

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094380.D
 Acq On : 12 Apr 2017 6:30
 Operator : SJ/MA
 Sample : I2598-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 07:51:00 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

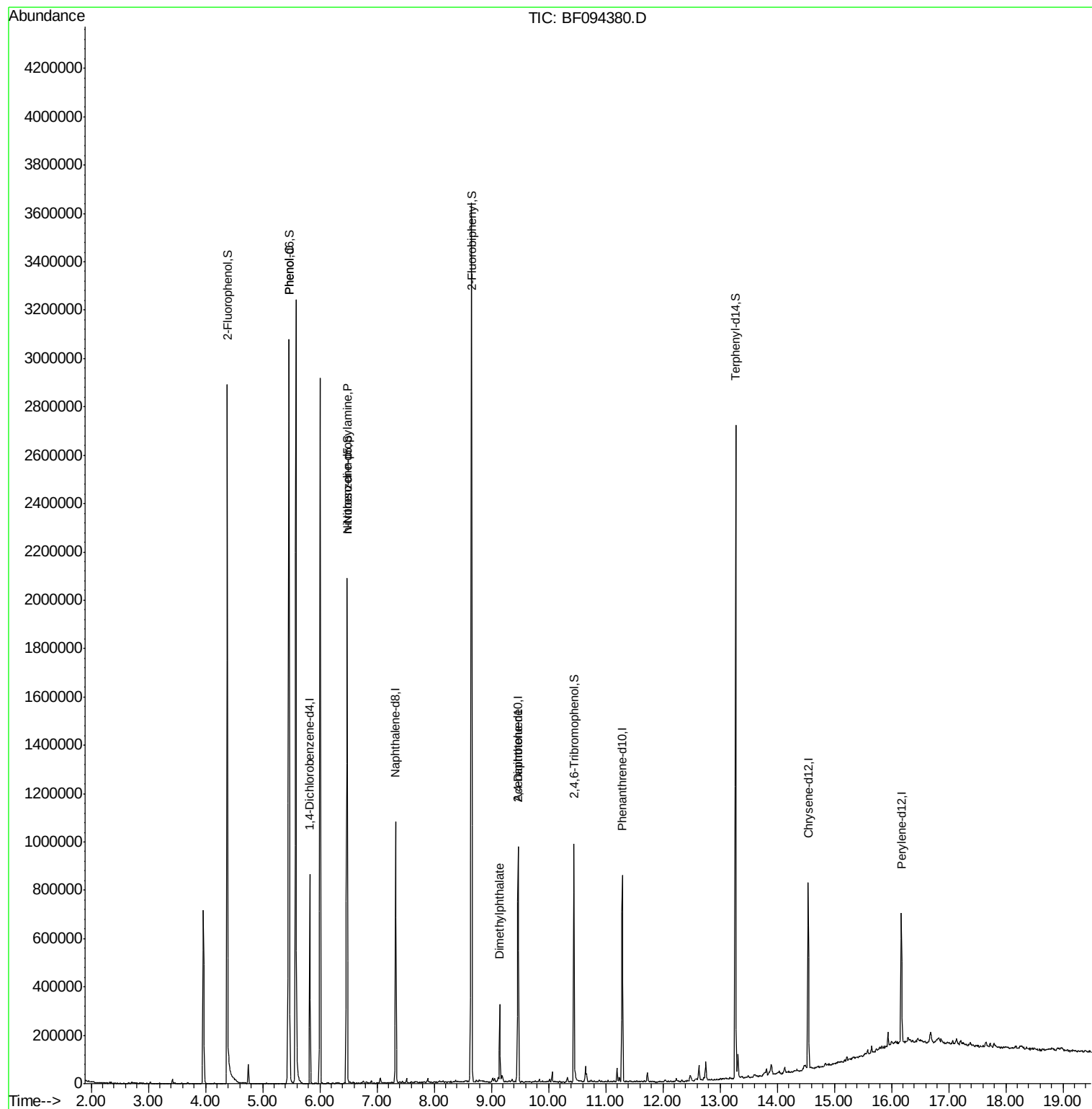
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	138023	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	529365	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	209935	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	330467	20.00	ng	-0.03
75) Chrysene-d12	14.54	240	288517	20.00	ng	-0.03
86) Perylene-d12	16.17	264	207796	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	985651	120.62	ng	0.00
7) Phenol-d6	5.46	99	1350370	133.58	ng	0.00
23) Nitrobenzene-d5	6.48	82	859720	92.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	122946	74.11	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	1389811	100.98	ng	-0.03
78) Terphenyl-d14	13.27	244	959987	74.58	ng	-0.02
Target Compounds						
10) Phenol	5.47	94	77272	6.72	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	6.48	70	113093	17.41	ng	# 76
49) Dimethylphthalate	9.15	163	152714	10.23	ng	98
56) 2,4-Dinitrotoluene	9.47	165	26636	6.20	ng	# 33

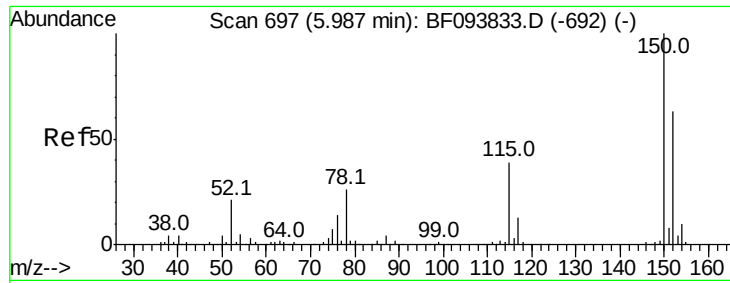
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094380.D
Acq On : 12 Apr 2017 6:30
Operator : SJ/MA
Sample : I2598-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 12 07:51:00 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Instrument :

BNA_F

ClientSampleId :

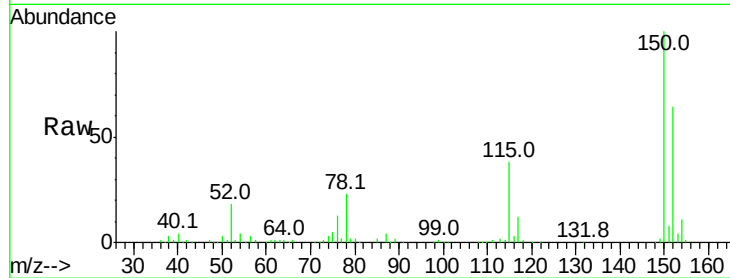
Tot Ion:152 Resp: 138023

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

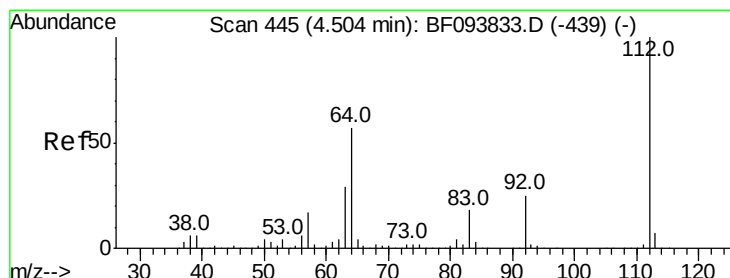
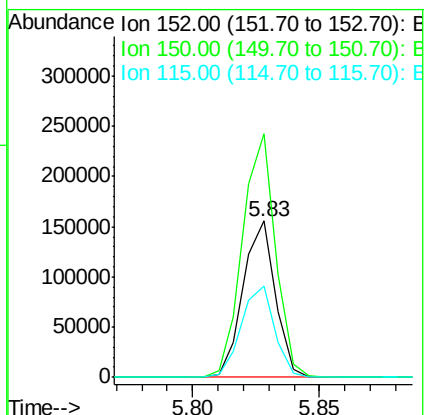
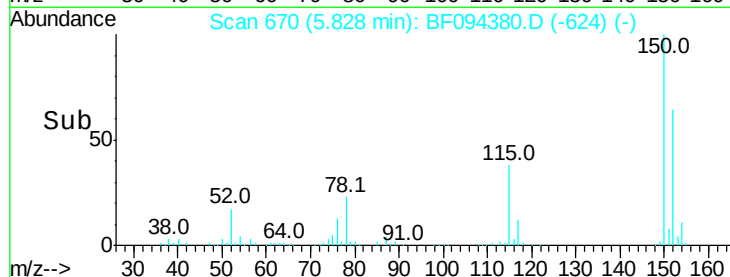
115 58.9 52.2 78.2



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: 120.62 ng

RT: 4.38 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

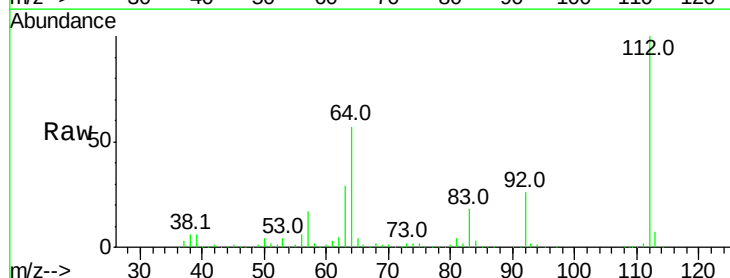
Tgt Ion:112 Resp: 985651

Ion Ratio Lower Upper

112 100

64 57.3 46.0 69.0

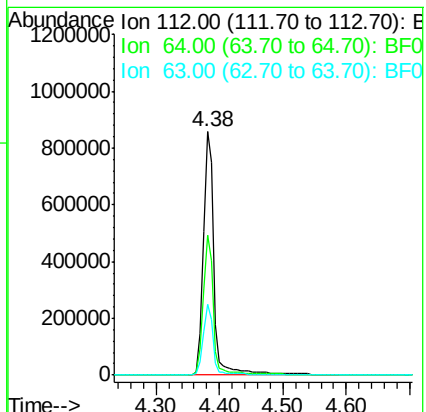
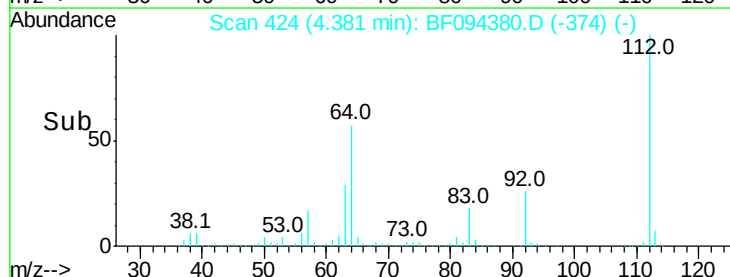
63 29.0 23.4 35.0

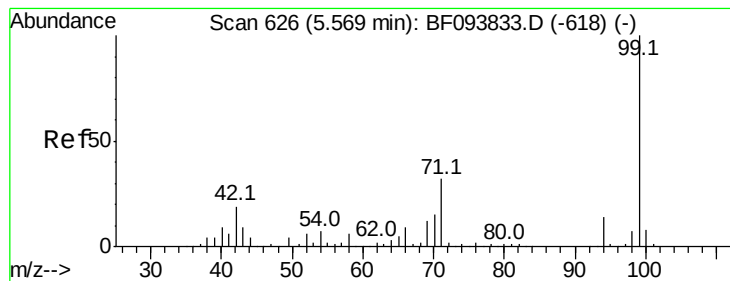


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.58 ng

RT: 5.46 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

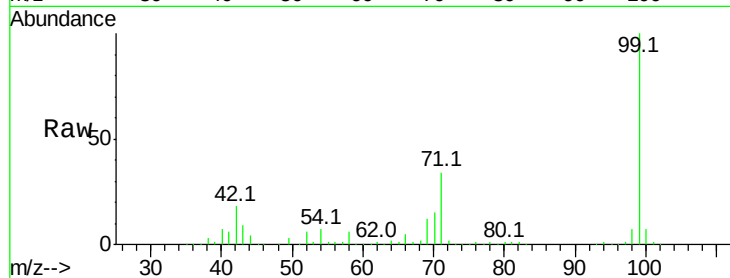
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1350370

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.5	24.5	36.7

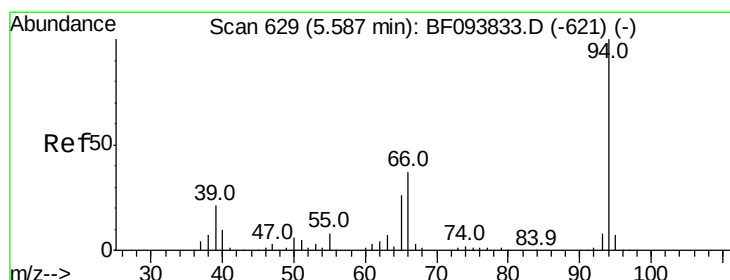
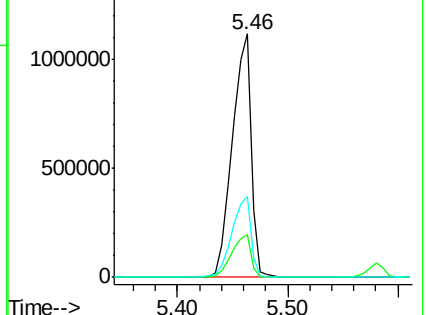
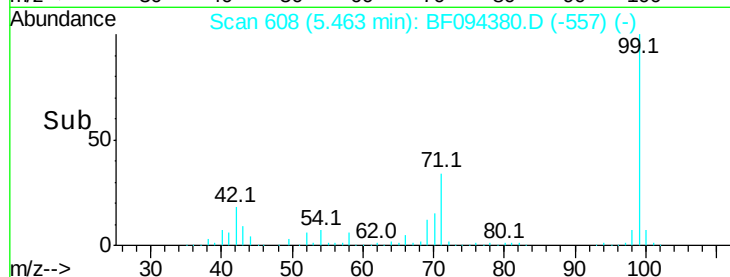


Abundance

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: 6.72 ng

RT: 5.47 min Scan# 609

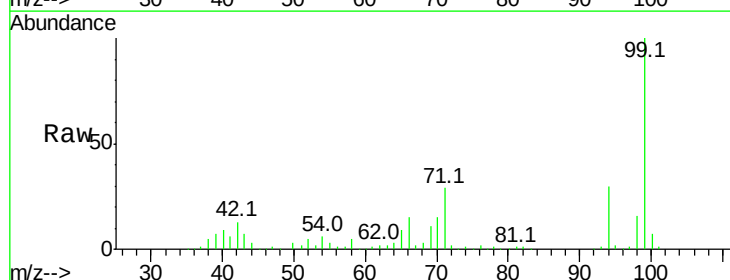
Delta R.T. -0.01 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Tgt Ion: 94 Resp: 77272

Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.9	49.9
66	51.2	23.1	63.1

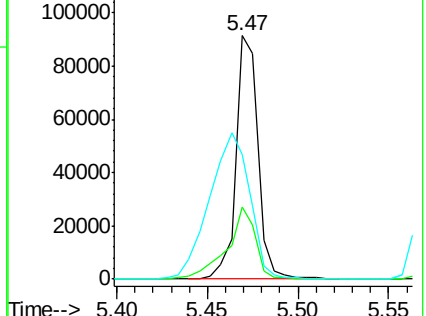
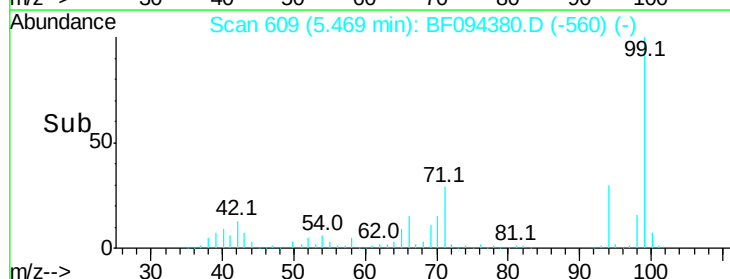


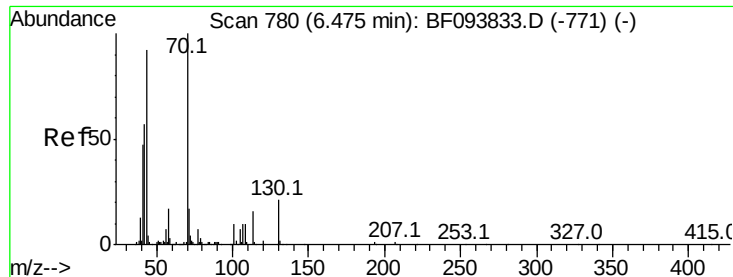
Abundance

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: 17.41 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.14 min

Lab File: BF094380.D

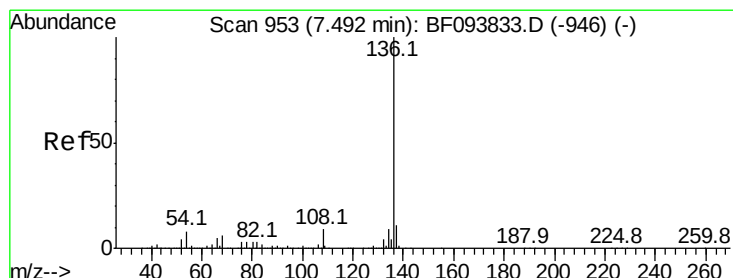
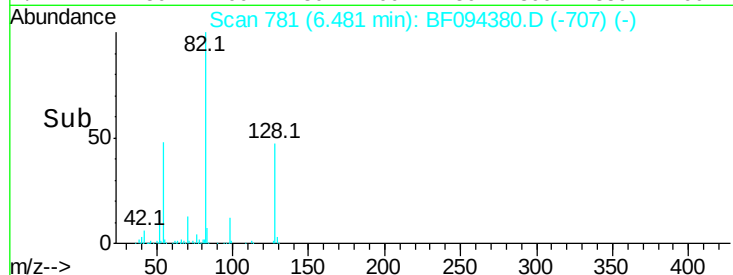
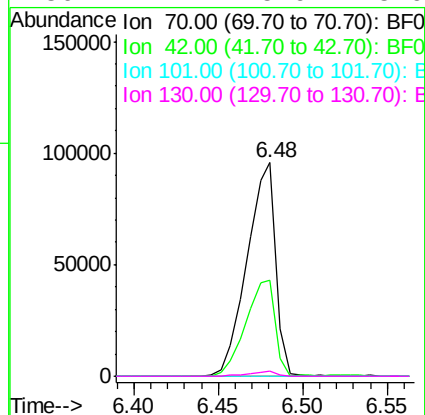
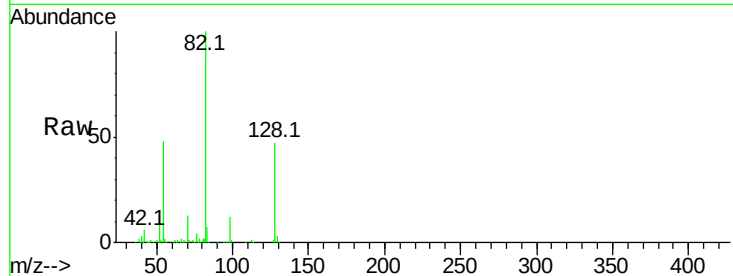
Acq: 12 Apr 2017 6:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	113093
Ion	Ratio	Lower	Upper
70	100		
42	45.0	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

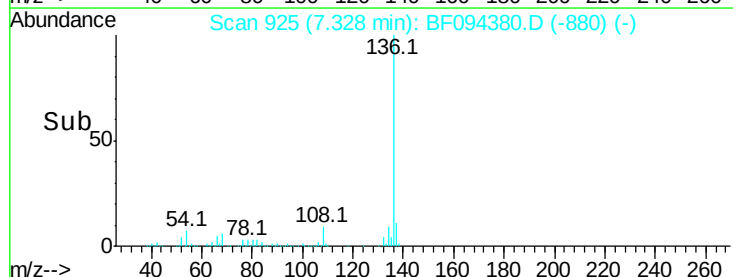
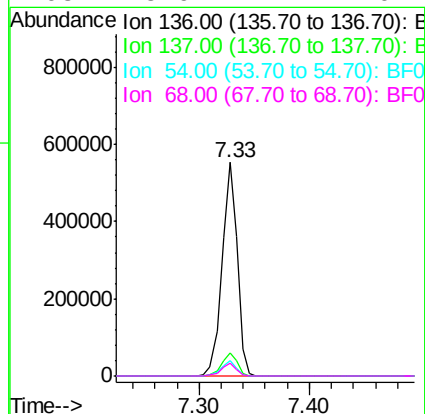
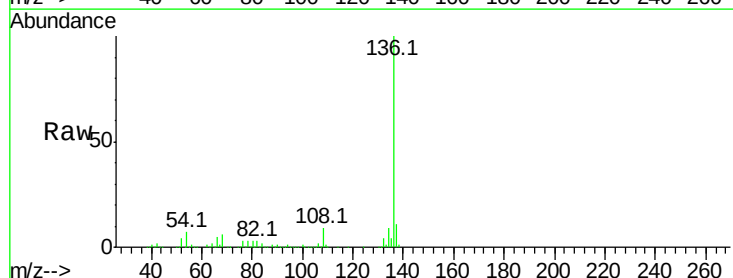
RT: 7.33 min Scan# 925

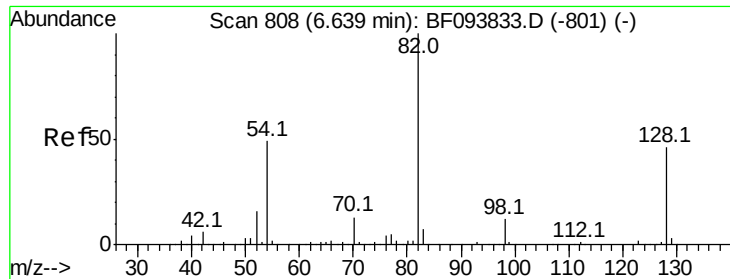
Delta R.T. -0.04 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Tgt Ion:	136	Resp:	529365
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	4.9	7.3
68	5.9	4.1	6.1

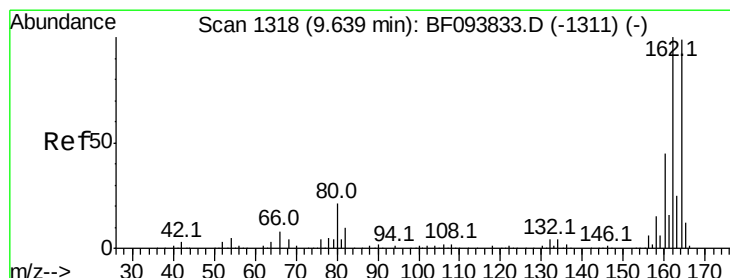
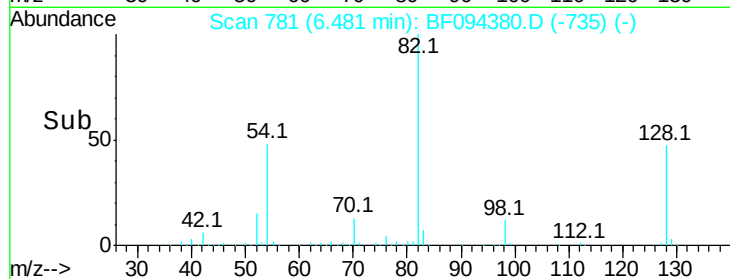
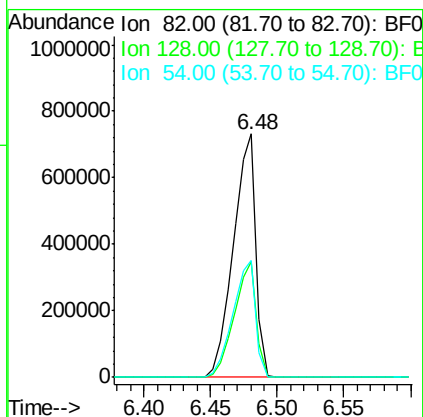
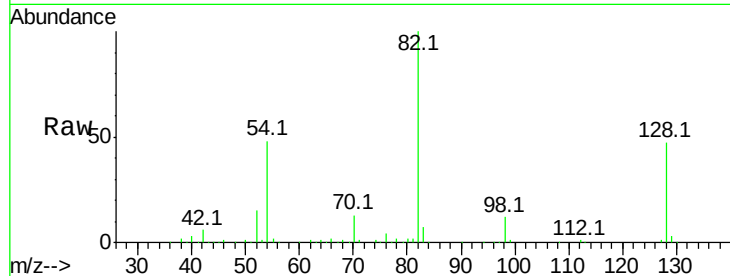




#23
 Nitrobenzene-d5
 Concen: 92.68 ng
 RT: 6.48 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF094380.D
 Acq: 12 Apr 2017 6:30

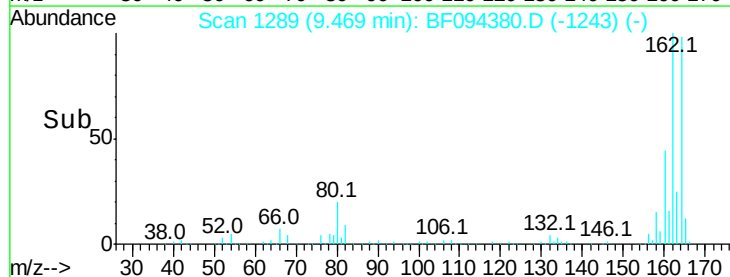
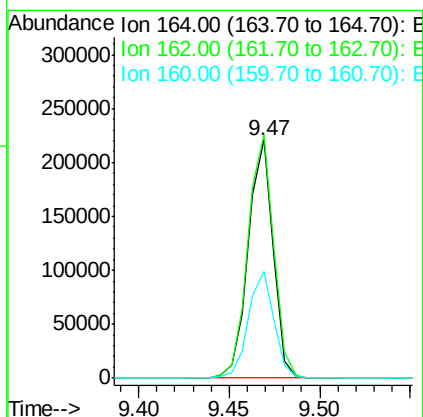
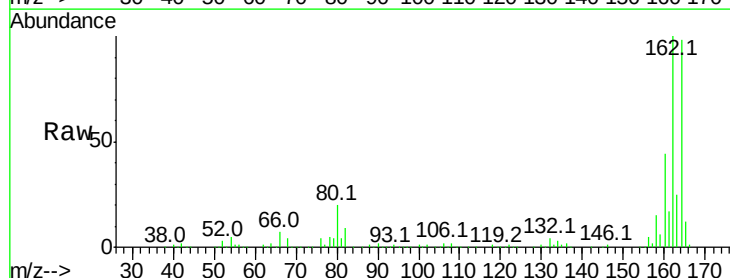
Instrument :
 BNA_F
 ClientSampled :

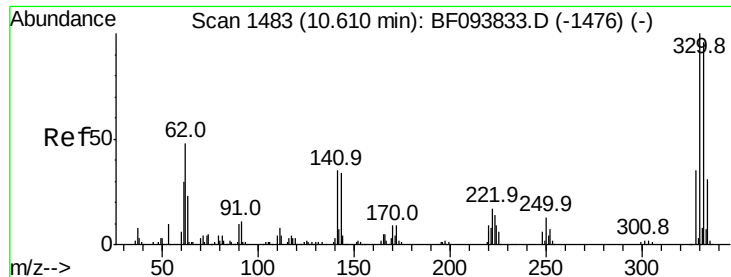
Tot Ion: 82 Resp: 859720
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 48.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF094380.D
 Acq: 12 Apr 2017 6:30

Tgt Ion:164 Resp: 209935
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 44.8 36.2 54.2

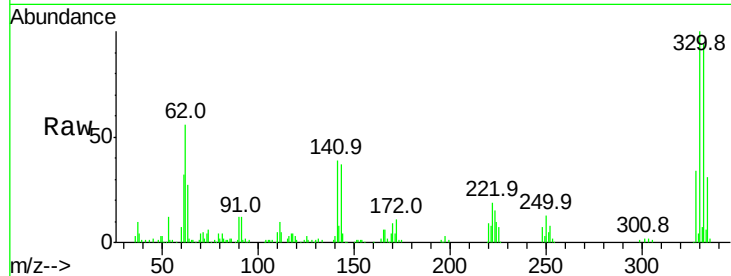




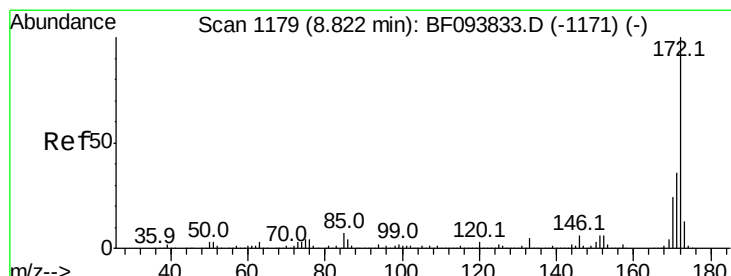
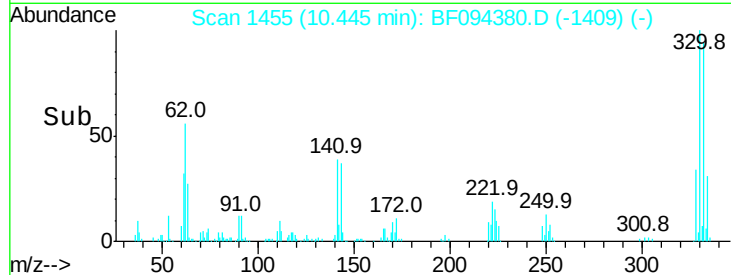
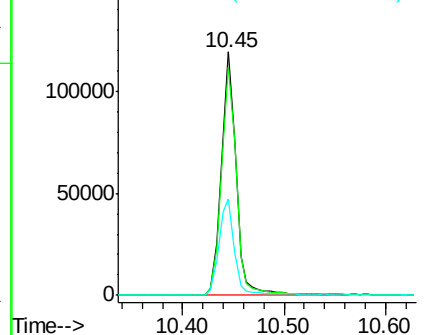
#41
 2,4,6-Tribromophenol
 Concen: 74.11 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094380.D
 Acq: 12 Apr 2017 6:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	40.5	31.4	47.2

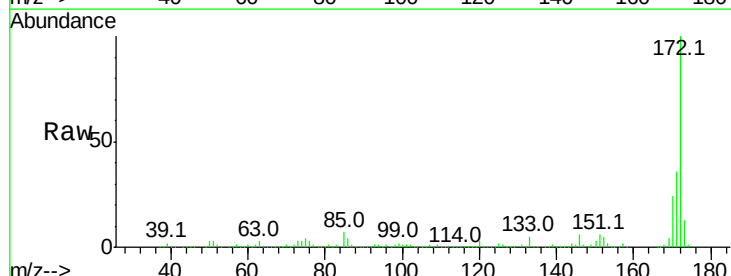


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

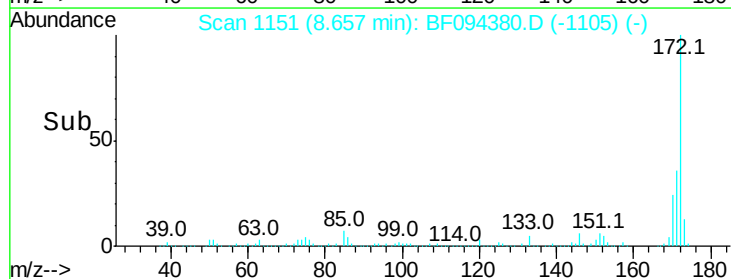
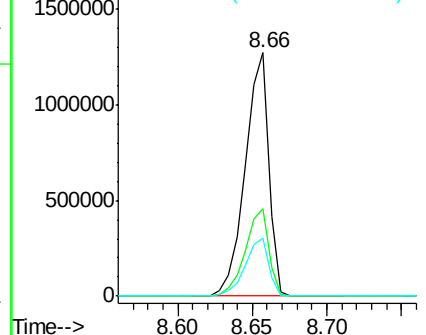


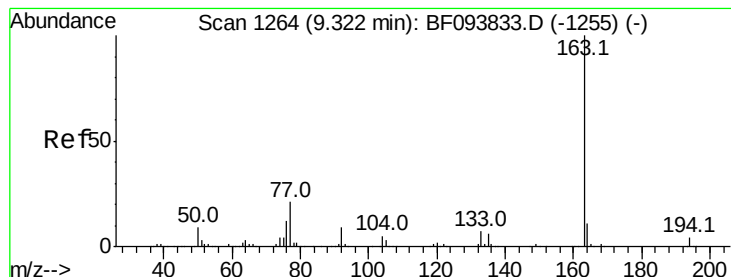
#44
 2-Fluorobiphenyl
 Concen: 100.98 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094380.D
 Acq: 12 Apr 2017 6:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	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: 10.23 ng

RT: 9.15 min Scan# 1235

Delta R.T. -0.04 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Instrument :

BNA_F

ClientSampleId :

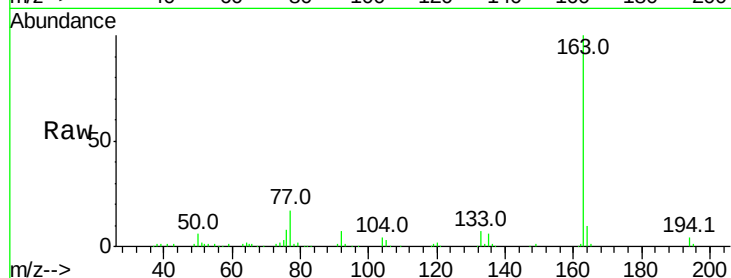
Tot Ion:163 Resp: 152714

Ion Ratio Lower Upper

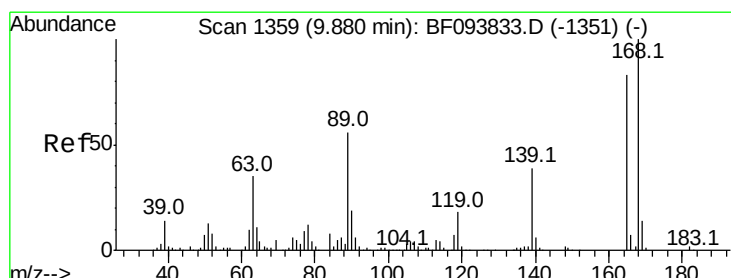
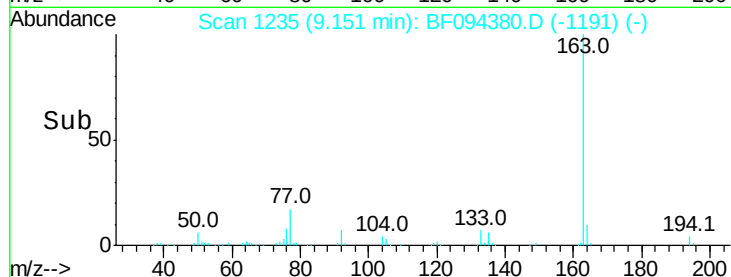
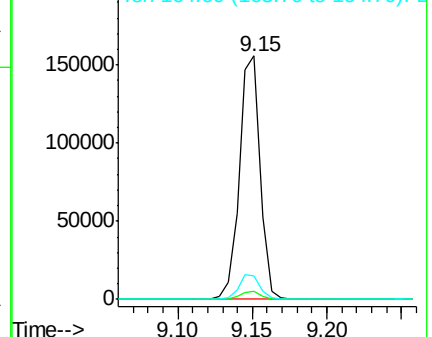
163 100

194 3.5 2.6 4.0

164 9.6 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: 6.20 ng

RT: 9.47 min Scan# 1289

Delta R.T. -0.28 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Tgt Ion:165 Resp: 26636

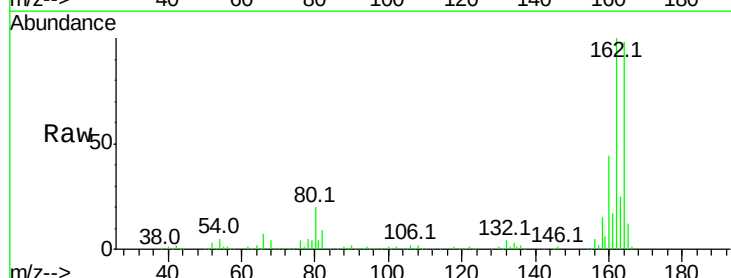
Ion Ratio Lower Upper

165 100

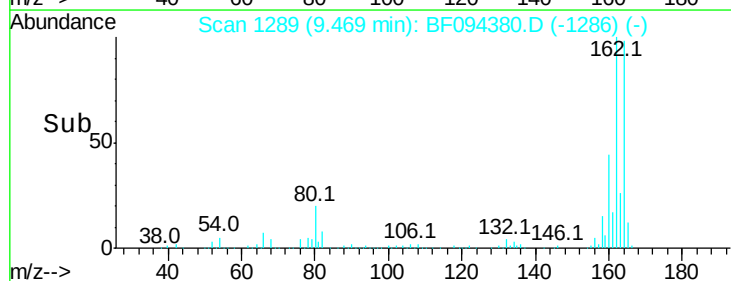
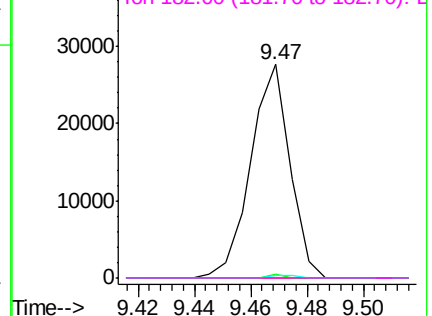
63 2.1 25.4 38.0#

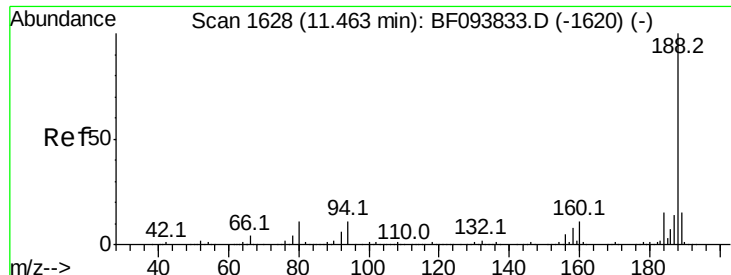
89 1.3 46.4 69.6#

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# 1599

Delta R.T. -0.03 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Instrument :

BNA_F

ClientSampleId :

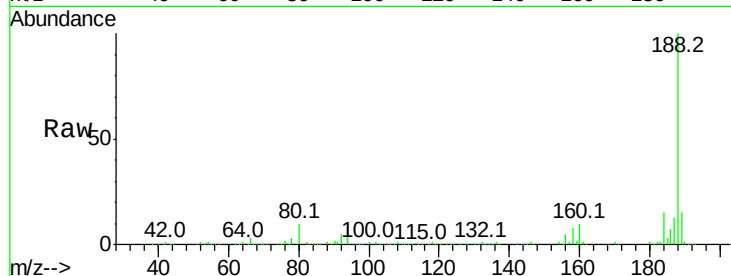
Tot Ion:188 Resp: 330467

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

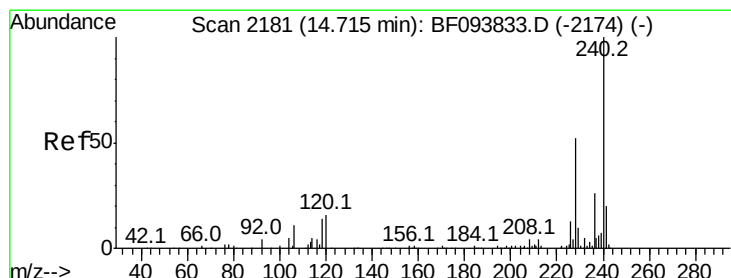
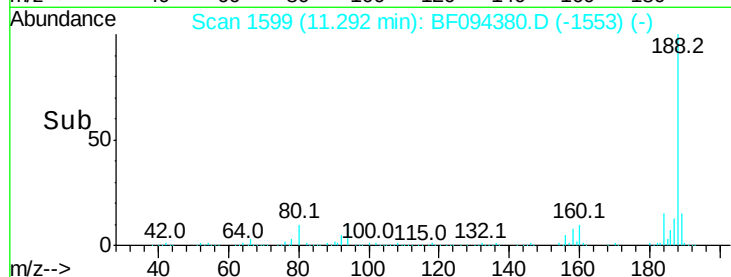
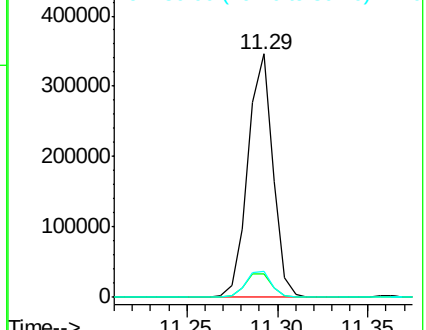
80 10.4 10.2 15.2



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# 2152

Delta R.T. -0.03 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

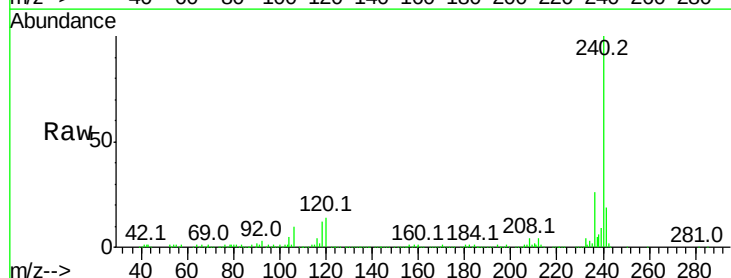
Tgt Ion:240 Resp: 288517

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

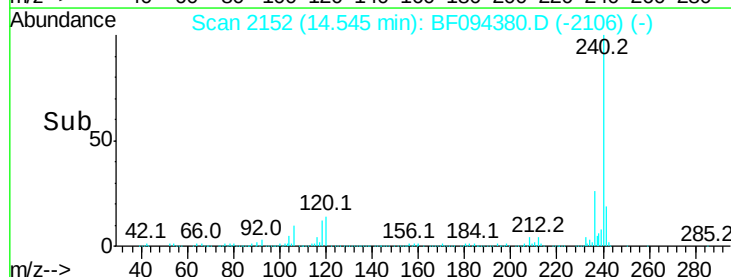
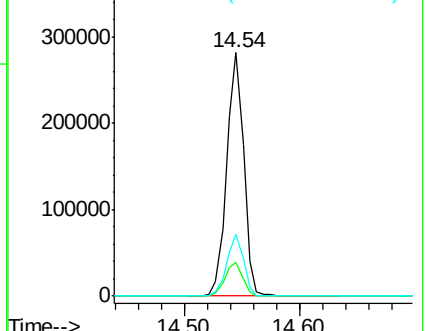
236 25.5 20.5 30.7

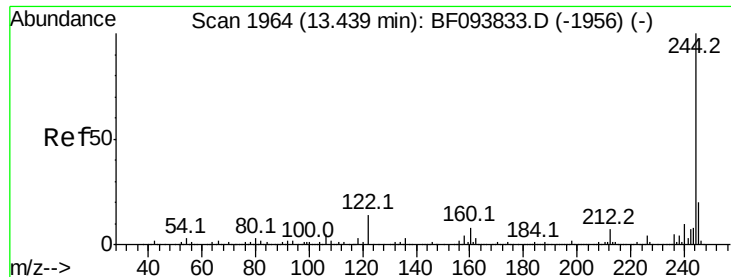


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.58 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

Instrument :

BNA_F

ClientSampled :

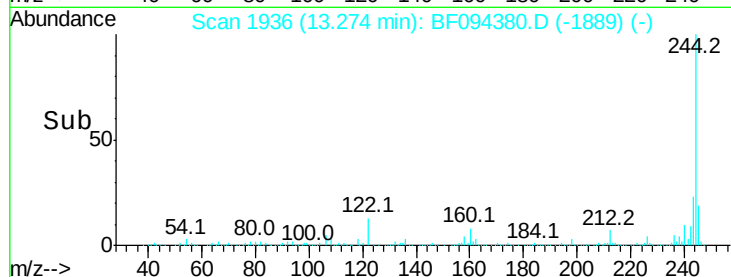
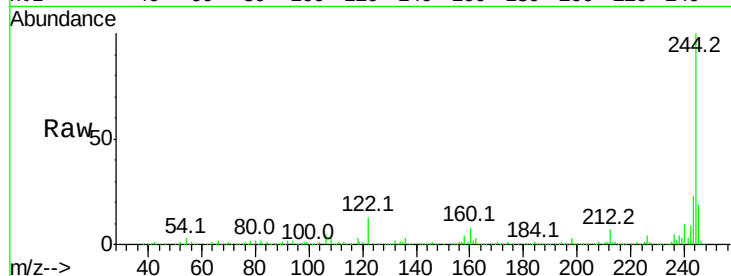
Tot Ion:244 Resp: 959987

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

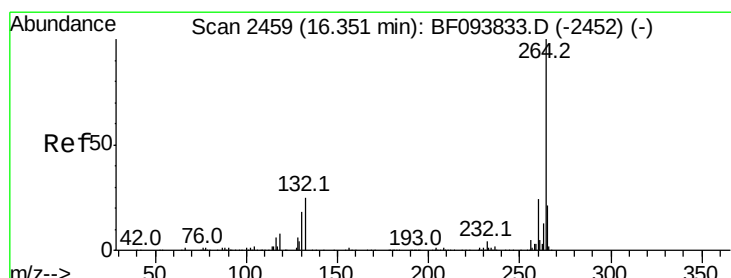
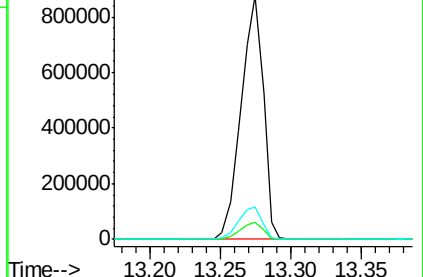
122 13.4 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BF094380.D

Acq: 12 Apr 2017 6:30

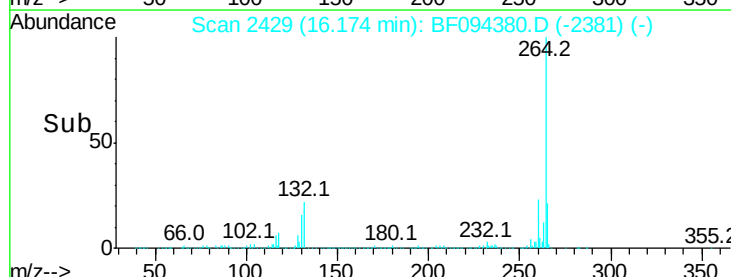
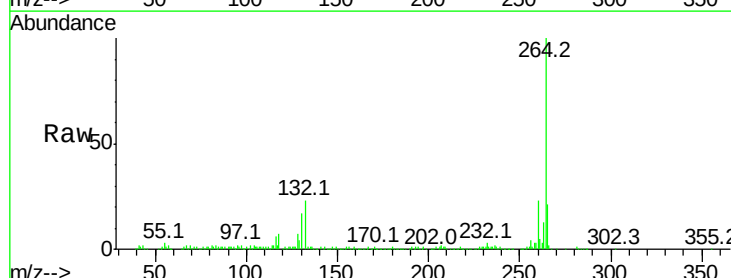
Tgt Ion:264 Resp: 207796

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 20.7 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

