

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094779.D
 Acq On : 2 May 2017 5:29
 Operator : SJ/MA
 Sample : I2919-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 06:49:38 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

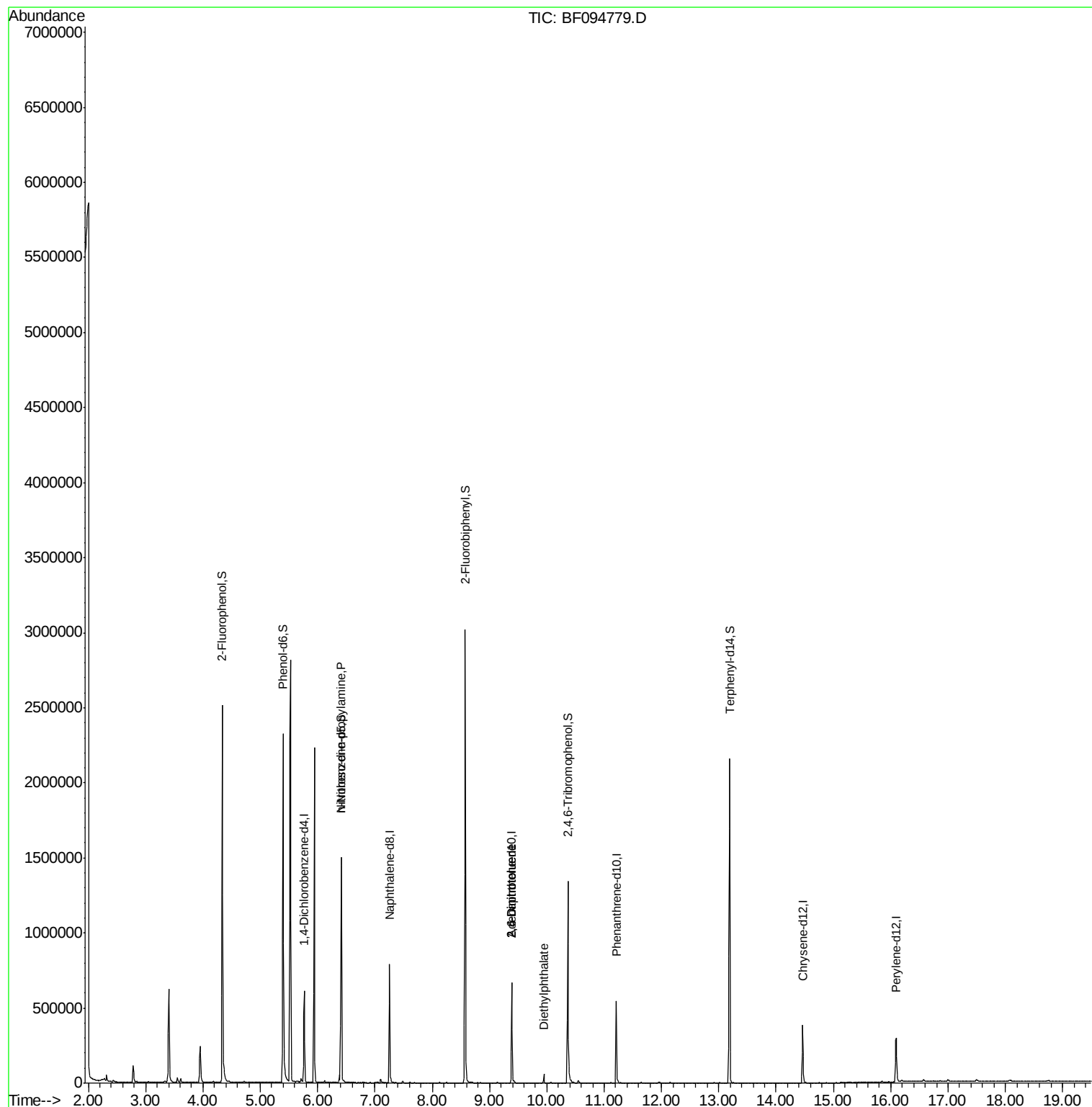
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	92948	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	374030	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	157099	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	246103	20.00	ng	0.00
75) Chrysene-d12	14.46	240	171116	20.00	ng	0.00
86) Perylene-d12	16.09	264	129884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	800716	142.92	ng	0.03
7) Phenol-d6	5.40	99	930212	140.84	ng	0.00
23) Nitrobenzene-d5	6.41	82	584141	96.44	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	189887	154.53	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1113210	104.26	ng	0.00
78) Terphenyl-d14	13.19	244	764655	119.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	75842	17.33	ng	# 75
50) 2,6-Dinitrotoluene	9.39	165	20083	7.64	ng	# 31
56) 2,4-Dinitrotoluene	9.39	165	20083	6.23	ng	# 31
59) Diethylphthalate	9.95	149	25503	2.31	ng	99

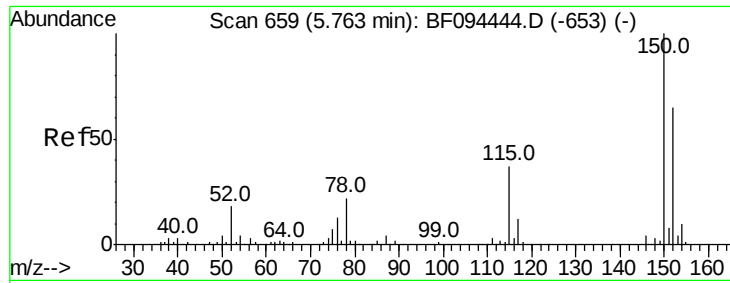
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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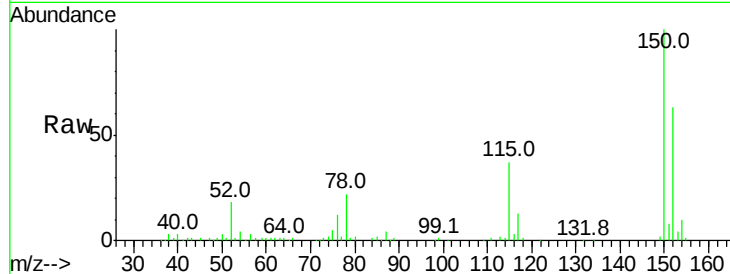


#1

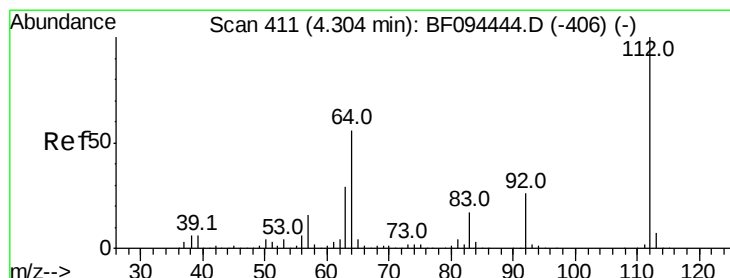
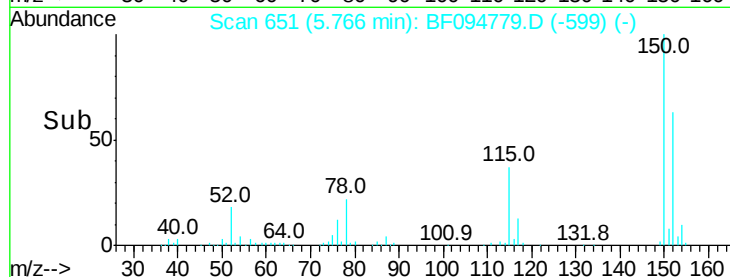
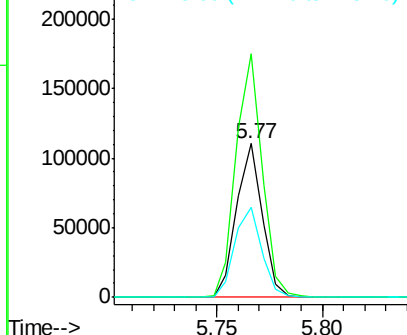
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094779.D
Acq: 2 May 2017 5:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92948
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 58.4 52.2 78.2



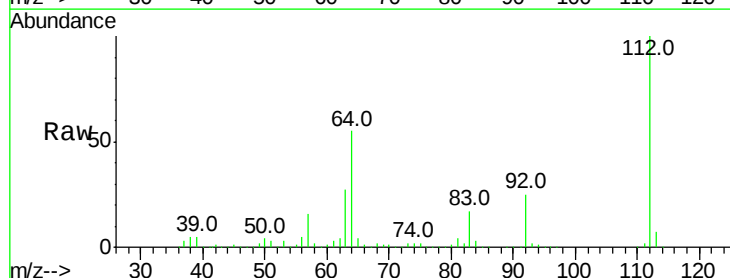
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



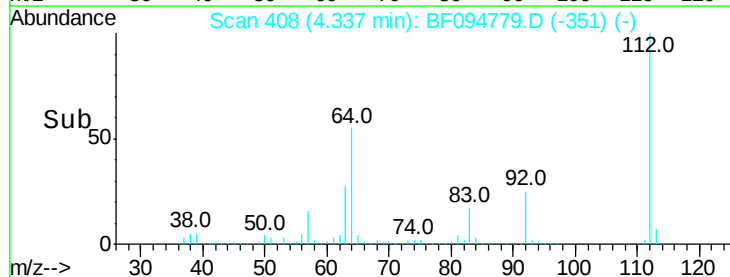
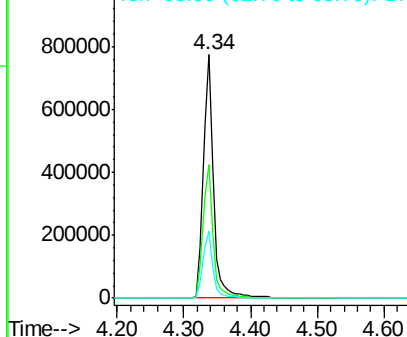
#5

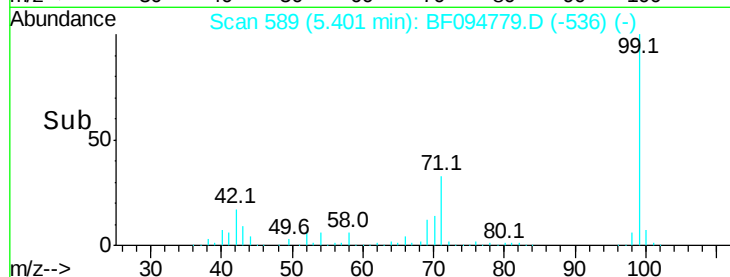
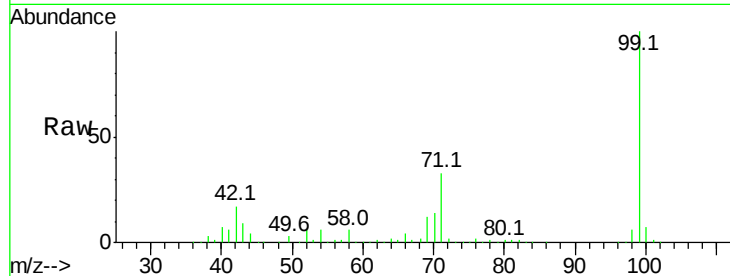
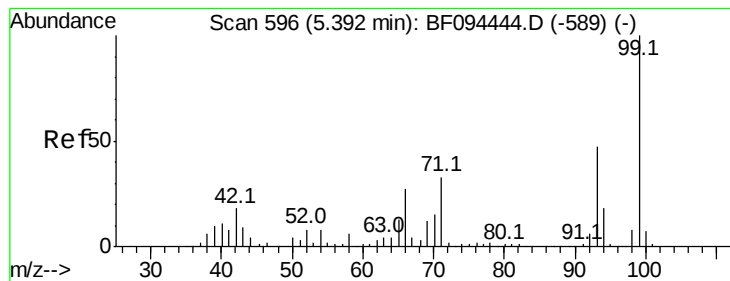
2-Fluorophenol
Concen: 142.92 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094779.D
Acq: 2 May 2017 5:29

Tgt Ion:112 Resp: 800716
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.4 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: 140.84 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094779.D

Acq: 2 May 2017 5:29

Instrument :

BNA_F

ClientSampled :

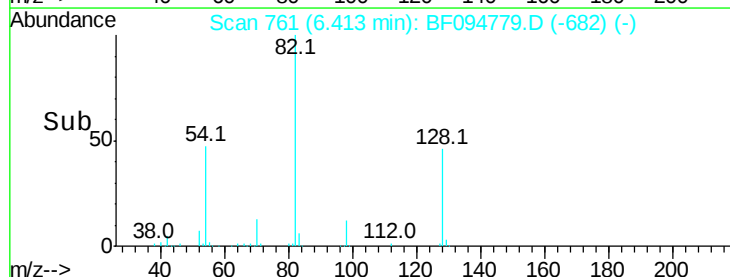
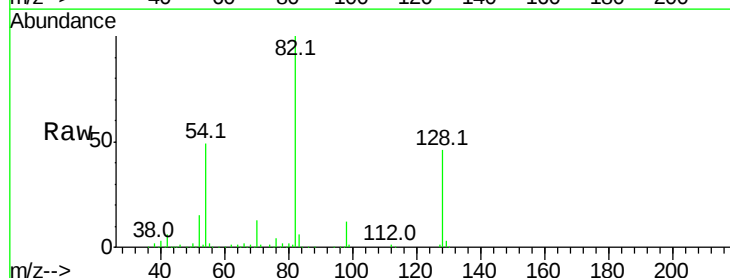
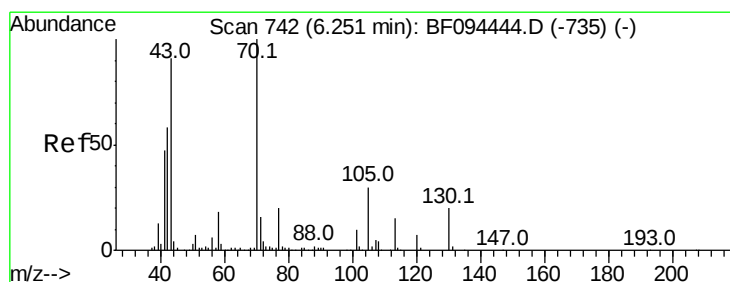
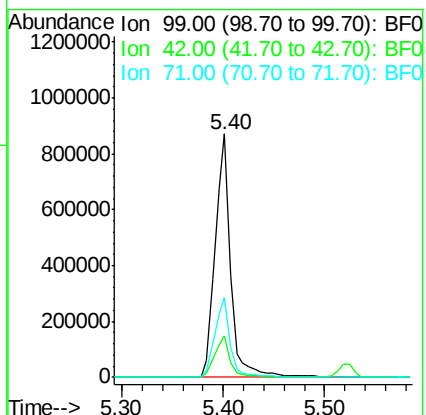
Tot Ion: 99 Resp: 930212

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 32.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.33 ng

RT: 6.41 min Scan# 761

Delta R.T. 0.16 min

Lab File: BF094779.D

Acq: 2 May 2017 5:29

Tgt Ion: 70 Resp: 75842

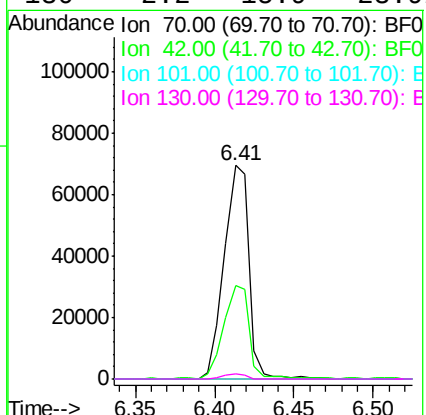
Ion Ratio Lower Upper

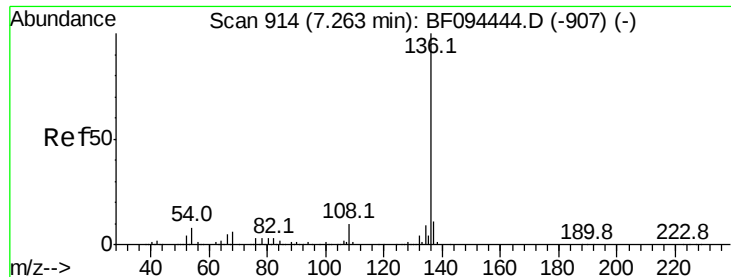
70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094779.D

Acq: 2 May 2017 5:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 374030

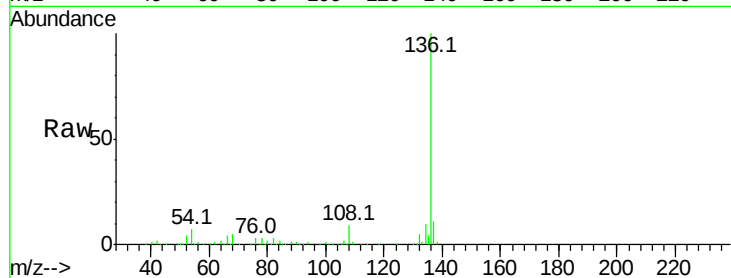
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 5.2 4.1 6.1

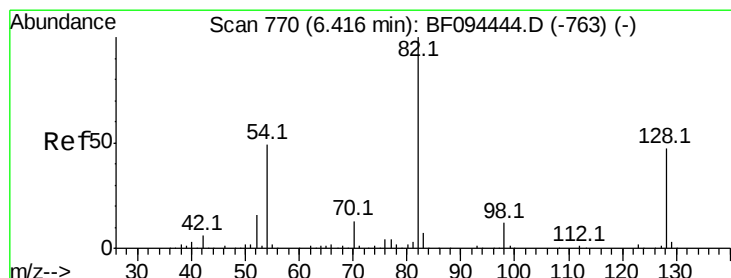
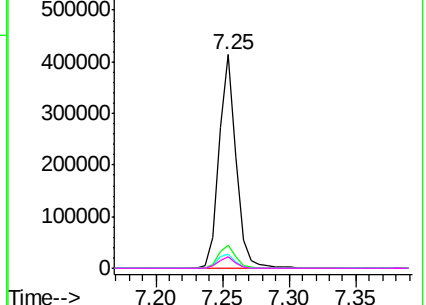
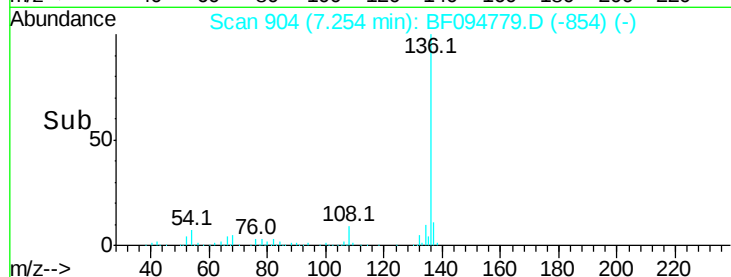


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.44 ng

RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094779.D

Acq: 2 May 2017 5:29

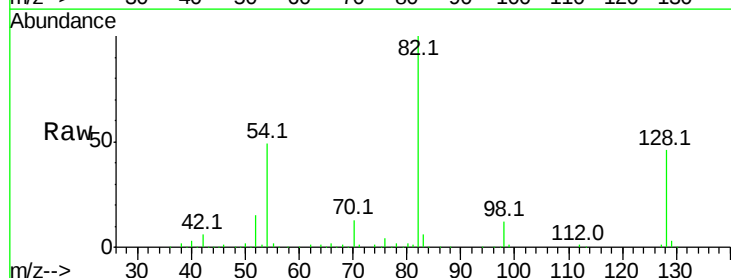
Tgt Ion: 82 Resp: 584141

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

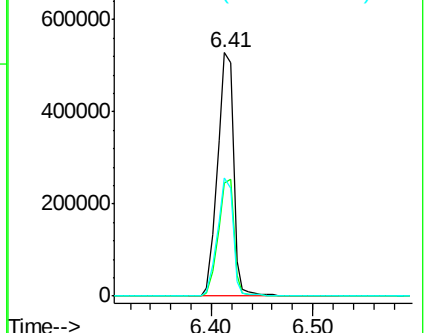
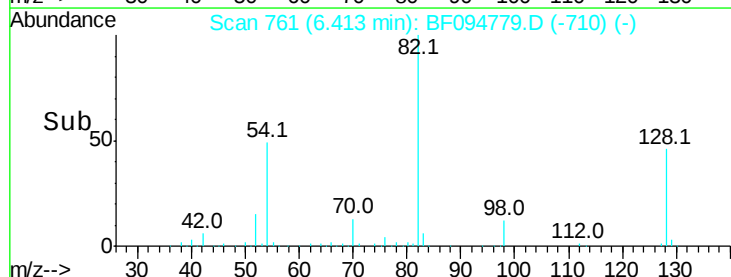
54 48.7 42.2 63.2

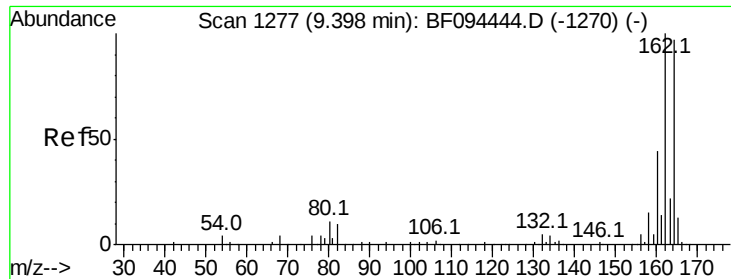


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

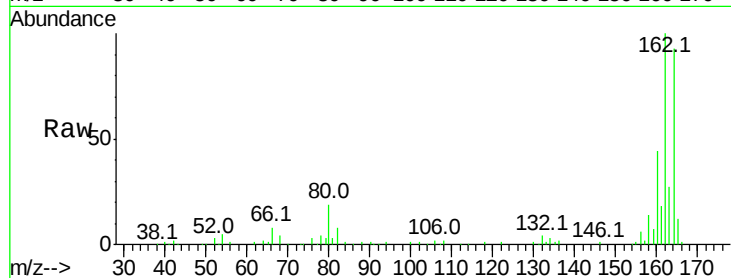




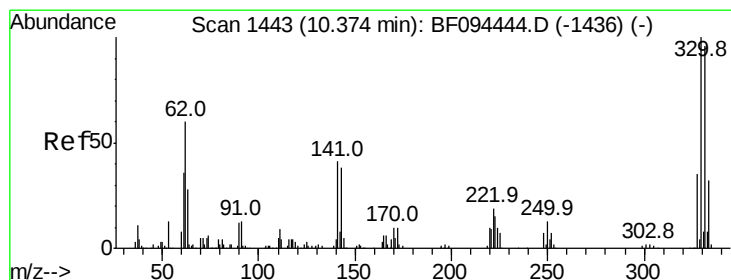
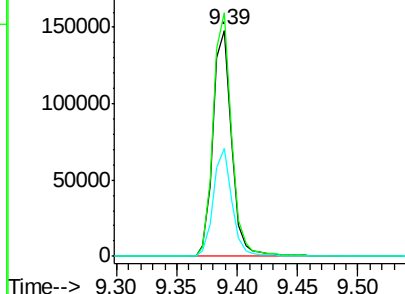
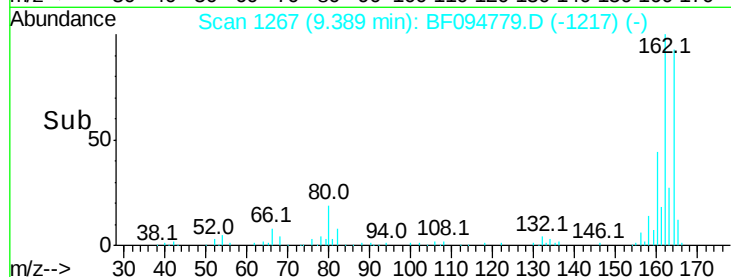
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF094779.D
 Acq: 2 May 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 157099
 Ion Ratio Lower Upper
 164 100
 162 107.9 82.6 123.8
 160 47.7 36.2 54.2

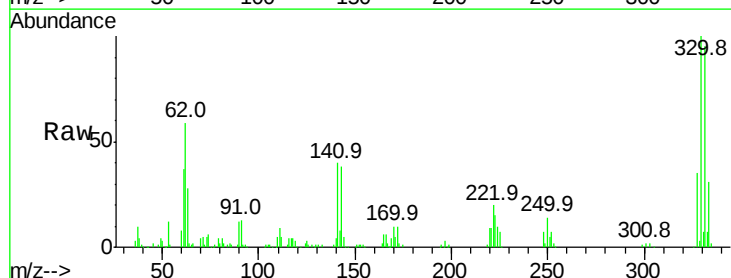


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

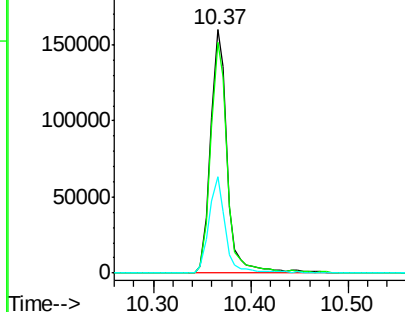
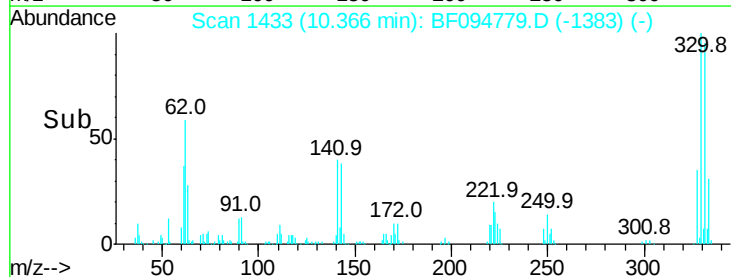


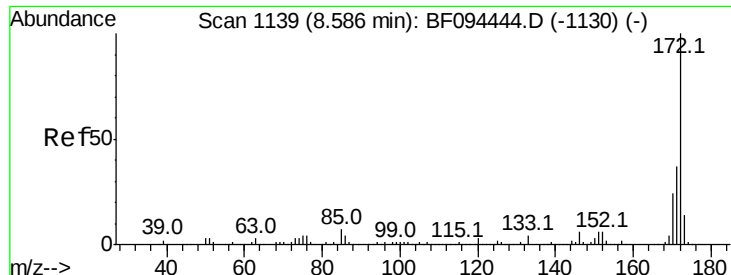
#41
 2,4,6-Tribromophenol
 Concen: 154.53 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094779.D
 Acq: 2 May 2017 5:29

Tgt Ion:330 Resp: 189887
 Ion Ratio Lower Upper
 330 100
 332 94.6 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

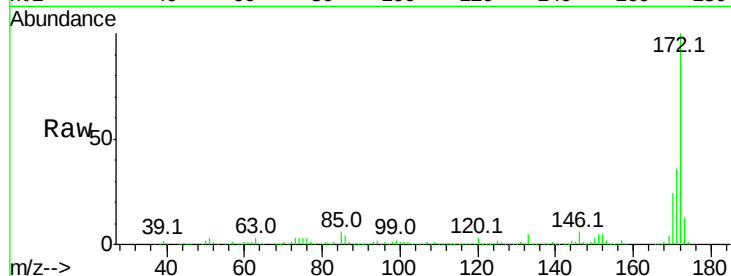




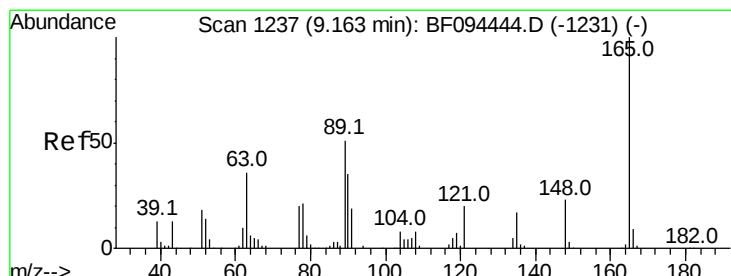
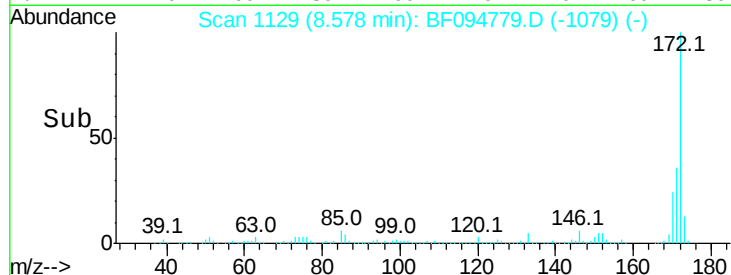
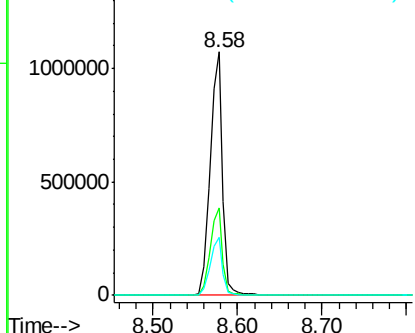
#44
 2-Fluorobiphenyl
 Concen: 104.26 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094779.D
 Acq: 2 May 2017 5:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1113210
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.7 19.8 29.8

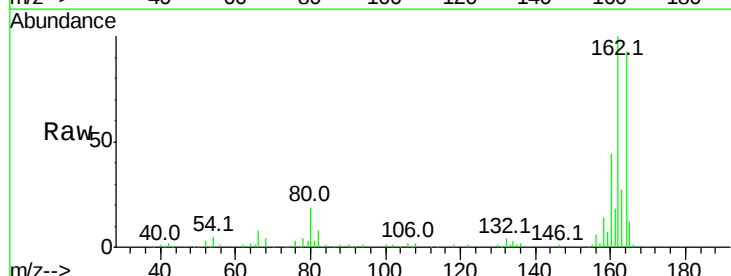


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

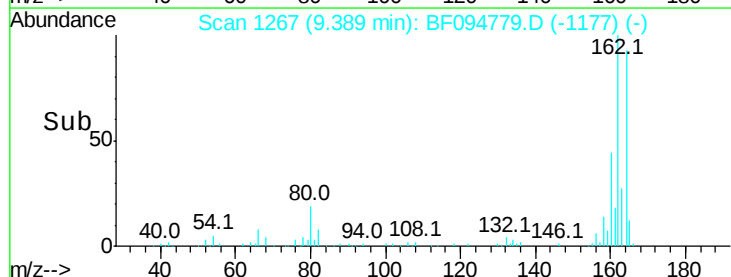
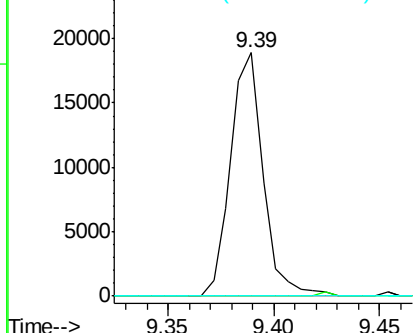


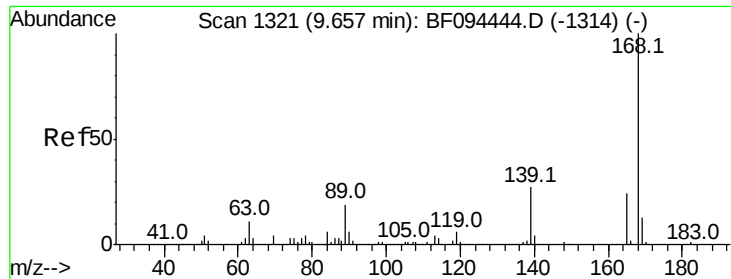
#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. 0.23 min
 Lab File: BF094779.D
 Acq: 2 May 2017 5:29

Tgt Ion:165 Resp: 20083
 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

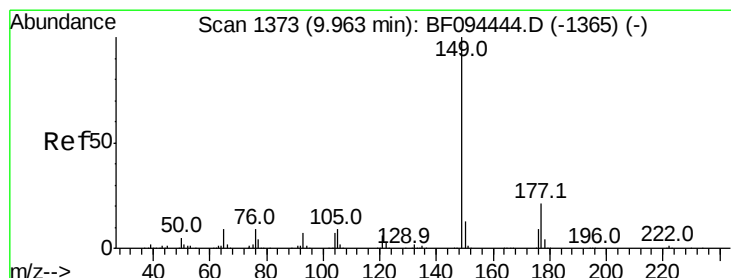
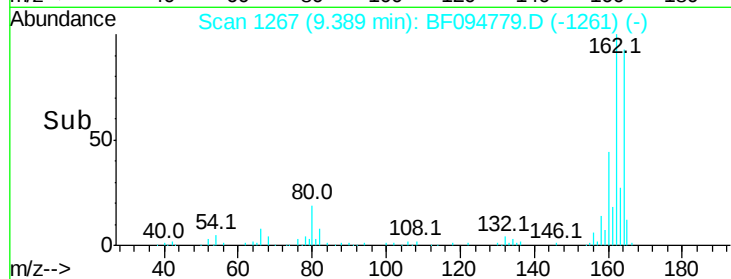
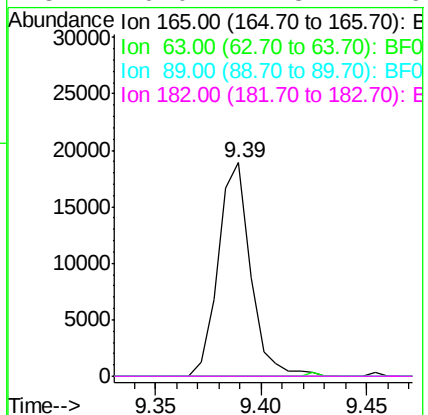
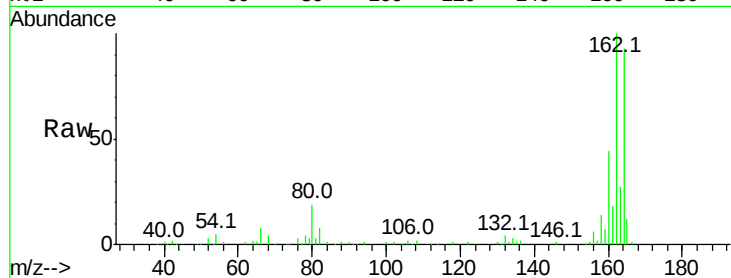




#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094779.D
Acq: 2 May 2017 5:29

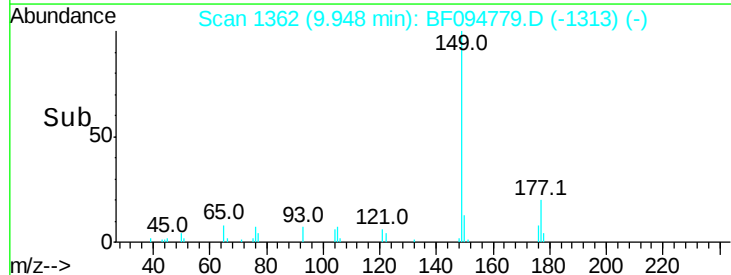
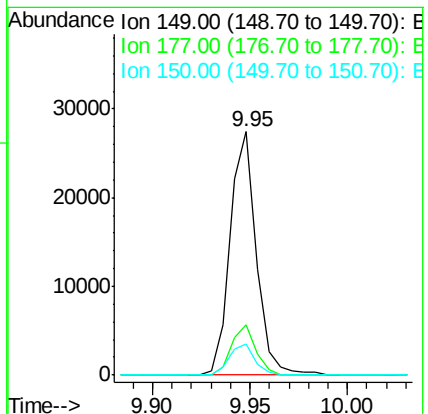
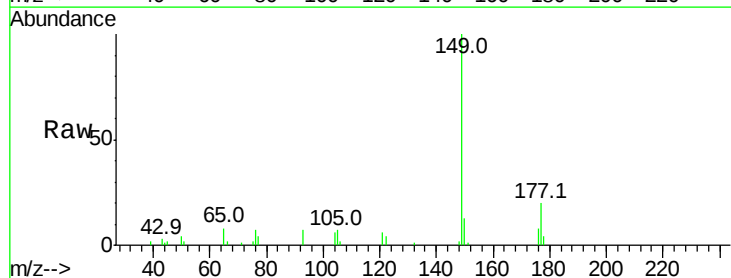
Instrument :
BNA_F
ClientSampleId :

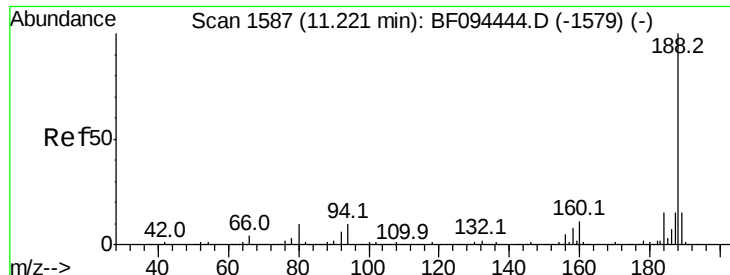
Tot Ion:165 Resp: 20083
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#



#59
Diethylphthalate
Concen: 2.31 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF094779.D
Acq: 2 May 2017 5:29

Tgt Ion:149 Resp: 25503
Ion Ratio Lower Upper
149 100
177 20.4 16.7 25.1
150 12.9 10.2 15.2

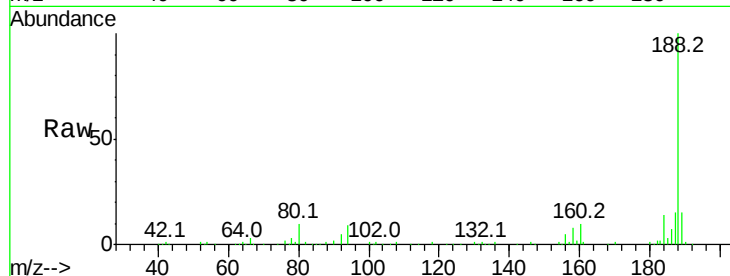




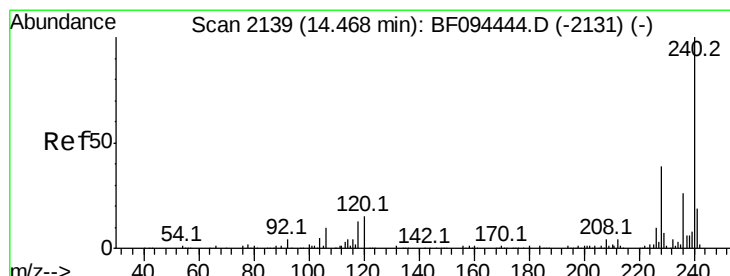
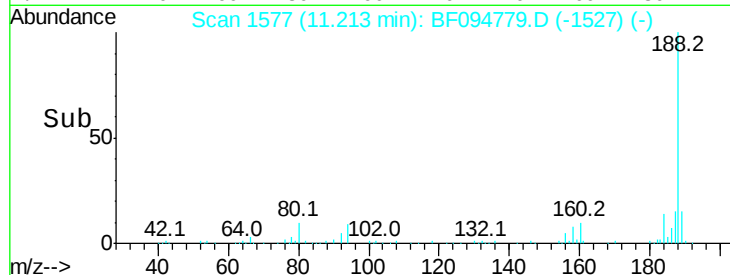
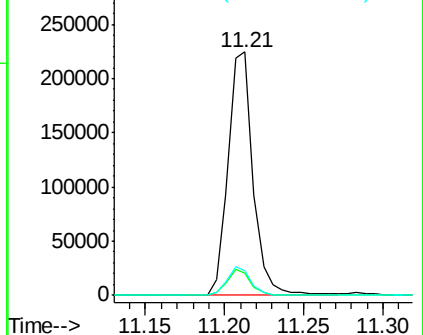
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094779.D
Acq: 2 May 2017 5:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 246103
Ion Ratio Lower Upper
188 100
94 9.1 9.4 14.2#
80 10.0 10.2 15.2#

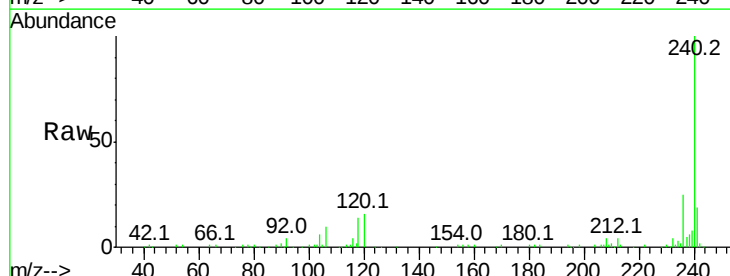


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

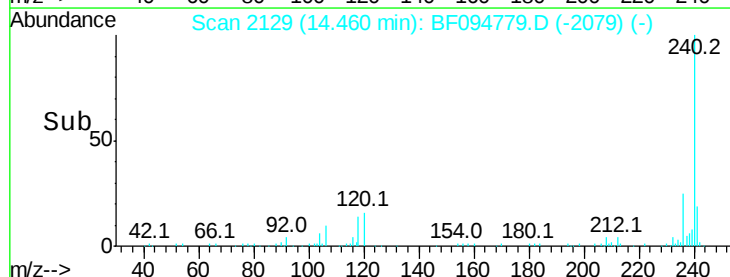
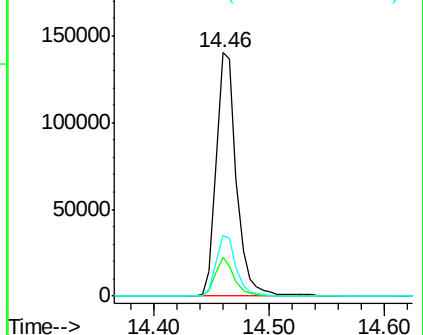


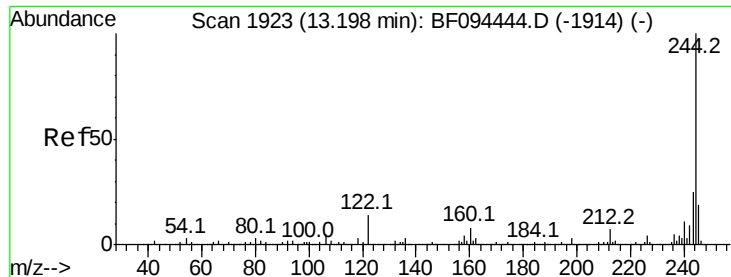
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094779.D
Acq: 2 May 2017 5:29

Tgt Ion:240 Resp: 171116
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 24.9 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

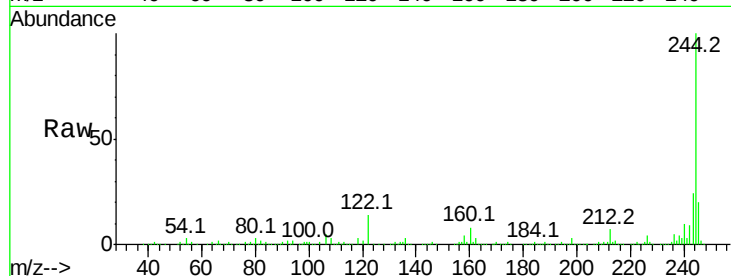




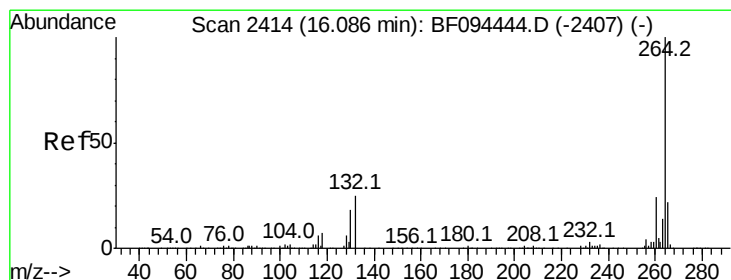
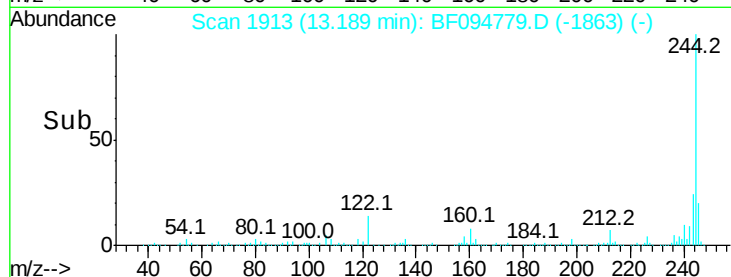
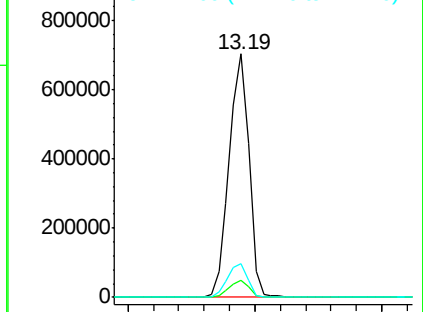
#78
 Terphenyl-d14
 Concen: 119.44 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094779.D
 Acq: 2 May 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 764655
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.9 10.3 15.5

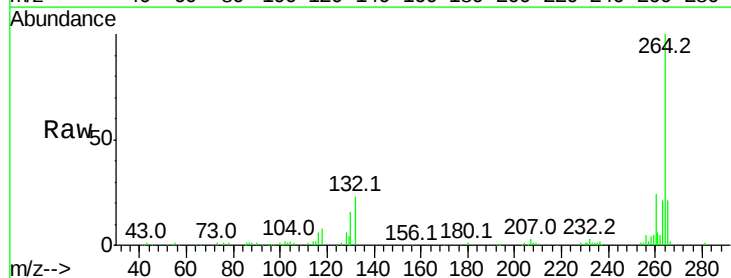


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094779.D
 Acq: 2 May 2017 5:29

Tgt Ion:264 Resp: 129884
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 20.7 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

