

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094417.D
 Acq On : 14 Apr 2017 4:31
 Operator : SJ/MA
 Sample : I2671-01 50X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 05:15:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

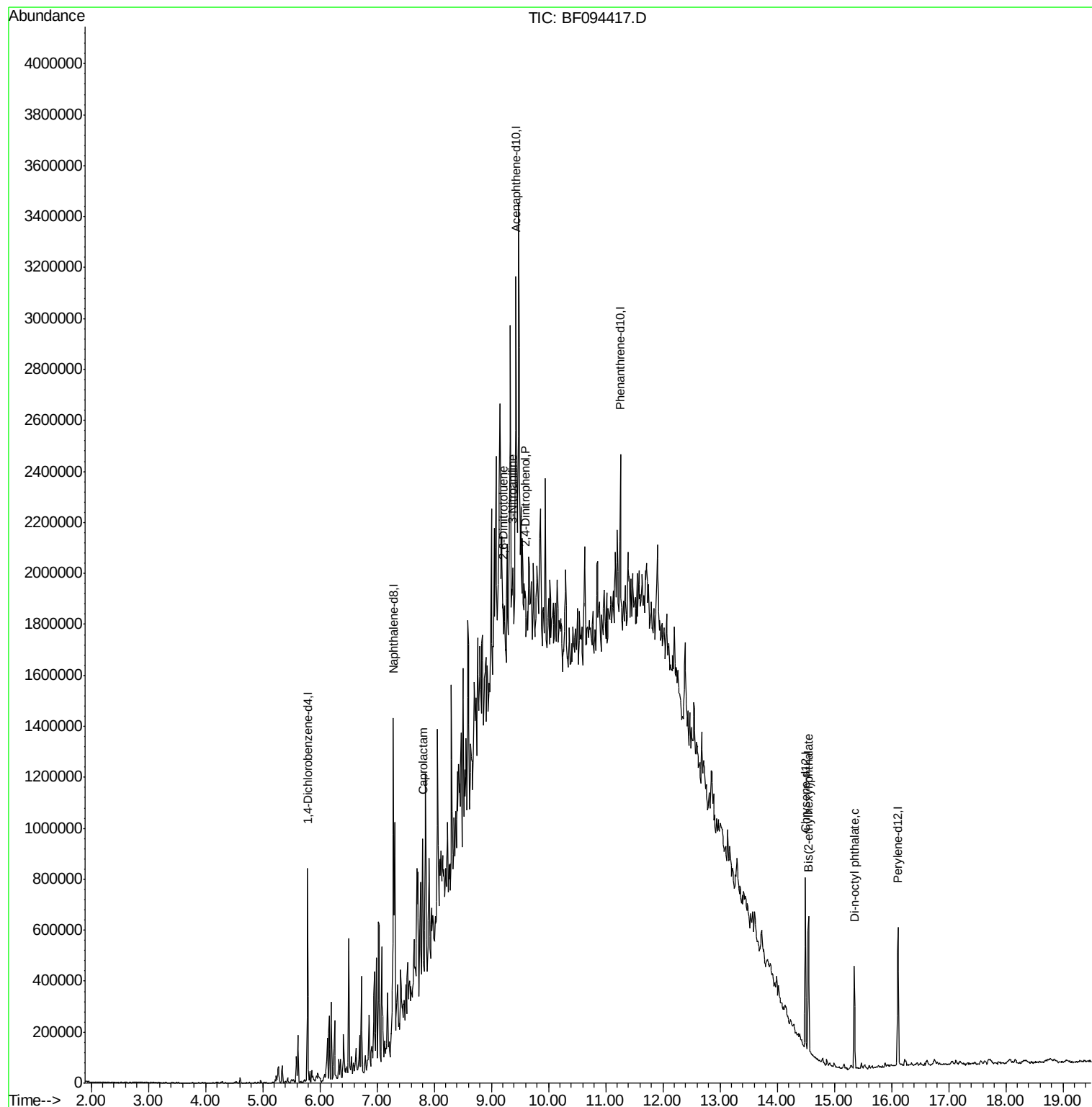
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	138184	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	525933	20.00	ng	-0.05
38) Acenaphthene-d10	9.43	164	196196	20.00	ng	-0.04
63) Phenanthrene-d10	11.25	188	308161	20.00	ng	-0.04
75) Chrysene-d12	14.49	240	272463	20.00	ng	-0.06
86) Perylene-d12	16.12	264	212722	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	221	0.03	ng	-0.04
7) Phenol-d6	5.42	99	714	0.07	ng	-0.05
23) Nitrobenzene-d5	6.43	82	1853	0.20	ng	-0.05
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.61	172	1236	0.10	ng	-0.05
78) Terphenyl-d14	13.22	244	2149	0.18	ng	-0.05
Target Compounds						
35) Caprolactam	7.80	113	5102	2.29	ng	# 1
50) 2,6-Dinitrotoluene	9.20	165	8316	2.60	ng	# 51
52) 3-Nitroaniline	9.38	138	7557	2.01	ng	# 23
53) 2,4-Dinitrophenol	9.59	184	115	4.73	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.55	149	177477	15.44	ng	# 98
84) Di-n-octyl phthalate	15.35	149	40994	2.13	ng	# 41

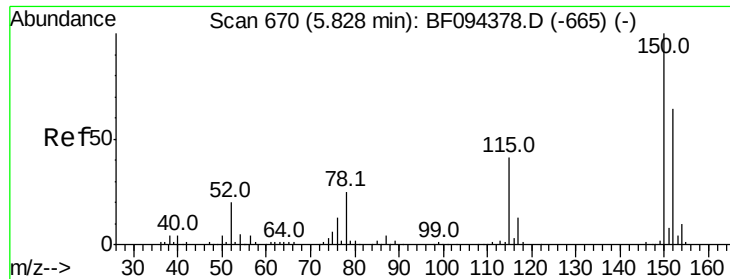
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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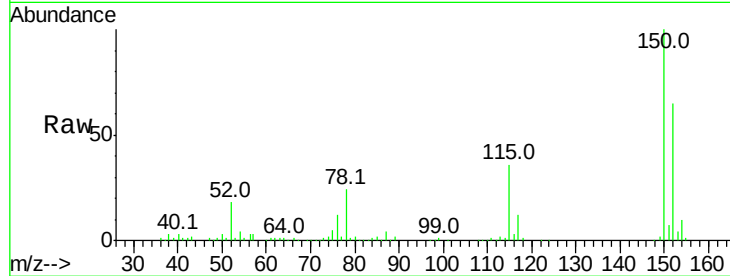


#1

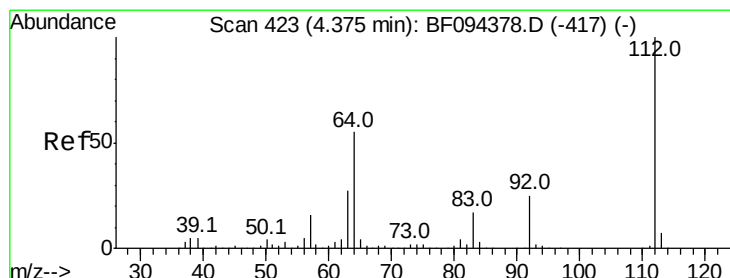
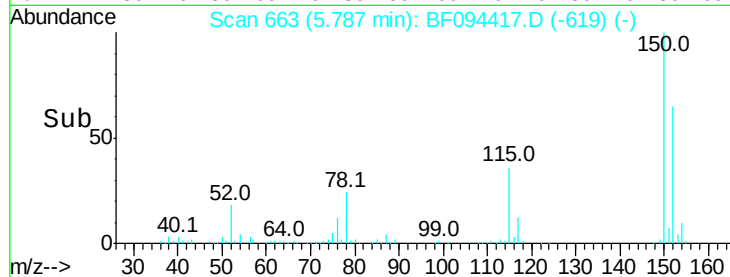
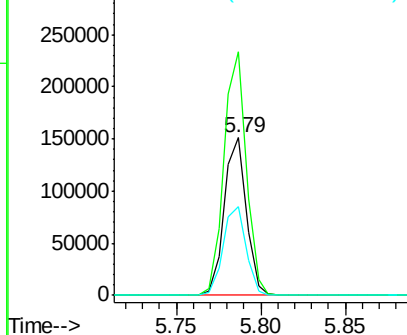
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138184
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 56.2 52.2 78.2



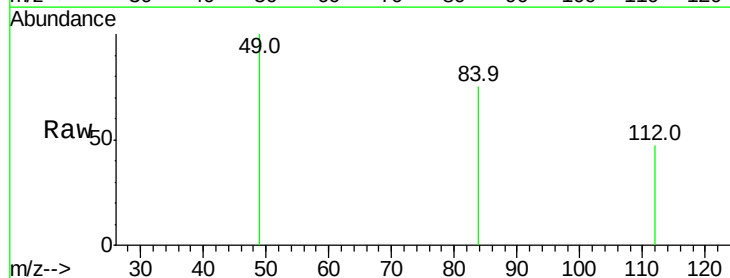
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



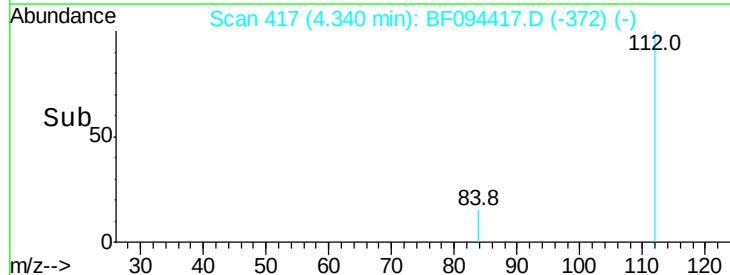
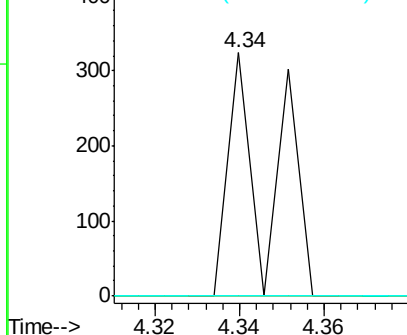
#5

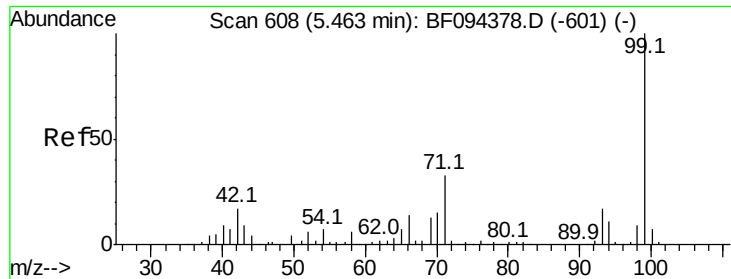
2-Fluorophenol
Concen: 0.03 ng
RT: 4.34 min Scan# 417
Delta R.T. -0.04 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

Tgt Ion:112 Resp: 221
Ion Ratio Lower Upper
112 100
64 0.0 46.0 69.0#
63 0.0 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: 0.07 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

Instrument :

BNA_F

ClientSampled :

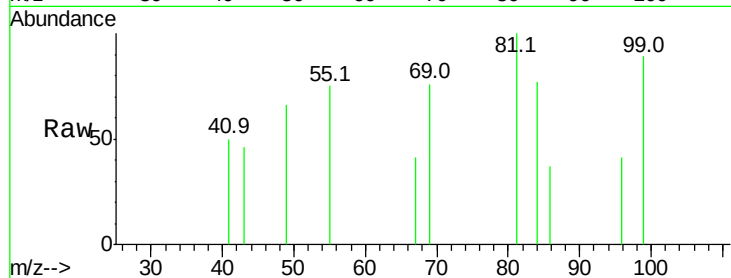
Tot Ion: 99 Resp: 714

Ion Ratio Lower Upper

99 100

42 0.0 13.5 20.3#

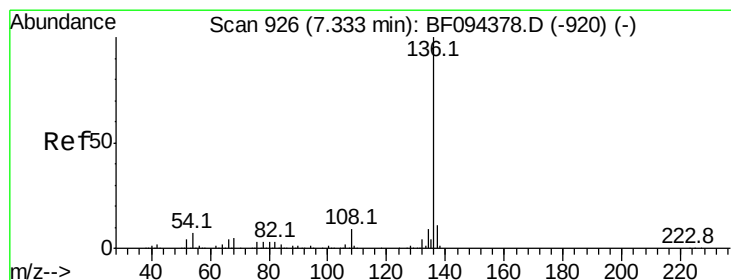
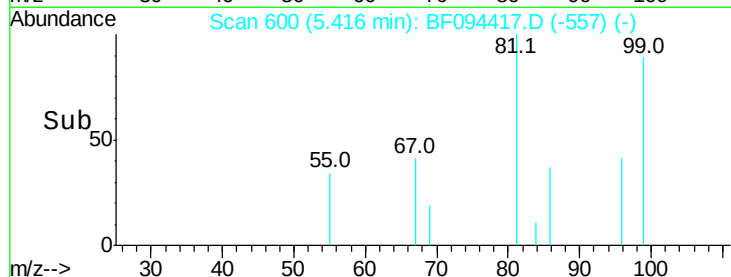
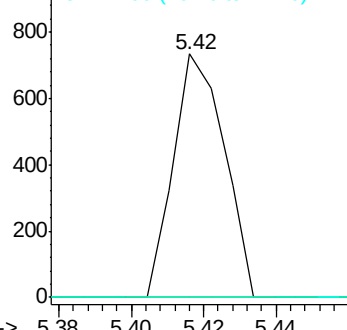
71 0.0 24.5 36.7#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

Tgt Ion: 136 Resp: 525933

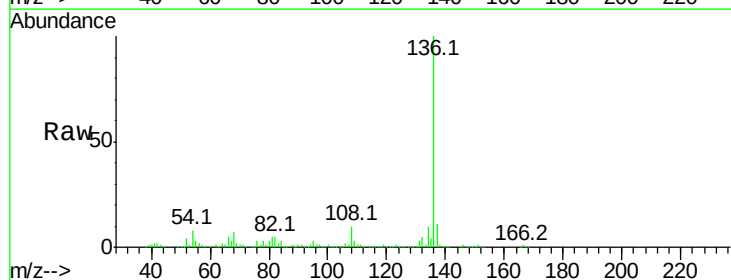
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.8 4.9 7.3#

68 6.6 4.1 6.1#

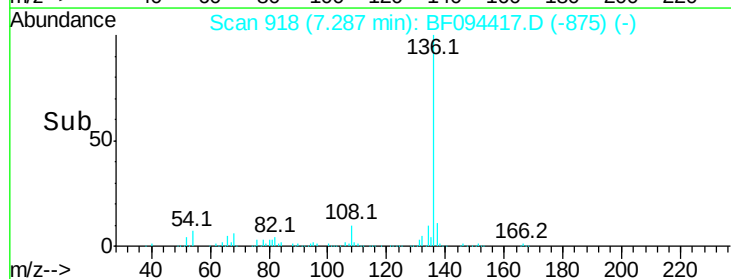
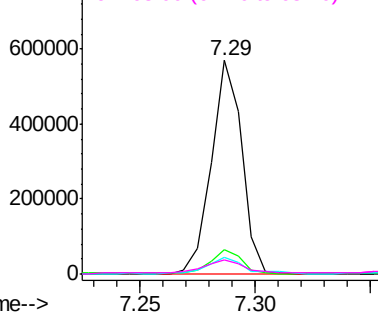


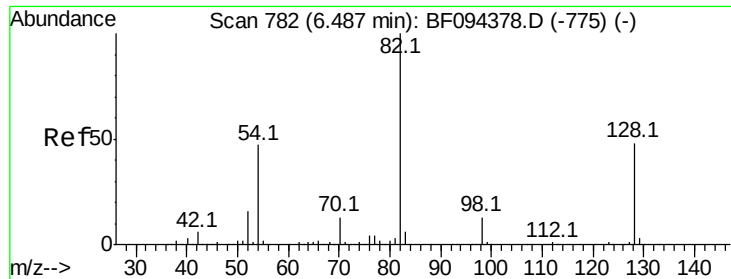
Abundance Ion 136.00 (135.70 to 136.70): E

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

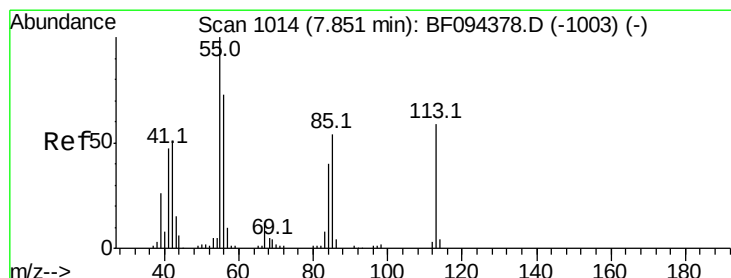
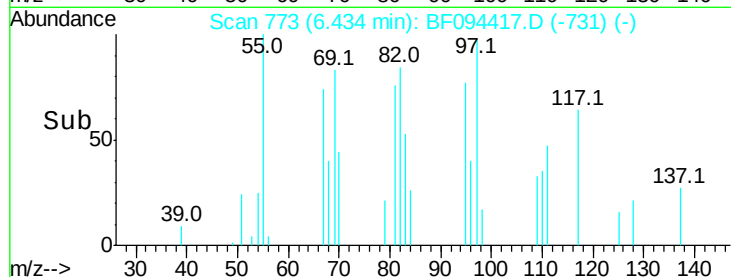
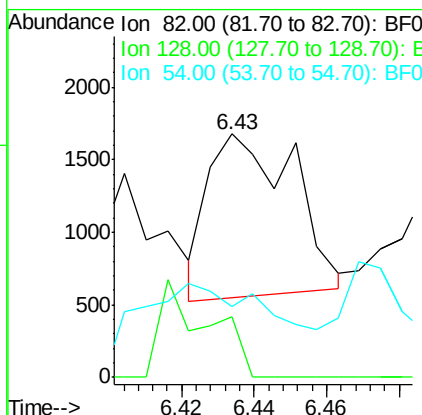
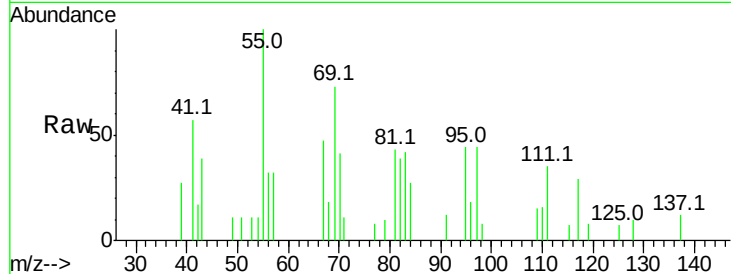




#23
Nitrobenzene-d5
Concen: 0.20 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.05 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

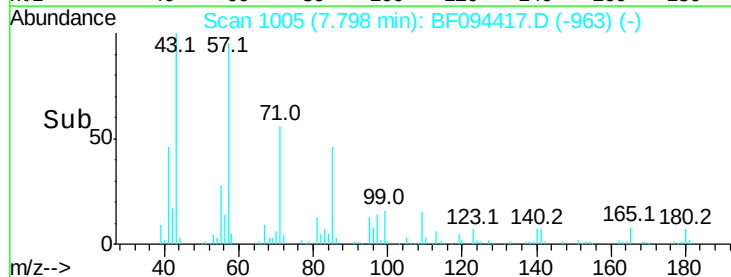
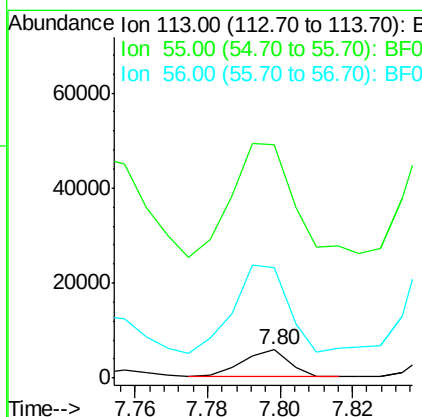
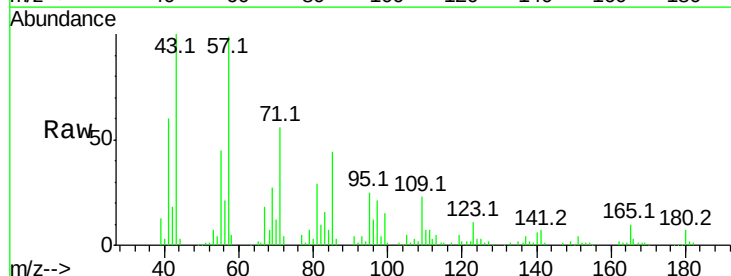
Instrument :
BNA_F
ClientSampleId :

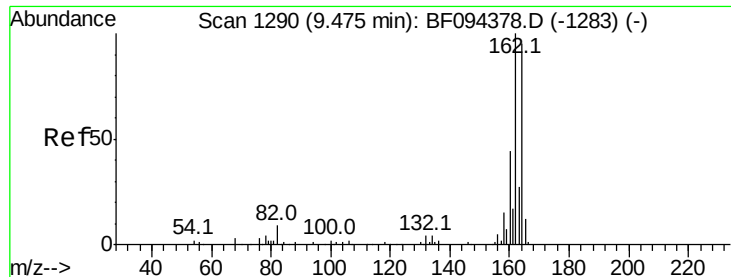
Tot Ion: 82 Resp: 1853
Ion Ratio Lower Upper
82 100
128 24.8 34.0 51.0#
54 29.1 42.2 63.2#



#35
Caprolactam
Concen: 2.29 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.05 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

Tgt Ion: 113 Resp: 5102
Ion Ratio Lower Upper
113 100
55 826.0 150.2 190.2#
56 392.6 107.8 147.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.43 min Scan# 1283

Delta R.T. -0.04 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

Instrument :

BNA_F

ClientSampleId :

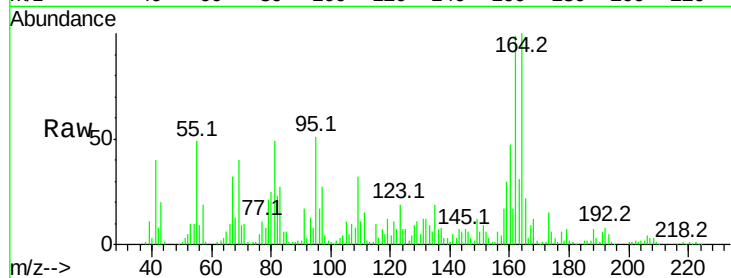
Tot Ion:164 Resp: 196196

Ion Ratio Lower Upper

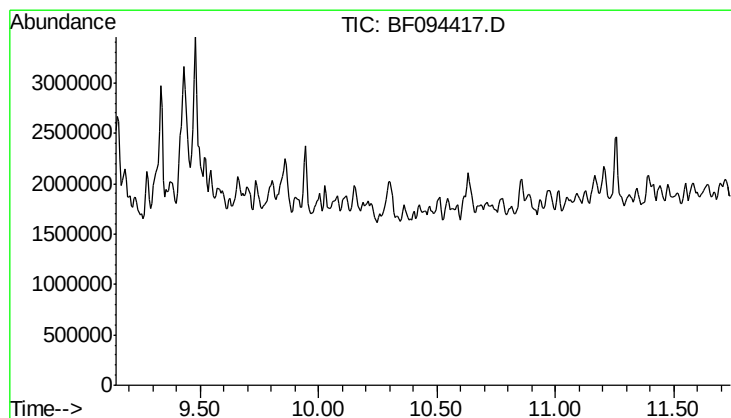
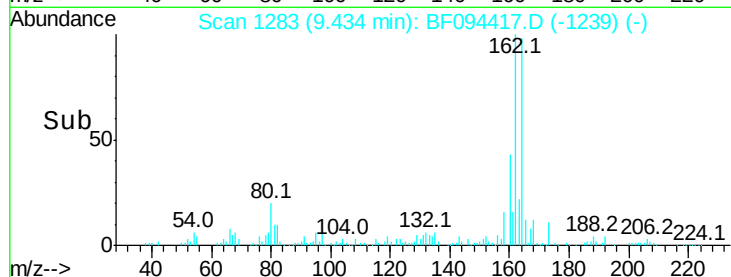
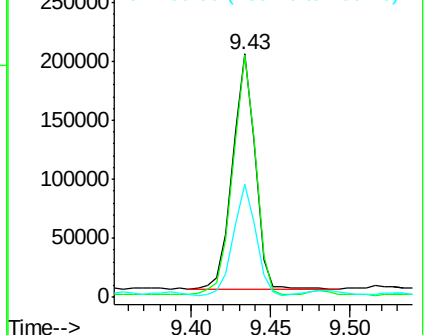
164 100

162 99.4 82.6 123.8

160 46.6 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: 0.00 ng

Expected RT: 10.45 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

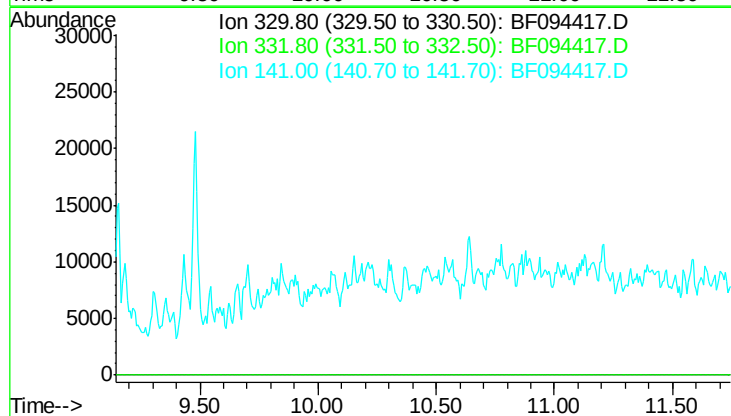
Tgt Ion: 330

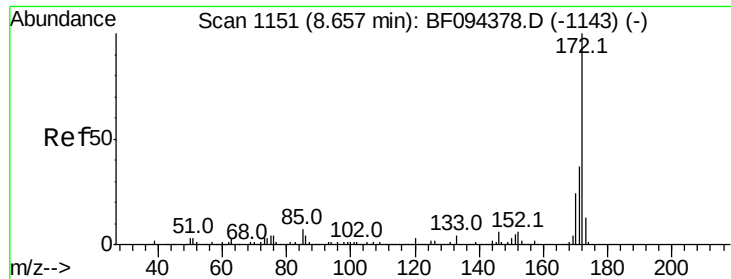
Sig Exp Ratio

330 100

332 95.8

141 39.3





#44

2-Fluorobiphenyl

Concen: 0.10 ng

RT: 8.61 min Scan# 1143

Delta R.T. -0.05 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

Instrument :

BNA_F

ClientSampled :

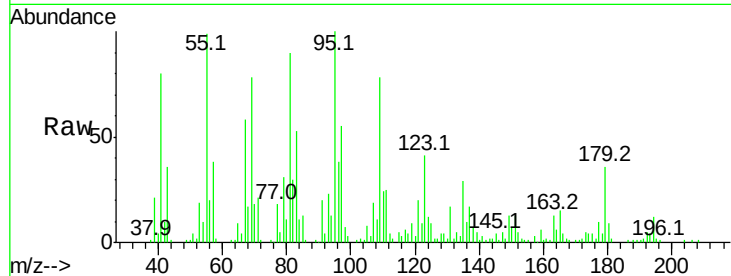
Tot Ion:172 Resp: 1236

Ion Ratio Lower Upper

172 100

171 43.4 29.6 44.4

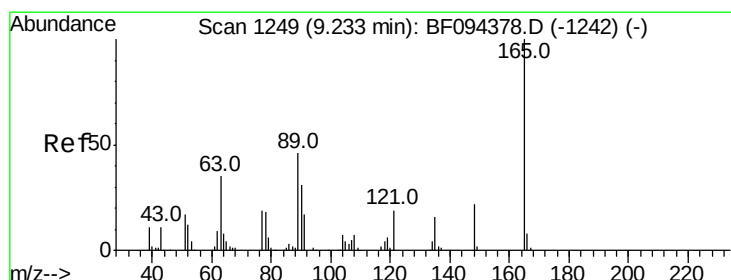
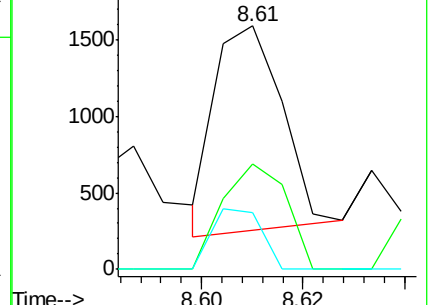
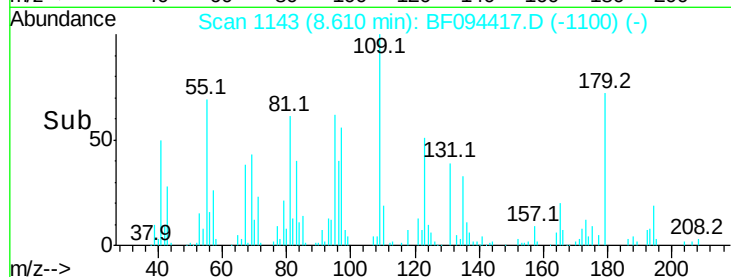
170 23.2 19.8 29.8



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



#50

2,6-Dinitrotoluene

Concen: 2.60 ng

RT: 9.20 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

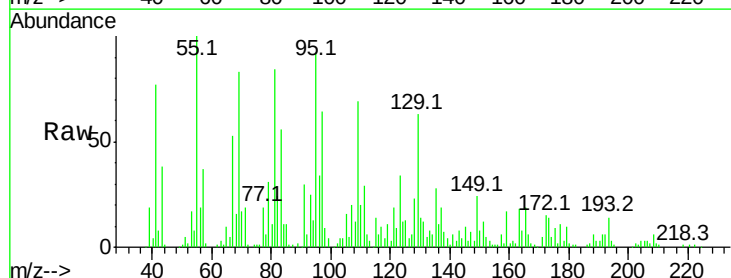
Tgt Ion:165 Resp: 8316

Ion Ratio Lower Upper

165 100

63 14.3 34.3 51.5#

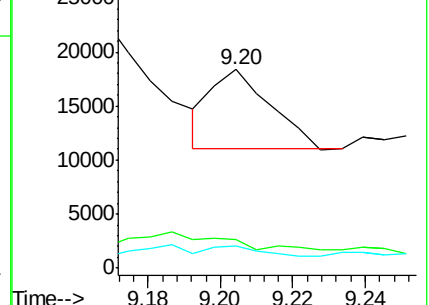
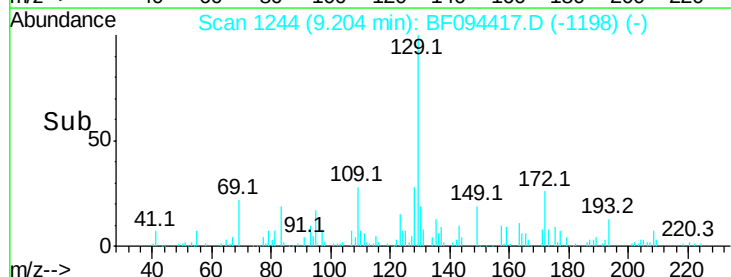
89 11.1 37.1 55.7#

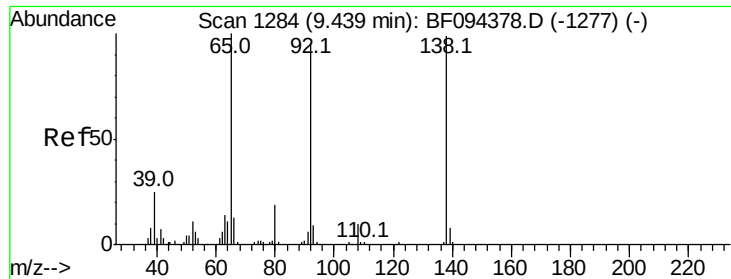


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

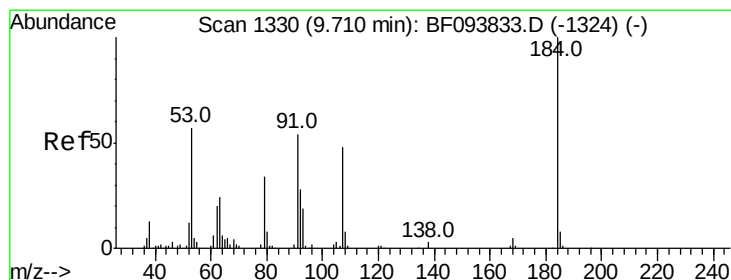
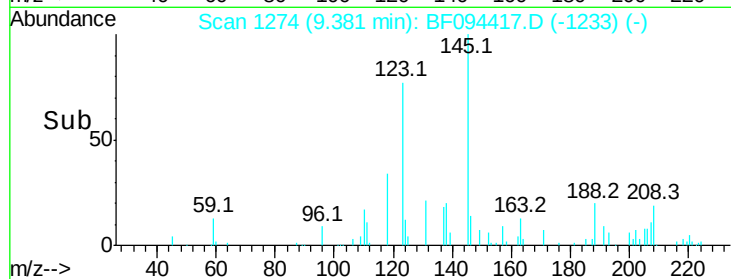
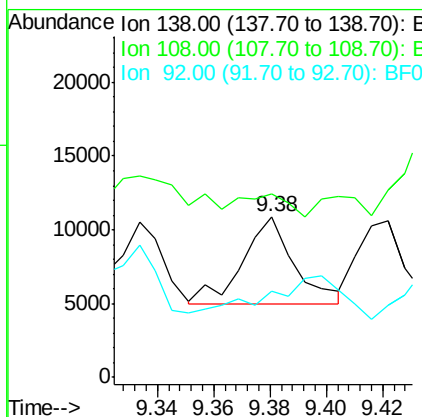
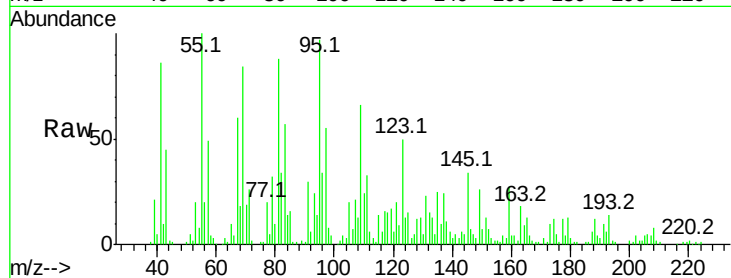




#52
3-Nitroaniline
Concen: 2.01 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.06 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

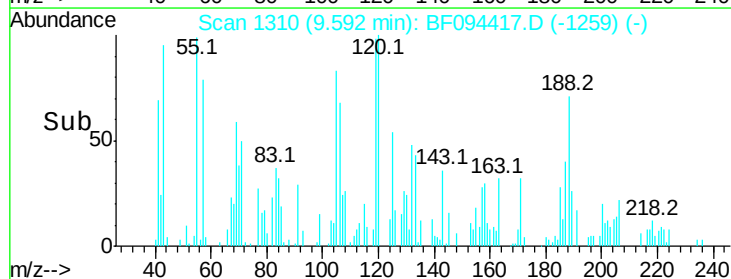
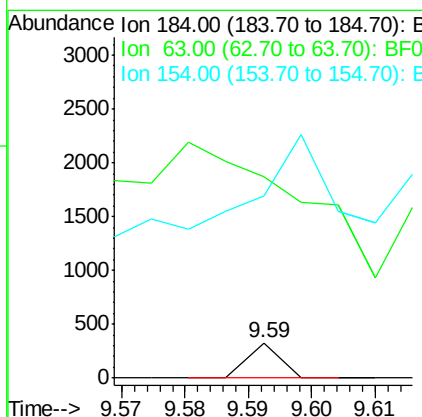
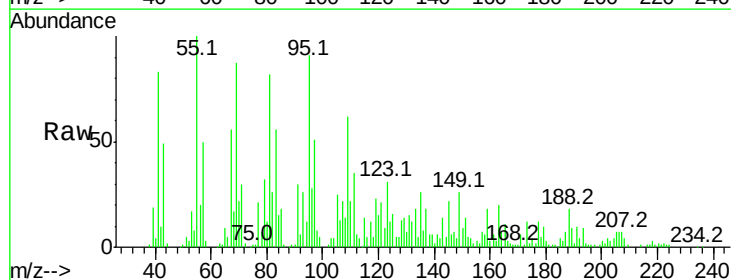
Instrument :
BNA_F
ClientSampled :

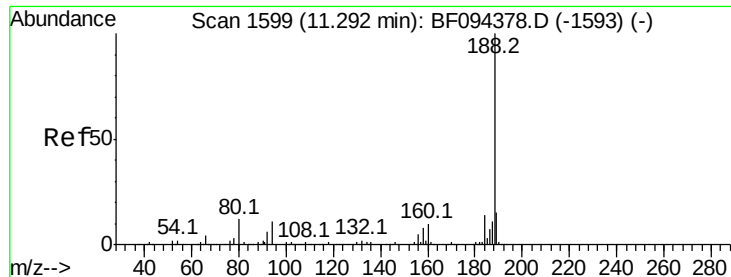
Tot Ion:138 Resp: 7557
Ion Ratio Lower Upper
138 100
108 114.1 9.1 13.7#
92 53.7 93.8 140.6#



#53
2,4-Dinitrophenol
Concen: 4.73 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

Tgt Ion:184 Resp: 115
Ion Ratio Lower Upper
184 100
63 573.1 62.7 94.1#
154 517.4 81.1 121.7#

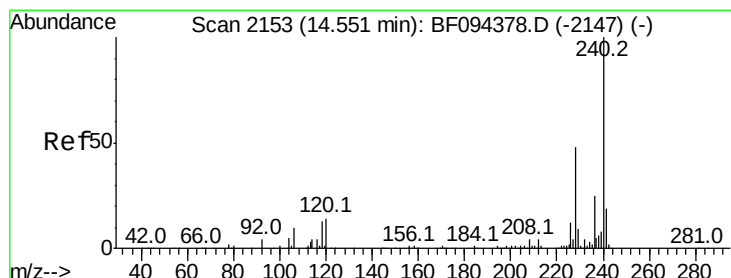
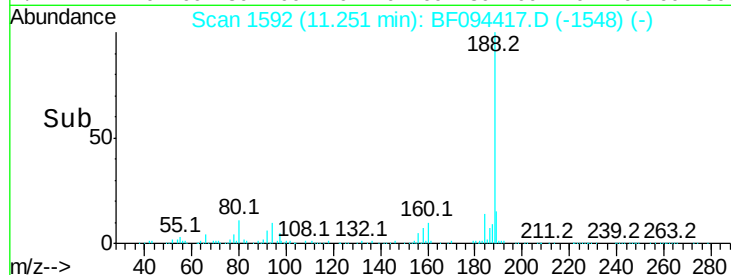
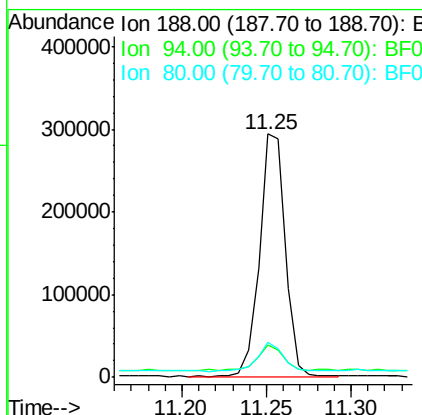
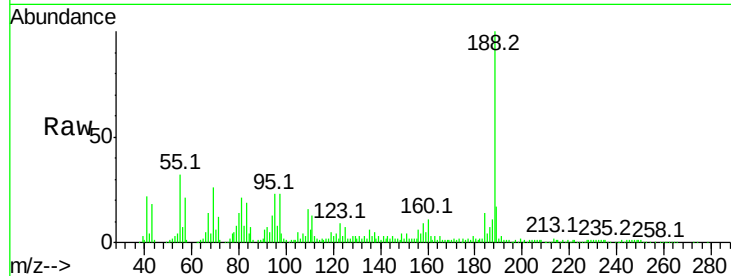




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1592
Delta R.T. -0.04 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

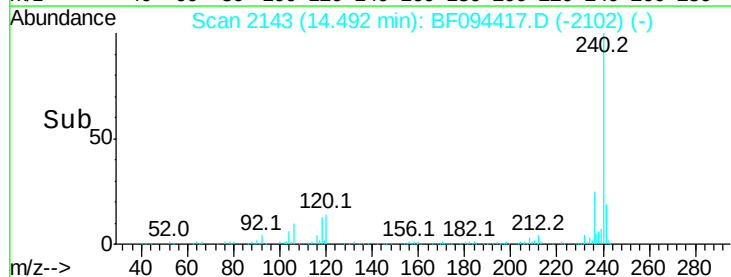
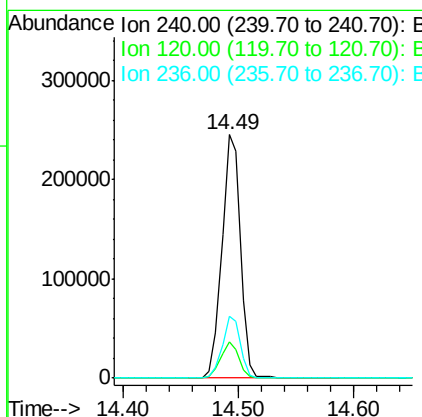
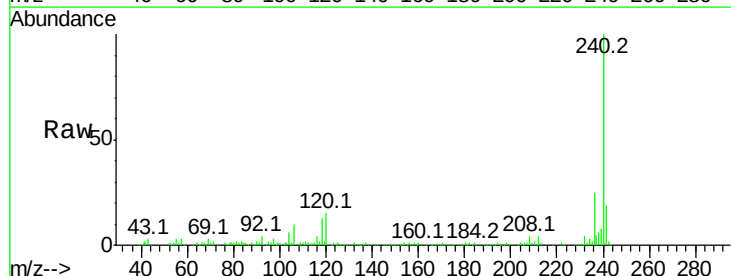
Instrument :
BNA_F
ClientSampleId :

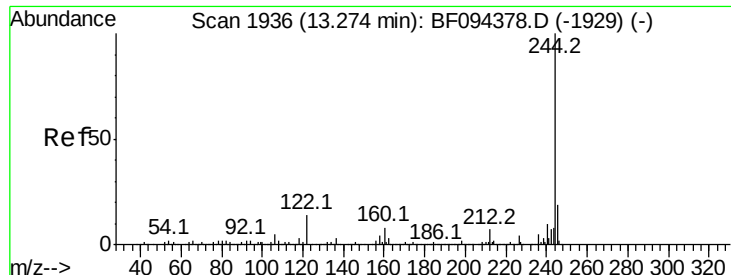
Tot Ion:188 Resp: 308161
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 14.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.06 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

Tgt Ion:240 Resp: 272463
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.3 20.5 30.7





#78

Terphenyl-d14

Concen: 0.18 ng

RT: 13.22 min Scan# 1927

Delta R.T. -0.05 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

Instrument :

BNA_F

ClientSampleId :

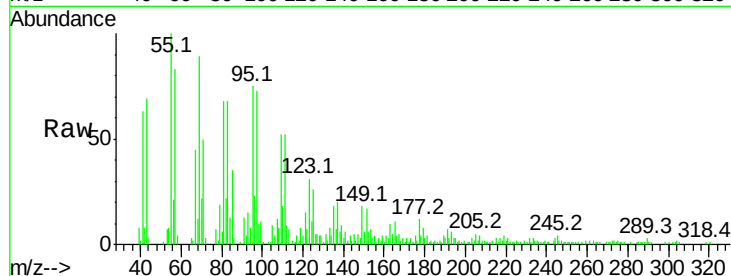
Tot Ion:244 Resp: 2149

Ion Ratio Lower Upper

244 100

212 25.0 6.0 9.0#

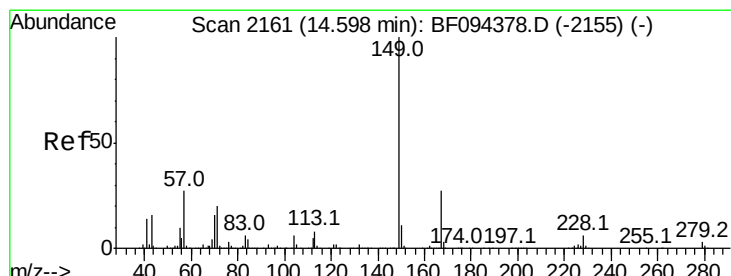
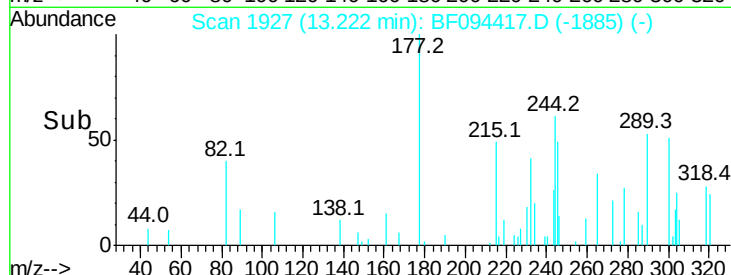
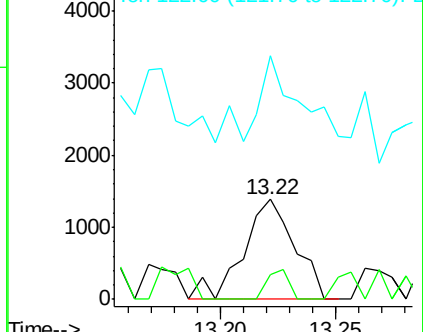
122 243.7 10.3 15.5#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 15.44 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.05 min

Lab File: BF094417.D

Acq: 14 Apr 2017 4:31

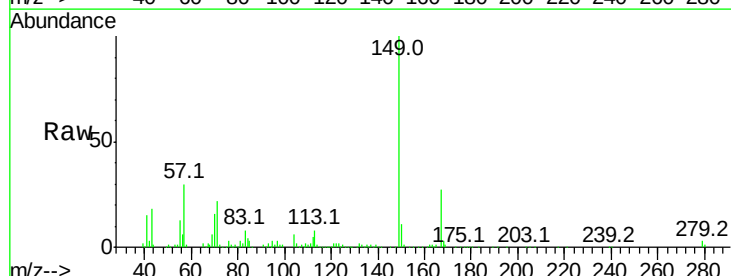
Tgt Ion:149 Resp: 177477

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

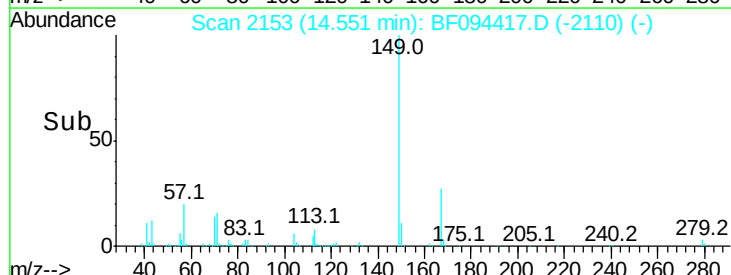
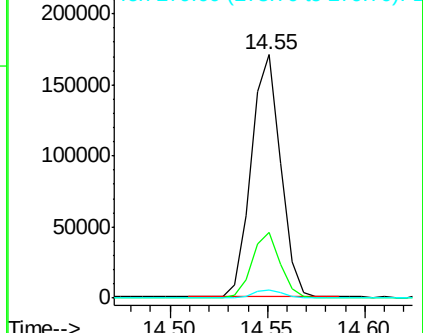
279 3.1 1.9 2.9#

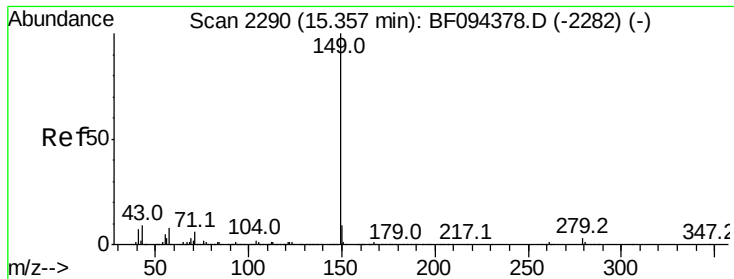


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

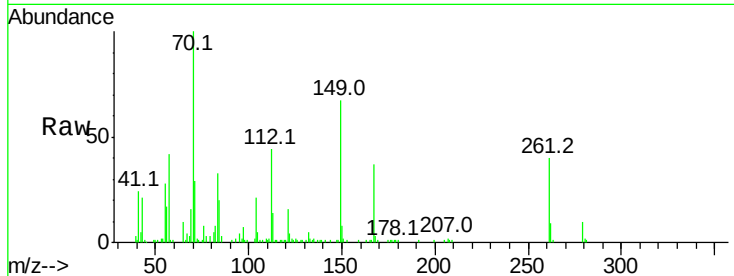




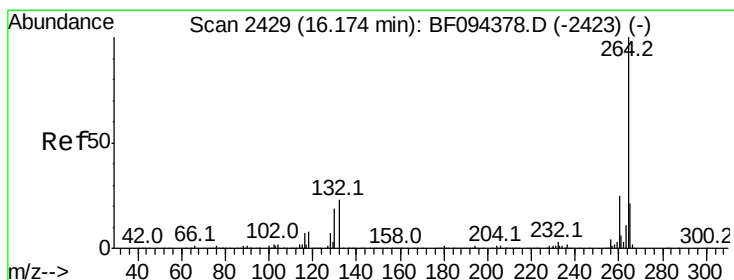
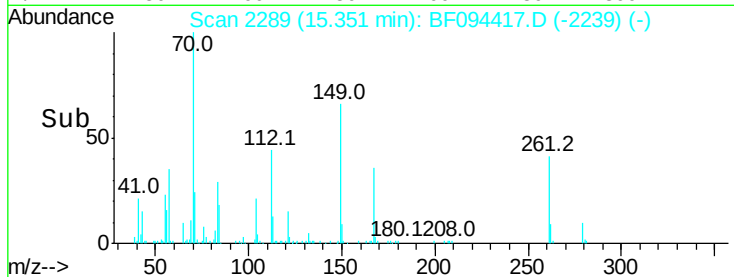
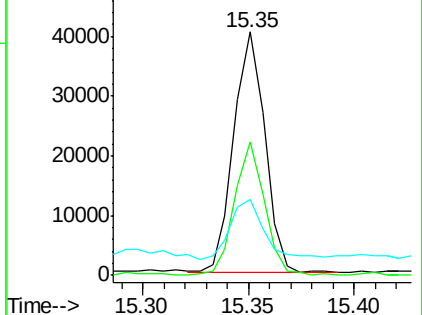
#84
Di-n-octyl phthalate
Concen: 2.13 ng
RT: 15.35 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	54.1	1.2	1.8#
43	28.7	8.5	12.7#

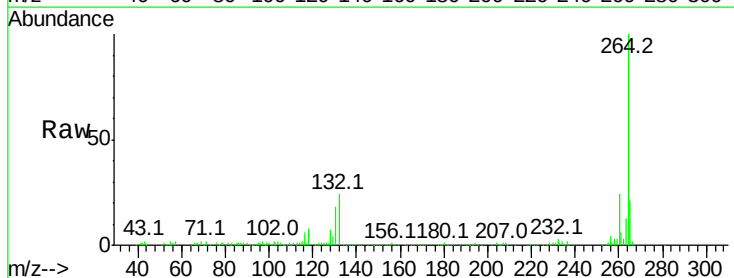


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 2419
Delta R.T. -0.06 min
Lab File: BF094417.D
Acq: 14 Apr 2017 4:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.2	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

