

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094359.D
 Acq On : 11 Apr 2017 19:24
 Operator : SJ/MA
 Sample : I2620-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:50:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

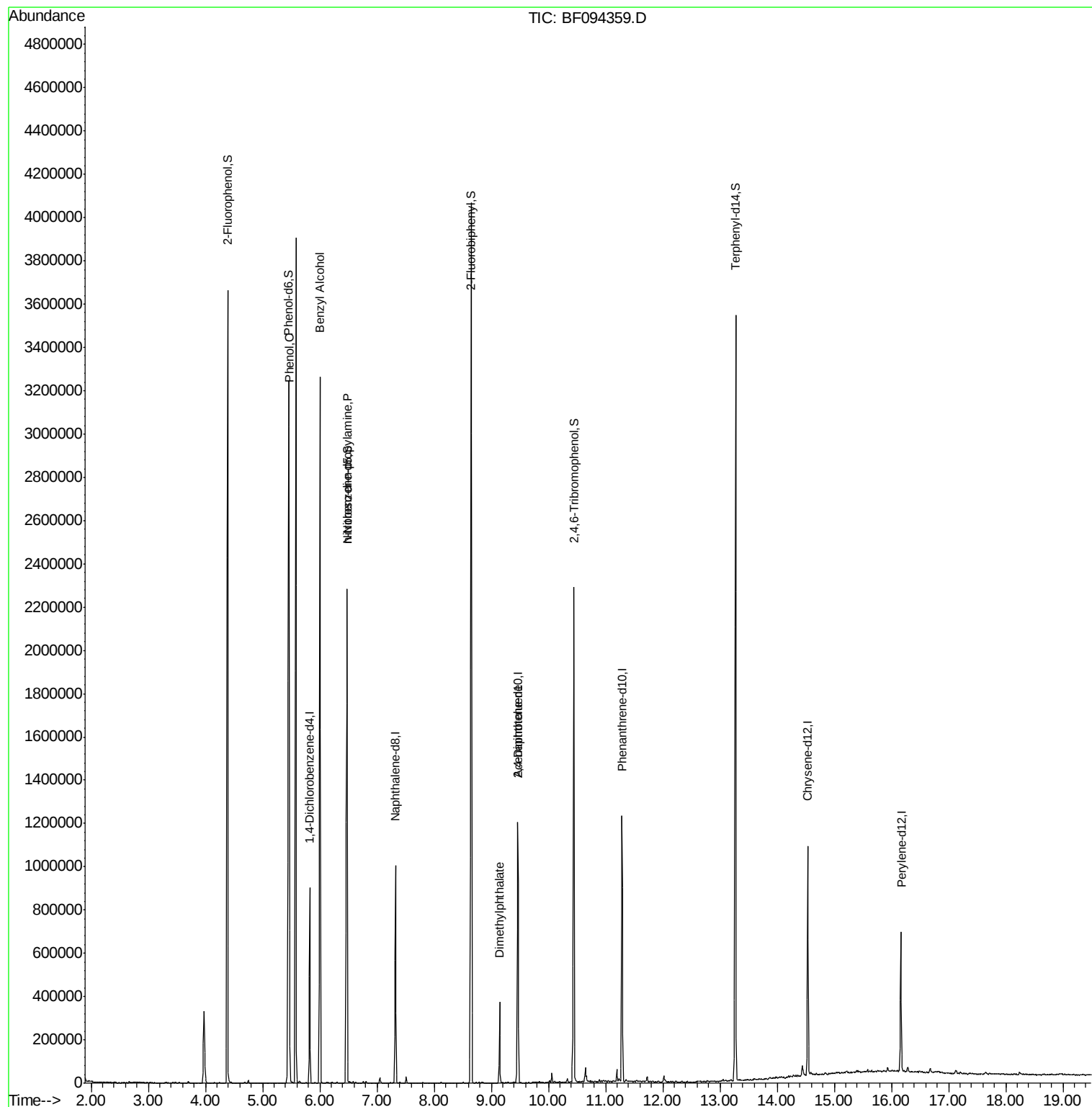
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	141600	20.00	ng	-0.04
21) Naphthalene-d8	7.32	136	571325	20.00	ng	-0.04
38) Acenaphthene-d10	9.46	164	267197	20.00	ng	-0.04
63) Phenanthrene-d10	11.29	188	489119	20.00	ng	-0.04
75) Chrysene-d12	14.54	240	391094	20.00	ng	-0.04
86) Perylene-d12	16.17	264	263338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1233072	147.08	ng	0.00
7) Phenol-d6	5.46	99	1605927	154.84	ng	0.00
23) Nitrobenzene-d5	6.47	82	988888	98.78	ng	-0.04
41) 2,4,6-Tribromophenol	10.45	330	327432	155.08	ng	-0.03
44) 2-Fluorobiphenyl	8.65	172	1720136	98.19	ng	-0.04
78) Terphenyl-d14	13.27	244	1453789	83.32	ng	-0.02
Target Compounds						
10) Phenol	5.47	94	104427	8.85	ng	Qvalue 92
15) Benzyl Alcohol	6.00	79	16098	2.12	ng	# 43
19) n-Nitroso-di-n-propylamine	6.47	70	129851	19.48	ng	# 77
49) Dimethylphthalate	9.15	163	163837	8.63	ng	97
56) 2,4-Dinitrotoluene	9.46	165	34810	6.36	ng	# 32

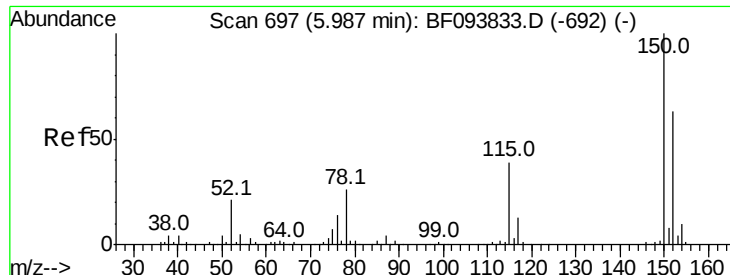
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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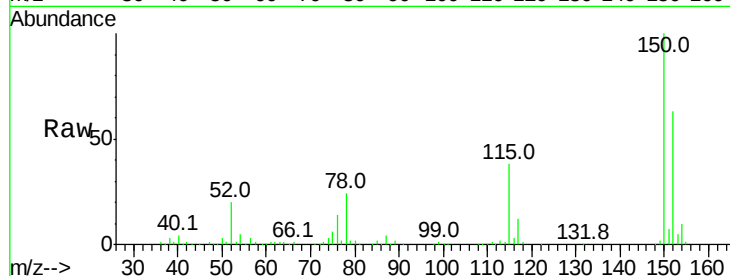


#1

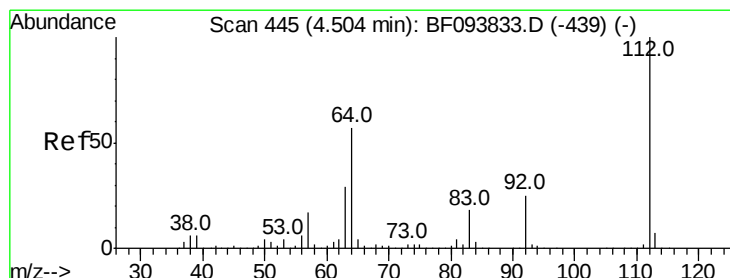
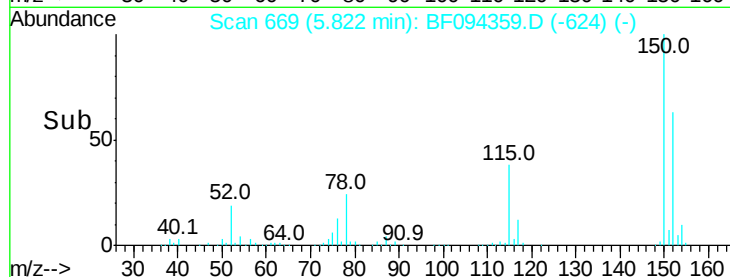
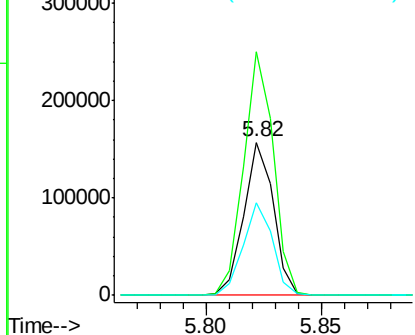
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141600
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 60.6 52.2 78.2



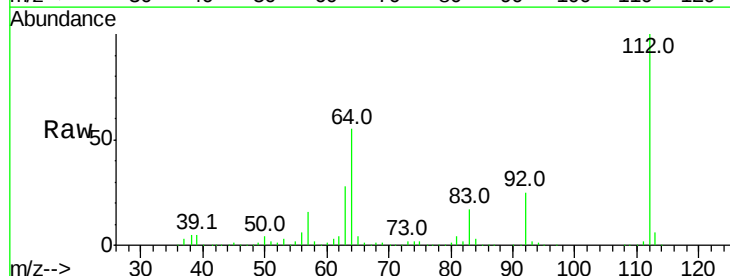
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



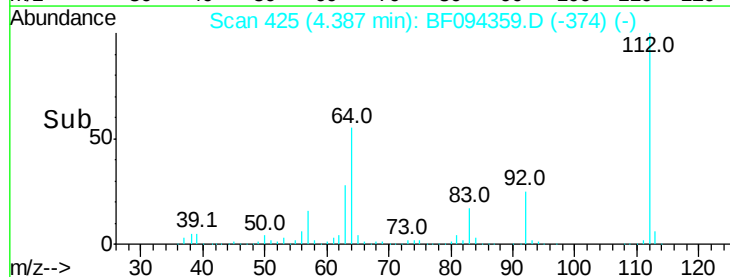
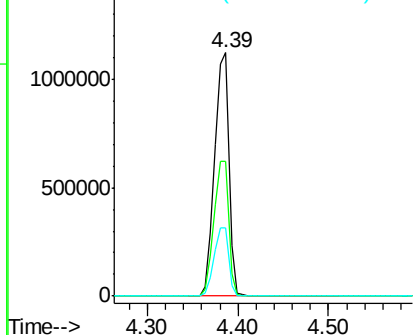
#5

2-Fluorophenol
Concen: 147.08 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

Tgt Ion:112 Resp: 1233072
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 28.0 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: 154.84 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Instrument :

BNA_F

ClientSampleId :

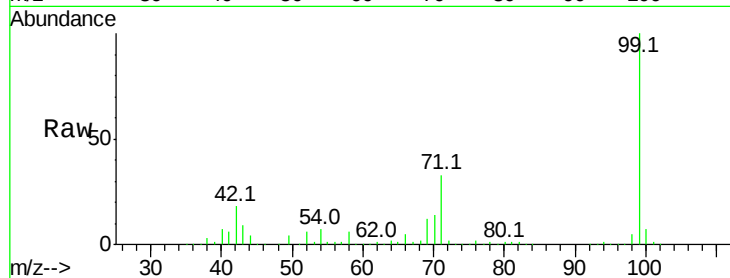
Tot Ion: 99 Resp: 1605927

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	33.4	24.5	36.7

99 100

42 18.1 13.5 20.3

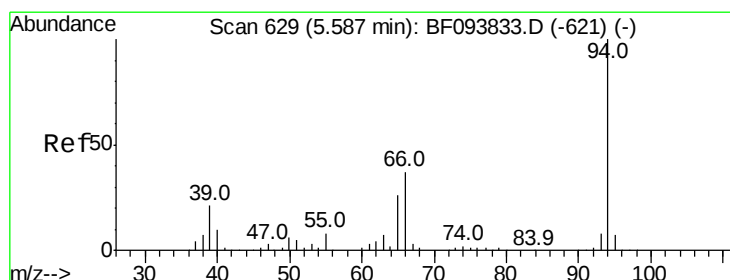
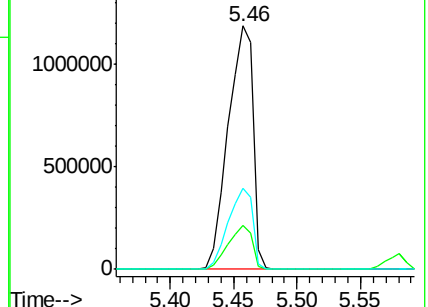
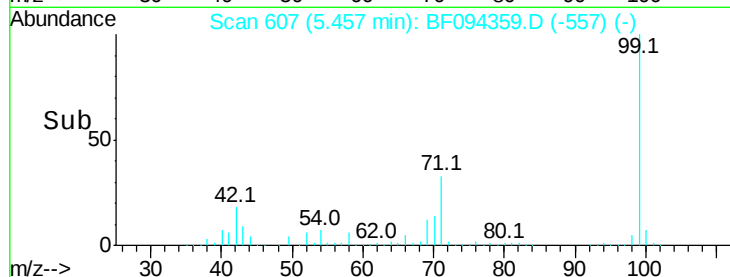
71 33.4 24.5 36.7



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: 8.85 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

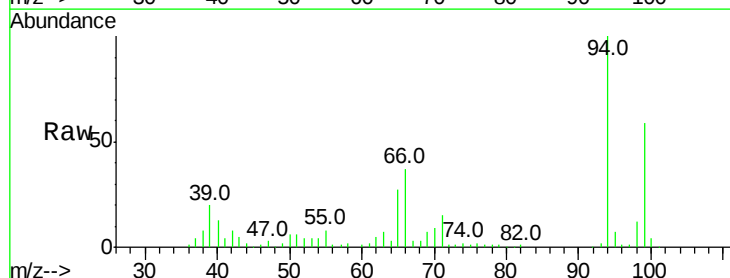
Tgt Ion: 94 Resp: 104427

Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	37.2	23.1	63.1

94 100

65 27.0 9.9 49.9

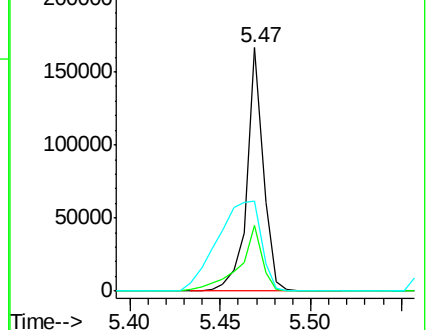
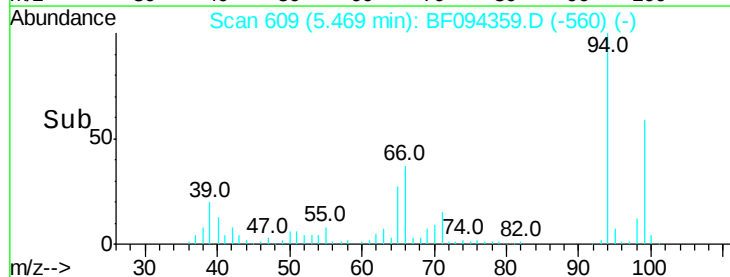
66 37.2 23.1 63.1

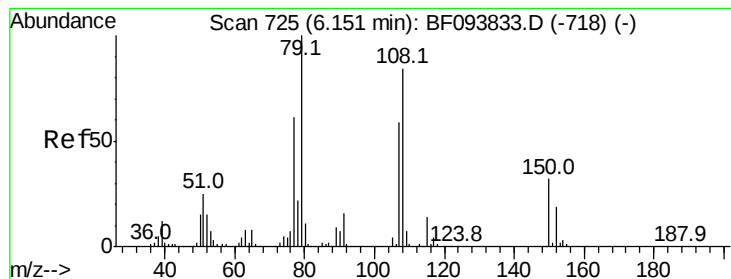


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.00 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Instrument :

BNA_F

ClientSampled :

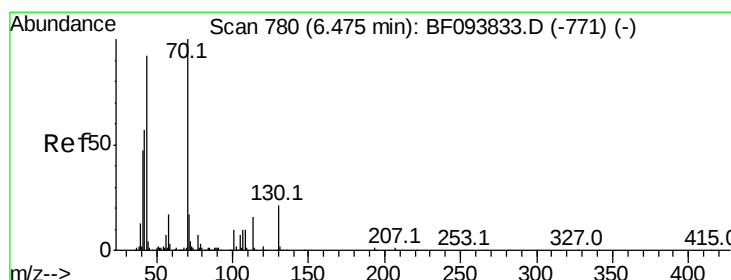
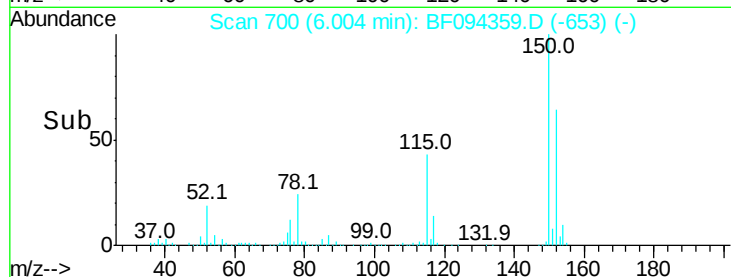
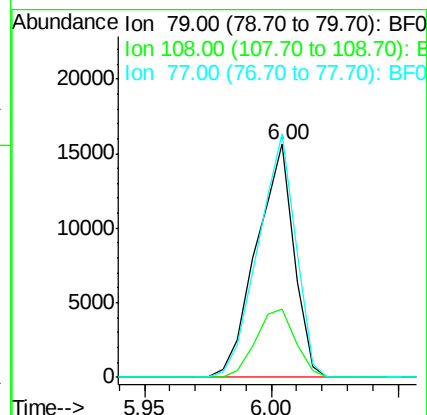
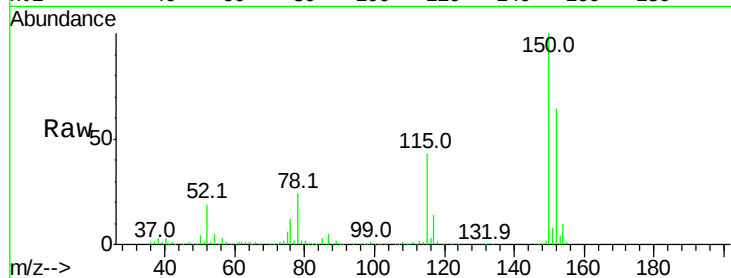
Tot Ion: 79 Resp: 16098

Ion Ratio Lower Upper

79 100

108 29.1 63.4 95.0#

77 104.4 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 19.48 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.13 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Tgt Ion: 70 Resp: 129851

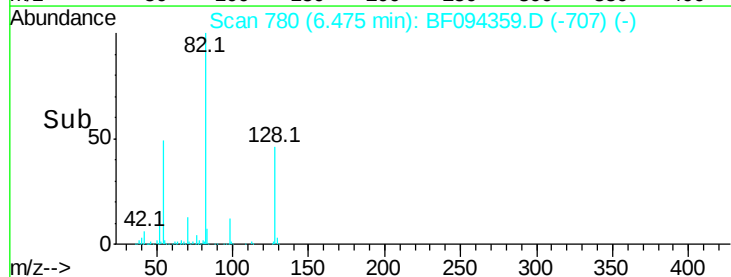
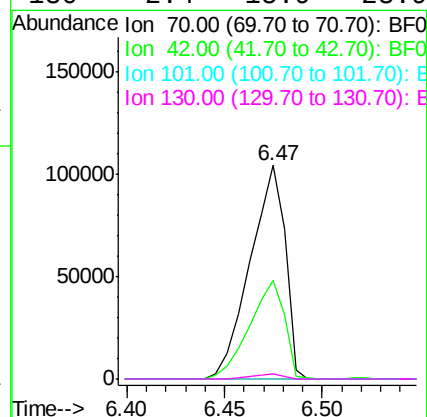
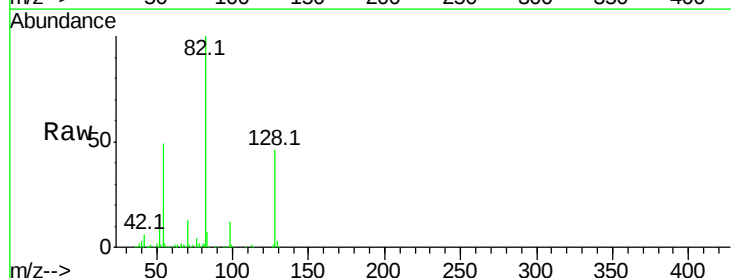
Ion Ratio Lower Upper

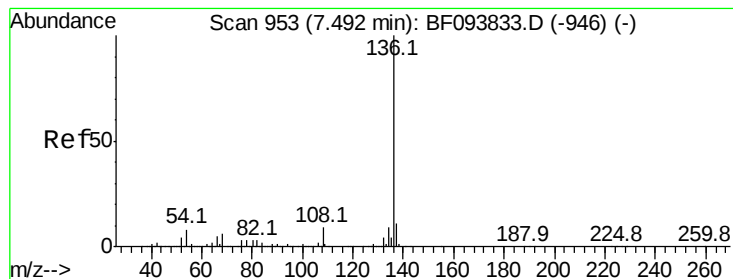
70 100

42 46.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.32 min Scan# 924

Delta R.T. -0.04 min

Lab File: BF094359.D

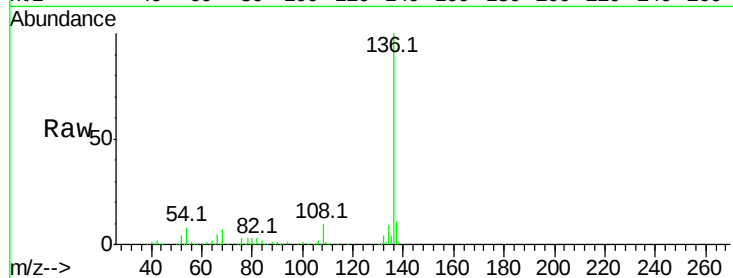
Acq: 11 Apr 2017 19:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	571325
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.8	4.9 7.3#
68	6.8	4.1 6.1#

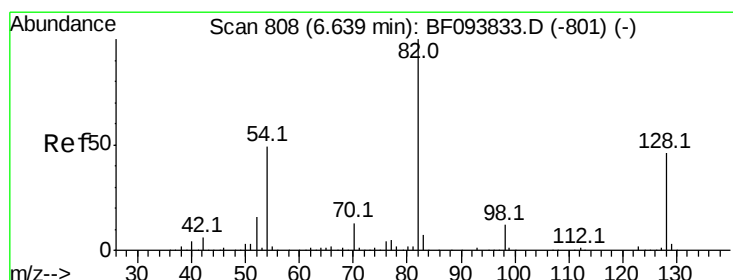
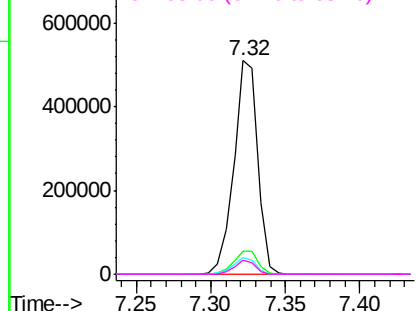
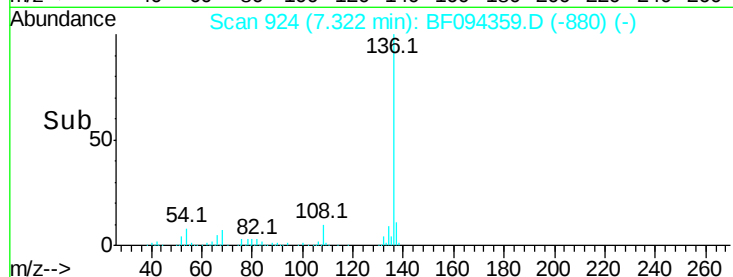


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.78 ng

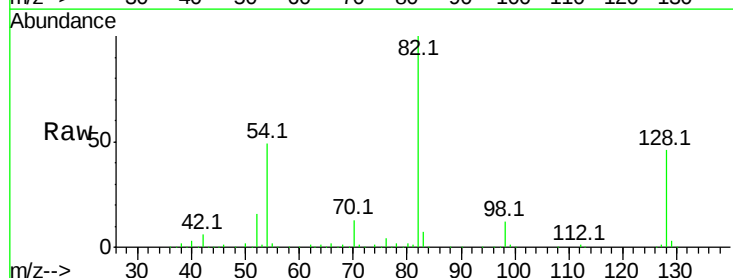
RT: 6.47 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

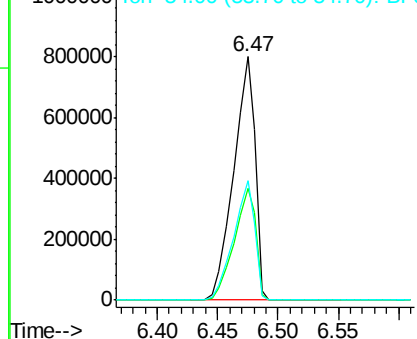
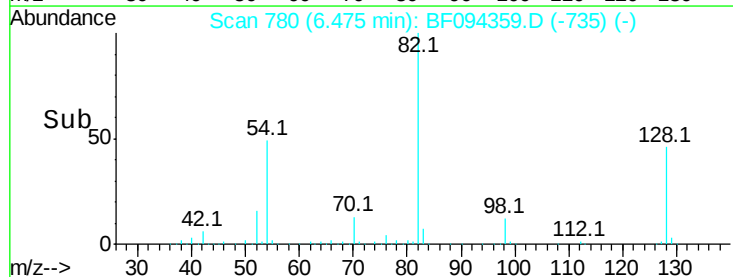
Tgt Ion: 82	Resp:	988888
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.0 51.0
54	48.9	42.2 63.2

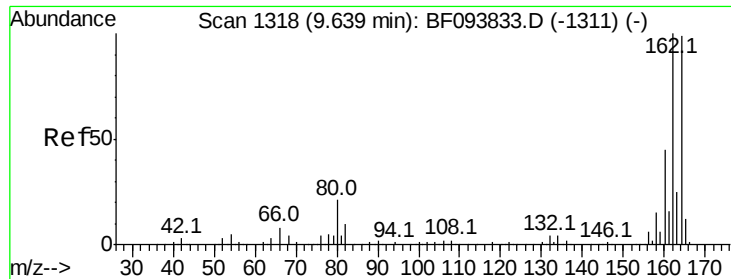


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

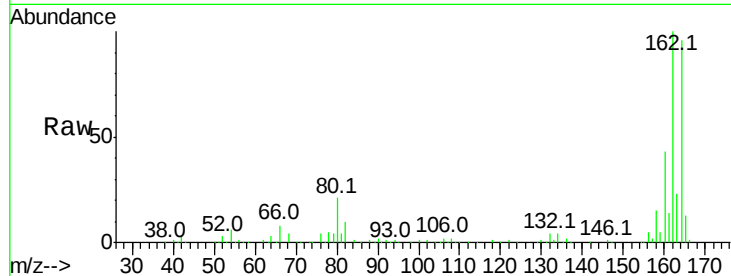




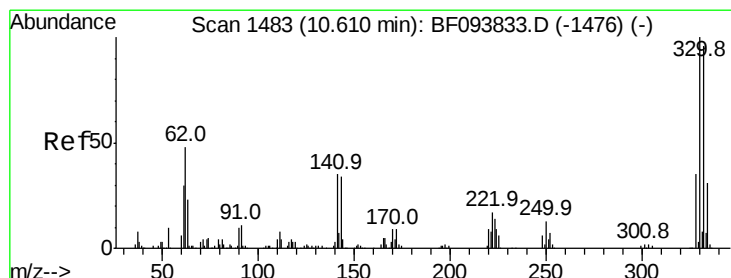
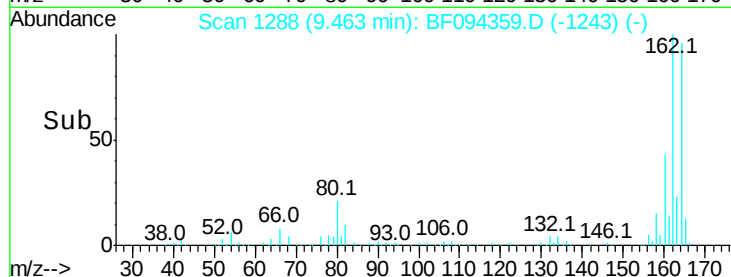
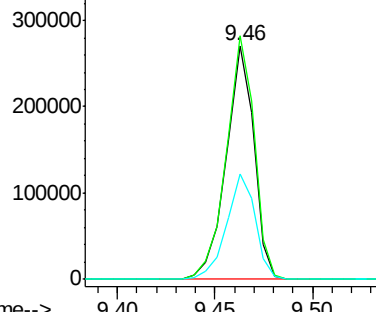
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1288
Delta R.T. -0.04 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 267197
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 44.9 36.2 54.2

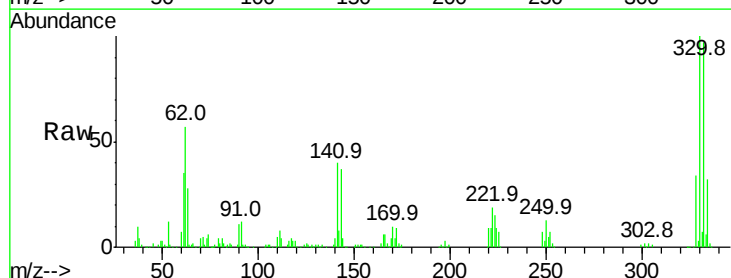


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

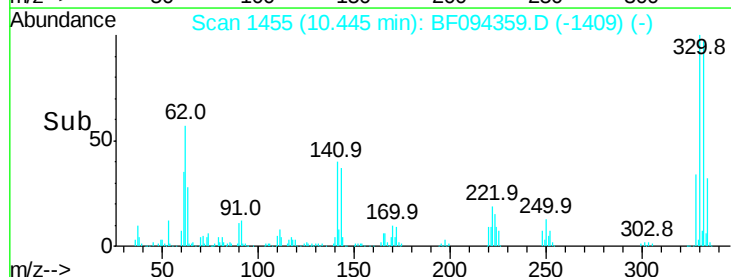
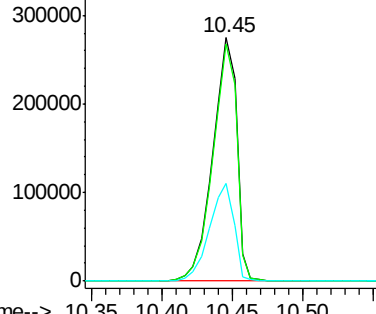


#41
2,4,6-Tribromophenol
Concen: 155.08 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

Tgt Ion:330 Resp: 327432
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 40.5 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



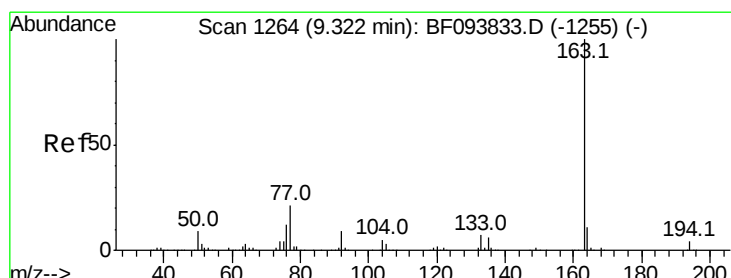
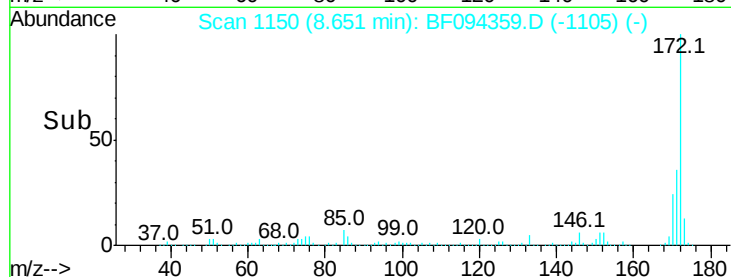
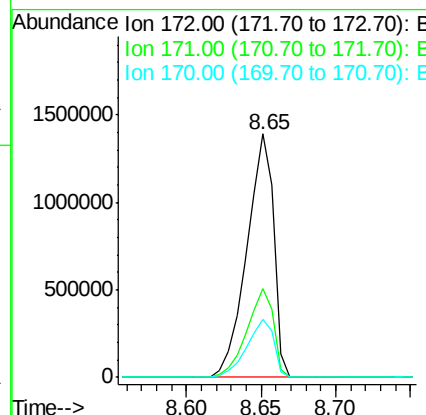
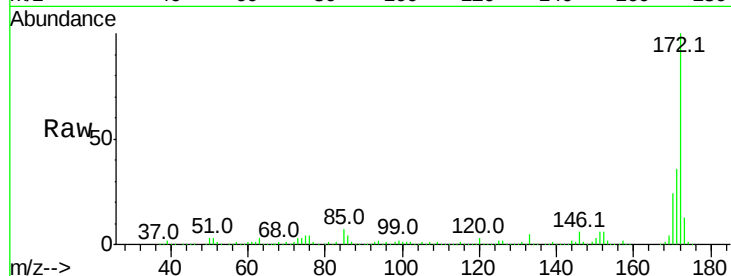


#44
 2-Fluorobiphenyl
 Concen: 98.19 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF094359.D
 Acq: 11 Apr 2017 19:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1720136

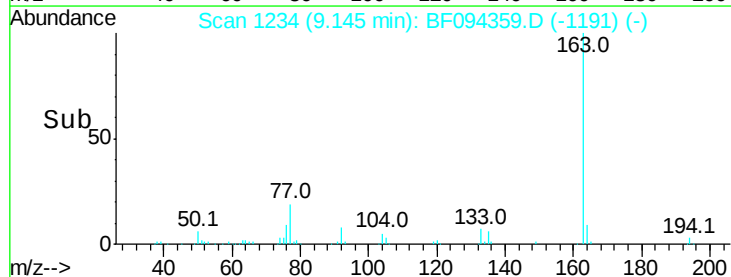
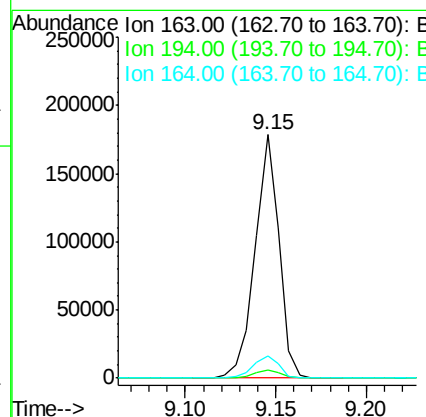
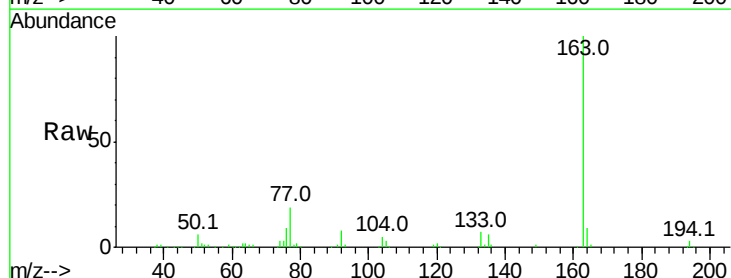
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.0	19.8	29.8



#49
 Dimethylphthalate
 Concen: 8.63 ng
 RT: 9.15 min Scan# 1234
 Delta R.T. -0.05 min
 Lab File: BF094359.D
 Acq: 11 Apr 2017 19:24

Tgt Ion:163 Resp: 163837

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.0	8.4	12.6





#56

2,4-Dinitrotoluene

Concen: 6.36 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.29 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 34810

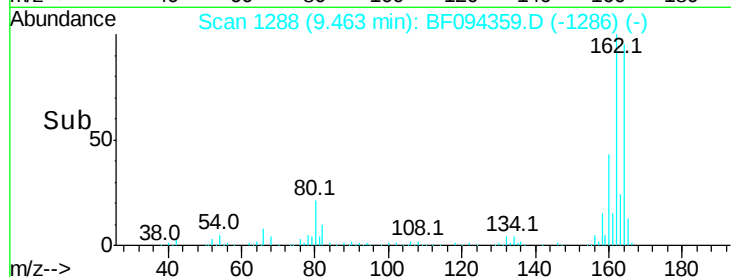
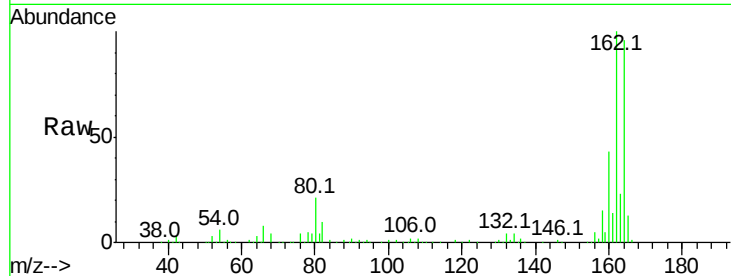
Ion Ratio Lower Upper

165 100

63 0.8 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

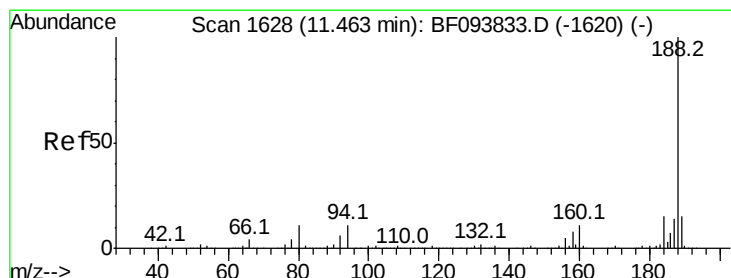
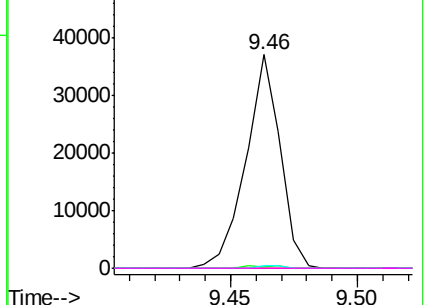


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.29 min Scan# 1598

Delta R.T. -0.04 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

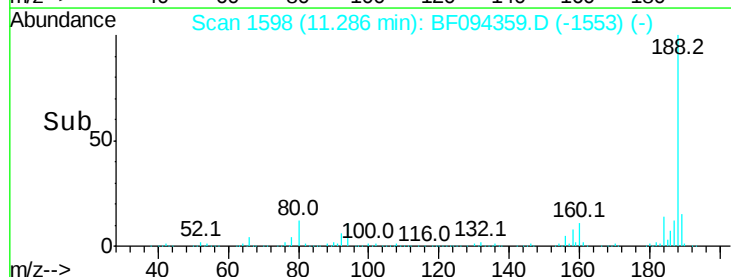
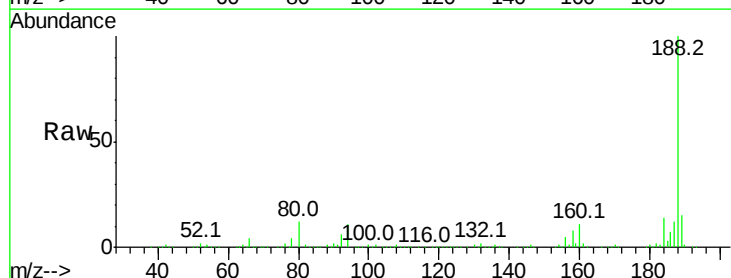
Tgt Ion:188 Resp: 489119

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

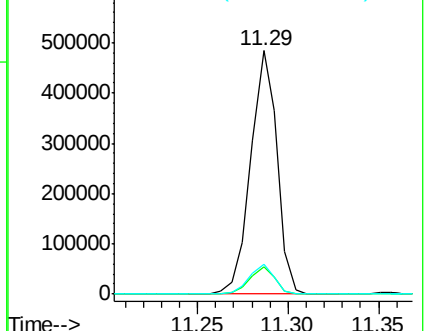
80 12.0 10.2 15.2

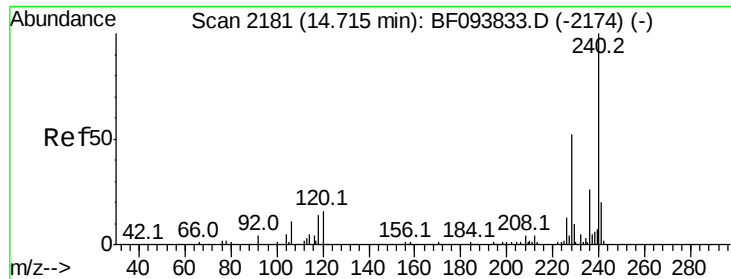


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.54 min Scan# 2151

Delta R.T. -0.04 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

Instrument :

BNA_F

ClientSampleId :

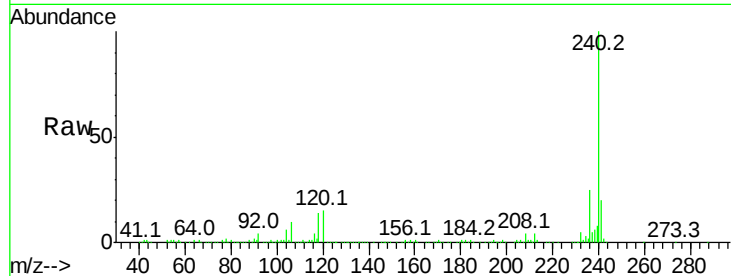
Tot Ion:240 Resp: 391094

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

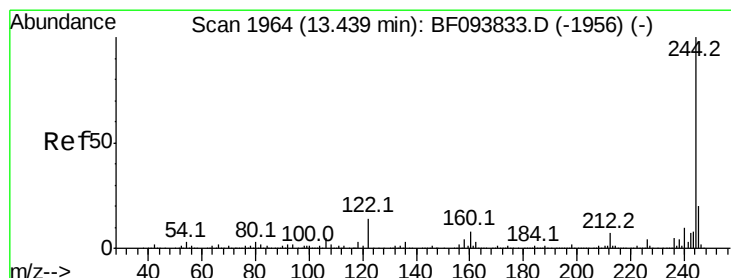
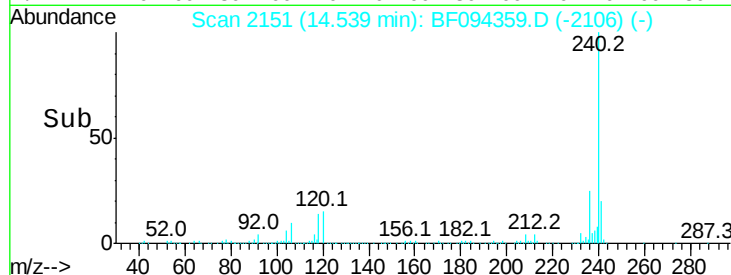
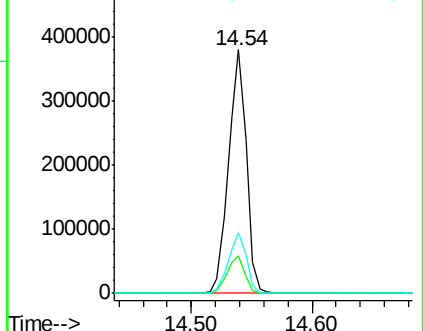
236 25.0 20.5 30.7



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: 83.32 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094359.D

Acq: 11 Apr 2017 19:24

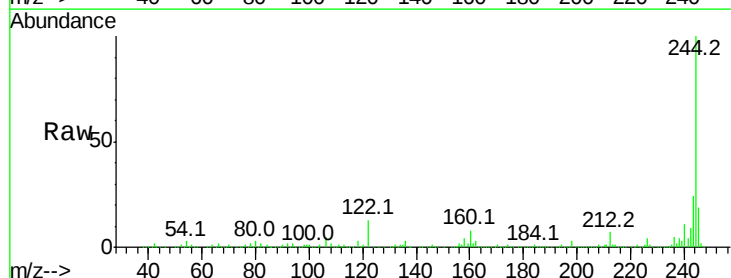
Tgt Ion:244 Resp: 1453789

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

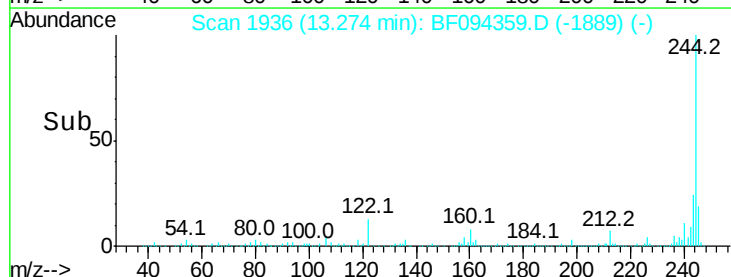
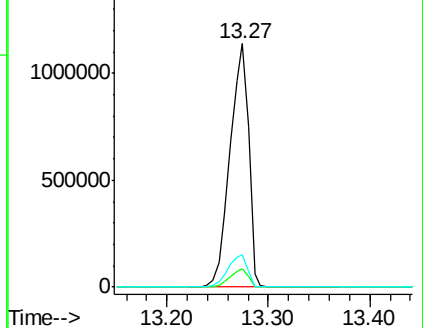
122 13.5 10.3 15.5

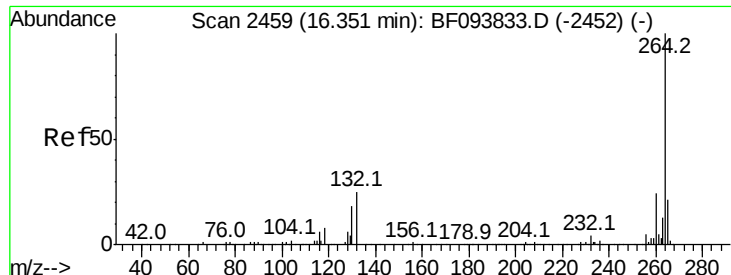


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

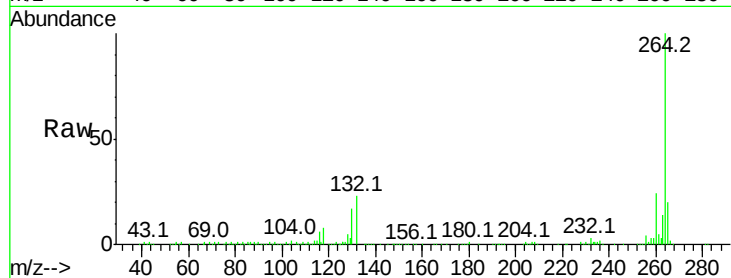




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 2428
Delta R.T. -0.02 min
Lab File: BF094359.D
Acq: 11 Apr 2017 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.4	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

