

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094435.D
 Acq On : 14 Apr 2017 18:23
 Operator : SJ/MA
 Sample : I2677-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:35:42 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

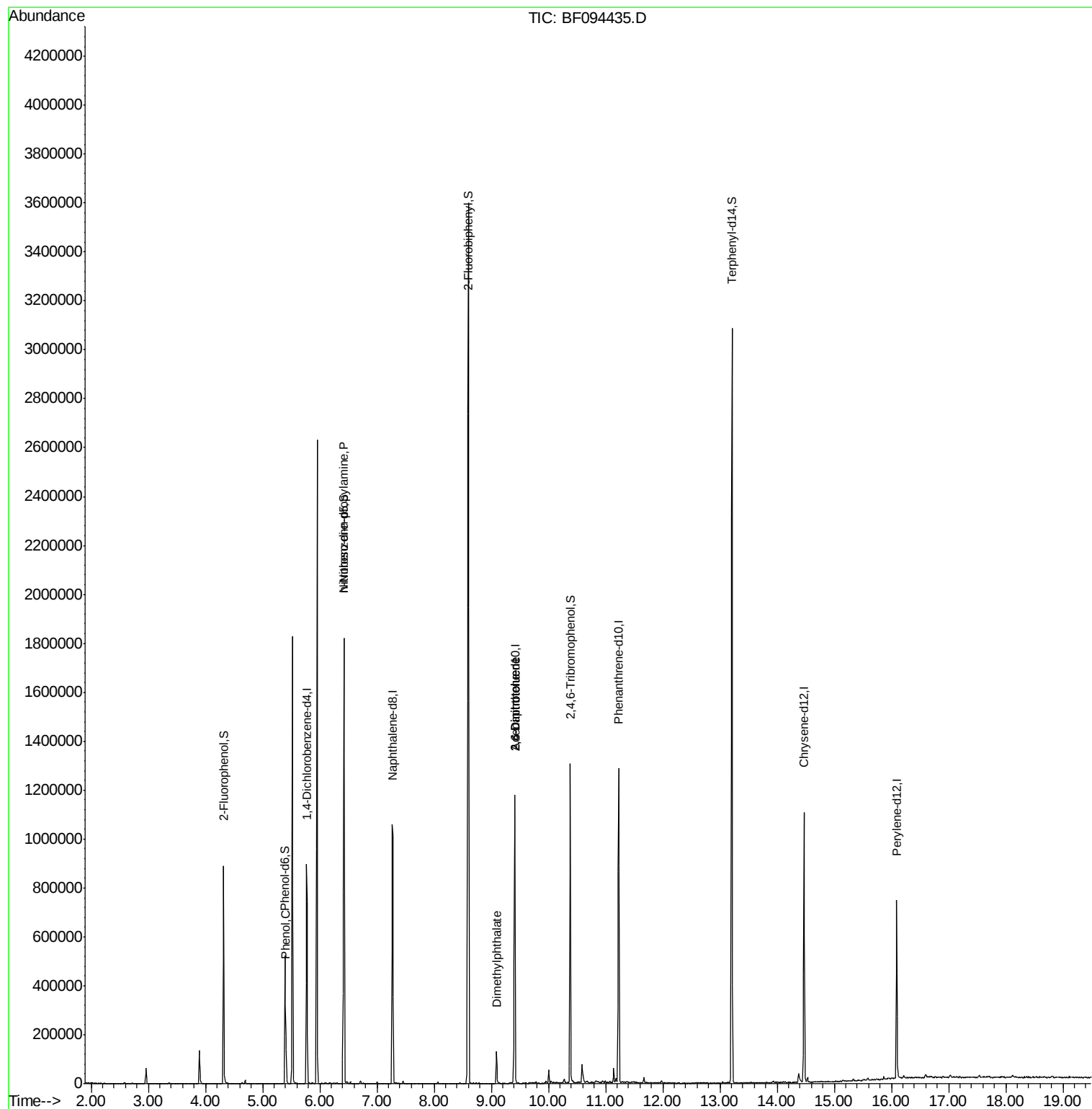
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	146612	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	586766	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	277122	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	512415	20.00	ng	0.00
75) Chrysene-d12	14.47	240	427170	20.00	ng	0.00
86) Perylene-d12	16.09	264	290752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	240219	27.67	ng	0.00
7) Phenol-d6	5.39	99	173422	16.15	ng	-0.01
23) Nitrobenzene-d5	6.42	82	721461	70.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	154567	70.58	ng	-0.01
44) 2-Fluorobiphenyl	8.60	172	1359207	74.81	ng	0.00
78) Terphenyl-d14	13.21	244	1199151	62.92	ng	0.00
Target Compounds						
10) Phenol	5.40	94	49015	4.01	ng	90
19) n-Nitroso-di-n-propylamine	6.42	70	95490	13.84	ng	# 78
49) Dimethylphthalate	9.09	163	56627	2.87	ng	97
50) 2,6-Dinitrotoluene	9.41	165	34791	7.70	ng	# 33
56) 2,4-Dinitrotoluene	9.41	165	34790	6.13	ng	# 33

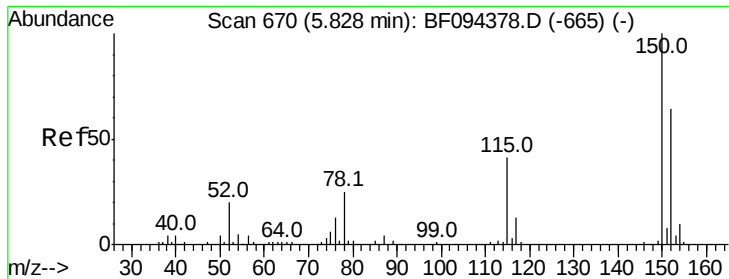
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
Data File : BF094435.D
Acq On : 14 Apr 2017 18:23
Operator : SJ/MA
Sample : I2677-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 14 23:35:42 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



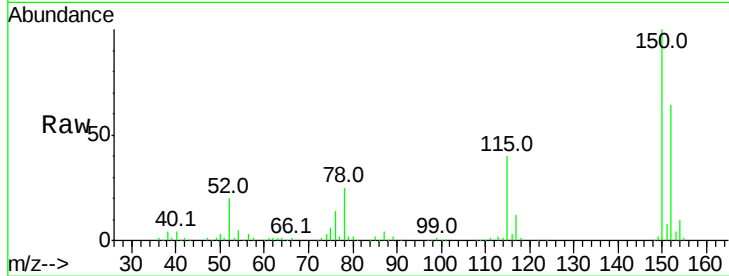


#1

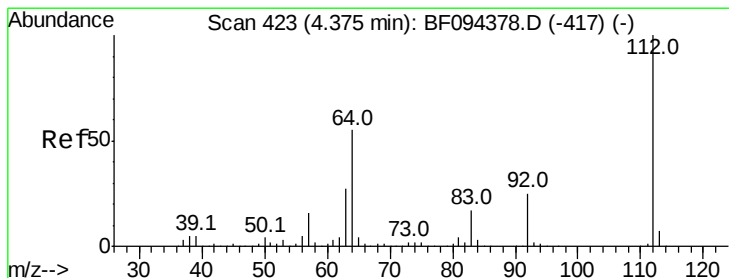
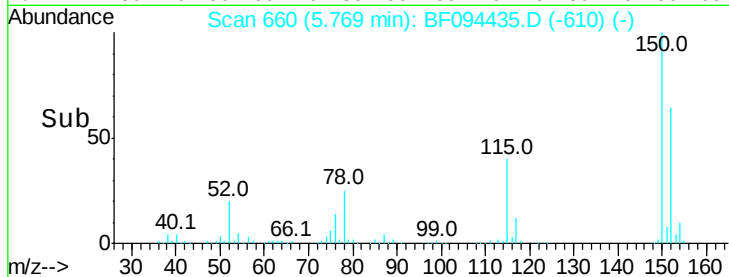
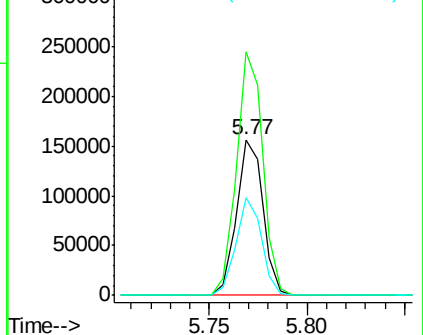
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 146612
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 62.8 52.2 78.2



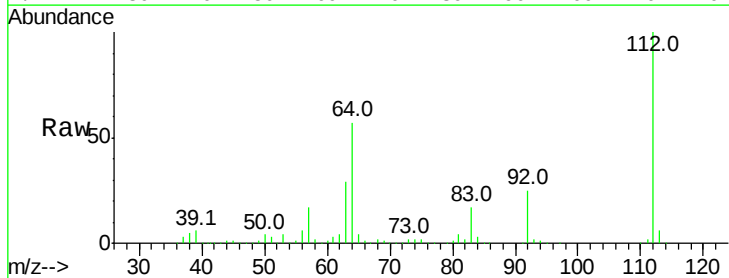
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



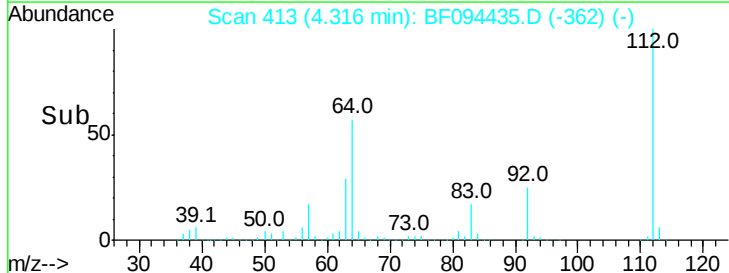
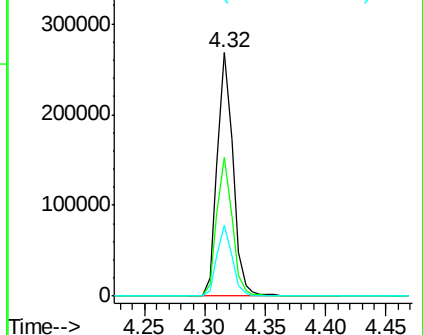
#5

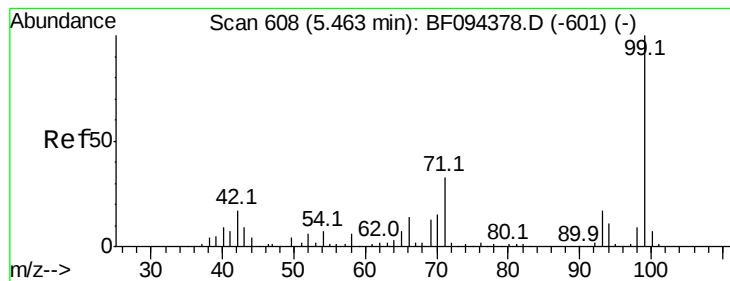
2-Fluorophenol
 Concen: 27.67 ng
 RT: 4.32 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

Tgt Ion:112 Resp: 240219
 Ion Ratio Lower Upper
 112 100
 64 57.1 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: 16.15 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

Instrument :

BNA_F

ClientSampled :

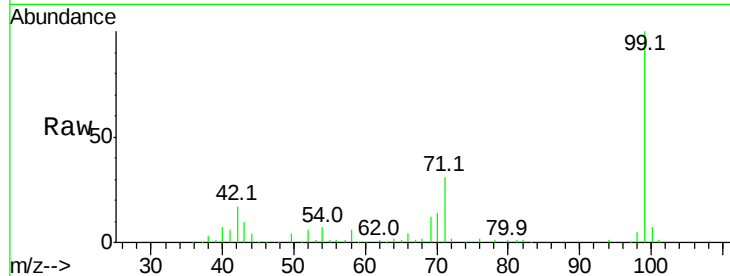
Tot Ion: 99 Resp: 173422

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

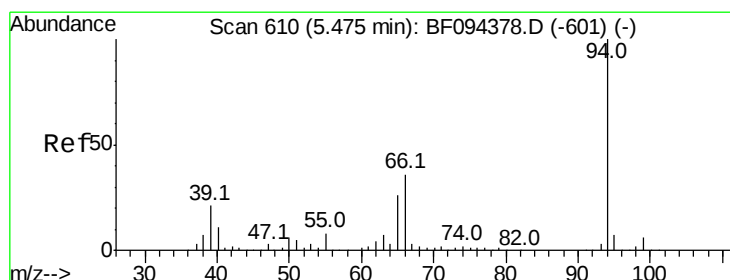
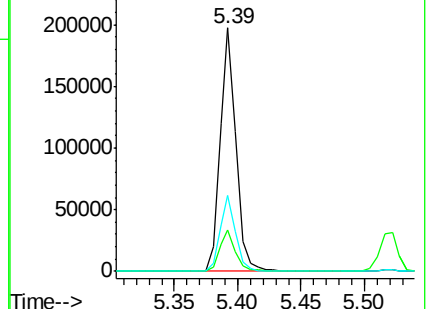
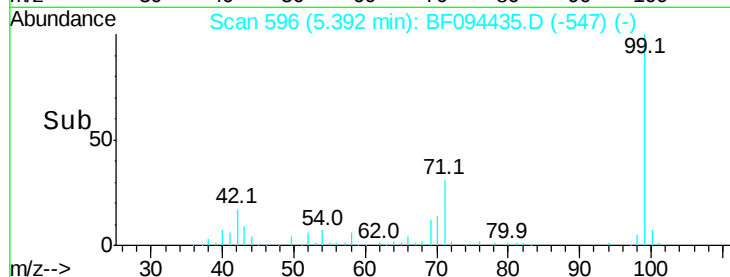
71 31.4 24.5 36.7



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: 4.01 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

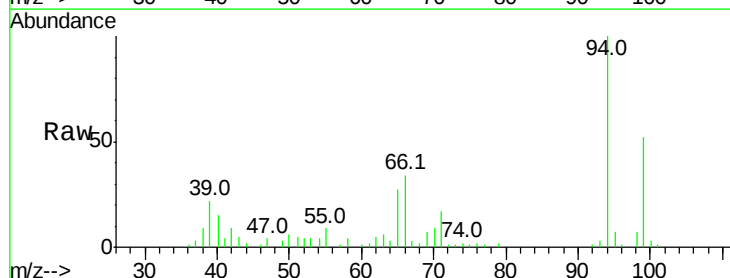
Tgt Ion: 94 Resp: 49015

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

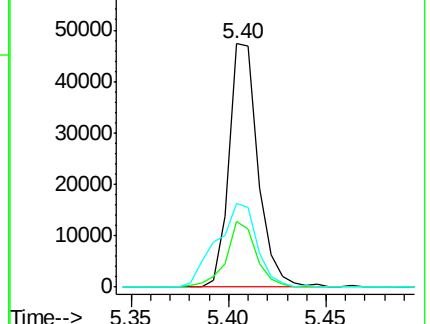
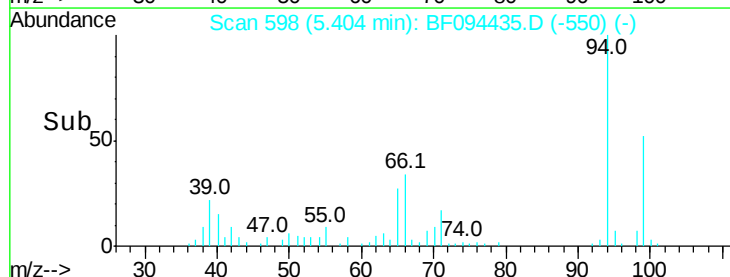
66 34.2 23.1 63.1

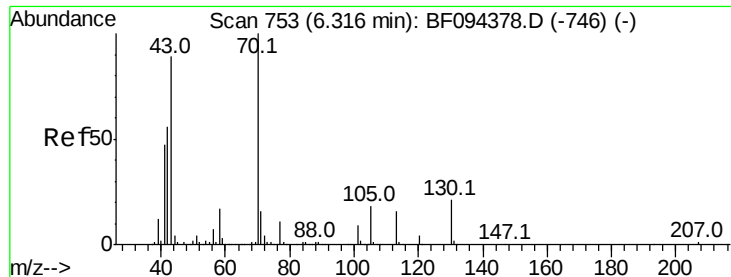


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

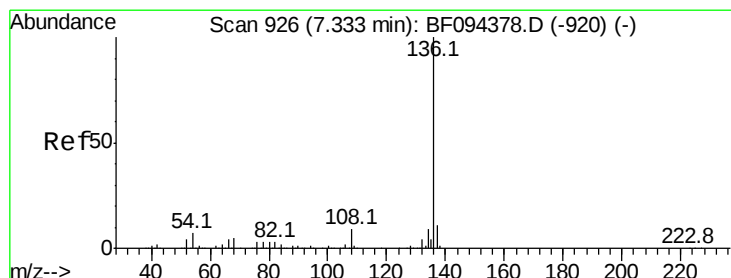
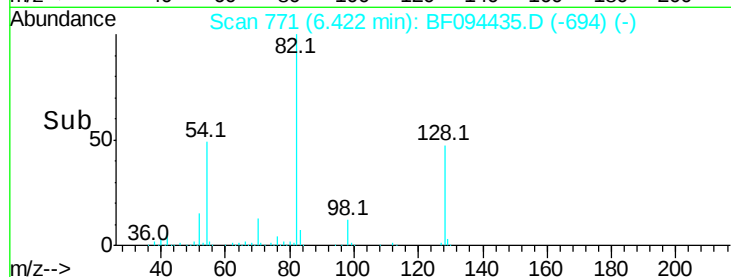
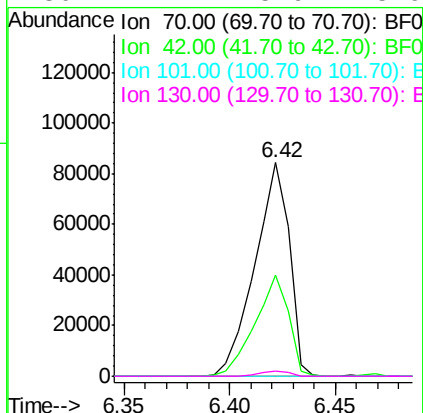
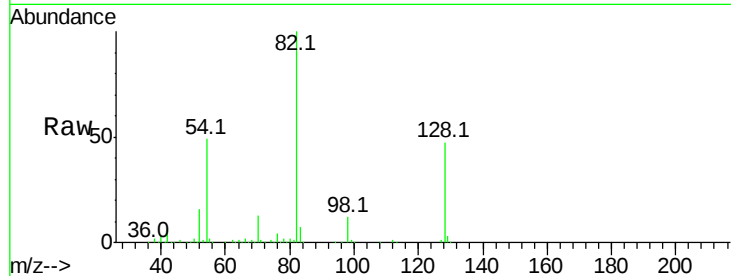




#19
n-Nitroso-di-n-propylamine
Concen: 13.84 ng
RT: 6.42 min Scan# 771
Delta R.T. 0.15 min
Lab File: BF094435.D
Acq: 14 Apr 2017 18:23

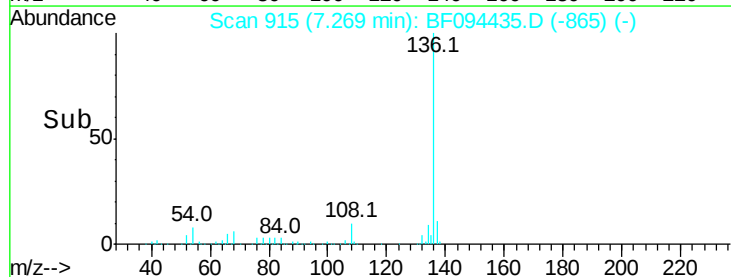
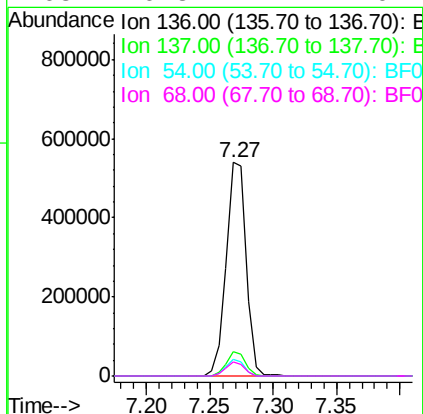
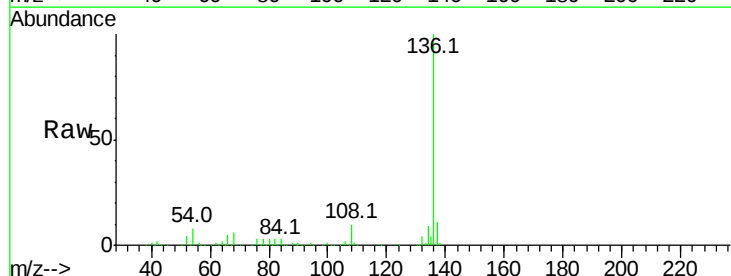
Instrument :
BNA_F
ClientSampleId :

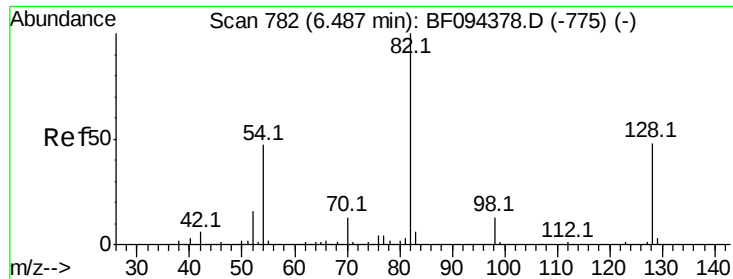
Tot Ion: 70 Resp: 95490
Ion Ratio Lower Upper
70 100
42 47.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF094435.D
Acq: 14 Apr 2017 18:23

Tgt Ion:136 Resp: 586766
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 8.1 4.9 7.3#
68 6.3 4.1 6.1#

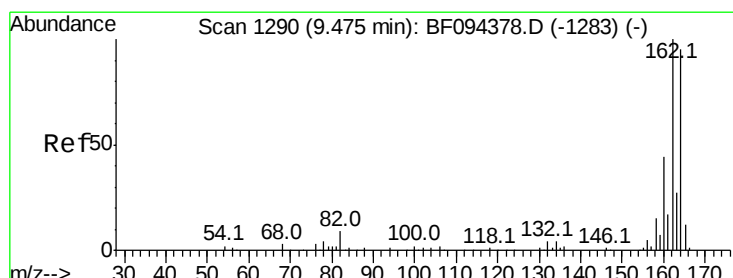
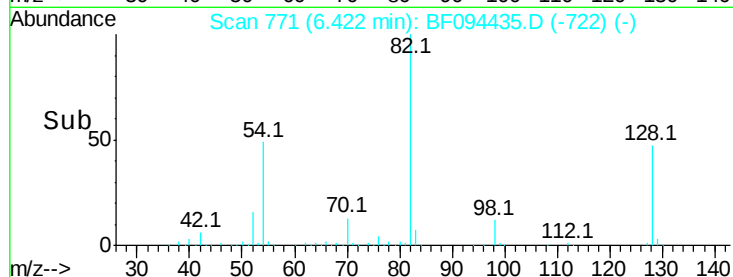
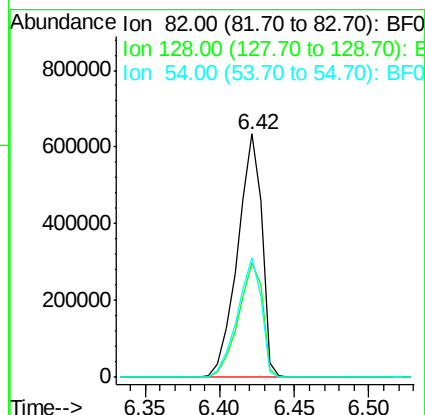
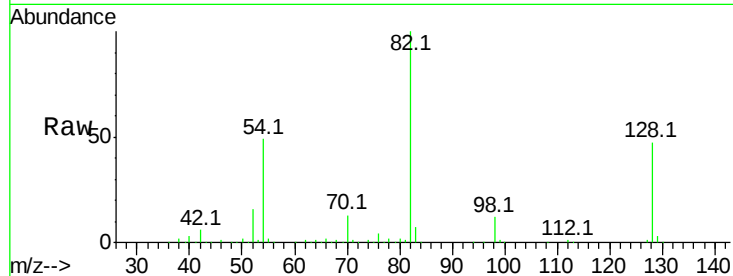




#23
 Nitrobenzene-d5
 Concen: 70.17 ng
 RT: 6.42 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

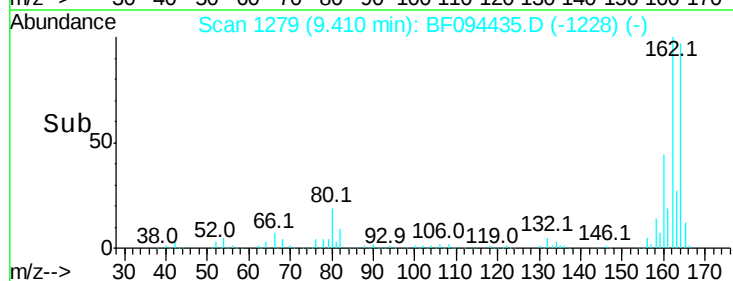
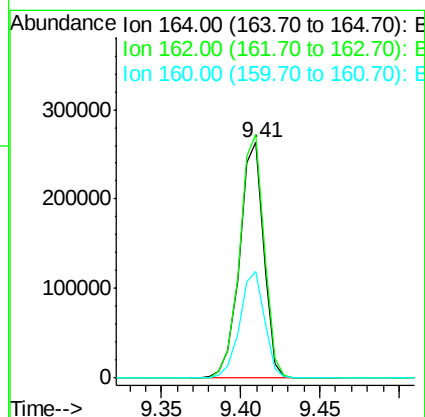
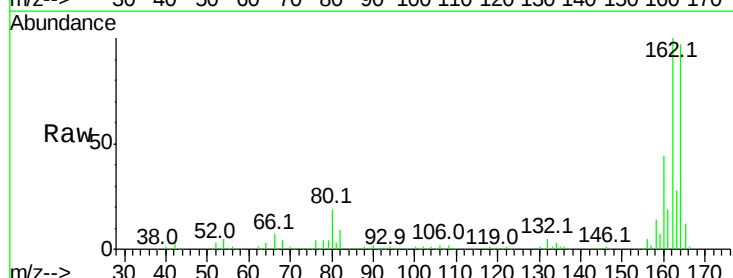
Instrument :
 BNA_F
 ClientSampleId :

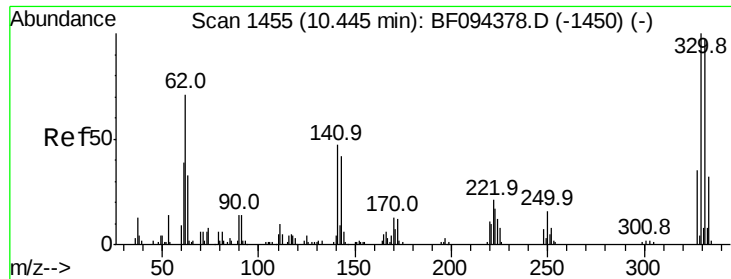
Tot Ion: 82 Resp: 721461
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 49.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.41 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

Tgt Ion:164 Resp: 277122
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 45.4 36.2 54.2

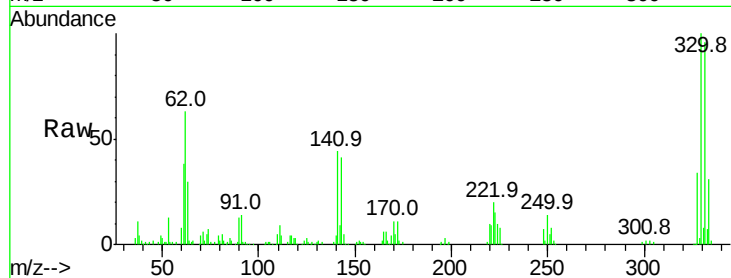




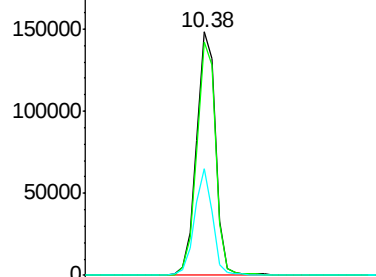
#41
 2,4,6-Tribromophenol
 Concen: 70.58 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :

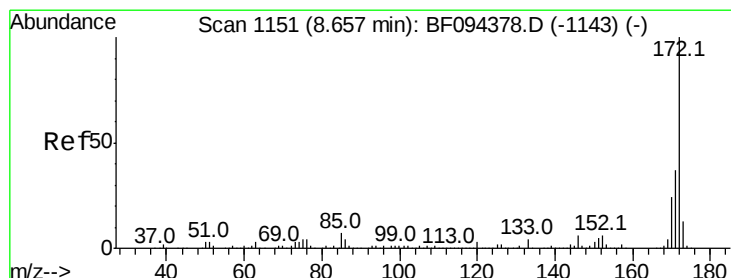
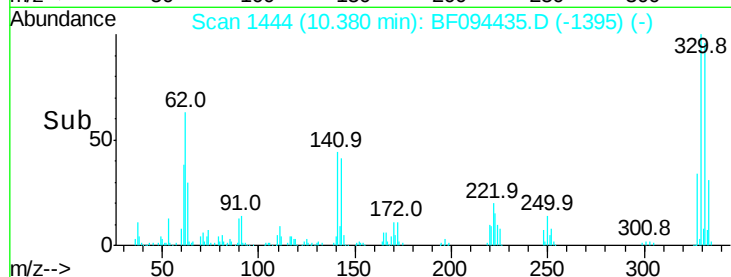
Tot Ion:330 Resp: 154567
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 40.9 31.4 47.2



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

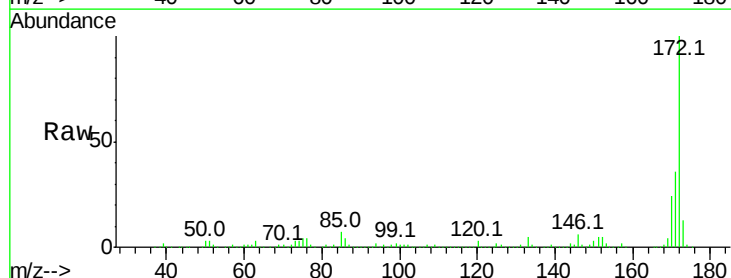


Time--> 10.30 10.40 10.50

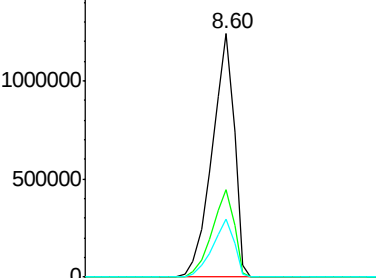


#44
 2-Fluorobiphenyl
 Concen: 74.81 ng
 RT: 8.60 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF094435.D
 Acq: 14 Apr 2017 18:23

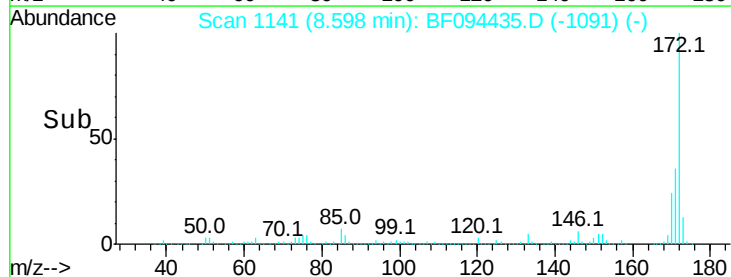
Tgt Ion:172 Resp: 1359207
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 19.8 29.8

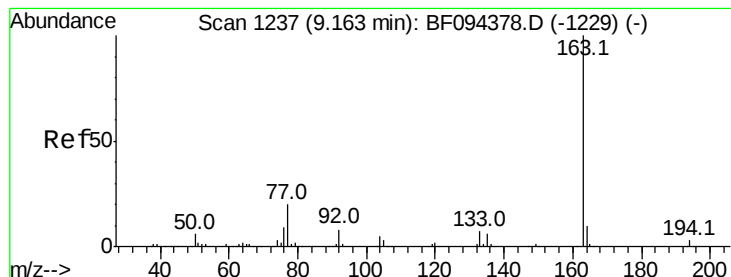


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time--> 8.50 8.55 8.60 8.65





#49

Dimethylphthalate

Concen: 2.87 ng

RT: 9.09 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

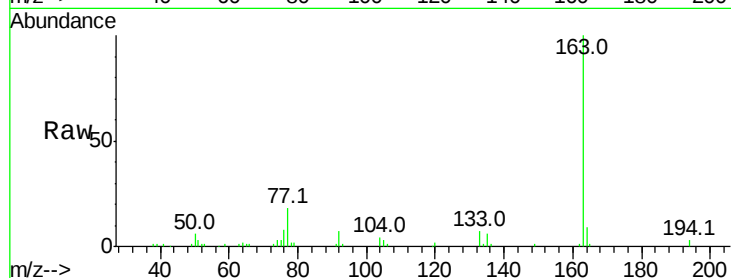
Tot Ion:163 Resp: 56627

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

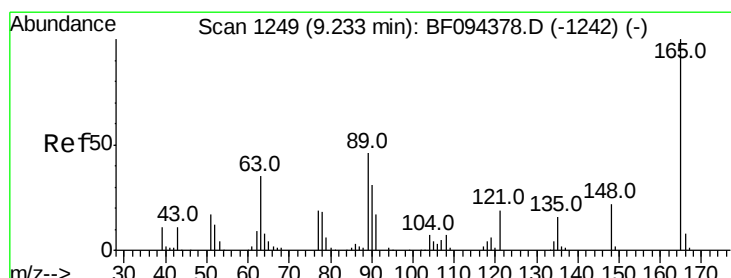
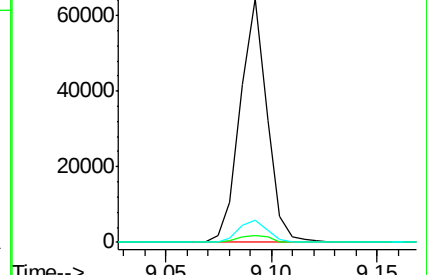
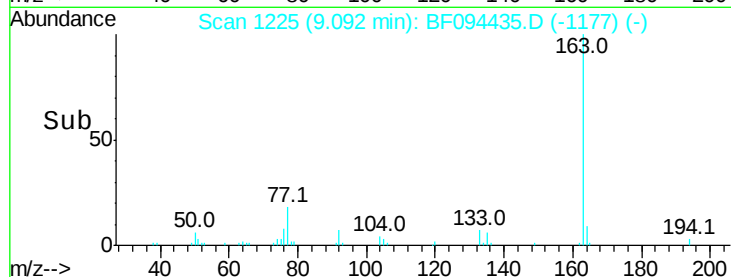
164 9.1 8.4 12.6



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: 7.70 ng

RT: 9.41 min Scan# 1279

Delta R.T. 0.24 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

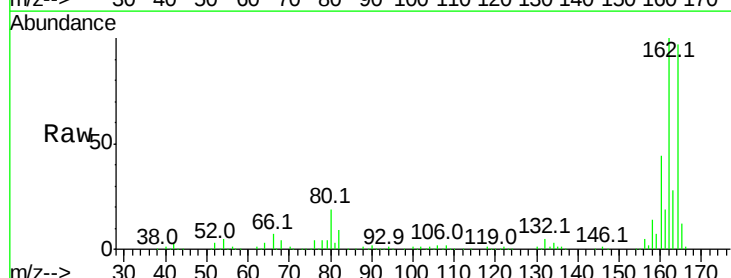
Tgt Ion:165 Resp: 34791

Ion Ratio Lower Upper

165 100

63 1.2 34.3 51.5#

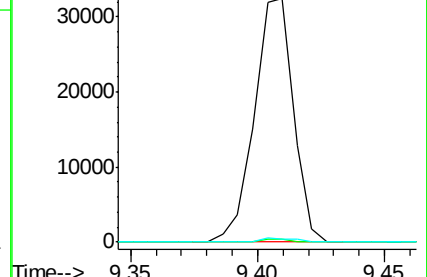
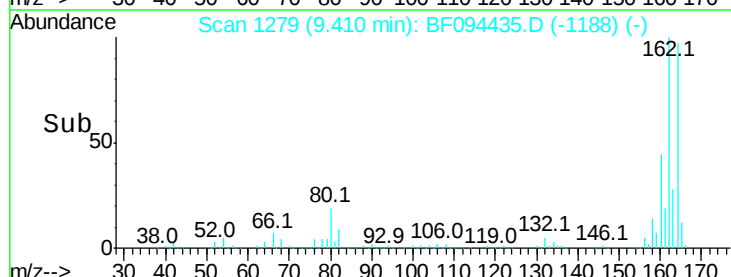
89 1.4 37.1 55.7#

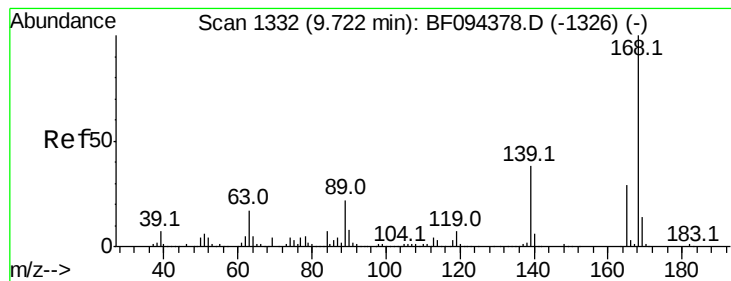


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.13 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.26 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 34790

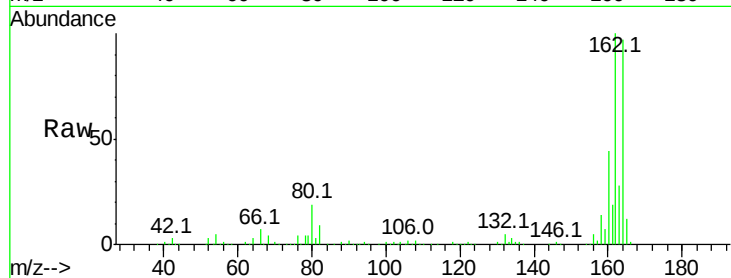
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

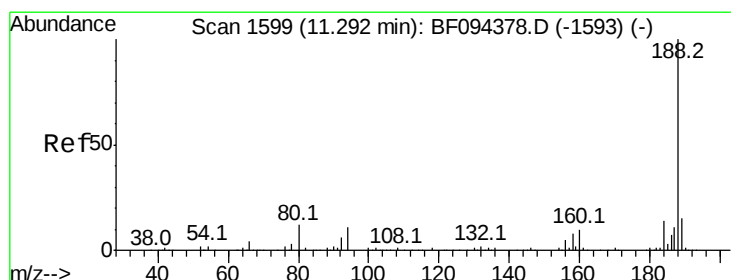
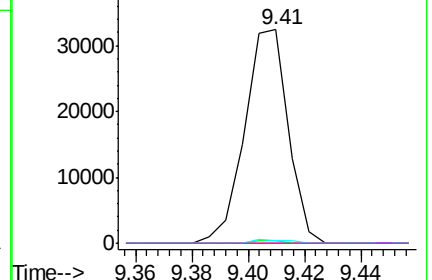
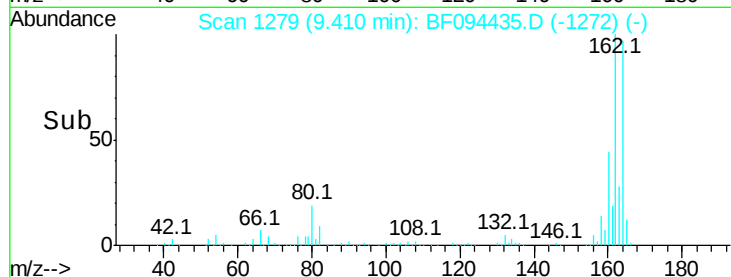


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.23 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

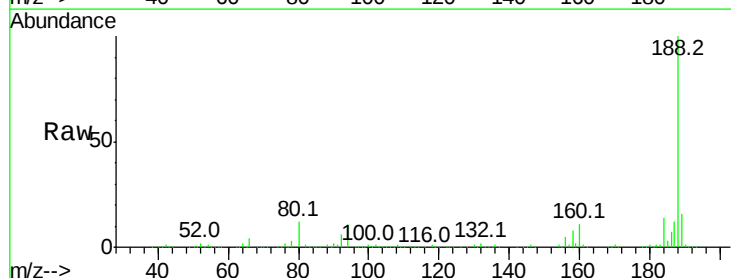
Tgt Ion:188 Resp: 512415

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

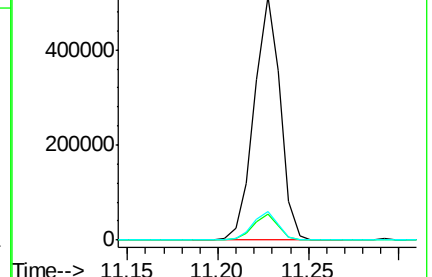
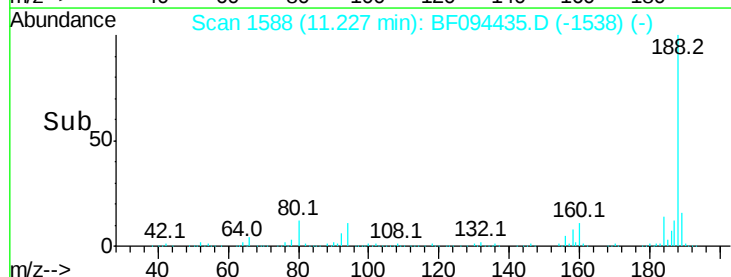
80 11.6 10.2 15.2

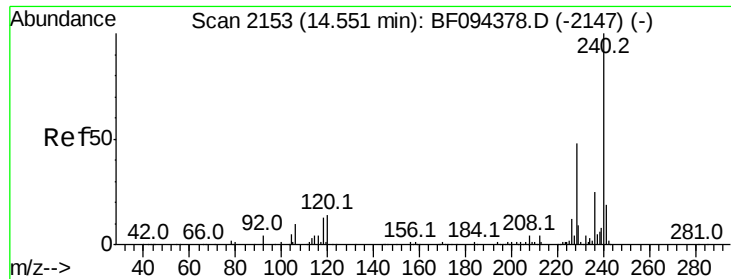


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

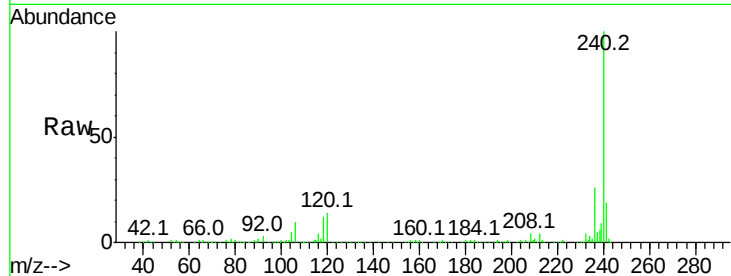
Tot Ion:240 Resp: 427170

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

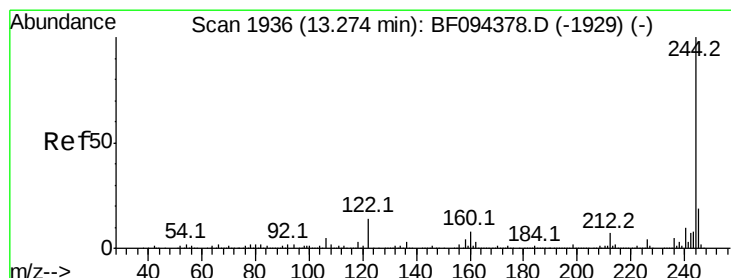
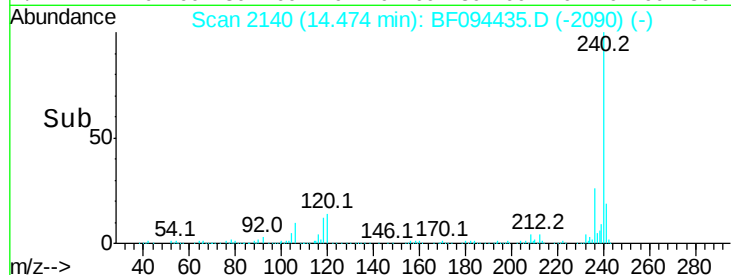
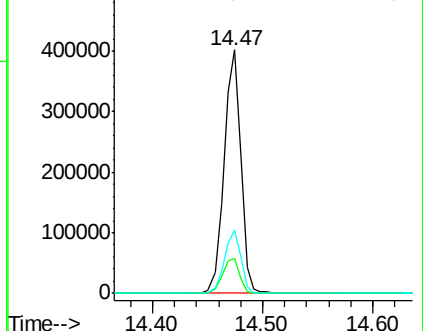
236 25.7 20.5 30.7



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: 62.92 ng

RT: 13.21 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BF094435.D

Acq: 14 Apr 2017 18:23

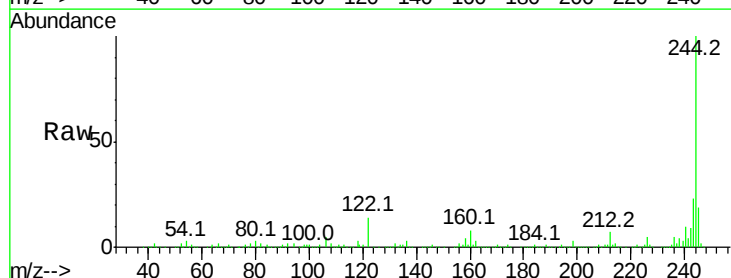
Tgt Ion:244 Resp: 1199151

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

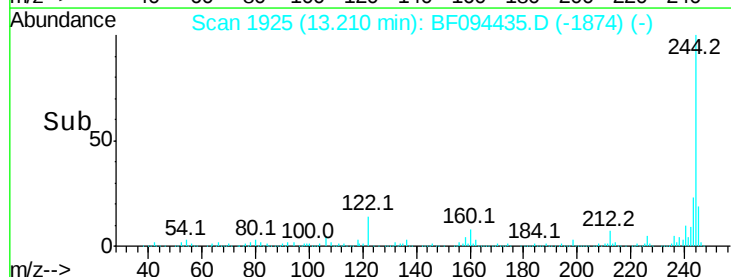
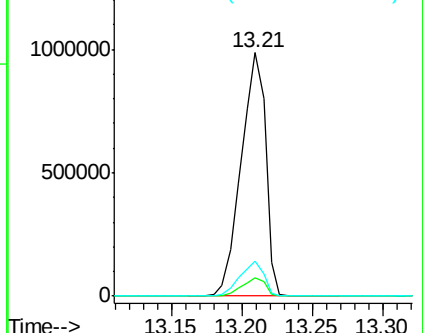
122 14.3 10.3 15.5

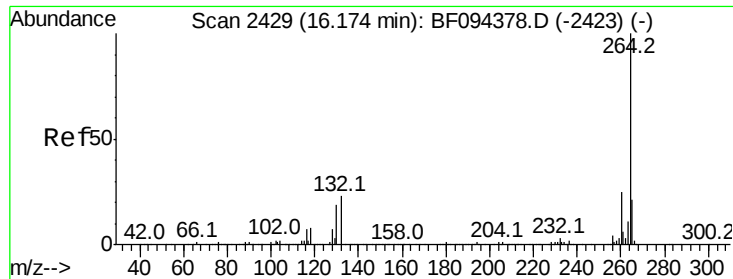


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

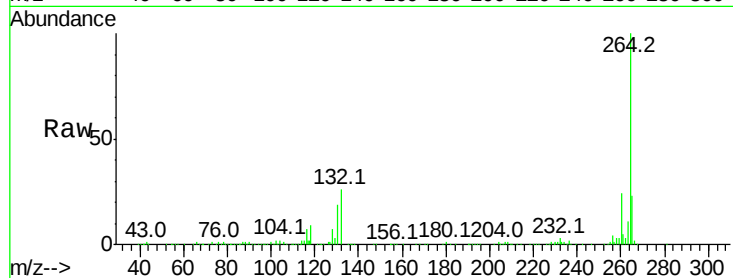




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BF094435.D
Acq: 14 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.9	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

