

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094718.D
 Acq On : 30 Apr 2017 16:53
 Operator : SJ/MA
 Sample : I2860-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:20:56 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

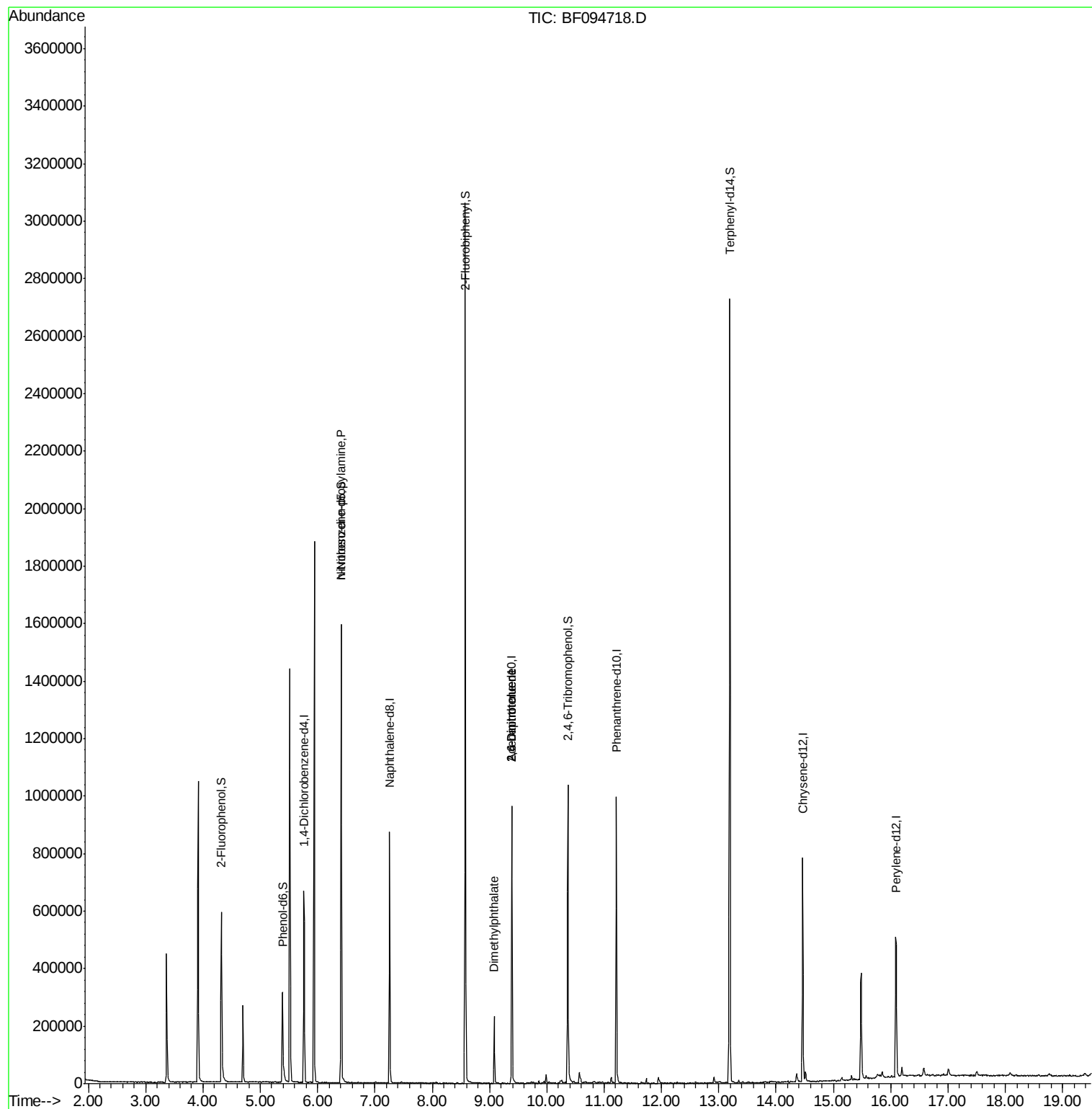
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	107453	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	433899	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	210227	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	392630	20.00	ng	0.00
75) Chrysene-d12	14.47	240	310605	20.00	ng	0.00
86) Perylene-d12	16.09	264	211945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	207676	32.07	ng	0.02
7) Phenol-d6	5.39	99	154354	20.22	ng	0.00
23) Nitrobenzene-d5	6.41	82	540662	76.94	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	132463	80.56	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1090566	76.33	ng	0.00
78) Terphenyl-d14	13.20	244	998583	85.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	69714	13.78	ng	# 75
49) Dimethylphthalate	9.08	163	107314	6.85	ng	# 98
50) 2,6-Dinitrotoluene	9.39	165	26203	7.45	ng	# 35
56) 2,4-Dinitrotoluene	9.39	165	26203	6.07	ng	# 34

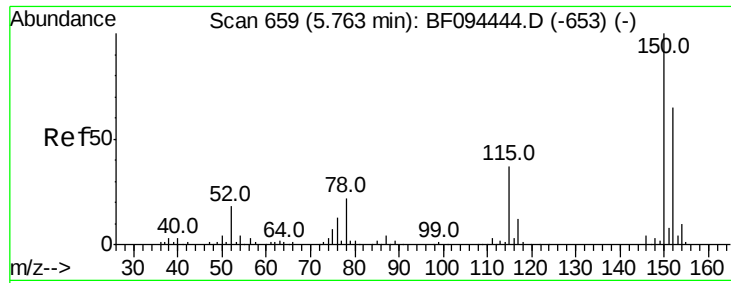
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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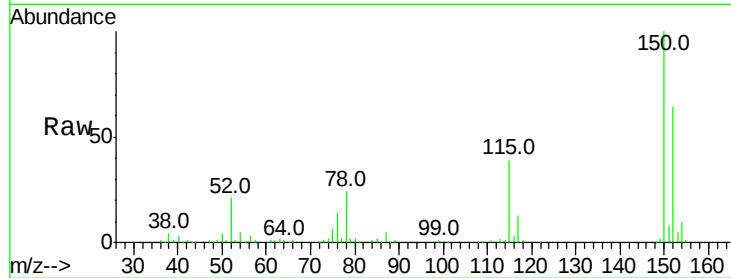


#1

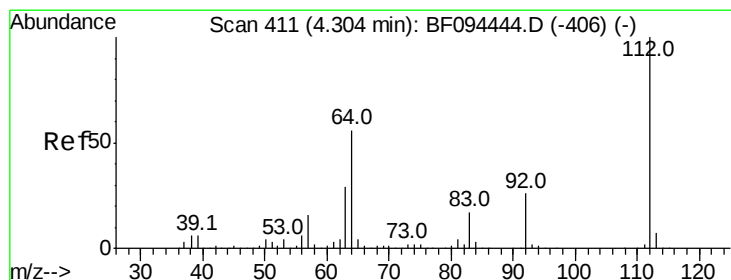
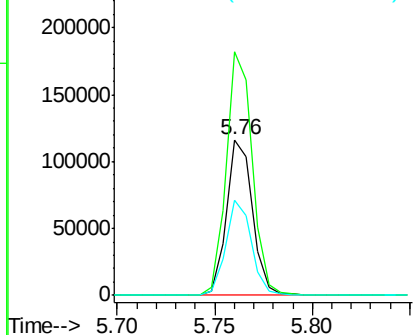
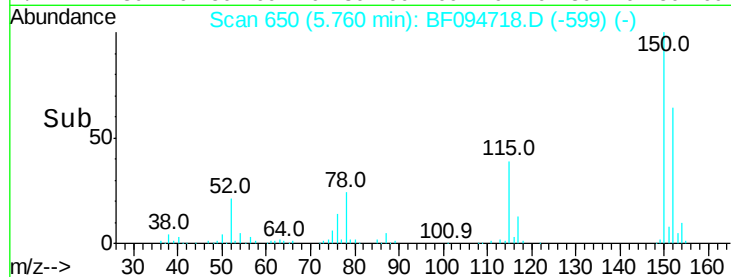
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094718.D
Acq: 30 Apr 2017 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107453
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 61.2 52.2 78.2



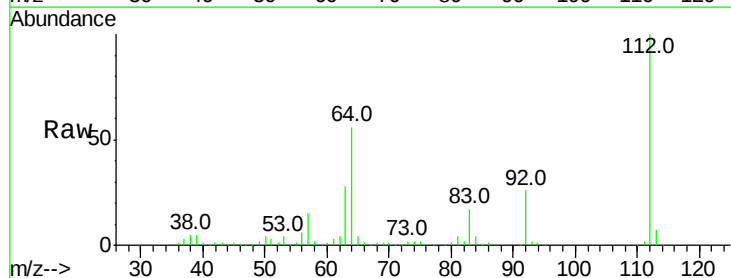
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



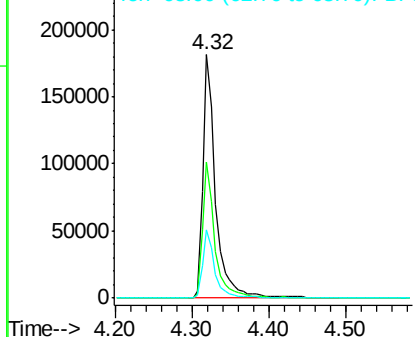
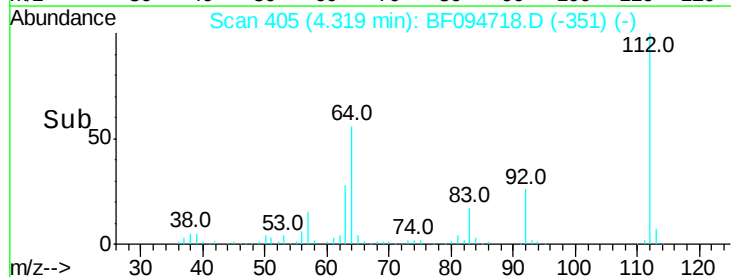
#5

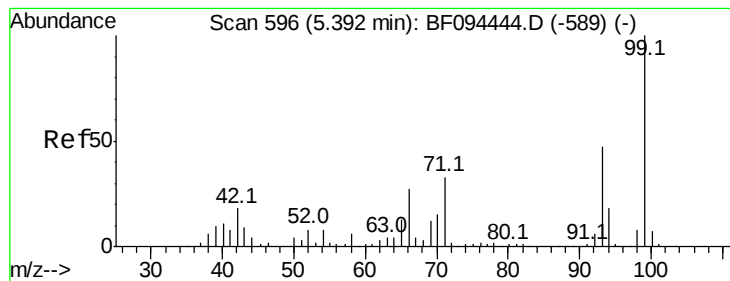
2-Fluorophenol
Concen: 32.07 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094718.D
Acq: 30 Apr 2017 16:53

Tgt Ion:112 Resp: 207676
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 27.9 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: 20.22 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094718.D

Acq: 30 Apr 2017 16:53

Instrument :

BNA_F

ClientSampleId :

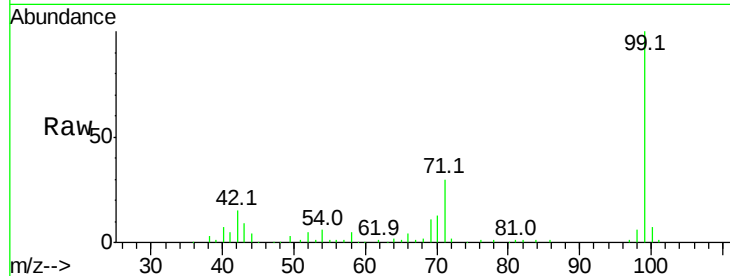
Tot Ion: 99 Resp: 154354

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

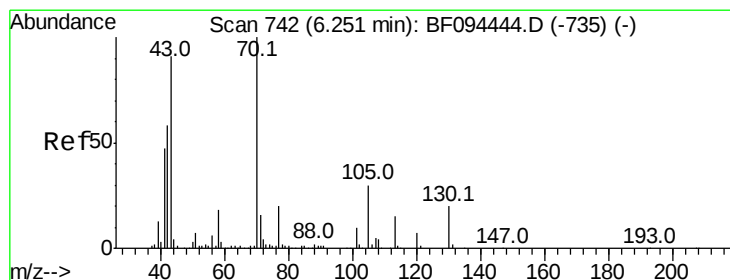
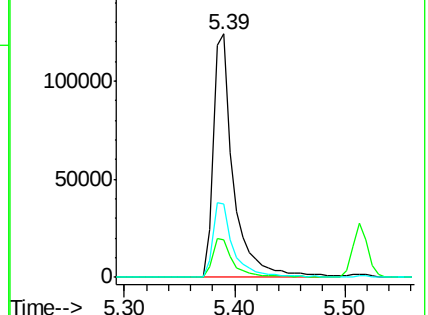
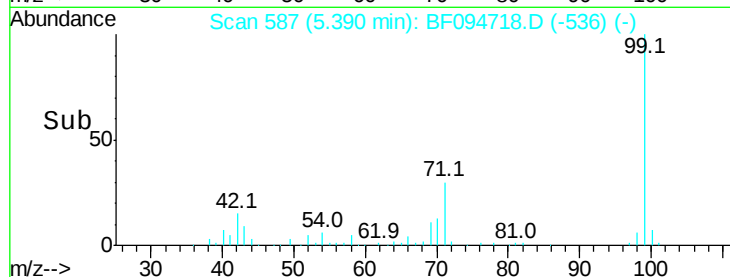
71 30.2 24.5 36.7



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: 13.78 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094718.D

Acq: 30 Apr 2017 16:53

Tgt Ion: 70 Resp: 69714

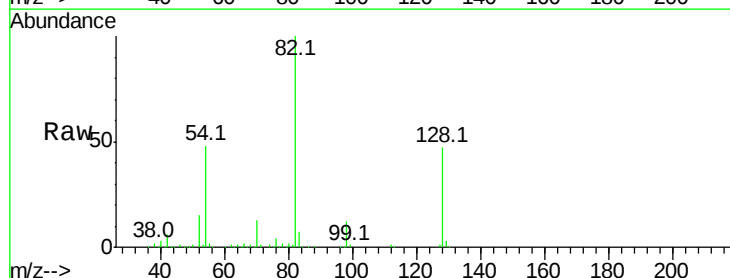
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

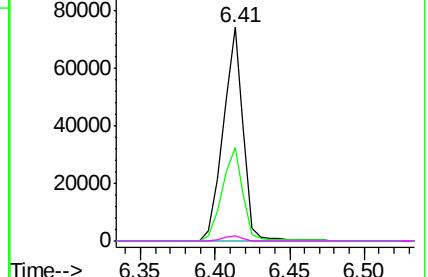
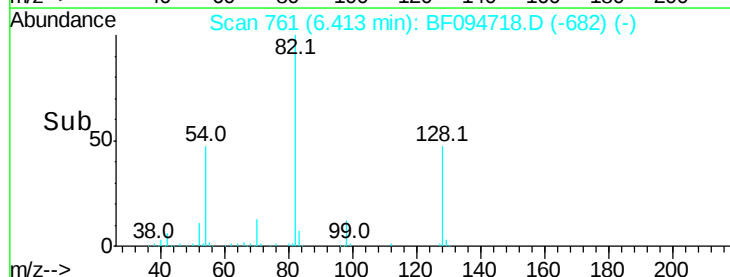


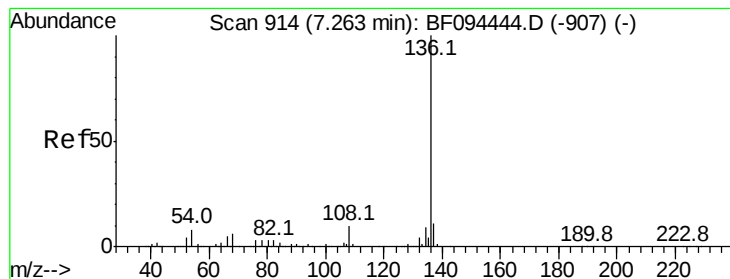
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094718.D

Acq: 30 Apr 2017 16:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 433899

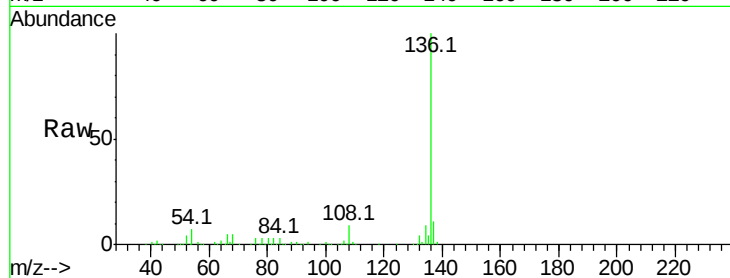
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.4 4.9 7.3#

68 5.5 4.1 6.1

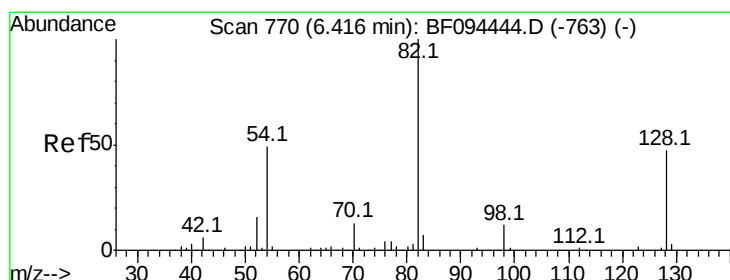
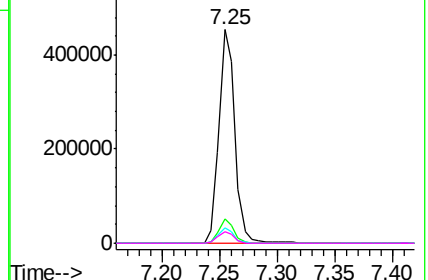
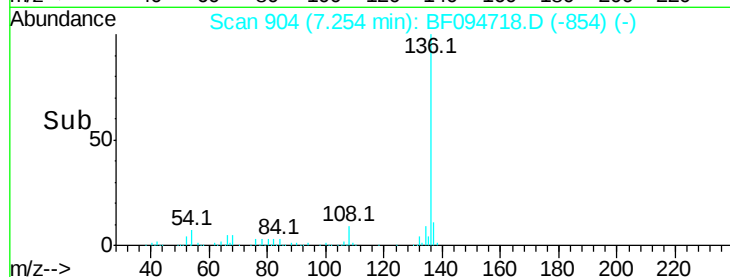


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.94 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094718.D

Acq: 30 Apr 2017 16:53

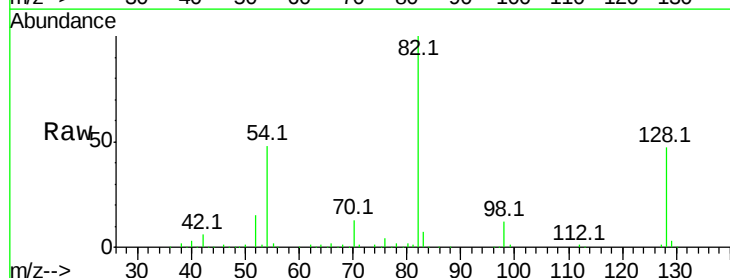
Tgt Ion: 82 Resp: 540662

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

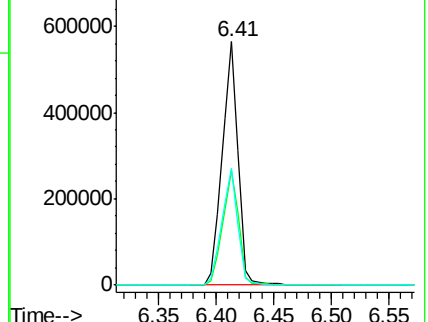
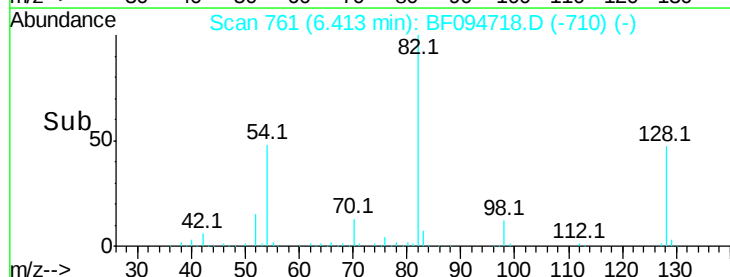
54 47.9 42.2 63.2

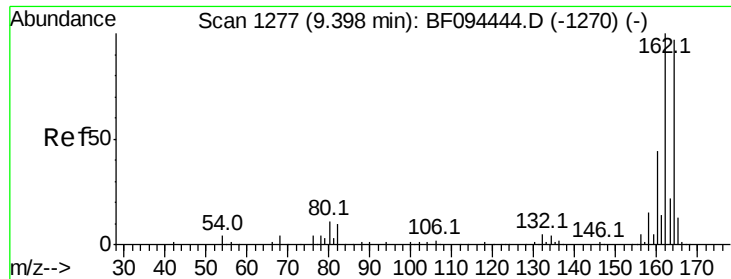


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

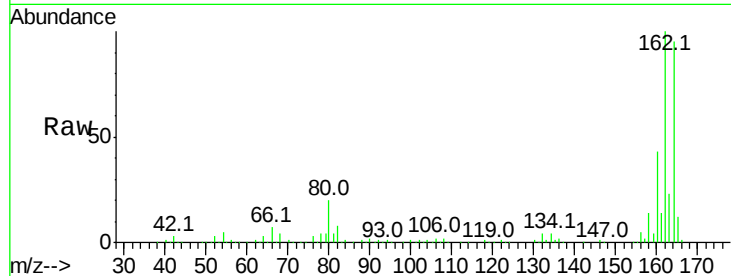




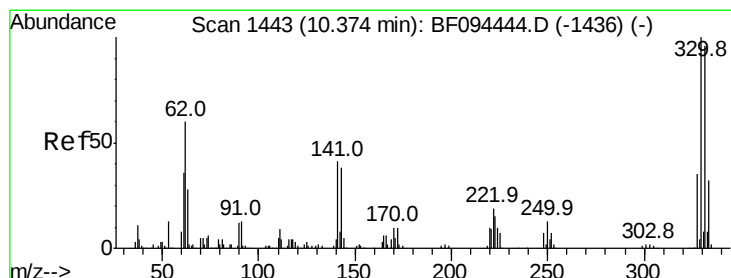
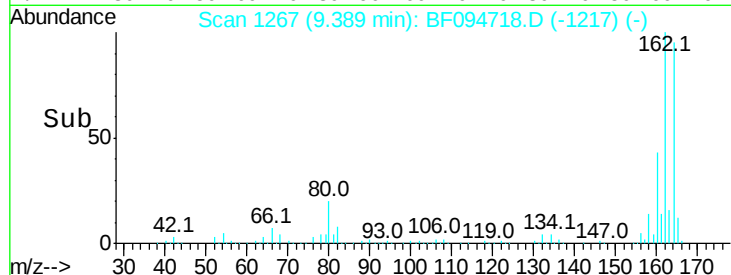
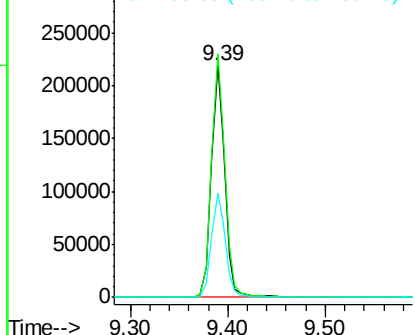
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094718.D
 Acq: 30 Apr 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 210227
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 123.8
 160 44.7 36.2 54.2

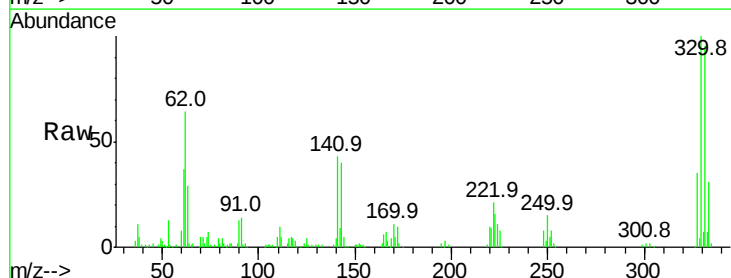


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

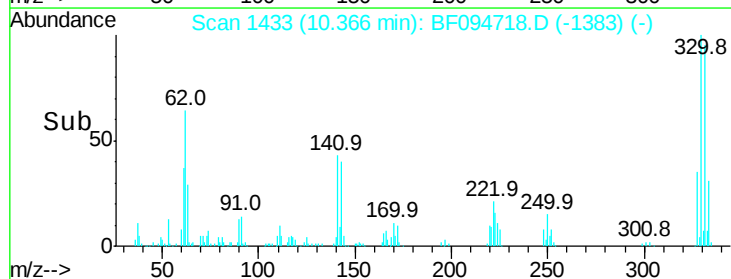
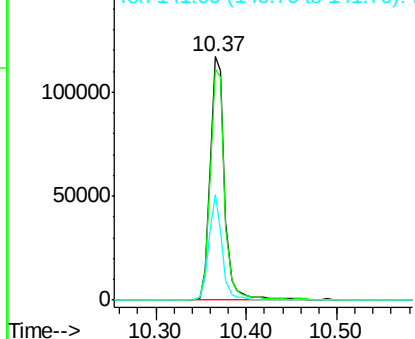


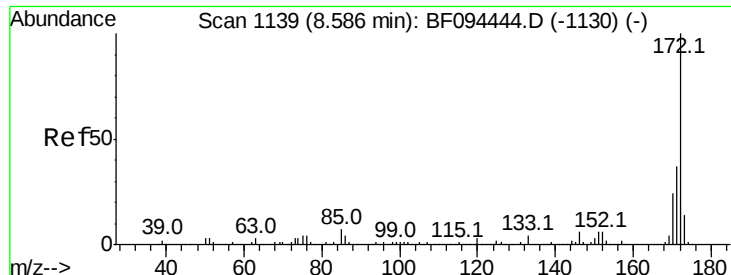
#41
 2,4,6-Tribromophenol
 Concen: 80.56 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094718.D
 Acq: 30 Apr 2017 16:53

Tgt Ion:330 Resp: 132463
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 39.1 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

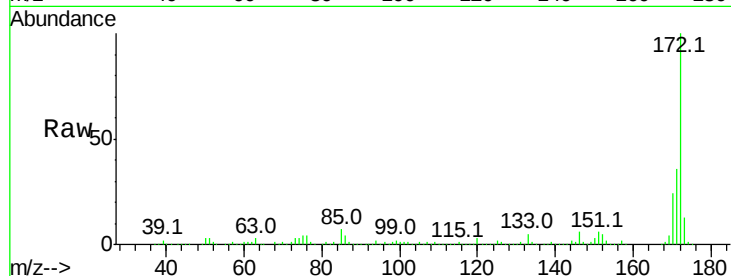




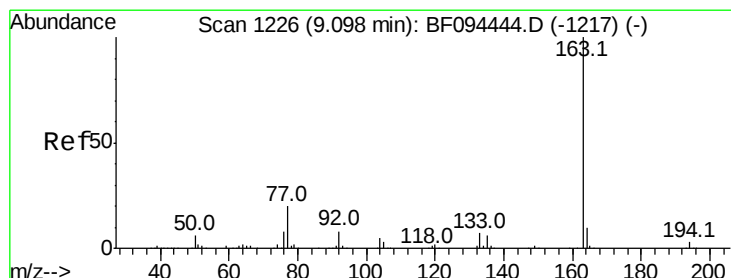
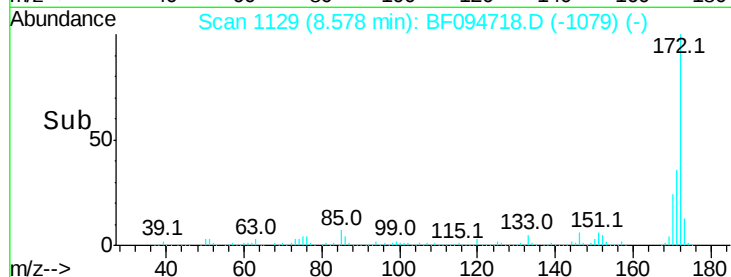
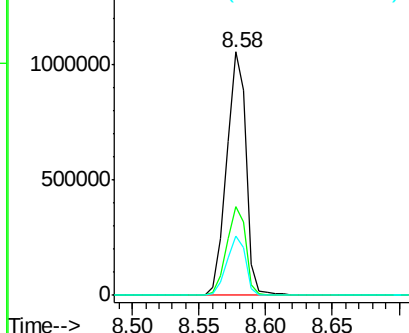
#44
2-Fluorobiphenyl
Concen: 76.33 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094718.D
Acq: 30 Apr 2017 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1090566
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.8 29.8

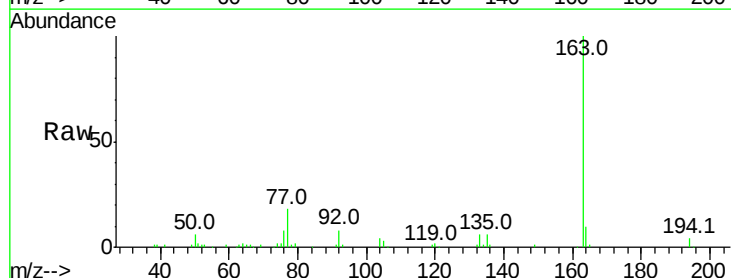


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

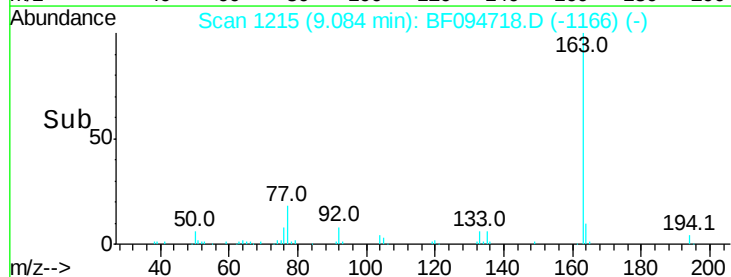
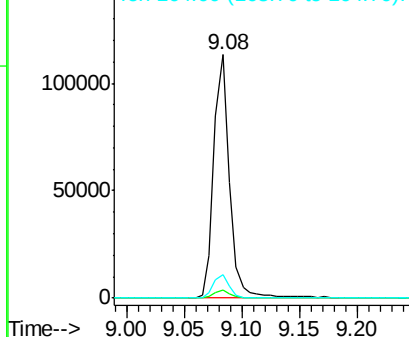


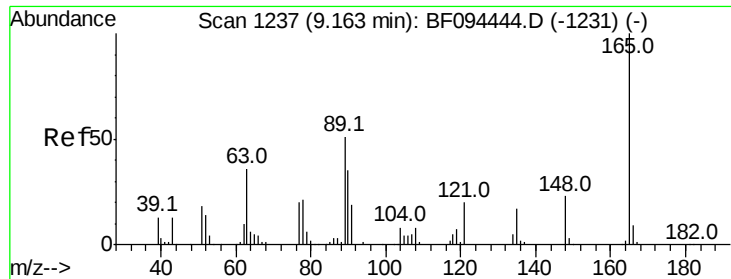
#49
Dimethylphthalate
Concen: 6.85 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094718.D
Acq: 30 Apr 2017 16:53

Tgt Ion:163 Resp: 107314
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.6 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

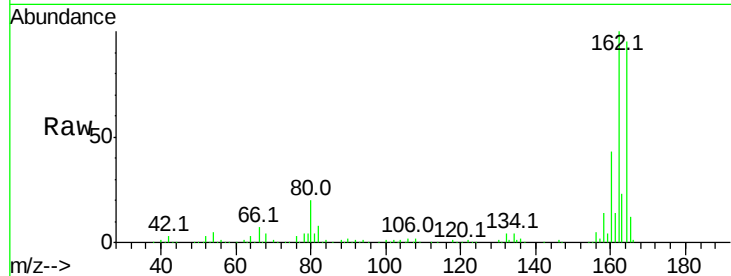




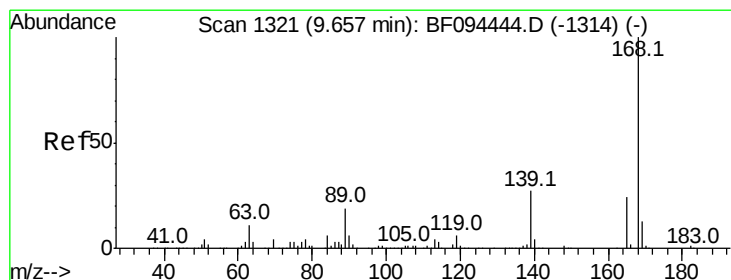
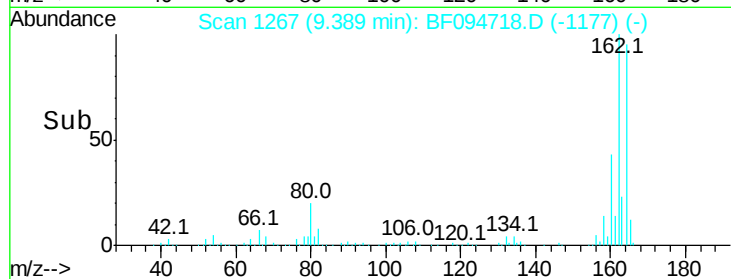
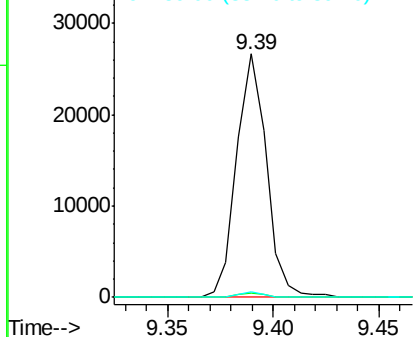
#50
 2,6-Dinitrotoluene
 Concen: 7.45 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094718.D
 Acq: 30 Apr 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	2.4	37.1	55.7#

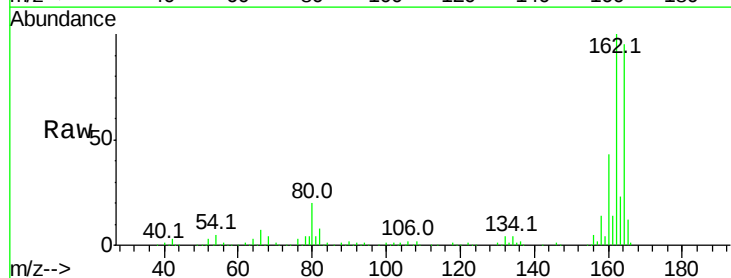


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

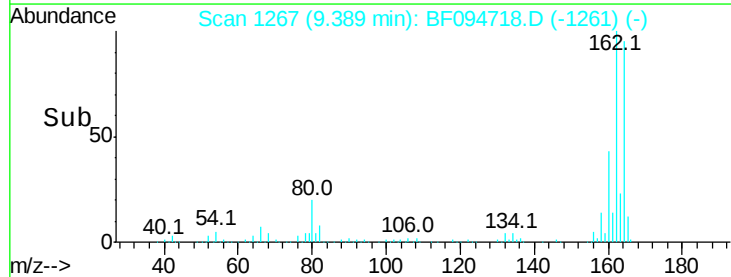
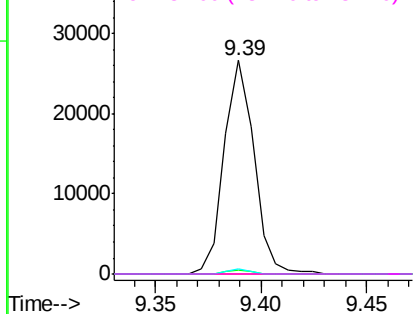


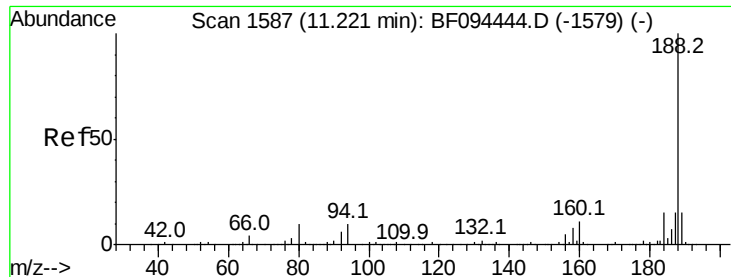
#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094718.D
 Acq: 30 Apr 2017 16:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	2.4	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: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094718.D

Acq: 30 Apr 2017 16:53

Instrument :

BNA_F

ClientSampled :

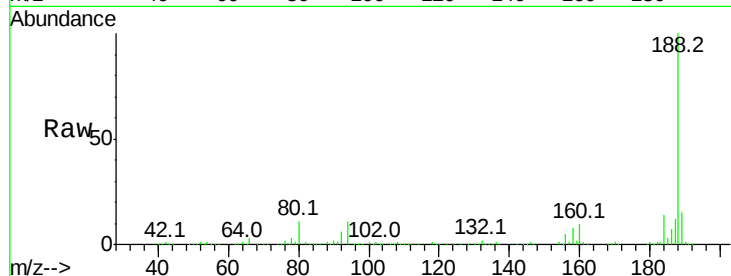
Tot Ion:188 Resp: 392630

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

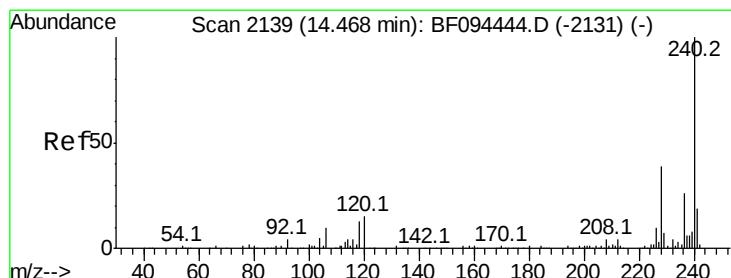
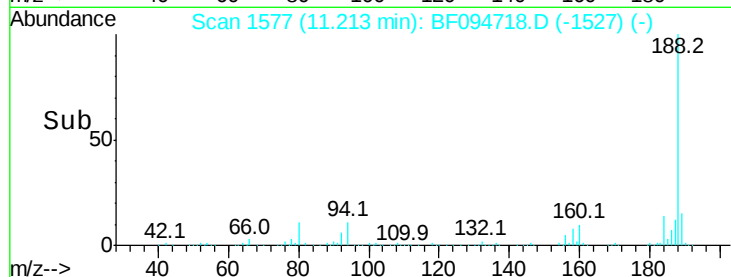
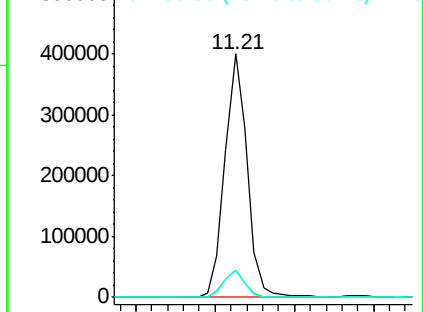
80 11.2 10.2 15.2



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: BF094718.D

Acq: 30 Apr 2017 16:53

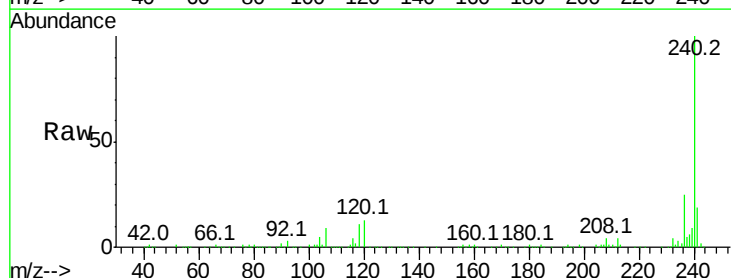
Tgt Ion:240 Resp: 310605

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

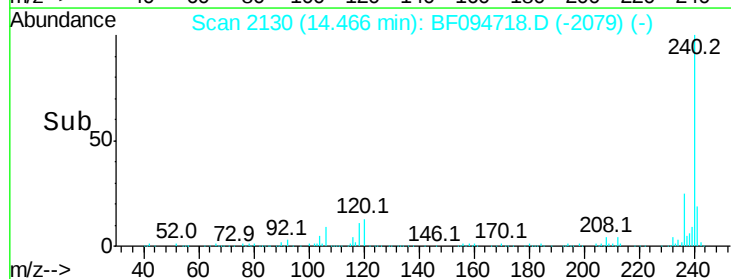
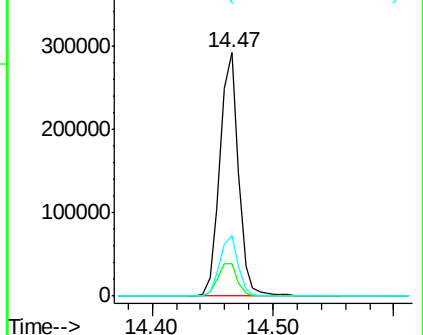
236 24.6 20.5 30.7

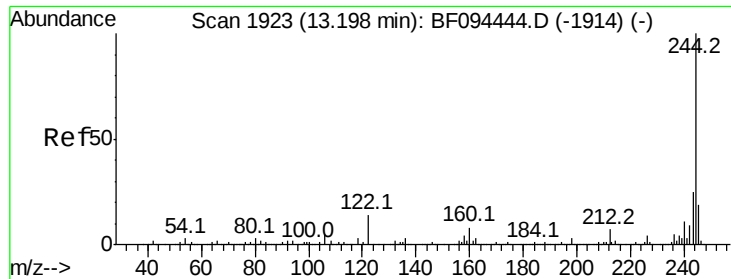


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

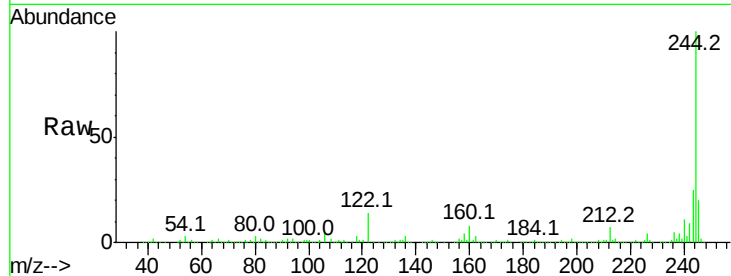




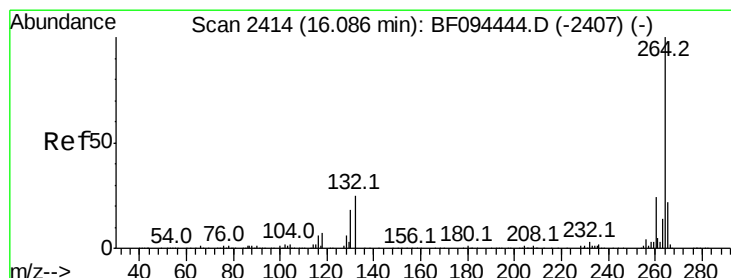
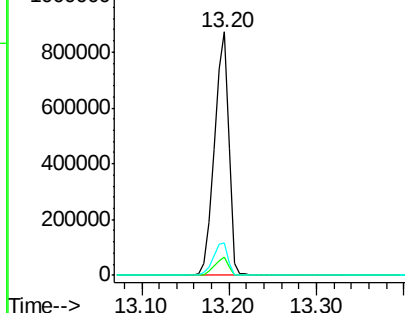
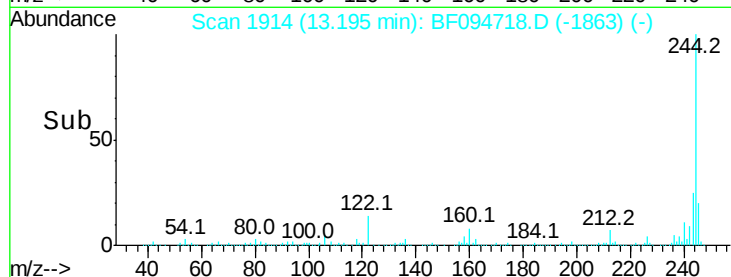
#78
 Terphenyl-d14
 Concen: 85.93 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094718.D
 Acq: 30 Apr 2017 16:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 998583
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.5 10.3 15.5

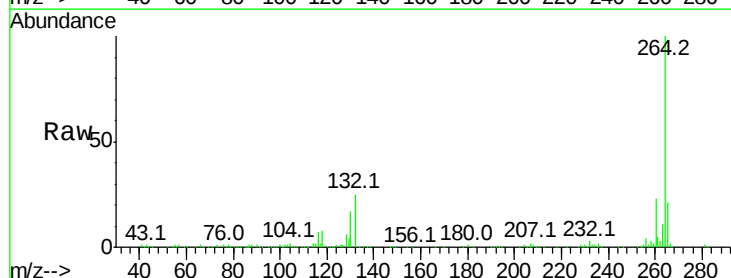


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094718.D
 Acq: 30 Apr 2017 16:53

Tgt Ion:264 Resp: 211945
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.3 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

