

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094504.D
 Acq On : 18 Apr 2017 23:27
 Operator : SJ/MA
 Sample : I2708-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 03:03:03 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

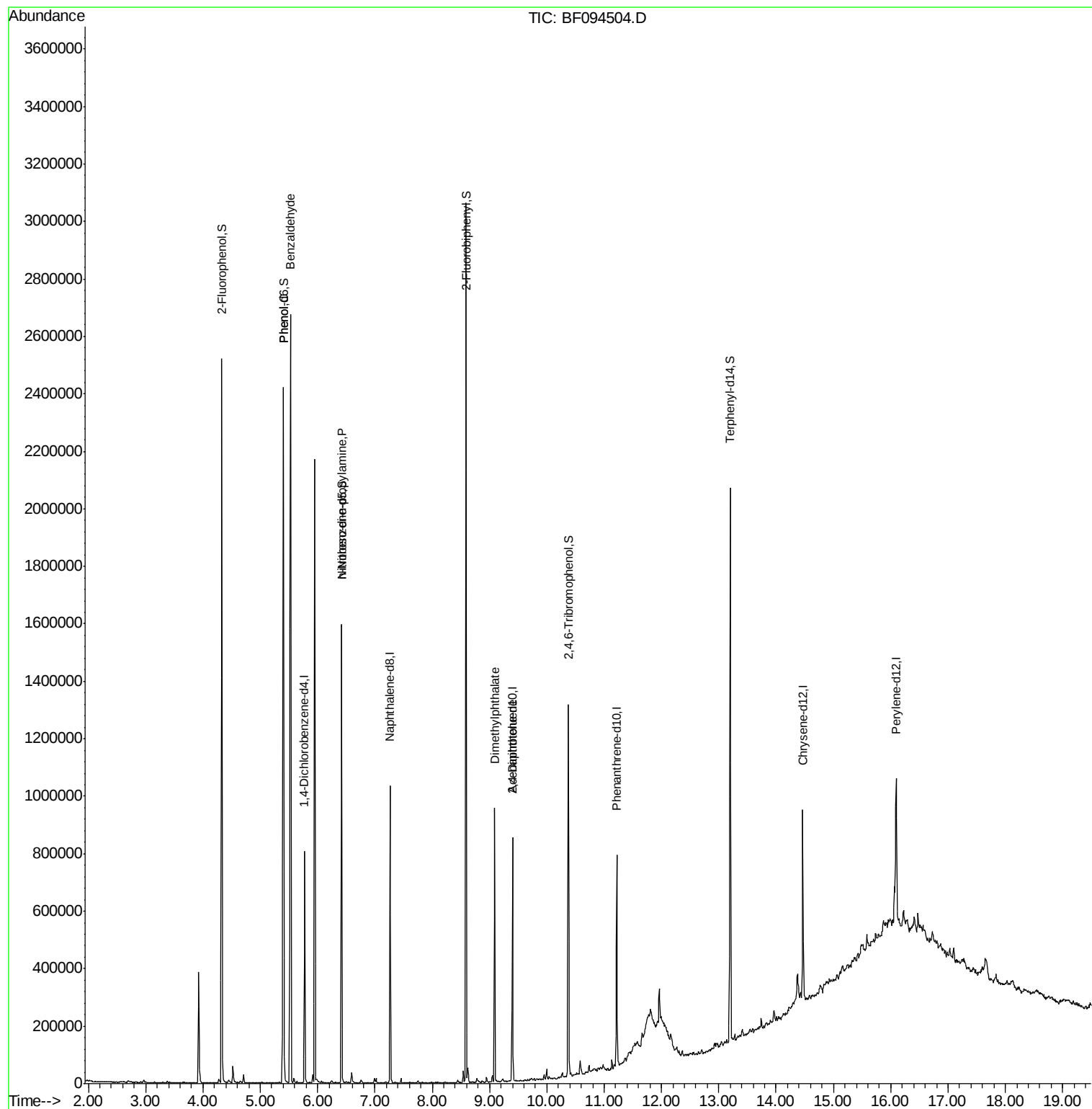
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	121420	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	459442	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	177272	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	285563	20.00	ng	0.00
75) Chrysene-d12	14.47	240	270473	20.00	ng	0.00
86) Perylene-d12	16.09	264	194795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	812364	111.00	ng	0.03
7) Phenol-d6	5.41	99	990962	114.86	ng	0.01
23) Nitrobenzene-d5	6.42	82	593505	79.77	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	157024	113.24	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1014642	84.21	ng	0.00
78) Terphenyl-d14	13.20	244	681359	67.33	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	17139	2.61	ng	Qvalue 88
10) Phenol	5.41	94	22041	2.08	ng	88
19) n-Nitroso-di-n-propylamine	6.42	70	76873	13.45	ng	# 78
49) Dimethylphthalate	9.09	163	386367	29.25	ng	99
56) 2,4-Dinitrotoluene	9.40	165	22704	6.24	ng	# 33

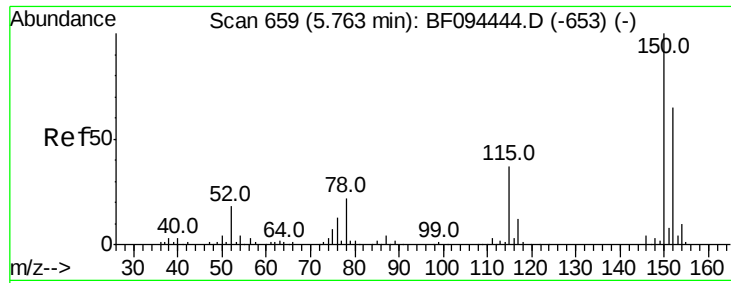
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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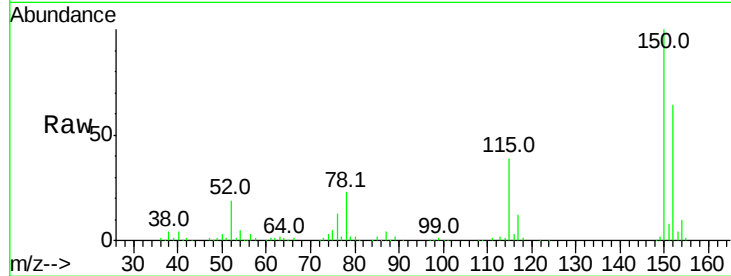


#1

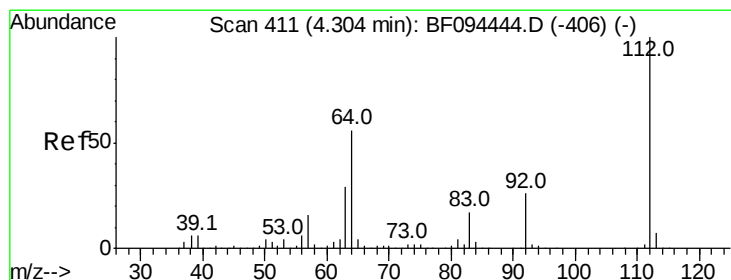
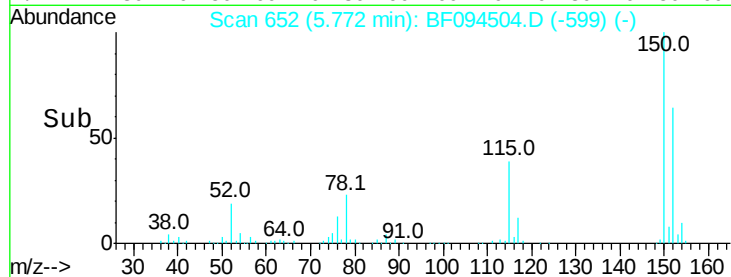
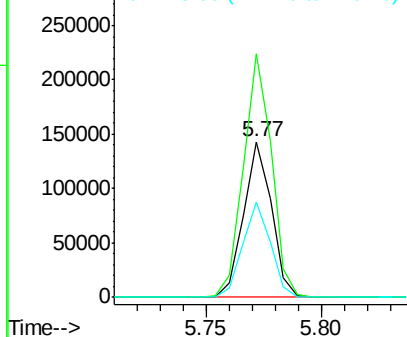
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094504.D
Acq: 18 Apr 2017 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121420
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 61.5 52.2 78.2



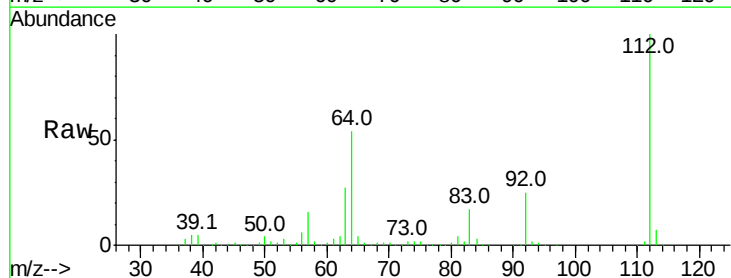
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



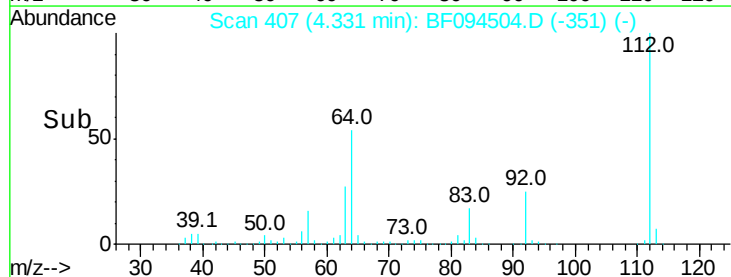
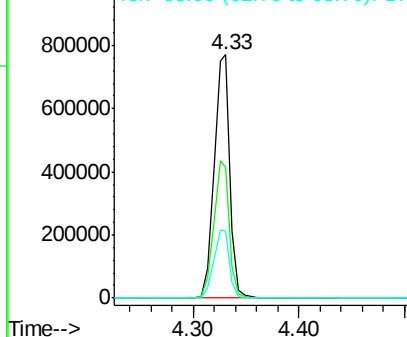
#5

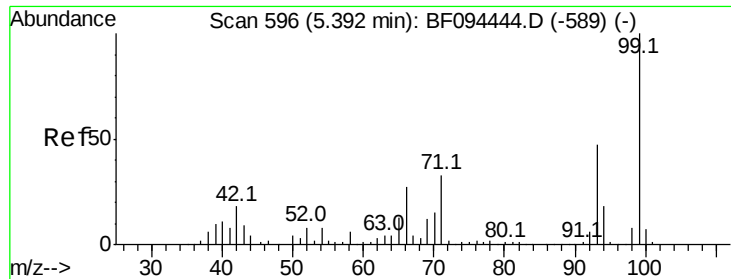
2-Fluorophenol
Concen: 111.00 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094504.D
Acq: 18 Apr 2017 23:27

Tgt Ion:112 Resp: 812364
Ion Ratio Lower Upper
112 100
64 54.0 46.0 69.0
63 27.3 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: 114.86 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094504.D

Acq: 18 Apr 2017 23:27

Instrument :

BNA_F

ClientSampled :

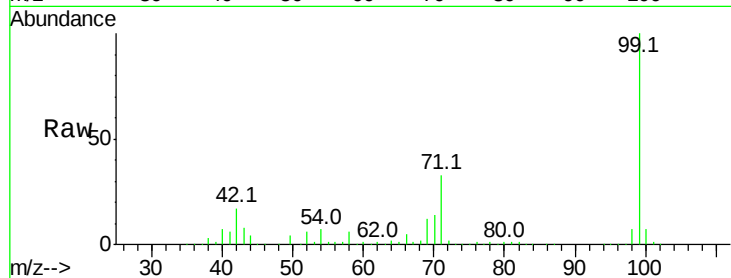
Tot Ion: 99 Resp: 990962

Ion Ratio Lower Upper

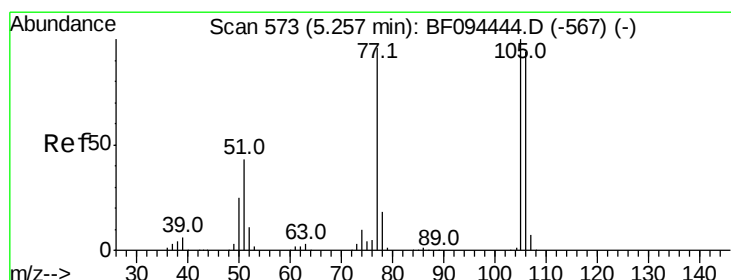
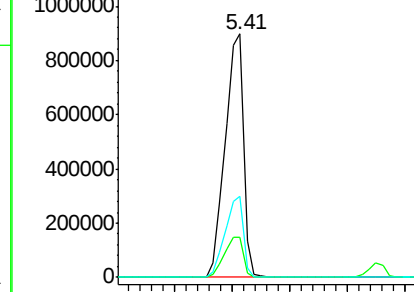
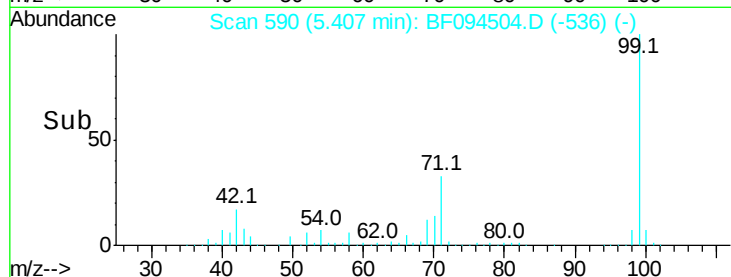
99 100

42 16.7 13.5 20.3

71 33.4 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: 2.61 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094504.D

Acq: 18 Apr 2017 23:27

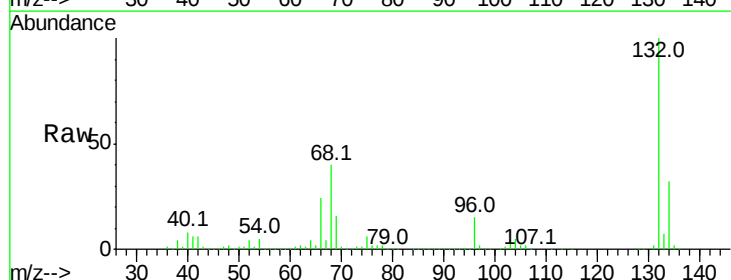
Tgt Ion: 77 Resp: 17139

Ion Ratio Lower Upper

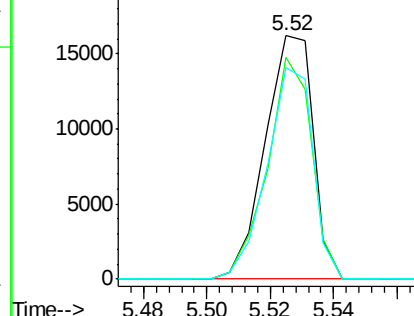
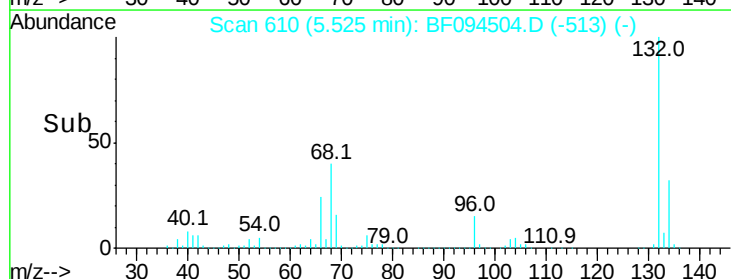
77 100

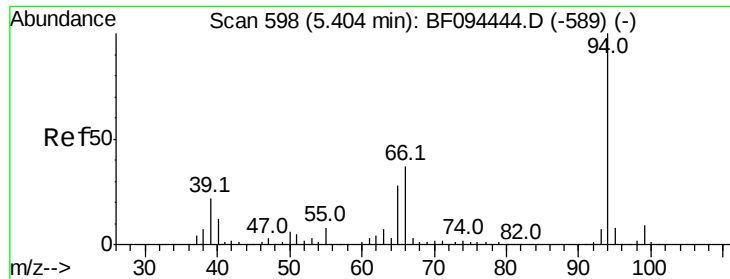
105 91.1 83.8 123.8

106 87.1 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

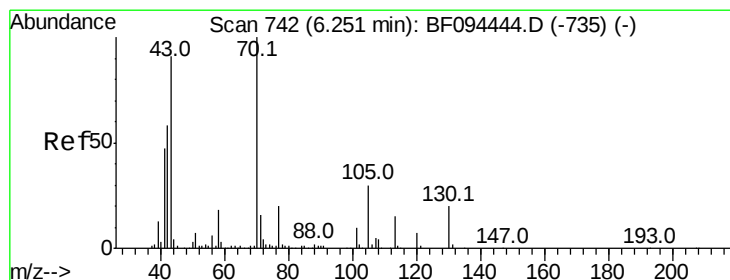
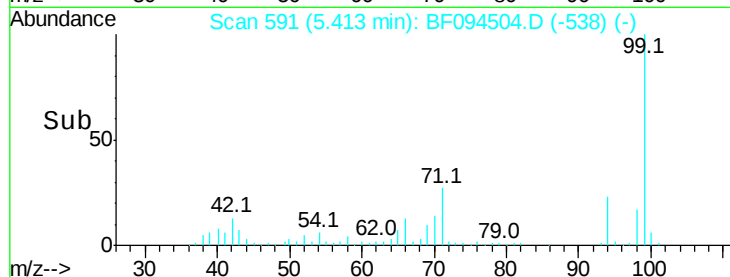
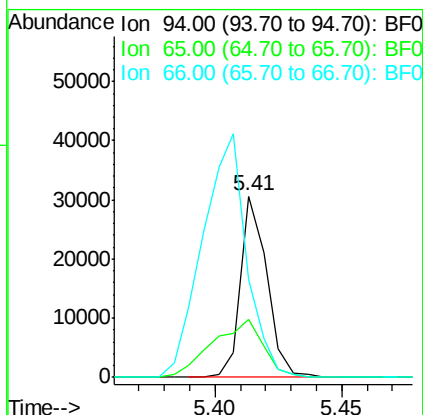
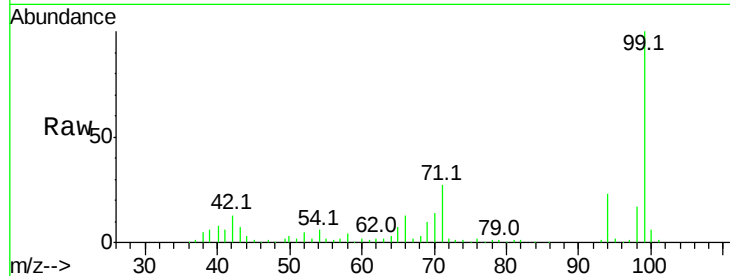




#10
Phenol
Concen: 2.08 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094504.D
Acq: 18 Apr 2017 23:27

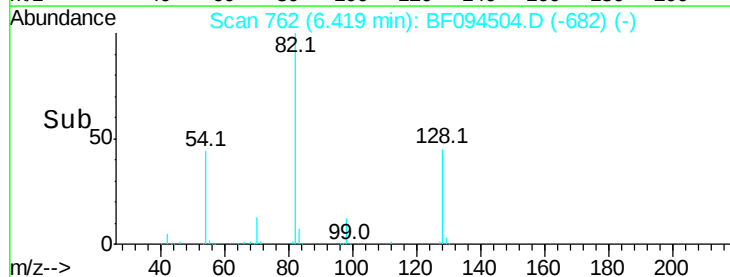
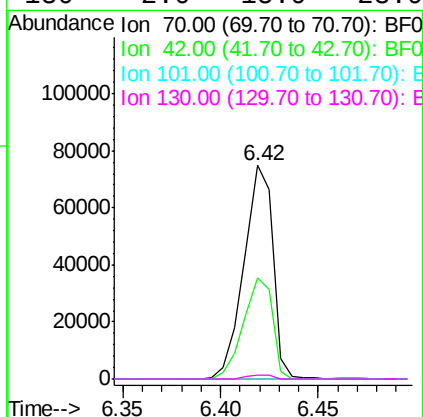
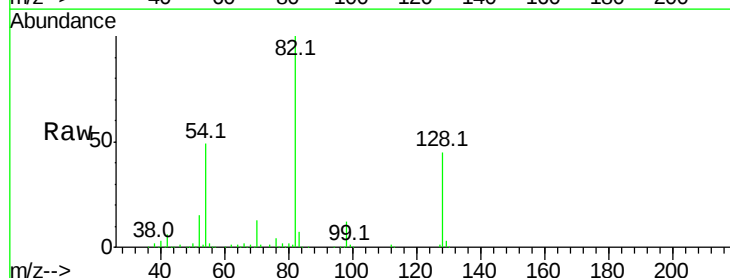
Instrument :
BNA_F
ClientSampled :

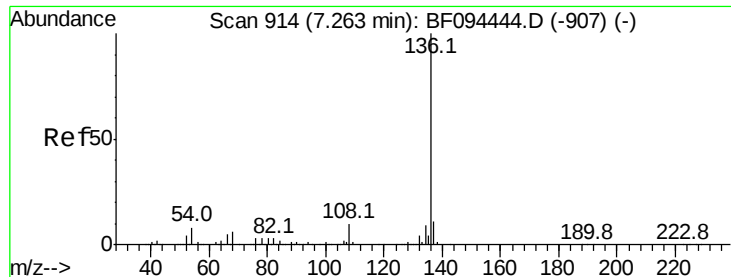
Tot Ion: 94 Resp: 22041
Ion Ratio Lower Upper
94 100
65 31.9 9.9 49.9
66 54.1 23.1 63.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.45 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094504.D
Acq: 18 Apr 2017 23:27

Tgt Ion: 70 Resp: 76873
Ion Ratio Lower Upper
70 100
42 47.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094504.D

Acq: 18 Apr 2017 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 459442

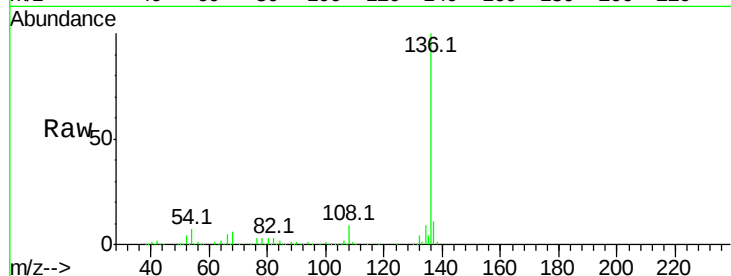
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.3 4.9 7.3

68 5.6 4.1 6.1

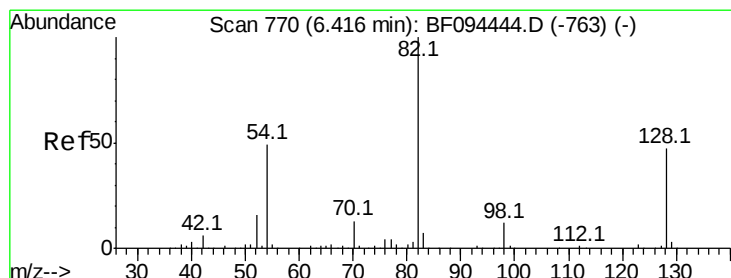
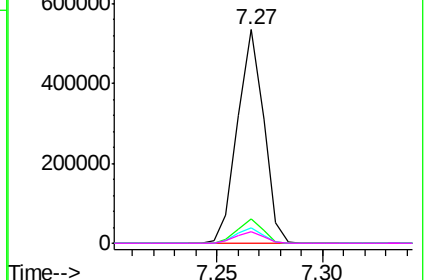
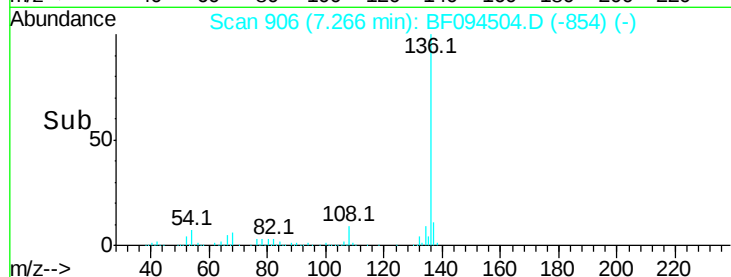


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.77 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094504.D

Acq: 18 Apr 2017 23:27

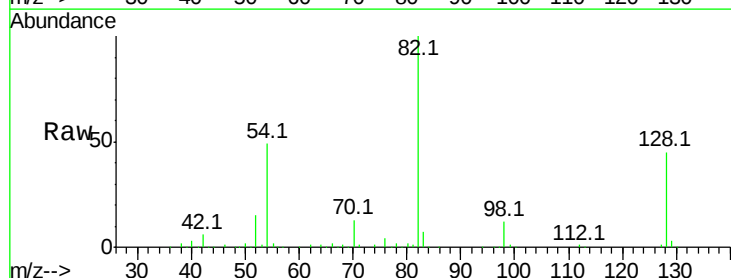
Tgt Ion: 82 Resp: 593505

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

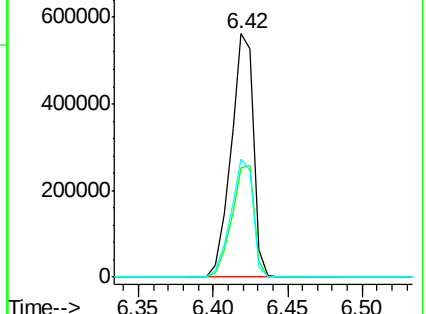
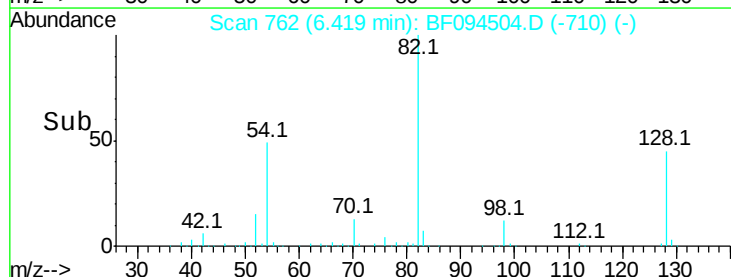
54 48.8 42.2 63.2

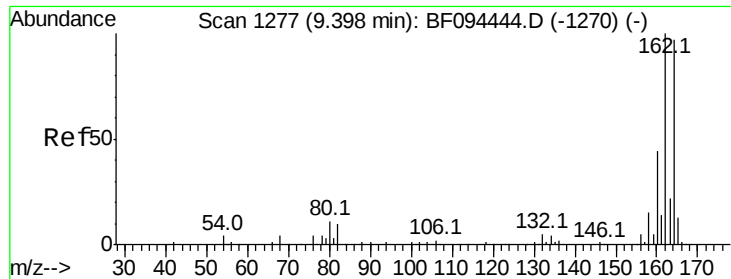


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

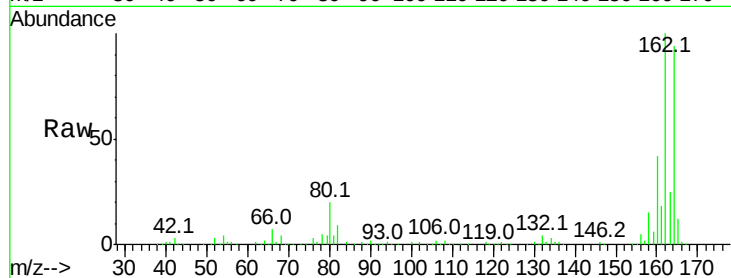




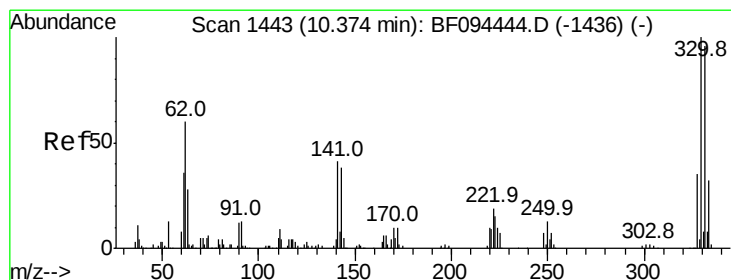
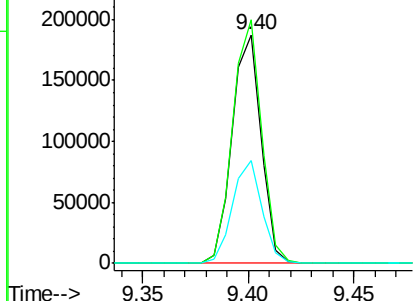
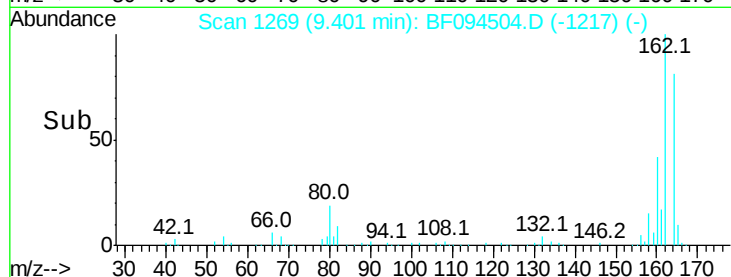
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094504.D
 Acq: 18 Apr 2017 23:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 177272
 Ion Ratio Lower Upper
 164 100
 162 106.6 82.6 123.8
 160 45.1 36.2 54.2

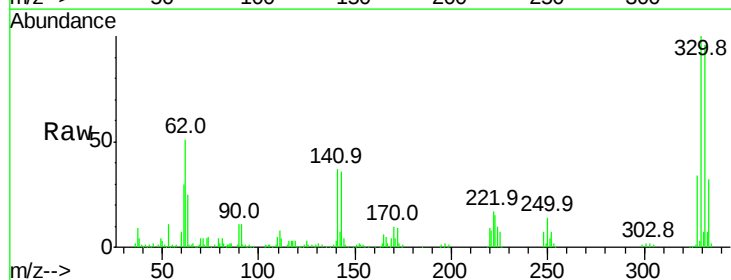


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

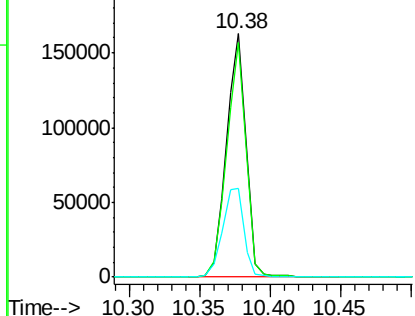
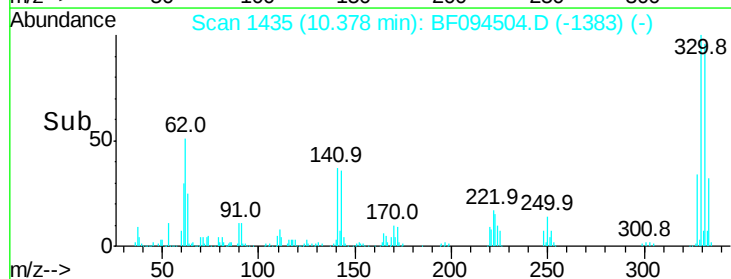


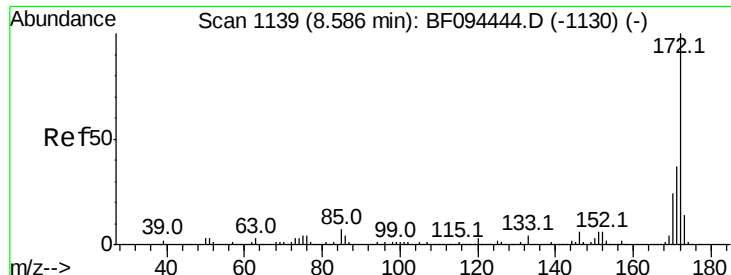
#41
 2,4,6-Tribromophenol
 Concen: 113.24 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094504.D
 Acq: 18 Apr 2017 23:27

Tgt Ion:330 Resp: 157024
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 40.0 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



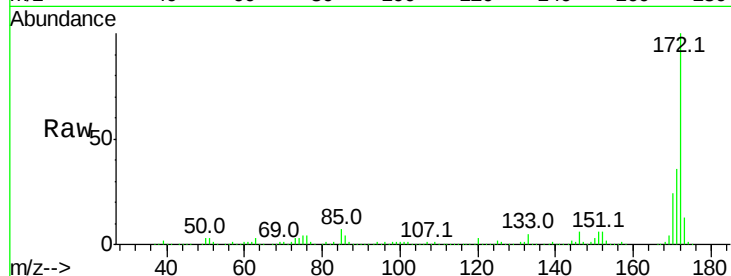


#44
 2-Fluorobiphenyl
 Concen: 84.21 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094504.D
 Acq: 18 Apr 2017 23:27

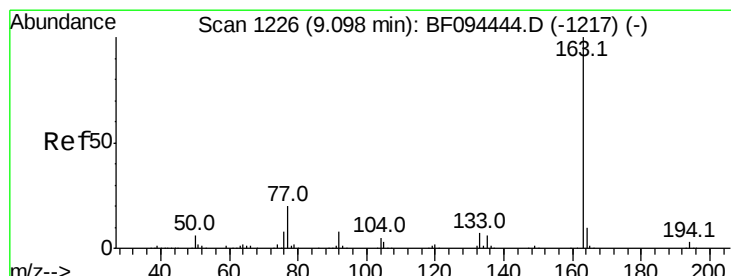
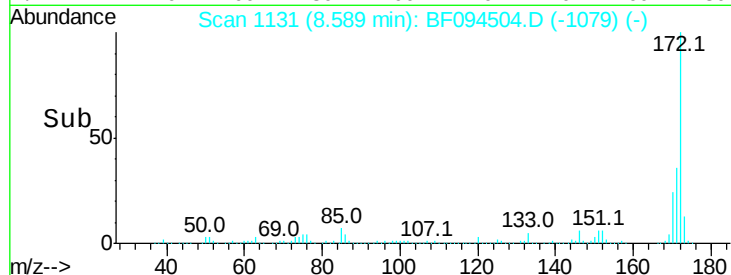
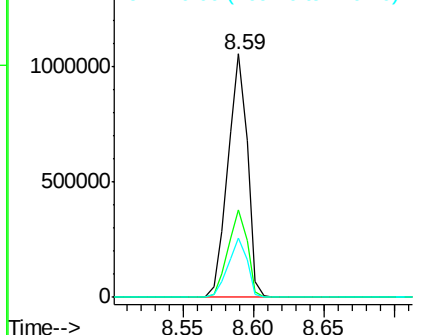
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1014642

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8



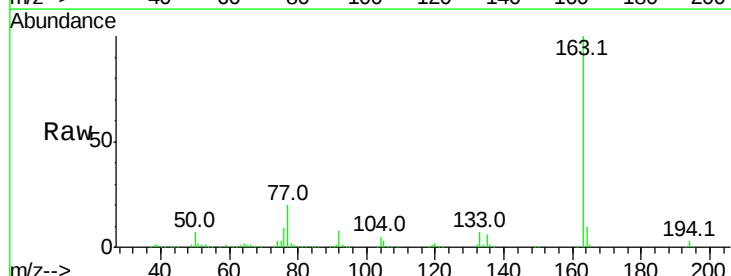
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



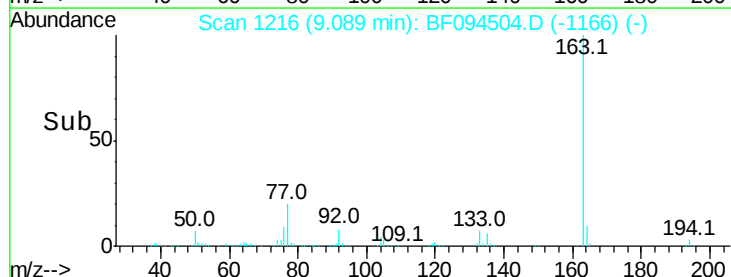
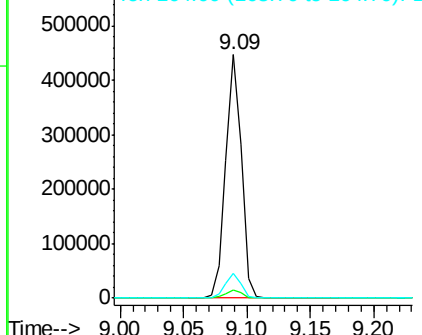
#49
 Dimethylphthalate
 Concen: 29.25 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF094504.D
 Acq: 18 Apr 2017 23:27

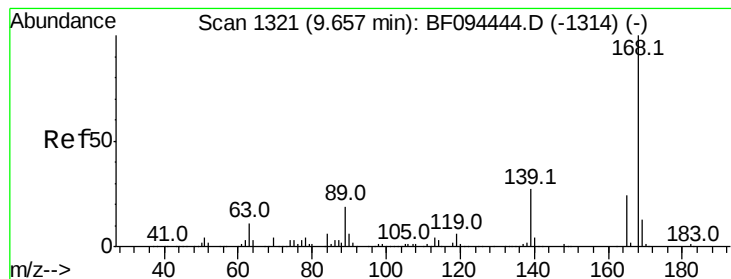
Tgt Ion:163 Resp: 386367

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6



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





#56

2,4-Dinitrotoluene

Concen: 6.24 ng

RT: 9.40 min Scan# 1269

Delta R.T. -0.26 min

Lab File: BF094504.D

Acq: 18 Apr 2017 23:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 22704

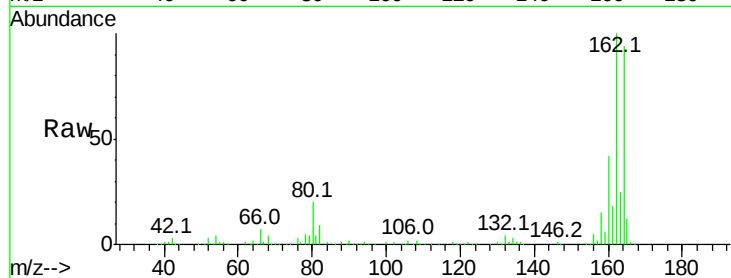
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 1.5 46.4 69.6#

182 0.0 1.8 2.6#

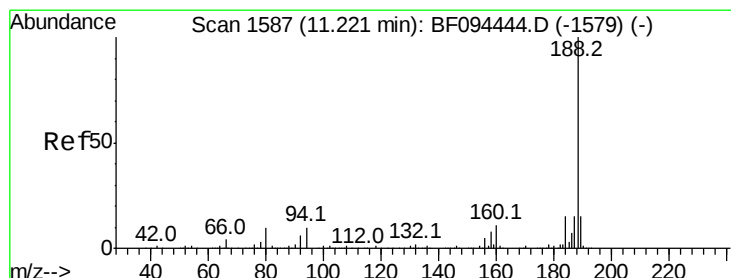
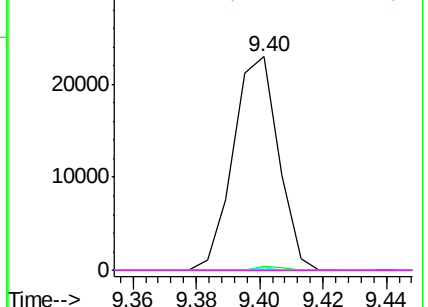
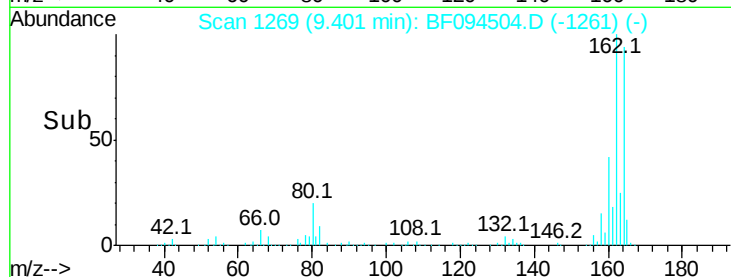


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094504.D

Acq: 18 Apr 2017 23:27

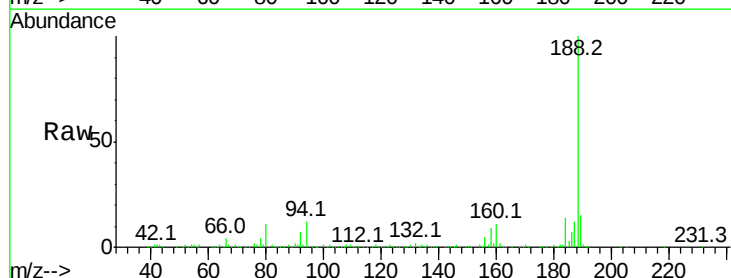
Tgt Ion:188 Resp: 285563

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

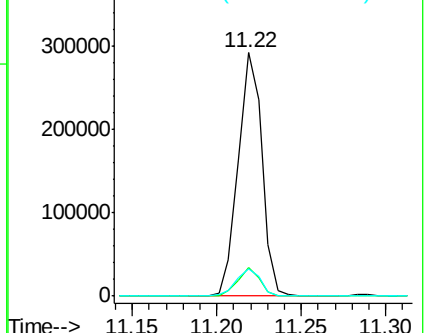
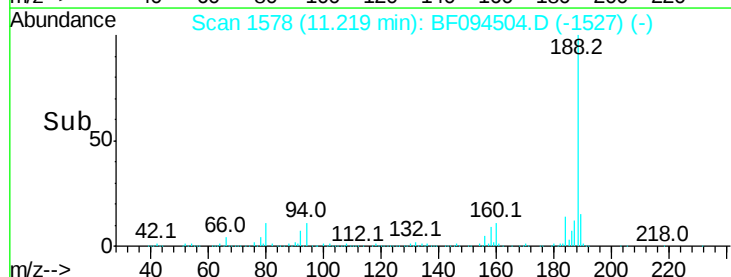
80 11.4 10.2 15.2

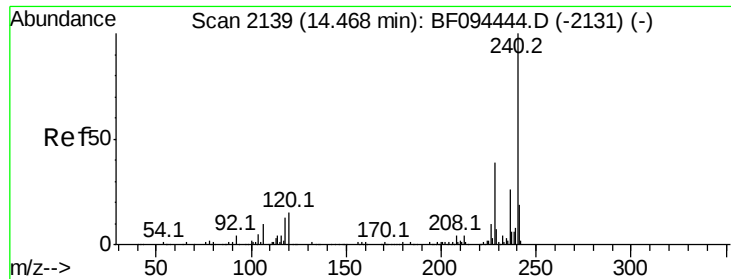


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094504.D

Acq: 18 Apr 2017 23:27

Instrument :

BNA_F

ClientSampleId :

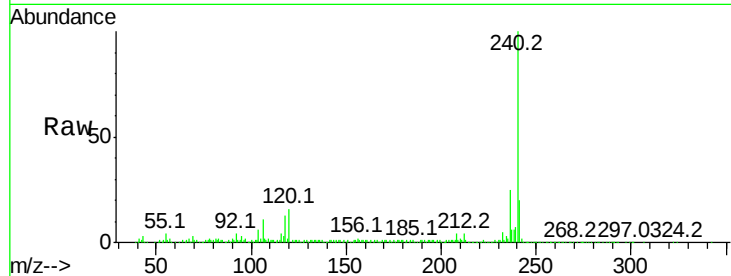
Tot Ion:240 Resp: 270473

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

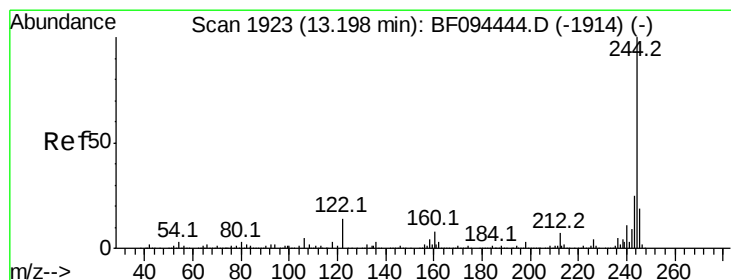
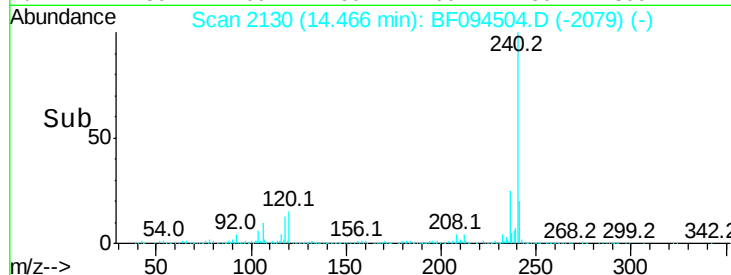
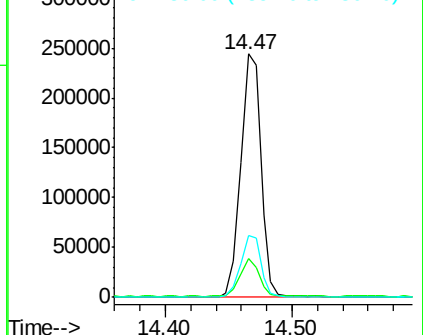
236 25.2 20.5 30.7



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: 67.33 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094504.D

Acq: 18 Apr 2017 23:27

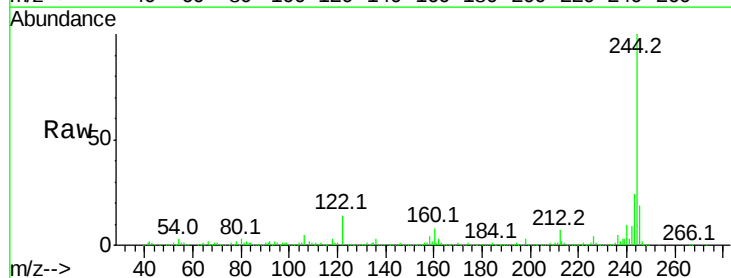
Tgt Ion:244 Resp: 681359

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

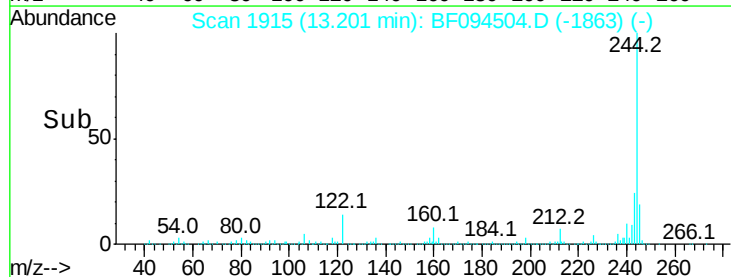
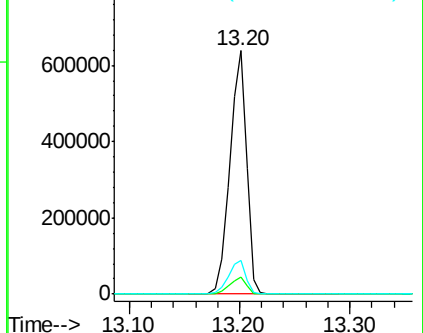
122 13.7 10.3 15.5

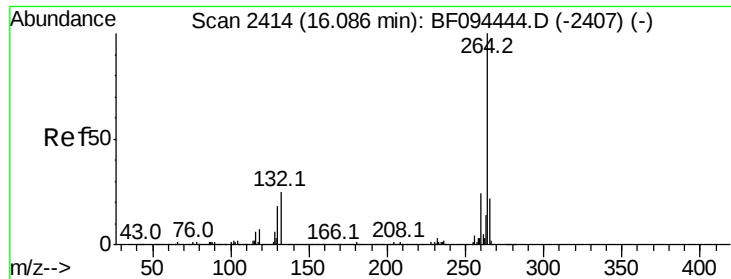


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

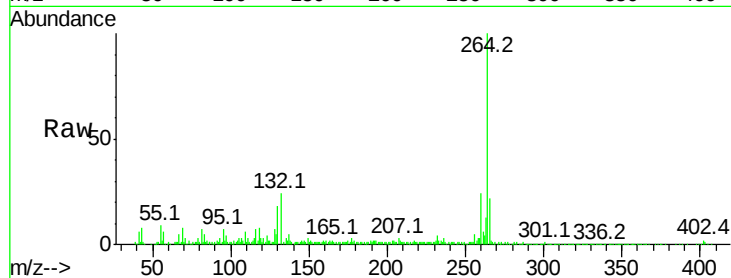




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094504.D
Acq: 18 Apr 2017 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.3	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

