

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094769.D
 Acq On : 2 May 2017 00:58
 Operator : SJ/MA
 Sample : I2916-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 04:53:57 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

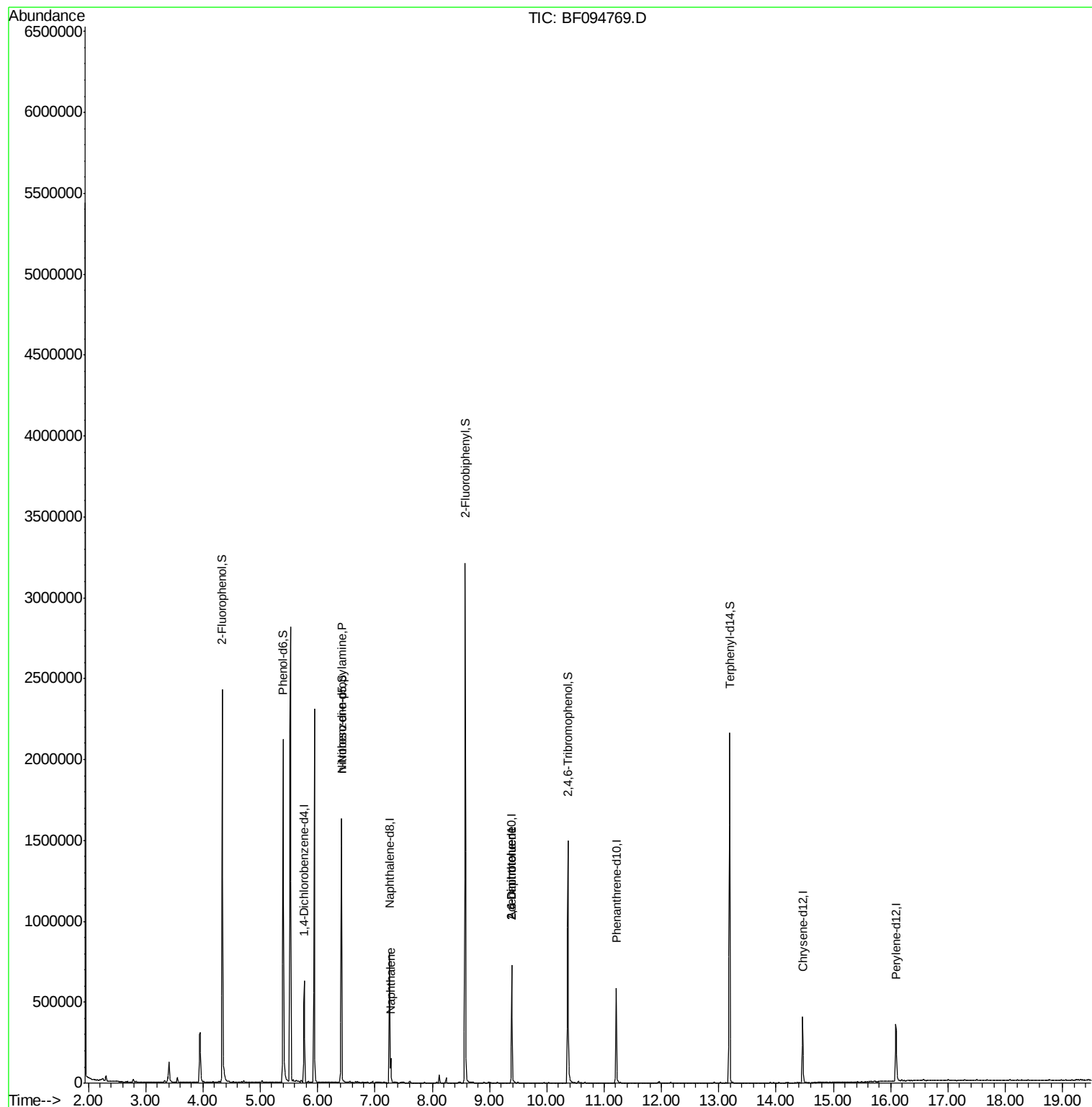
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	98103	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	384223	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	175039	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	261286	20.00	ng	0.00
75) Chrysene-d12	14.46	240	181335	20.00	ng	0.00
86) Perylene-d12	16.09	264	155121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	753806	127.48	ng	0.03
7) Phenol-d6	5.40	99	864844	124.06	ng	0.00
23) Nitrobenzene-d5	6.42	82	609149	97.90	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	200032	146.10	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1123103	94.41	ng	0.00
78) Terphenyl-d14	13.19	244	783590	115.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	79303	17.17	ng	# 76
31) Naphthalene	7.28	128	69216	3.75	ng	97
50) 2,6-Dinitrotoluene	9.38	165	21538	7.36	ng	# 31
56) 2,4-Dinitrotoluene	9.38	165	21543	6.00	ng	# 31

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

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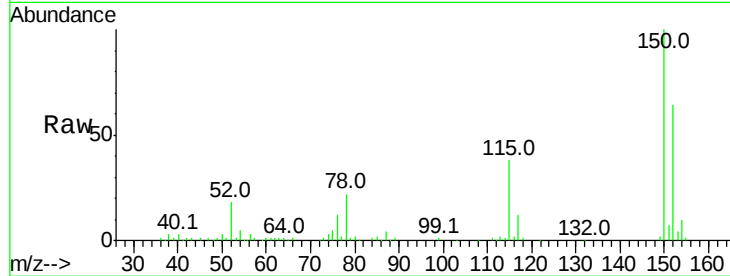


#1

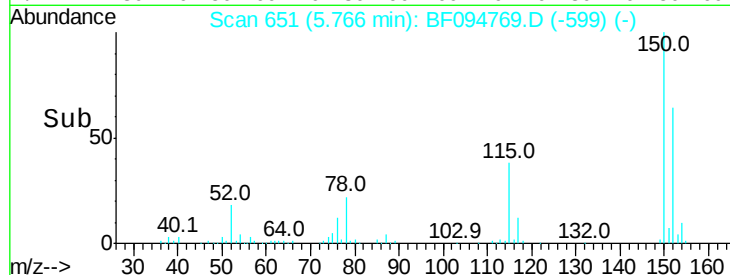
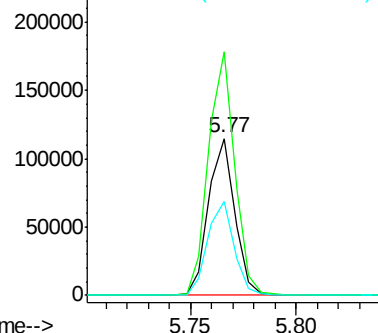
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094769.D
Acq: 2 May 2017 00:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 98103
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.7 52.2 78.2



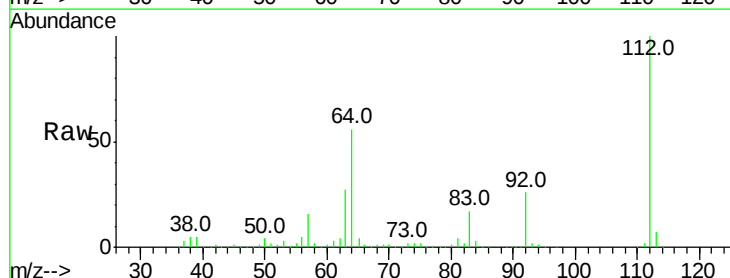
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



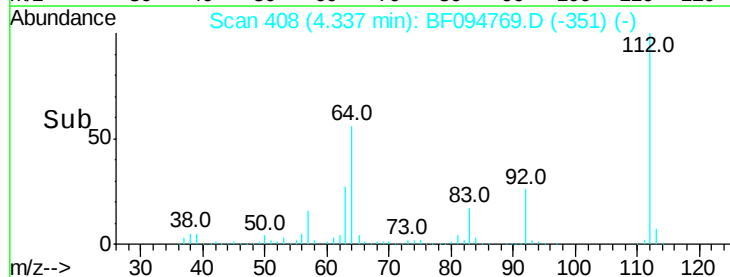
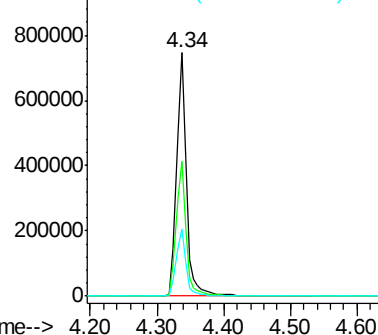
#5

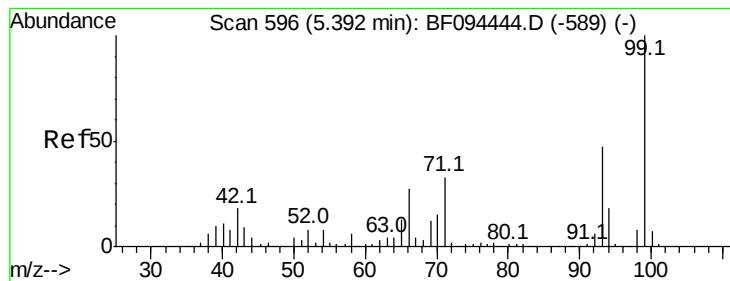
2-Fluorophenol
Concen: 127.48 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094769.D
Acq: 2 May 2017 00:58

Tgt Ion:112 Resp: 753806
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 27.5 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: 124.06 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094769.D

Acq: 2 May 2017 00:58

Instrument :

BNA_F

ClientSampled :

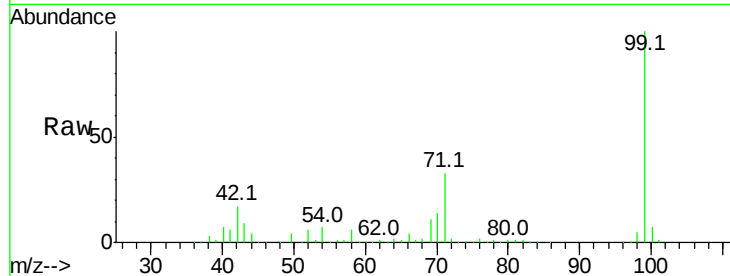
Tot Ion: 99 Resp: 864844

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

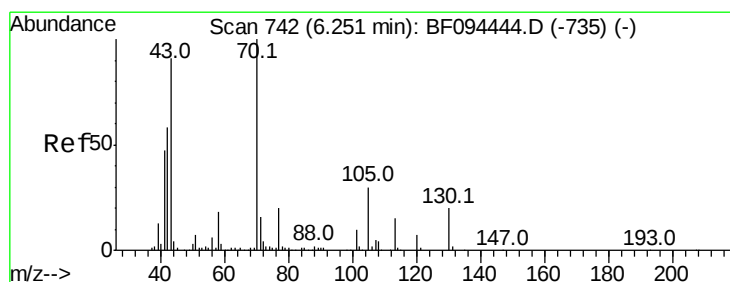
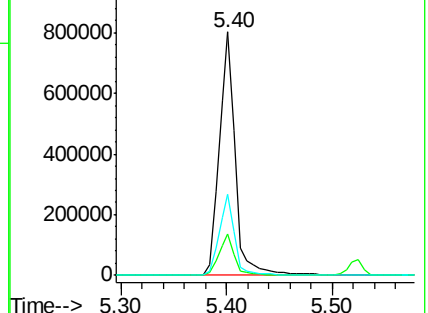
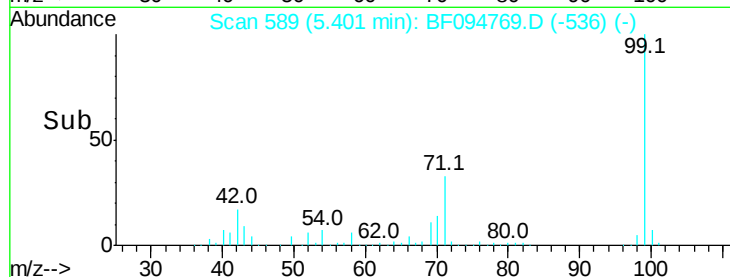
71 33.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.17 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094769.D

Acq: 2 May 2017 00:58

Tgt Ion: 70 Resp: 79303

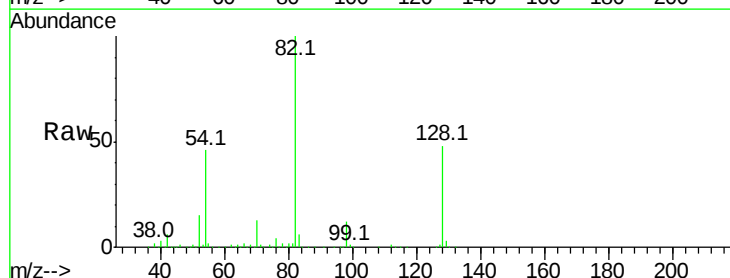
Ion Ratio Lower Upper

70 100

42 44.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

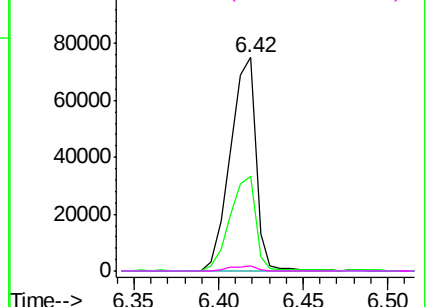
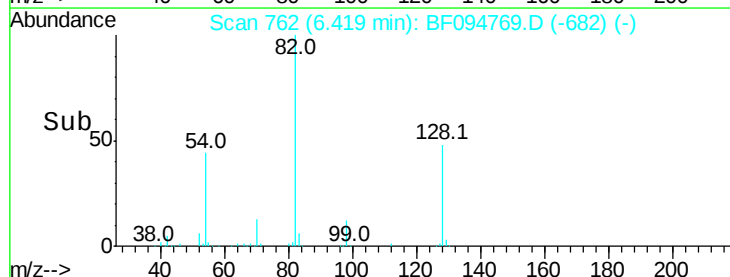


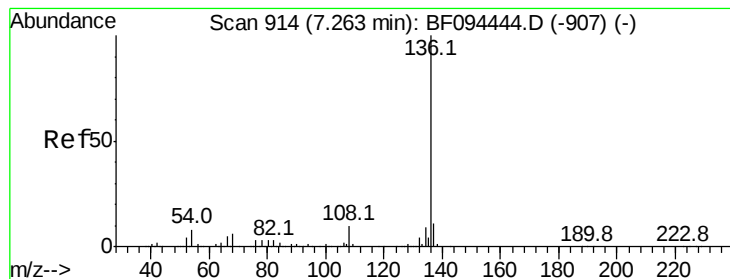
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094769.D

Acq: 2 May 2017 00:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 384223

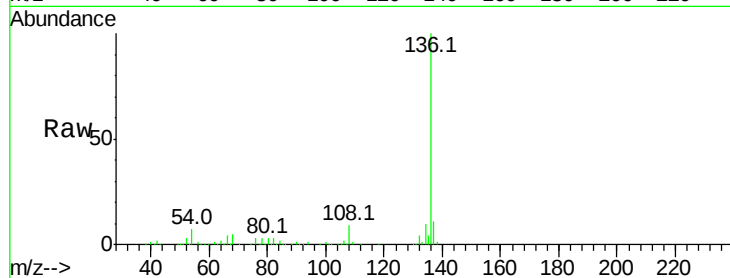
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.4 4.1 6.1

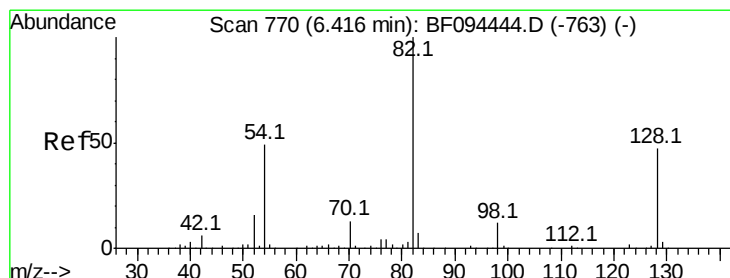
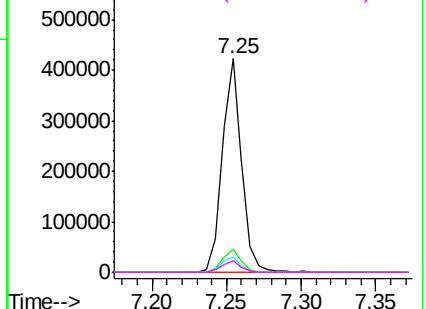
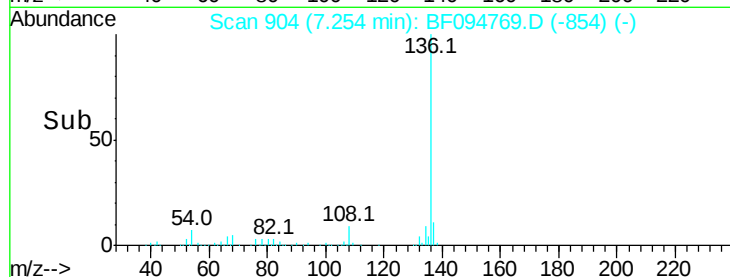


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.90 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094769.D

Acq: 2 May 2017 00:58

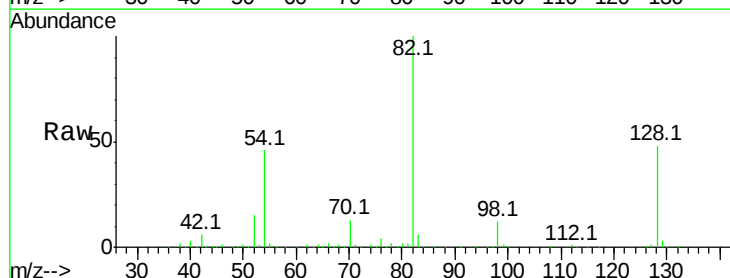
Tgt Ion: 82 Resp: 609149

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

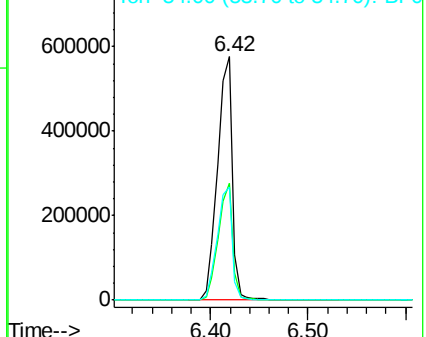
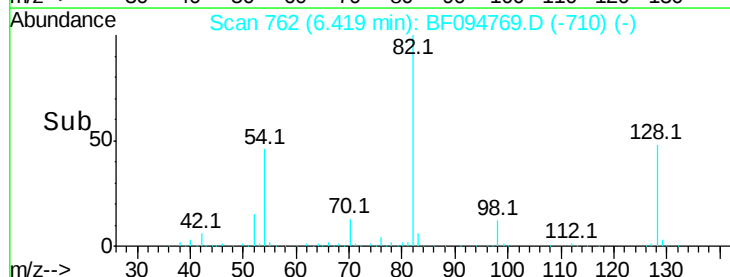
54 46.3 42.2 63.2

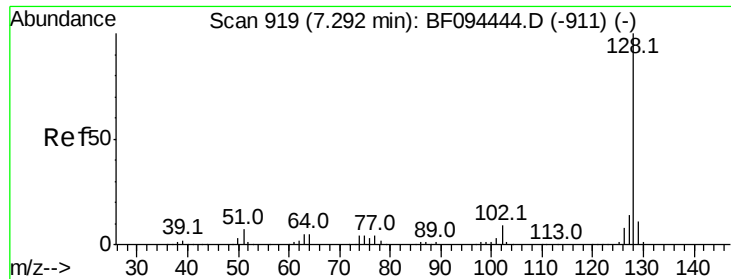


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

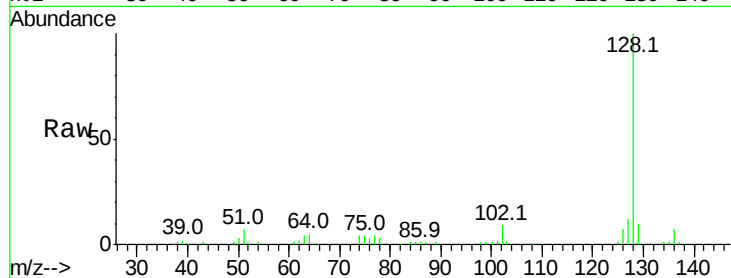




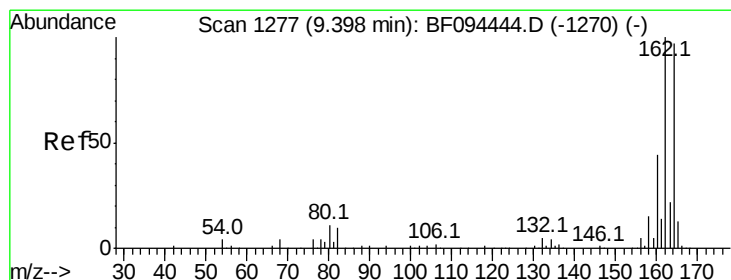
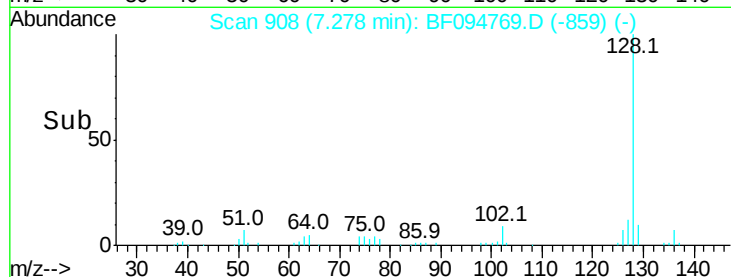
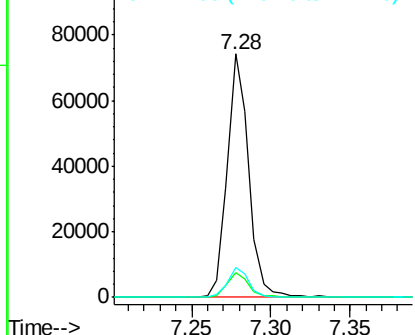
#31
Naphthalene
Concen: 3.75 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094769.D
Acq: 2 May 2017 00:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 69216
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.4 10.8 16.2

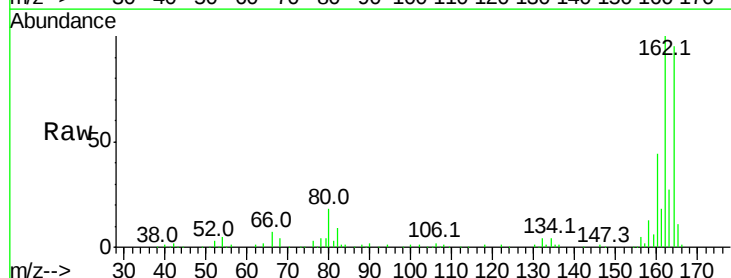


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

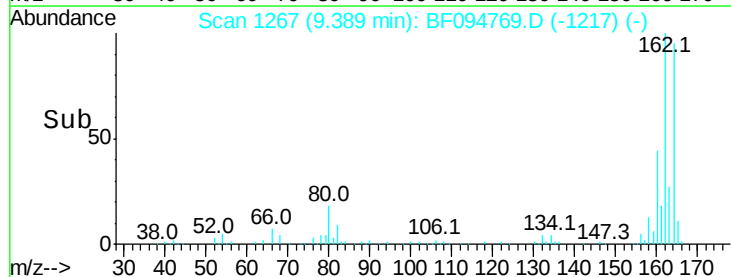
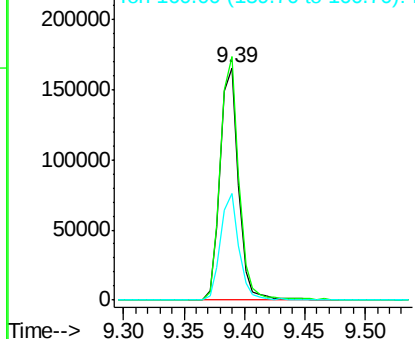


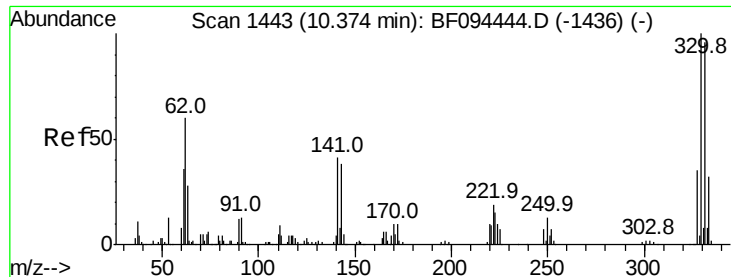
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094769.D
Acq: 2 May 2017 00:58

Tgt Ion:164 Resp: 175039
Ion Ratio Lower Upper
164 100
162 104.7 82.6 123.8
160 45.8 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

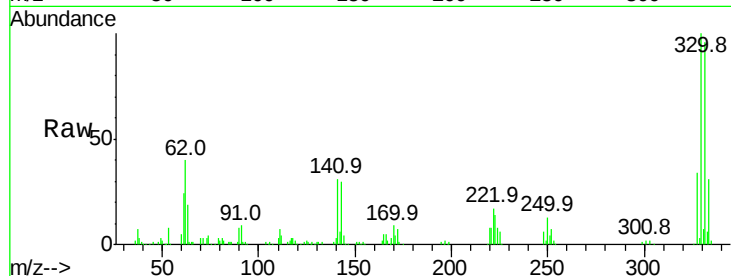




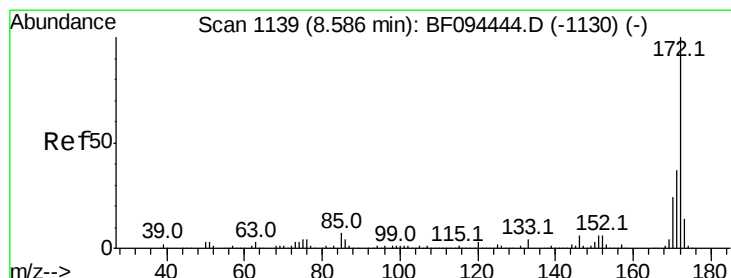
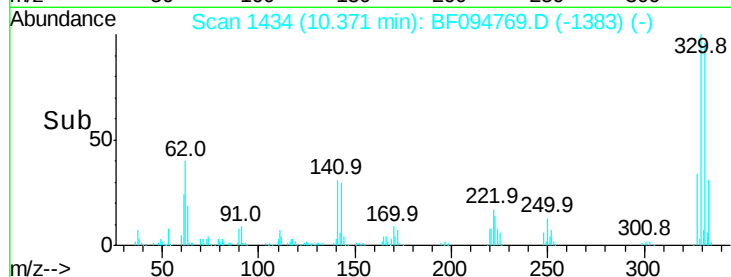
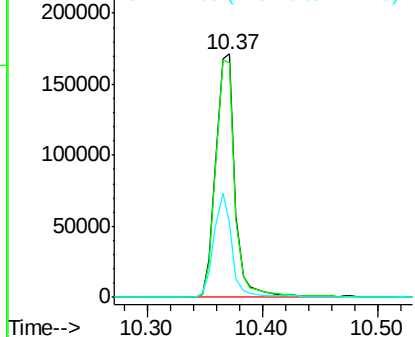
#41
 2,4,6-Tribromophenol
 Concen: 146.10 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	39.9	31.4	47.2

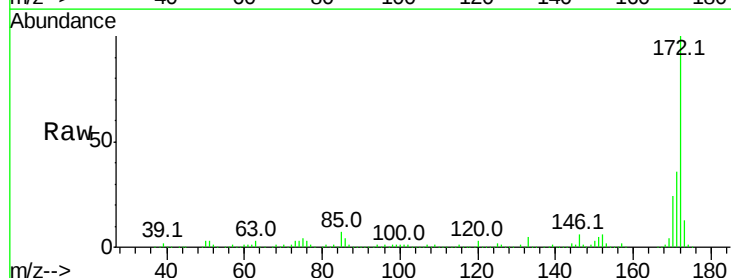


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

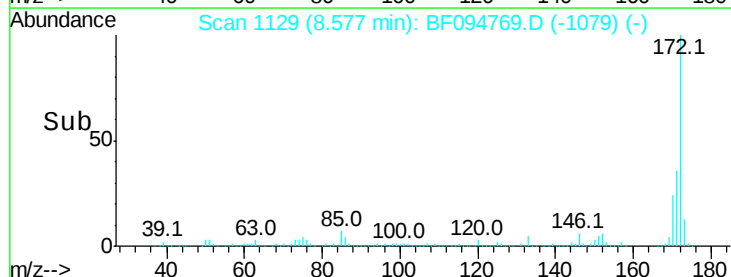
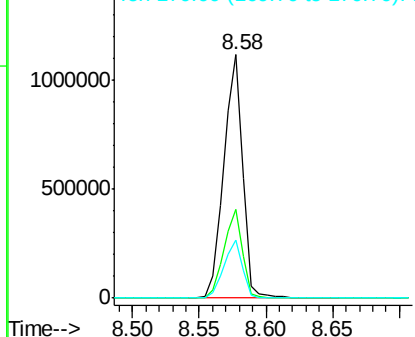


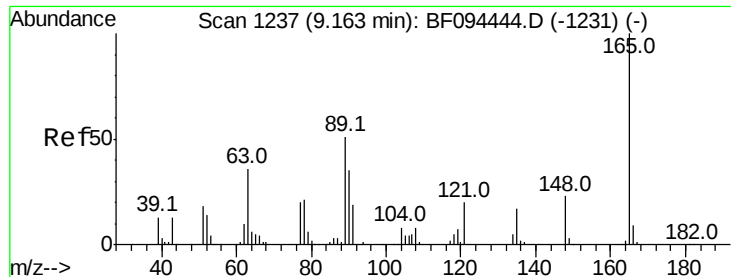
#44
 2-Fluorobiphenyl
 Concen: 94.41 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	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

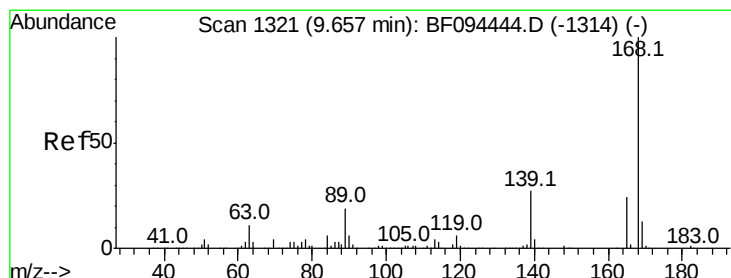
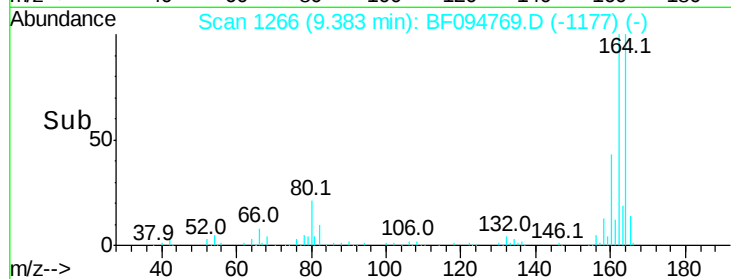
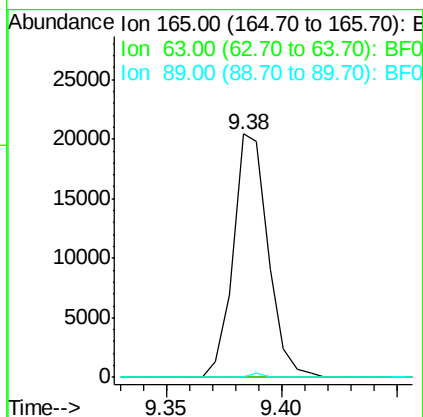
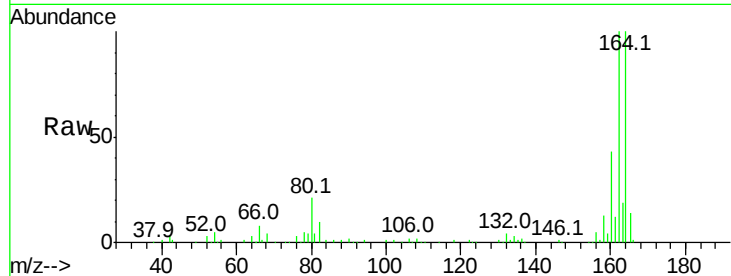




#50
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. 0.22 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

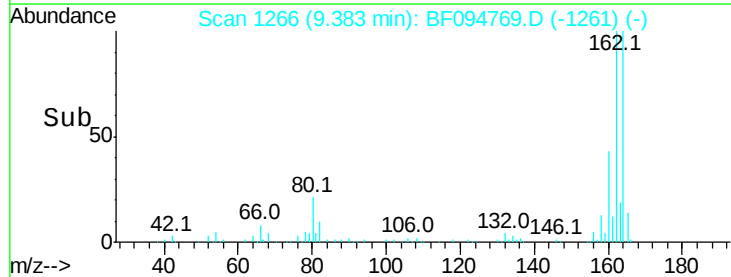
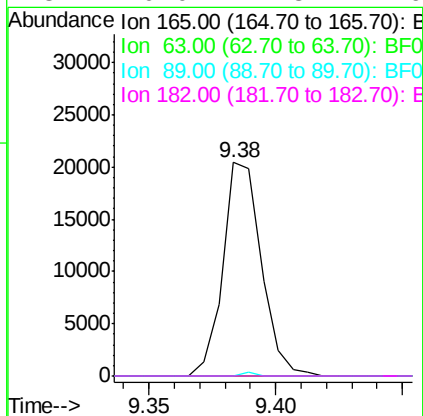
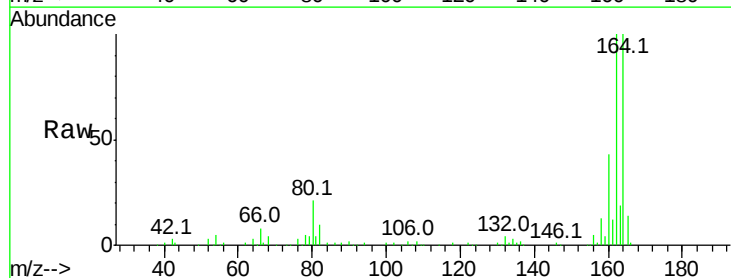
Instrument :
 BNA_F
 ClientSampleId :

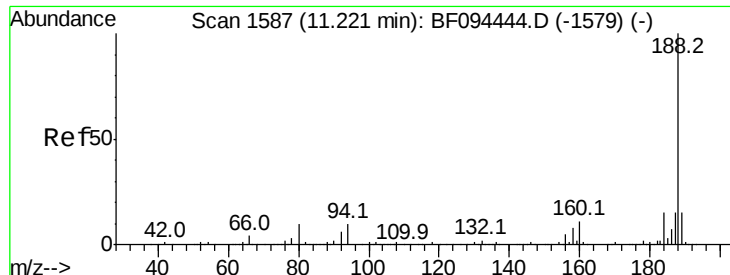
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.27 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

Tgt 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#

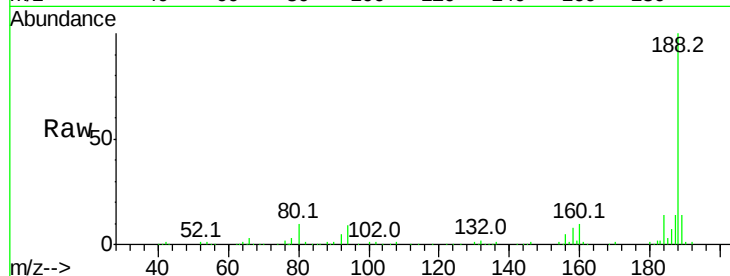




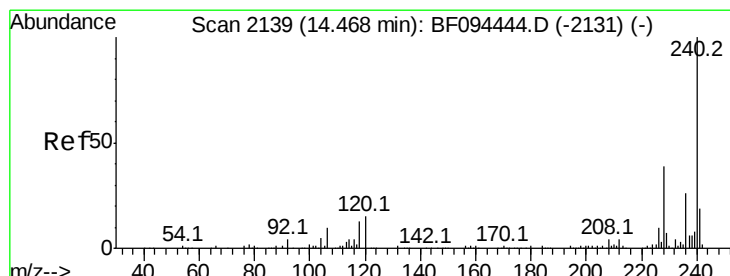
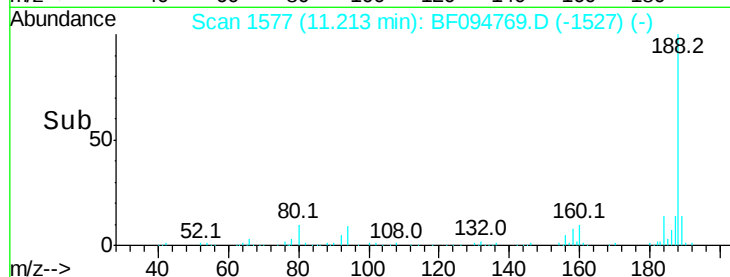
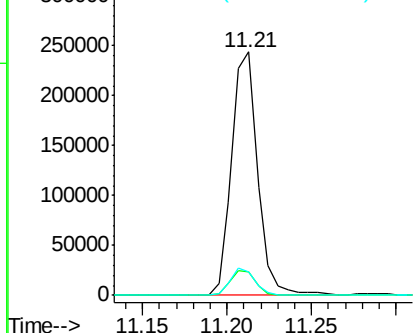
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094769.D
Acq: 2 May 2017 00:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 261286
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 9.8 10.2 15.2#

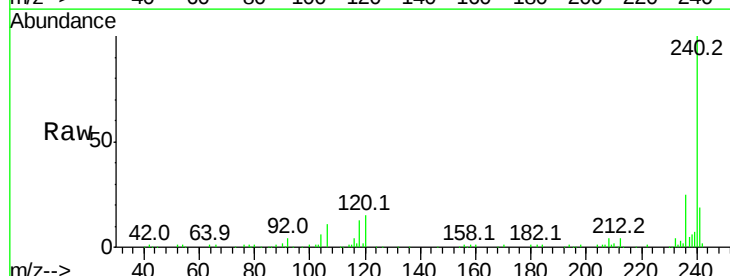


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

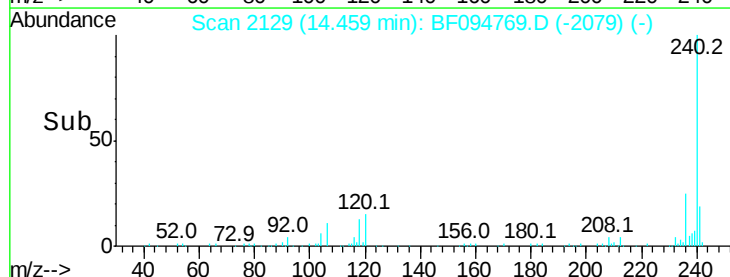
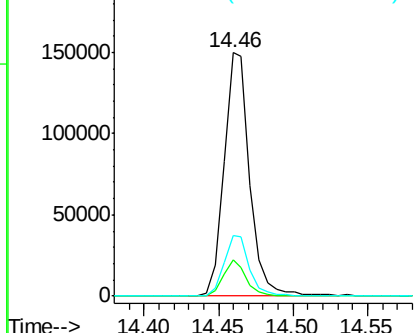


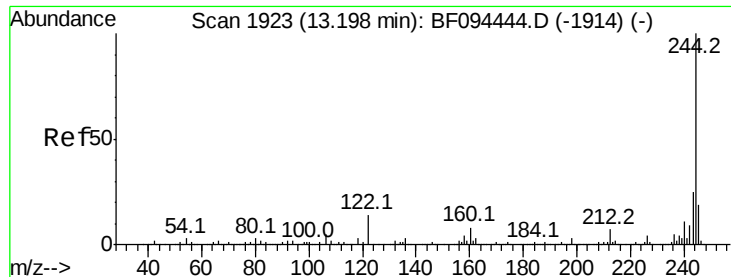
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094769.D
Acq: 2 May 2017 00:58

Tgt Ion:240 Resp: 181335
Ion Ratio Lower Upper
240 100
120 14.9 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

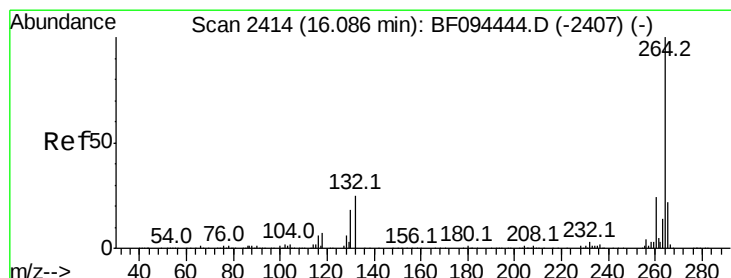
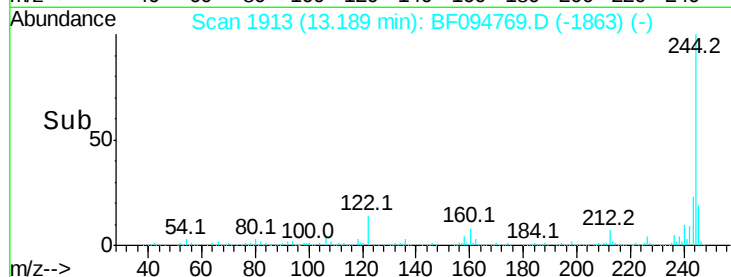
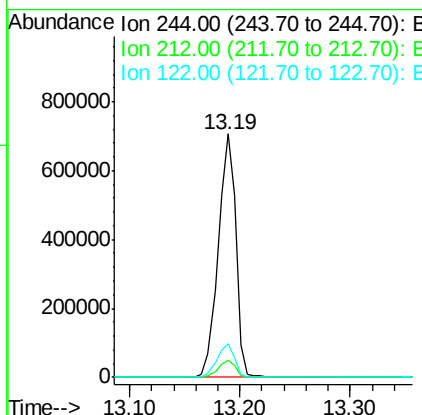
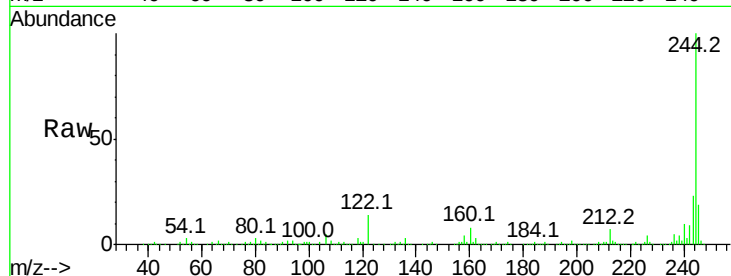




#78
 Terphenyl-d14
 Concen: 115.50 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 783590
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094769.D
 Acq: 2 May 2017 00:58

Tgt Ion:264 Resp: 155121
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.2 17.2 25.8

