

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094784.D
 Acq On : 2 May 2017 7:46
 Operator : SJ/MA
 Sample : I2892-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 08:29:31 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

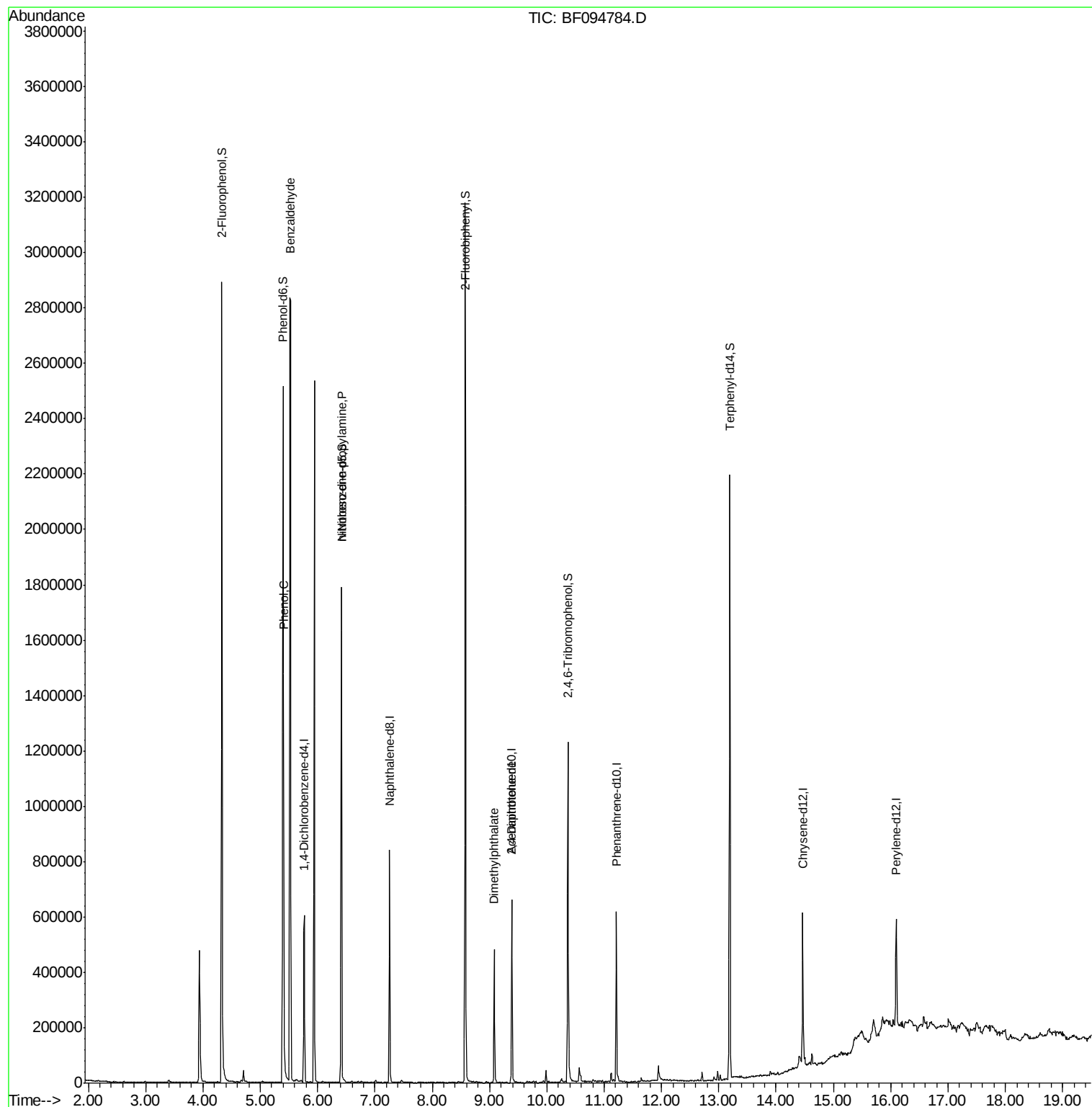
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	99644	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	402530	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	150314	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	245891	20.00	ng	0.00
75) Chrysene-d12	14.47	240	210483	20.00	ng	0.00
86) Perylene-d12	16.09	264	156593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	913815	152.15	ng	0.03
7) Phenol-d6	5.40	99	1109962	156.76	ng	0.00
23) Nitrobenzene-d5	6.42	82	665504	102.09	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	173863	147.88	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1116467	109.28	ng	0.00
78) Terphenyl-d14	13.19	244	791550	100.52	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	18548	3.44	ng	85
10) Phenol	5.41	94	27234	3.13	ng	95
19) n-Nitroso-di-n-propylamine	6.42	70	87658	18.68	ng	# 74
49) Dimethylphthalate	9.08	163	235560	21.03	ng	100
56) 2,4-Dinitrotoluene	9.39	165	19112	6.19	ng	# 32

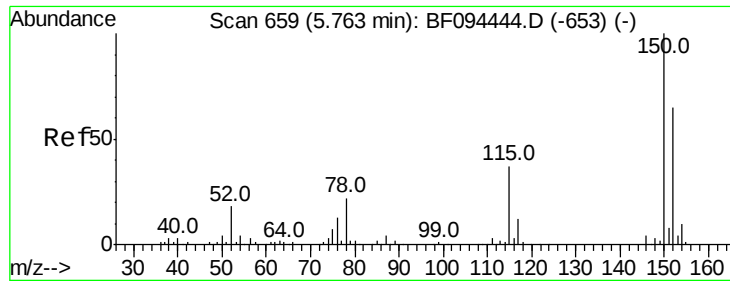
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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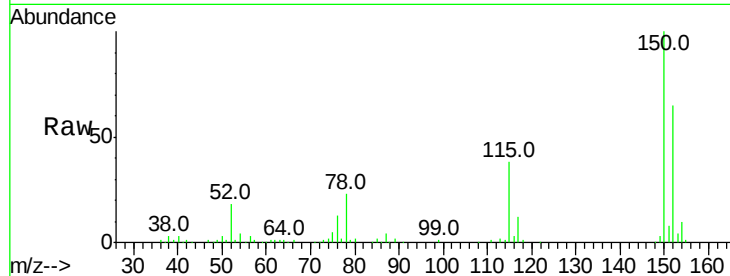


#1

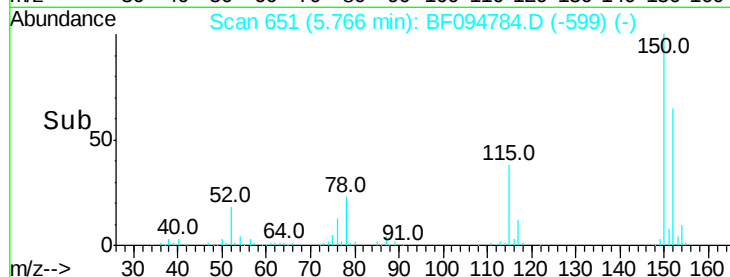
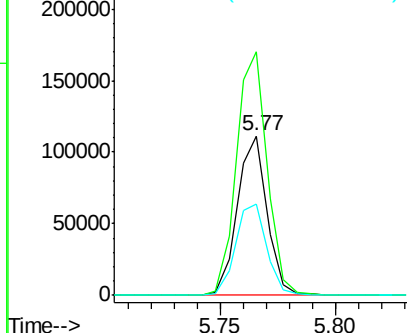
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094784.D
Acq: 2 May 2017 7:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99644
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 57.6 52.2 78.2



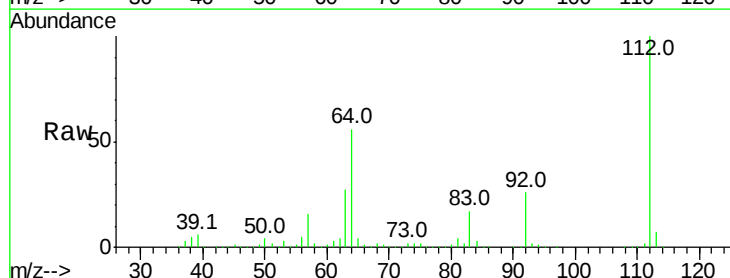
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



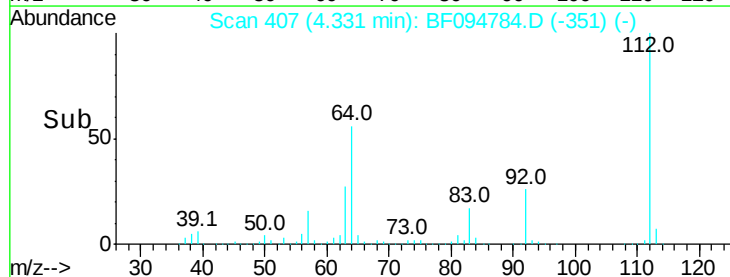
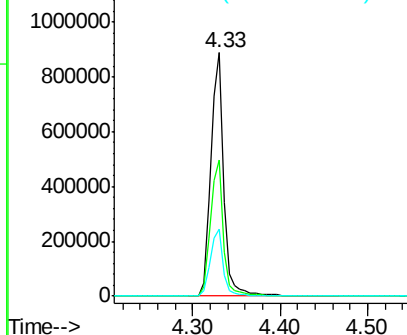
#5

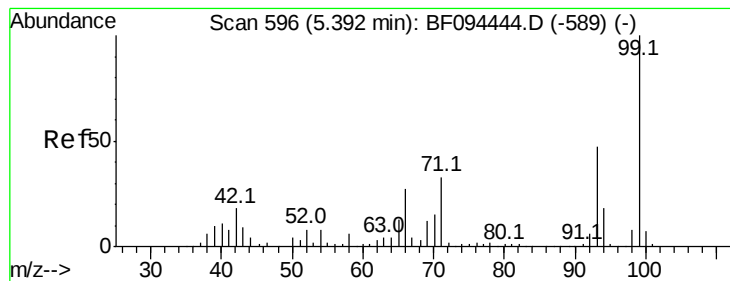
2-Fluorophenol
Concen: 152.15 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094784.D
Acq: 2 May 2017 7:46

Tgt Ion:112 Resp: 913815
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 27.3 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: 156.76 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampled :

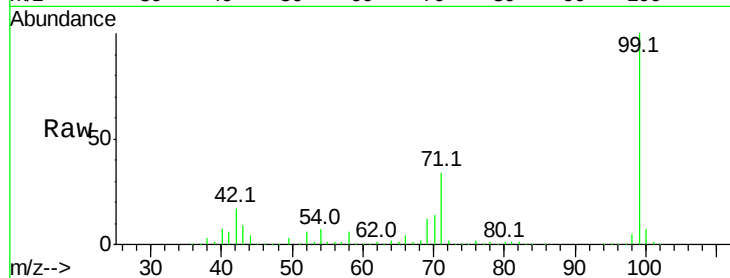
Tot Ion: 99 Resp: 1109962

Ion Ratio Lower Upper

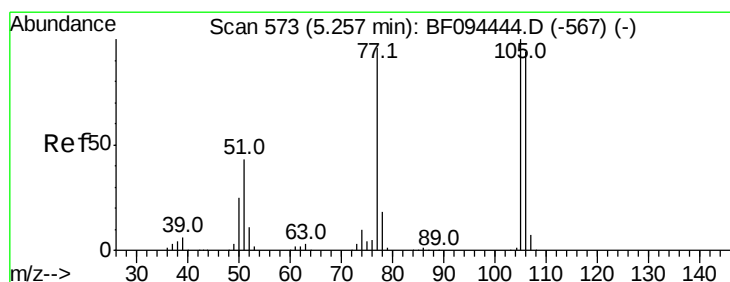
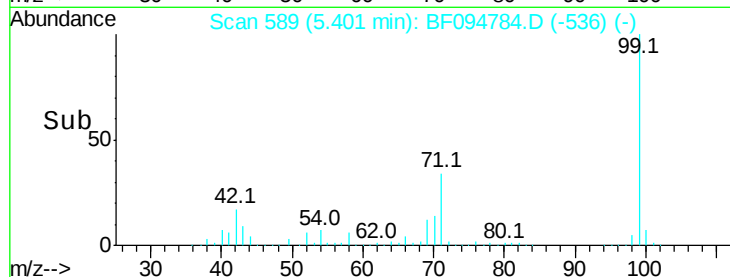
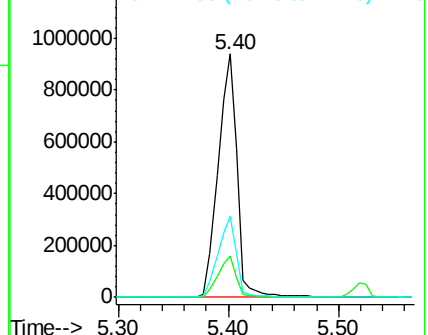
99 100

42 17.2 13.5 20.3

71 33.6 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



#9

Benzaldehyde

Concen: 3.44 ng

RT: 5.52 min Scan# 609

Delta R.T. 0.26 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

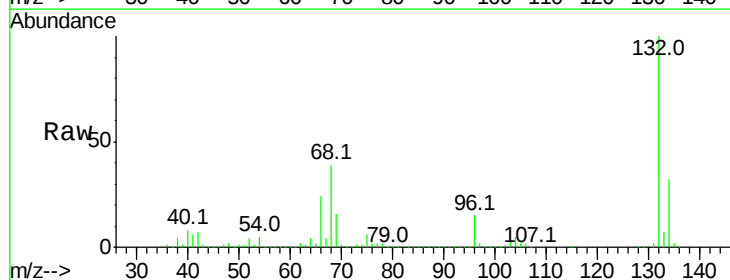
Tgt Ion: 77 Resp: 18548

Ion Ratio Lower Upper

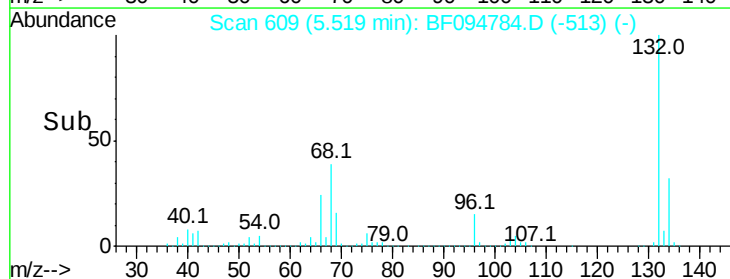
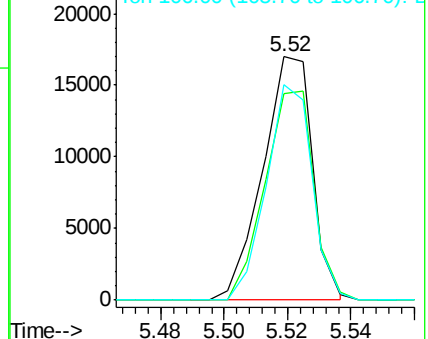
77 100

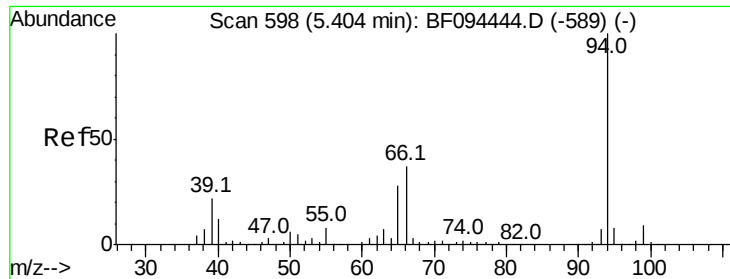
105 84.9 83.8 123.8

106 88.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 3.13 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampled :

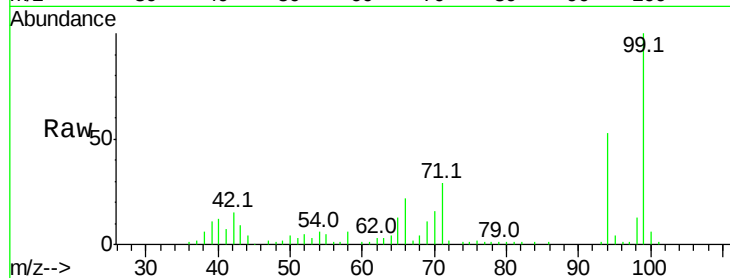
Tot Ion: 94 Resp: 27234

Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

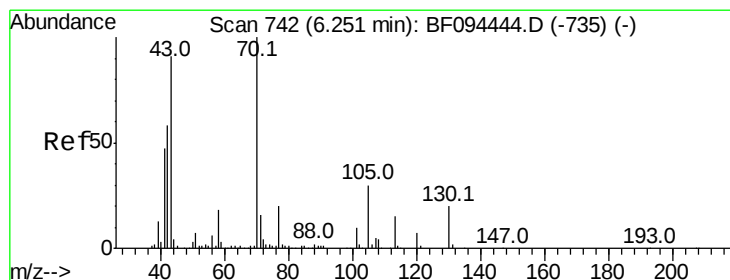
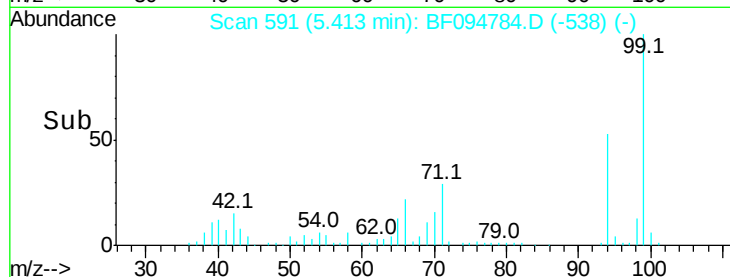
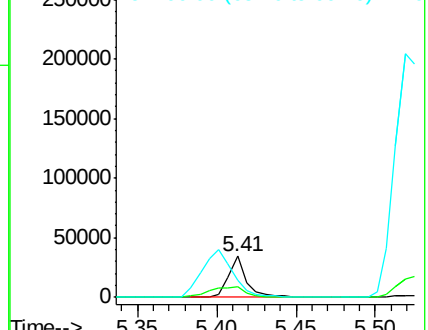
66 42.0 23.1 63.1



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: 18.68 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

Tgt Ion: 70 Resp: 87658

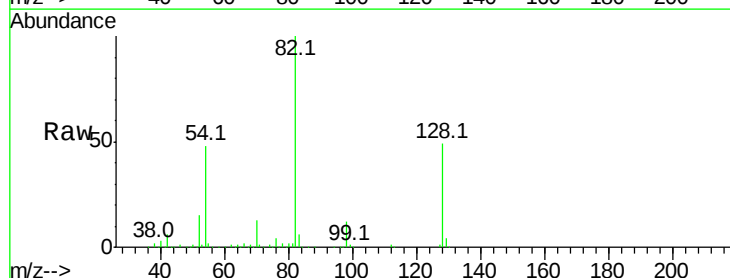
Ion Ratio Lower Upper

70 100

42 42.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

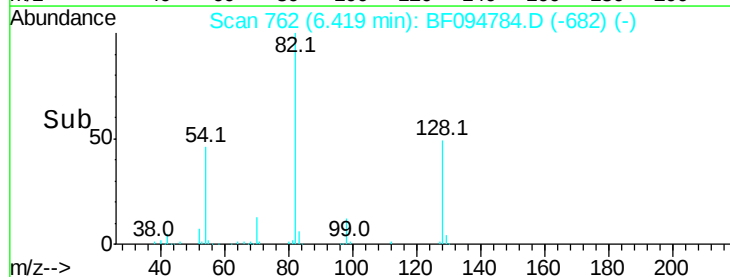
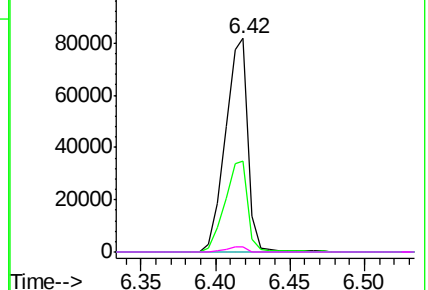


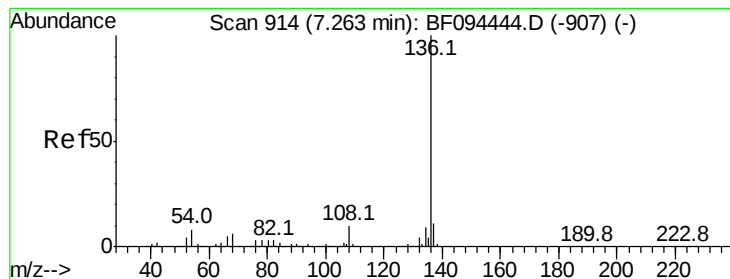
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402530

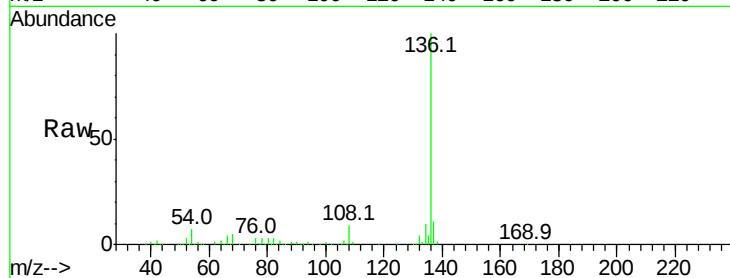
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.4 4.9 7.3#

68 5.3 4.1 6.1

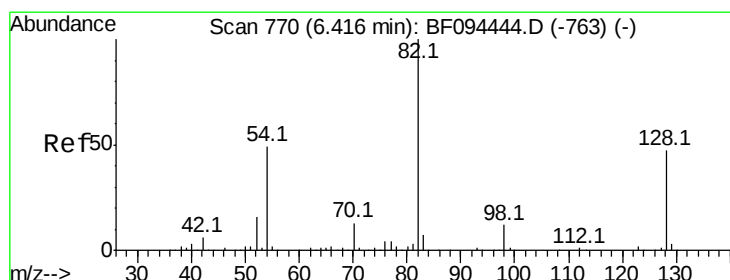
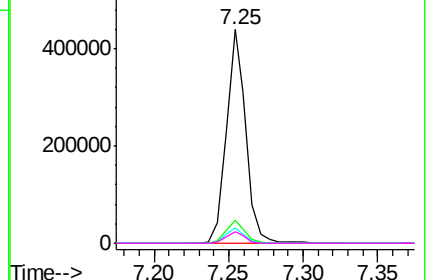
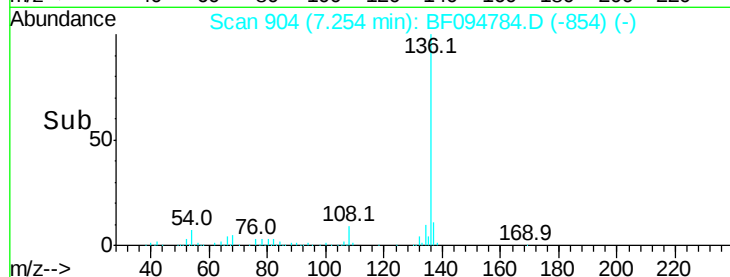


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.09 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

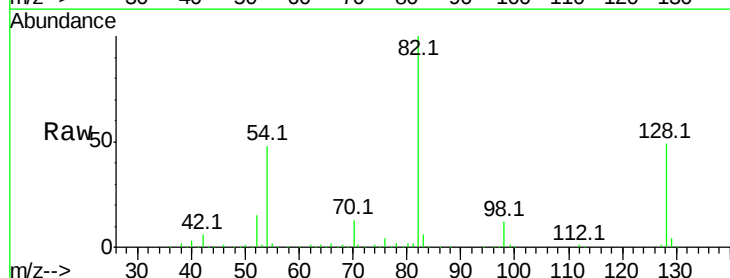
Tgt Ion: 82 Resp: 665504

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

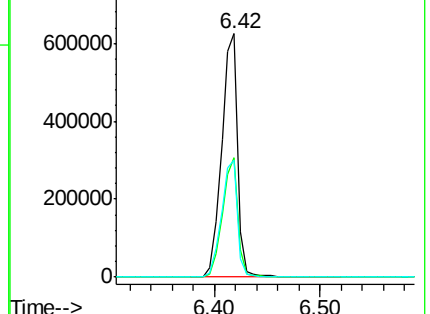
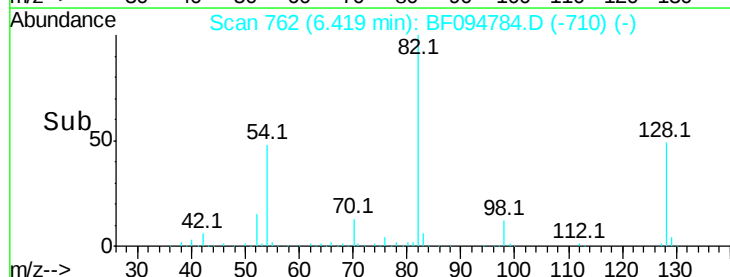
54 47.9 42.2 63.2

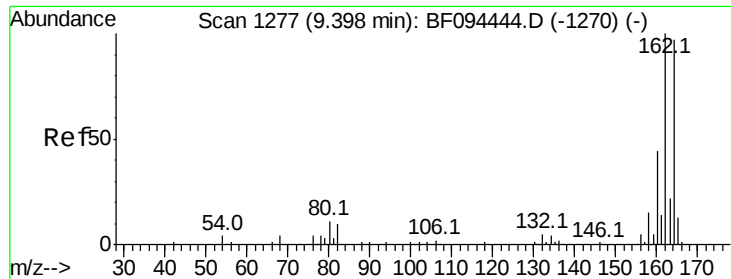


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

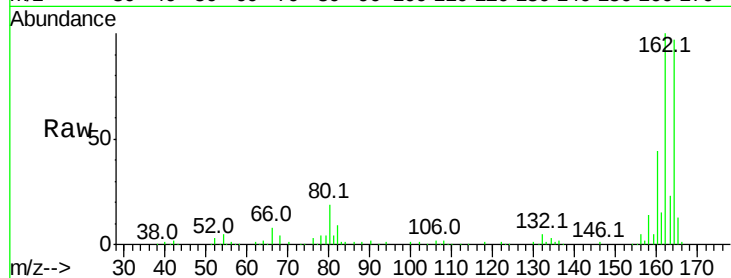
Tot Ion:164 Resp: 150314

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

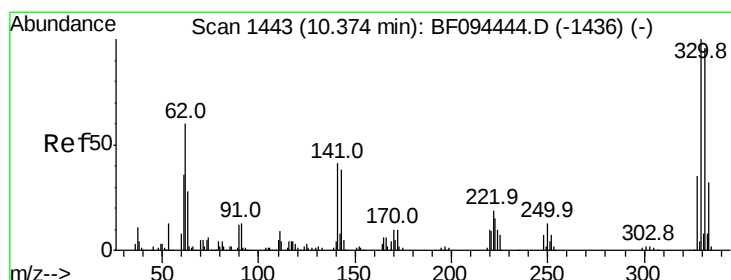
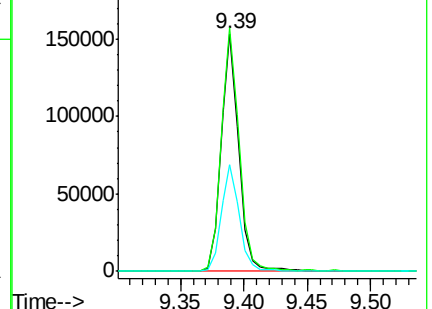
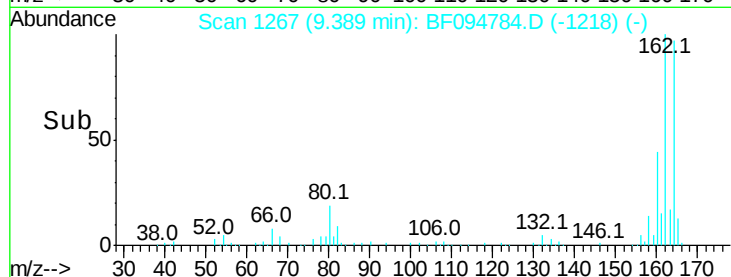
160 45.1 36.2 54.2



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: 147.88 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

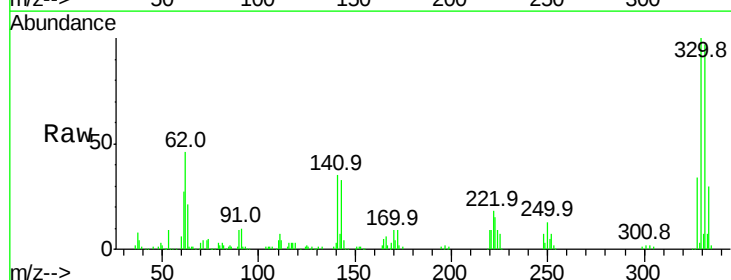
Tgt Ion:330 Resp: 173863

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

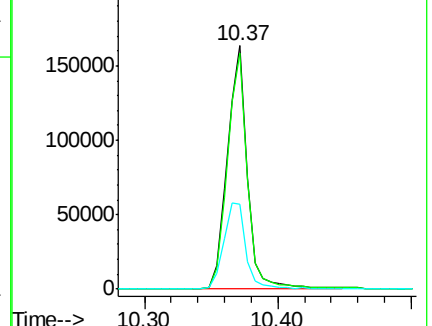
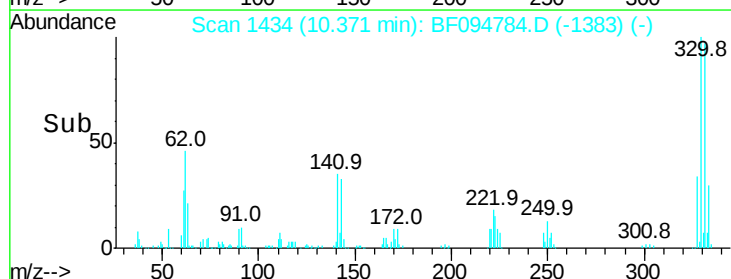
141 39.6 31.4 47.2

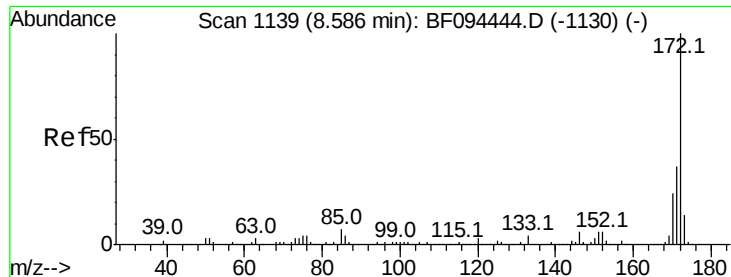


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

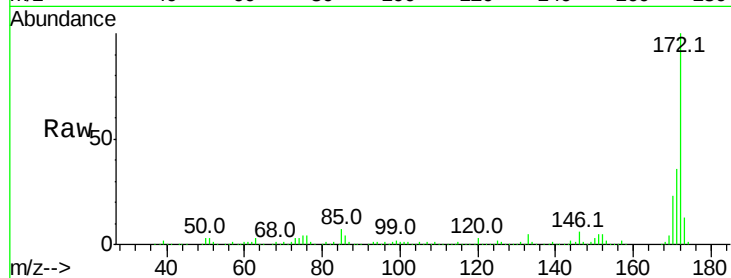




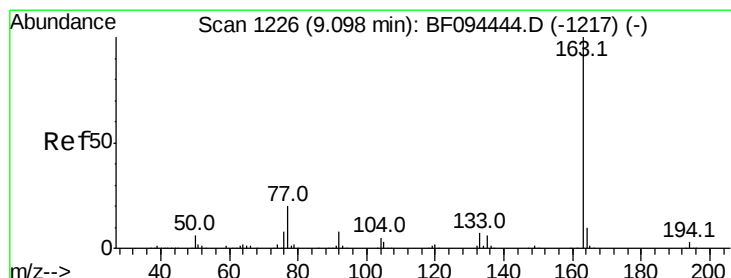
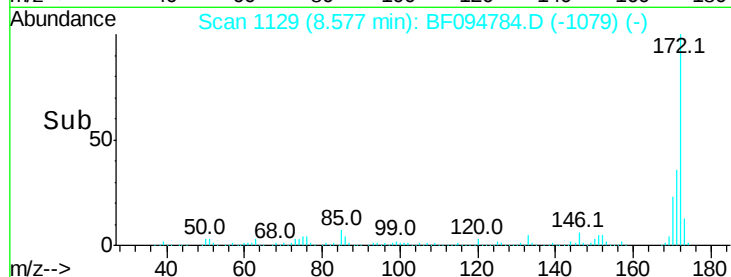
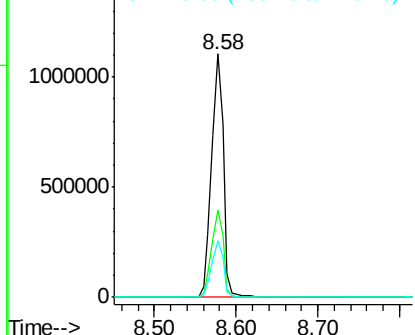
#44
2-Fluorobiphenyl
Concen: 109.28 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094784.D
Acq: 2 May 2017 7:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1116467
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.3 19.8 29.8

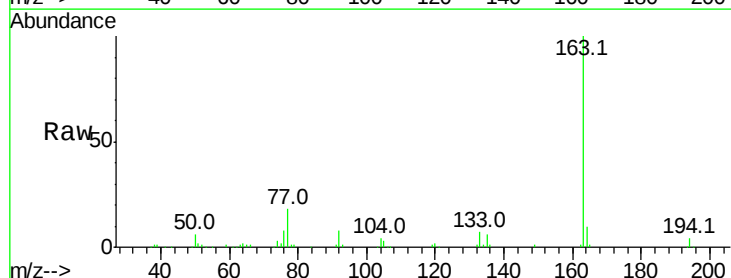


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

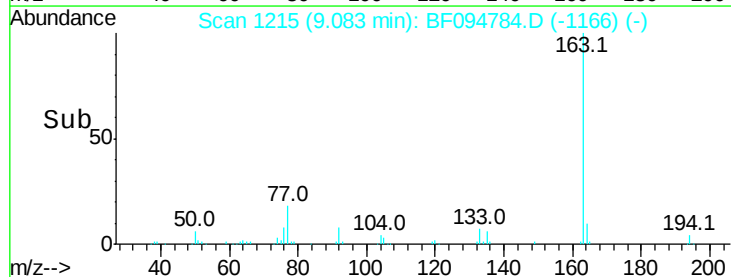
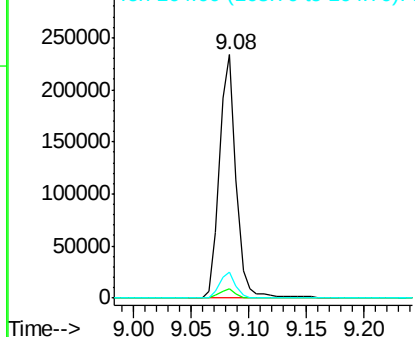


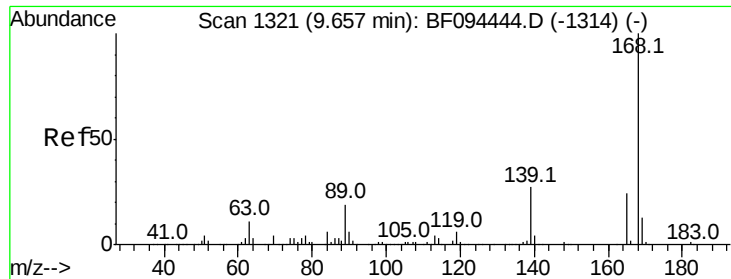
#49
Dimethylphthalate
Concen: 21.03 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094784.D
Acq: 2 May 2017 7:46

Tgt Ion:163 Resp: 235560
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.5 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

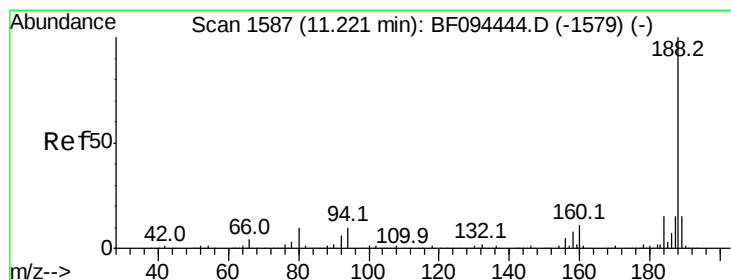
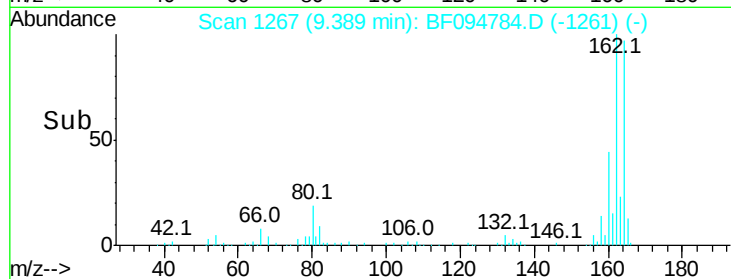
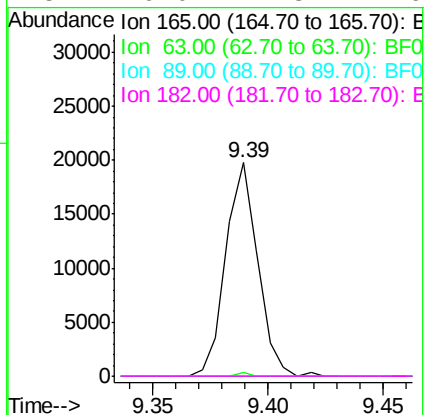
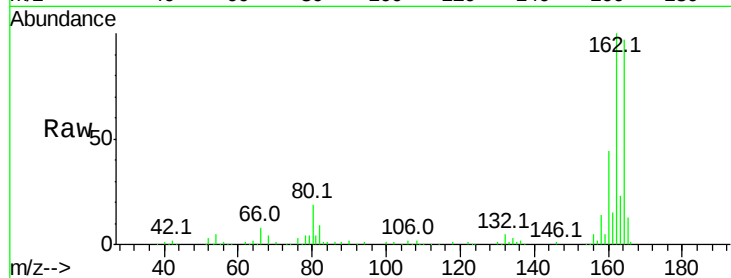




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.39 min Scan# 1267
 Delta R.T. -0.27 min
 Lab File: BF094784.D
 Acq: 2 May 2017 7:46

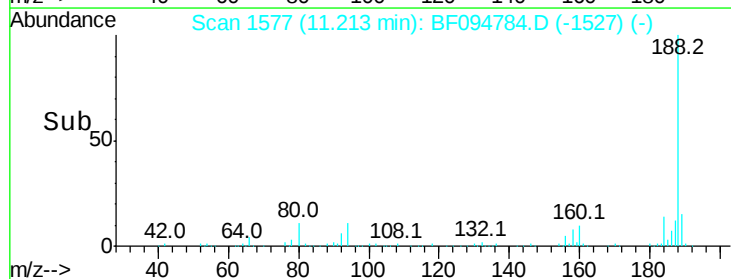
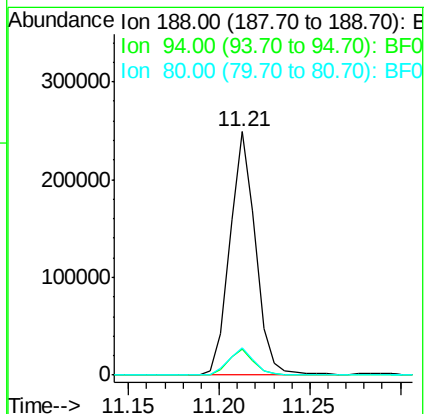
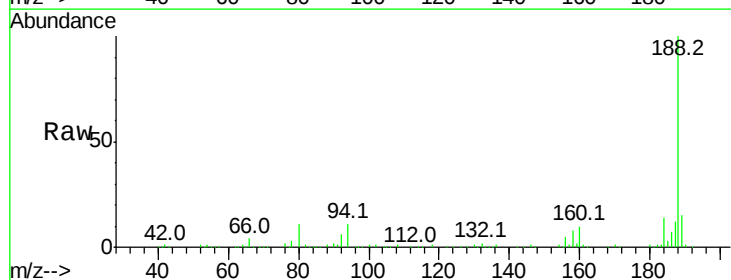
Instrument :
 BNA_F
 ClientSampleId :

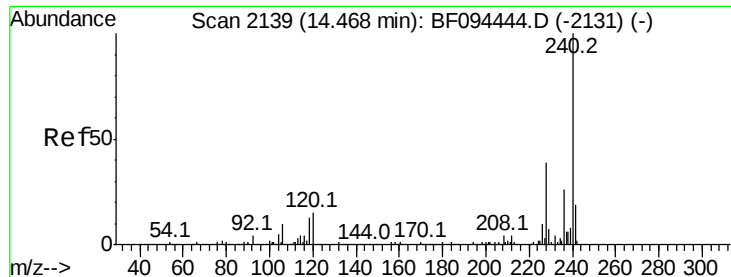
Tot Ion:165 Resp: 19112
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094784.D
 Acq: 2 May 2017 7:46

Tgt Ion:188 Resp: 245891
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampled :

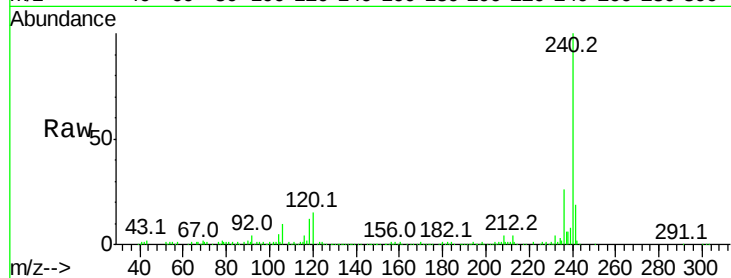
Tot Ion:240 Resp: 210483

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

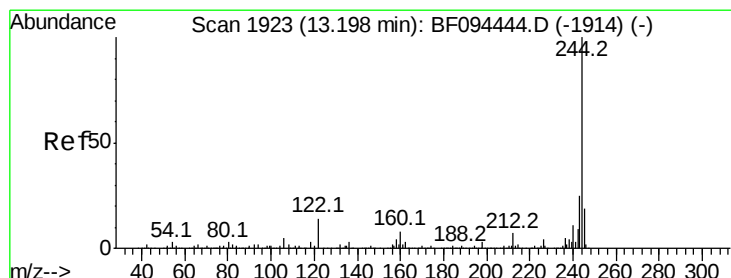
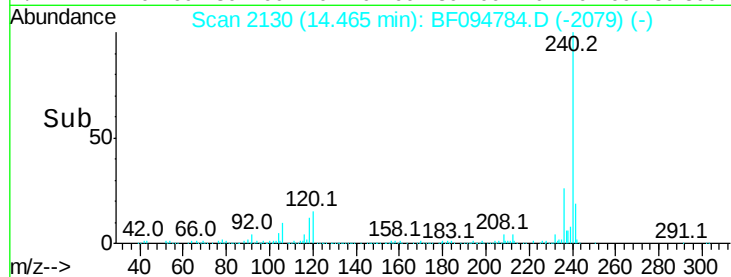
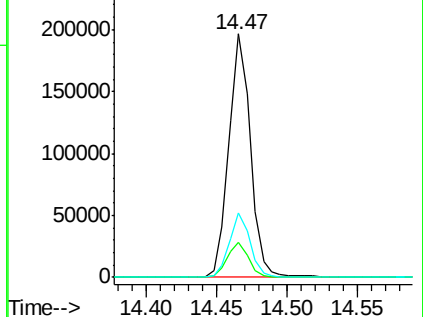
236 26.4 20.5 30.7



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: 100.52 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

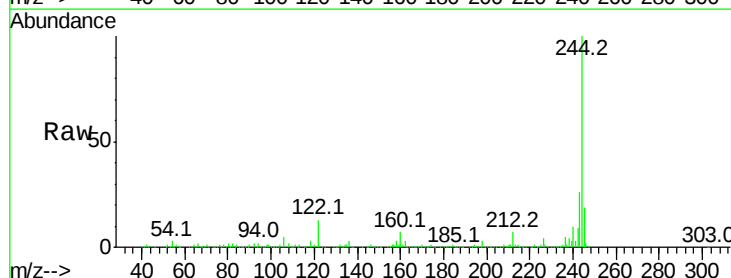
Tgt Ion:244 Resp: 791550

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

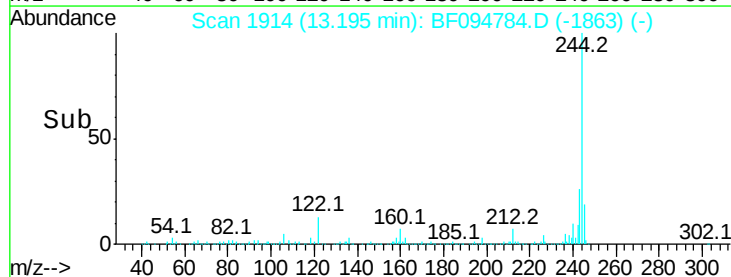
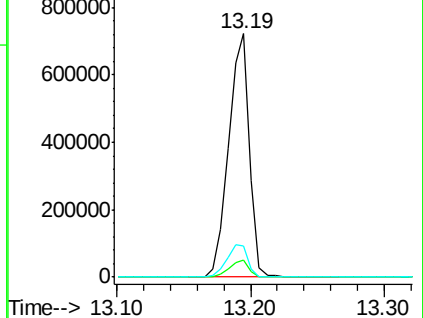
122 12.7 10.3 15.5

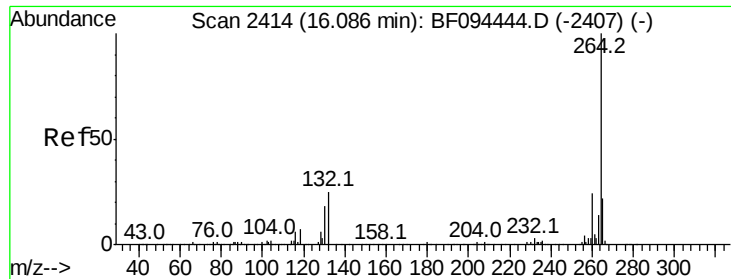


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

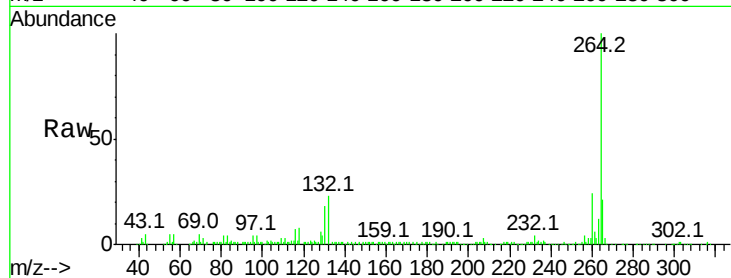




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094784.D
Acq: 2 May 2017 7:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.9	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

