

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094728.D
 Acq On : 30 Apr 2017 21:25
 Operator : SJ/MA
 Sample : I2860-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:22:58 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

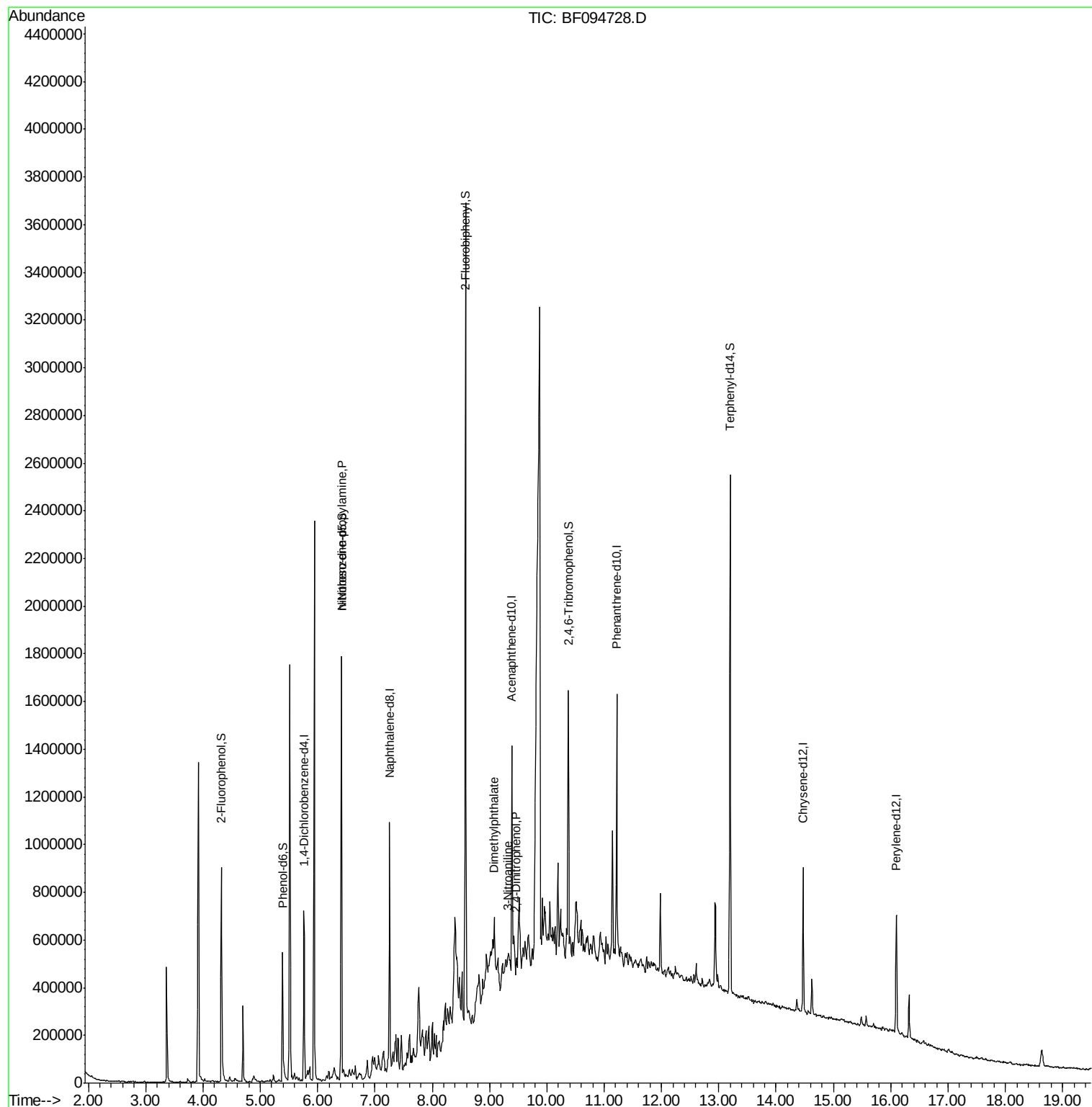
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	116538	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	468674	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	210454	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	352503	20.00	ng	0.00
75) Chrysene-d12	14.47	240	236620	20.00	ng	0.00
86) Perylene-d12	16.10	264	211927	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	296483	42.21	ng	0.02
7) Phenol-d6	5.39	99	249548	30.13	ng	0.00
23) Nitrobenzene-d5	6.42	82	666624	87.83	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	162269	98.58	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1291258	90.28	ng	0.00
78) Terphenyl-d14	13.20	244	868894	98.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	91078	16.60	ng	# 74
49) Dimethylphthalate	9.08	163	71529	4.56	ng	# 68
52) 3-Nitroaniline	9.32	138	8411	2.07	ng	# 14
53) 2,4-Dinitrophenol	9.47	184	118	5.82	ng	# 1

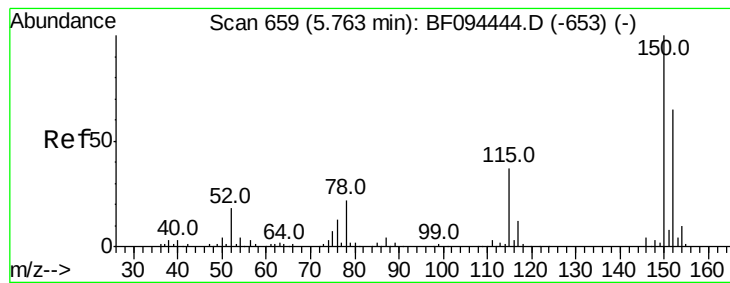
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094728.D

Acq: 30 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

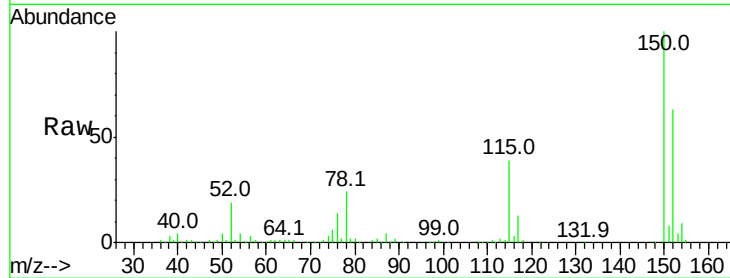
Tot Ion:152 Resp: 116538

Ion Ratio Lower Upper

152 100

150 159.6 126.2 189.2

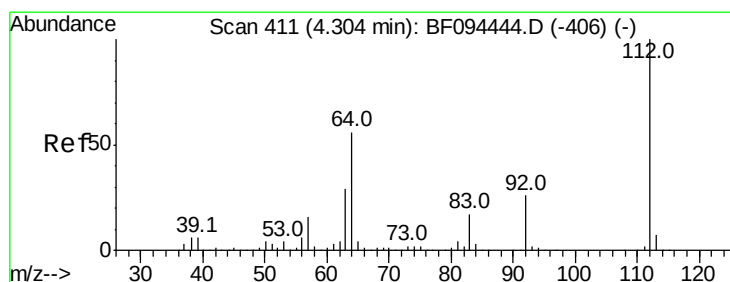
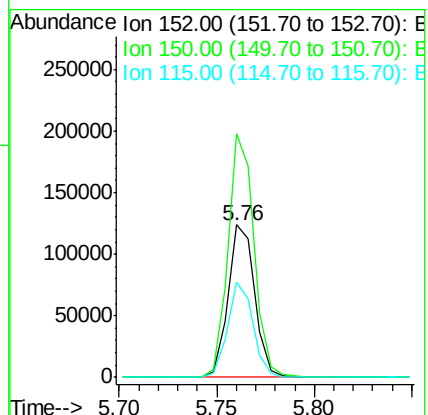
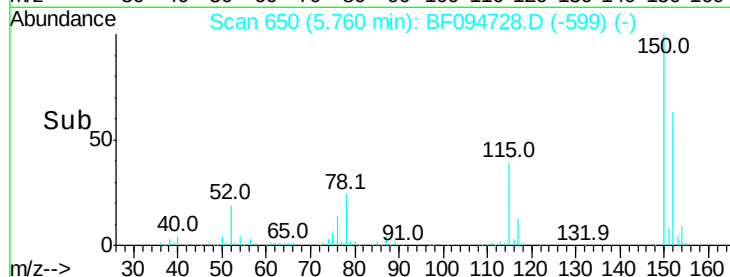
115 62.1 52.2 78.2



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: 42.21 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.02 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

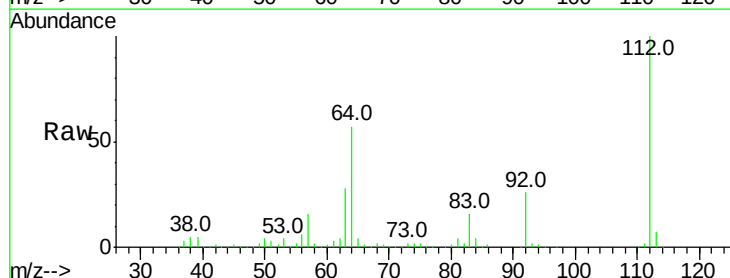
Tgt Ion:112 Resp: 296483

Ion Ratio Lower Upper

112 100

64 56.9 46.0 69.0

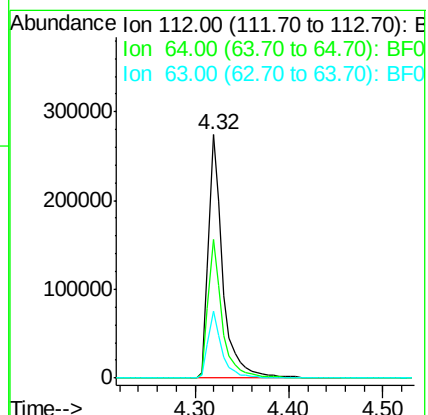
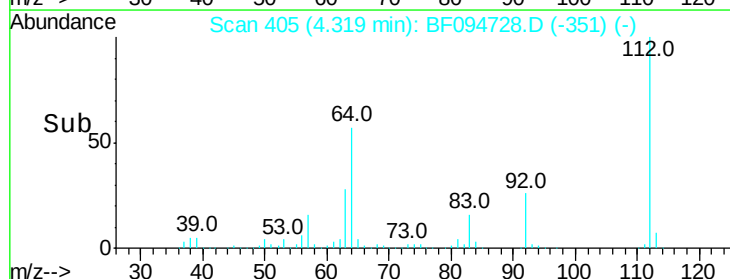
63 27.8 23.4 35.0

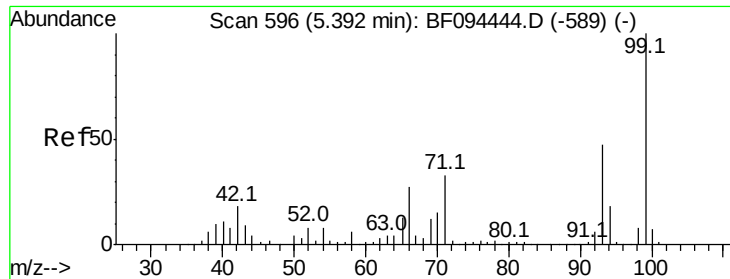


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.13 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

Instrument :

BNA_F

ClientSampled :

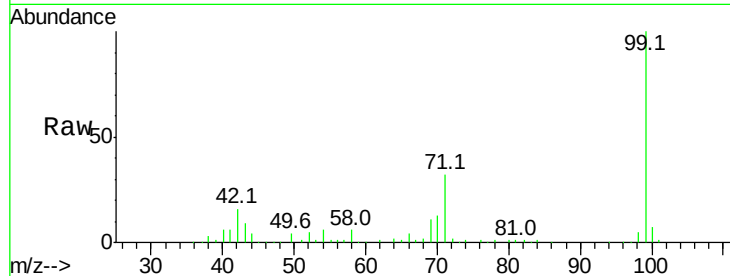
Tot Ion: 99 Resp: 249548

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

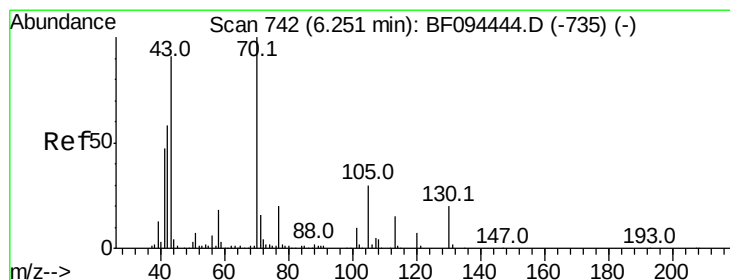
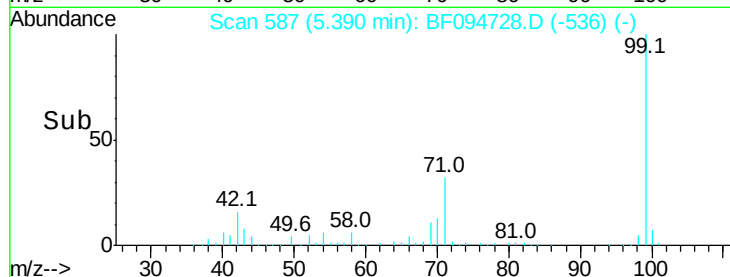
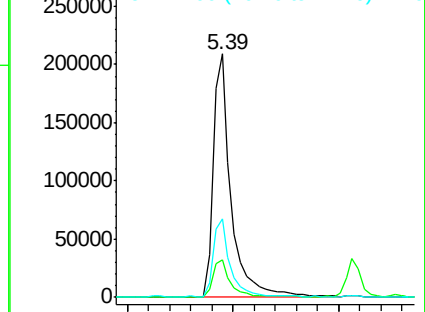
71 32.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.60 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

Tgt Ion: 70 Resp: 91078

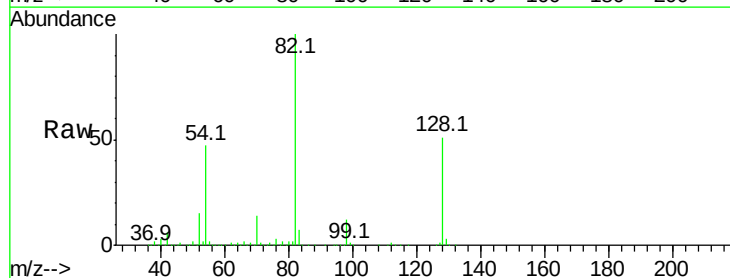
Ion Ratio Lower Upper

70 100

42 43.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

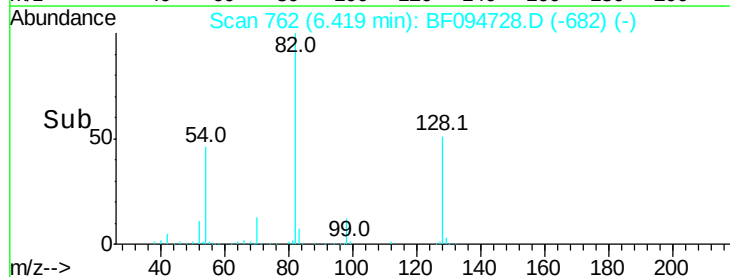
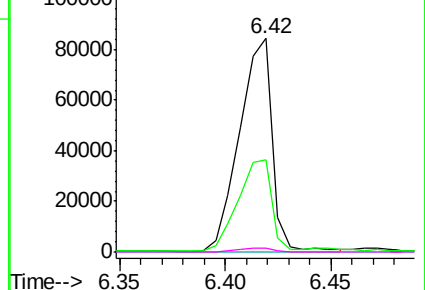


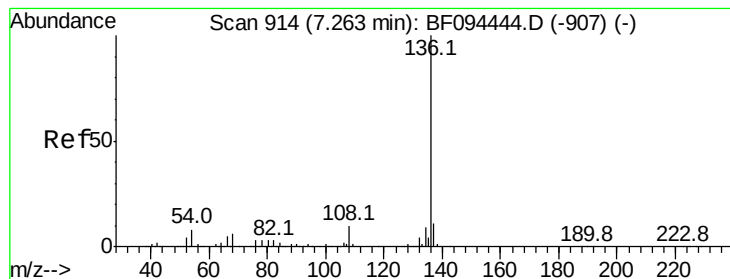
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094728.D

Acq: 30 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 468674

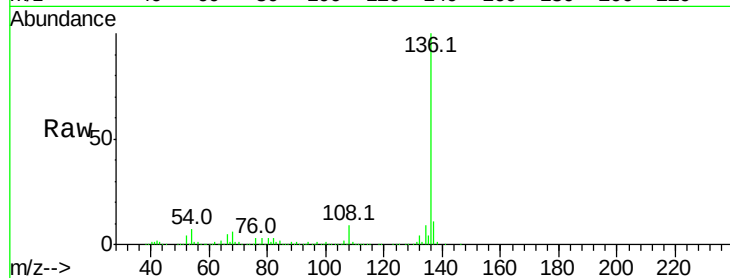
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 6.0 4.1 6.1

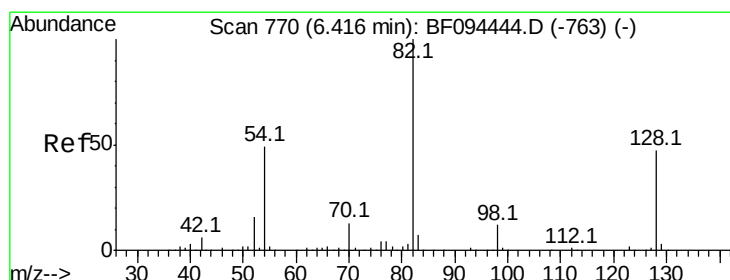
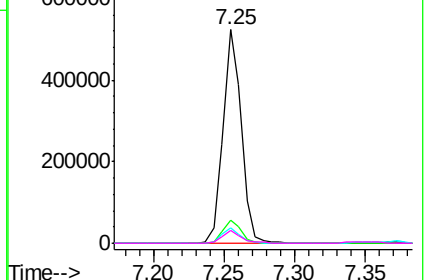
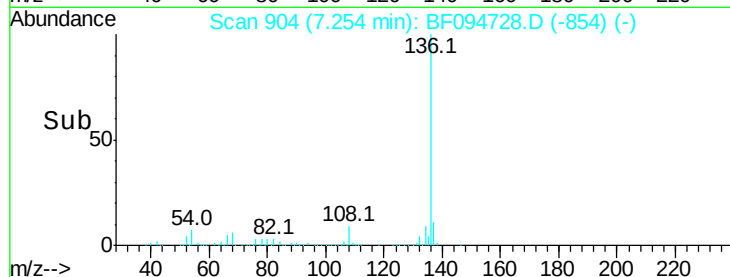


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.83 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

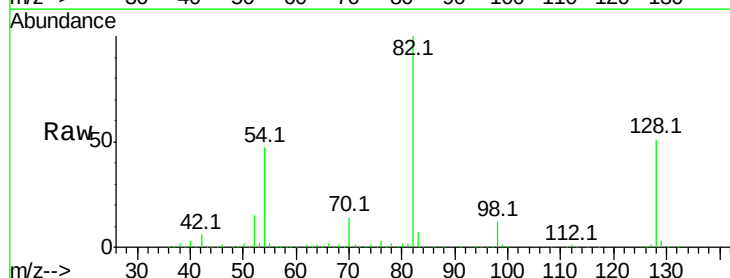
Tgt Ion: 82 Resp: 666624

Ion Ratio Lower Upper

82 100

128 50.5 34.0 51.0

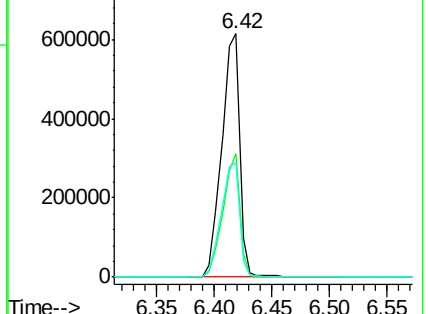
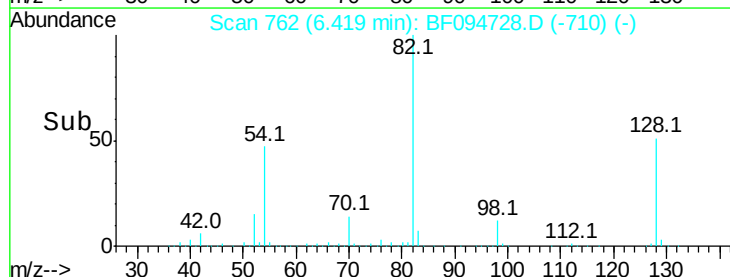
54 46.9 42.2 63.2

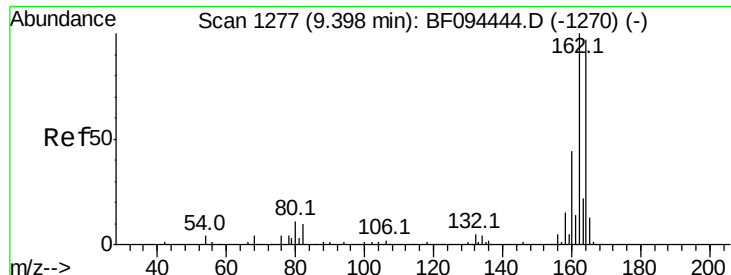


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094728.D

Acq: 30 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

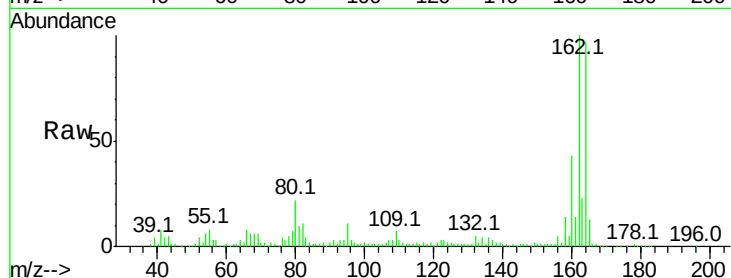
Tot Ion:164 Resp: 210454

Ion Ratio Lower Upper

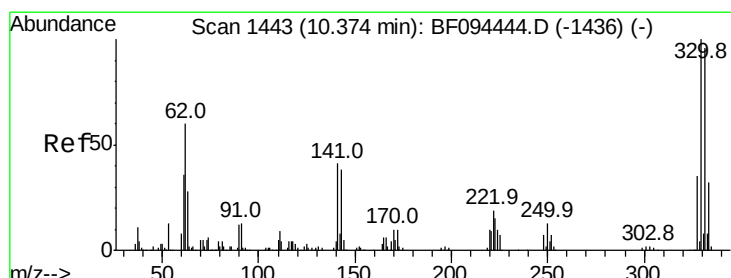
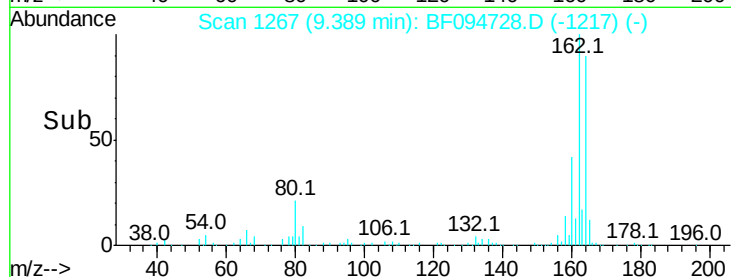
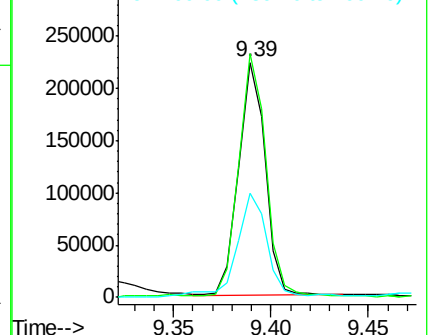
164 100

162 103.6 82.6 123.8

160 44.2 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: 98.58 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

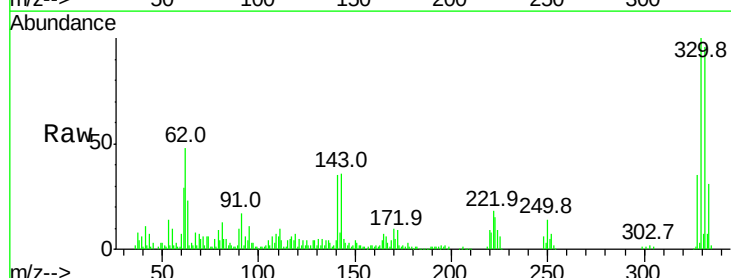
Tgt Ion:330 Resp: 162269

Ion Ratio Lower Upper

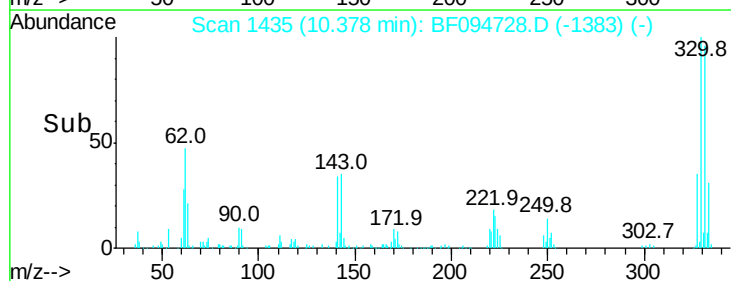
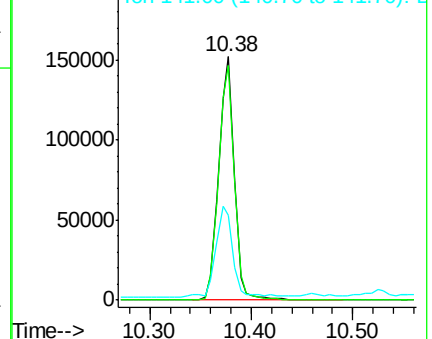
330 100

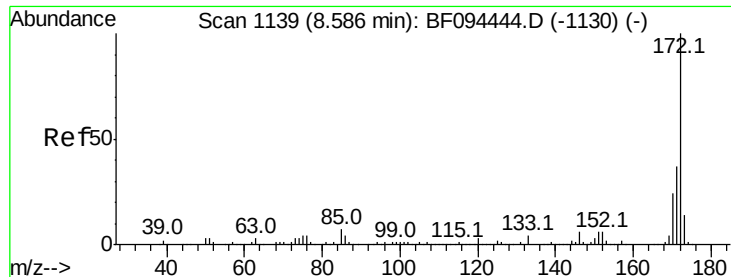
332 98.5 76.6 115.0

141 42.2 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

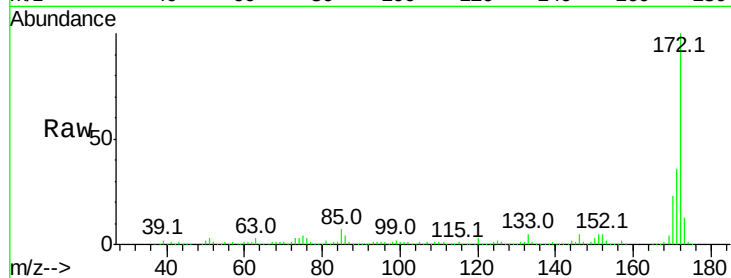




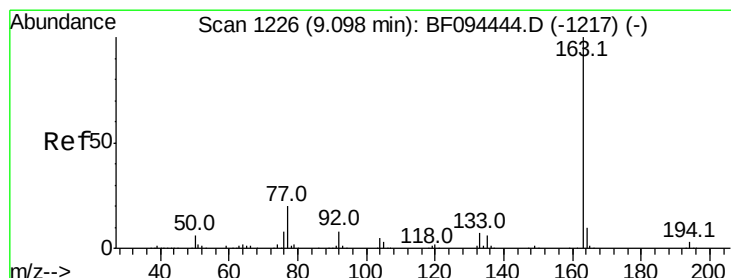
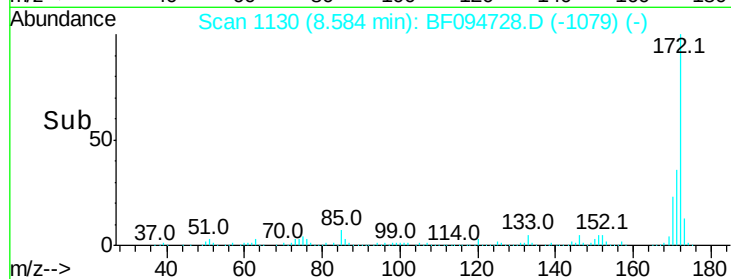
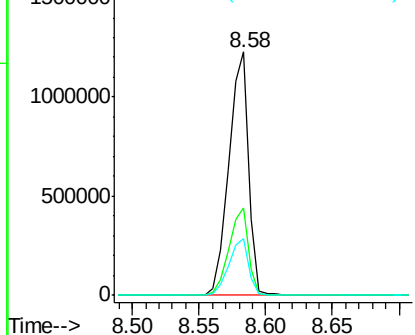
#44
2-Fluorobiphenyl
Concen: 90.28 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094728.D
Acq: 30 Apr 2017 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1291258
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.1 19.8 29.8

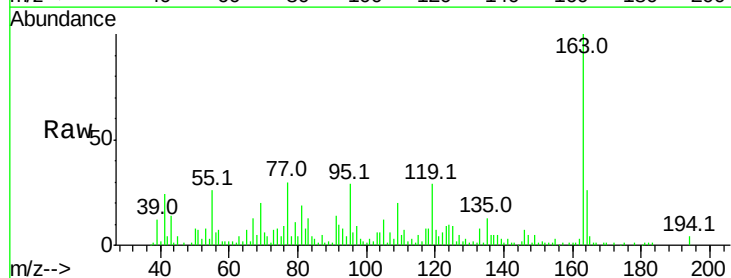


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

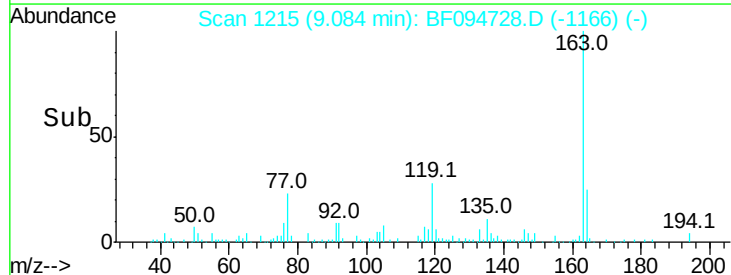
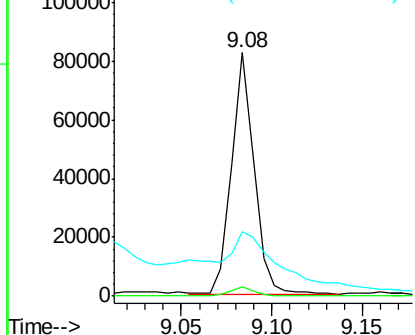


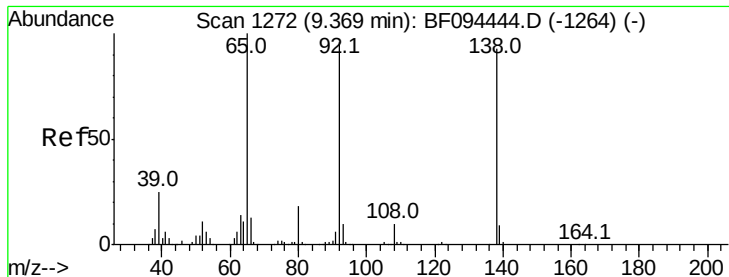
#49
Dimethylphthalate
Concen: 4.56 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094728.D
Acq: 30 Apr 2017 21:25

Tgt Ion:163 Resp: 71529
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 26.3 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





#52

3-Nitroaniline

Concen: 2.07 ng

RT: 9.32 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

Instrument :

BNA_F

ClientSampleId :

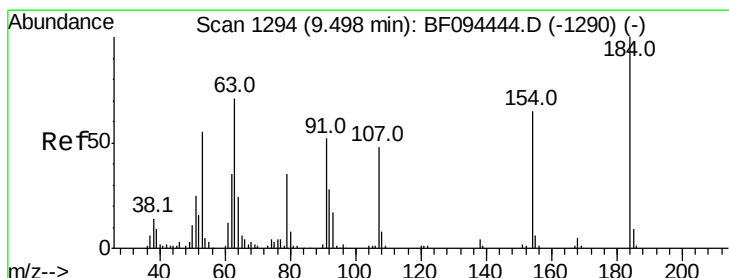
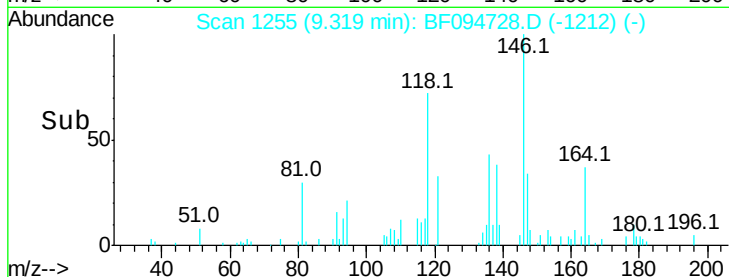
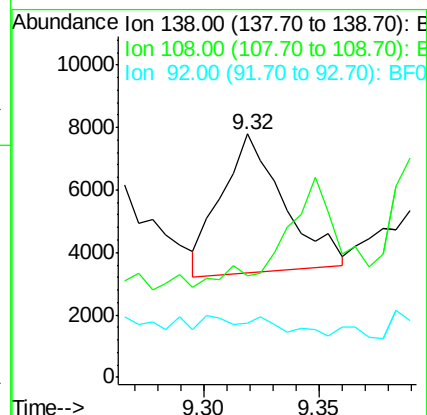
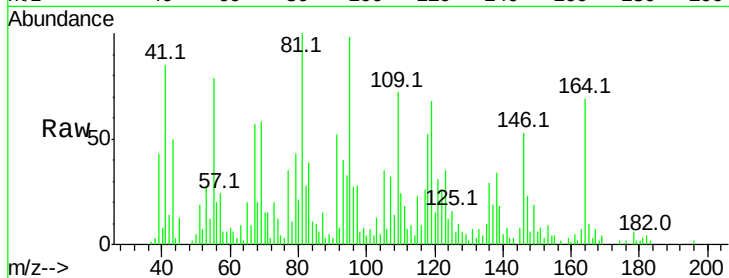
Tot Ion:138 Resp: 8411

Ion Ratio Lower Upper

138 100

108 41.7 9.1 13.7#

92 22.5 93.8 140.6#



#53

2,4-Dinitrophenol

Concen: 5.82 ng

RT: 9.47 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BF094728.D

Acq: 30 Apr 2017 21:25

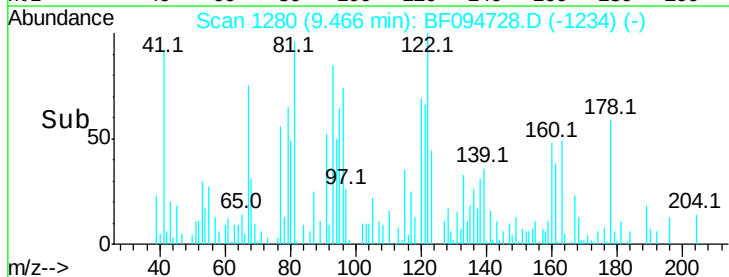
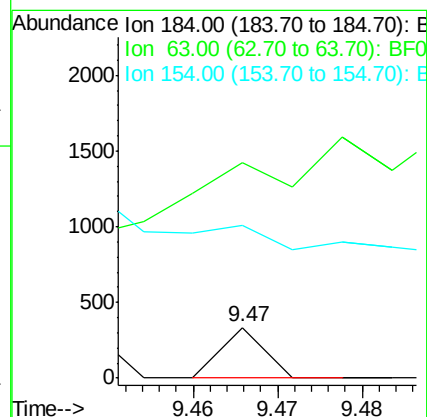
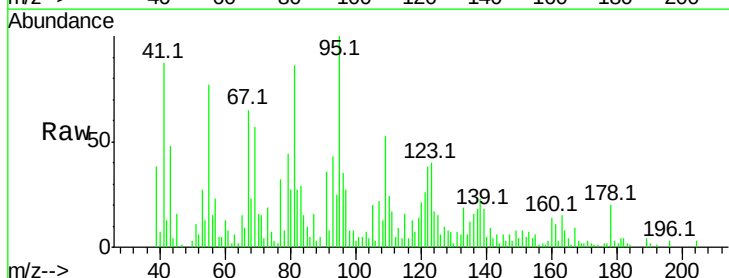
Tgt Ion:184 Resp: 118

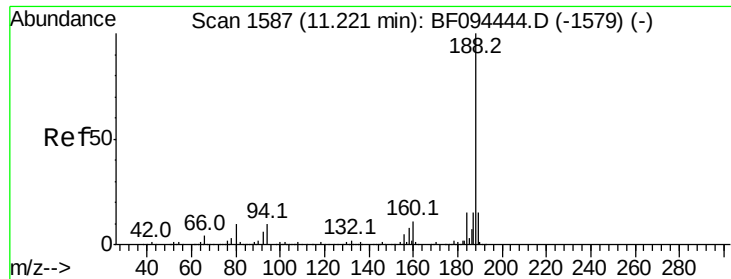
Ion Ratio Lower Upper

184 100

63 426.4 62.7 94.1#

154 304.2 81.1 121.7#

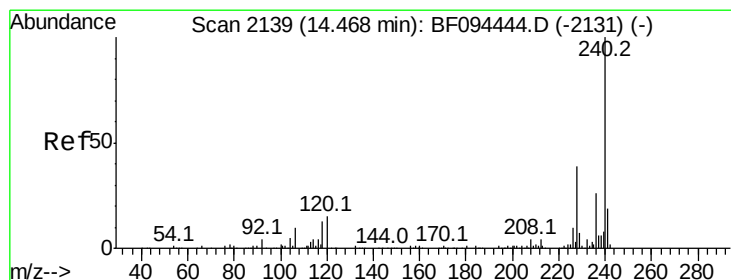
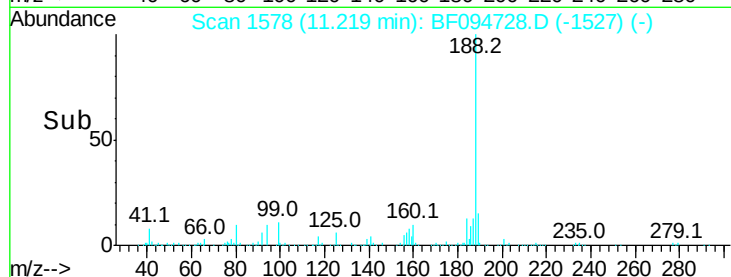
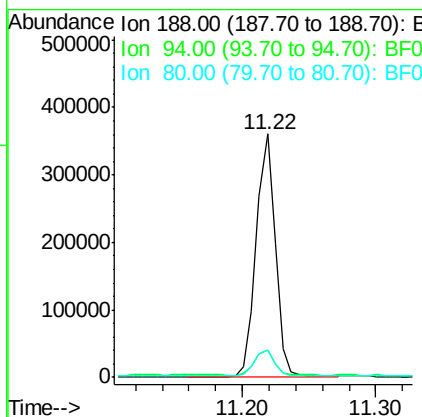
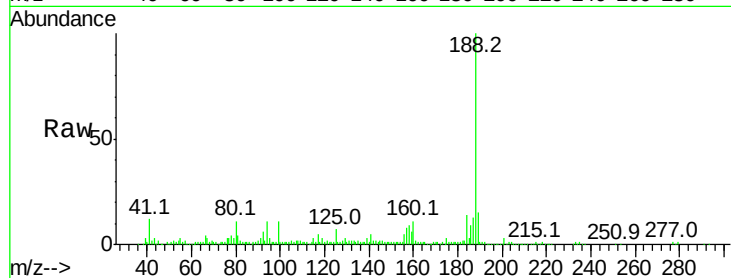




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094728.D
Acq: 30 Apr 2017 21:25

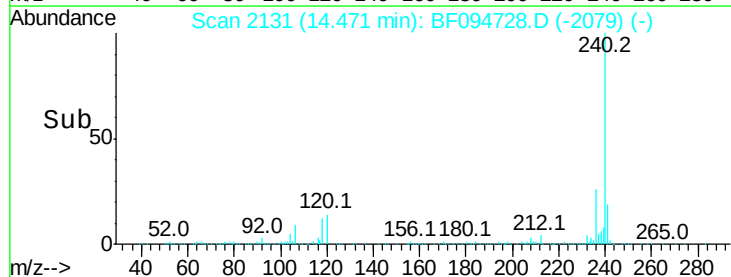
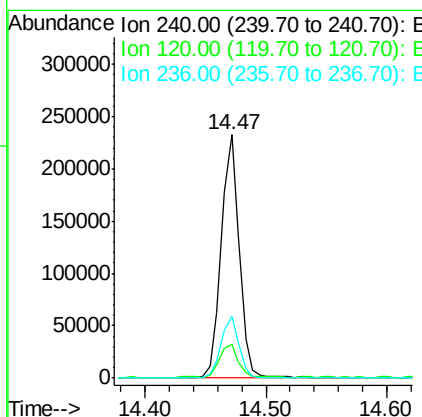
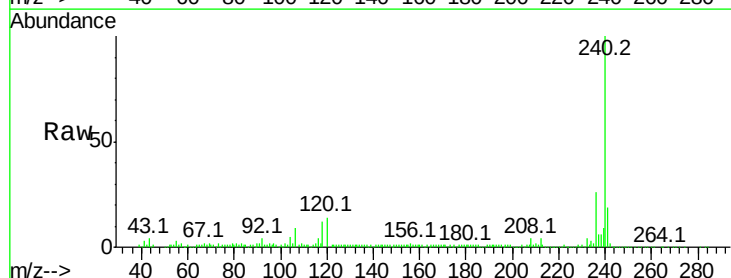
Instrument :
BNA_F
ClientSampled :

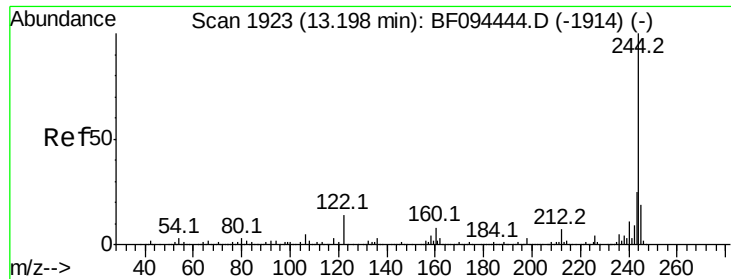
Tot Ion:188 Resp: 352503
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094728.D
Acq: 30 Apr 2017 21:25

Tgt Ion:240 Resp: 236620
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.6 20.5 30.7

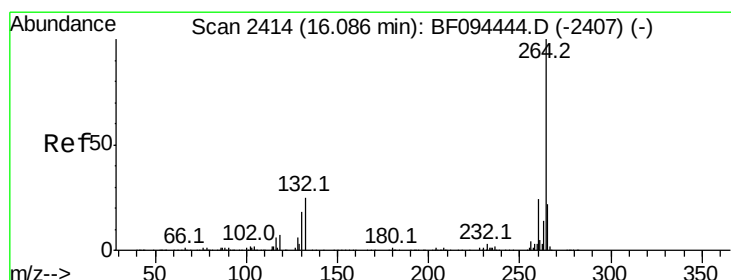
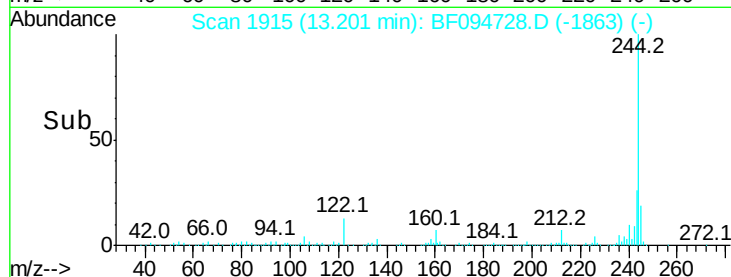
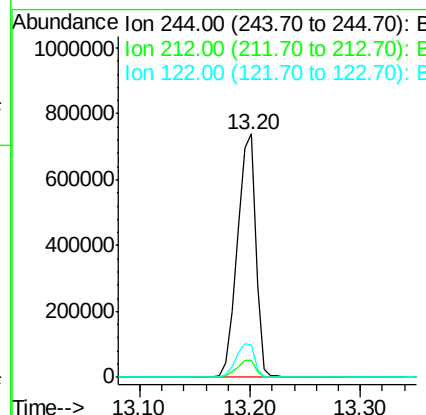
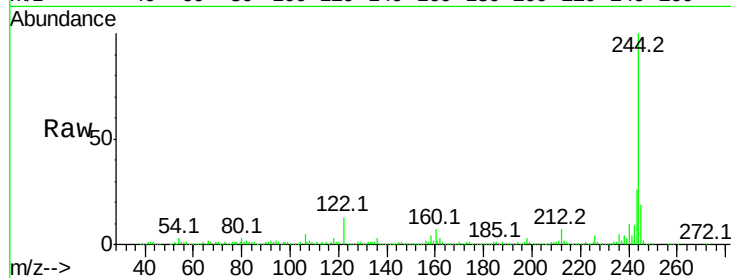




#78
 Terphenyl-d14
 Concen: 98.15 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF094728.D
 Acq: 30 Apr 2017 21:25

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 868894
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BF094728.D
 Acq: 30 Apr 2017 21:25

Tgt Ion:264 Resp: 211927
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.2 17.2 25.8

