

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094518.D
 Acq On : 19 Apr 2017 16:23
 Operator : SJ/MA
 Sample : I2751-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:04:57 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

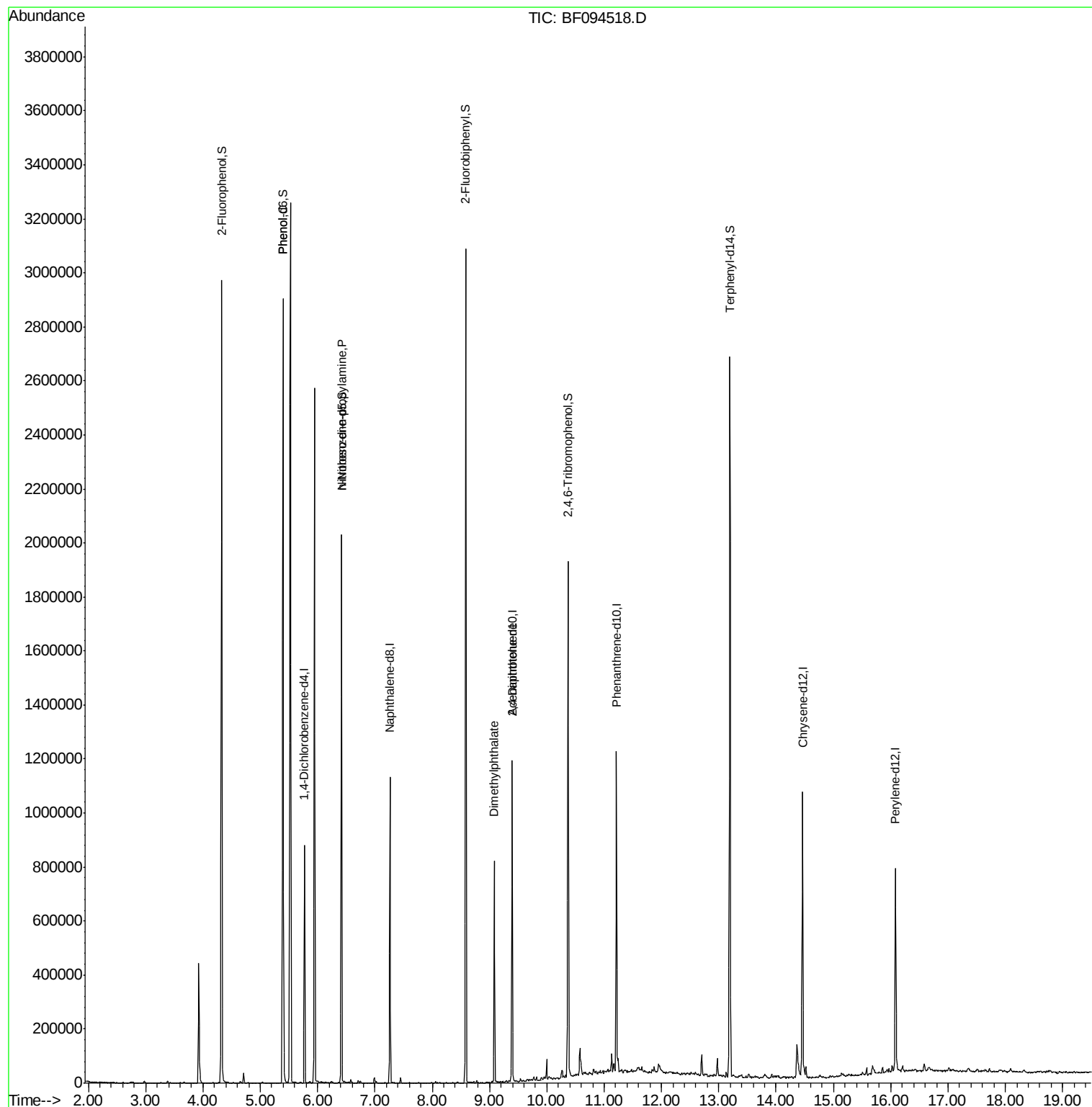
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	134534	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	550427	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	236862	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	477385	20.00	ng	0.00
75) Chrysene-d12	14.46	240	395189	20.00	ng	0.00
86) Perylene-d12	16.08	264	288979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	884668	109.10	ng	0.02
7) Phenol-d6	5.40	99	1134072	118.63	ng	0.00
23) Nitrobenzene-d5	6.42	82	704418	79.02	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	239521	129.28	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1080357	67.11	ng	0.00
78) Terphenyl-d14	13.20	244	977871	66.14	ng	0.00
Target Compounds						
10) Phenol	5.41	94	25303	2.15	ng	# 80
19) n-Nitroso-di-n-propylamine	6.42	70	90826	14.34	ng	# 78
49) Dimethylphthalate	9.08	163	326369	18.49	ng	99
56) 2,4-Dinitrotoluene	9.40	165	29904	6.15	ng	# 32

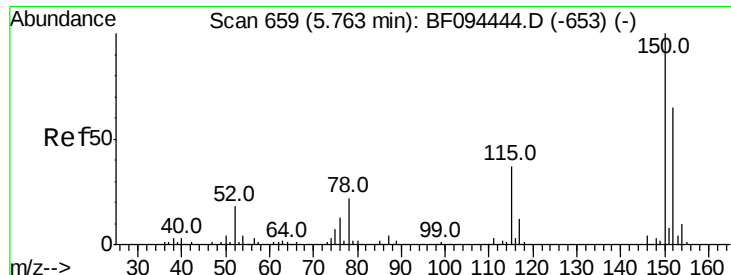
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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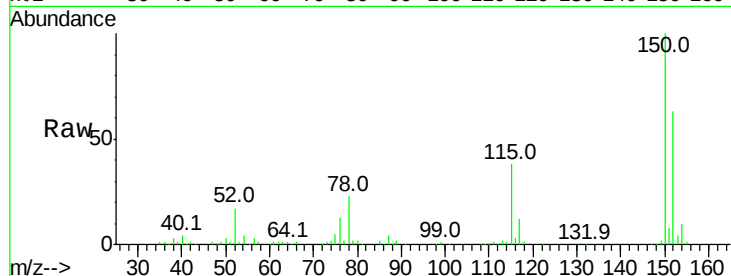


#1

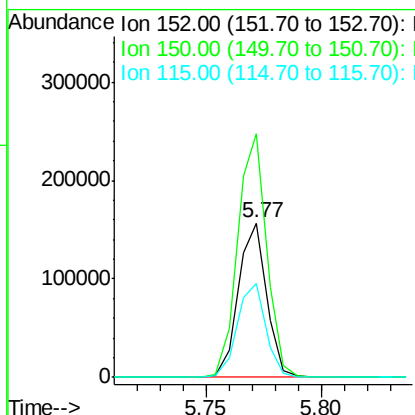
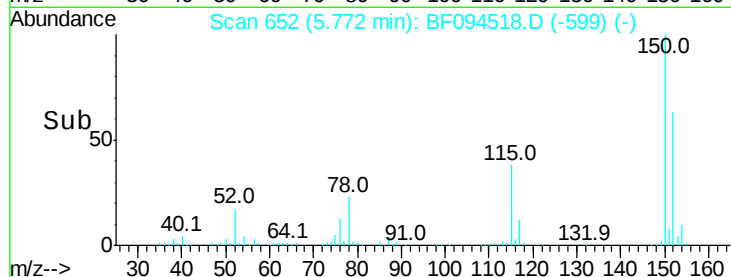
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094518.D
Acq: 19 Apr 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134534
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 60.5 52.2 78.2



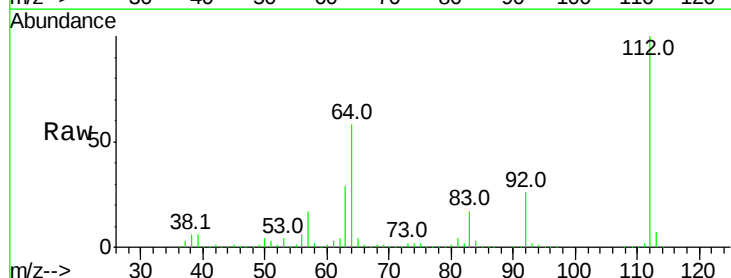
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



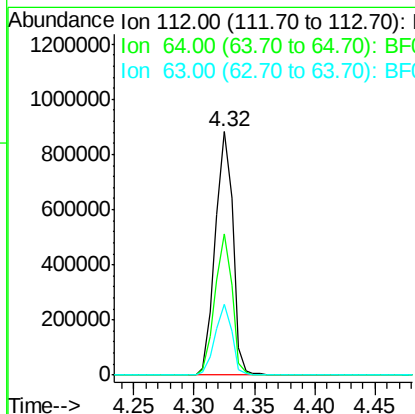
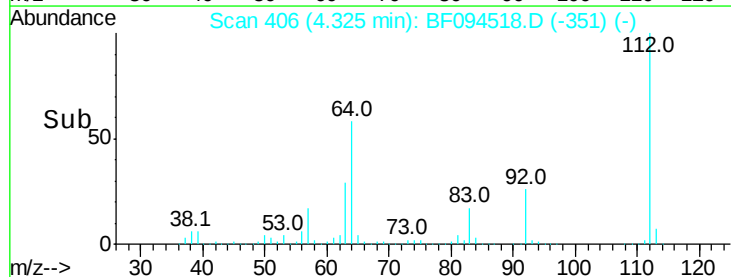
#5

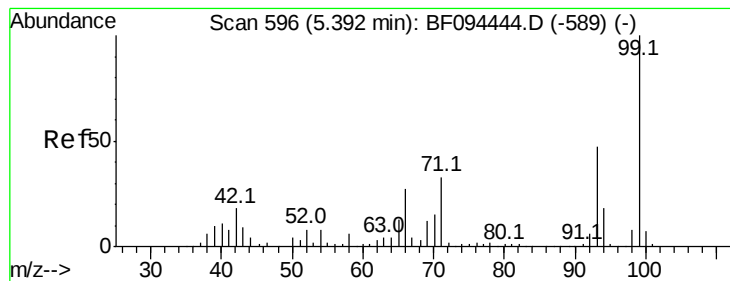
2-Fluorophenol
Concen: 109.10 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094518.D
Acq: 19 Apr 2017 16:23

Tgt Ion:112 Resp: 884668
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.1 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: 118.63 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094518.D

Acq: 19 Apr 2017 16:23

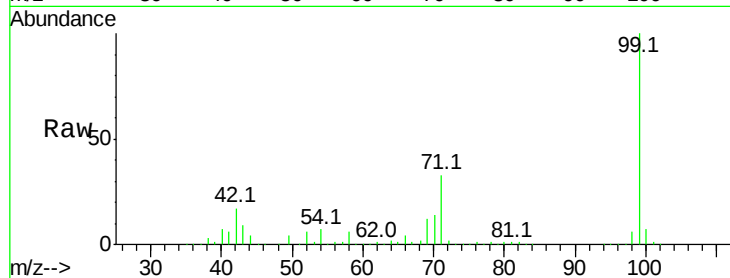
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1134072

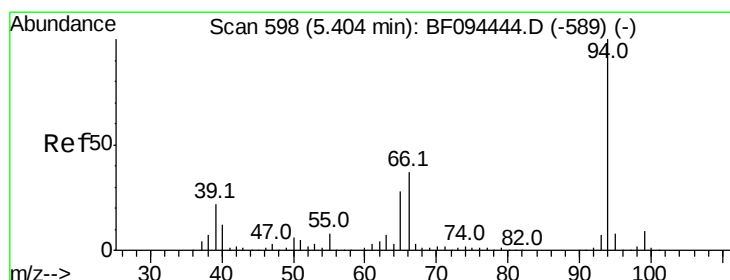
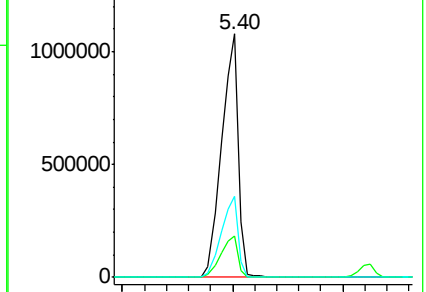
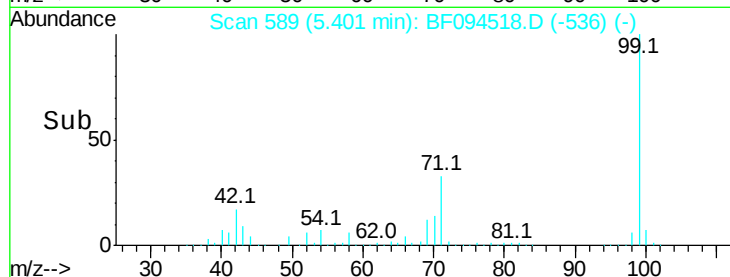
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	33.4	24.5	36.7



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



#10

Phenol

Concen: 2.15 ng

RT: 5.41 min Scan# 590

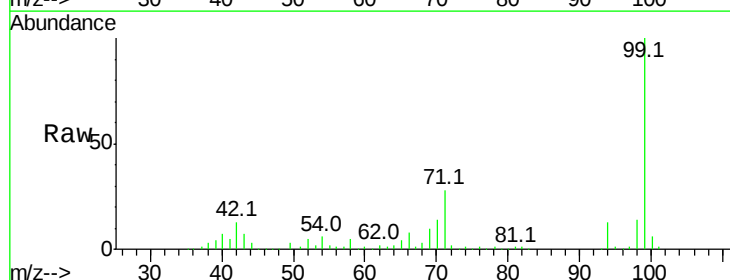
Delta R.T. 0.00 min

Lab File: BF094518.D

Acq: 19 Apr 2017 16:23

Tgt Ion: 94 Resp: 25303

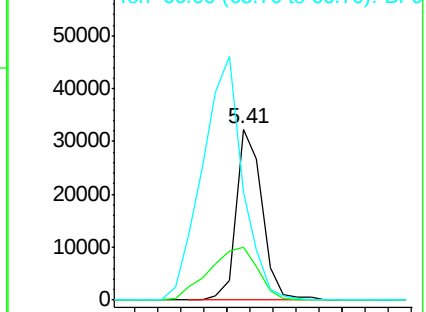
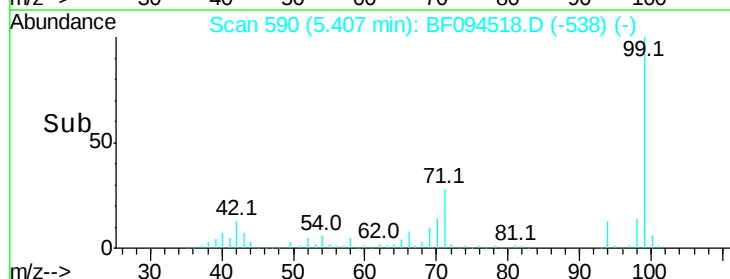
Ion	Ratio	Lower	Upper
94	100		
65	31.2	9.9	49.9
66	63.2	23.1	63.1#

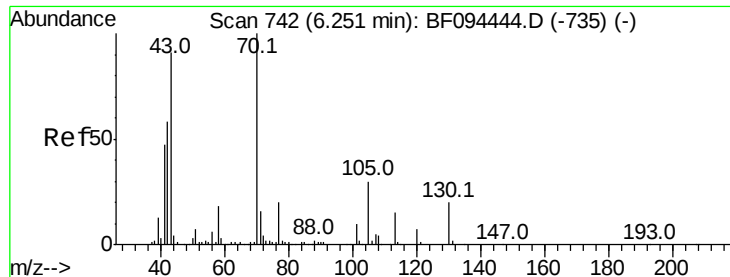


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.34 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094518.D

Acq: 19 Apr 2017 16:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 90826

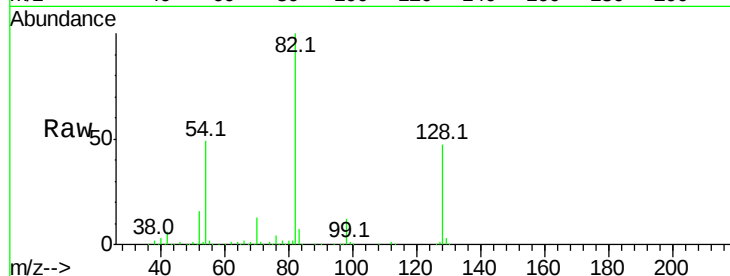
Ion Ratio Lower Upper

70 100

42 47.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

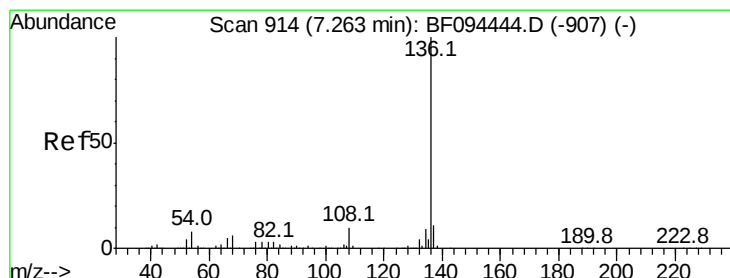
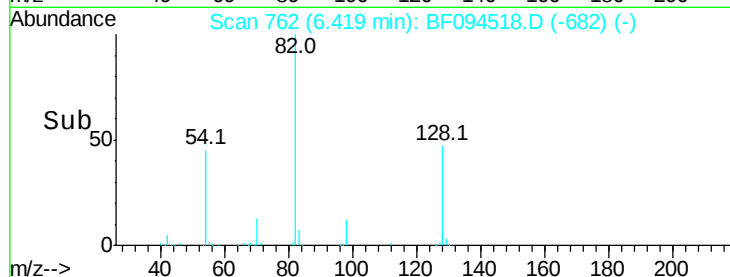
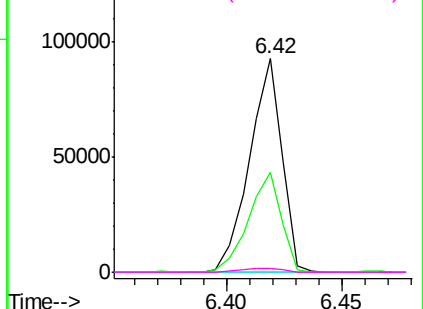


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094518.D

Acq: 19 Apr 2017 16:23

Tgt Ion: 136 Resp: 550427

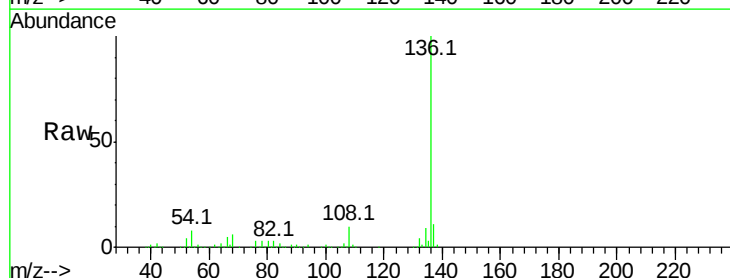
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 6.0 4.1 6.1

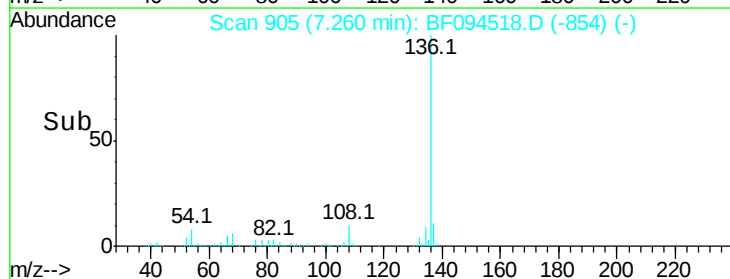
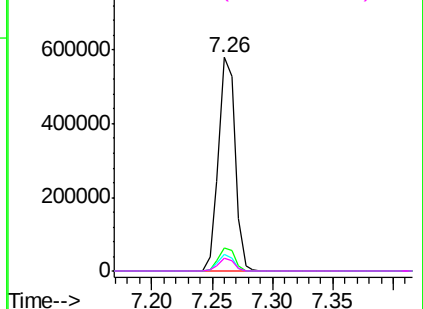


Abundance Ion 136.00 (135.70 to 136.70): E

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

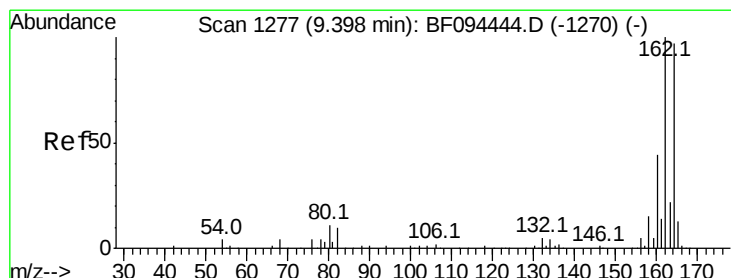
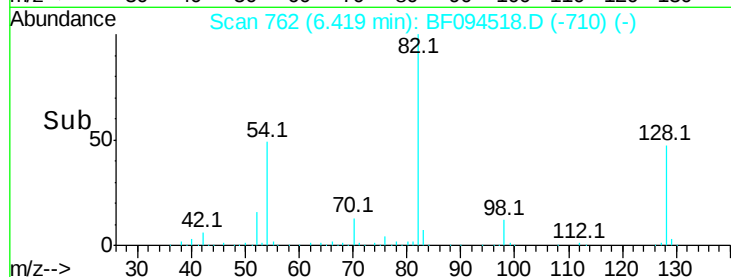
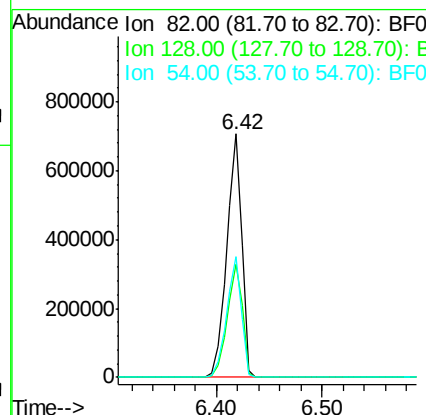
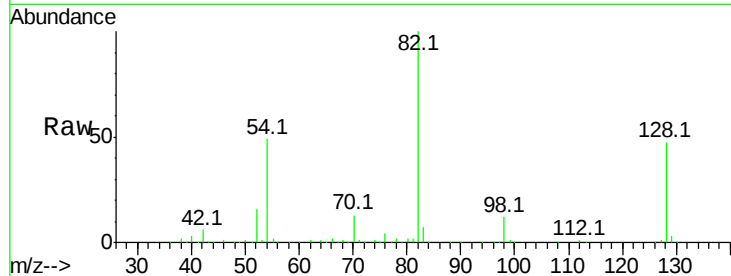




#23
 Nitrobenzene-d5
 Concen: 79.02 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094518.D
 Acq: 19 Apr 2017 16:23

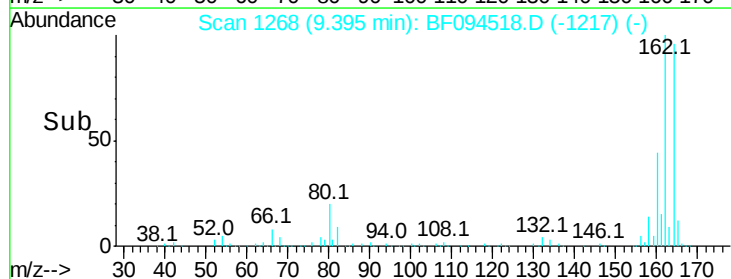
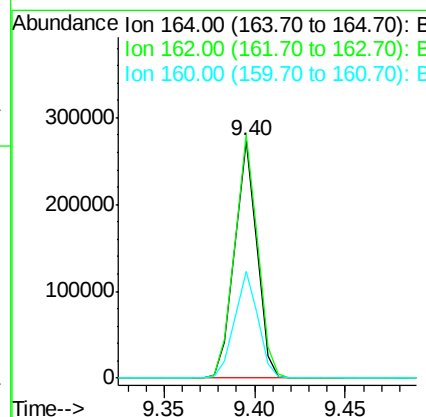
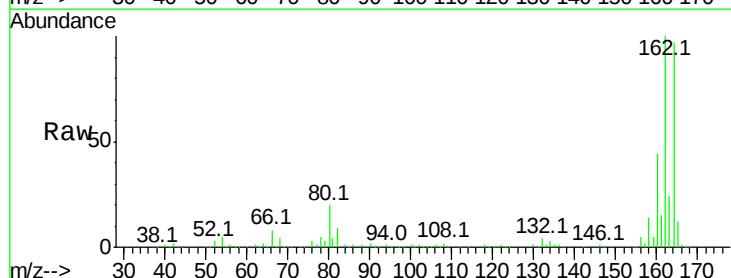
Instrument :
 BNA_F
 ClientSampleId :

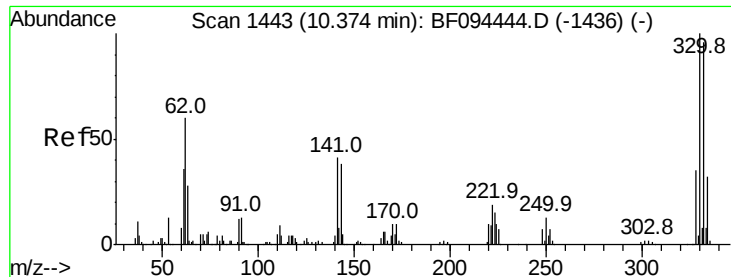
Tot Ion: 82 Resp: 704418
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 49.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094518.D
 Acq: 19 Apr 2017 16:23

Tgt Ion:164 Resp: 236862
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 44.9 36.2 54.2

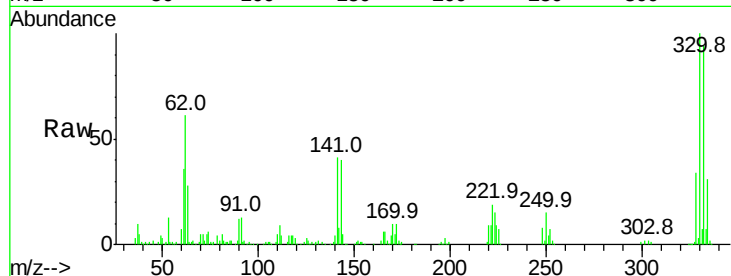




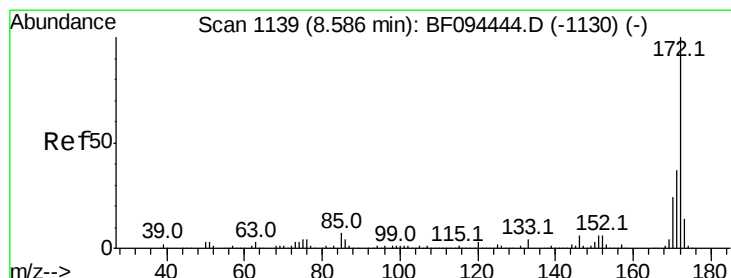
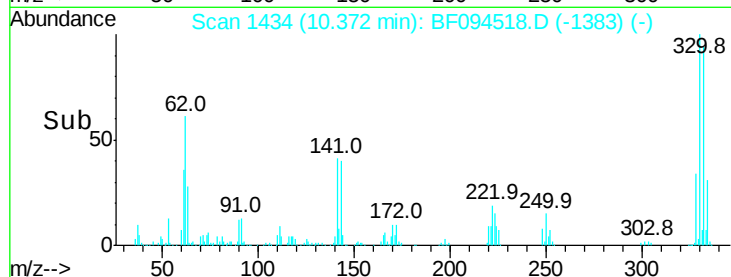
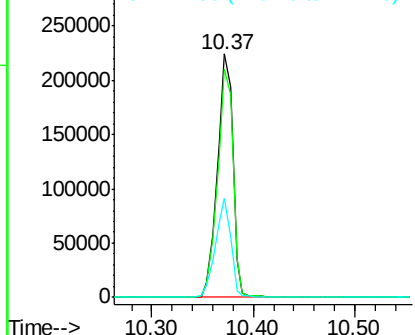
#41
 2,4,6-Tribromophenol
 Concen: 129.28 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094518.D
 Acq: 19 Apr 2017 16:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 239521
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 40.5 31.4 47.2

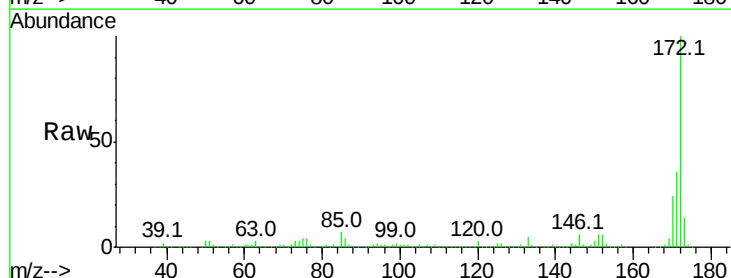


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

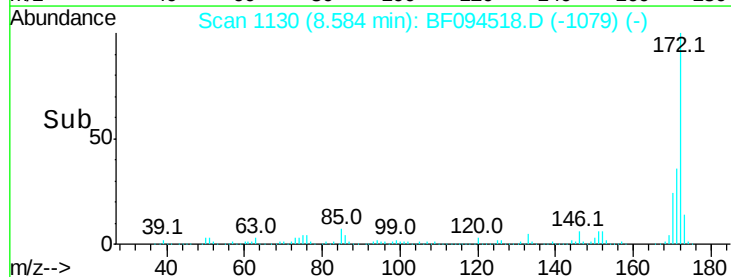
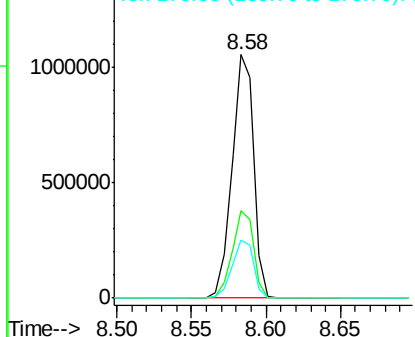


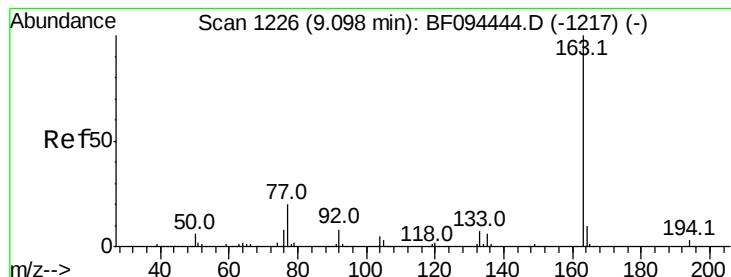
#44
 2-Fluorobiphenyl
 Concen: 67.11 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094518.D
 Acq: 19 Apr 2017 16:23

Tgt Ion:172 Resp: 1080357
 Ion Ratio Lower Upper
 172 100
 171 35.7 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





#49

Dimethylphthalate

Concen: 18.49 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094518.D

Acq: 19 Apr 2017 16:23

Instrument :

BNA_F

ClientSampled :

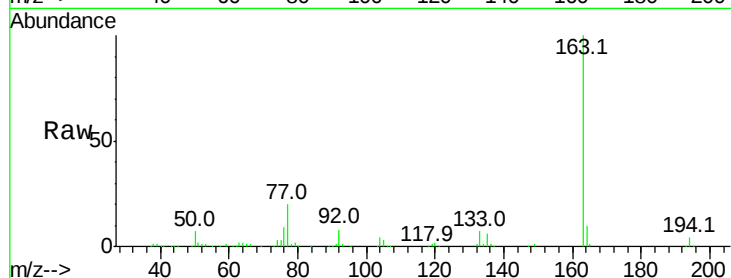
Tot Ion:163 Resp: 326369

Ion Ratio Lower Upper

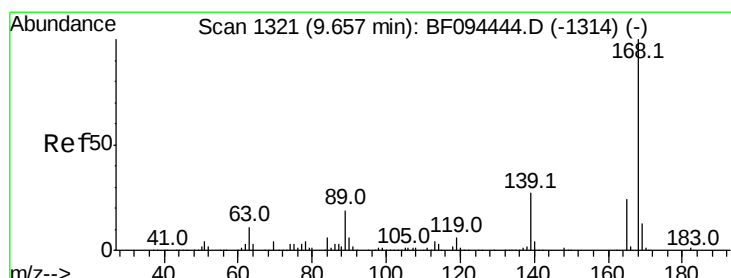
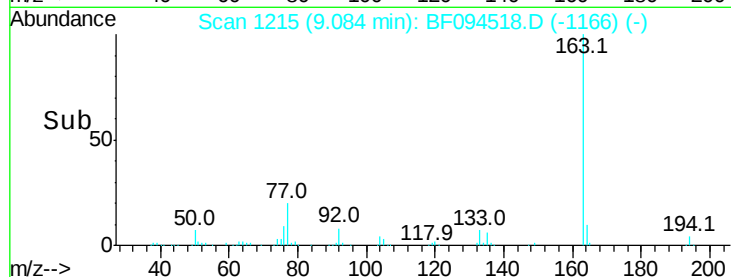
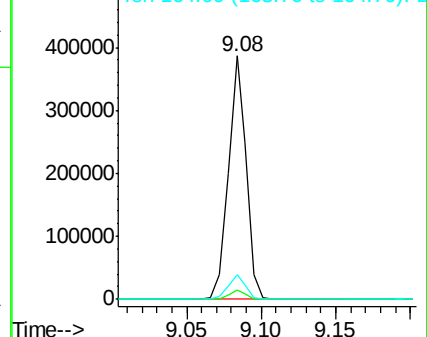
163 100

194 3.6 2.6 4.0

164 10.2 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: 6.15 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.26 min

Lab File: BF094518.D

Acq: 19 Apr 2017 16:23

Tgt Ion:165 Resp: 29904

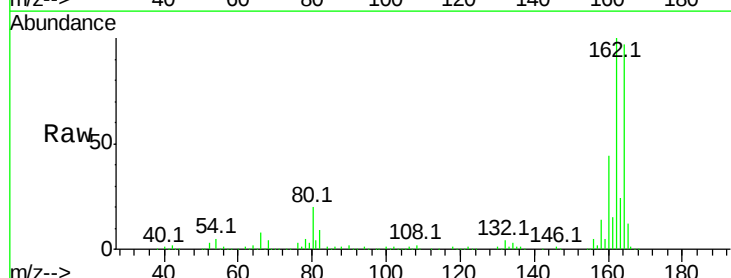
Ion Ratio Lower Upper

165 100

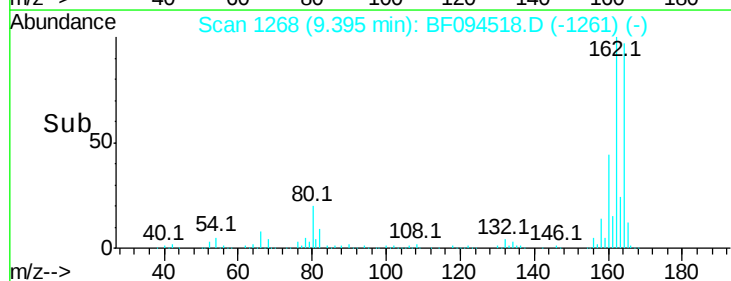
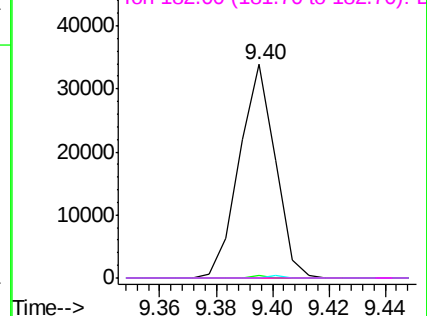
63 1.4 25.4 38.0#

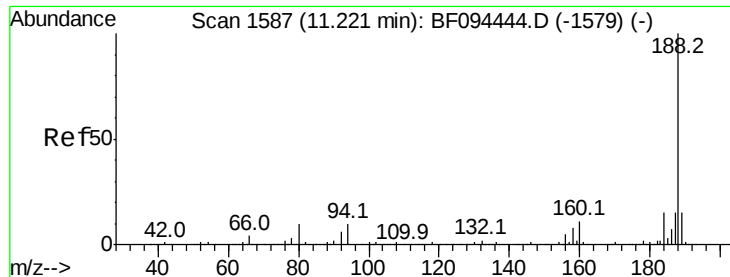
89 0.0 46.4 69.6#

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

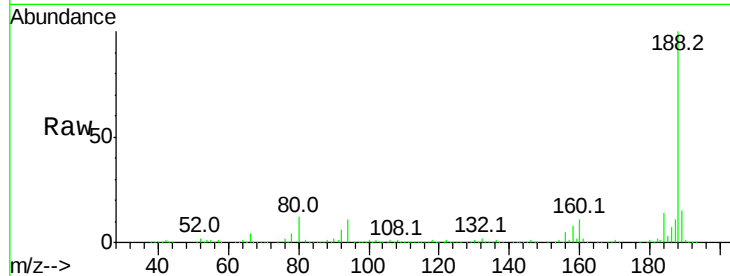




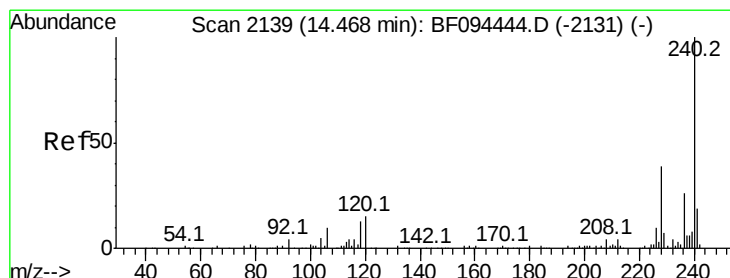
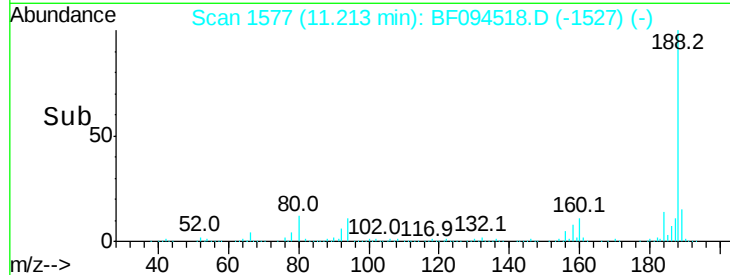
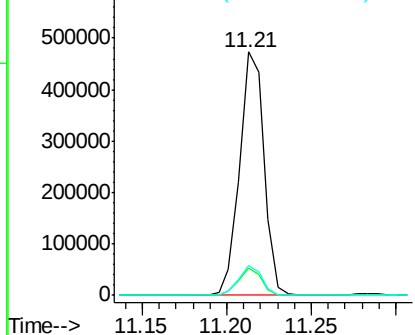
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094518.D
Acq: 19 Apr 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 477385
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.2 10.2 15.2

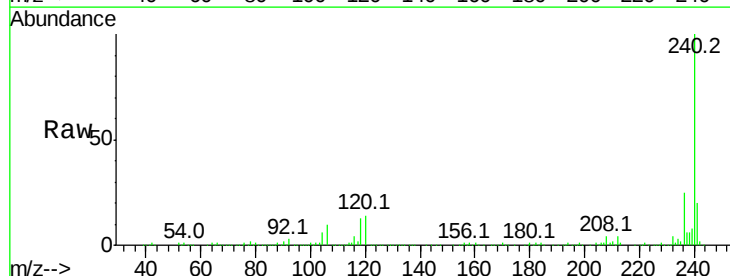


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

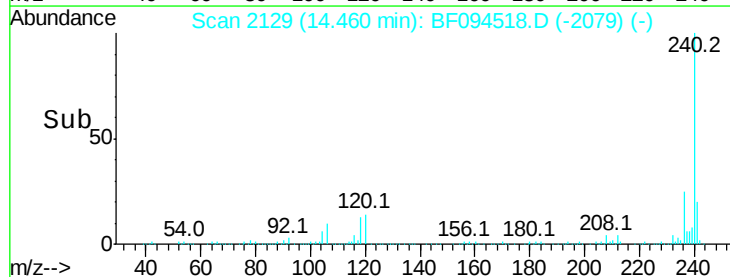
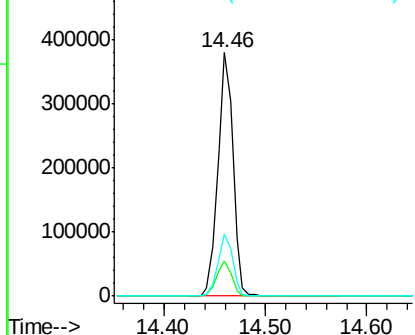


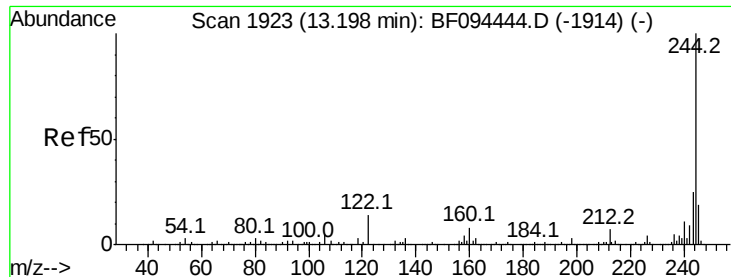
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094518.D
Acq: 19 Apr 2017 16:23

Tgt Ion:240 Resp: 395189
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.3 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

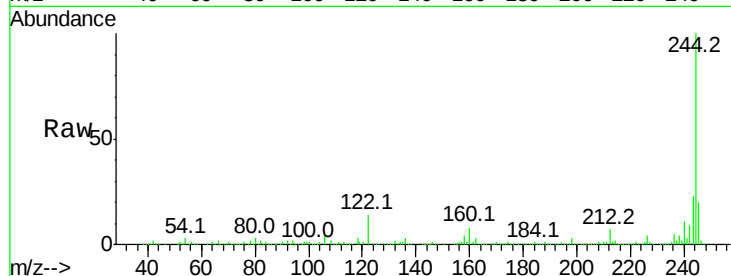




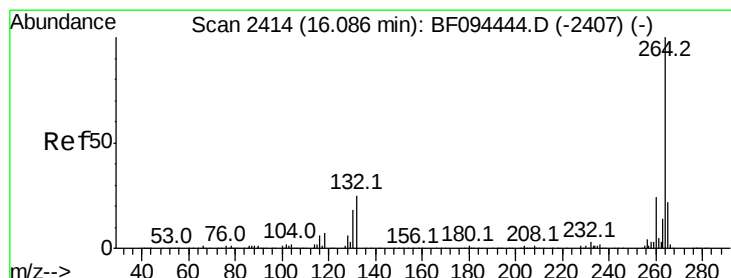
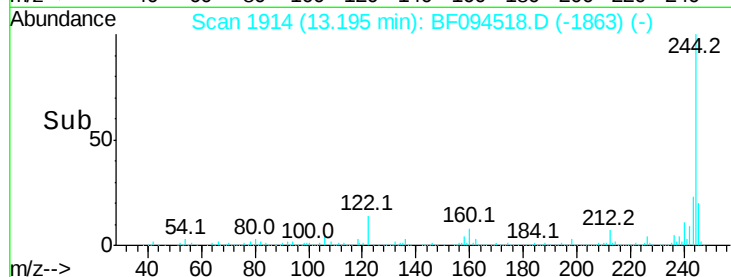
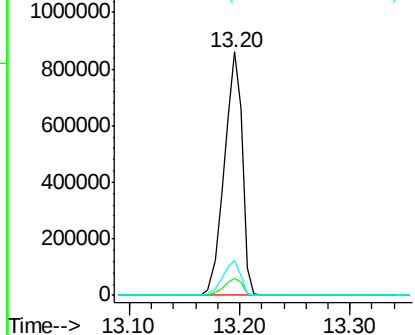
#78
 Terphenyl-d14
 Concen: 66.14 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094518.D
 Acq: 19 Apr 2017 16:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 977871
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.1 10.3 15.5

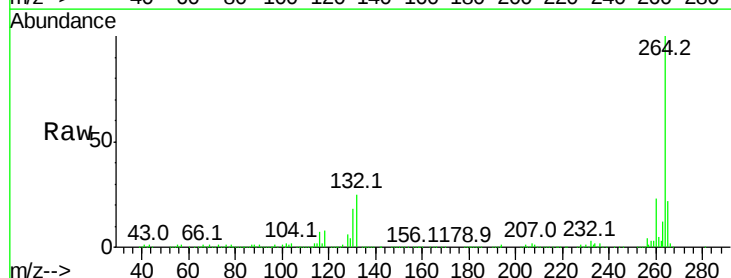


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094518.D
 Acq: 19 Apr 2017 16:23

Tgt Ion:264 Resp: 288979
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.7 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

