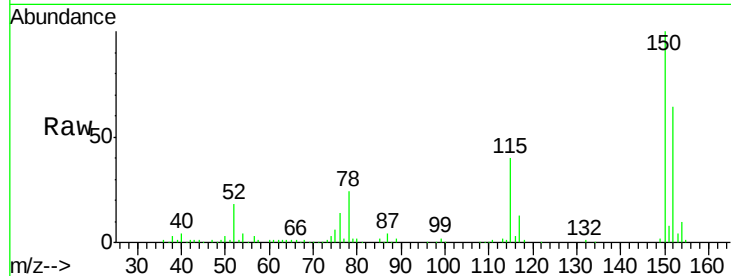


#1

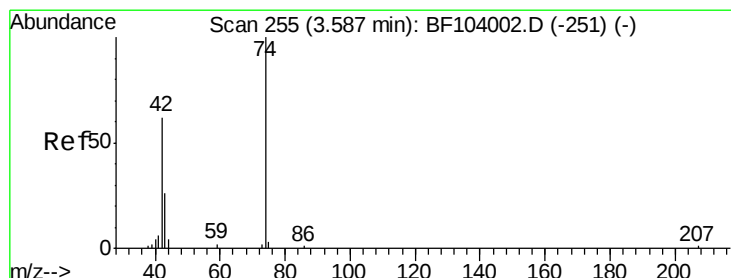
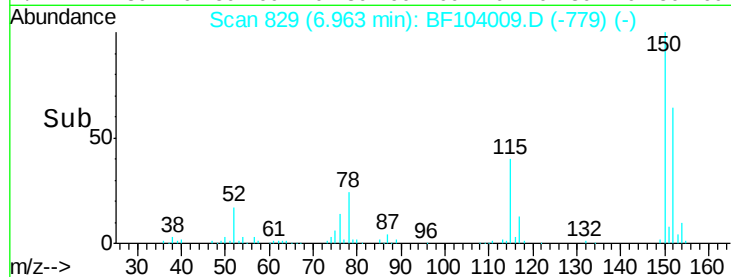
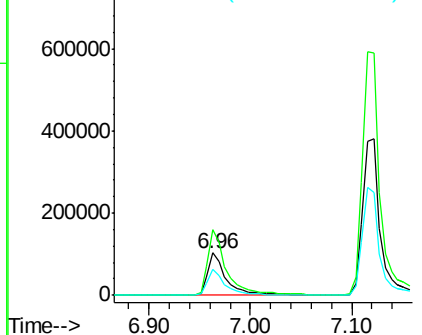
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	61.7	50.1	75.1



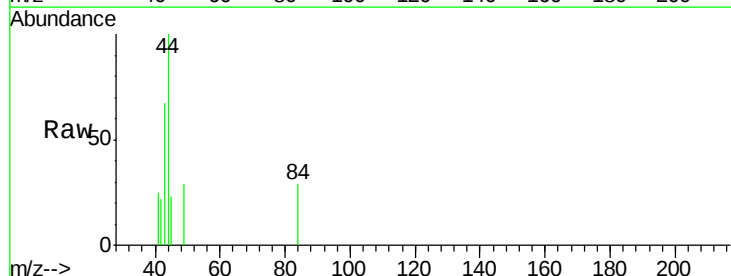
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



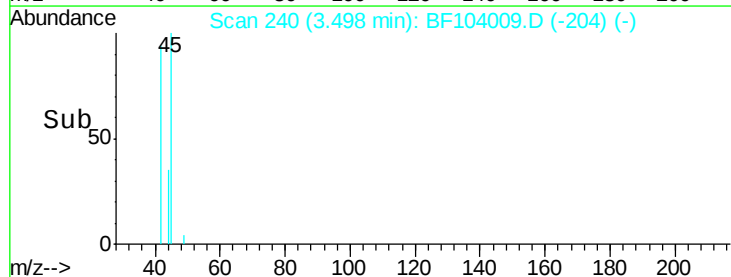
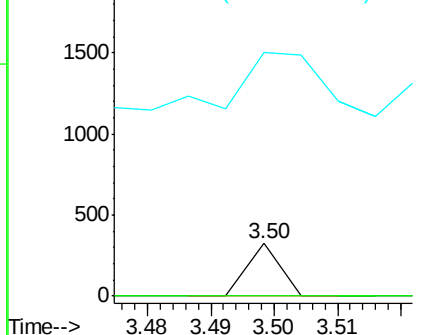
#4

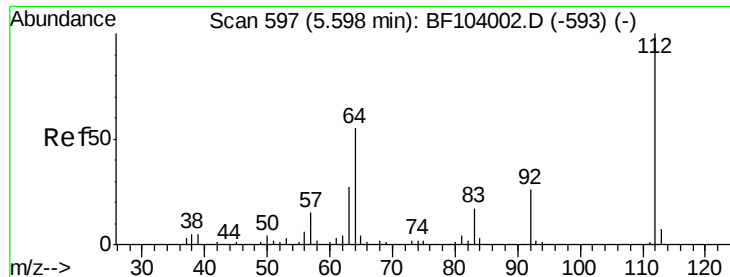
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.50 min Scan# 240
Delta R.T. -0.09 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	463.6	6.9	10.3#



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





#5

2-Fluorophenol

Concen: 128.809 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampled :

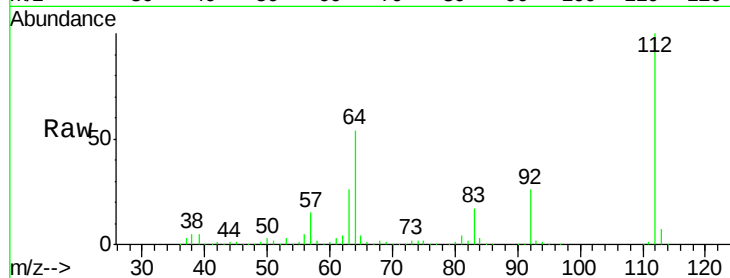
Tot Ion:112 Resp: 1093239

Ion Ratio Lower Upper

112 100

64 53.8 47.9 71.9

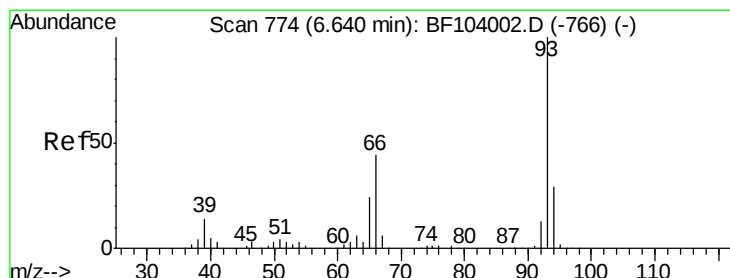
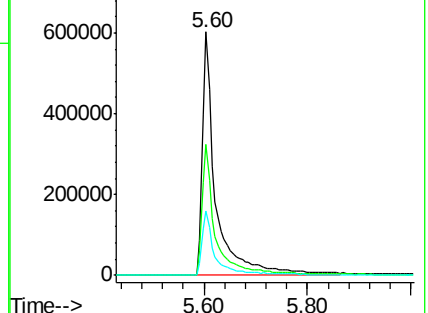
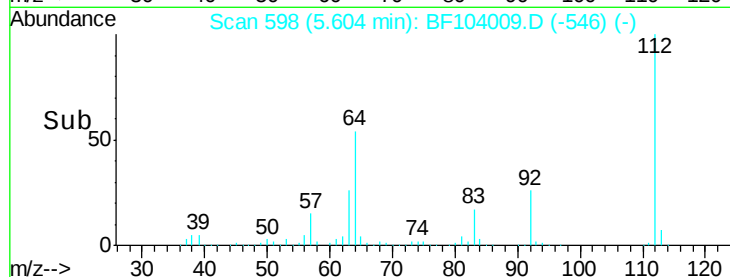
63 26.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.020 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

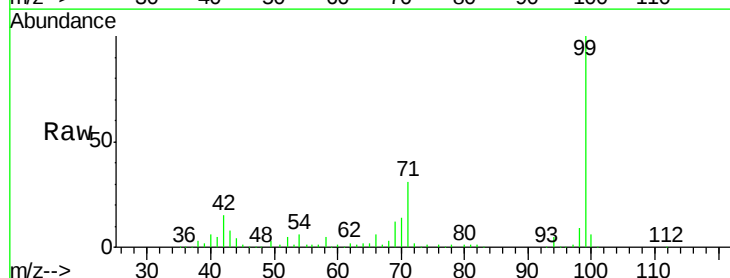
Tgt Ion: 93 Resp: 246

Ion Ratio Lower Upper

93 100

66 2885.6 32.2 48.2#

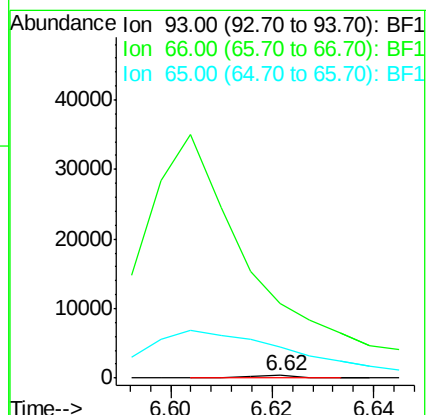
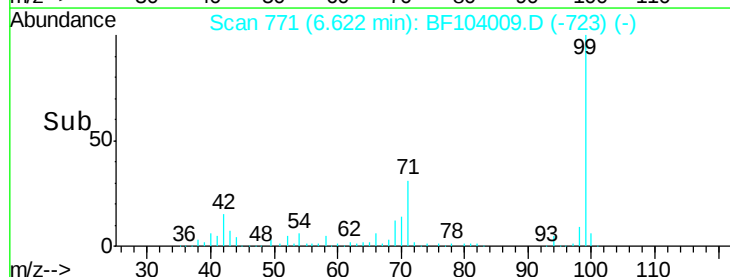
65 1169.9 16.4 24.6#

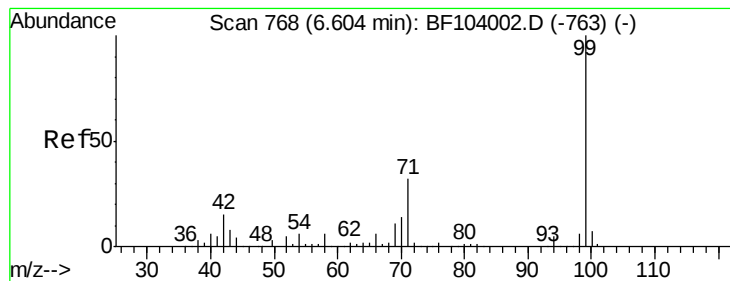


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.499 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampled :

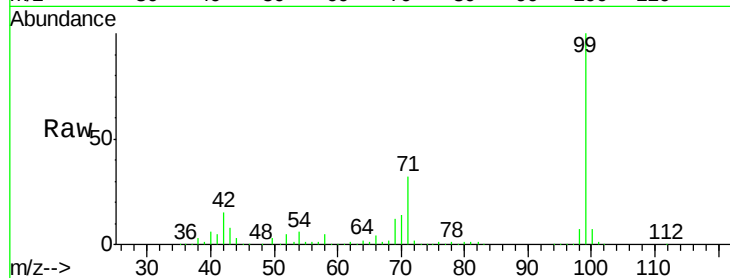
Tot Ion: 99 Resp: 1341778

Ion Ratio Lower Upper

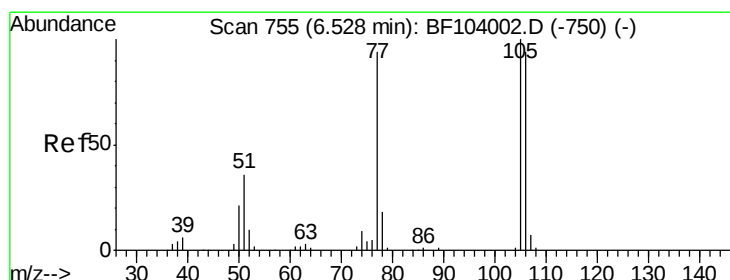
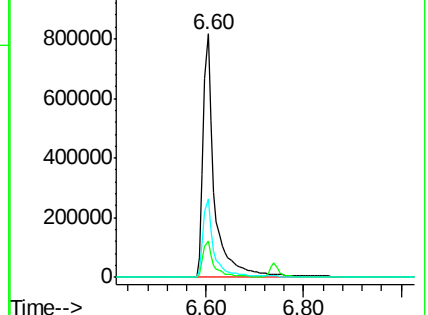
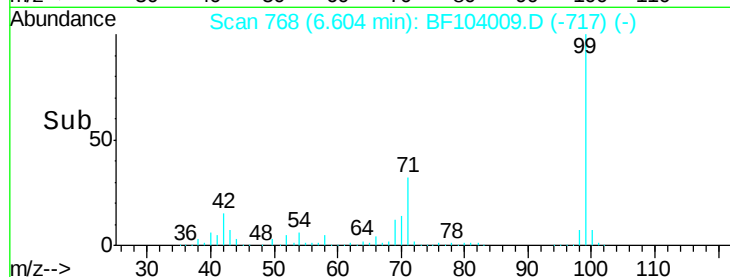
99 100

42 15.1 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



#9

Benzaldehyde

Concen: 2.718 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.21 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

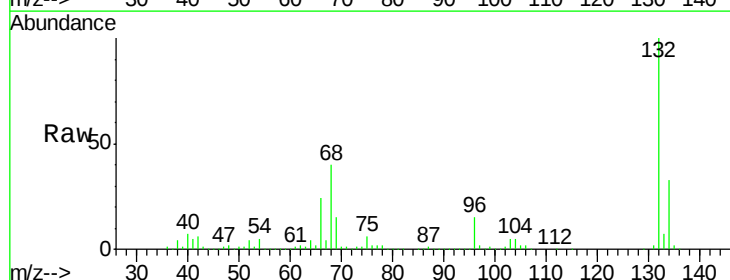
Tgt Ion: 77 Resp: 22119

Ion Ratio Lower Upper

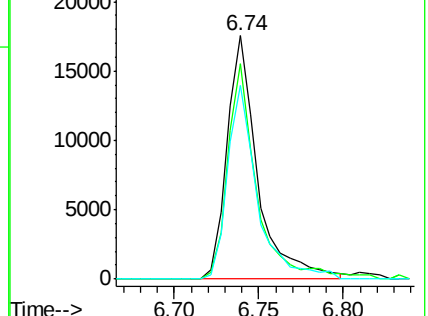
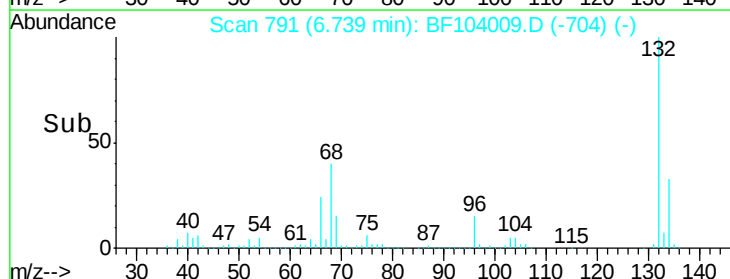
77 100

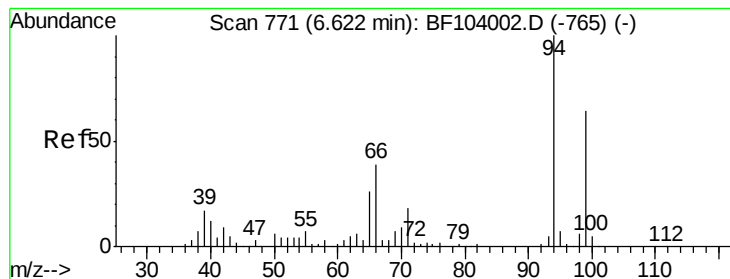
105 88.4 81.1 121.1

106 79.6 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: 2.010 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampled :

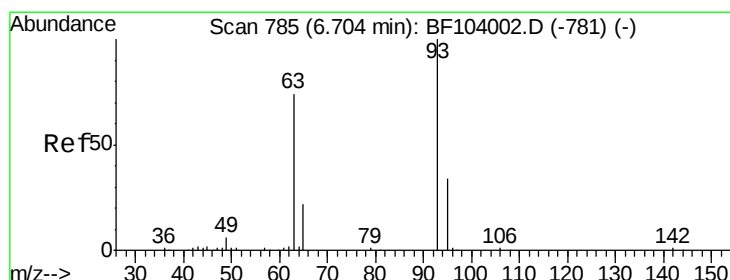
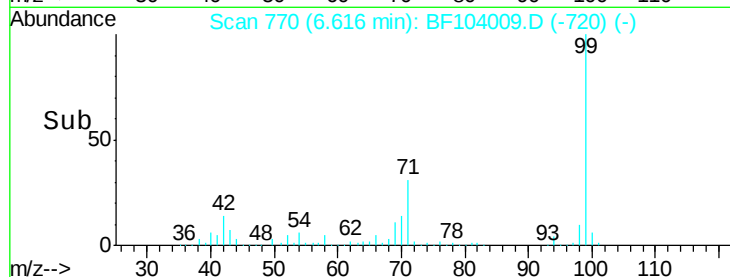
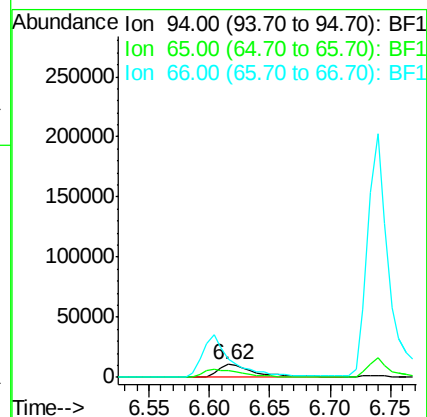
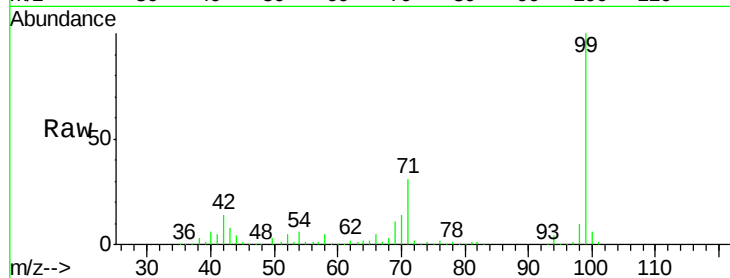
Tot Ion: 94 Resp: 23257

Ion Ratio Lower Upper

94 100

65 52.3 7.9 47.9#

66 145.3 16.2 56.2#



#11

bis(2-Chloroethyl)ether

Concen: 0.136 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.03 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

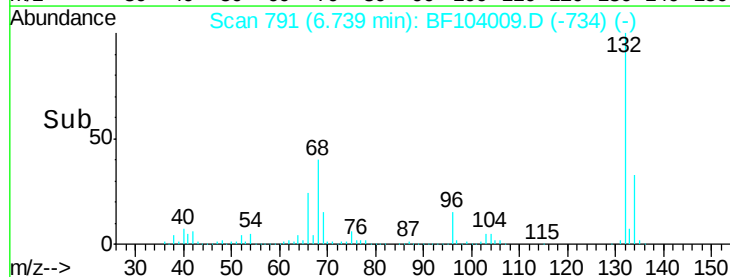
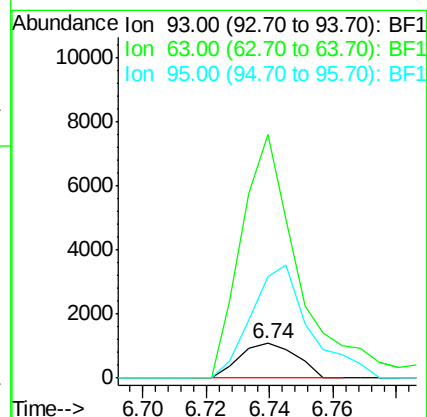
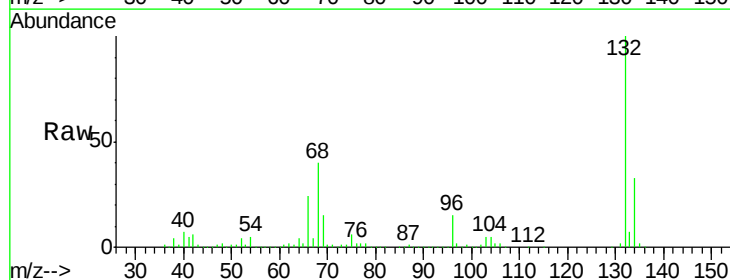
Tgt Ion: 93 Resp: 1352

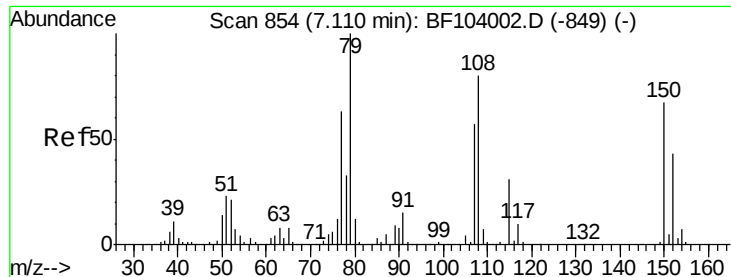
Ion Ratio Lower Upper

93 100

63 700.7 58.6 98.6#

95 293.5 11.8 51.8#





#15

Benzyl Alcohol

Concen: 1.888 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampleId :

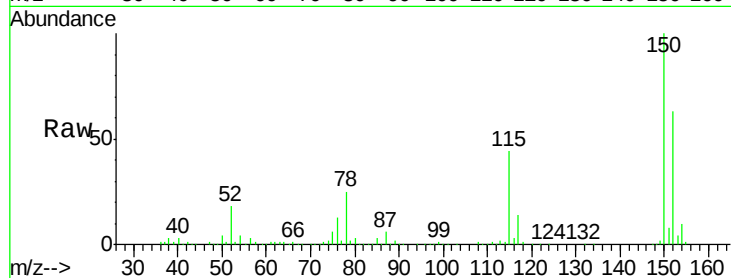
Tot Ion: 79 Resp: 12819

Ion Ratio Lower Upper

79 100

108 29.8 65.1 97.7#

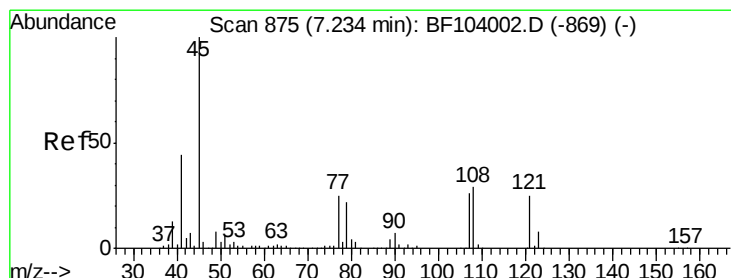
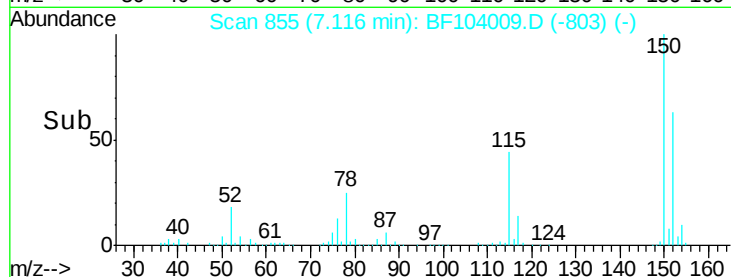
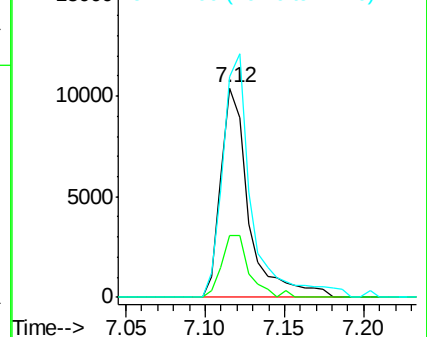
77 105.2 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.129 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.02 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

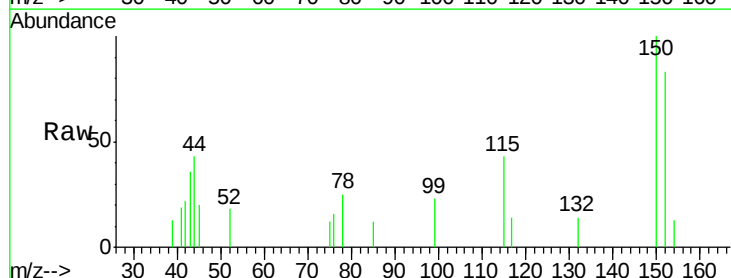
Tgt Ion: 45 Resp: 1398

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.9

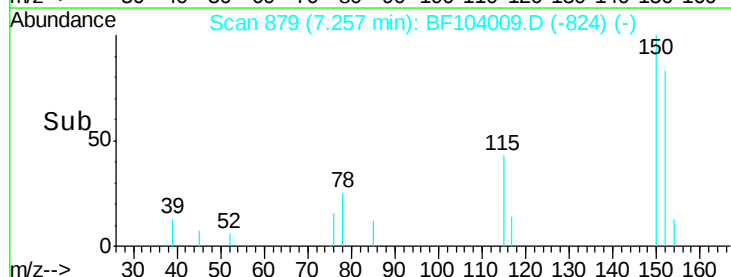
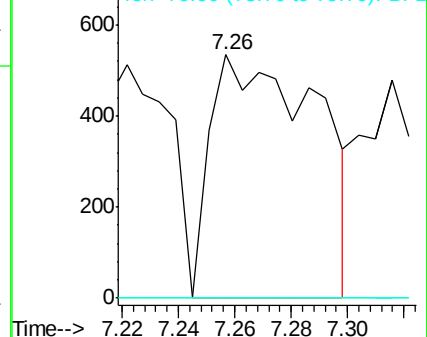
79 0.0 0.0 29.6

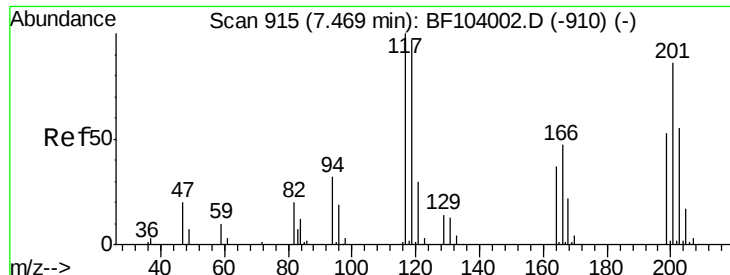


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

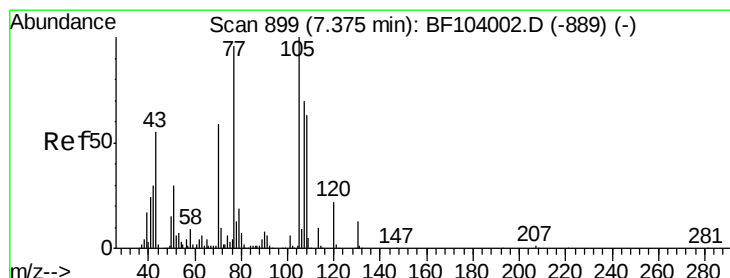
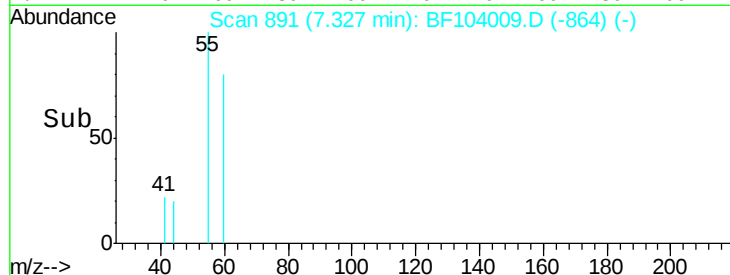
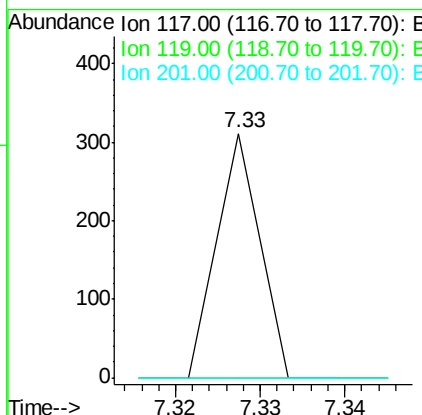
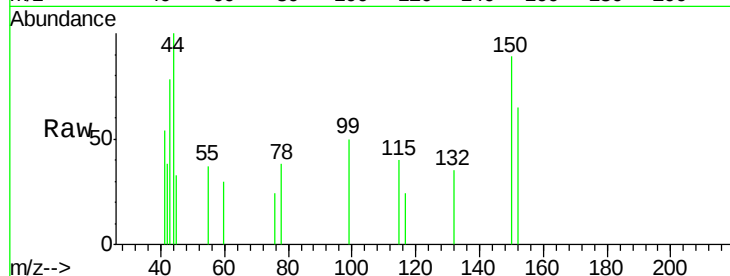




#18
Hexachloroethane
Concen: 0.029 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.14 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

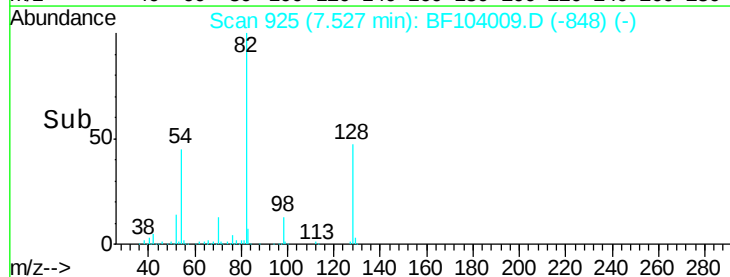
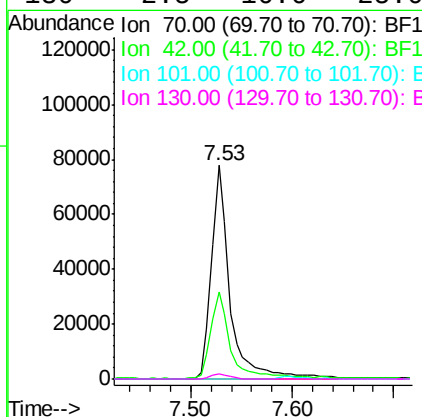
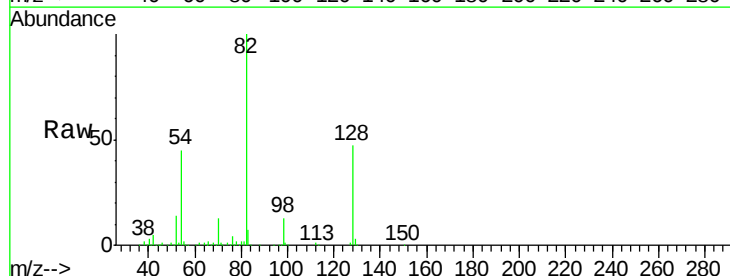
Instrument :
BNA_F
ClientSampleId :

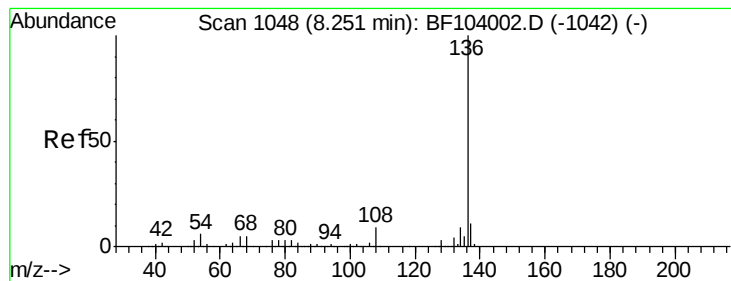
Tot Ion:117 Resp: 110
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.162 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion: 70 Resp: 100153
Ion Ratio Lower Upper
70 100
42 40.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104009.D

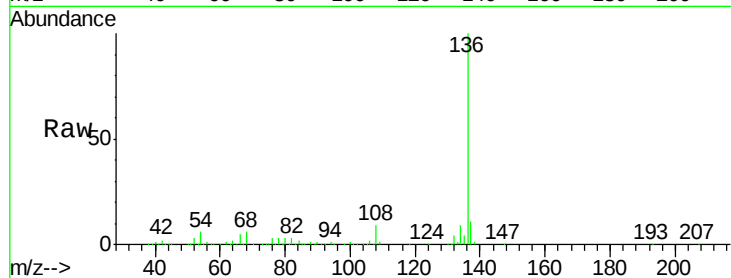
Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	561326
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.4	6.6 9.8#
68	5.8	5.0 7.4

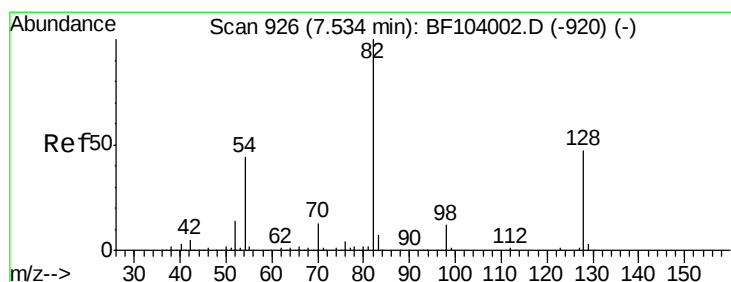
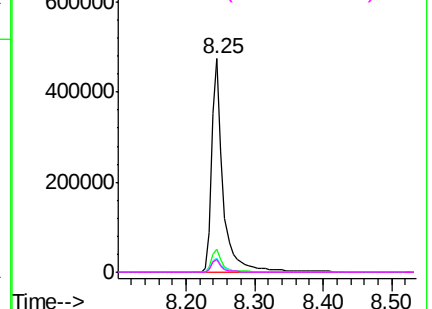
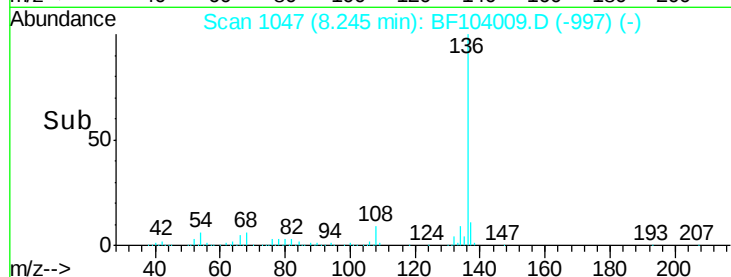


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 86.053 ng

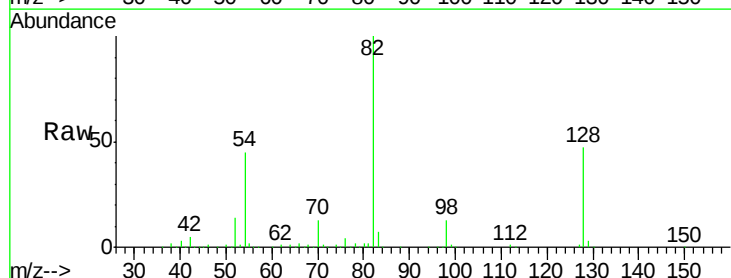
RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

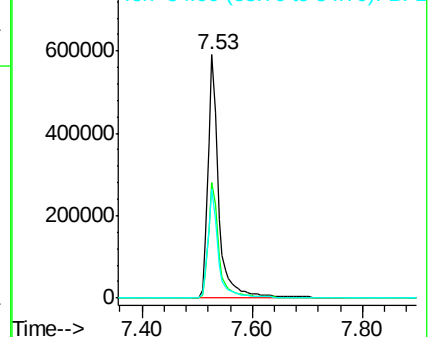
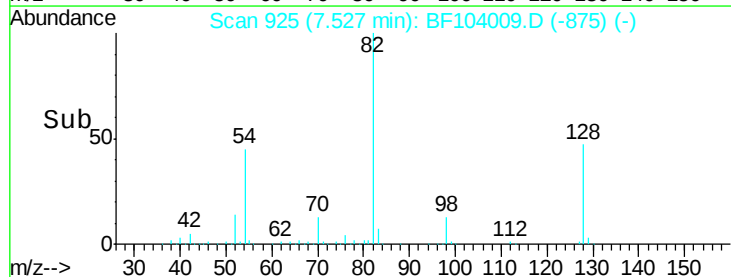
Tgt Ion: 82	Resp:	789856
Ion Ratio	Lower	Upper
82	100	
128	47.2	36.1 54.1
54	45.0	41.4 62.2

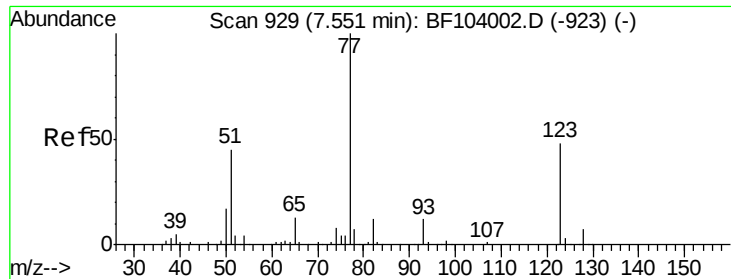


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

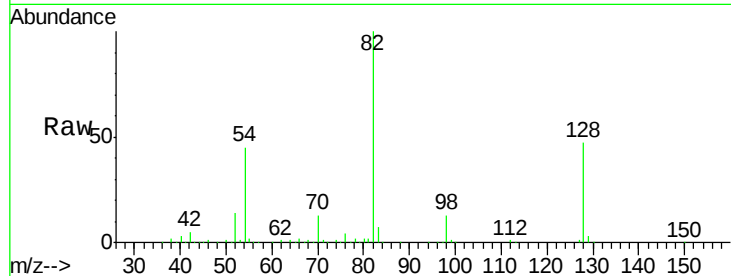




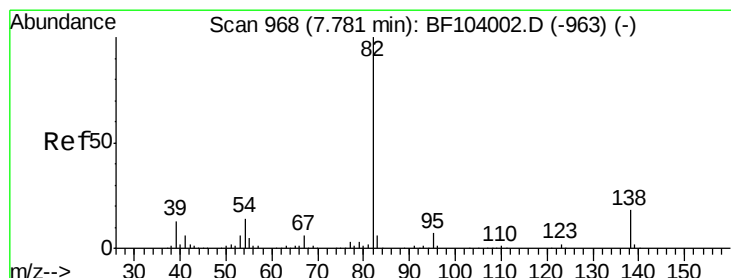
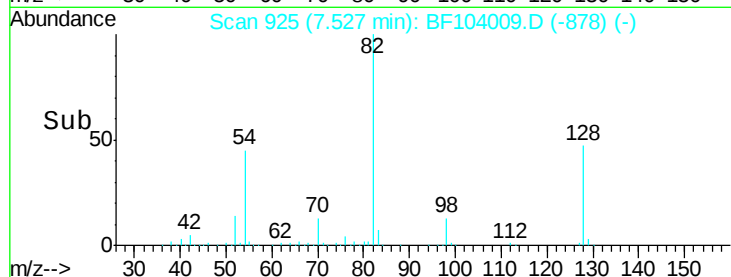
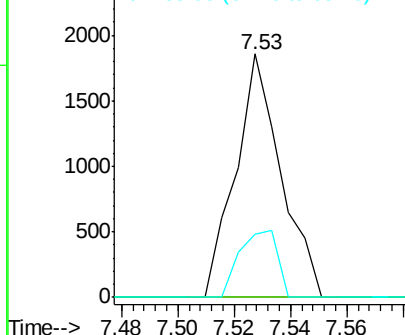
#24
 Nitrobenzene
 Concen: 0.215 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	25.8	11.0	16.4#

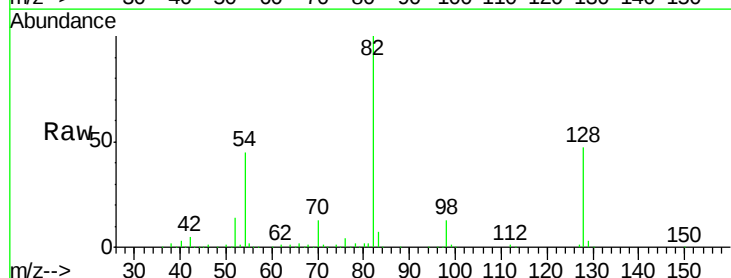


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

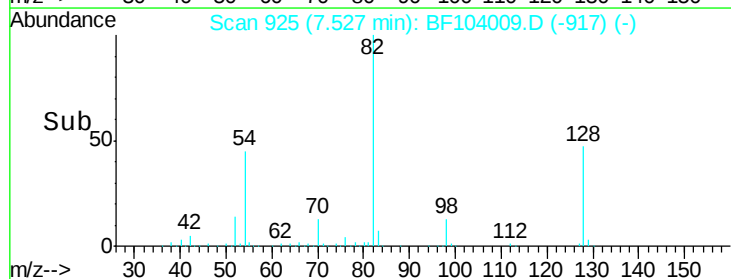
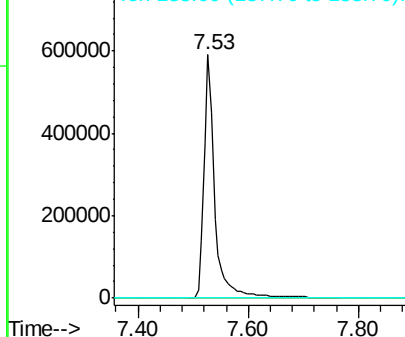


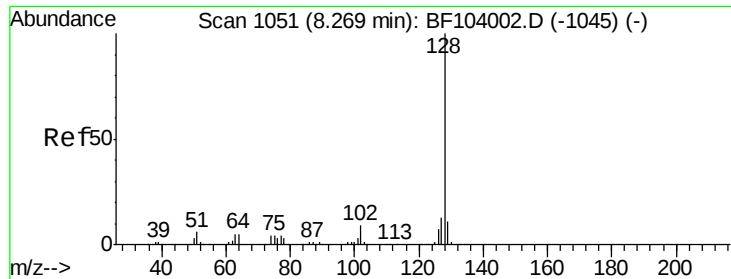
#25
 Isophorone
 Concen: 46.694 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.25 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

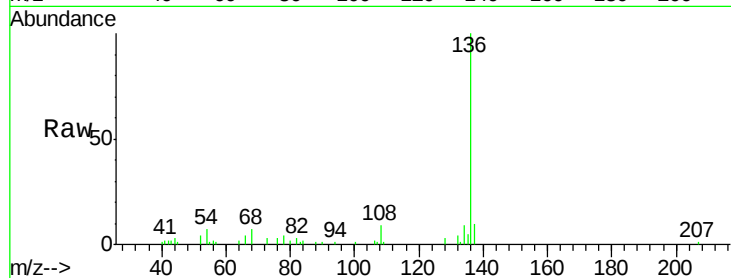




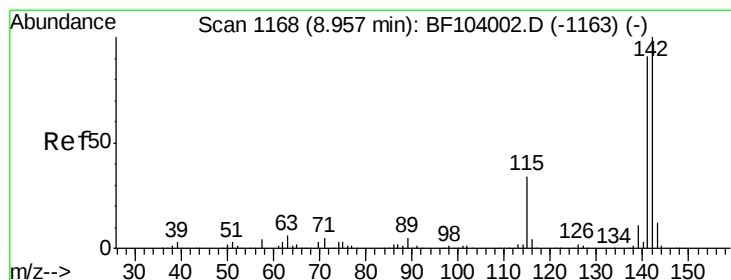
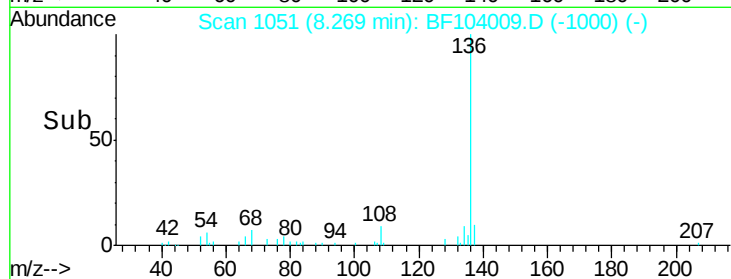
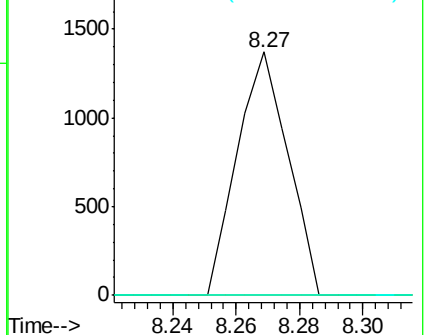
#31
Naphthalene
Concen: 0.055 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.9	16.3#

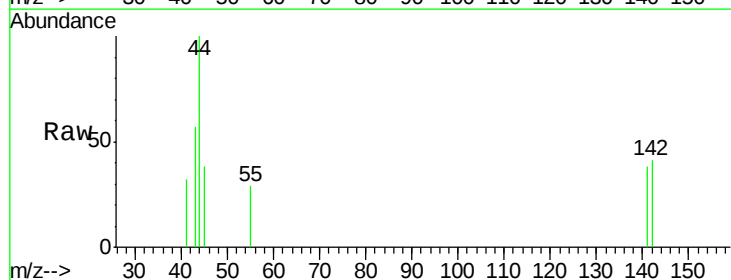


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

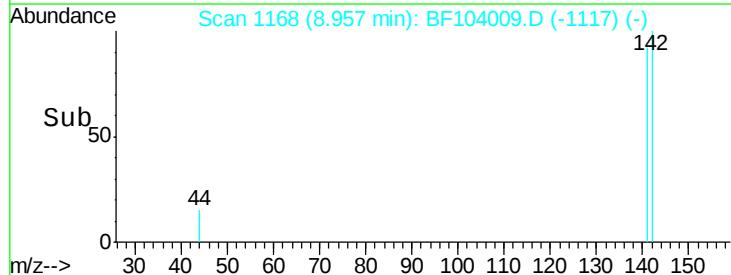
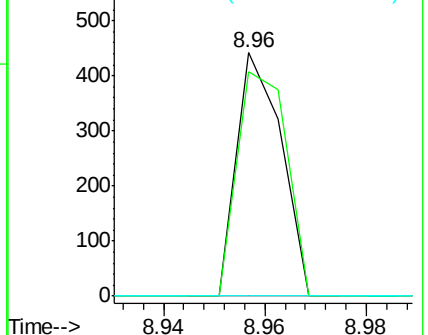


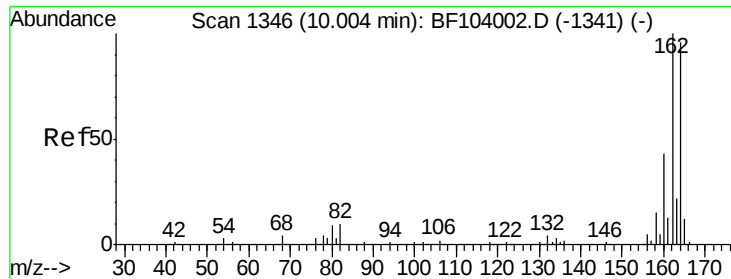
#37
2-Methylnaphthalene
Concen: 0.015 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	70.8	106.2
115	0.0	26.1	39.1#



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

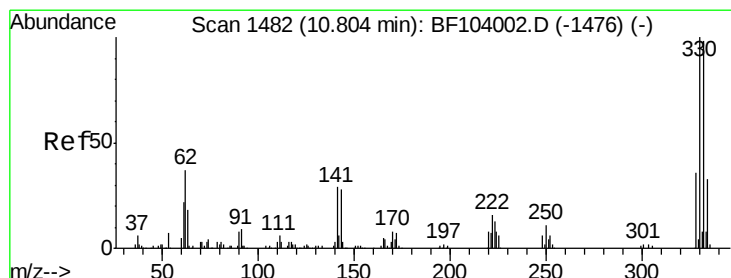
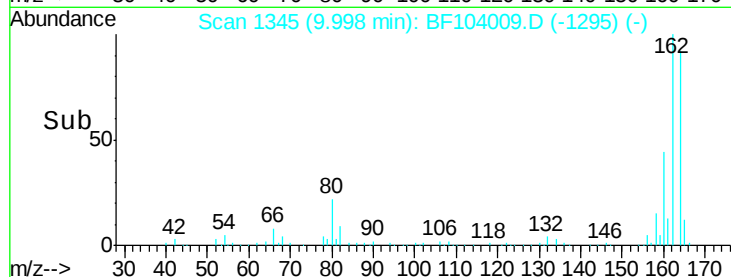
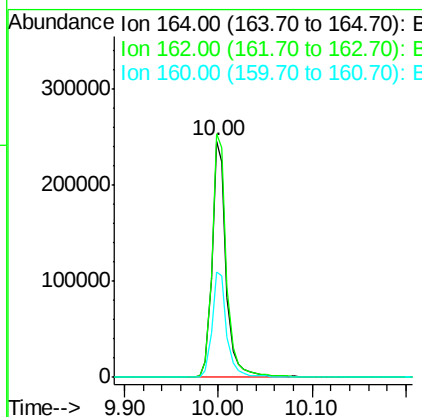
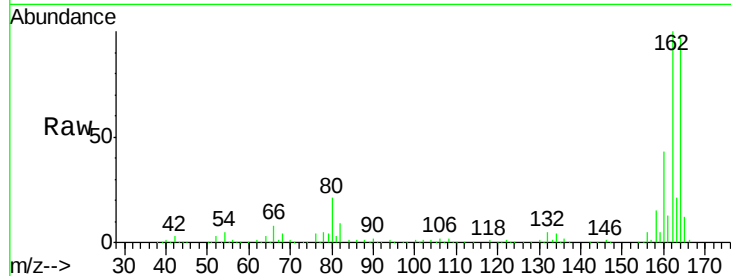




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

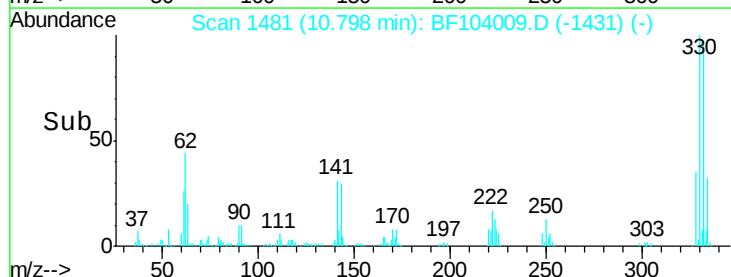
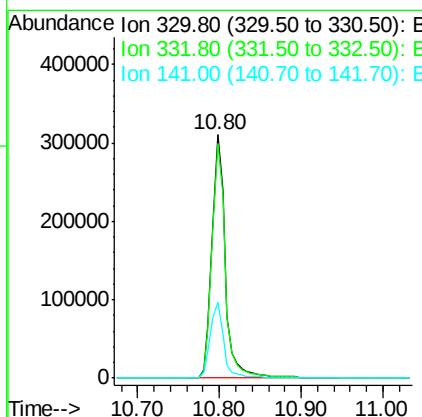
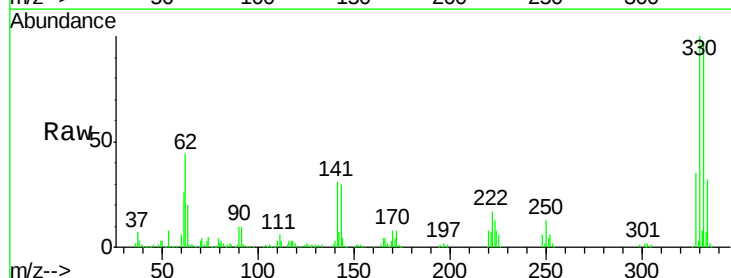
Instrument :
BNA_F
ClientSampleId :

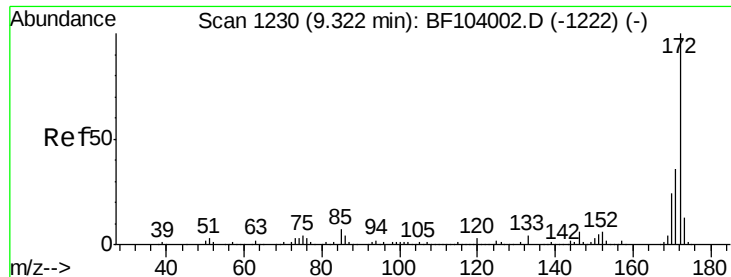
Tot Ion:164 Resp: 263898
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 44.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 121.332 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion:330 Resp: 356534
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 31.9 29.9 44.9



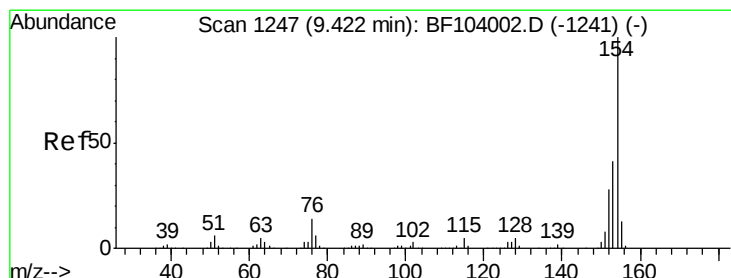
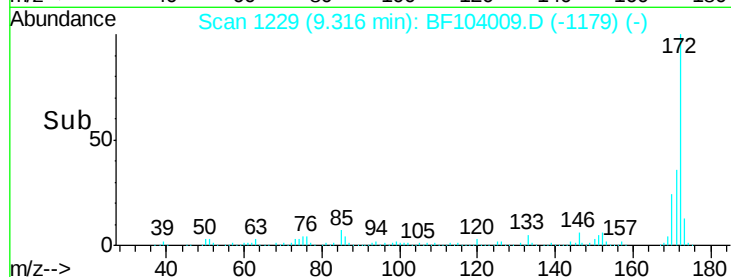
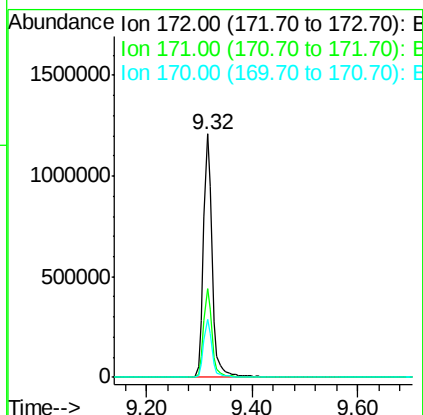
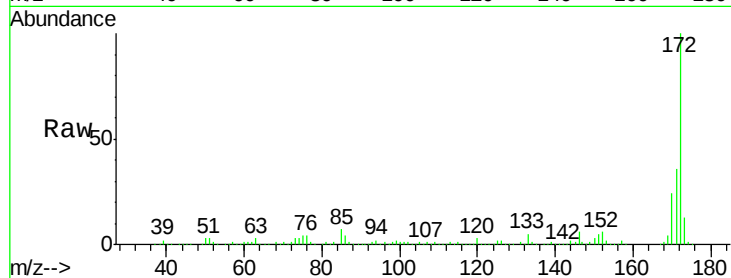


#44
 2-Fluorobiphenyl
 Concen: 83.492 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1397238

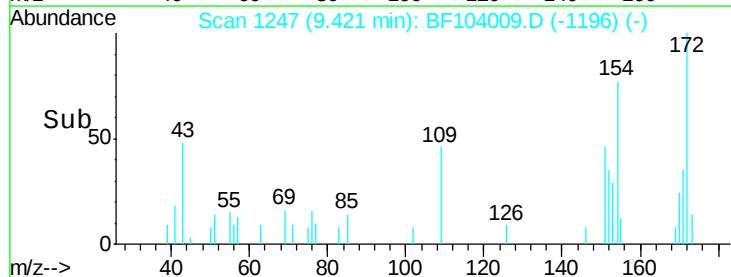
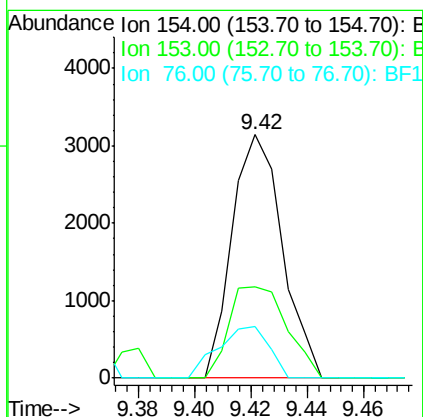
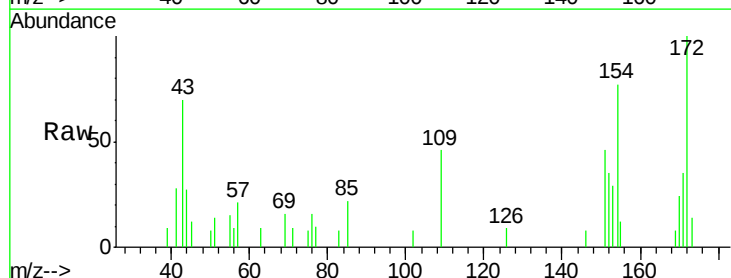
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4

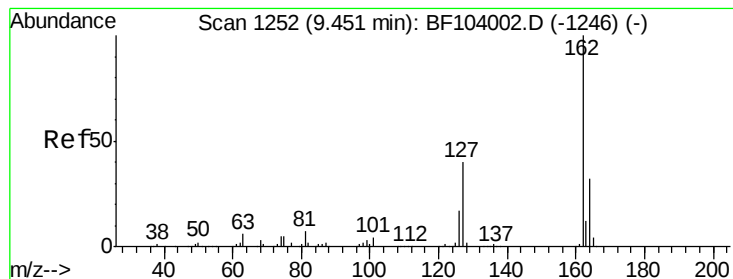


#45
 1,1'-Biphenyl
 Concen: 0.171 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

Tgt Ion:154 Resp: 3876

Ion	Ratio	Lower	Upper
154	100		
153	37.8	21.3	61.3
76	21.3	0.0	34.0





#46

2-Chloronaphthalene

Concen: 0.081 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.25 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampleId :

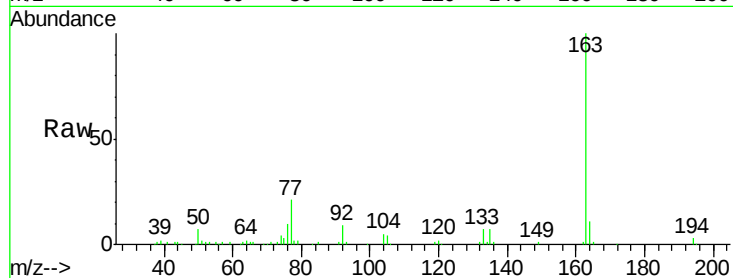
Tot Ion:162 Resp: 1454

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

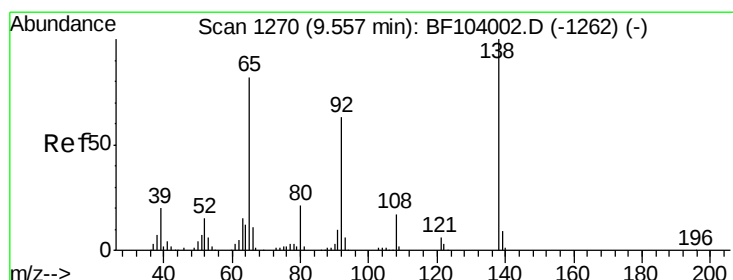
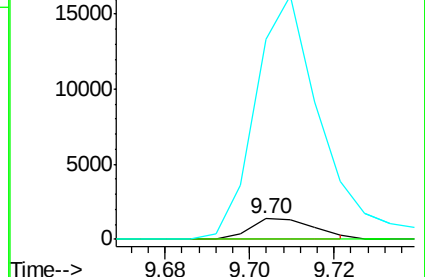
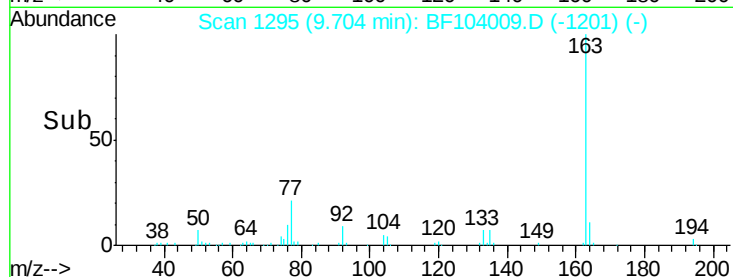
164 985.0 26.5 39.7#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 0.334 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.15 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

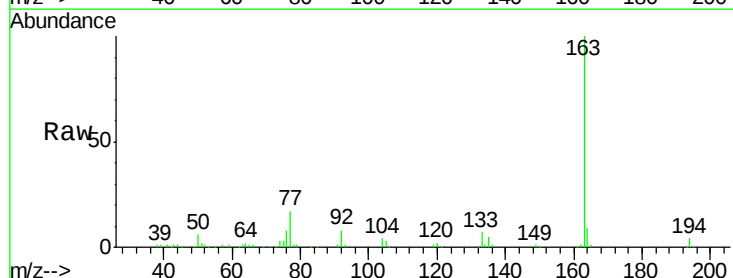
Tgt Ion: 65 Resp: 1704

Ion Ratio Lower Upper

65 100

92 817.4 55.8 83.6#

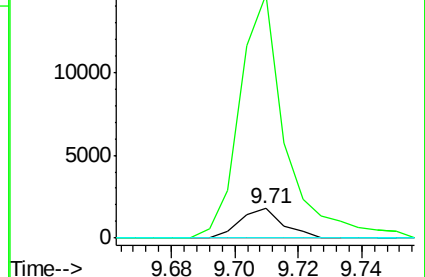
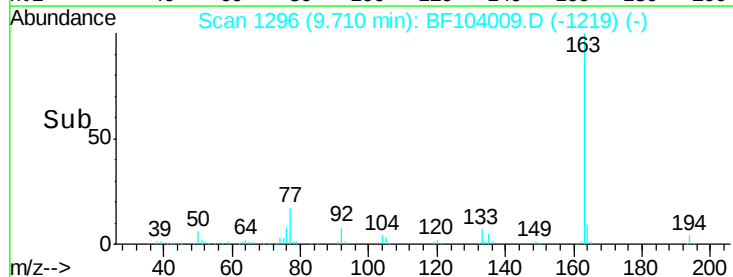
138 0.0 91.2 136.8#

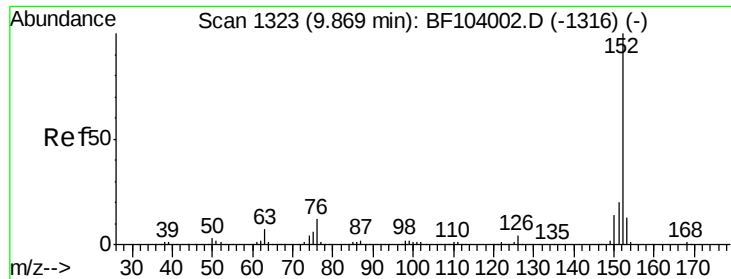


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.020 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampled :

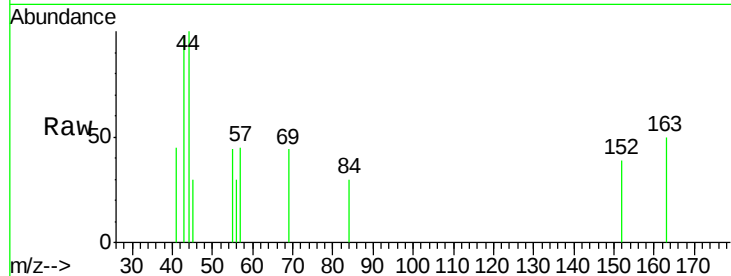
Tot Ion:152 Resp: 531

Ion Ratio Lower Upper

152 100

151 0.0 16.3 24.5#

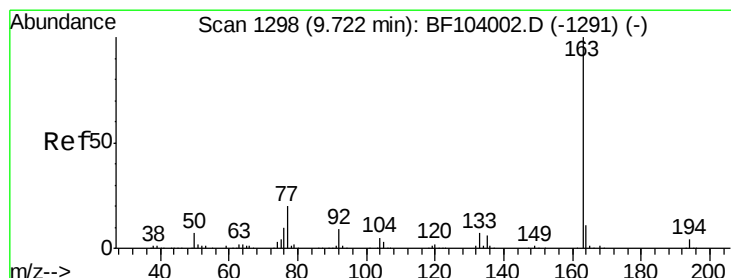
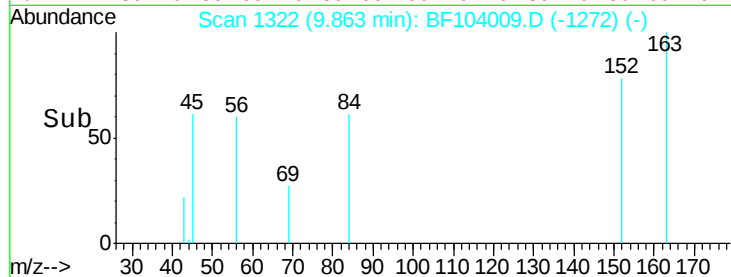
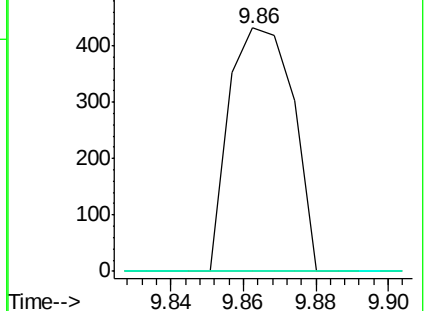
153 0.0 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 8.950 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

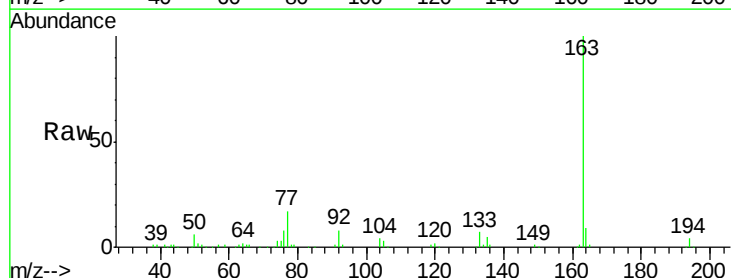
Tgt Ion:163 Resp: 186472

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

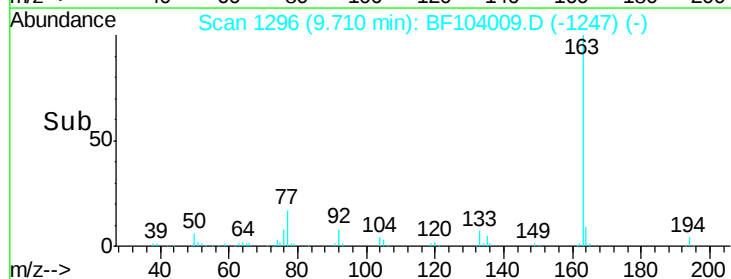
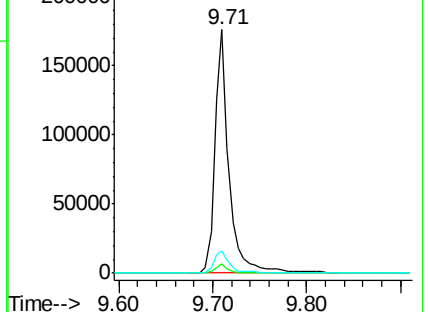
164 9.2 8.2 12.2

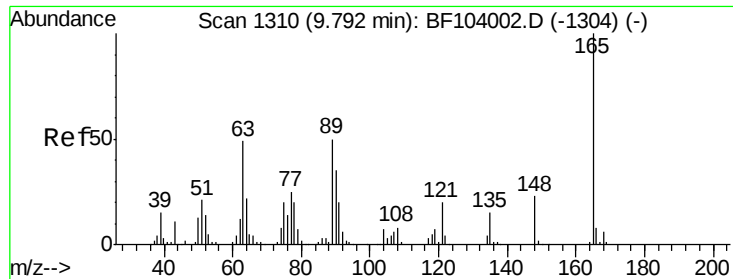


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

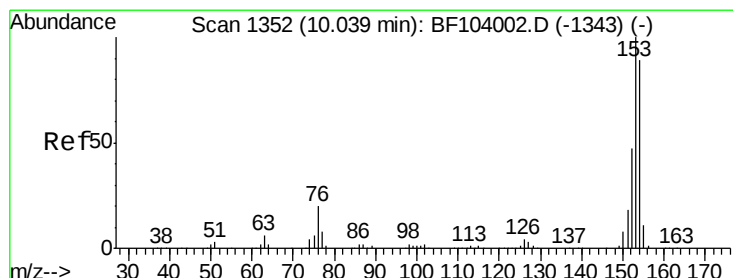
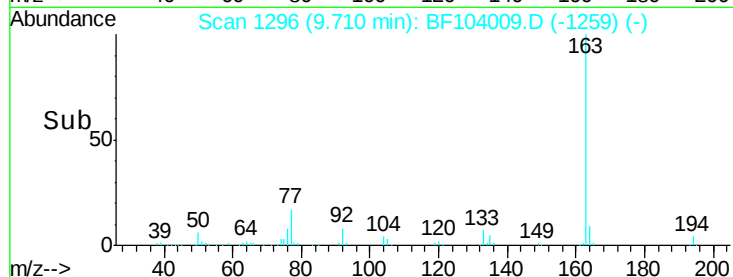
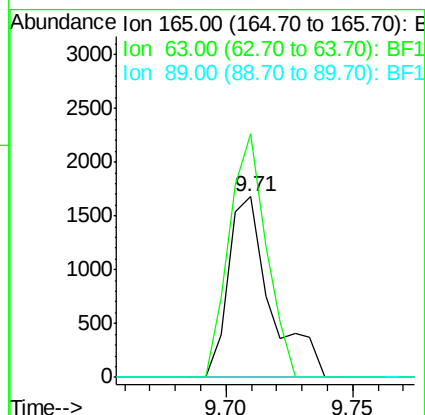
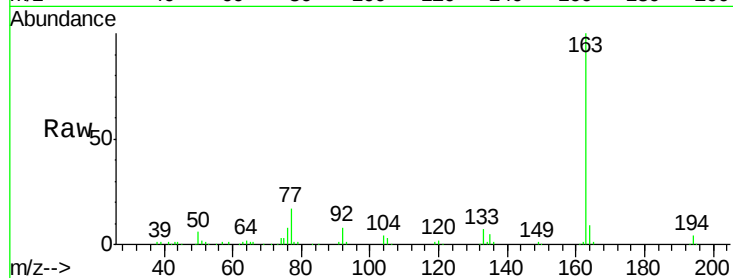




#50
2,6-Dinitrotoluene
Concen: 0.434 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.08 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

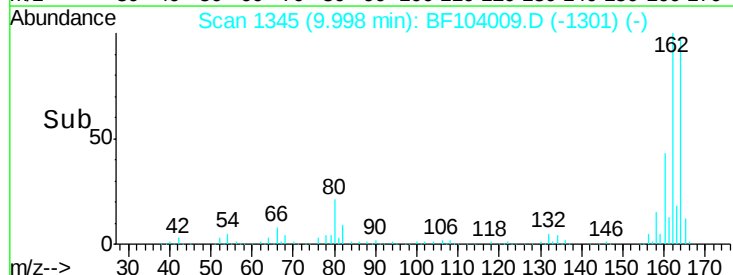
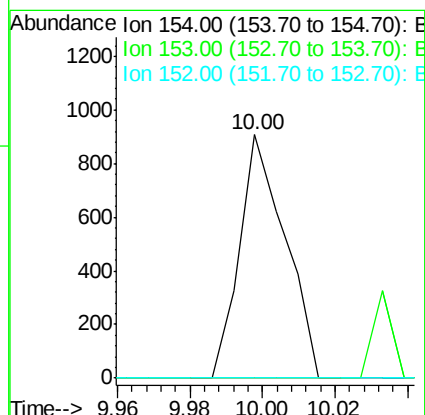
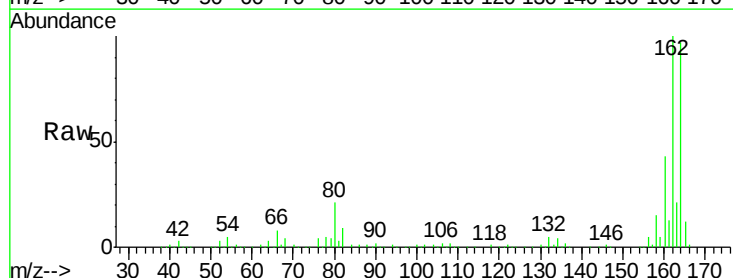
Instrument :
BNA_F
ClientSampleId :

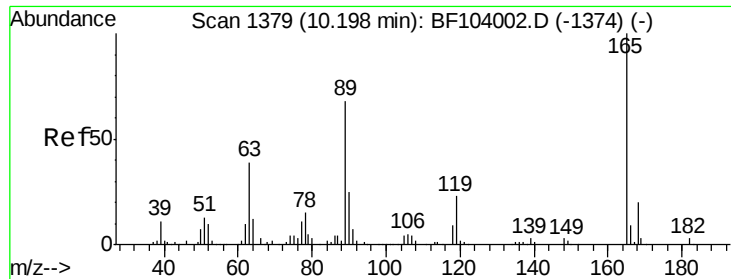
Tot Ion:165 Resp: 1946
Ion Ratio Lower Upper
165 100
63 134.9 44.7 67.1#
89 0.0 44.0 66.0#



#51
Acenaphthene
Concen: 0.051 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.04 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion:154 Resp: 791
Ion Ratio Lower Upper
154 100
153 0.0 91.2 136.8#
152 0.0 43.8 65.8#

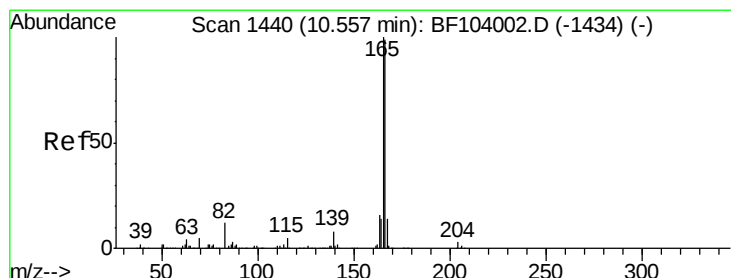
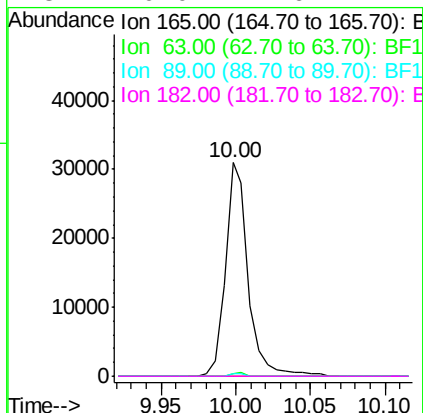
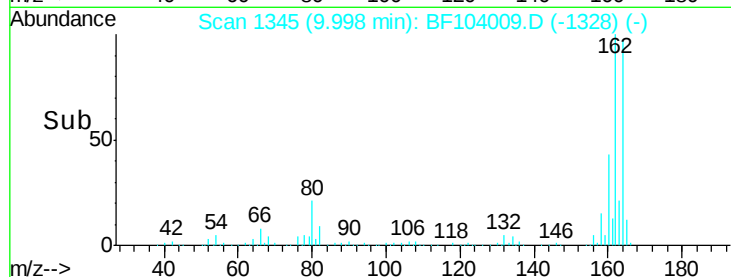
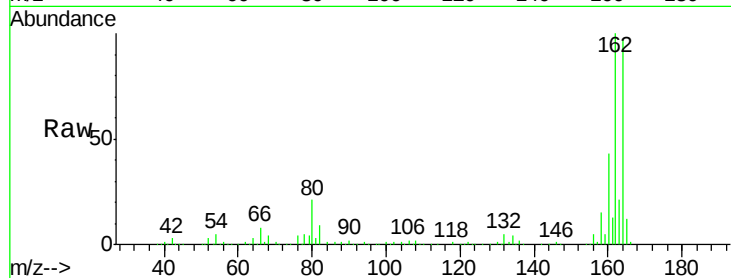




#56
2,4-Dinitrotoluene
Concen: 5.812 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

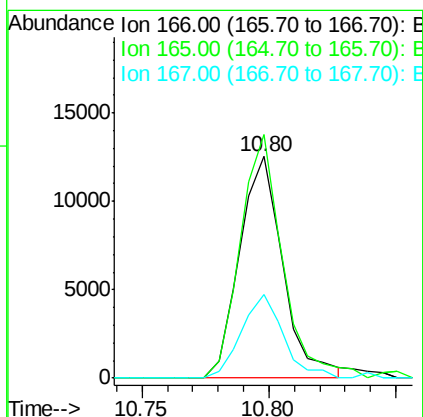
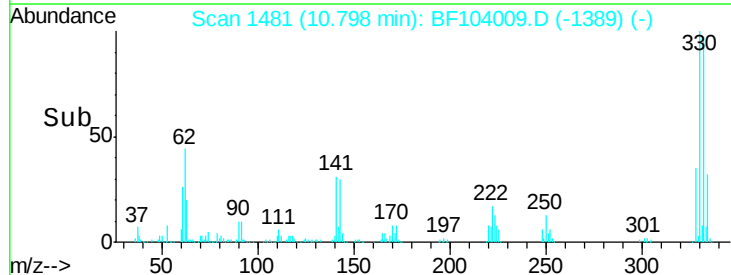
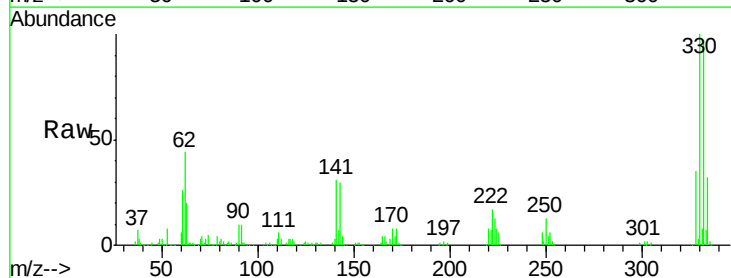
Instrument :
BNA_F
ClientSampleId :

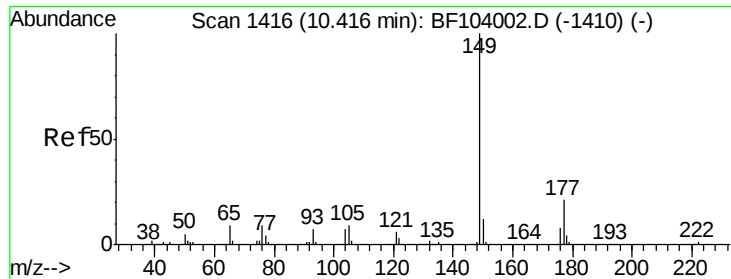
Tot Ion:165 Resp: 33247
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 0.793 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.24 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion:166 Resp: 14955
Ion Ratio Lower Upper
166 100
165 110.0 79.8 119.8
167 38.0 10.6 16.0#

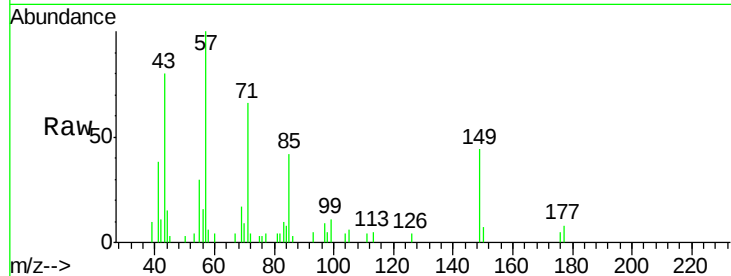




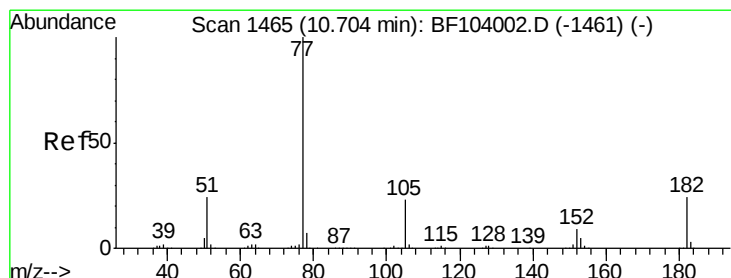
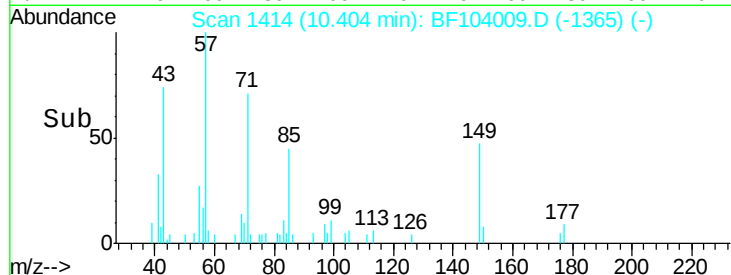
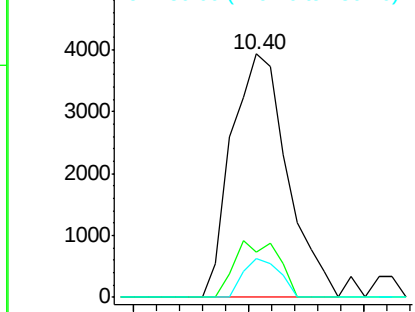
#59
Diethylphthalate
Concen: 0.331 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 6614
Ion Ratio Lower Upper
149 100
177 18.6 16.1 24.1
150 16.1 10.1 15.1#

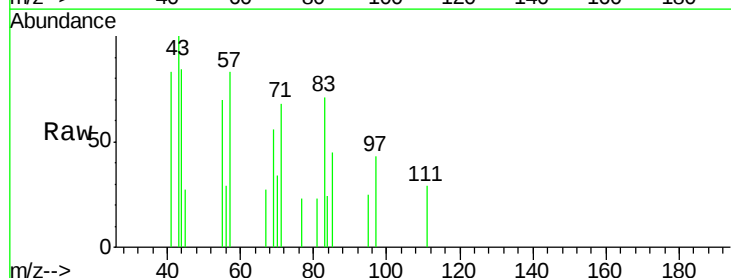


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

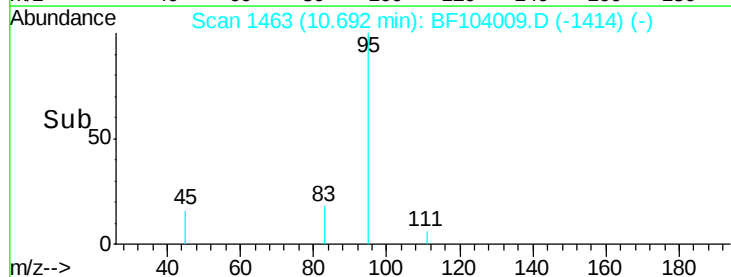
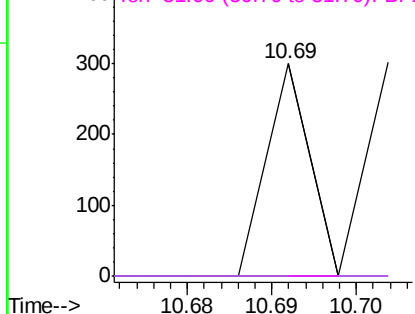


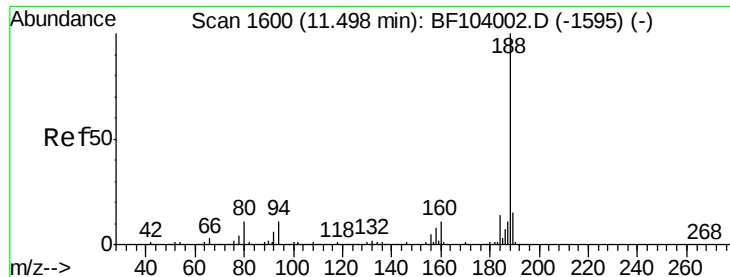
#62
Azobenzene
Concen: 0.006 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion: 77 Resp: 106
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 0.0 3.0 43.0#
51 0.0 9.9 49.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

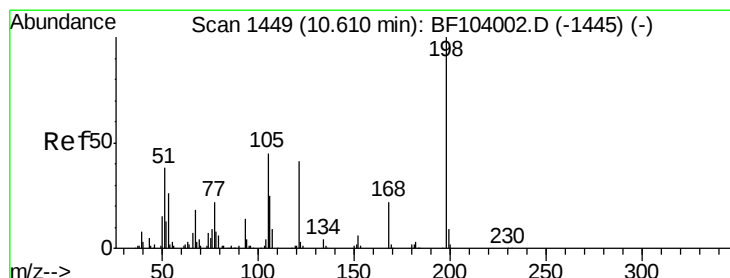
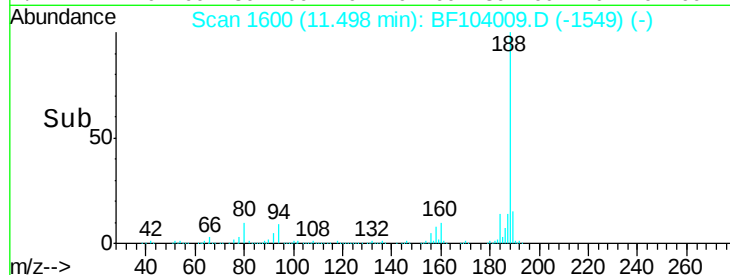
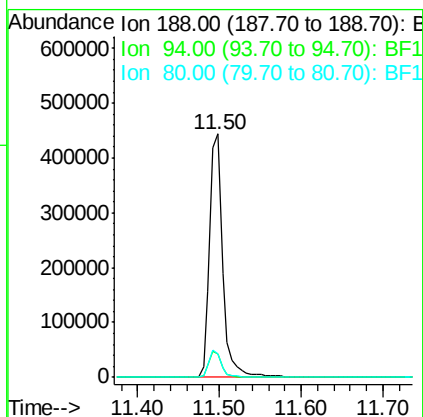
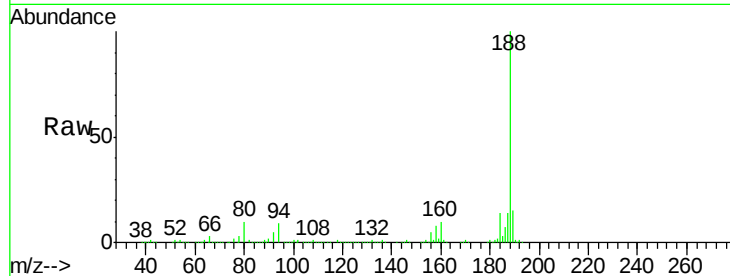




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

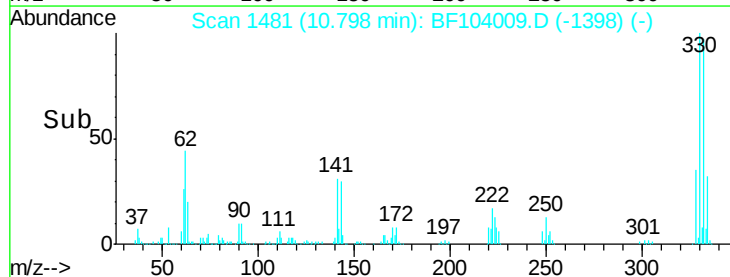
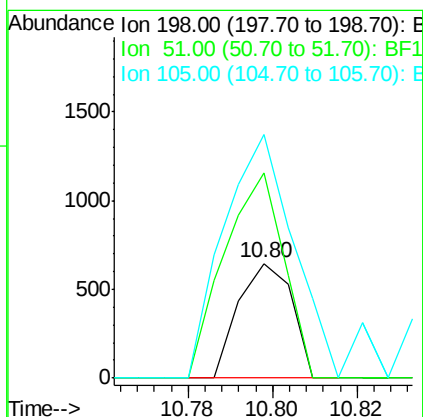
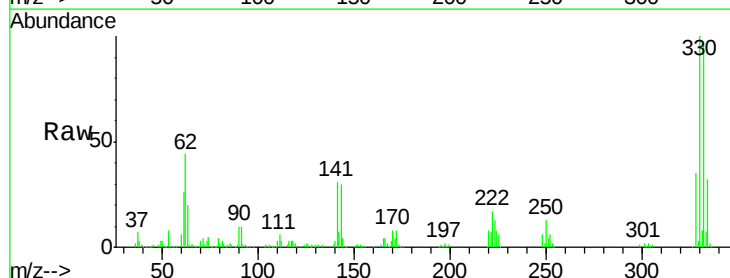
Instrument :
BNA_F
ClientSampleId :

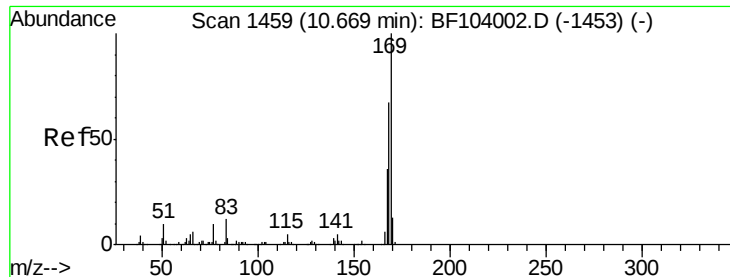
Tot Ion:188 Resp: 495622
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 0.190 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.19 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion:198 Resp: 569
Ion Ratio Lower Upper
198 100
51 179.2 37.7 77.7#
105 212.7 36.3 76.3#

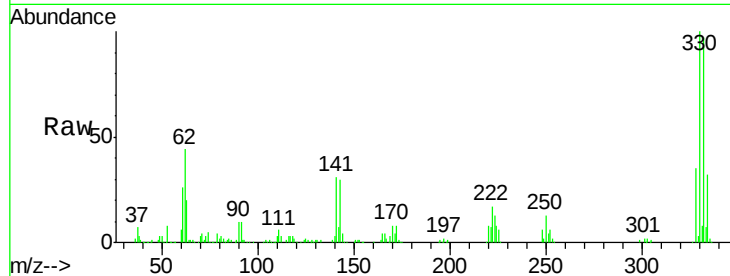




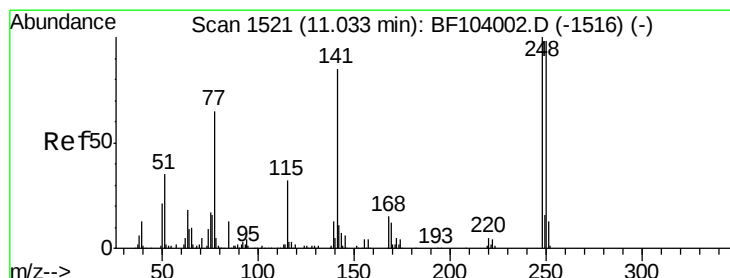
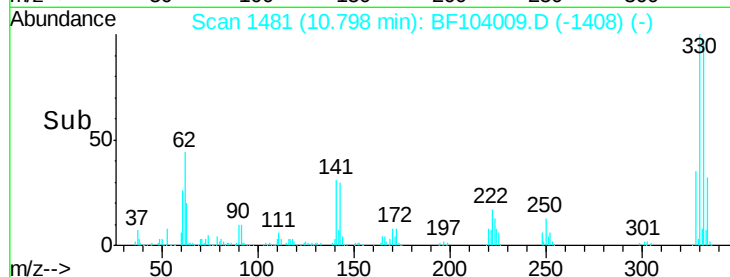
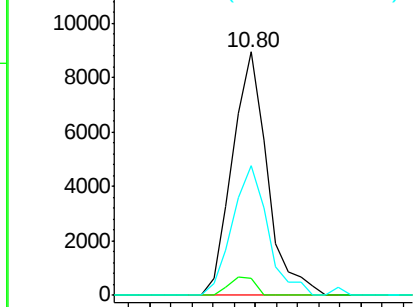
#65
 n-Nitrosodiphenylamine
 Concen: 0.609 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.13 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 10217
 Ion Ratio Lower Upper
 169 100
 168 6.8 54.4 81.6#
 167 53.1 29.8 44.6#

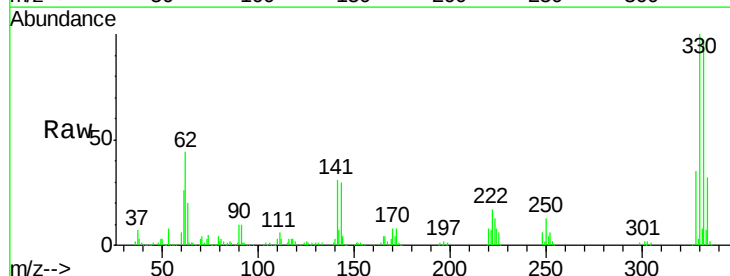


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

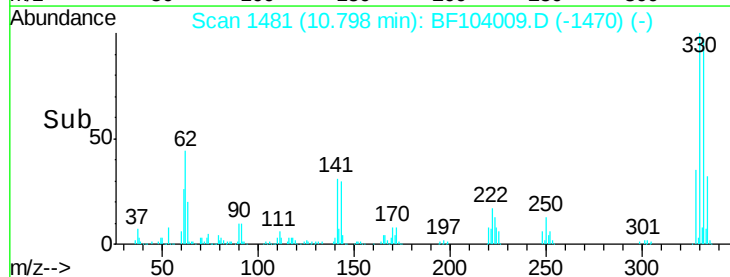
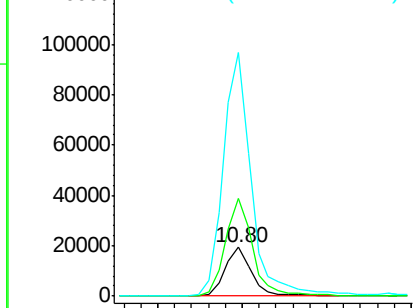


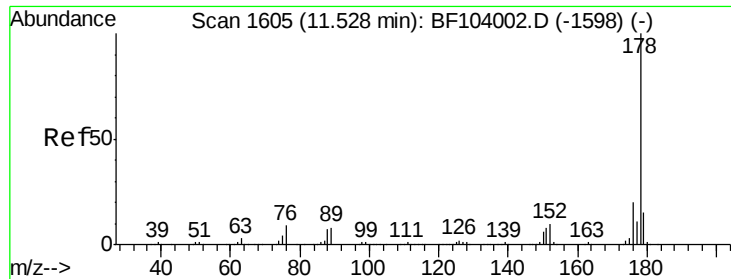
#66
 4-Bromophenyl-phenylether
 Concen: 3.995 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

Tgt Ion:248 Resp: 21183
 Ion Ratio Lower Upper
 248 100
 250 201.3 76.9 115.3#
 141 498.9 74.4 111.6#



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

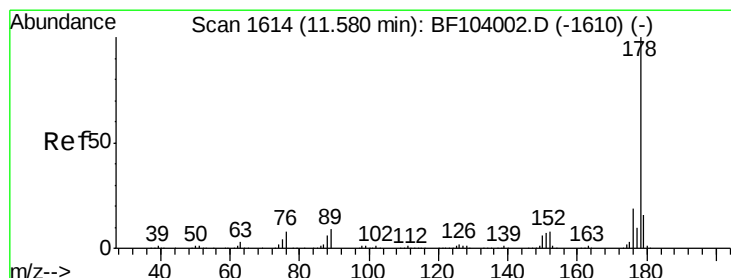
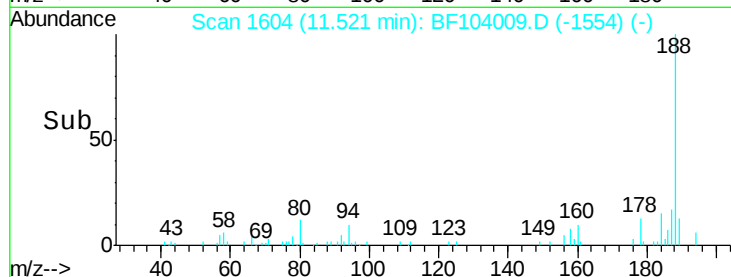
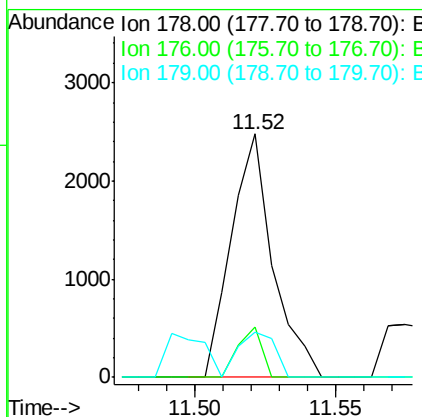
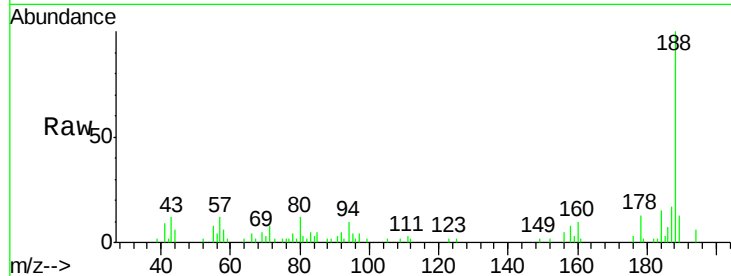




#70
Phenanthrene
Concen: 0.095 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

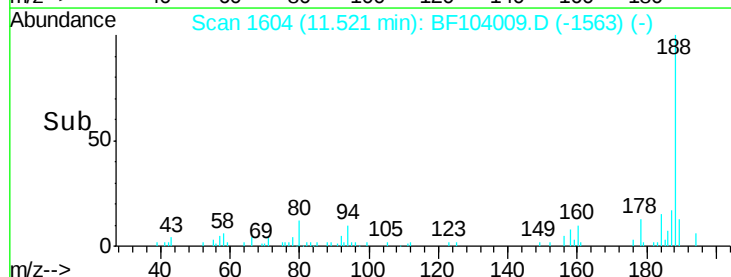
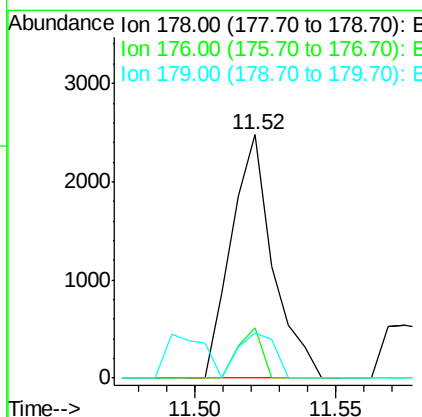
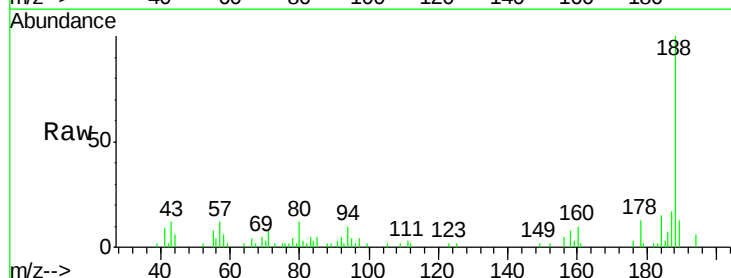
Instrument :
BNA_F
ClientSampleId :

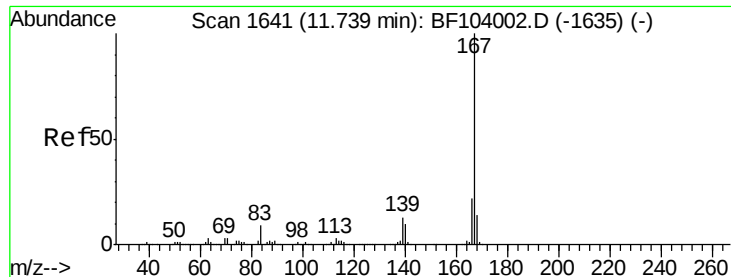
Tot Ion:178 Resp: 2539
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.8
179 18.4 13.0 19.6



#71
Anthracene
Concen: 0.091 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.06 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion:178 Resp: 2539
Ion Ratio Lower Upper
178 100
176 20.7 15.4 23.2
179 18.4 12.6 19.0





#72

Carbazole

Concen: 0.005 ng

RT: 12.00 min Scan# 1686

Delta R.T. 0.26 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampled :

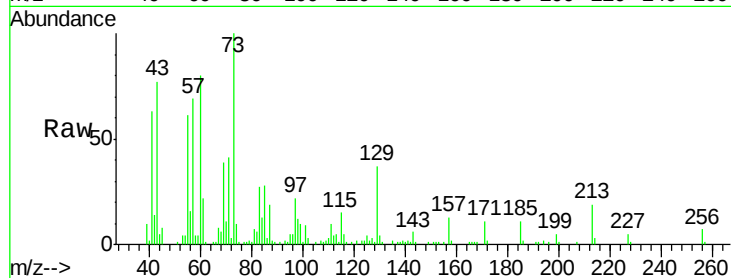
Tot Ion:167 Resp: 123

Ion Ratio Lower Upper

167 100

166 127.5 17.6 26.4#

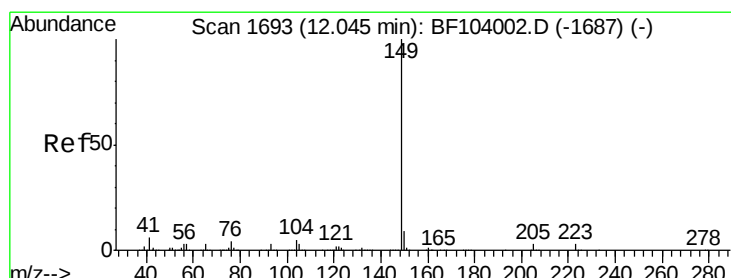
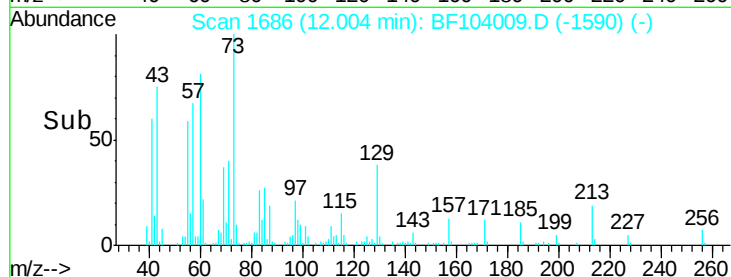
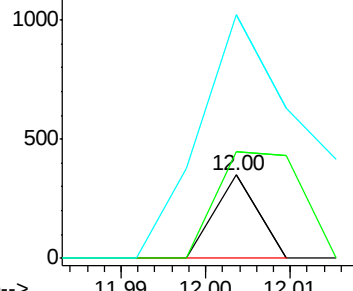
139 292.8 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.189 ng

RT: 12.04 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

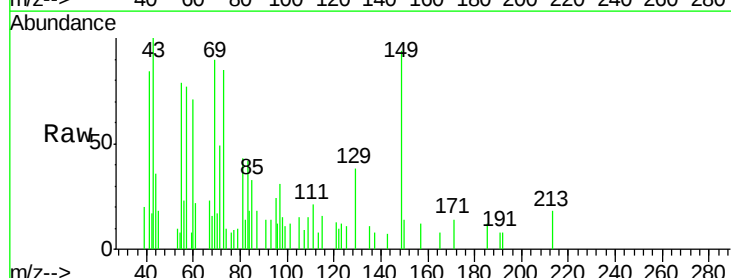
Tgt Ion:149 Resp: 6026

Ion Ratio Lower Upper

149 100

150 14.7 7.8 11.6#

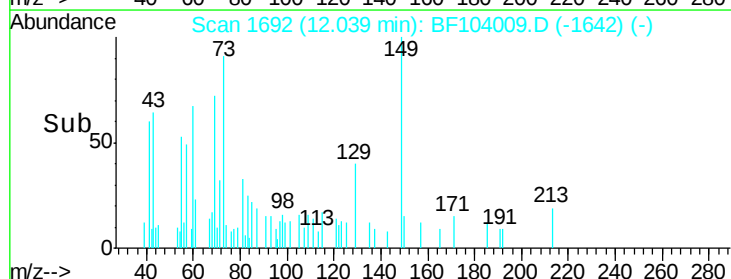
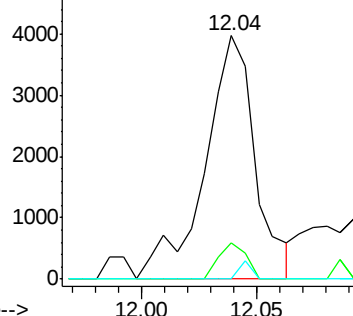
104 0.0 3.8 5.8#

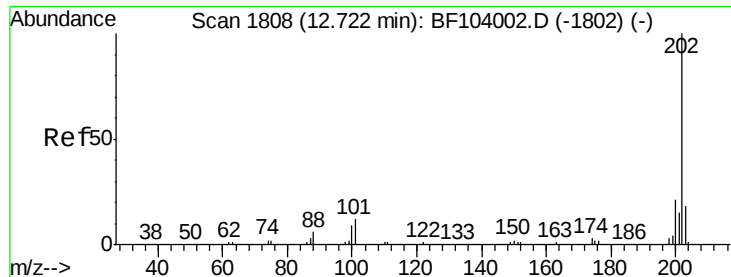


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

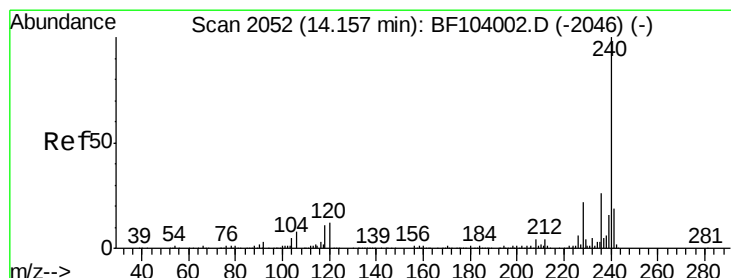
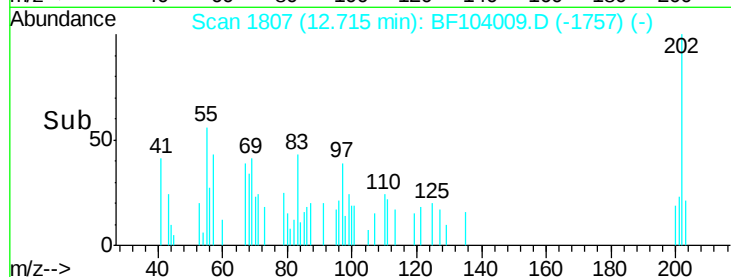
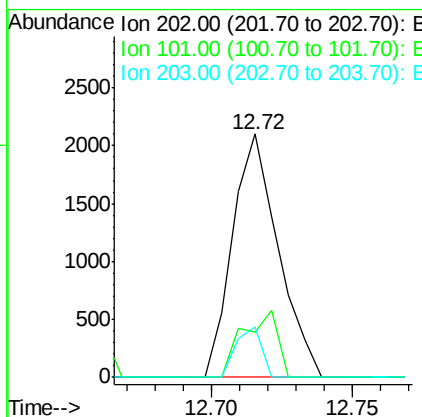
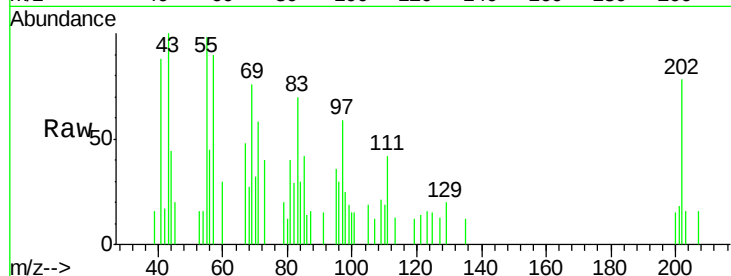




#74
 Fluoranthene
 Concen: 0.082 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

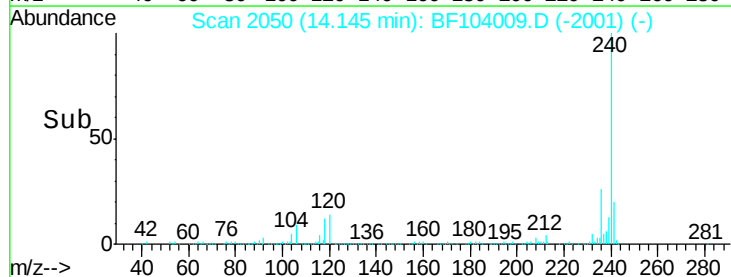
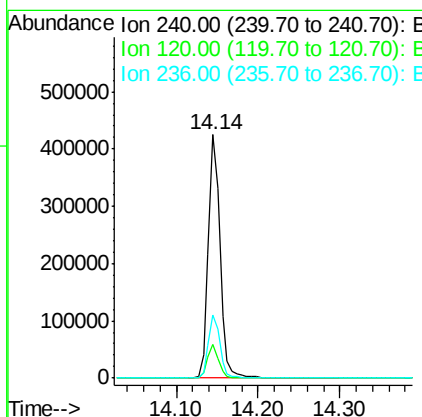
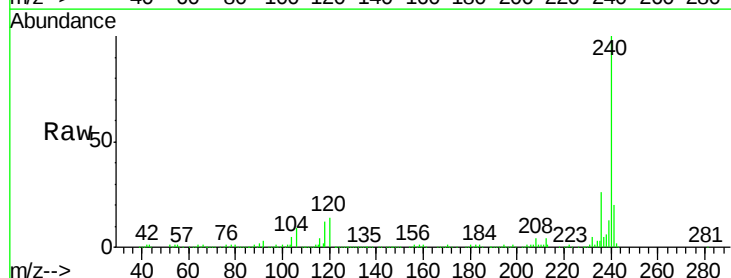
Instrument :
 BNA_F
 ClientSampled :

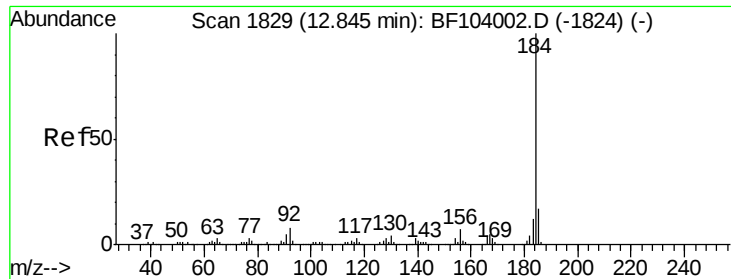
Tot Ion:202 Resp: 2353
 Ion Ratio Lower Upper
 202 100
 101 18.7 0.0 34.1
 203 20.6 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

Tgt Ion:240 Resp: 422113
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 26.1 20.7 31.1





#76

Benzidine

Concen: 1.511 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.24 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampleId :

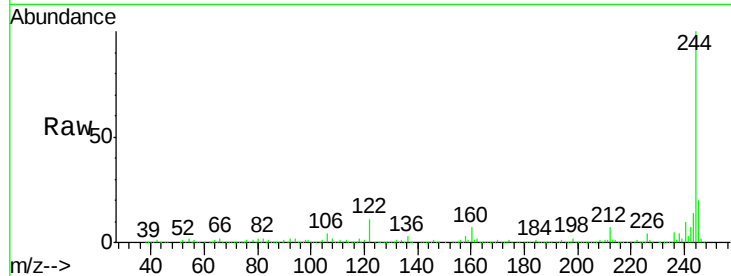
Tot Ion:184 Resp: 18174

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

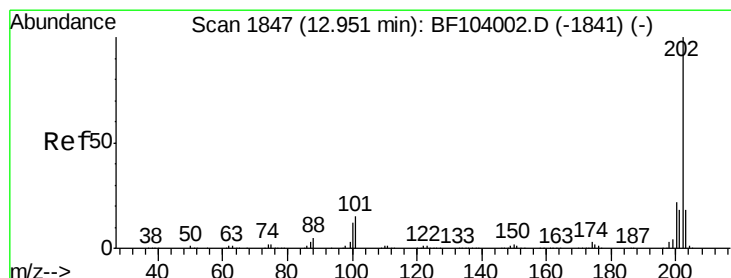
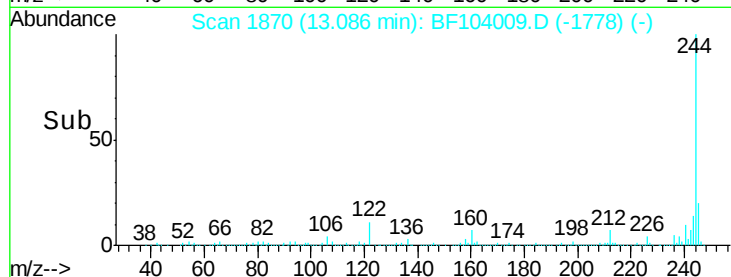
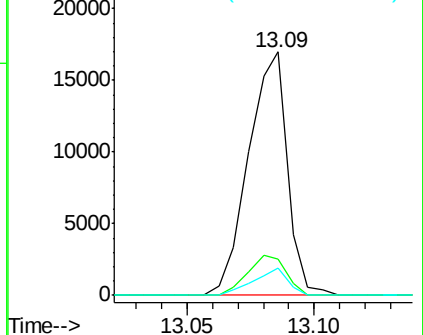
183 11.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.100 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

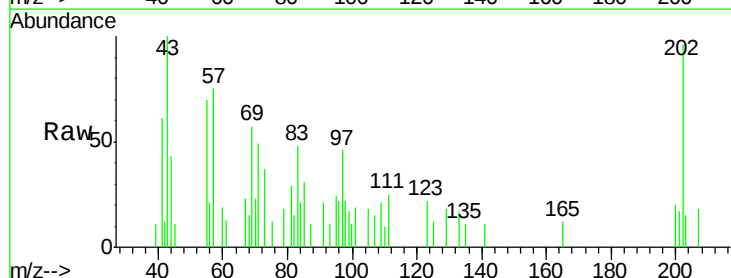
Tgt Ion:202 Resp: 3034

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

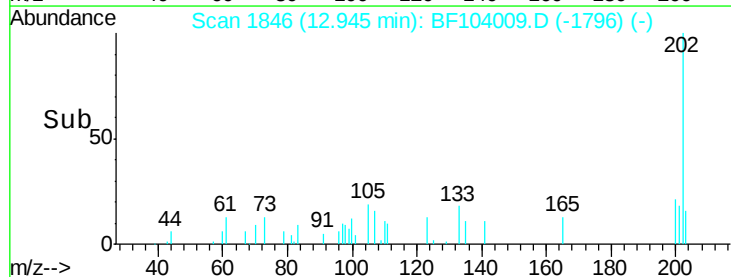
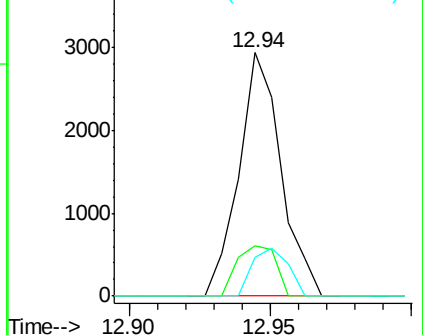
203 16.2 14.3 21.5

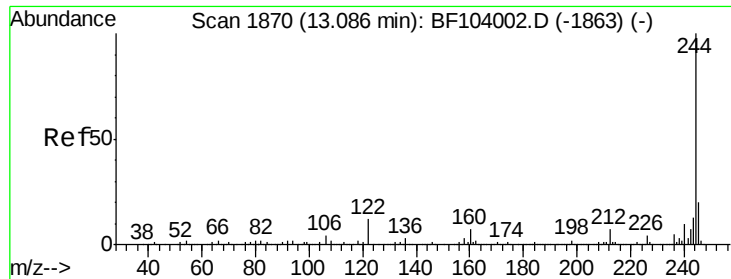


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

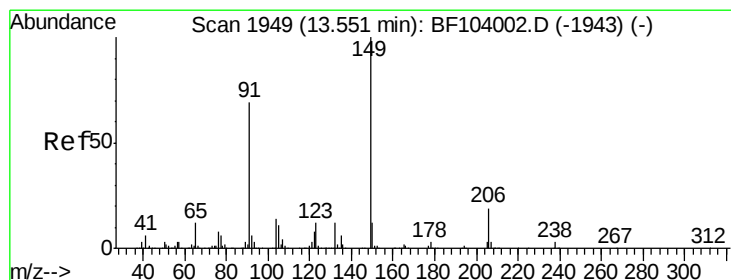
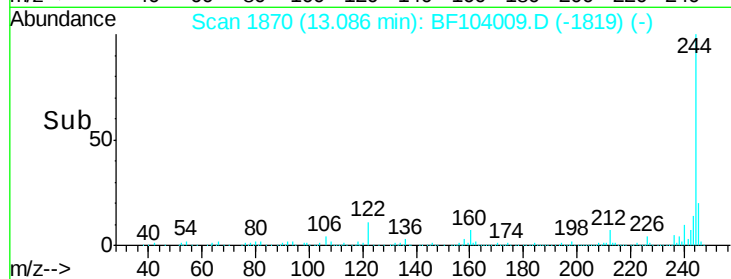
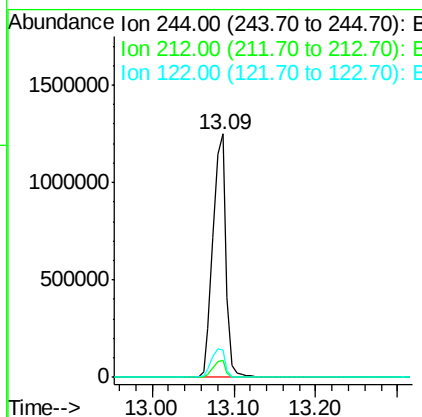
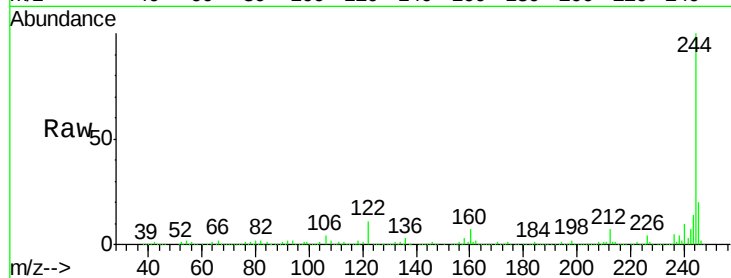




#78
 Terphenyl-d14
 Concen: 76.077 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

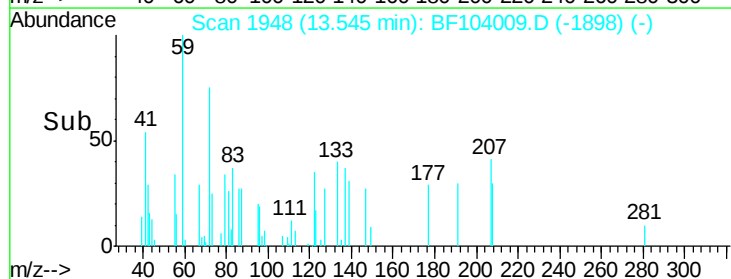
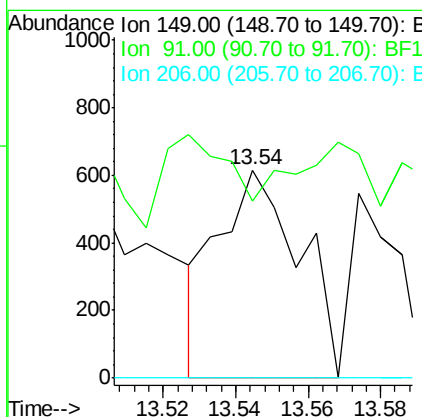
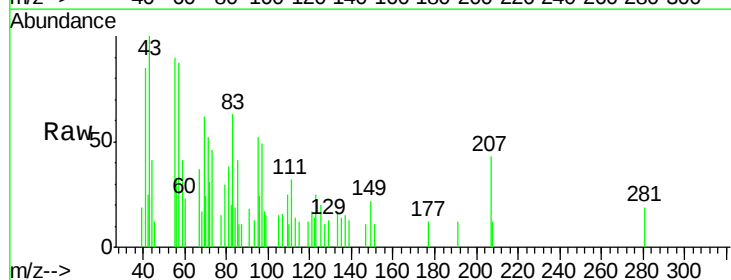
Instrument :
 BNA_F
 ClientSampleId :

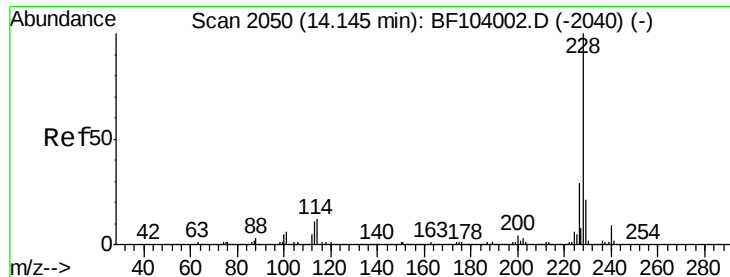
Tot Ion:244 Resp: 1390810
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.4 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 0.067 ng
 RT: 13.54 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

Tgt Ion:149 Resp: 963
 Ion Ratio Lower Upper
 149 100
 91 85.4 56.8 85.2#
 206 0.0 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 0.107 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

Instrument :

BNA_F

ClientSampleId :

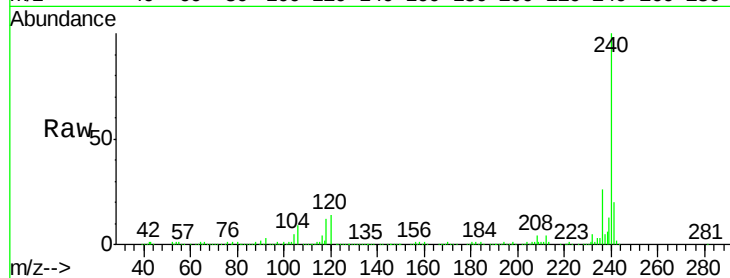
Tot Ion:228 Resp: 2817

Ion Ratio Lower Upper

228 100

226 19.4 22.6 33.8#

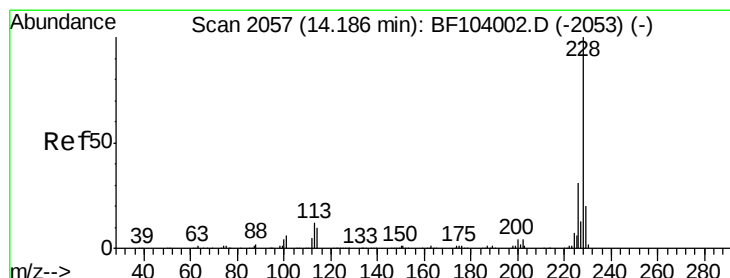
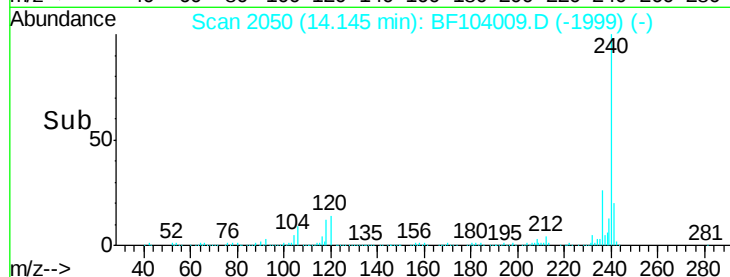
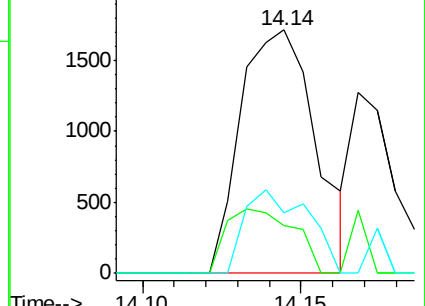
229 25.1 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.045 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF104009.D

Acq: 28 Mar 2018 14:59

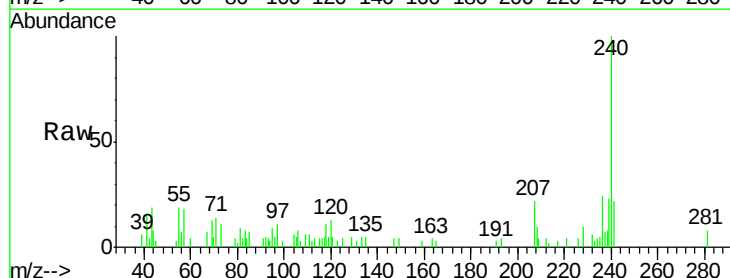
Tgt Ion:228 Resp: 1167

Ion Ratio Lower Upper

228 100

226 35.1 25.0 37.6

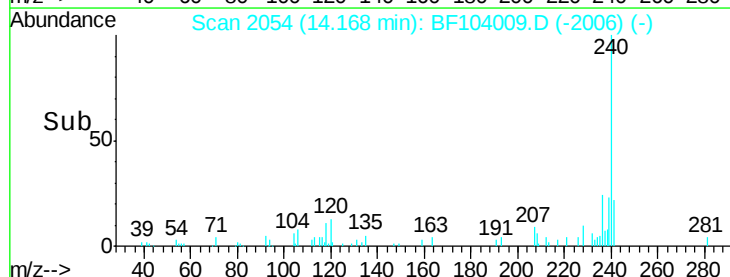
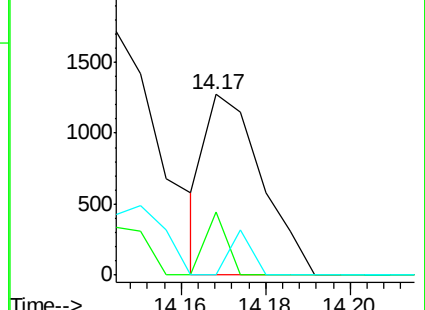
229 0.0 16.2 24.4#

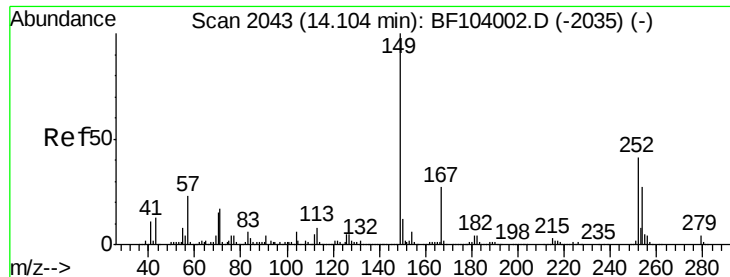


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

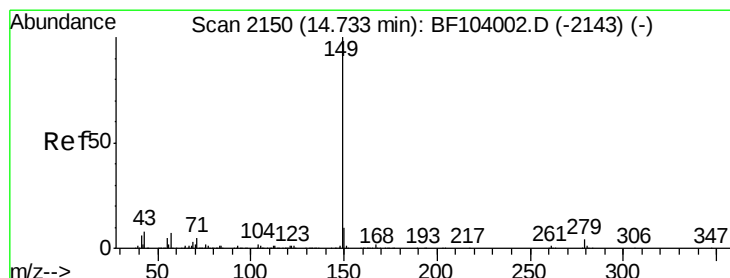
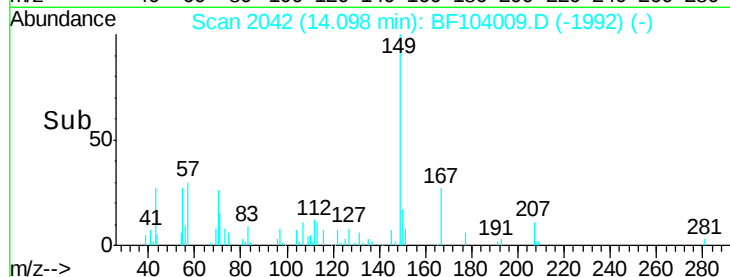
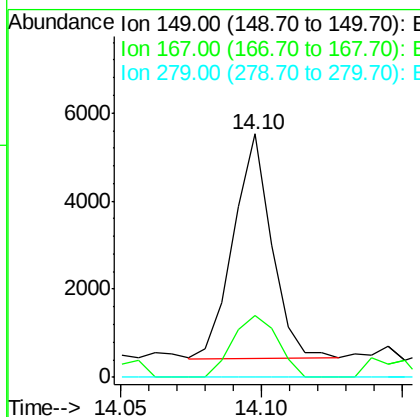
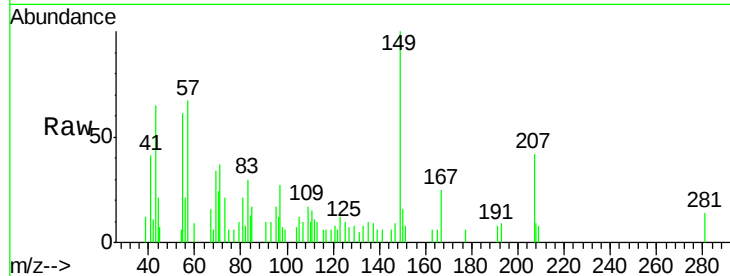




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.259 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

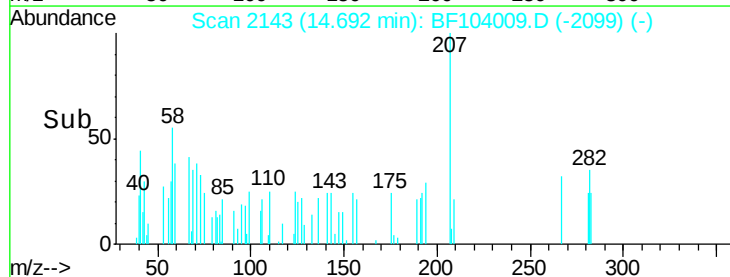
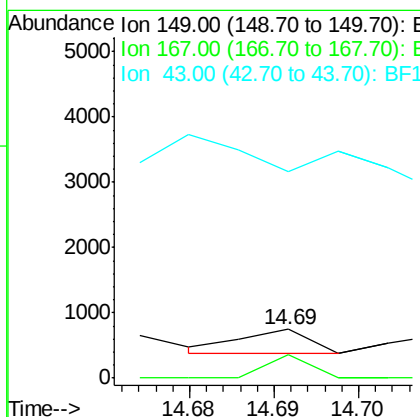
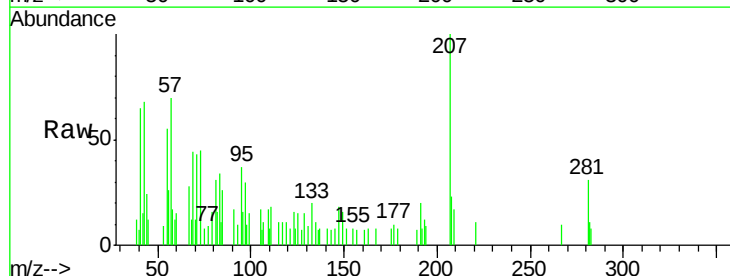
Instrument :
 BNA_F
 ClientSampleId :

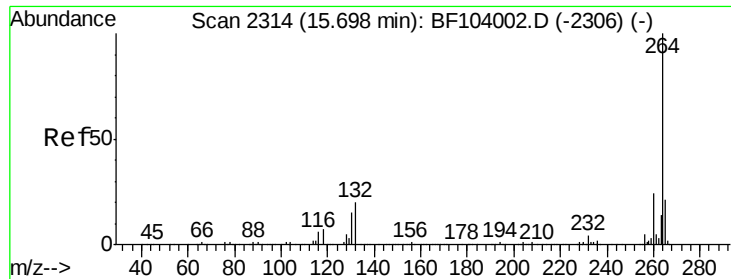
Tot Ion:149 Resp: 4782
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.3 31.9
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.006 ng
 RT: 14.69 min Scan# 2143
 Delta R.T. -0.04 min
 Lab File: BF104009.D
 Acq: 28 Mar 2018 14:59

Tgt Ion:149 Resp: 199
 Ion Ratio Lower Upper
 149 100
 167 65.3 1.2 1.8#
 43 0.0 8.4 12.6#



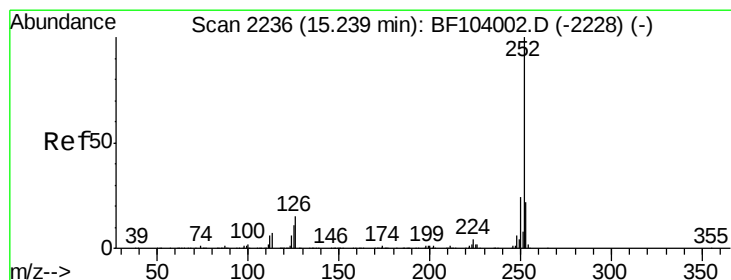
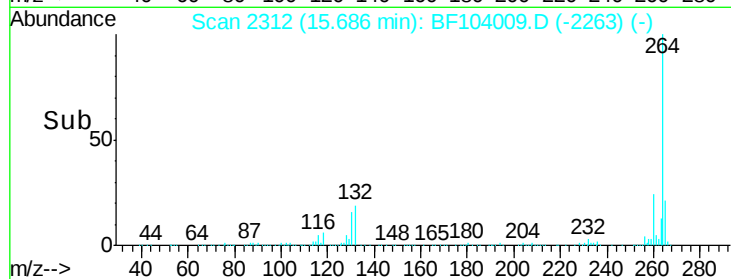
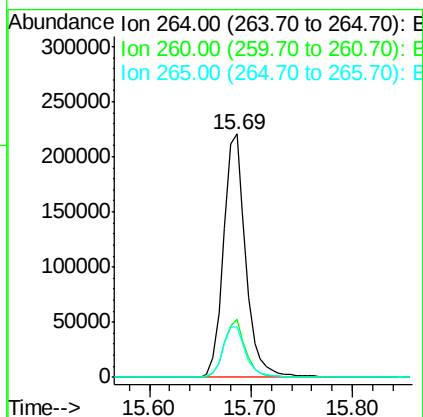
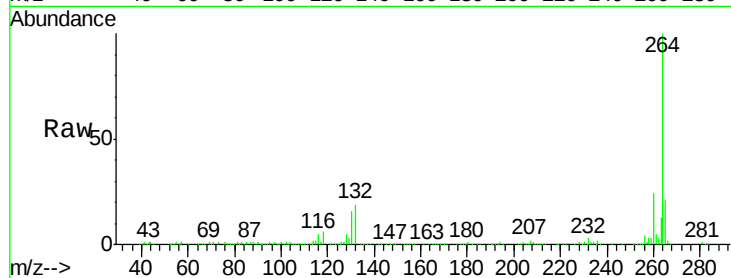


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 335787

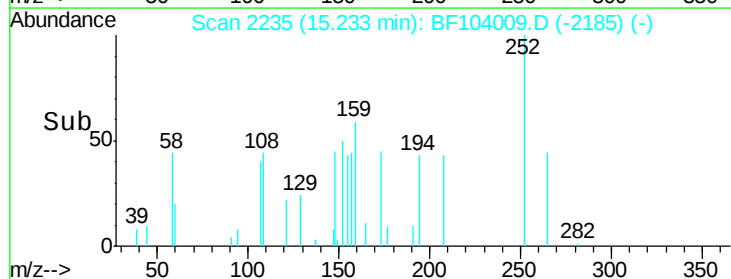
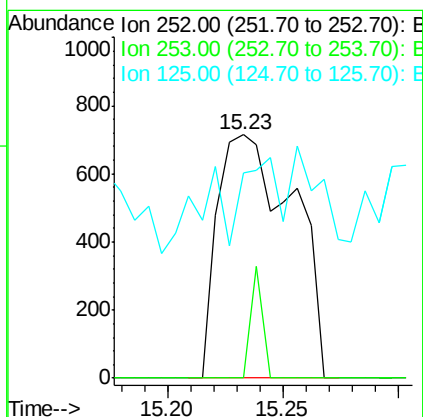
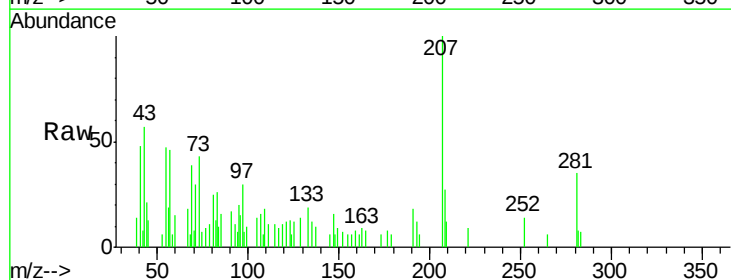
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3

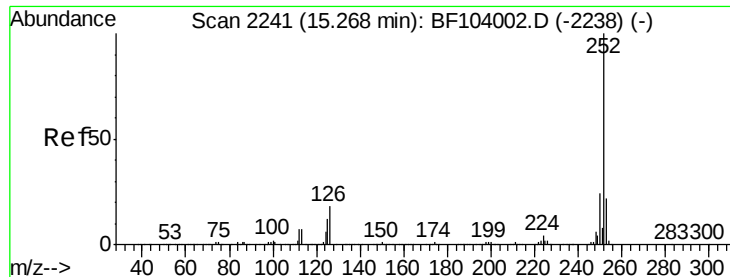


#87
Benzo(b)fluoranthene
Concen: 0.079 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion:252 Resp: 1619

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.6#
125	84.5	9.0	13.6#

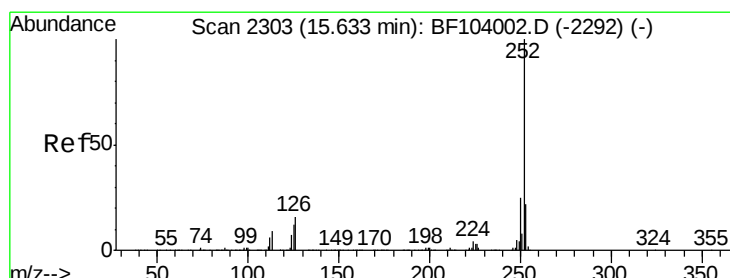
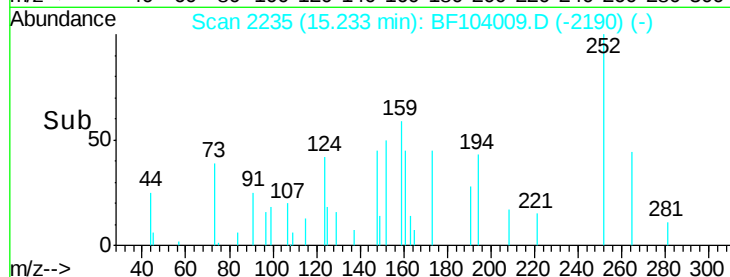
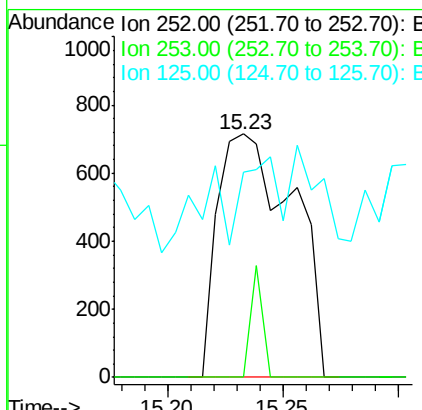
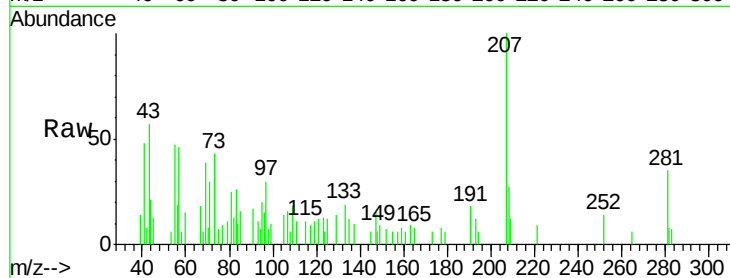




#88
Benzo(k)fluoranthene
Concen: 0.084 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.04 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1619
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 84.5 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 0.053 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF104009.D
Acq: 28 Mar 2018 14:59

Tgt Ion:252 Resp: 1009
Ion Ratio Lower Upper
252 100
253 37.9 17.1 25.7#
125 68.8 9.8 14.6#

