

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094434.D
 Acq On : 14 Apr 2017 17:56
 Operator : SJ/MA
 Sample : I2677-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:35:33 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 16:39:08 2017
 Response via : Initial Calibration

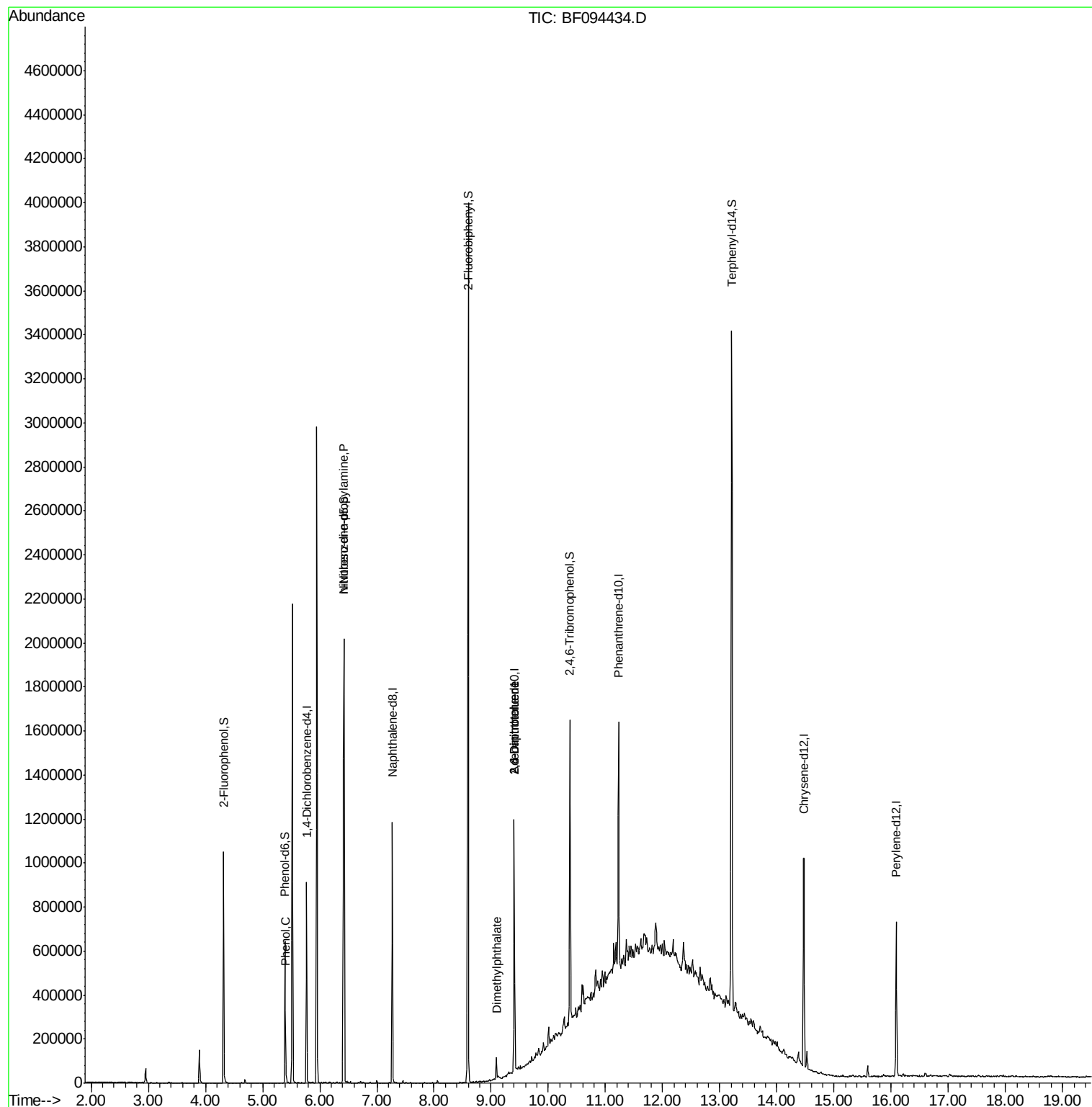
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	138811	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	568516	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	261913	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	462926	20.00	ng	0.00
75) Chrysene-d12	14.47	240	398540	20.00	ng	0.00
86) Perylene-d12	16.09	264	278673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	287622	35.00	ng	0.00
7) Phenol-d6	5.39	99	214074	21.06	ng	-0.01
23) Nitrobenzene-d5	6.42	82	840113	84.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	169981	82.13	ng	-0.01
44) 2-Fluorobiphenyl	8.60	172	1549882	90.26	ng	0.00
78) Terphenyl-d14	13.21	244	1239553	69.72	ng	0.00
Target Compounds						
10) Phenol	5.40	94	27441	2.37	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	6.42	70	110891	16.97	ng	# 79
49) Dimethylphthalate	9.09	163	46786	2.51	ng	98
50) 2,6-Dinitrotoluene	9.40	165	35373	8.29	ng	# 34
56) 2,4-Dinitrotoluene	9.40	165	33636	6.27	ng	# 33

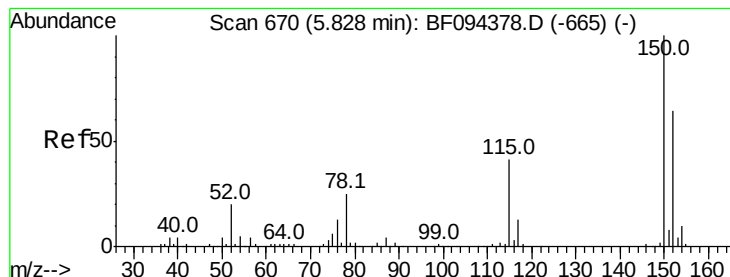
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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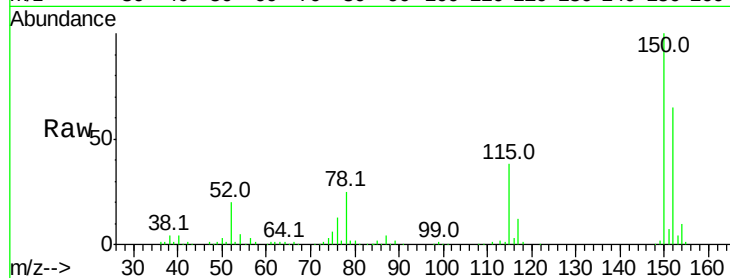


#1

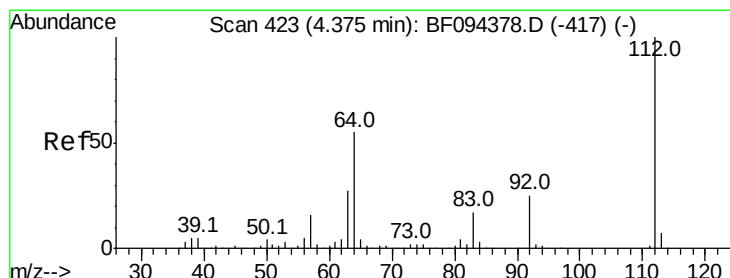
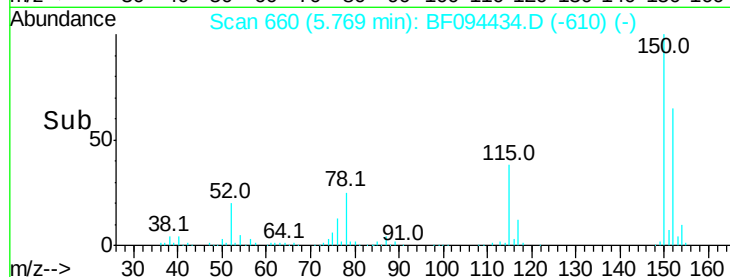
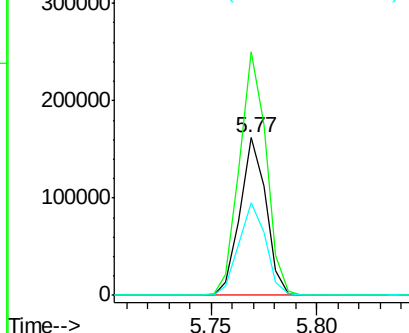
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138811
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 59.0 52.2 78.2



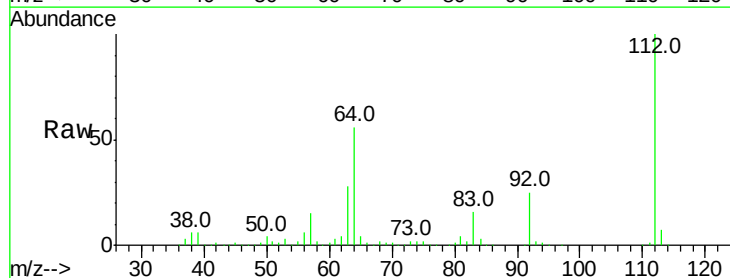
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



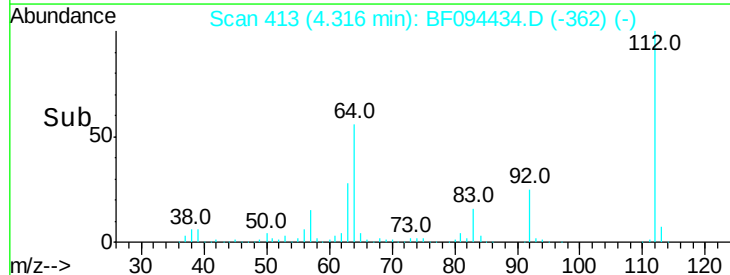
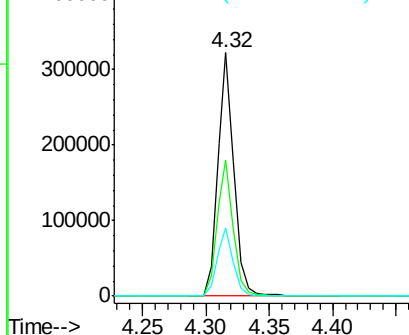
#5

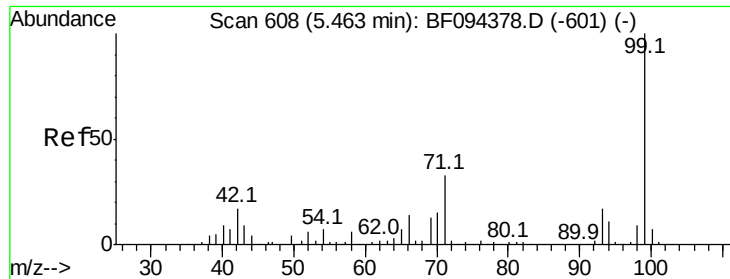
2-Fluorophenol
Concen: 35.00 ng
RT: 4.32 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

Tgt Ion:112 Resp: 287622
Ion Ratio Lower Upper
112 100
64 55.9 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: 21.06 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

Instrument :

BNA_F

ClientSampleId :

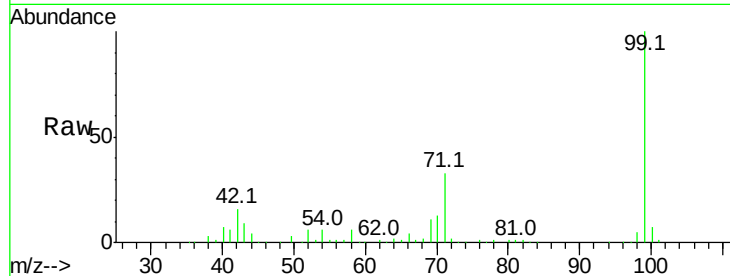
Tot Ion: 99 Resp: 214074

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

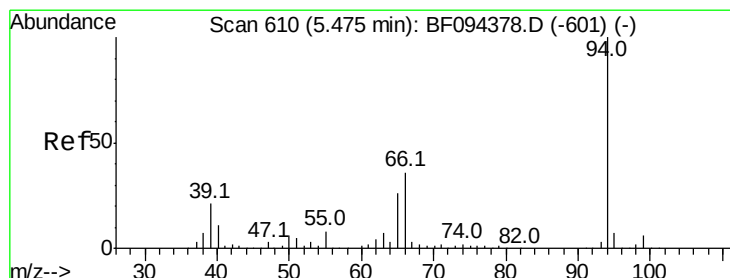
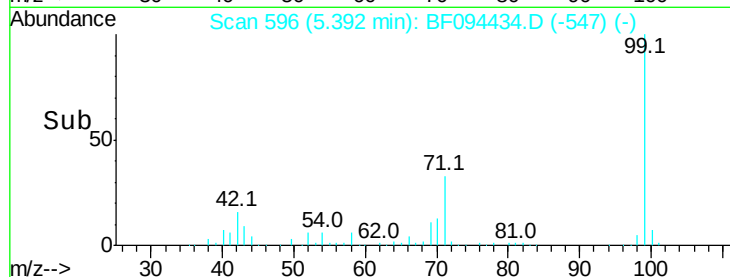
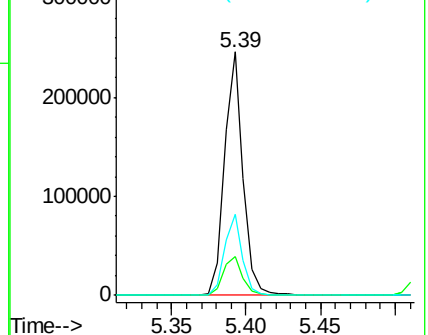
71 33.1 24.5 36.7



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: 2.37 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

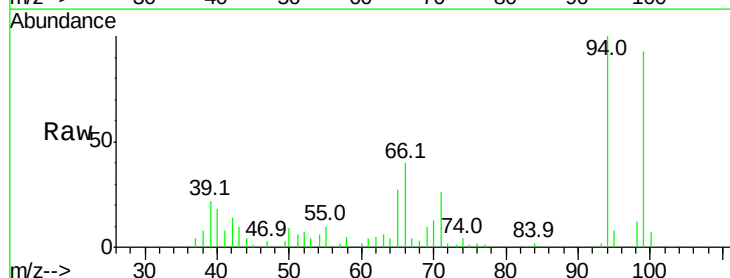
Tgt Ion: 94 Resp: 27441

Ion Ratio Lower Upper

94 100

65 27.5 9.9 49.9

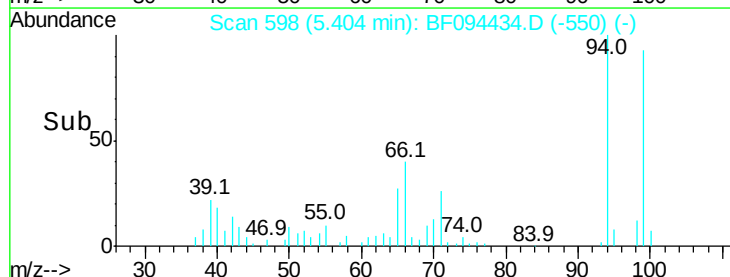
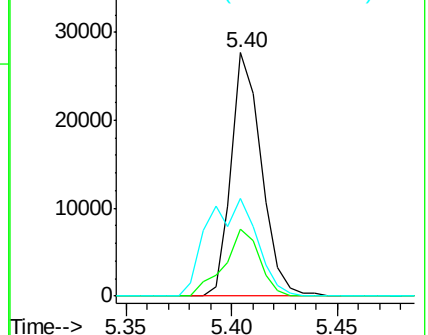
66 40.0 23.1 63.1

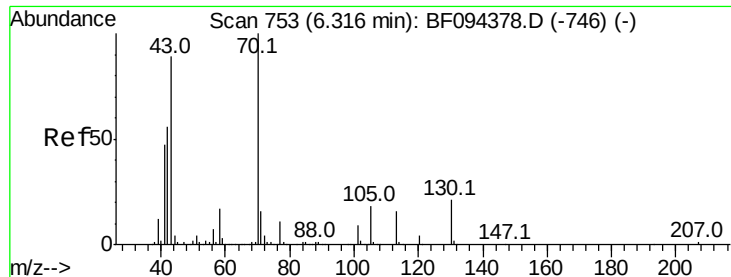


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

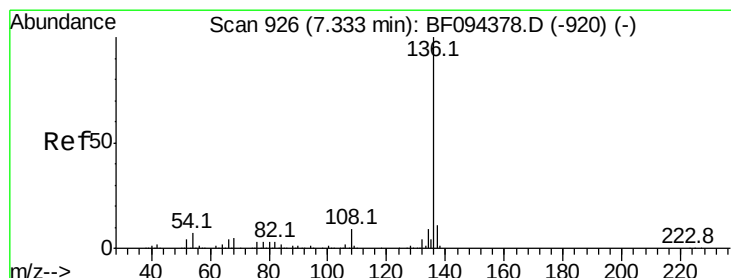
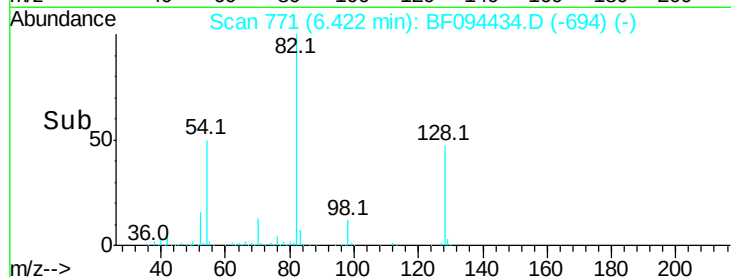
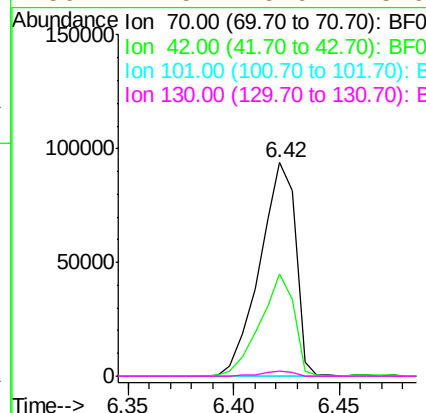
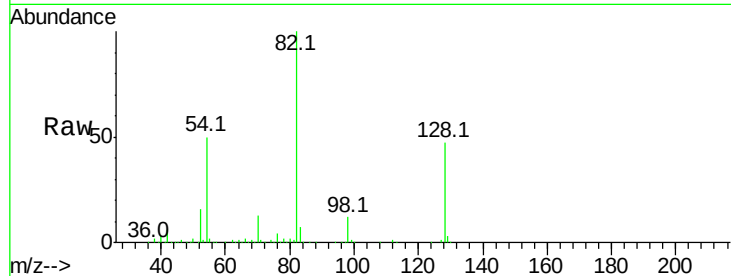




#19
n-Nitroso-di-n-propylamine
Concen: 16.97 ng
RT: 6.42 min Scan# 771
Delta R.T. 0.15 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

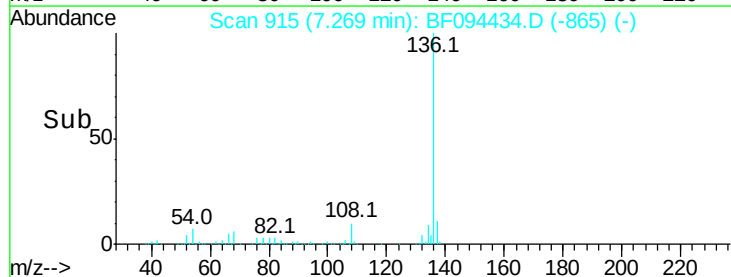
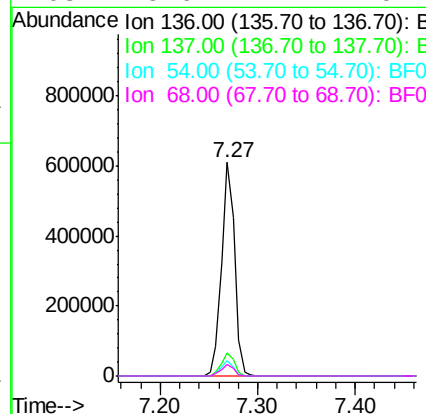
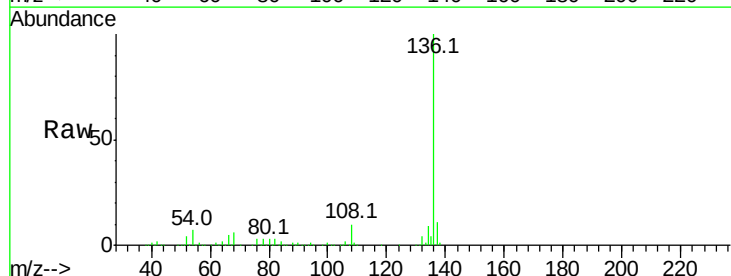
Instrument :
BNA_F
ClientSampled :

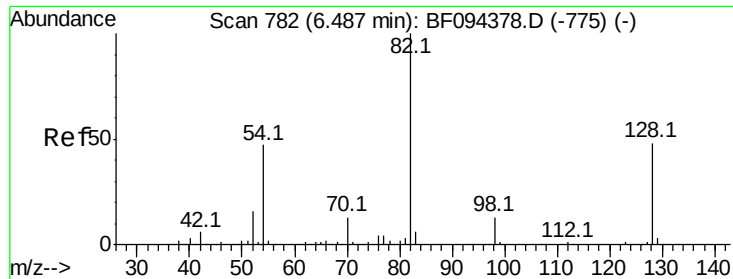
Tot Ion: 70 Resp: 110891
Ion Ratio Lower Upper
70 100
42 47.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

Tgt Ion:136 Resp: 568516
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.4 4.9 7.3#
68 5.6 4.1 6.1

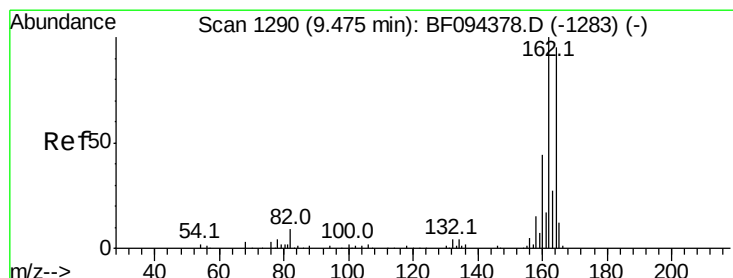
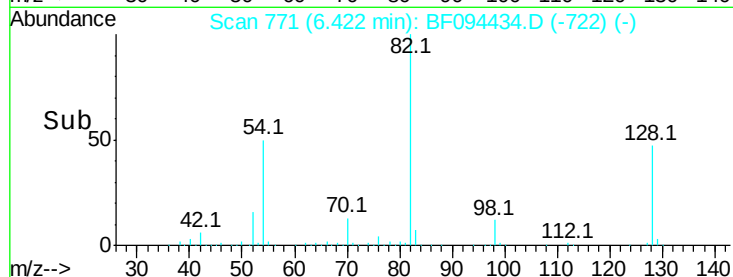
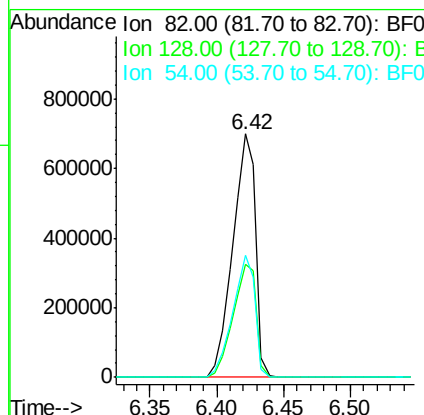
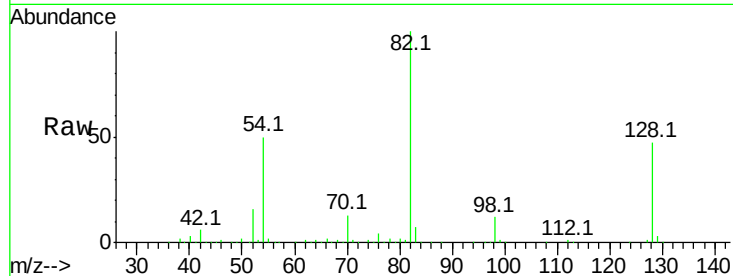




#23
 Nitrobenzene-d5
 Concen: 84.33 ng
 RT: 6.42 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF094434.D
 Acq: 14 Apr 2017 17:56

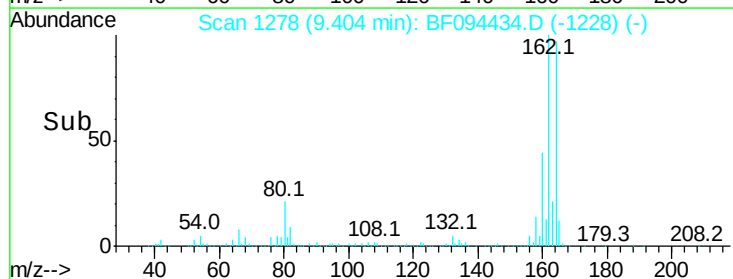
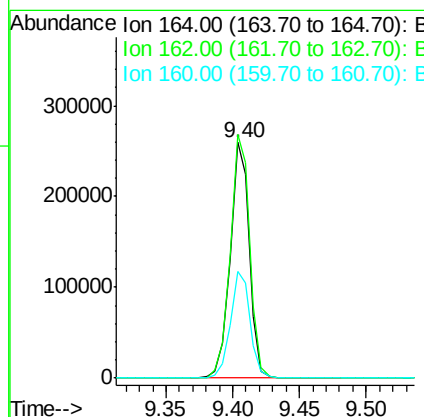
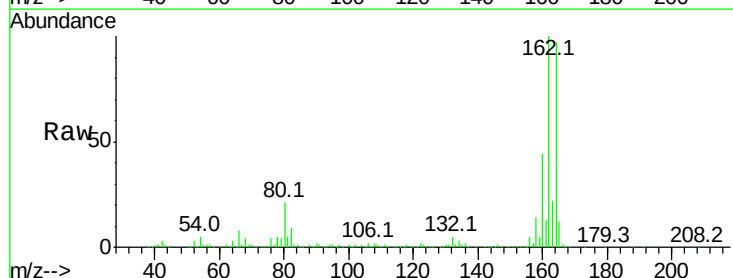
Instrument :
 BNA_F
 ClientSampled :

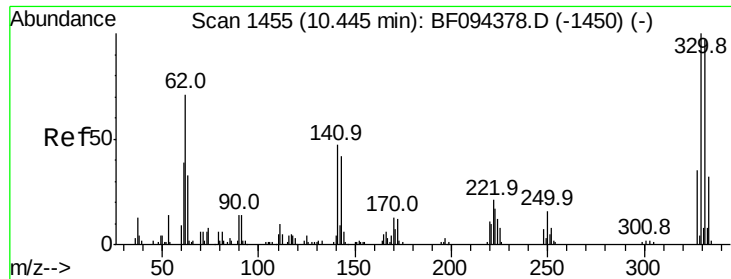
Tot Ion: 82 Resp: 840113
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 49.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF094434.D
 Acq: 14 Apr 2017 17:56

Tgt Ion:164 Resp: 261913
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 45.2 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 82.13 ng

RT: 10.38 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

Instrument :

BNA_F

ClientSampleId :

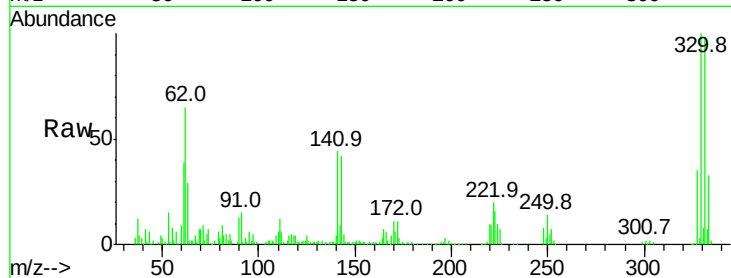
Tot Ion:330 Resp: 169981

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

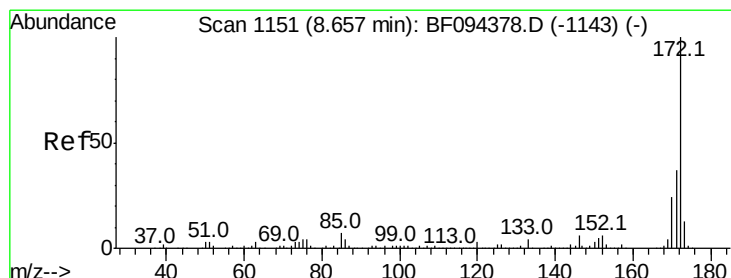
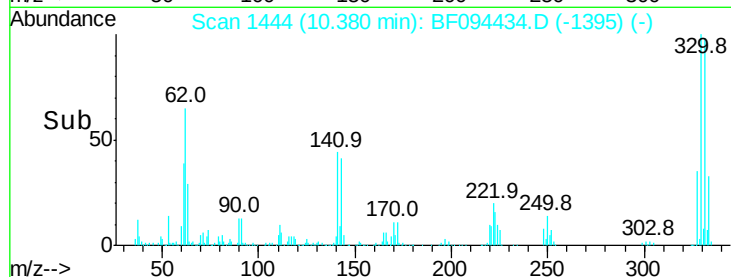
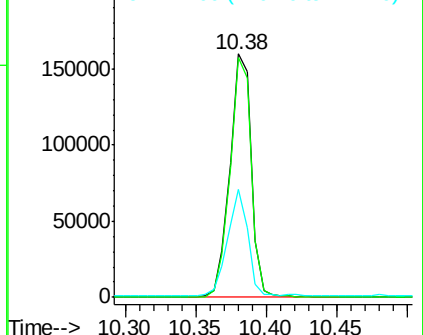
141 40.7 31.4 47.2



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: 90.26 ng

RT: 8.60 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

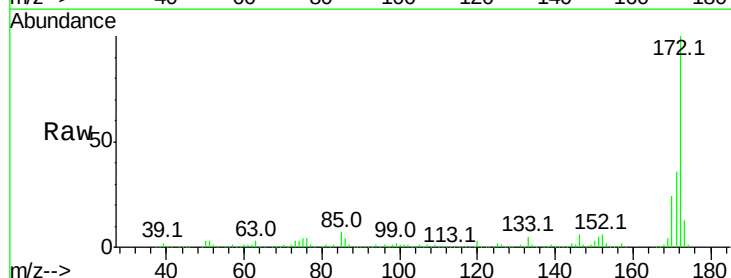
Tgt Ion:172 Resp: 1549882

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

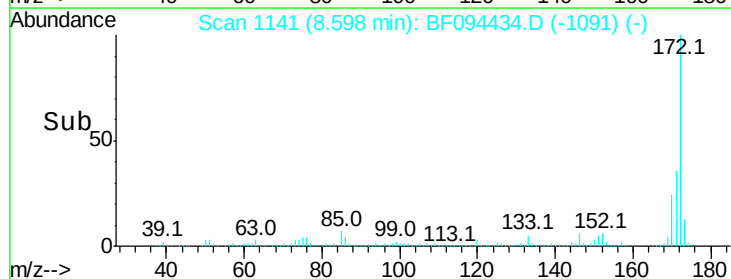
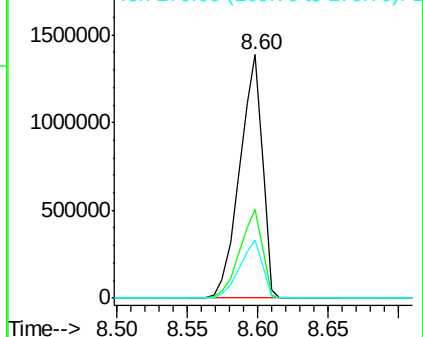
170 23.9 19.8 29.8

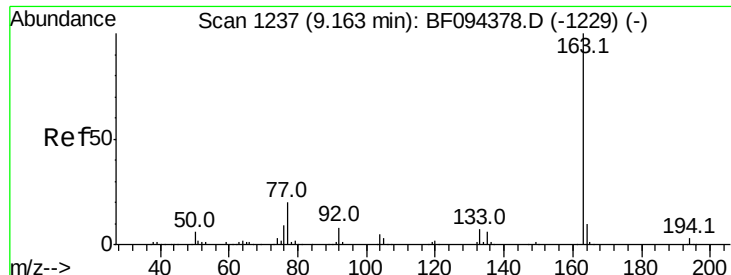


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.51 ng

RT: 9.09 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

Instrument :

BNA_F

ClientSampleId :

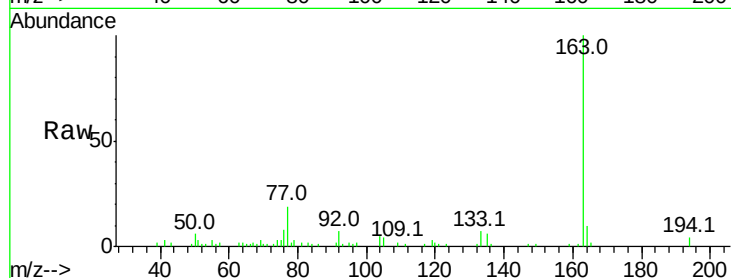
Tot Ion:163 Resp: 46786

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

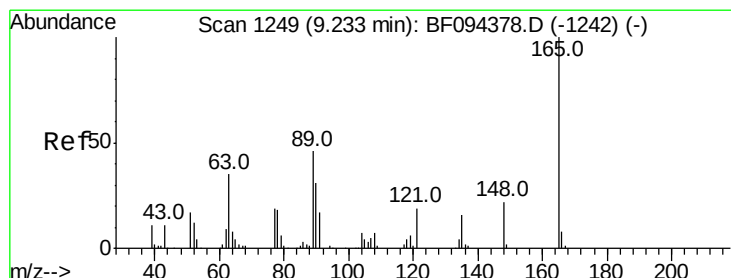
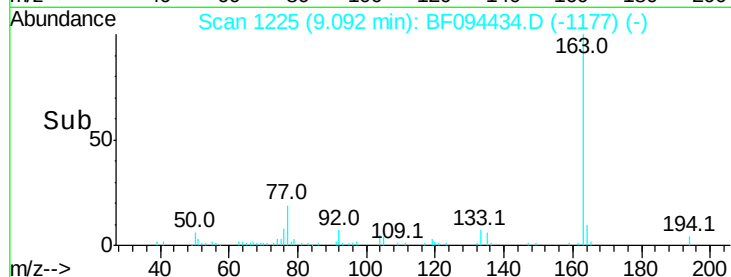
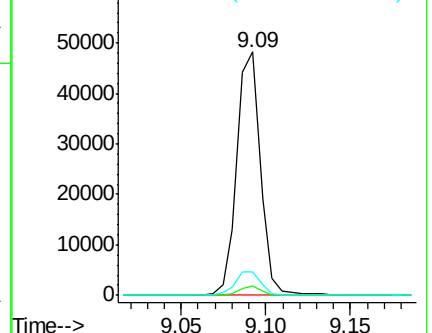
164 9.8 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 8.29 ng

RT: 9.40 min Scan# 1278

Delta R.T. 0.23 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

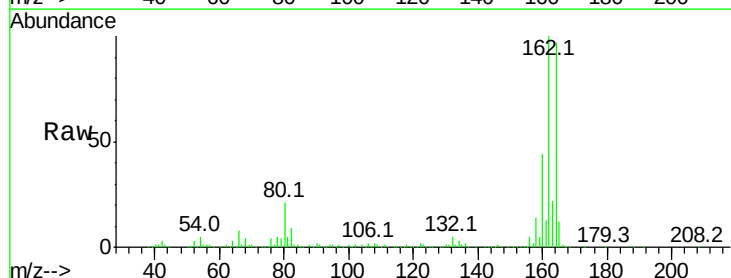
Tgt Ion:165 Resp: 35373

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

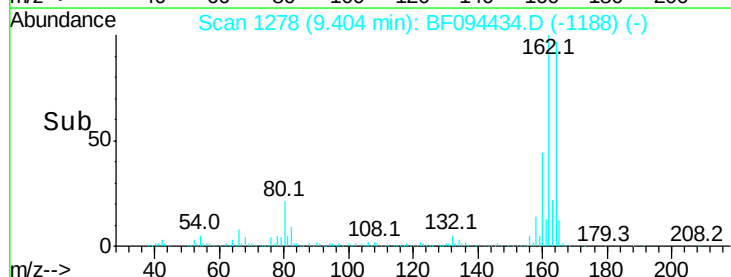
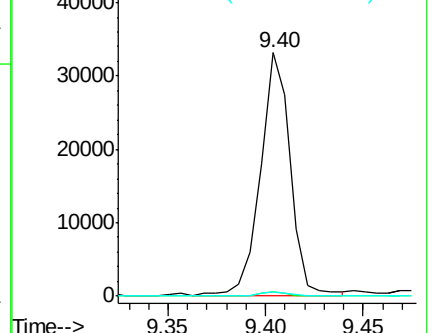
89 1.5 37.1 55.7#

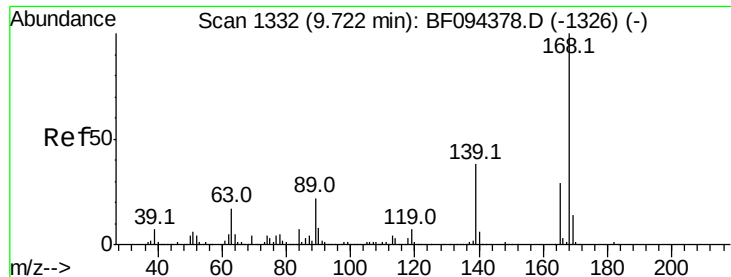


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

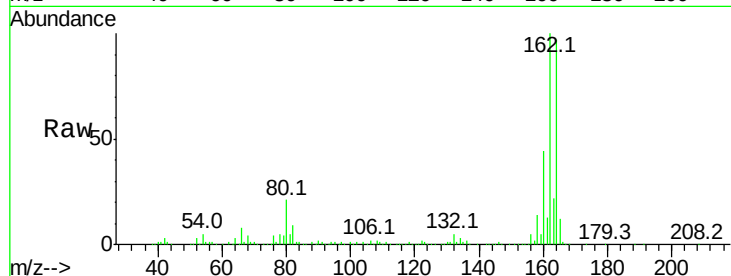




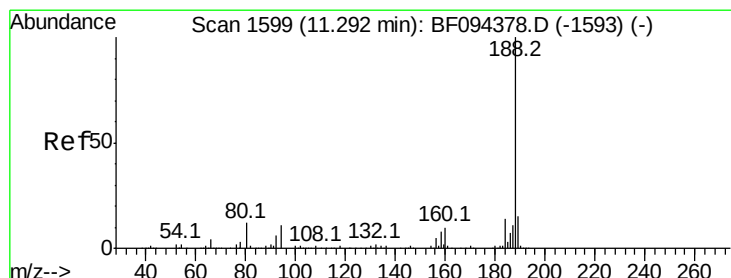
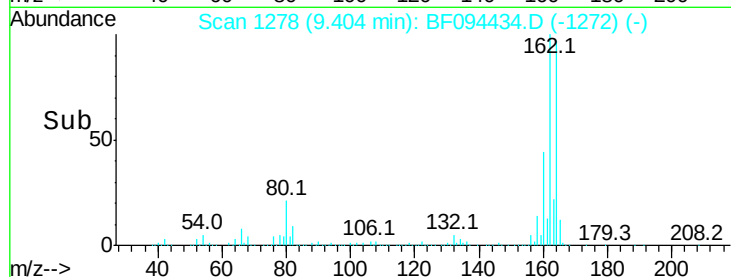
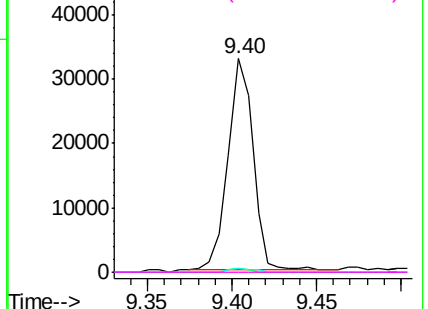
#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.40 min Scan# 1278
Delta R.T. -0.26 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 33636
Ion Ratio Lower Upper
165 100
63 1.8 25.4 38.0#
89 1.5 46.4 69.6#
182 0.0 1.8 2.6#

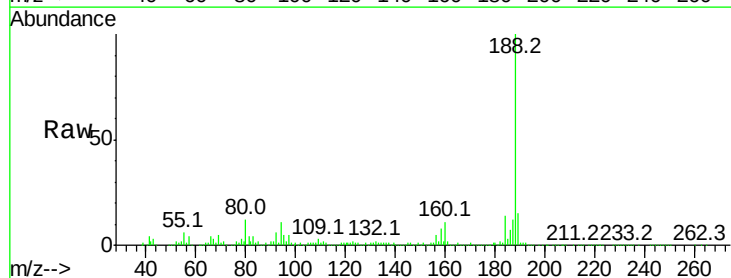


Abundance Ion 165.00 (164.70 to 165.70): E

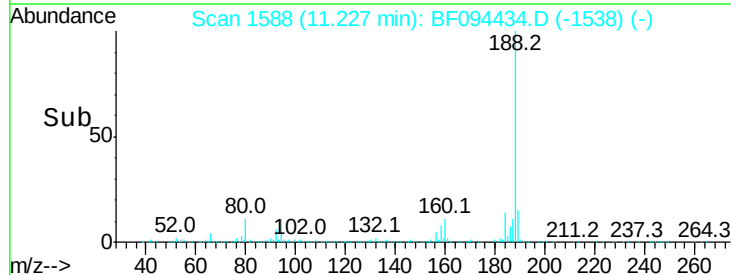
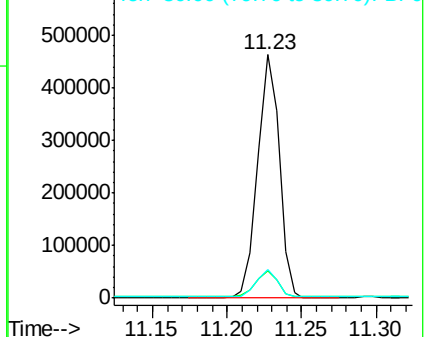


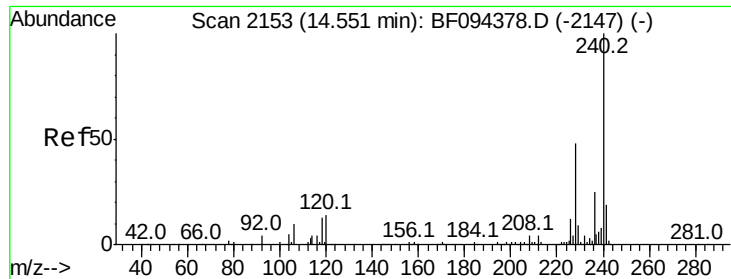
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF094434.D
Acq: 14 Apr 2017 17:56

Tgt Ion:188 Resp: 462926
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

Instrument :

BNA_F

ClientSampleId :

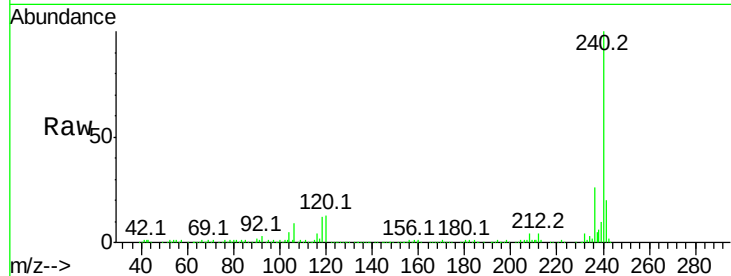
Tot Ion:240 Resp: 398540

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

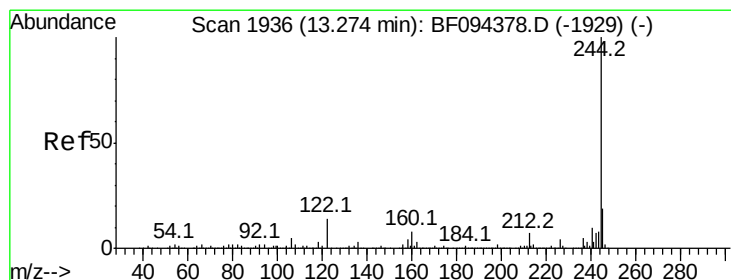
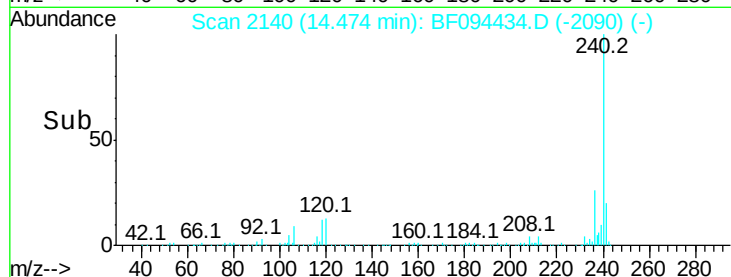
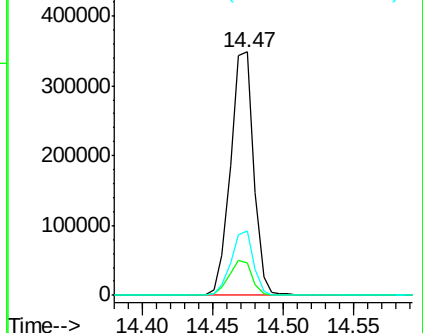
236 26.4 20.5 30.7



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: 69.72 ng

RT: 13.21 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BF094434.D

Acq: 14 Apr 2017 17:56

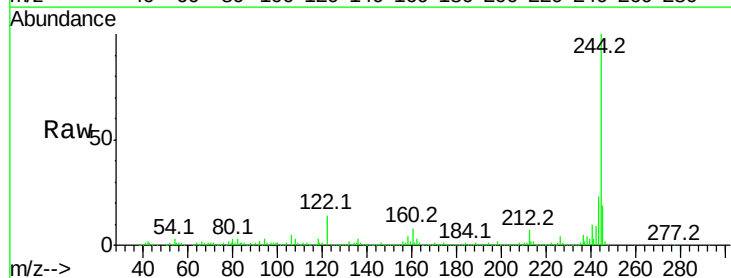
Tgt Ion:244 Resp: 1239553

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

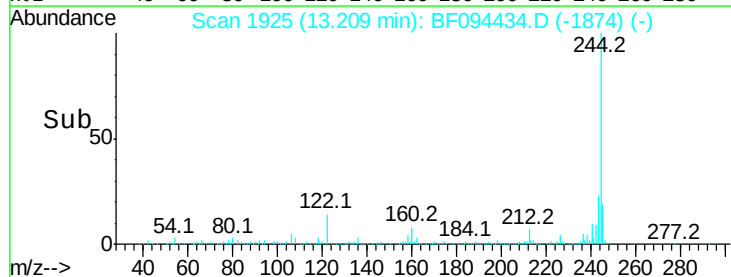
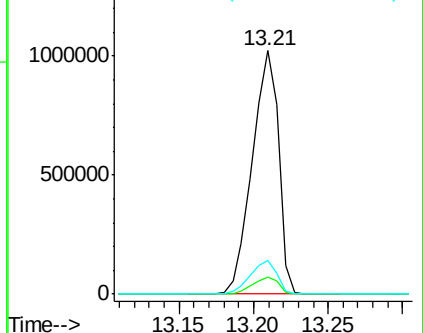
122 13.9 10.3 15.5

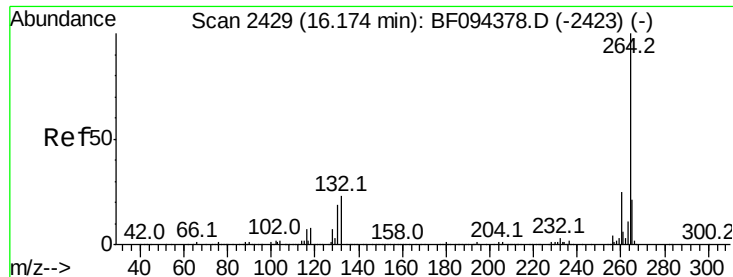


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BF094434.D
 Acq: 14 Apr 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.8	17.2	25.8

