

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104099.D
 Acq On : 30 Mar 2018 18:14
 Operator : JU/SJ
 Sample : J2103-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 23:06:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

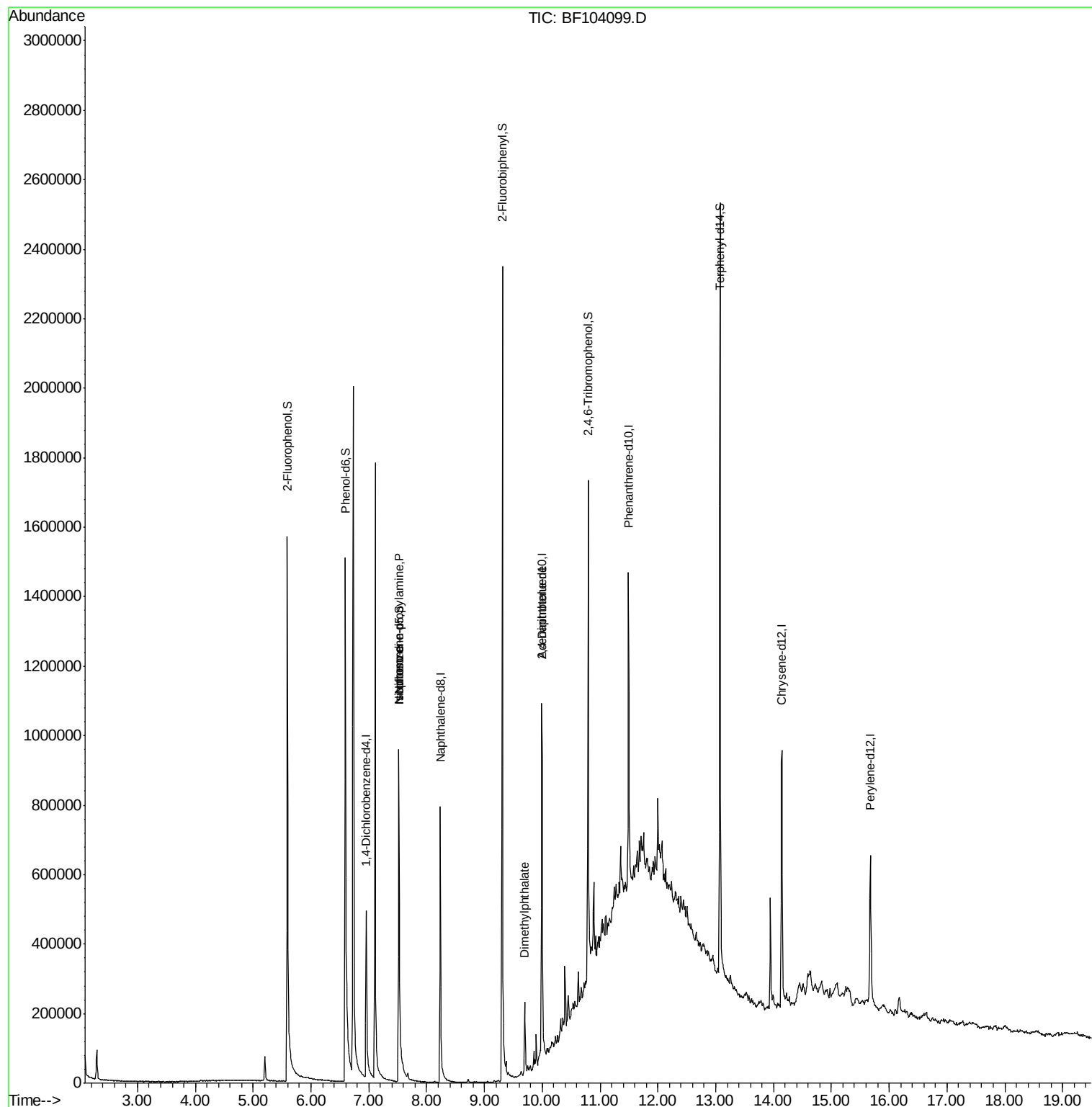
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	119160	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	508384	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	237607	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	410648	20.00	ng	0.00
75) Chrysene-d12	14.14	240	332557	20.00	ng	0.00
86) Perylene-d12	15.67	264	267942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	694104	92.89	ng	0.01
7) Phenol-d6	6.59	99	911812	99.19	ng	0.00
23) Nitrobenzene-d5	7.52	82	533424	64.17	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	231470	87.49	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	896979	59.53	ng	0.00
78) Terphenyl-d14	13.07	244	916040	63.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	66048	12.107	ng	# 73
25) Isophorone	7.52	82	533424	34.819	ng	# 64
49) Dimethylphthalate	9.70	163	87599	4.669	ng	# 99
56) 2,4-Dinitrotoluene	9.99	165	30363	5.896	ng	# 23

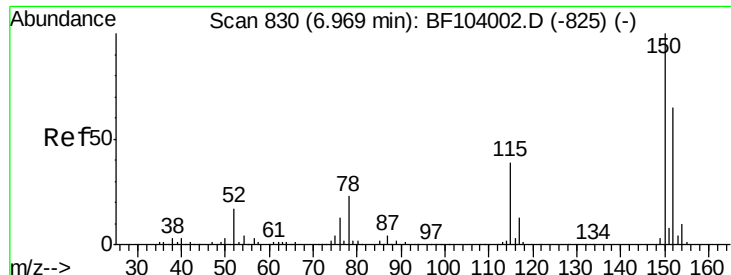
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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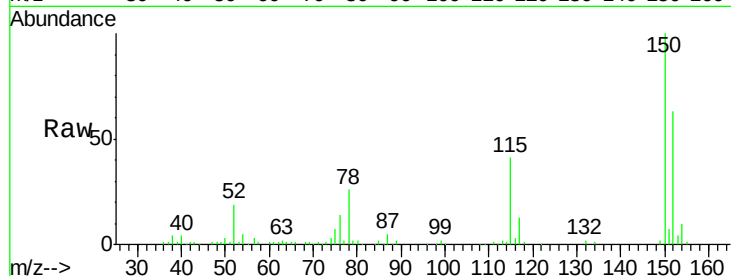


#1

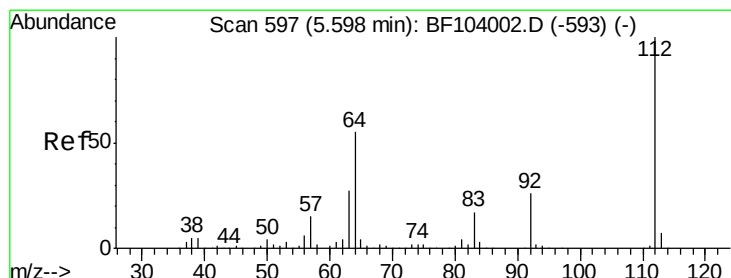
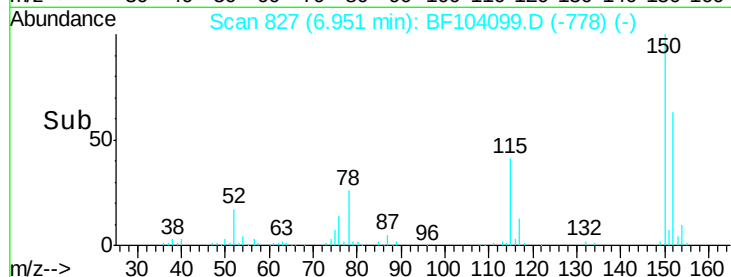
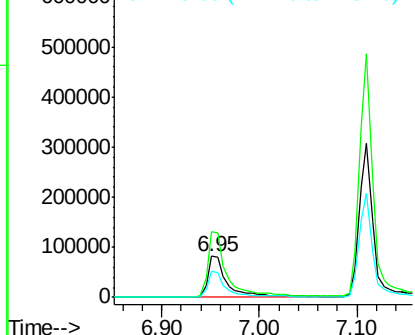
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104099.D
Acq: 30 Mar 2018 18:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119160
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 65.0 50.1 75.1



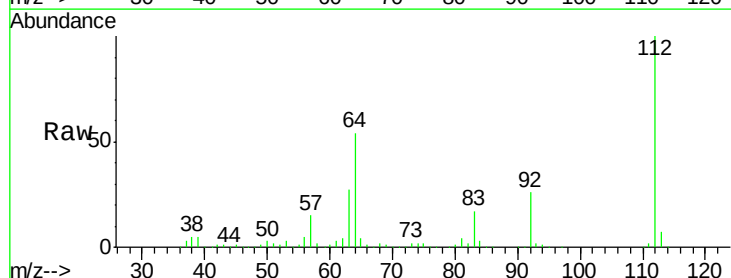
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



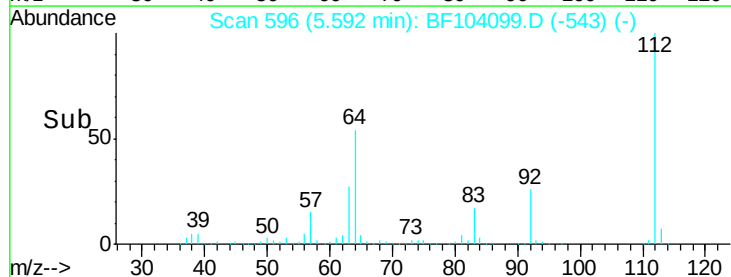
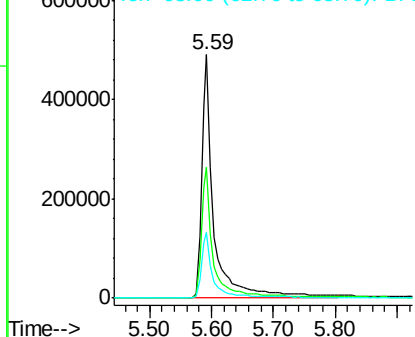
#5

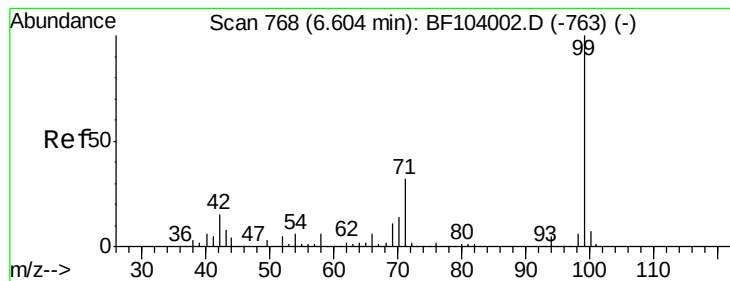
2-Fluorophenol
Concen: 92.894 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104099.D
Acq: 30 Mar 2018 18:14

Tgt Ion:112 Resp: 694104
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 27.0 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





#7

Phenol-d6

Concen: 99.187 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Instrument :

BNA_F

ClientSampleId :

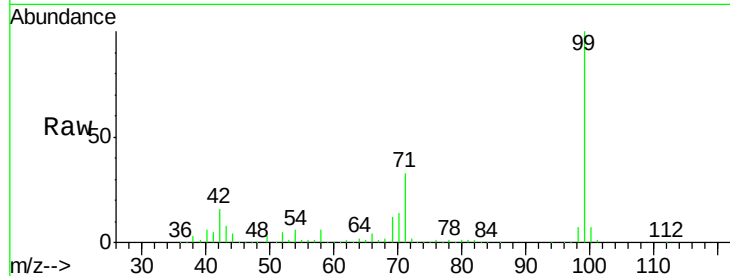
Tot Ion: 99 Resp: 911812

Ion Ratio Lower Upper

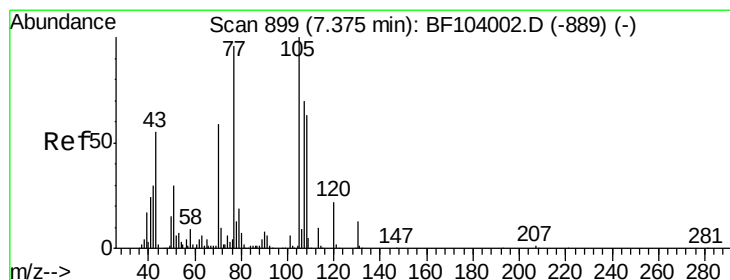
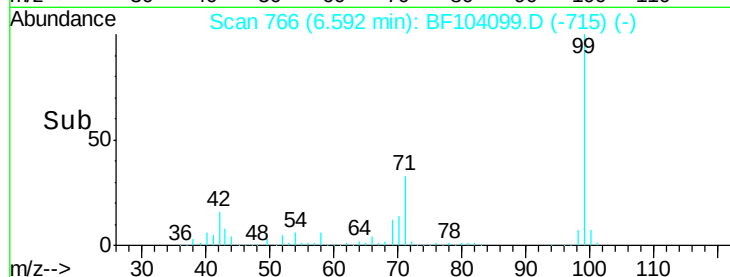
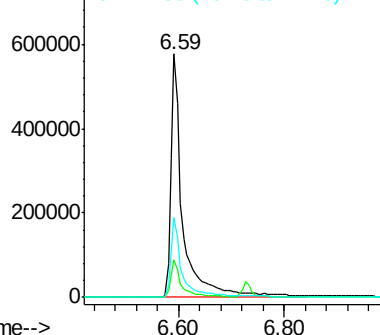
99 100

42 15.6 14.5 21.7

71 32.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.107 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Tgt Ion: 70 Resp: 66048

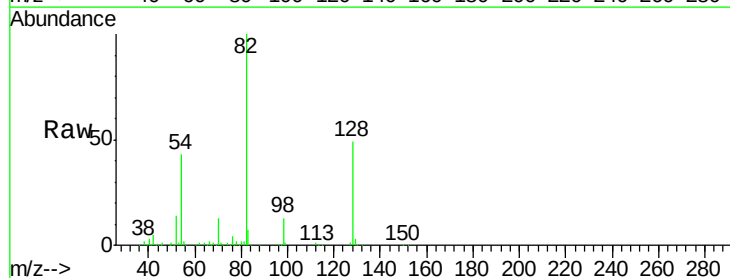
Ion Ratio Lower Upper

70 100

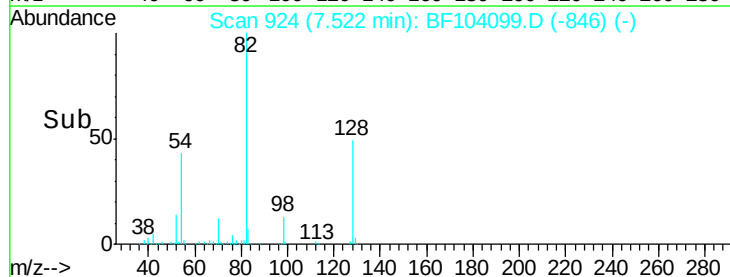
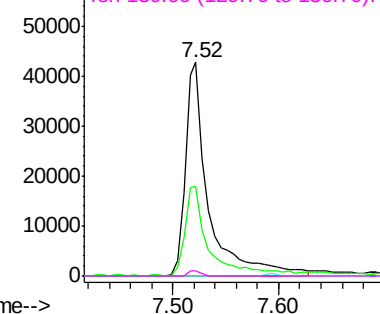
42 42.3 47.5 71.3#

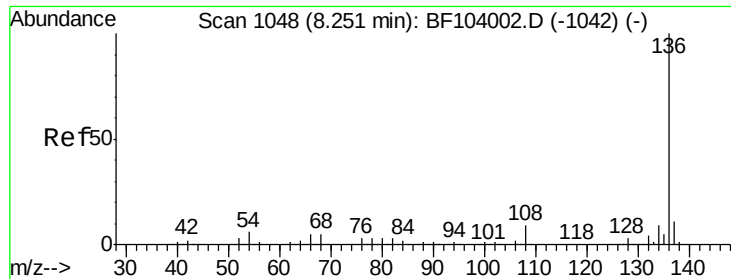
101 0.0 7.4 11.2#

130 2.4 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 508384

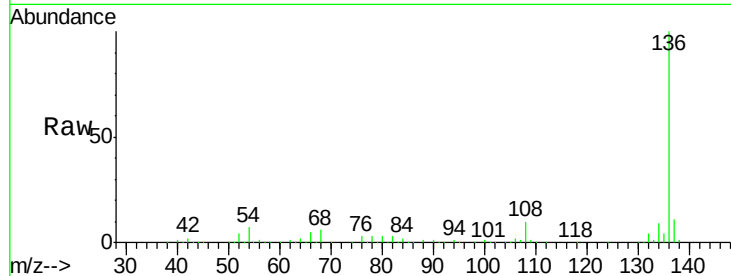
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4

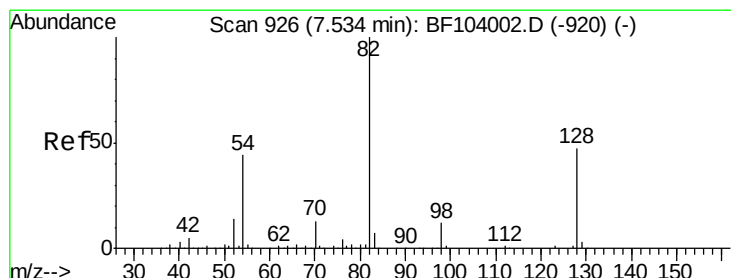
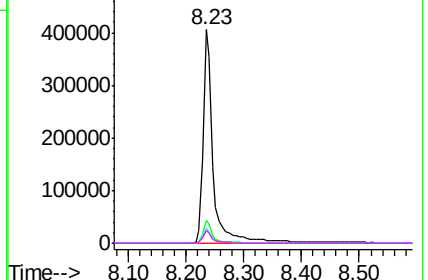
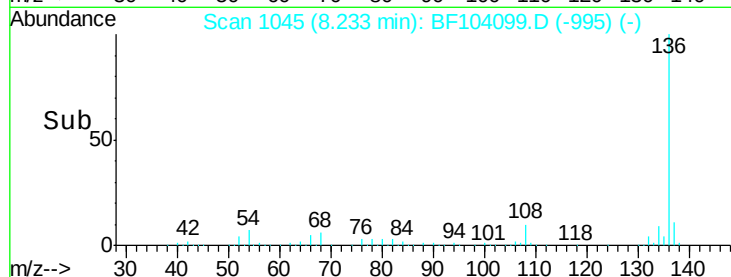


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 64.168 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

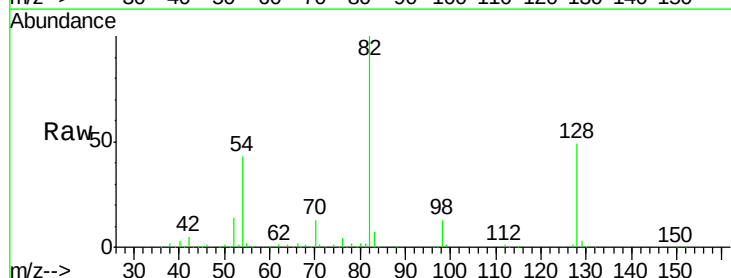
Tgt Ion: 82 Resp: 533424

Ion Ratio Lower Upper

82 100

128 49.2 36.1 54.1

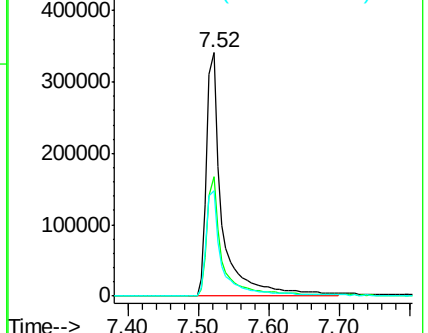
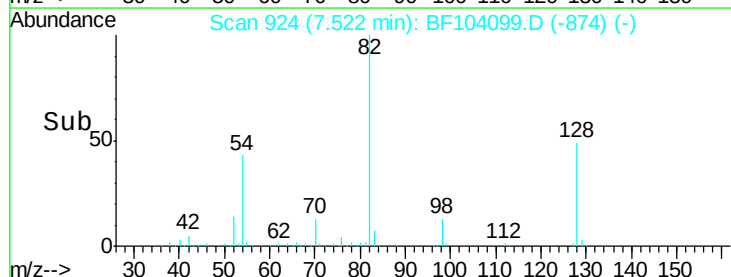
54 43.2 41.4 62.2

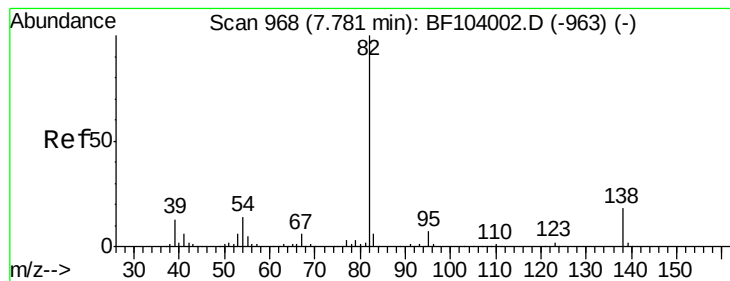


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.819 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Instrument :

BNA_F

ClientSampled :

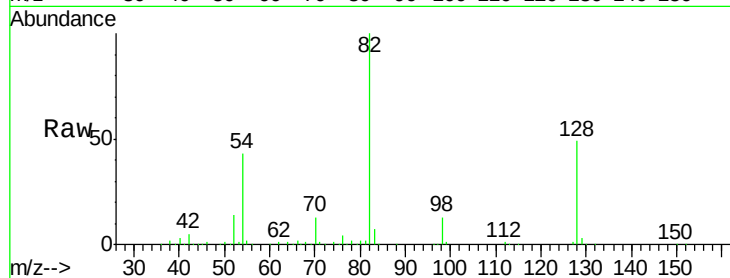
Tot Ion: 82 Resp: 533424

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

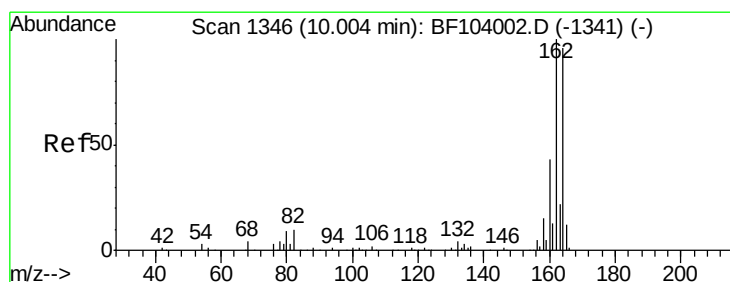
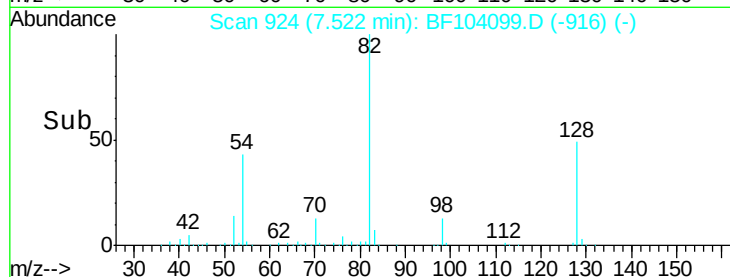
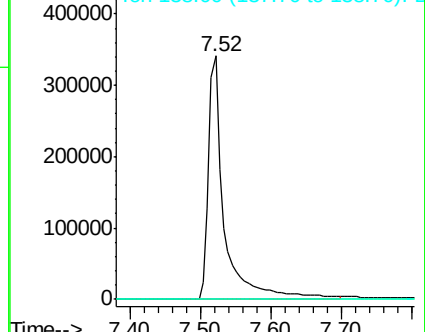
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

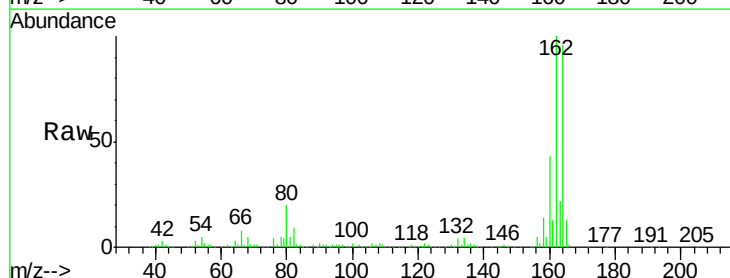
Tgt Ion:164 Resp: 237607

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

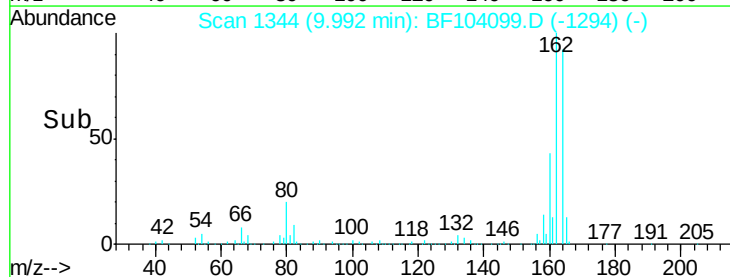
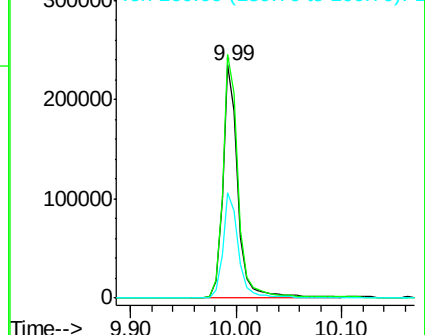
160 45.3 38.3 57.5

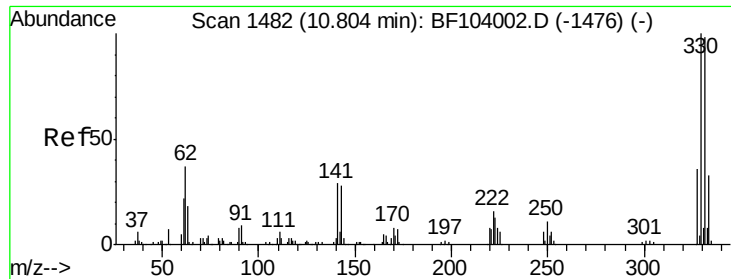


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

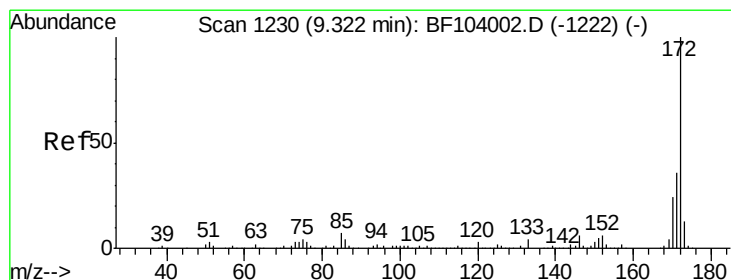
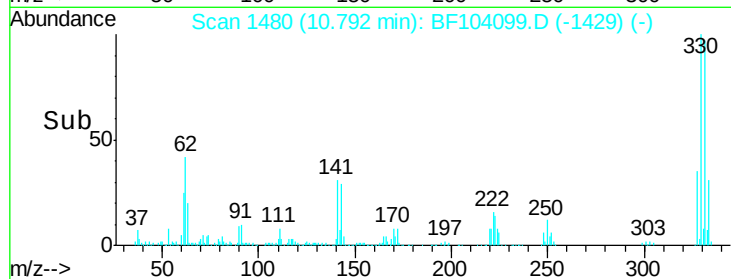
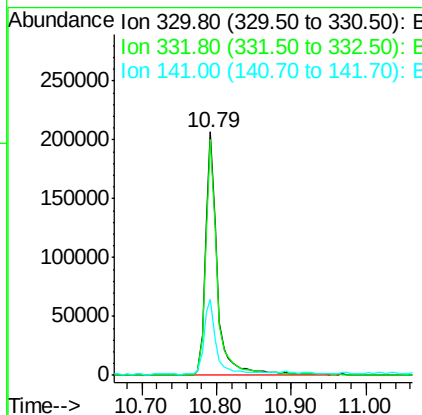
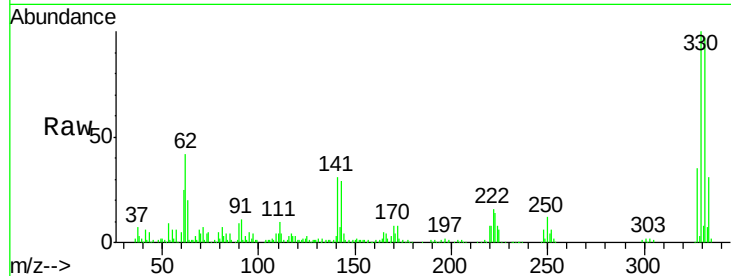




#41
 2,4,6-Tribromophenol
 Concen: 87.487 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104099.D
 Acq: 30 Mar 2018 18:14

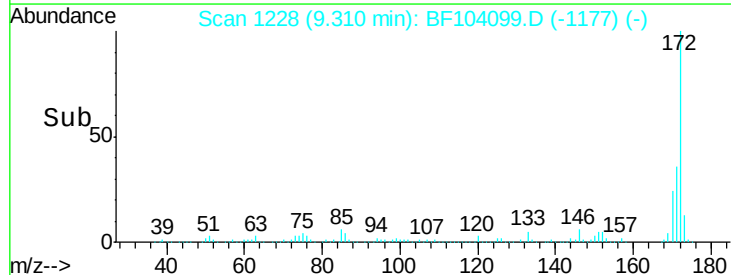
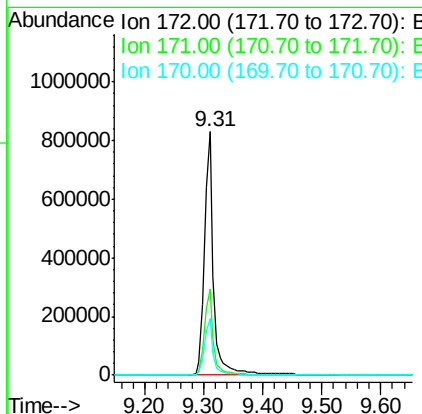
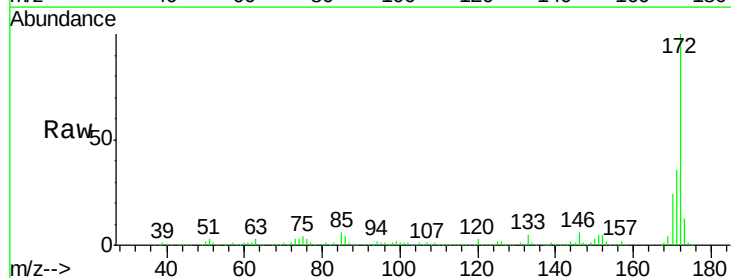
Instrument :
 BNA_F
 ClientSampleId :

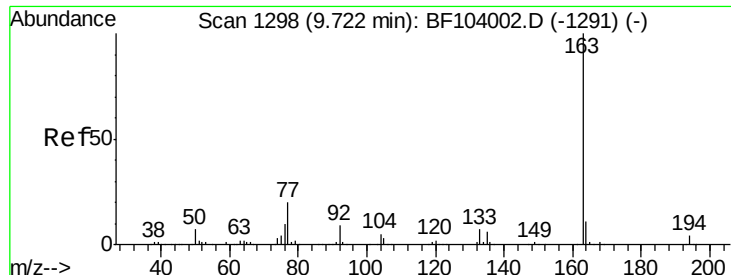
Tot Ion	330	Resp	231470
Ion Ratio	100		
Lower	77.0		
Upper	115.6		
332	94.1		
141	30.6		
	29.9		



#44
 2-Fluorobiphenyl
 Concen: 59.529 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104099.D
 Acq: 30 Mar 2018 18:14

Tgt Ion	172	Resp	896979
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
171	35.6		
170	23.5		
	19.6		

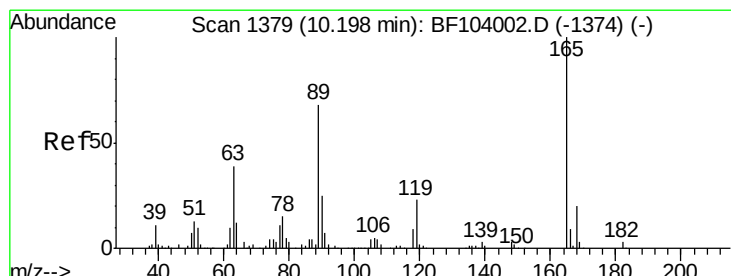
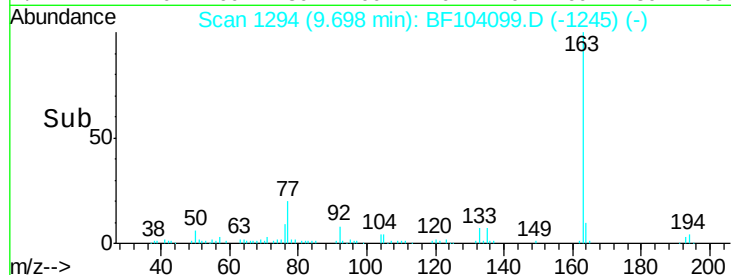
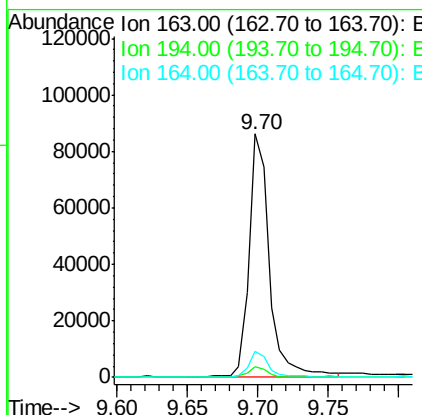
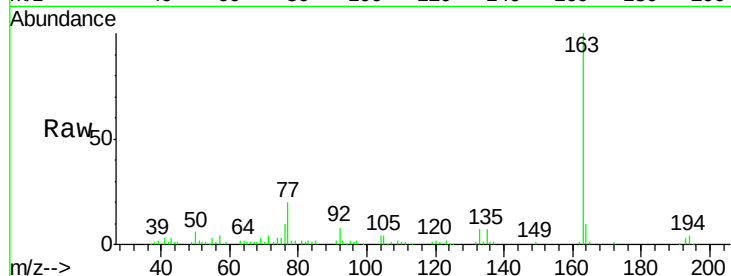




#49
Dimethylphthalate
Concen: 4.669 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104099.D
Acq: 30 Mar 2018 18:14

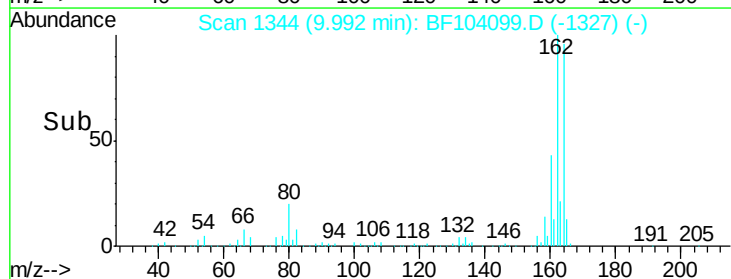
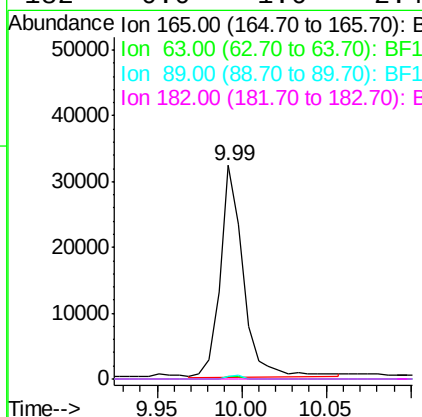
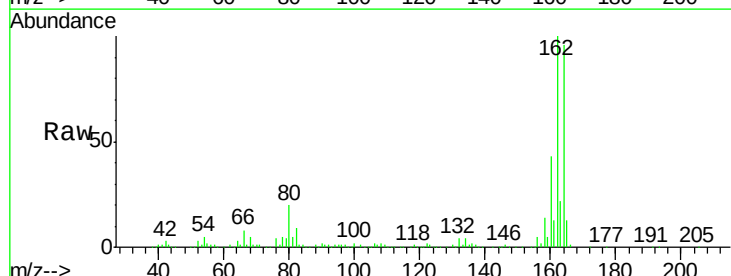
Instrument :
BNA_F
ClientSampleId :

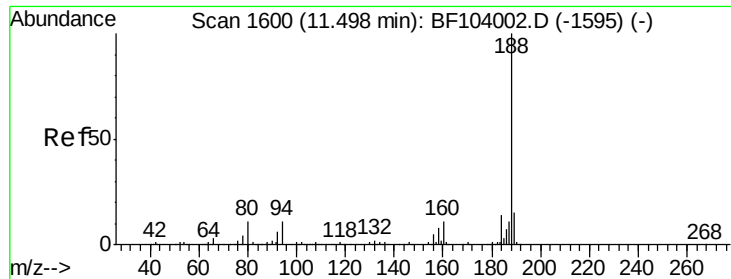
Tot Ion:163 Resp: 87599
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.4 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF104099.D
Acq: 30 Mar 2018 18:14

Tgt Ion:165 Resp: 30363
Ion Ratio Lower Upper
165 100
63 0.9 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Instrument :

BNA_F

ClientSampled :

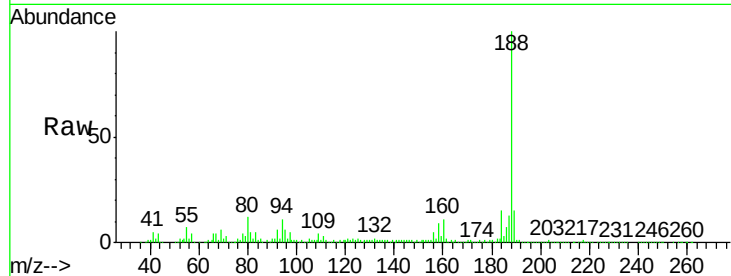
Tot Ion:188 Resp: 410648

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

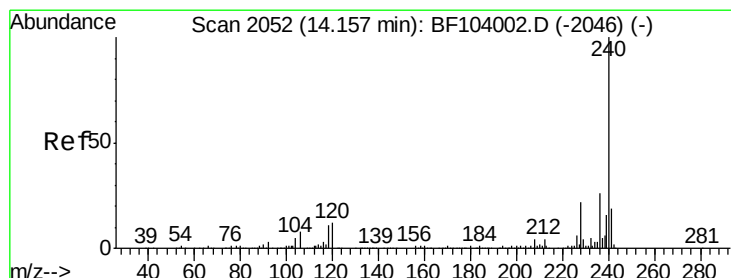
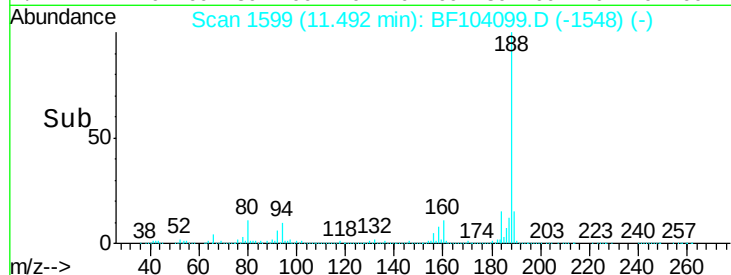
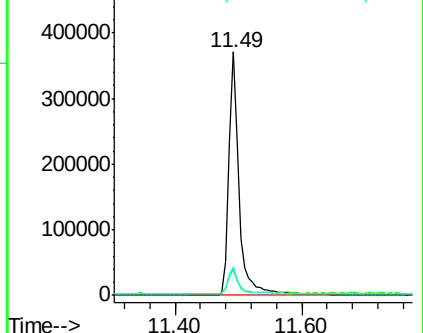
80 11.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

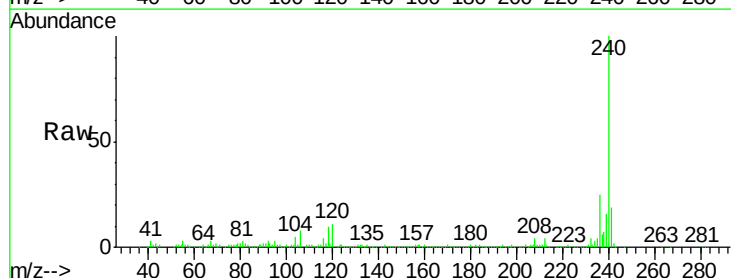
Tgt Ion:240 Resp: 332557

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

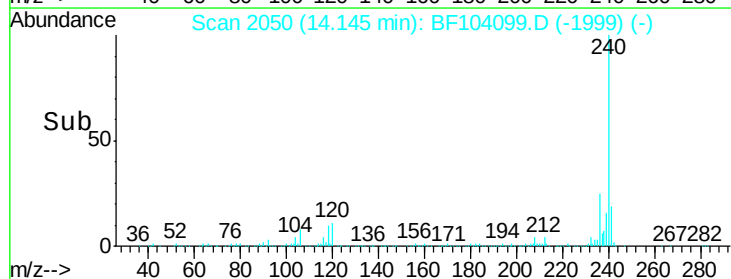
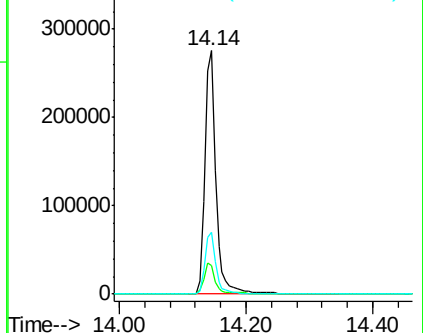
236 25.4 20.7 31.1

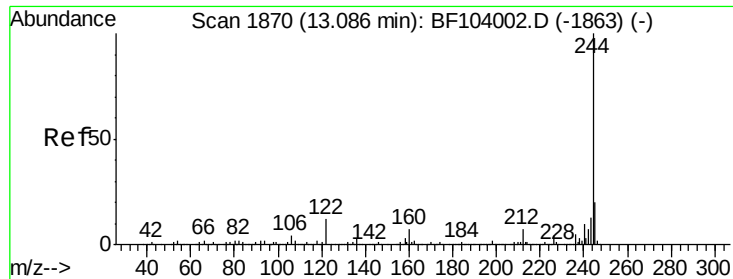


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.601 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Instrument :

BNA_F

ClientSampleId :

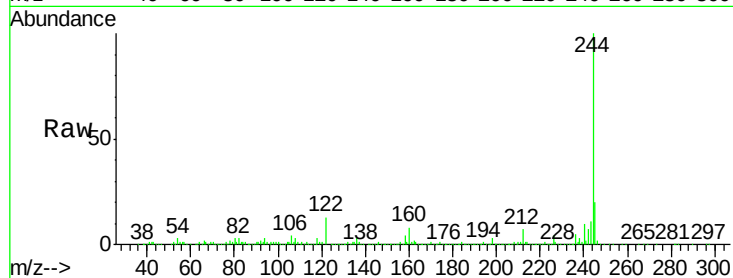
Tot Ion:244 Resp: 916040

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

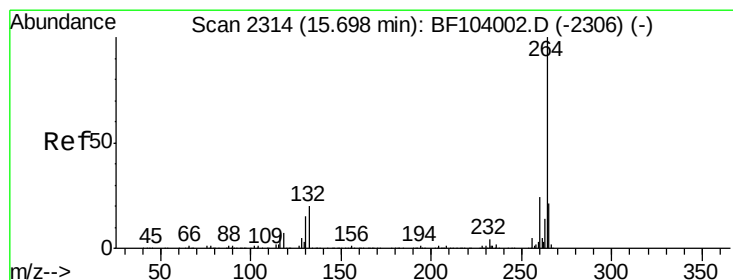
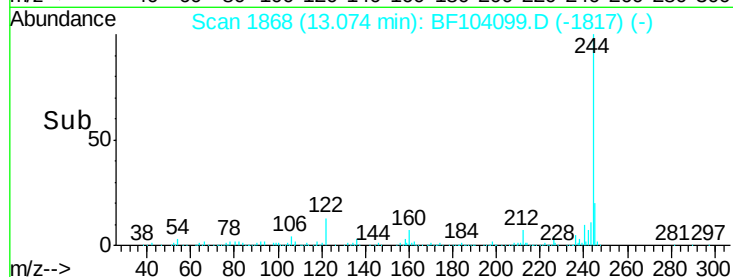
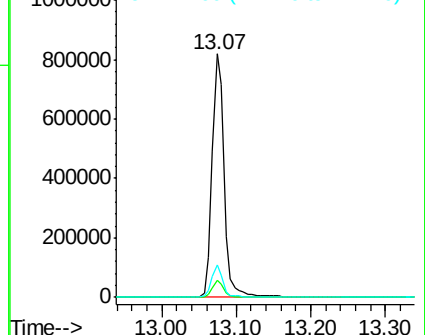
122 13.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

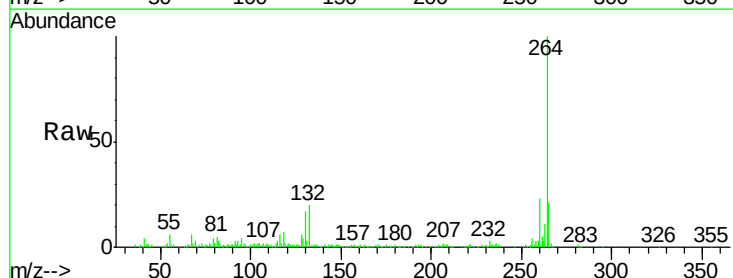
Tgt Ion:264 Resp: 267942

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

