

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094768.D
 Acq On : 2 May 2017 00:31
 Operator : SJ/MA
 Sample : I2916-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 04:53:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

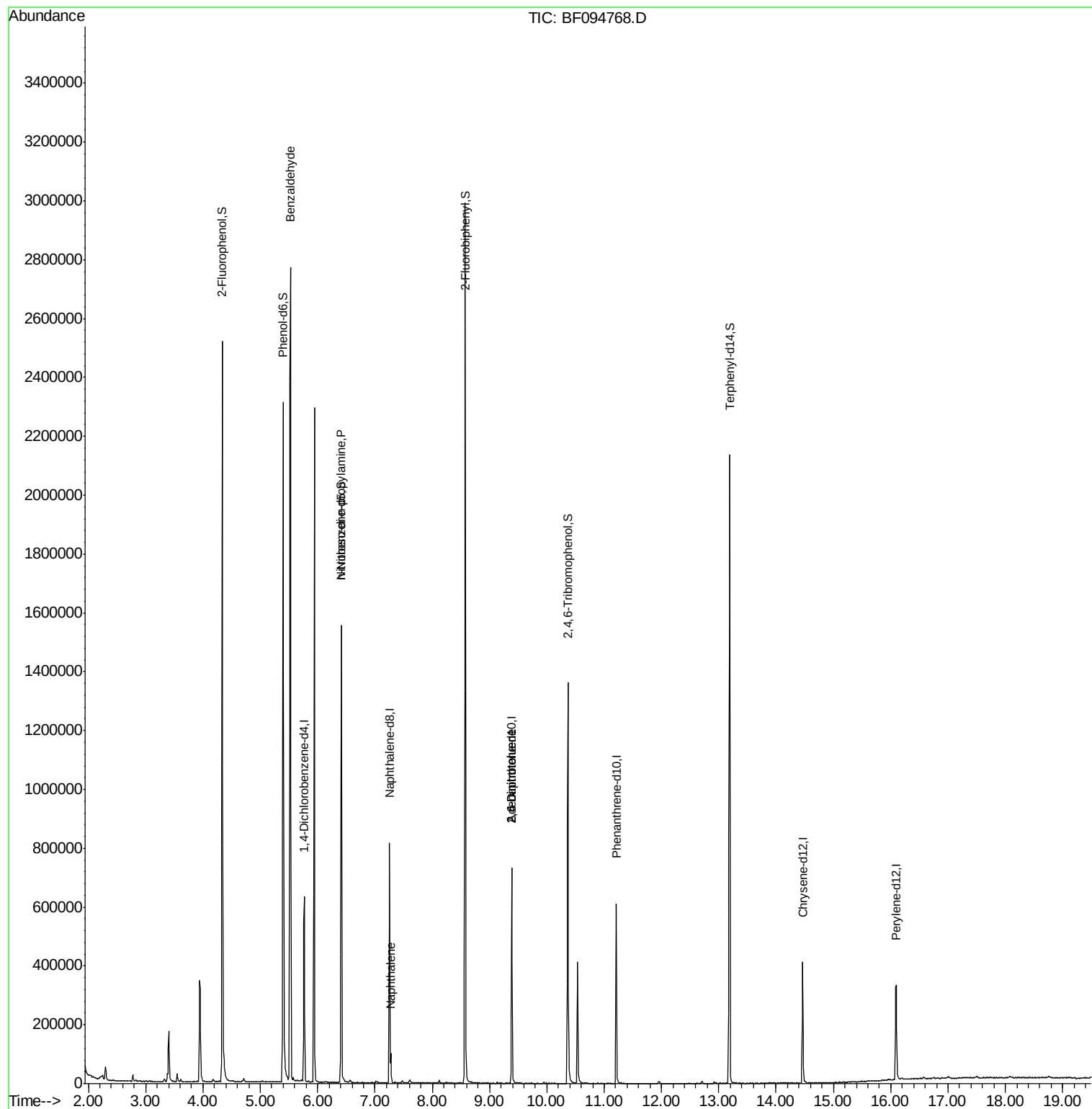
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	102008	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	386294	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	173517	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	262180	20.00	ng	0.00
75) Chrysene-d12	14.46	240	178214	20.00	ng	0.00
86) Perylene-d12	16.09	264	149522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	810229	131.78	ng	0.03
7) Phenol-d6	5.40	99	964271	133.03	ng	0.00
23) Nitrobenzene-d5	6.41	82	604201	96.58	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	181030	133.38	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1058909	89.79	ng	0.00
78) Terphenyl-d14	13.19	244	768103	115.20	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	16713	3.03	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	6.41	70	79315	16.51	ng	# 78
31) Naphthalene	7.28	128	44058	2.37	ng	97
50) 2,6-Dinitrotoluene	9.39	165	22097	7.61	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	22097	6.20	ng	# 31

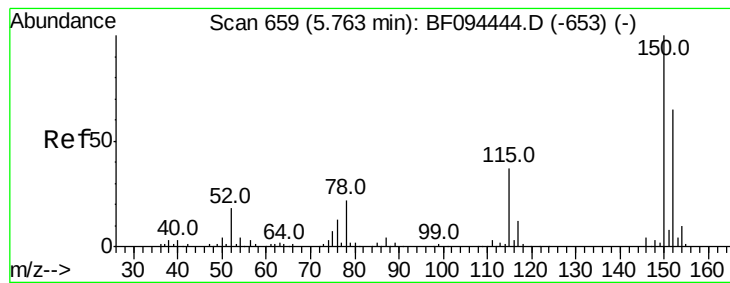
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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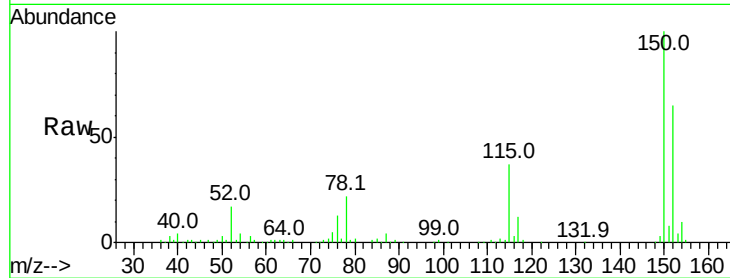


#1

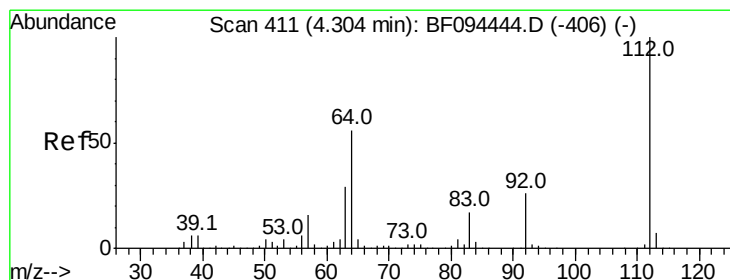
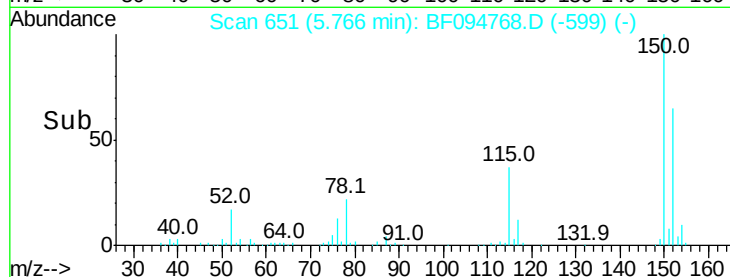
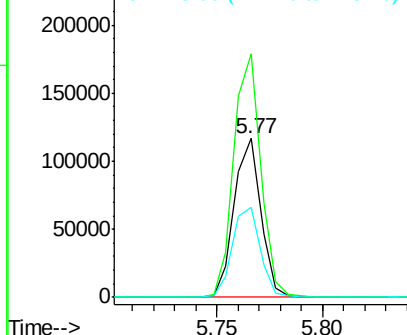
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094768.D
Acq: 2 May 2017 00:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 102008
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.2
115 57.0 52.2 78.2



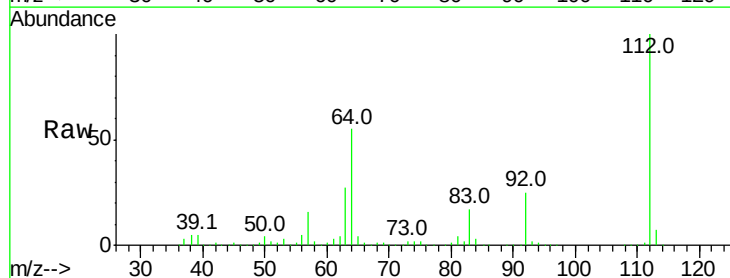
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



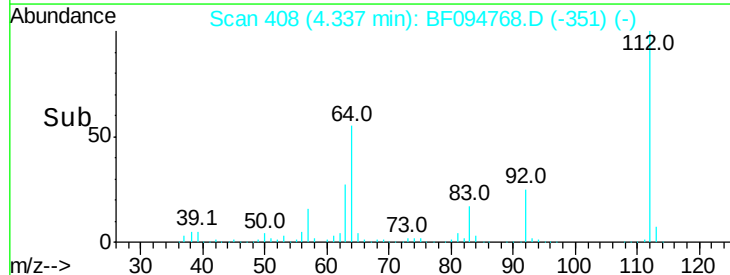
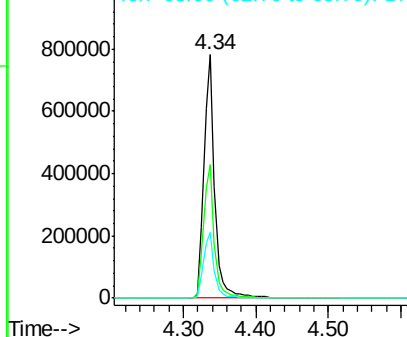
#5

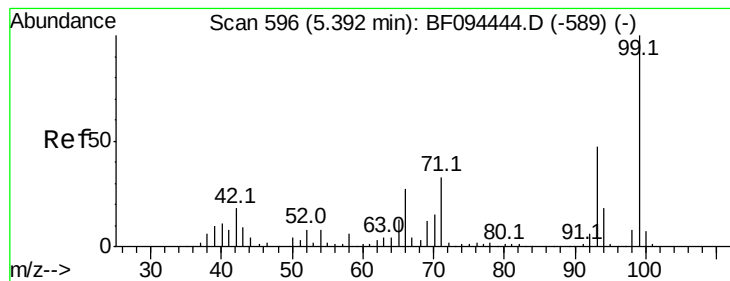
2-Fluorophenol
Concen: 131.78 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094768.D
Acq: 2 May 2017 00:31

Tgt Ion:112 Resp: 810229
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 26.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.03 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

Instrument :

BNA_F

ClientSampled :

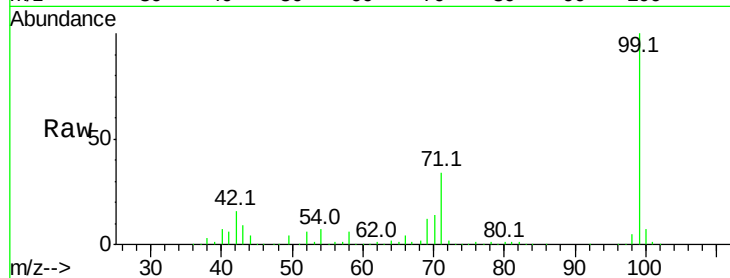
Tot Ion: 99 Resp: 964271

Ion Ratio Lower Upper

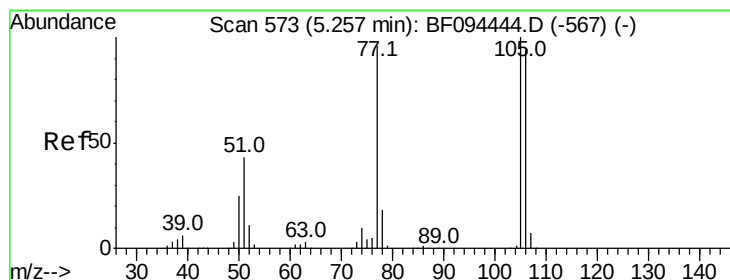
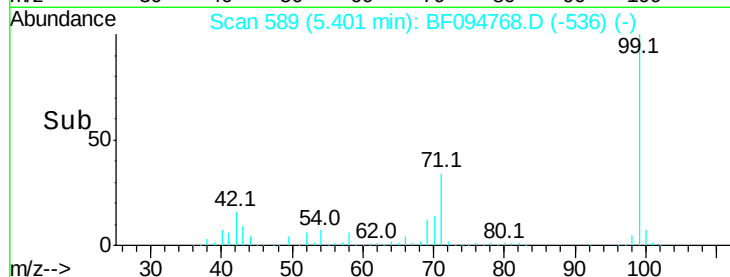
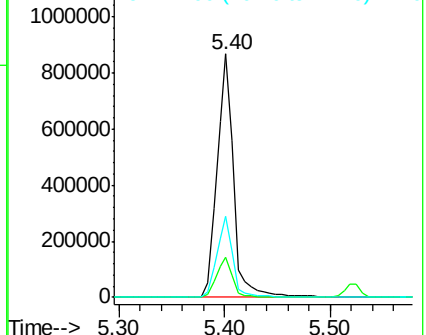
99 100

42 16.4 13.5 20.3

71 33.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.03 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

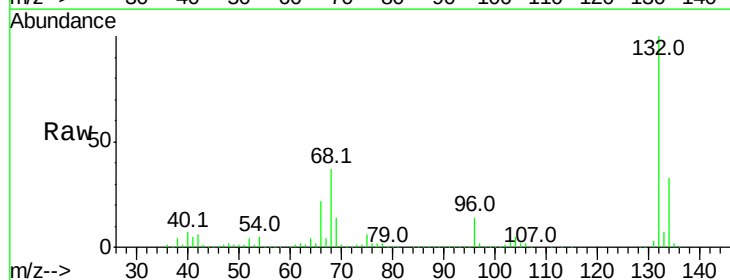
Tgt Ion: 77 Resp: 16713

Ion Ratio Lower Upper

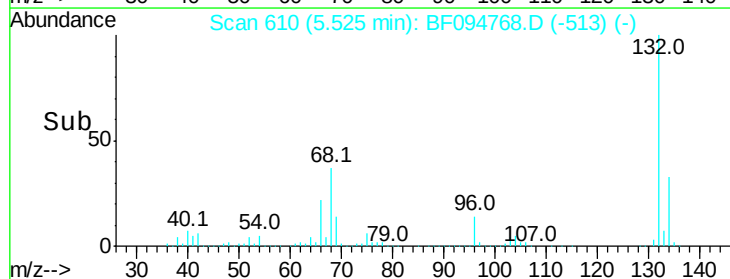
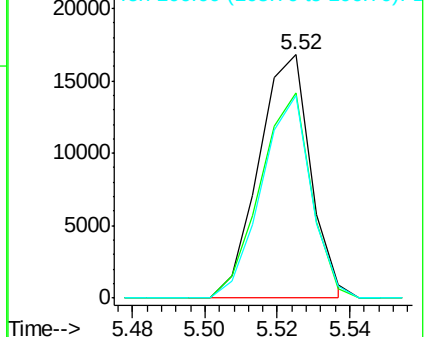
77 100

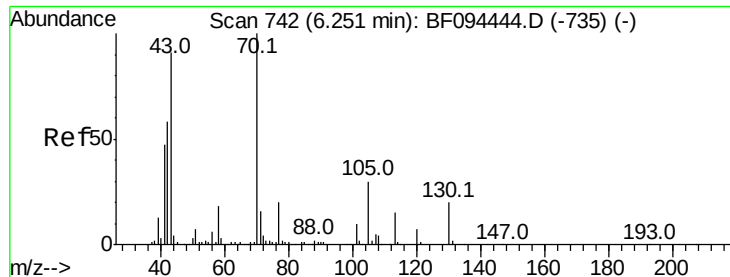
105 84.2 83.8 123.8

106 83.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.51 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 79315

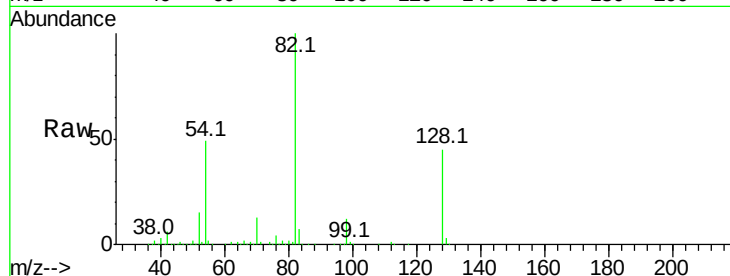
Ion Ratio Lower Upper

70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

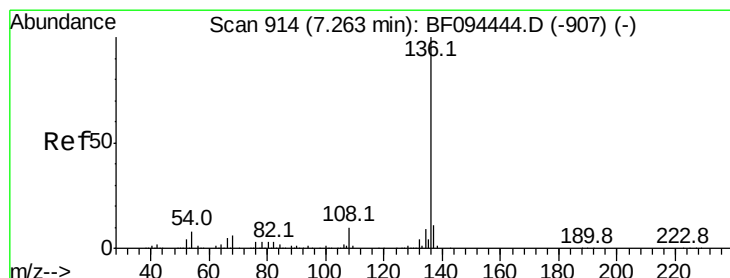
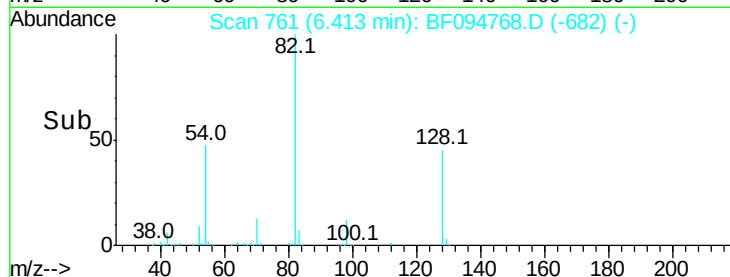
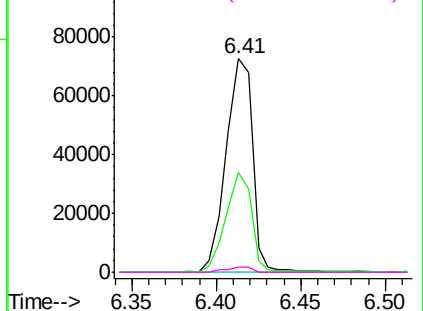


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

Tgt Ion:136 Resp: 386294

Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

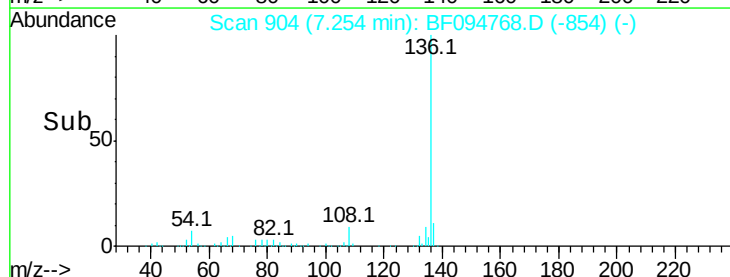
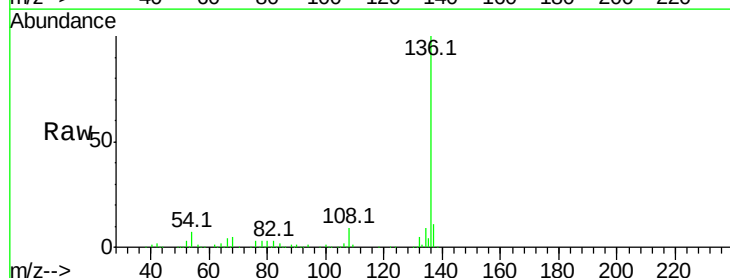
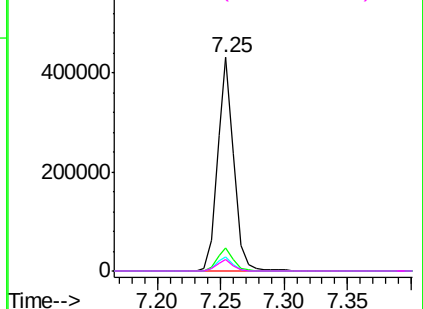
68 5.3 4.1 6.1

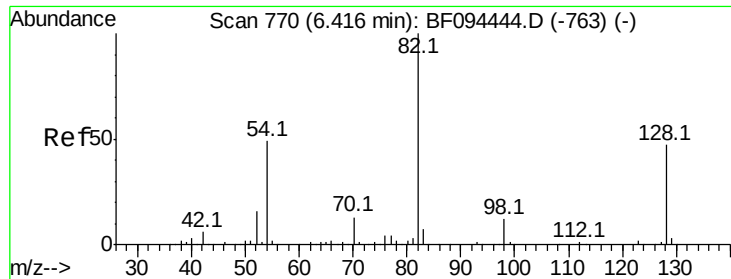
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

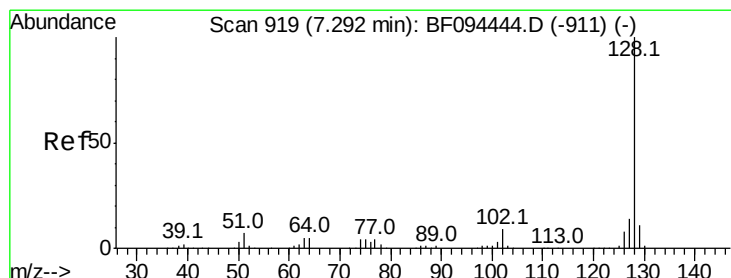
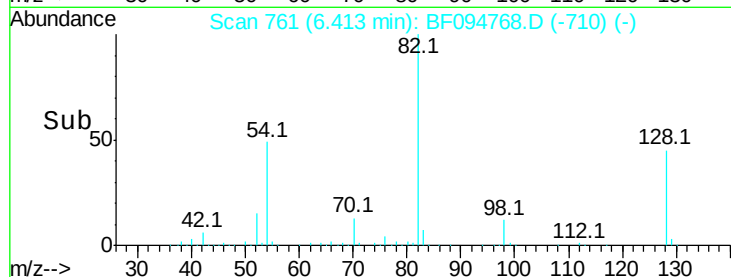
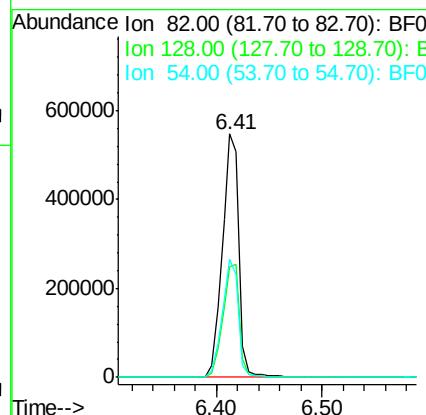
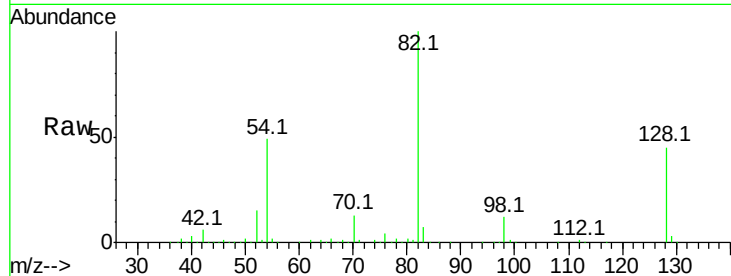




#23
 Nitrobenzene-d5
 Concen: 96.58 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

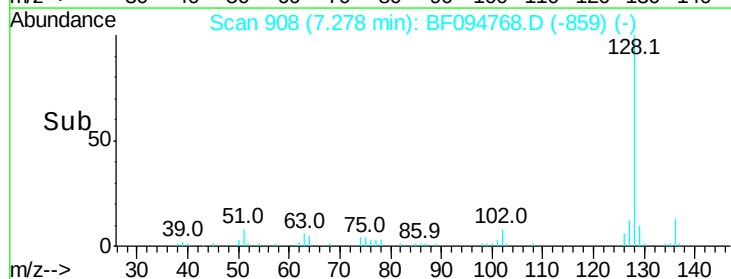
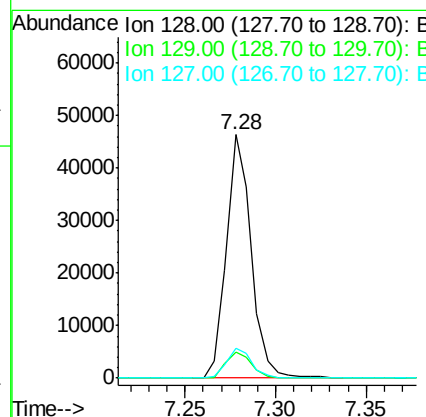
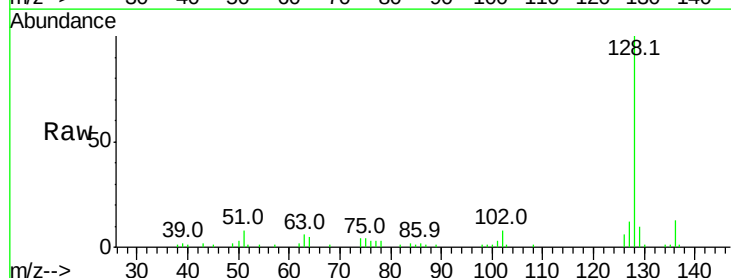
Instrument :
 BNA_F
 ClientSampleId :

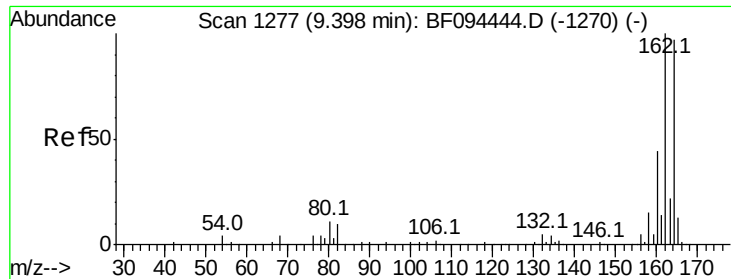
Tot Ion: 82 Resp: 604201
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 48.5 42.2 63.2



#31
 Naphthalene
 Concen: 2.37 ng
 RT: 7.28 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

Tgt Ion: 128 Resp: 44058
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.0 13.6
 127 12.3 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

Instrument :

BNA_F

ClientSampleId :

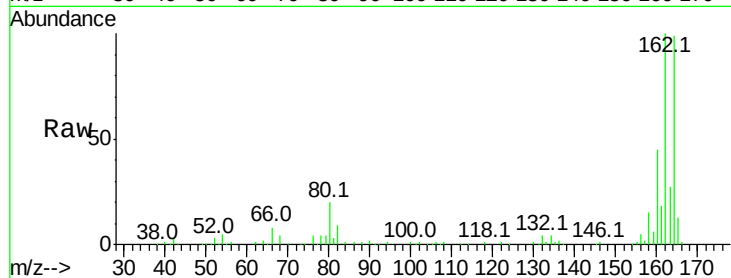
Tot Ion:164 Resp: 173517

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

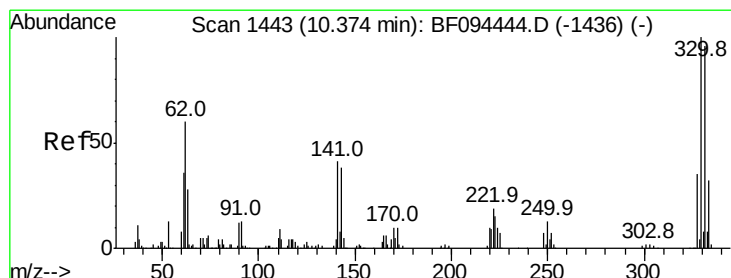
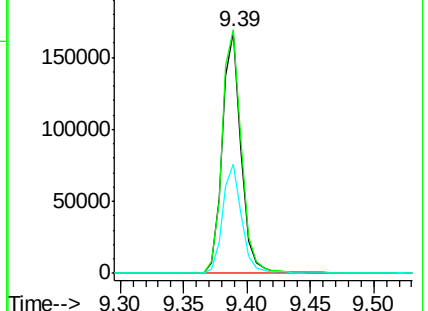
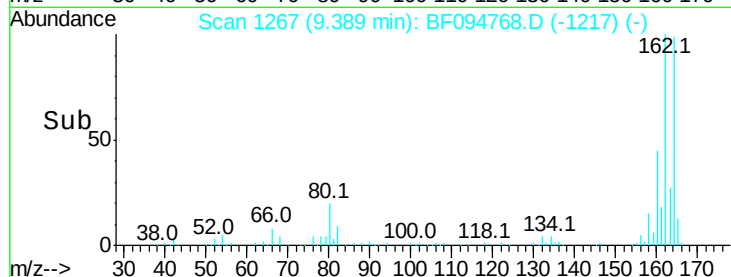
160 45.3 36.2 54.2



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: 133.38 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

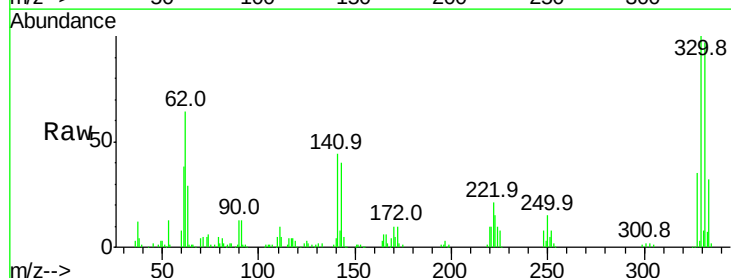
Tgt Ion:330 Resp: 181030

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

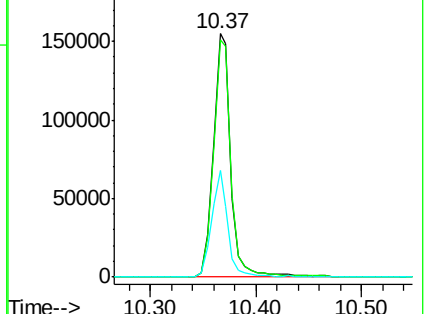
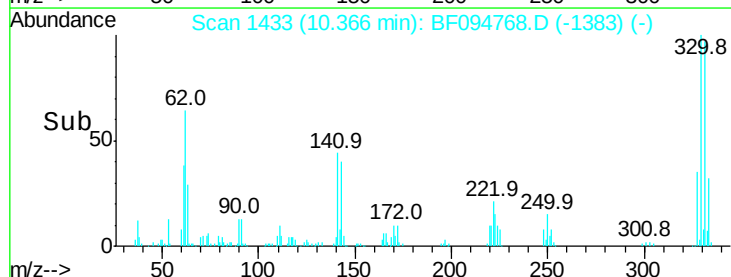
141 40.7 31.4 47.2

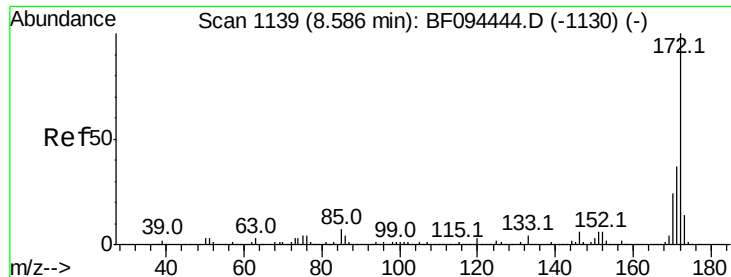


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



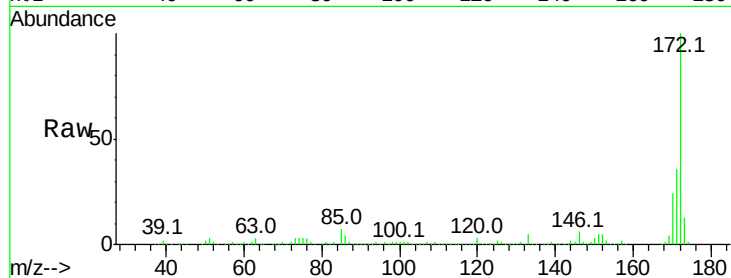


#44
 2-Fluorobiphenyl
 Concen: 89.79 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

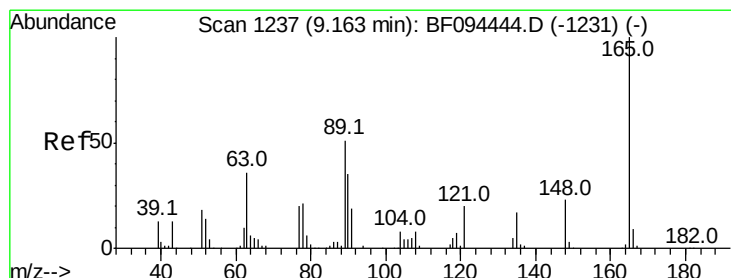
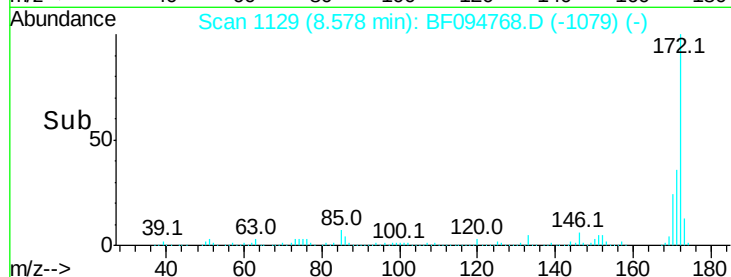
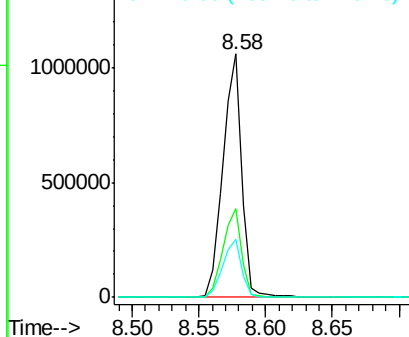
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1058909

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.7	19.8	29.8



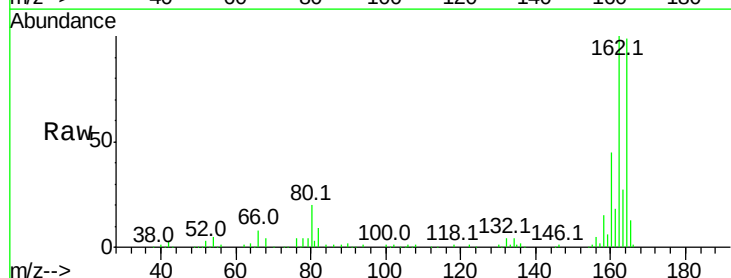
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



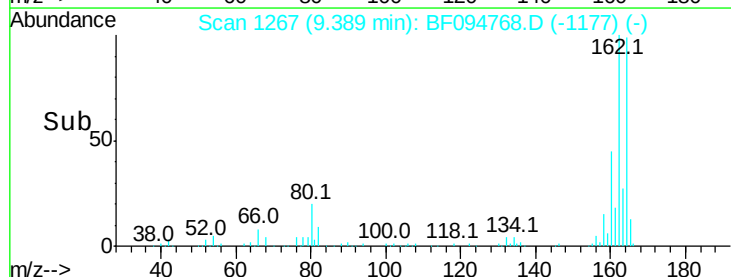
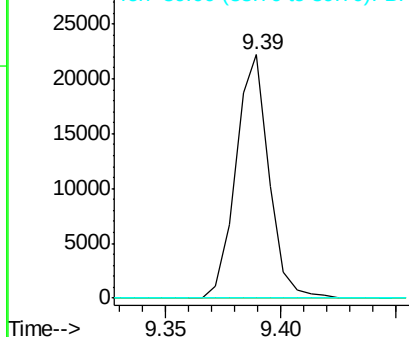
#50
 2,6-Dinitrotoluene
 Concen: 7.61 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

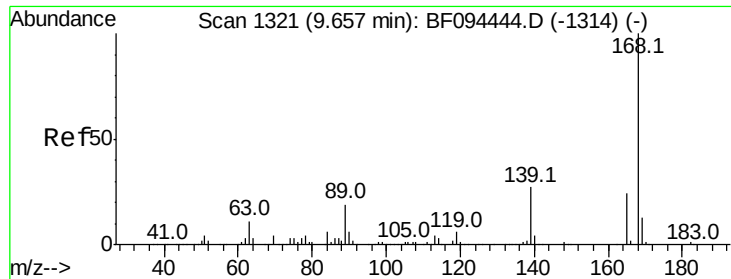
Tgt Ion:165 Resp: 22097

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

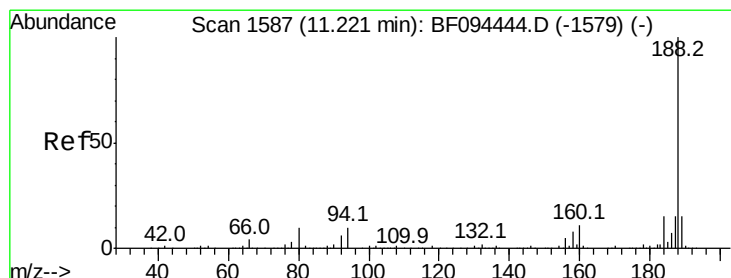
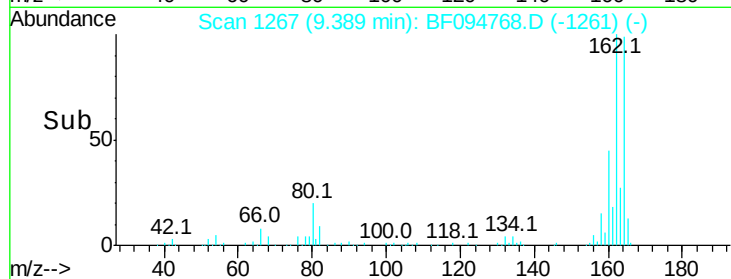
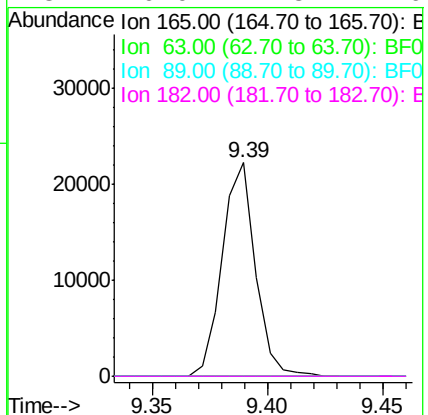
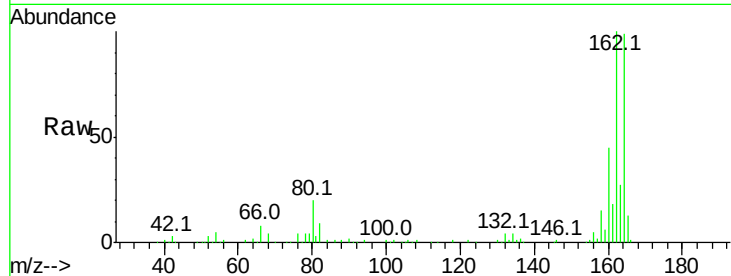




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

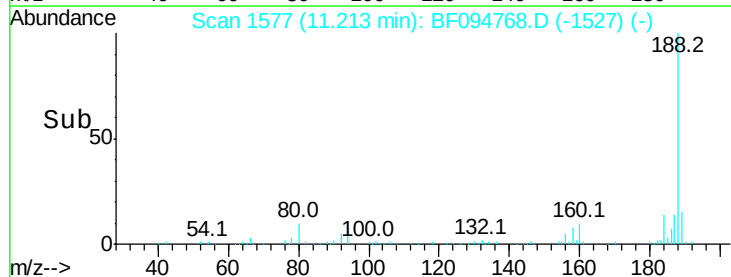
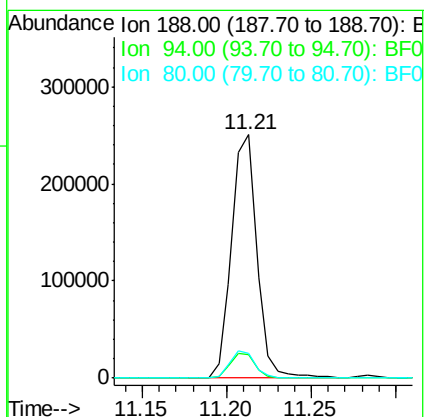
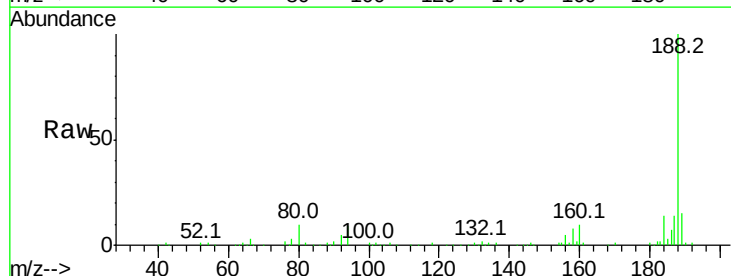
Instrument :
 BNA_F
 ClientSampleId :

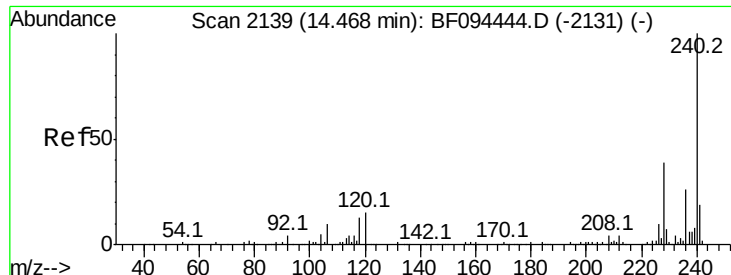
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	10.4	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

Instrument :

BNA_F

ClientSampleId :

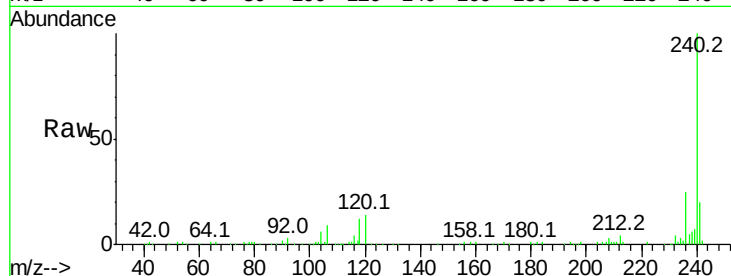
Tot Ion:240 Resp: 178214

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

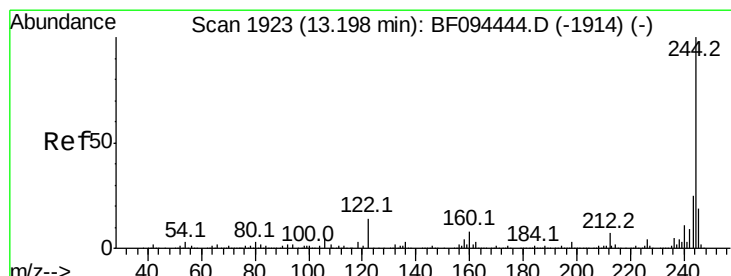
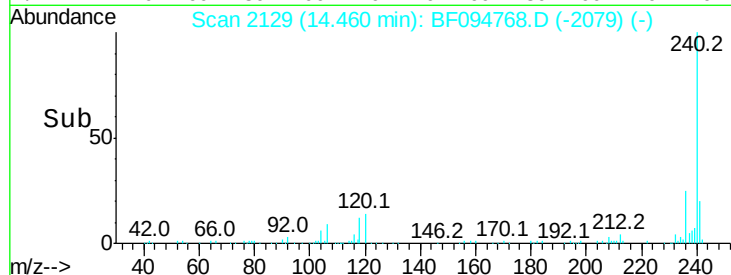
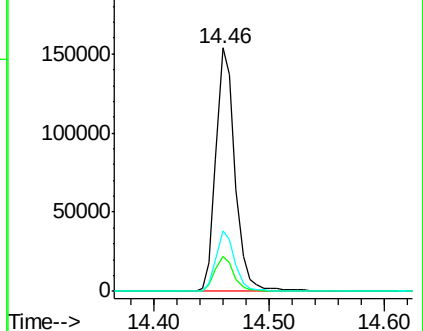
236 24.6 20.5 30.7



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: 115.20 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094768.D

Acq: 2 May 2017 00:31

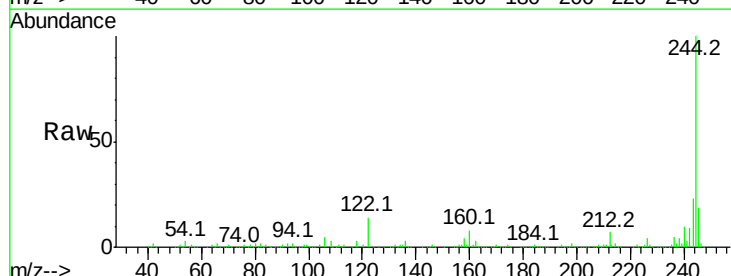
Tgt Ion:244 Resp: 768103

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

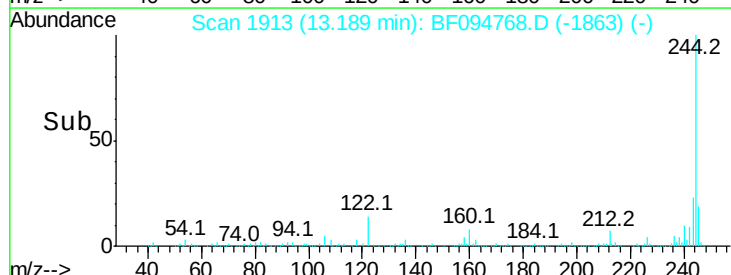
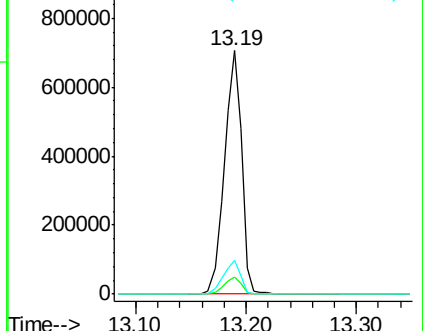
122 13.6 10.3 15.5

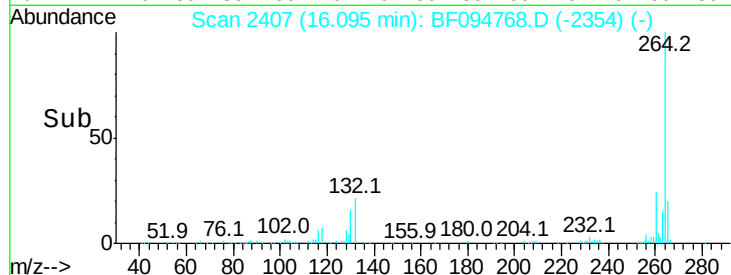
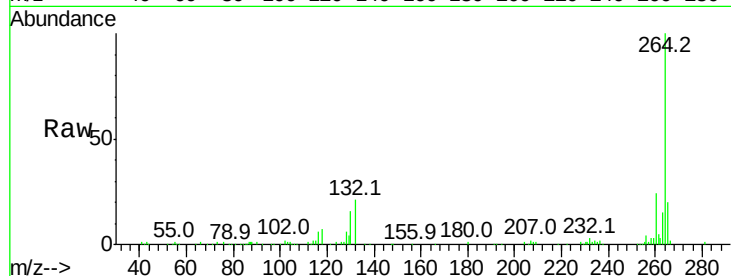
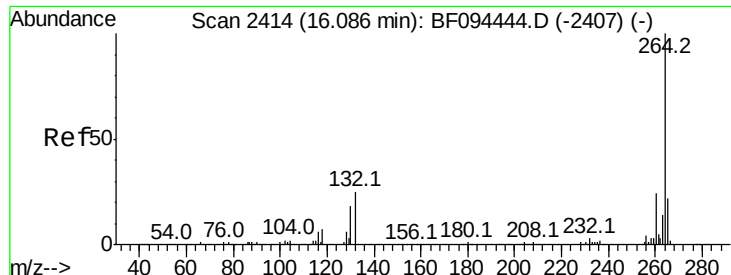


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094768.D
 Acq: 2 May 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	149522
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.3	17.2	25.8

