

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094516.D
 Acq On : 19 Apr 2017 15:21
 Operator : SJ/MA
 Sample : I2750-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:04:39 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

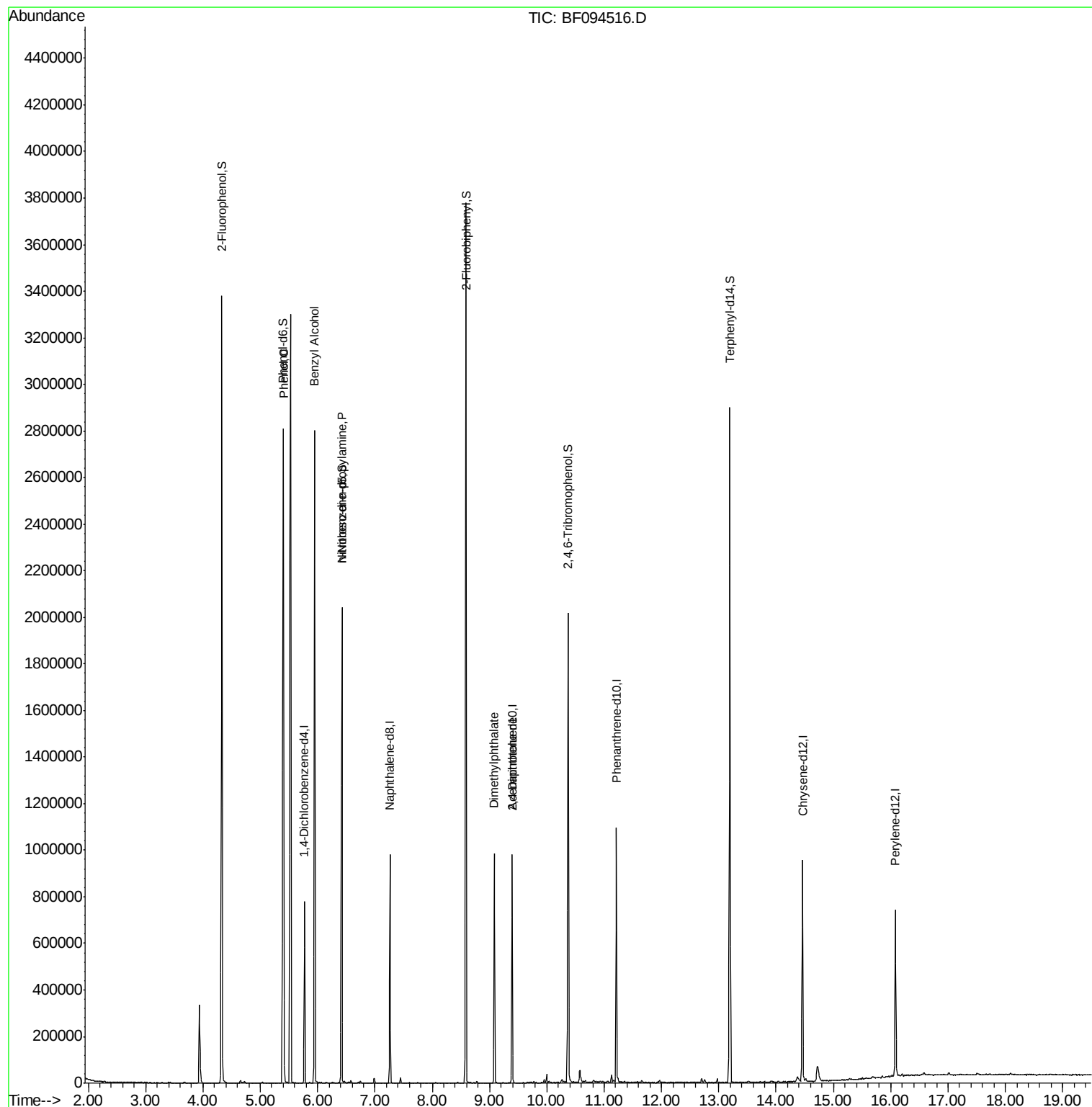
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	116849	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	475069	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	201244	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	419927	20.00	ng	0.00
75) Chrysene-d12	14.46	240	354615	20.00	ng	0.00
86) Perylene-d12	16.08	264	272242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	1031908	146.51	ng	0.03
7) Phenol-d6	5.40	99	1313007	158.13	ng	0.00
23) Nitrobenzene-d5	6.42	82	792522	103.01	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	278137	176.70	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1367504	99.98	ng	0.00
78) Terphenyl-d14	13.20	244	1189582	89.67	ng	0.00
Target Compounds						
10) Phenol	5.41	94	29266	2.87	ng	95
15) Benzyl Alcohol	5.95	79	12365	2.01	ng	# 38
19) n-Nitroso-di-n-propylamine	6.42	70	103308	18.78	ng	# 74
49) Dimethylphthalate	9.08	163	430042	28.67	ng	100
56) 2,4-Dinitrotoluene	9.40	165	25262	6.12	ng	# 33

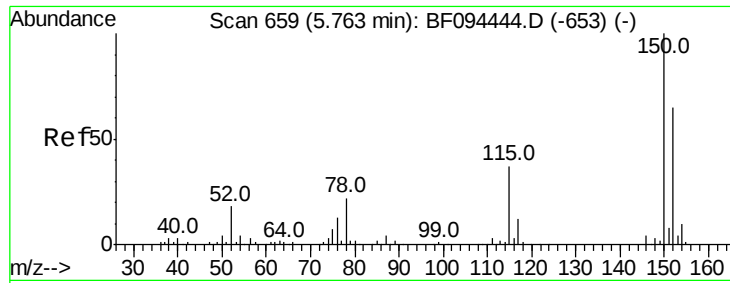
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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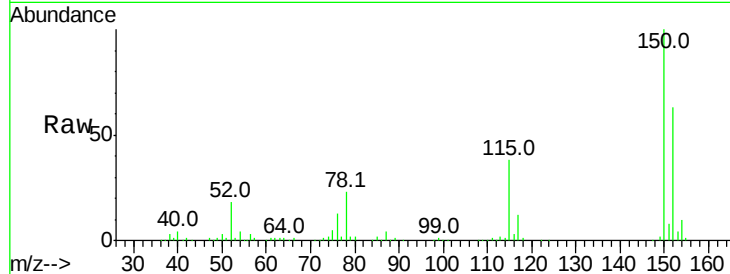


#1

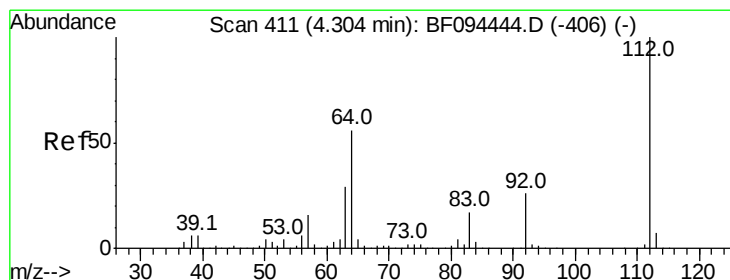
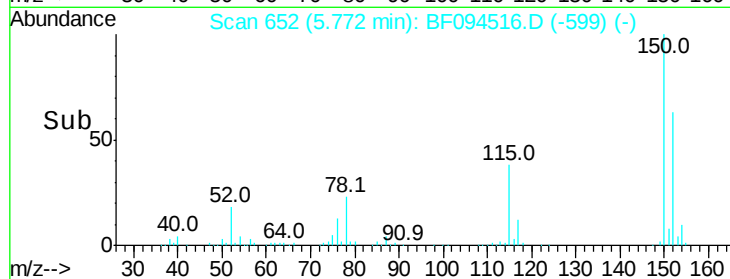
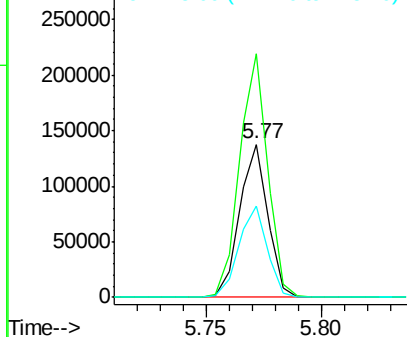
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094516.D
Acq: 19 Apr 2017 15:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 116849
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 59.8 52.2 78.2



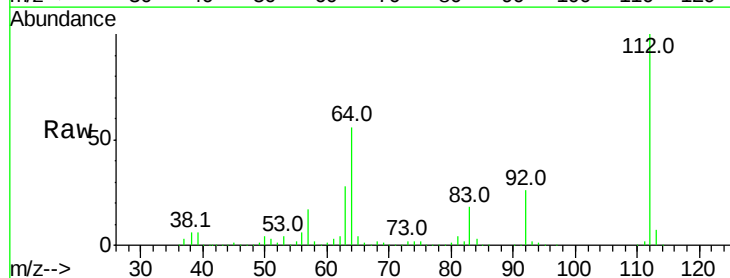
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



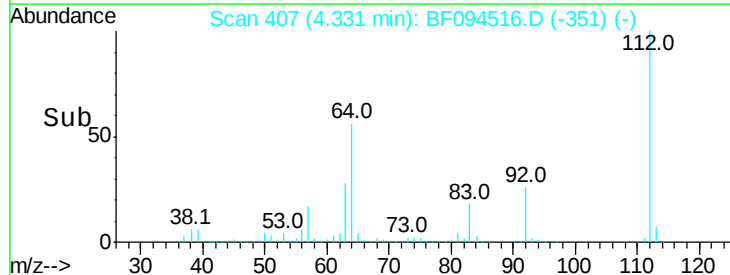
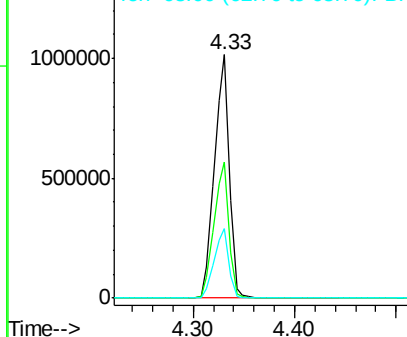
#5

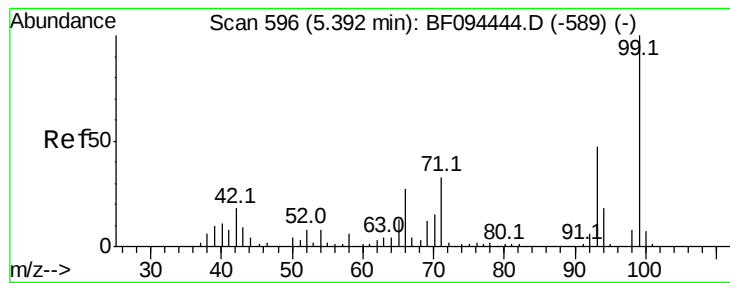
2-Fluorophenol
Concen: 146.51 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094516.D
Acq: 19 Apr 2017 15:21

Tgt Ion:112 Resp: 1031908
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 28.4 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: 158.13 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094516.D

Acq: 19 Apr 2017 15:21

Instrument :

BNA_F

ClientSampleId :

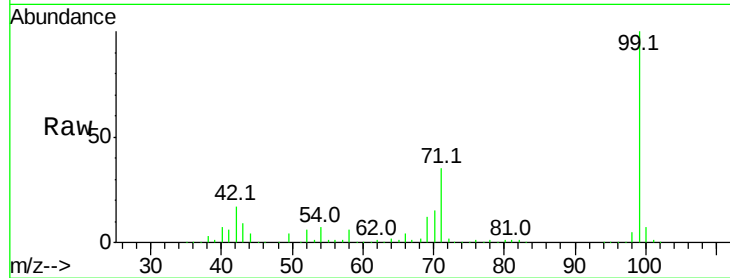
Tot Ion: 99 Resp: 1313007

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	34.5	24.5	36.7

99 100

42 17.4 13.5 20.3

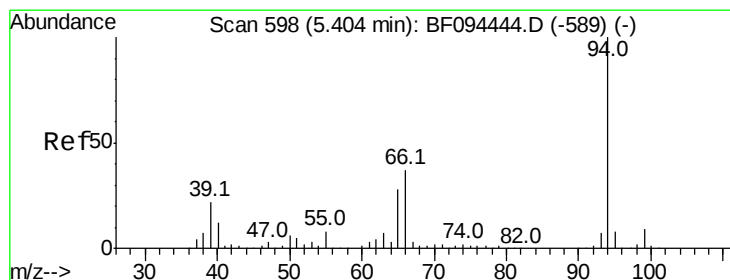
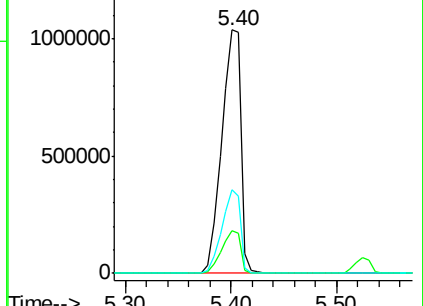
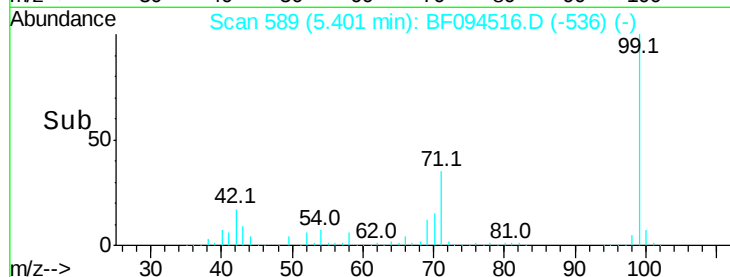
71 34.5 24.5 36.7



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



#10

Phenol

Concen: 2.87 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094516.D

Acq: 19 Apr 2017 15:21

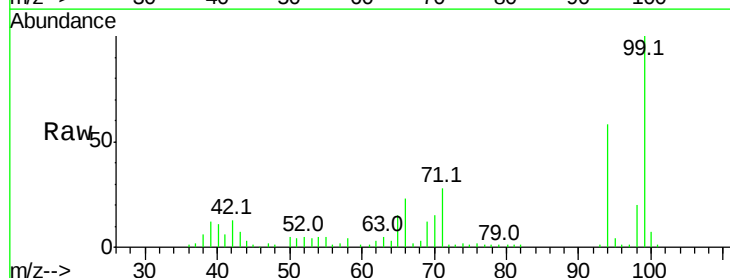
Tgt Ion: 94 Resp: 29266

Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.9	49.9
66	40.2	23.1	63.1

94 100

65 26.3 9.9 49.9

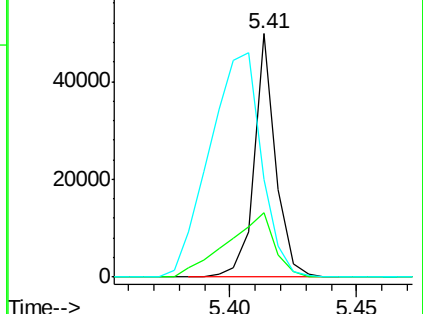
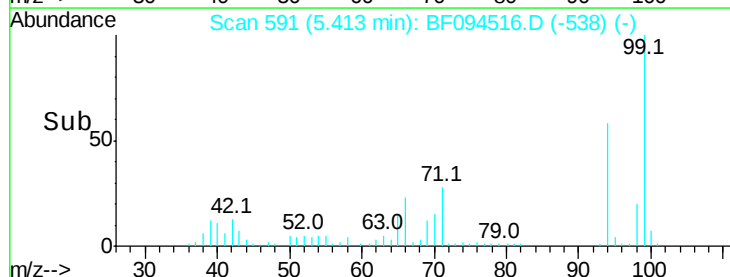
66 40.2 23.1 63.1

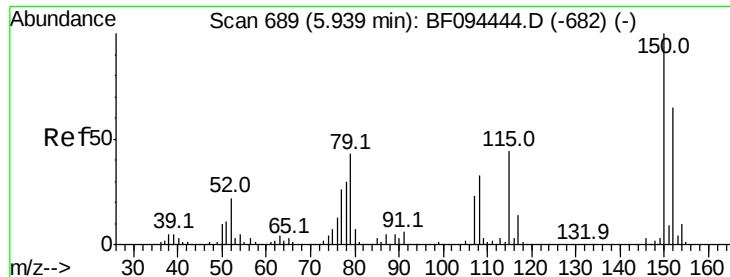


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

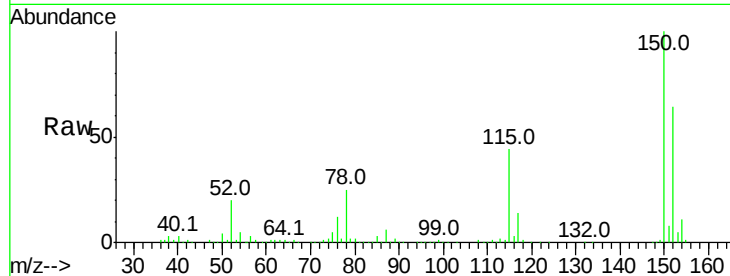




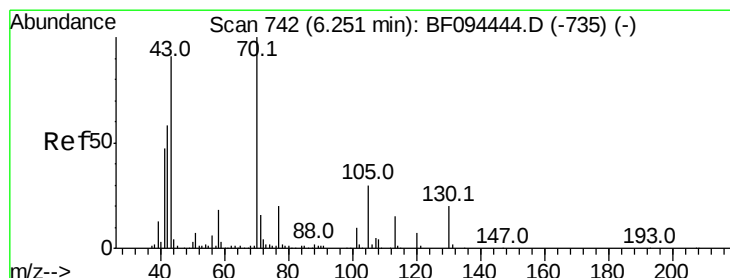
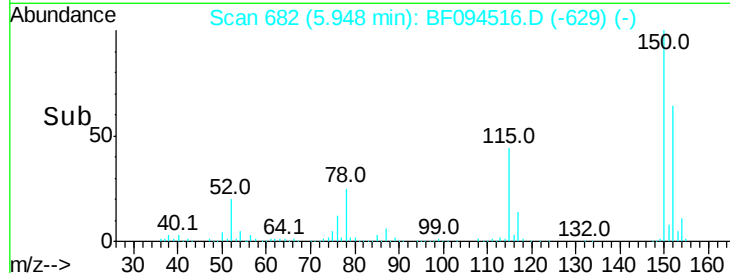
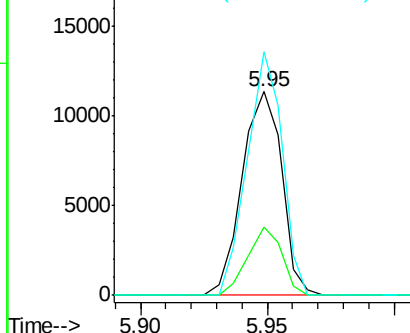
#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094516.D
Acq: 19 Apr 2017 15:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 12365
Ion Ratio Lower Upper
79 100
108 33.4 63.4 95.0#
77 119.5 49.2 73.8#

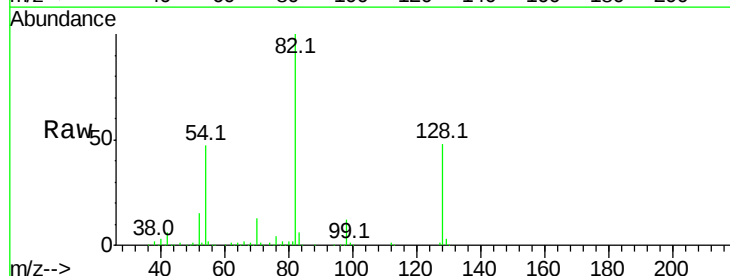


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

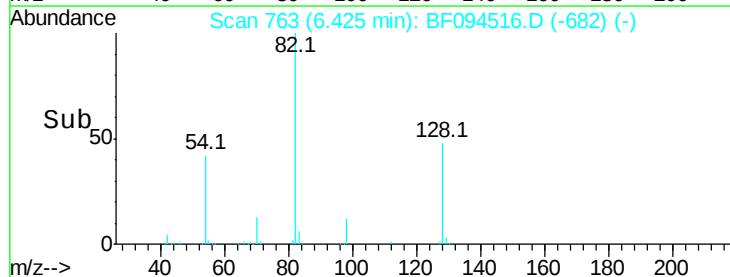
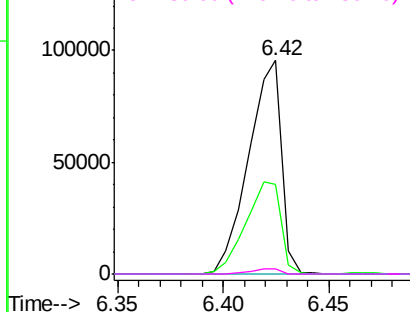


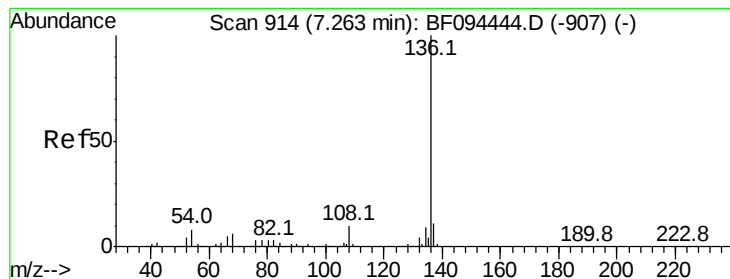
#19
n-Nitroso-di-n-propylamine
Concen: 18.78 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.17 min
Lab File: BF094516.D
Acq: 19 Apr 2017 15:21

Tgt Ion: 70 Resp: 103308
Ion Ratio Lower Upper
70 100
42 42.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 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): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094516.D

Acq: 19 Apr 2017 15:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 475069

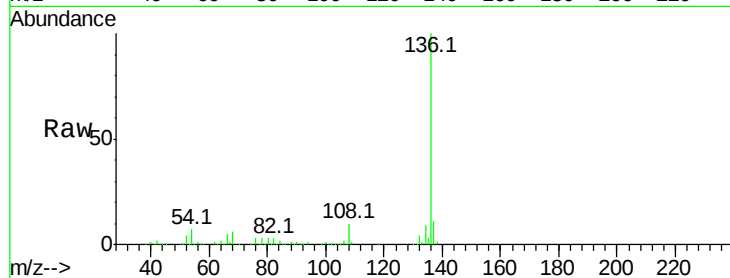
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

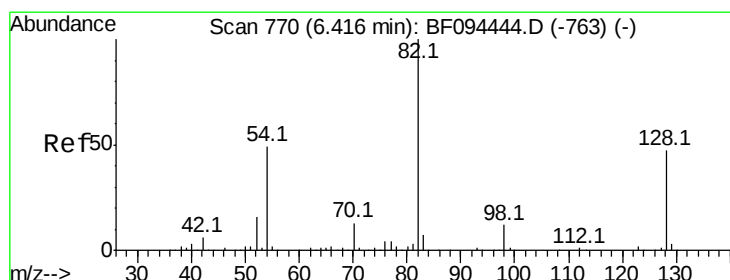
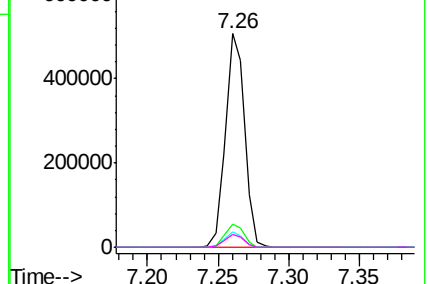
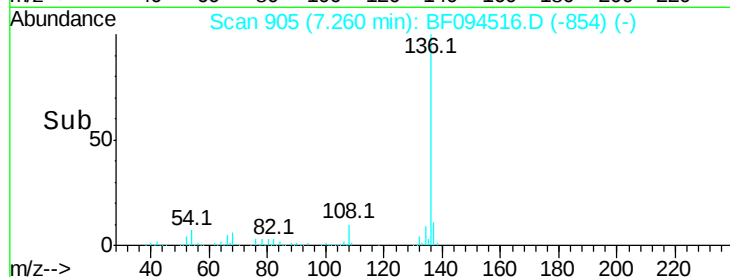


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.01 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094516.D

Acq: 19 Apr 2017 15:21

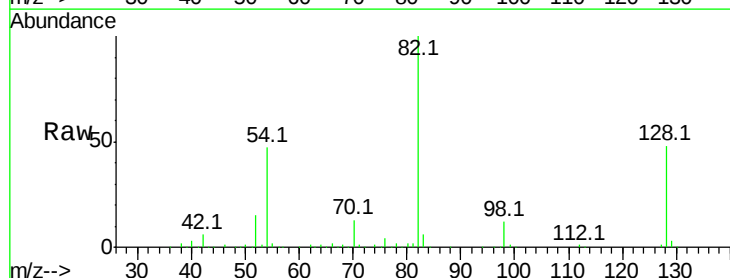
Tgt Ion: 82 Resp: 792522

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

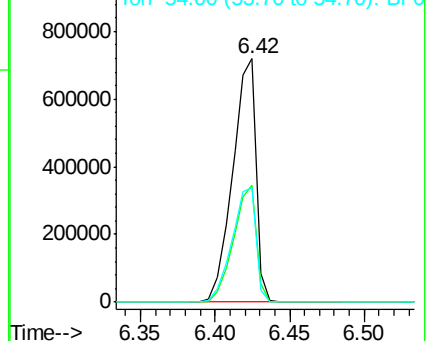
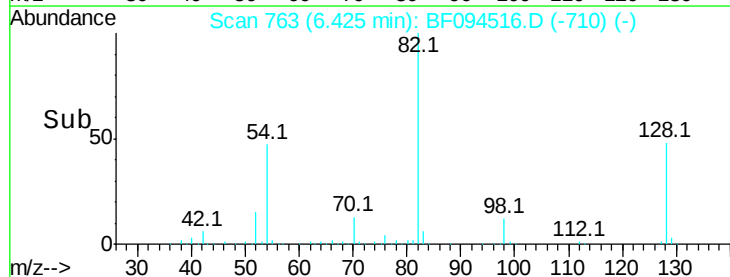
54 46.8 42.2 63.2

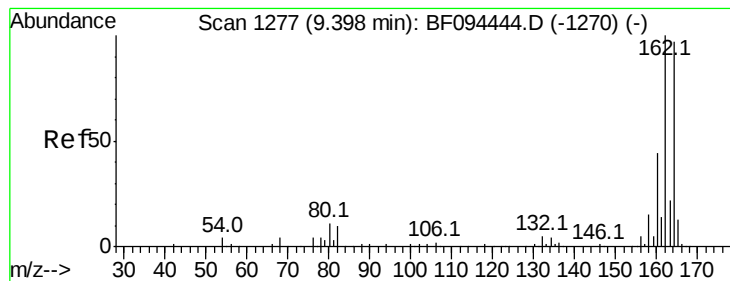


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094516.D

Acq: 19 Apr 2017 15:21

Instrument :

BNA_F

ClientSampleId :

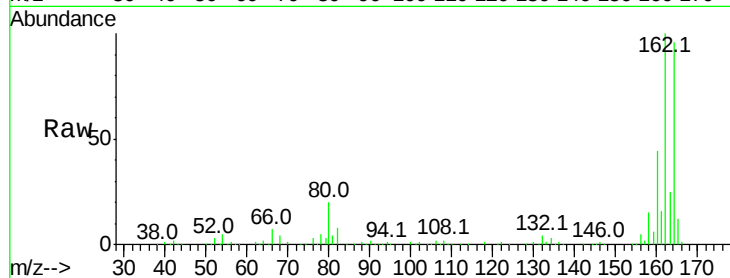
Tot Ion:164 Resp: 201244

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

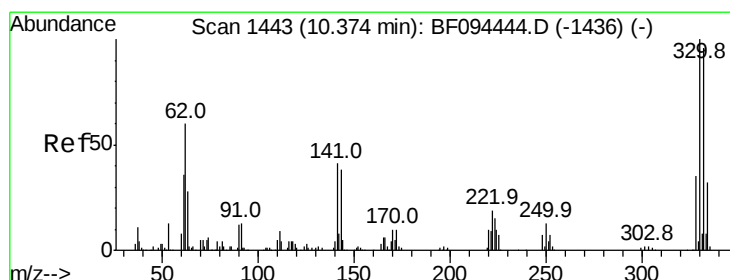
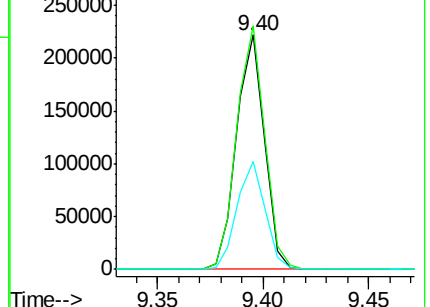
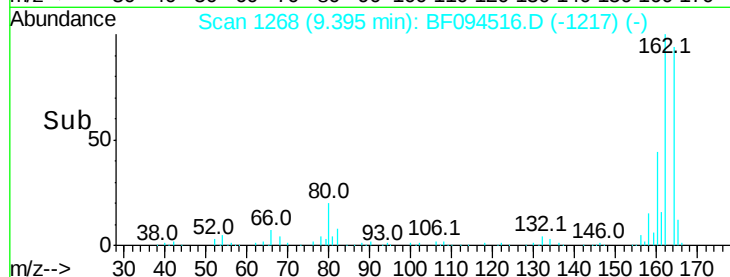
160 46.0 36.2 54.2



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: 176.70 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094516.D

Acq: 19 Apr 2017 15:21

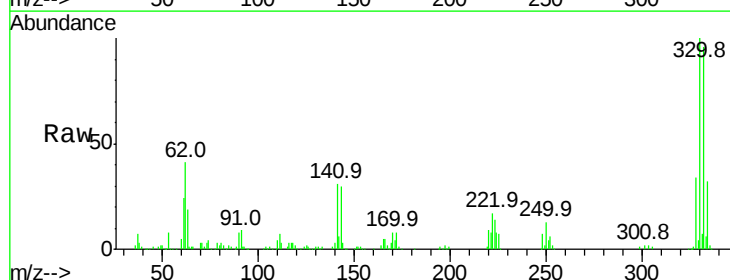
Tgt Ion:330 Resp: 278137

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

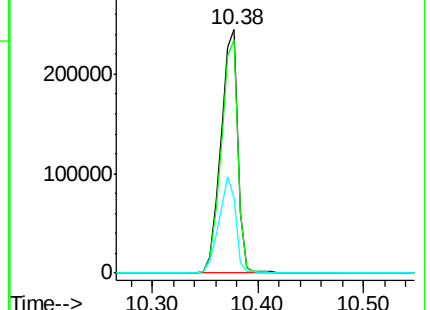
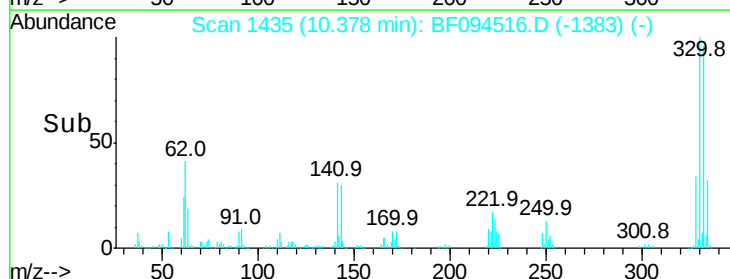
141 39.3 31.4 47.2

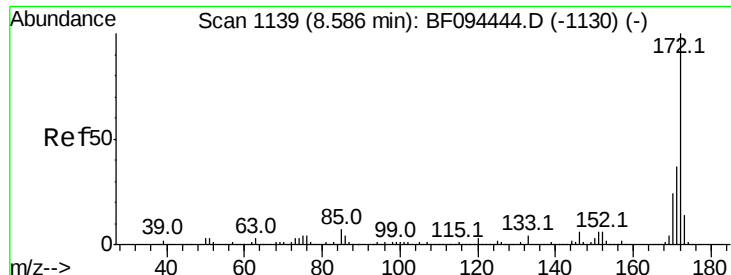


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



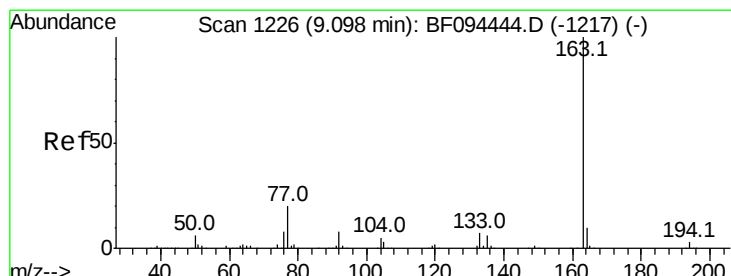
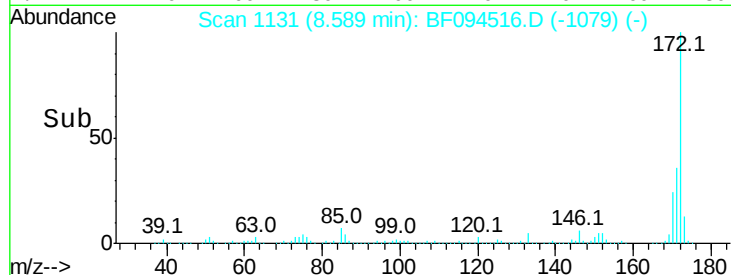
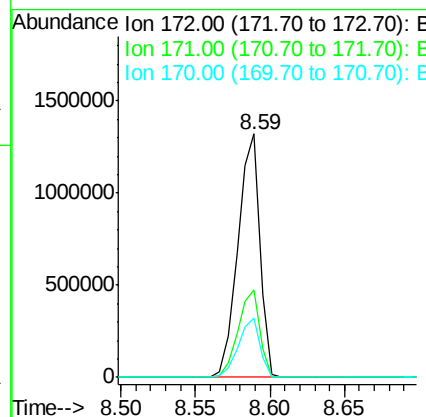
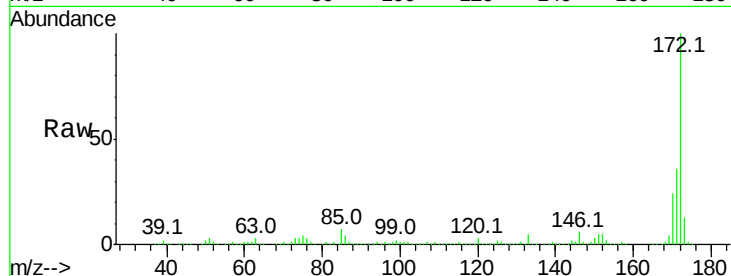


#44
 2-Fluorobiphenyl
 Concen: 99.98 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1367504

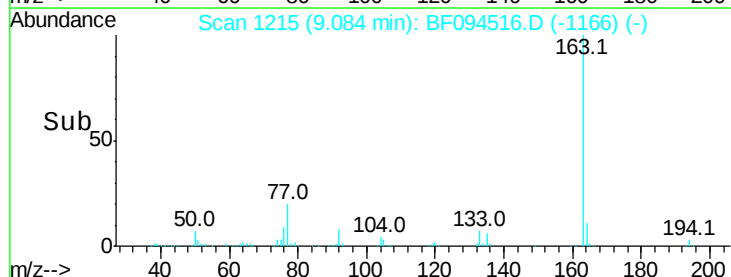
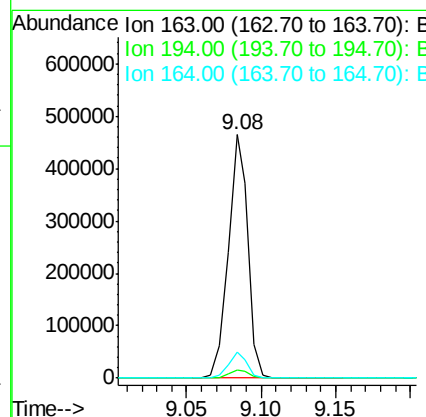
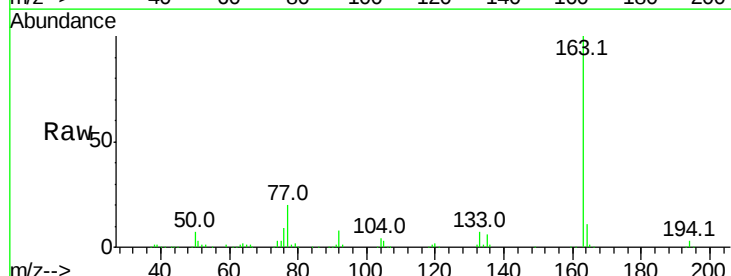
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8

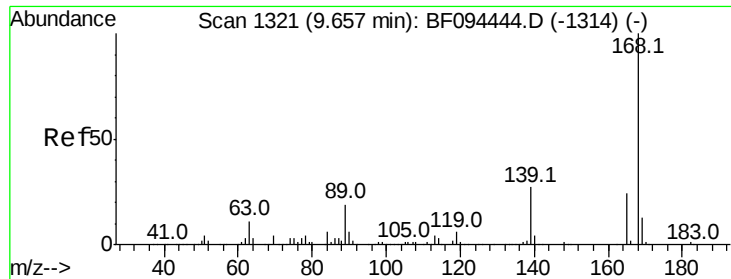


#49
 Dimethylphthalate
 Concen: 28.67 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Tgt Ion:163 Resp: 430042

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6

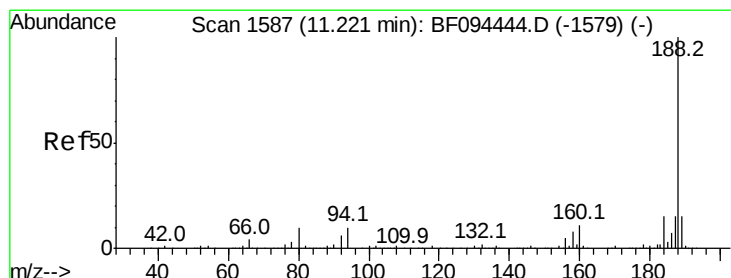
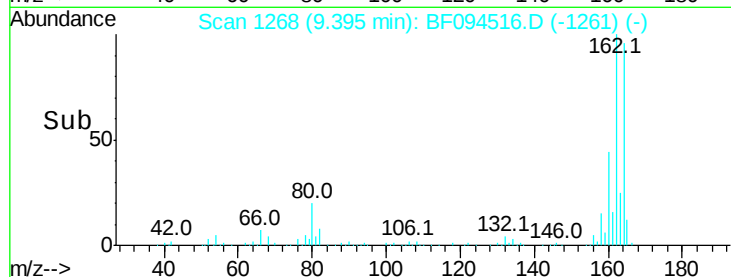
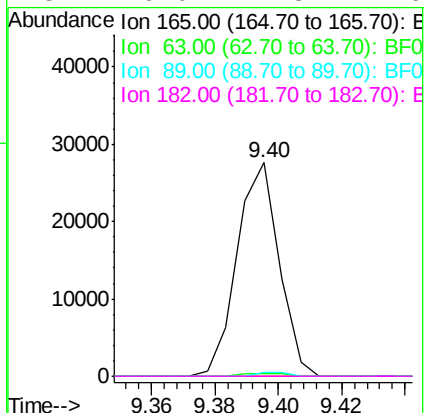
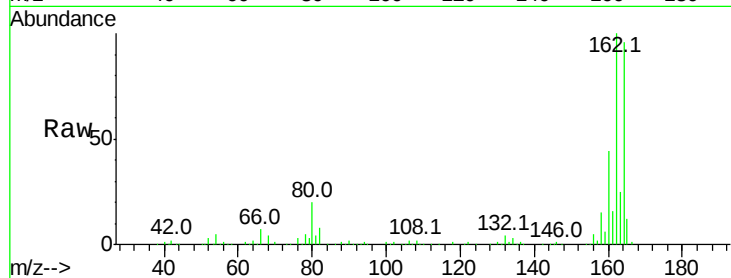




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

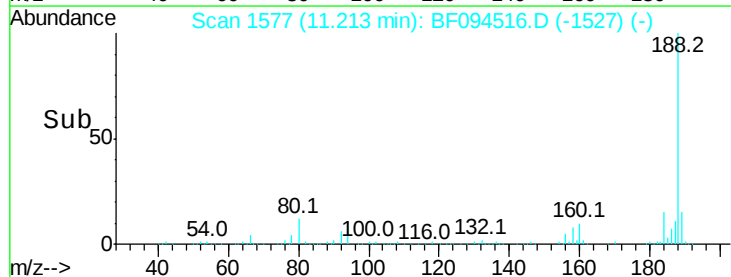
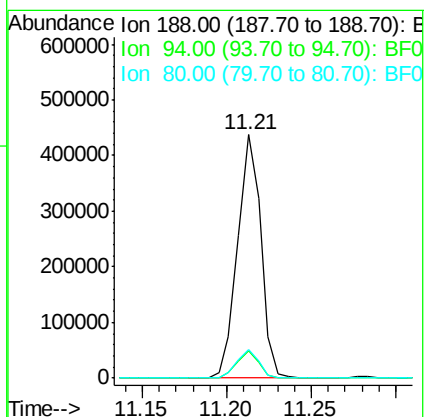
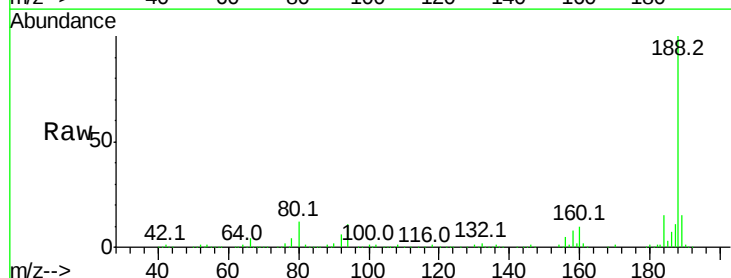
Instrument :
 BNA_F
 ClientSampleId :

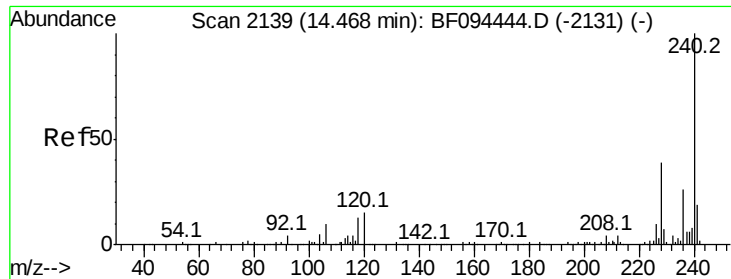
Tot Ion:165 Resp: 25262
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 1.8 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Tgt Ion:188 Resp: 419927
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 11.5 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: BF094516.D

Acq: 19 Apr 2017 15:21

Instrument :

BNA_F

ClientSampleId :

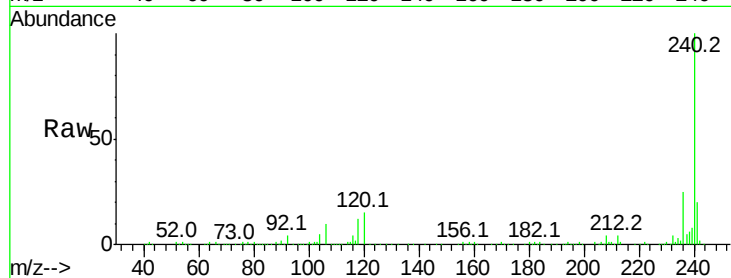
Tot Ion:240 Resp: 354615

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

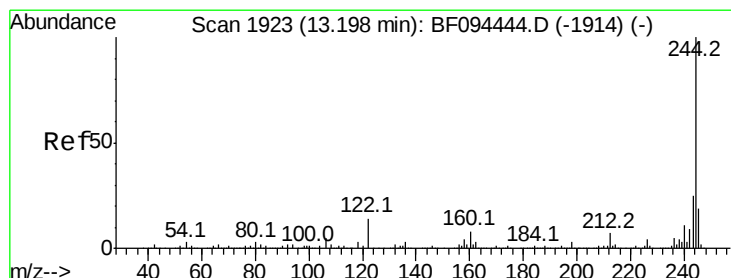
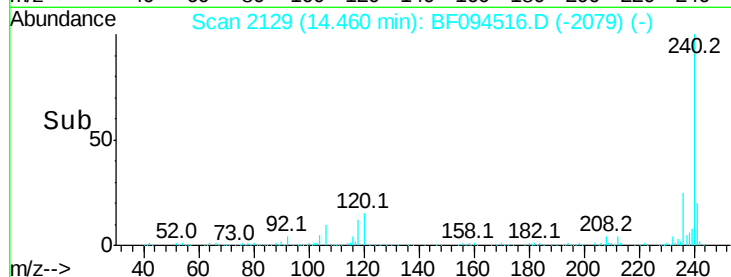
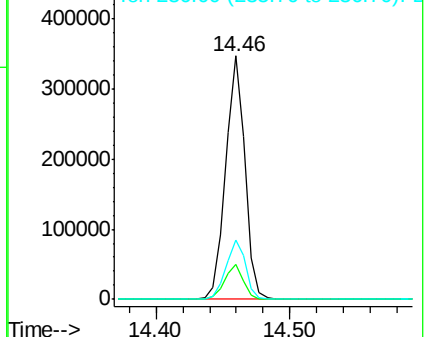
236 24.5 20.5 30.7



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: 89.67 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094516.D

Acq: 19 Apr 2017 15:21

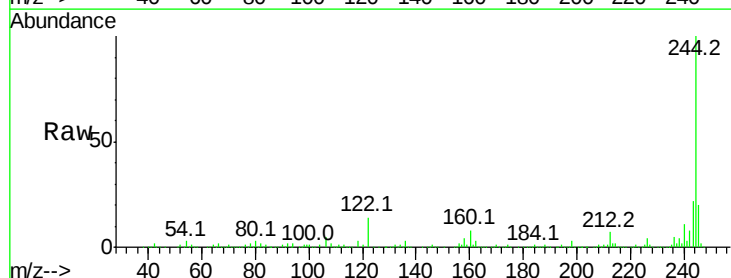
Tgt Ion:244 Resp: 1189582

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

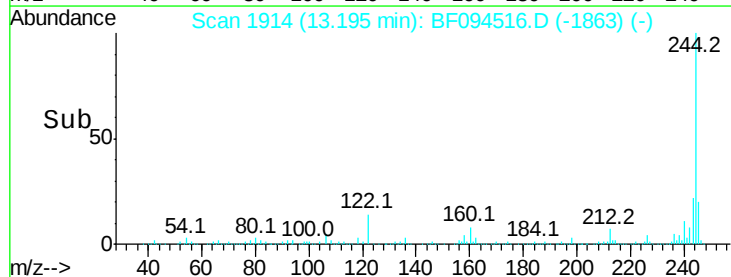
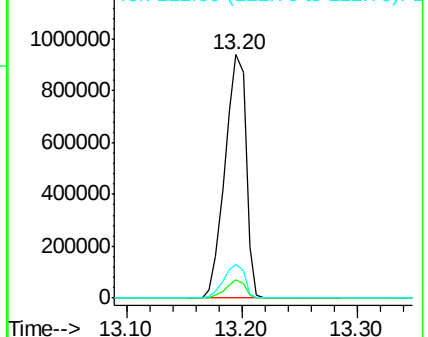
122 14.0 10.3 15.5

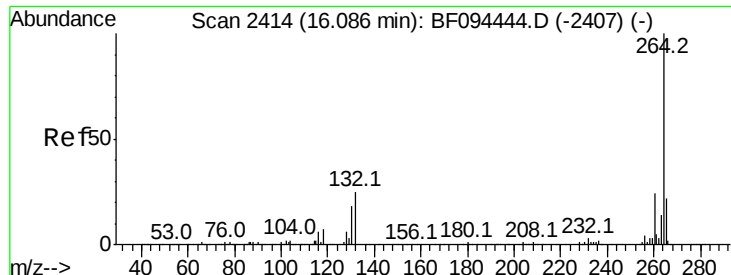


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

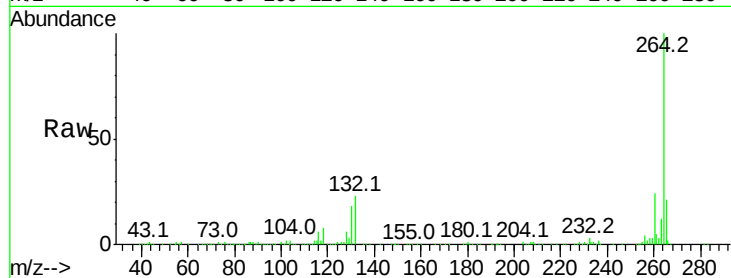




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094516.D
 Acq: 19 Apr 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8



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

