

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094370.D
 Acq On : 12 Apr 2017 00:27
 Operator : SJ/MA
 Sample : I2598-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:58:13 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

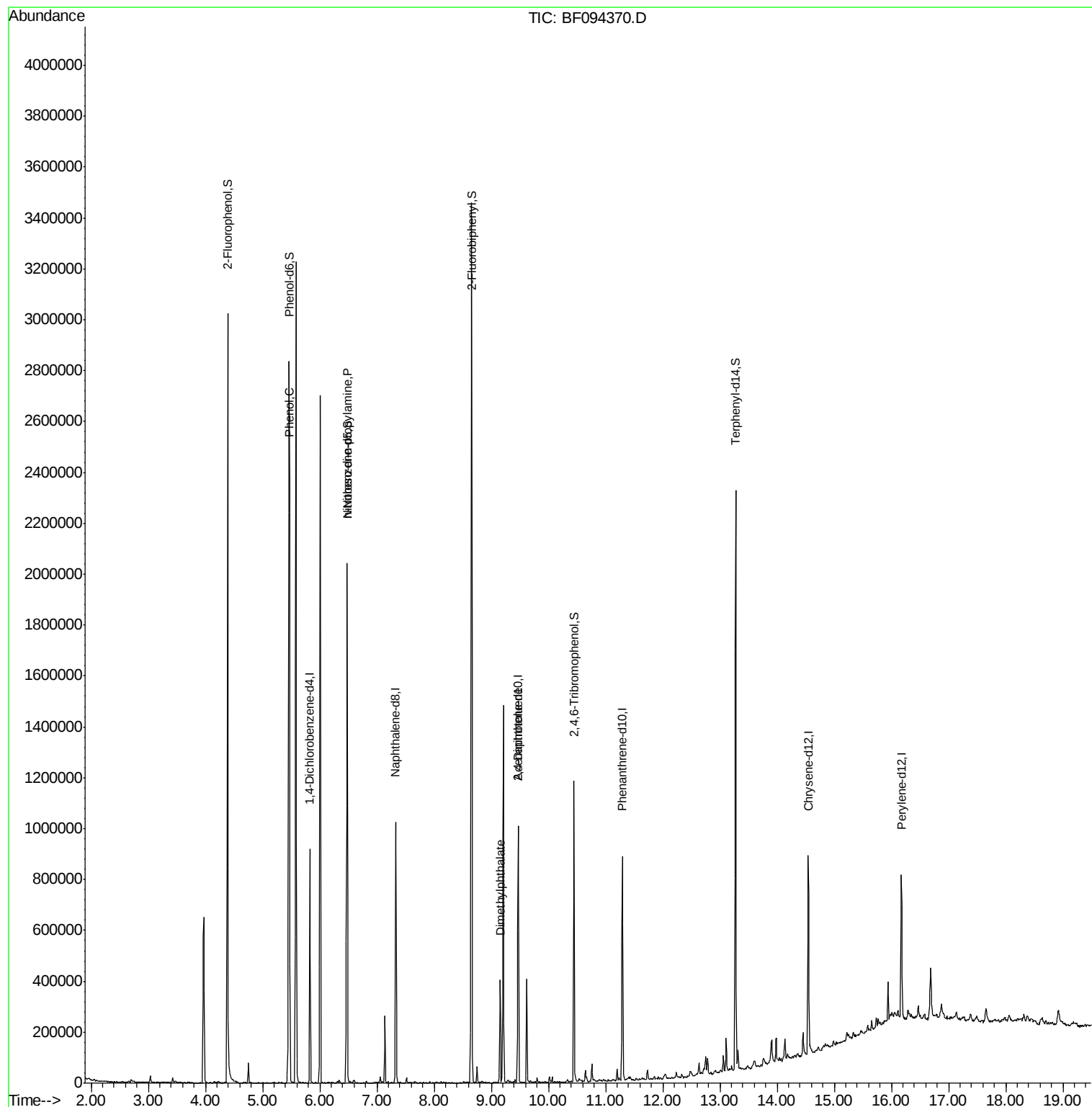
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	140264	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	536307	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	218876	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	331327	20.00	ng	-0.03
75) Chrysene-d12	14.54	240	284830	20.00	ng	-0.03
86) Perylene-d12	16.17	264	220501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	926554	111.57	ng	0.00
7) Phenol-d6	5.46	99	1275587	124.16	ng	0.00
23) Nitrobenzene-d5	6.48	82	785620	83.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	139821	80.84	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	1271232	88.59	ng	-0.03
78) Terphenyl-d14	13.27	244	798823	62.86	ng	-0.02
Target Compounds						
10) Phenol	5.47	94	67297	5.76	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	6.48	70	103028	15.60	ng	# 76
49) Dimethylphthalate	9.16	163	183371	11.79	ng	98
56) 2,4-Dinitrotoluene	9.47	165	28213	6.30	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: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

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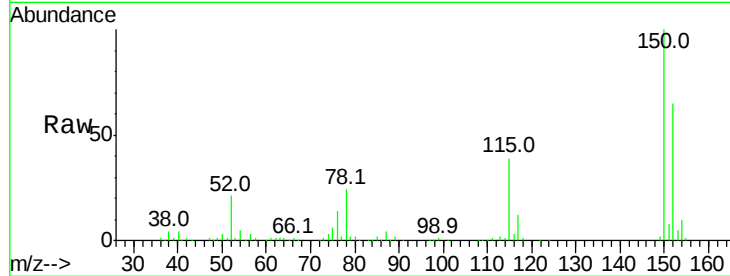
Tot Ion:152 Resp: 140264

Ion Ratio Lower Upper

152 100

150 154.2 126.2 189.2

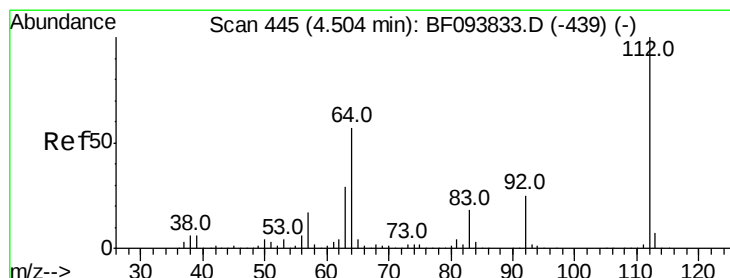
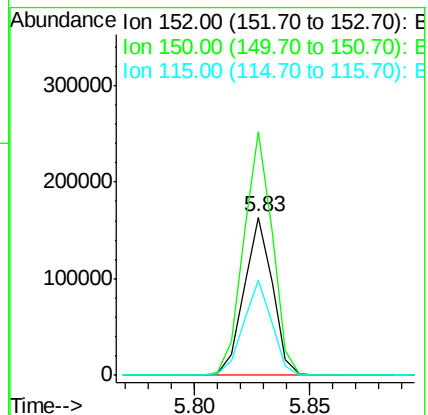
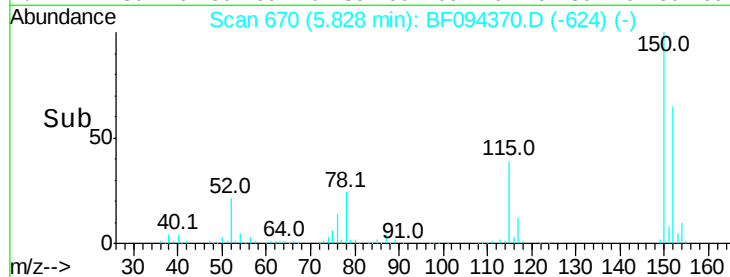
115 60.6 52.2 78.2



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: 111.57 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

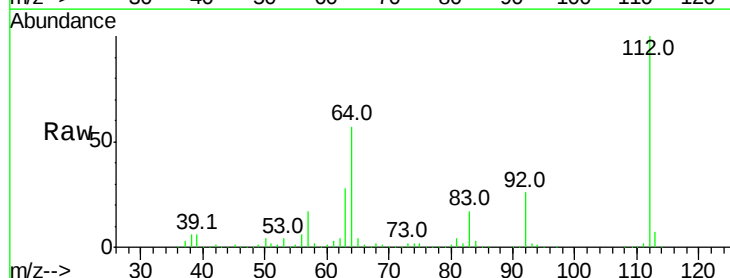
Tgt Ion:112 Resp: 926554

Ion Ratio Lower Upper

112 100

64 56.5 46.0 69.0

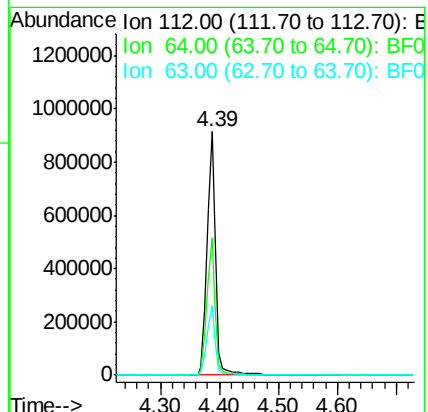
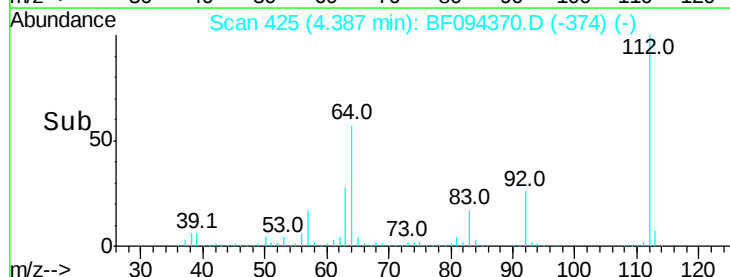
63 28.5 23.4 35.0

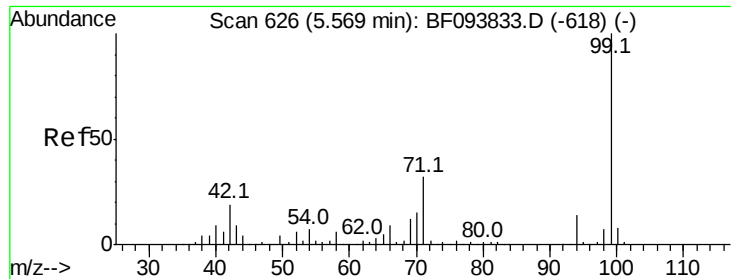


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.16 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

Instrument :

BNA_F

ClientSampled :

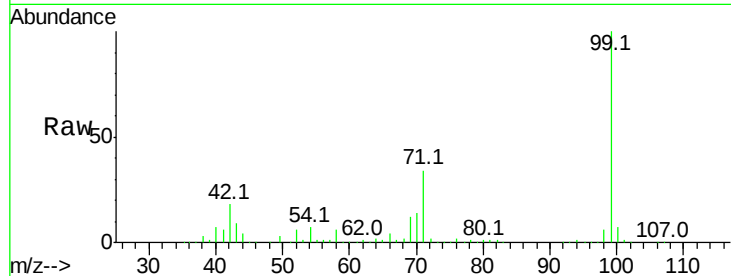
Tot Ion: 99 Resp: 1275587

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

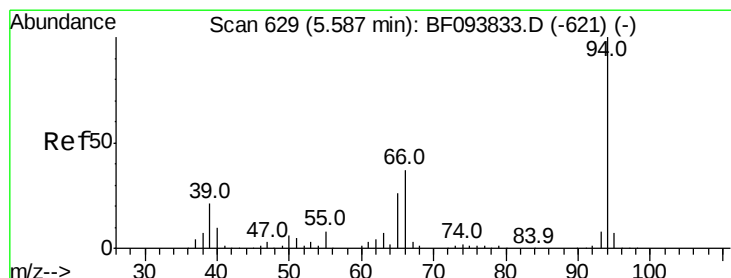
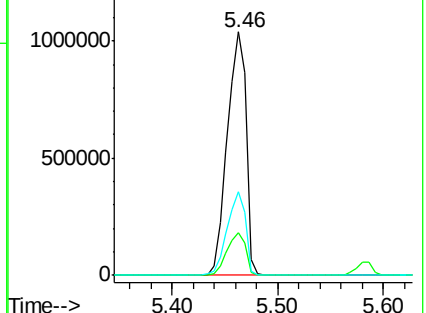
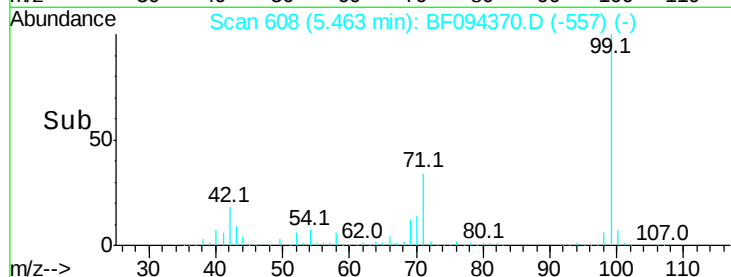
71 34.1 24.5 36.7



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: 5.76 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

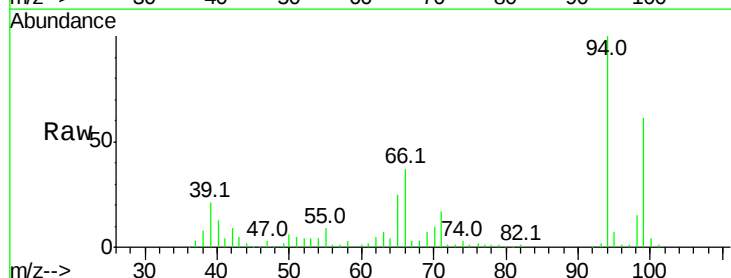
Tgt Ion: 94 Resp: 67297

Ion Ratio Lower Upper

94 100

65 25.3 9.9 49.9

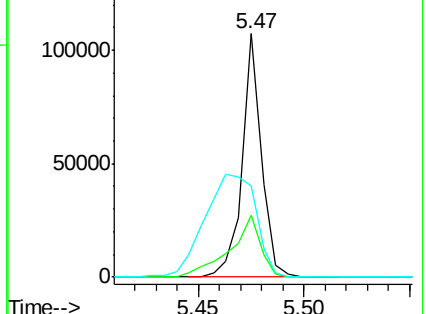
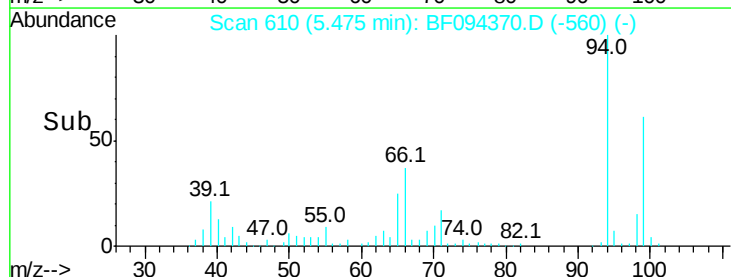
66 37.5 23.1 63.1



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

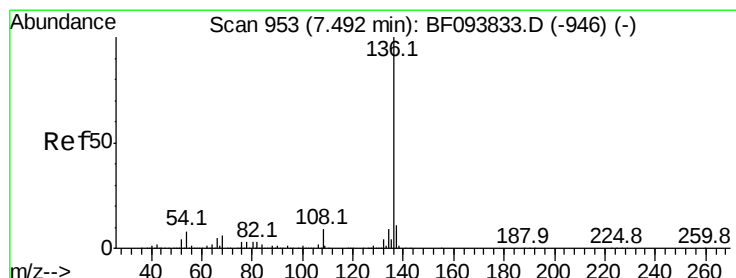
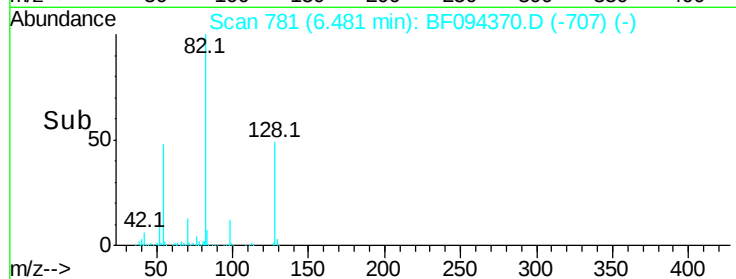
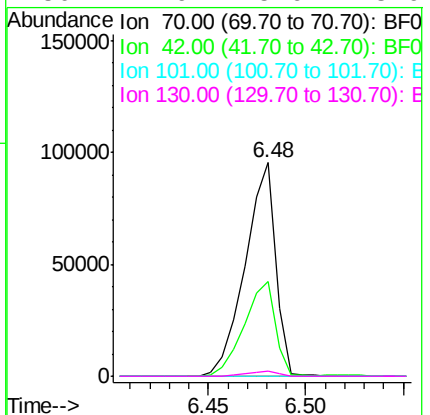
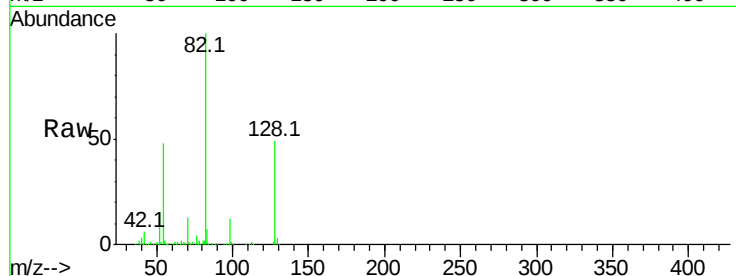




#19
n-Nitroso-di-n-propylamine
Concen: 15.60 ng
RT: 6.48 min Scan# 781
Delta R.T. 0.14 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

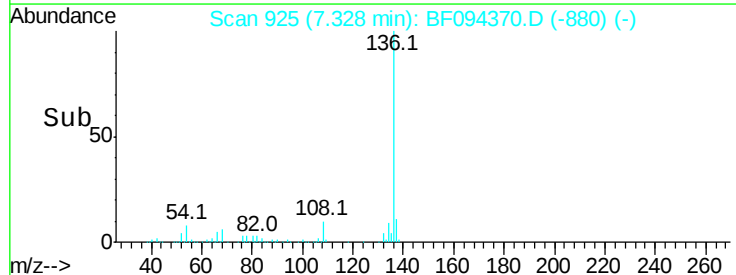
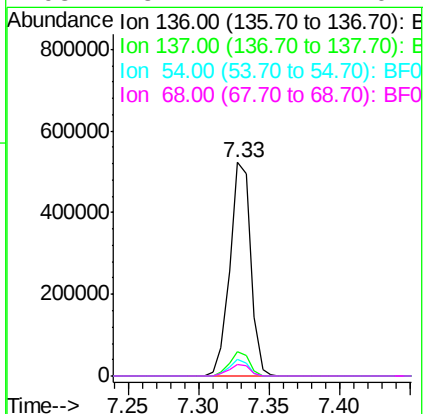
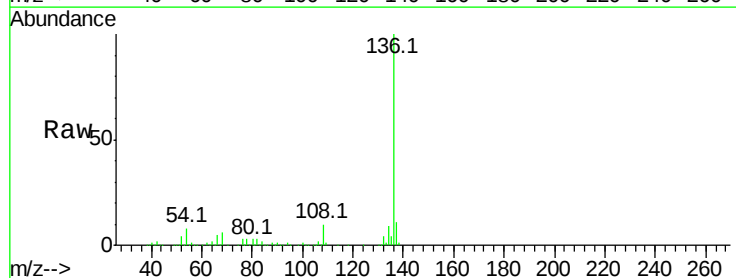
Instrument :
BNA_F
ClientSampled :

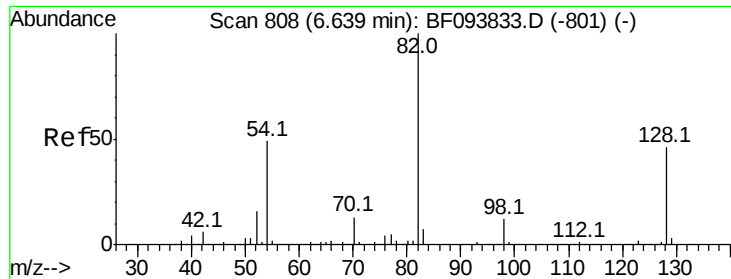
Tot Ion:	70	Resp:	103028
Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 925
Delta R.T. -0.04 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Tgt Ion:	136	Resp:	536307
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.8	4.9	7.3#
68	5.7	4.1	6.1

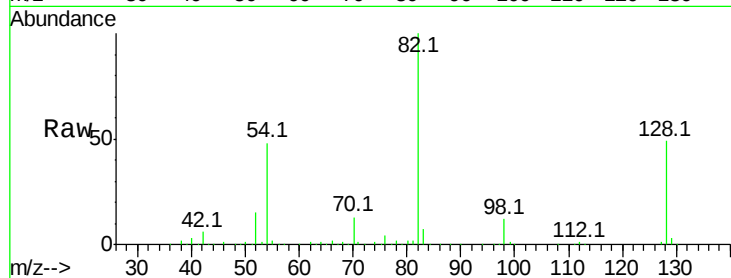




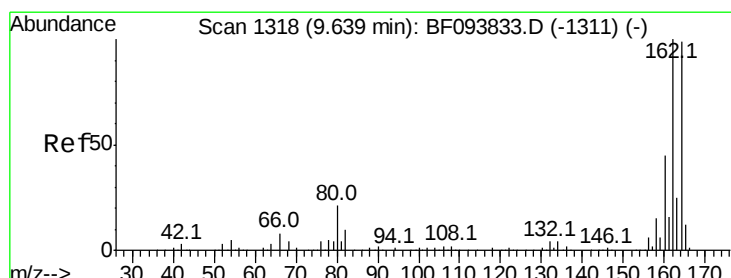
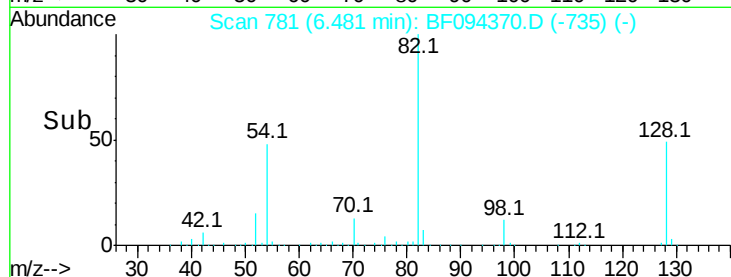
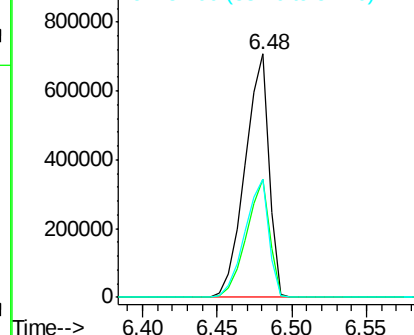
#23
Nitrobenzene-d5
Concen: 83.60 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 785620
Ion Ratio Lower Upper
82 100
128 48.7 34.0 51.0
54 48.3 42.2 63.2

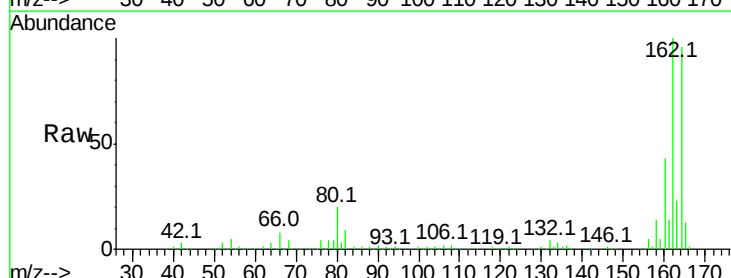


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

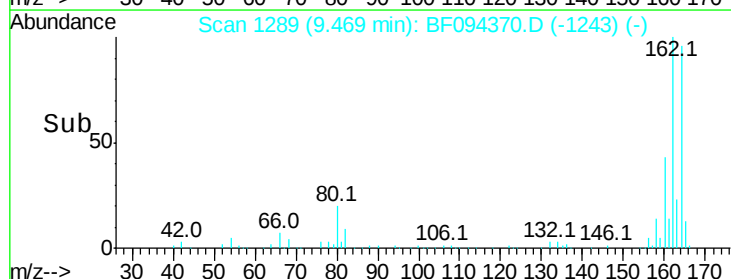
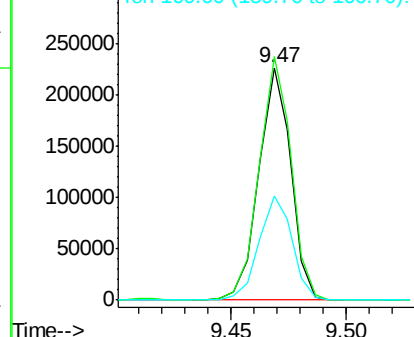


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Tgt Ion:164 Resp: 218876
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 44.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): BF0
Ion 162.00 (161.70 to 162.70): BF0
Ion 160.00 (159.70 to 160.70): BF0

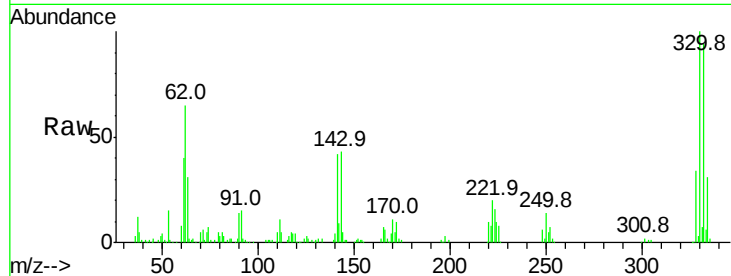




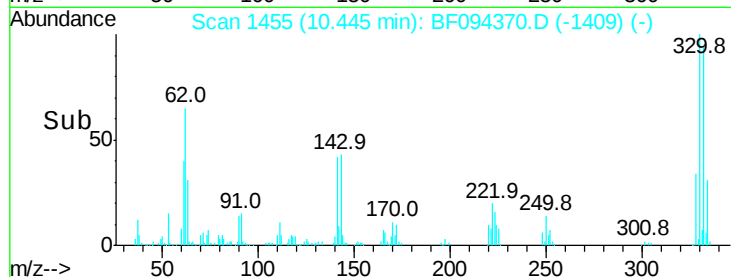
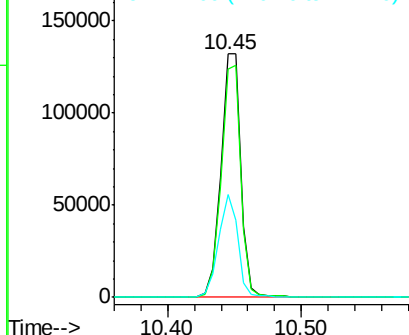
#41
 2,4,6-Tribromophenol
 Concen: 80.84 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094370.D
 Acq: 12 Apr 2017 00:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 139821
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 115.0
 141 40.9 31.4 47.2

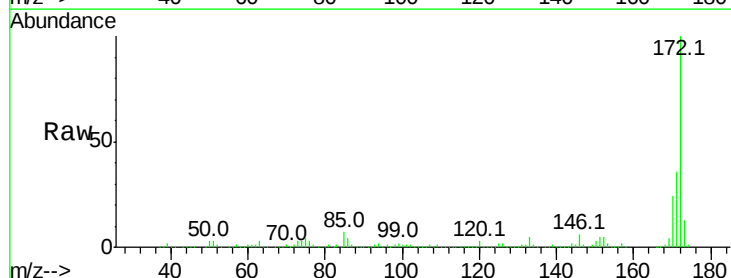


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

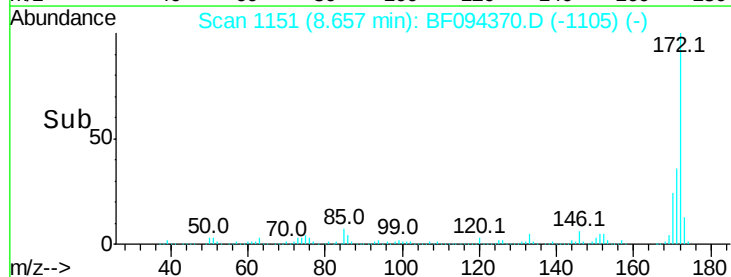
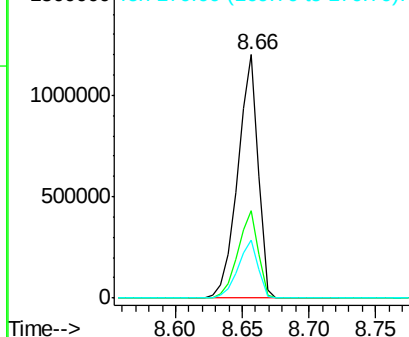


#44
 2-Fluorobiphenyl
 Concen: 88.59 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094370.D
 Acq: 12 Apr 2017 00:27

Tgt Ion:172 Resp: 1271232
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 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

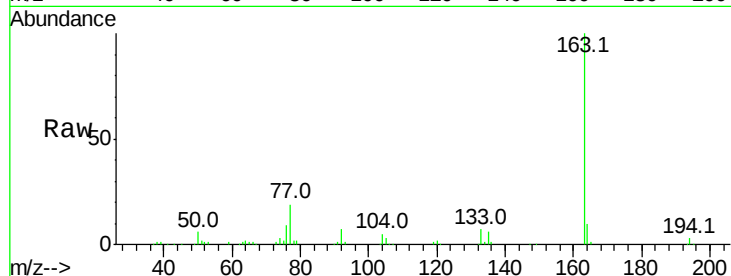




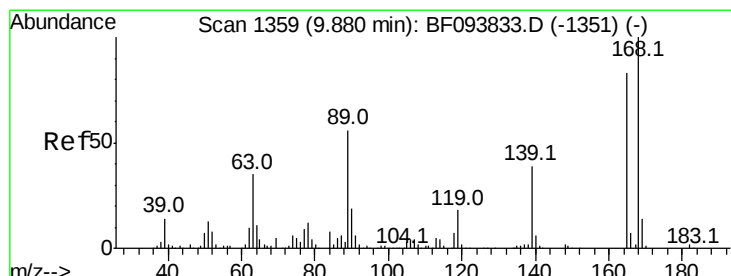
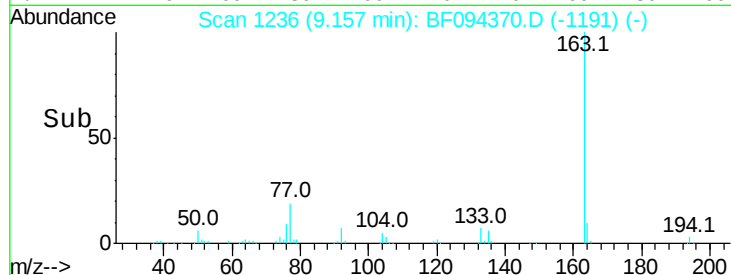
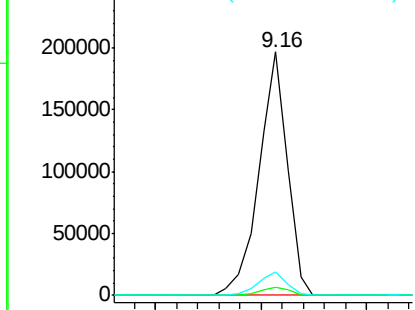
#49
Dimethylphthalate
Concen: 11.79 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 183371
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6

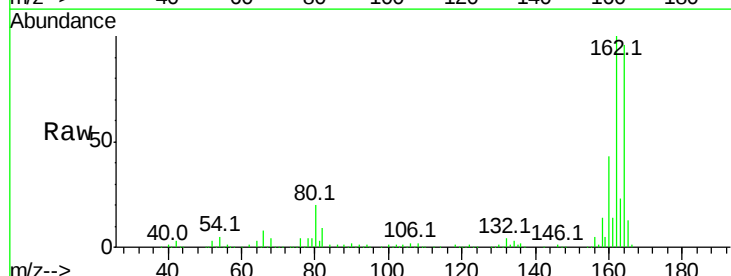


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

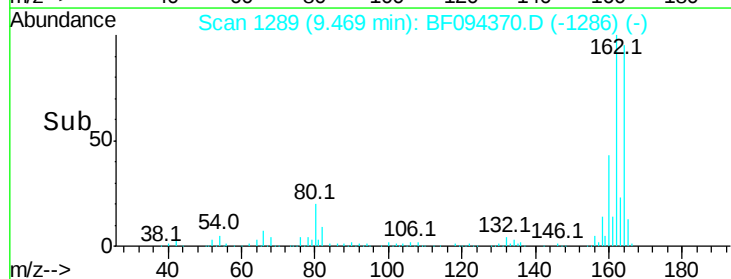
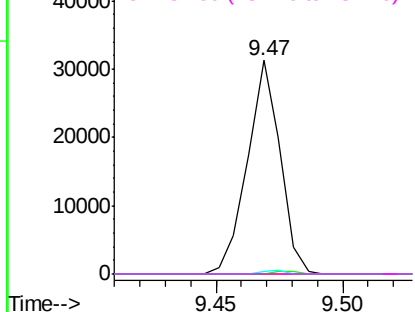


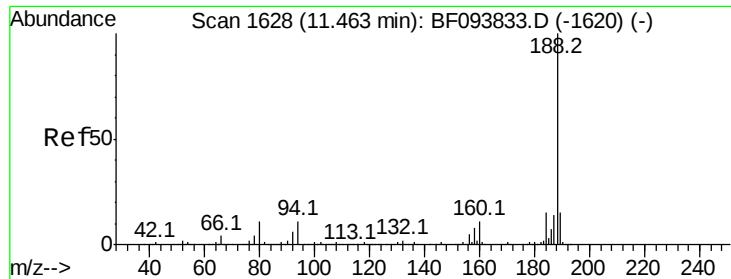
#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.28 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Tgt Ion:165 Resp: 28213
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 1.1 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

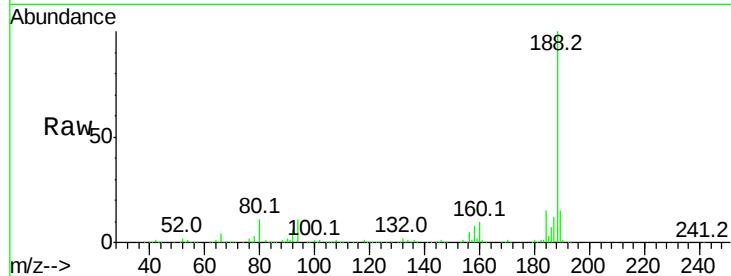




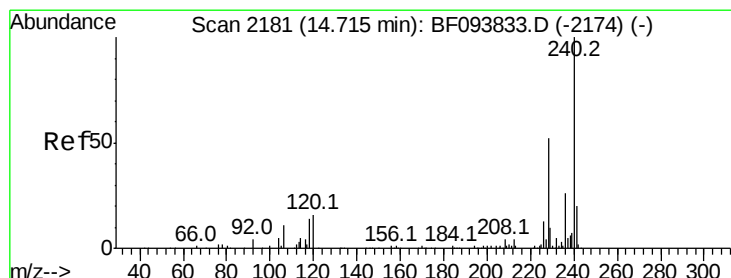
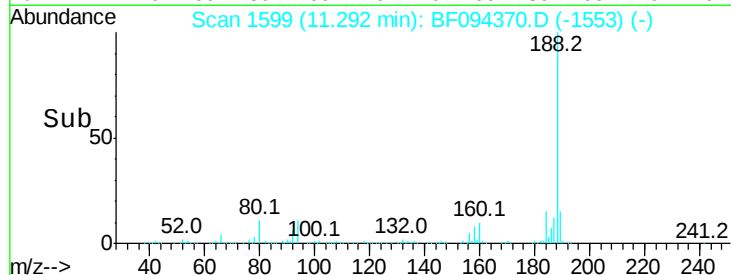
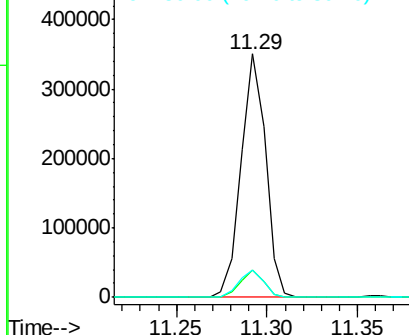
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 331327
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.4 10.2 15.2

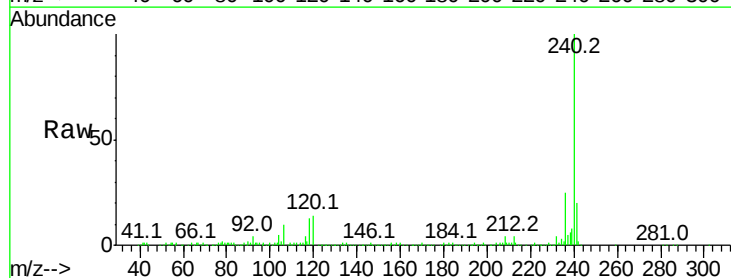


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

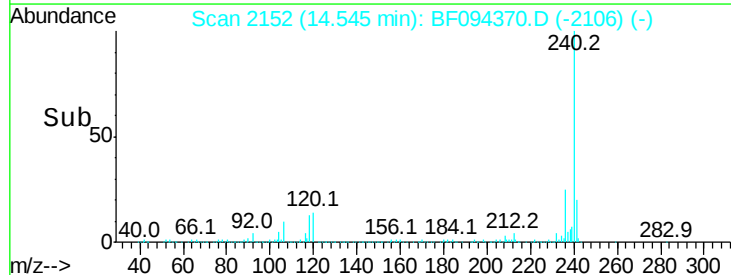
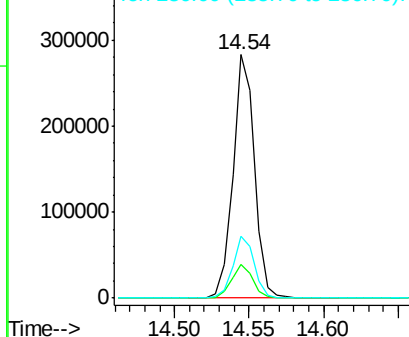


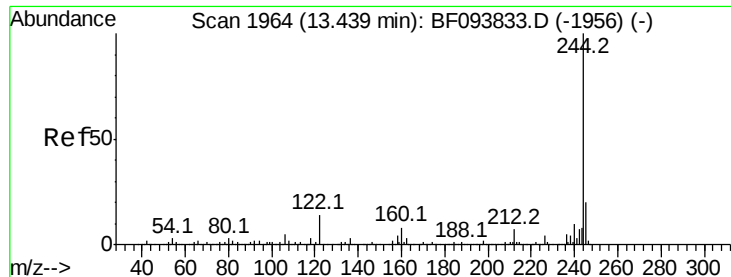
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Tgt Ion:240 Resp: 284830
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.4 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: 62.86 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

Instrument :

BNA_F

ClientSampleId :

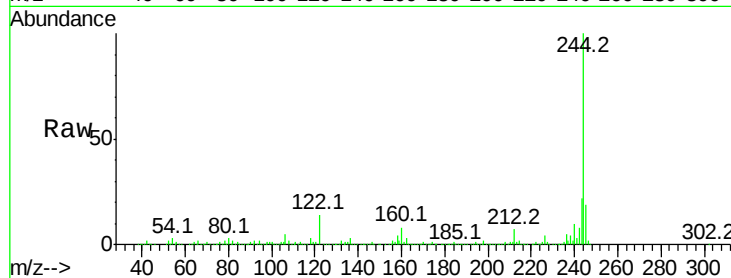
Tot Ion:244 Resp: 798823

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

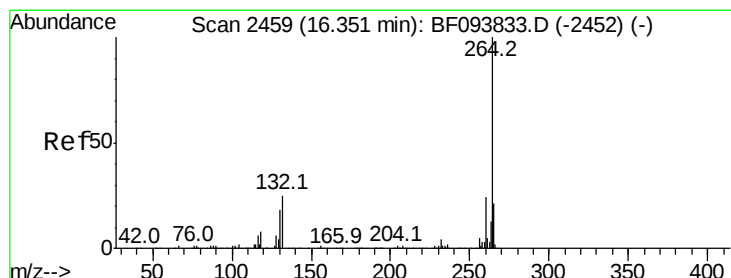
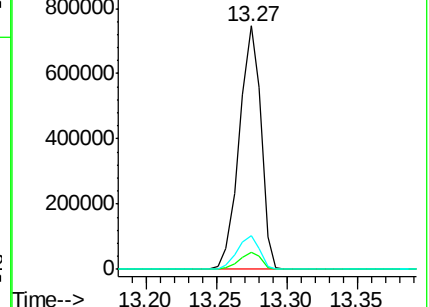
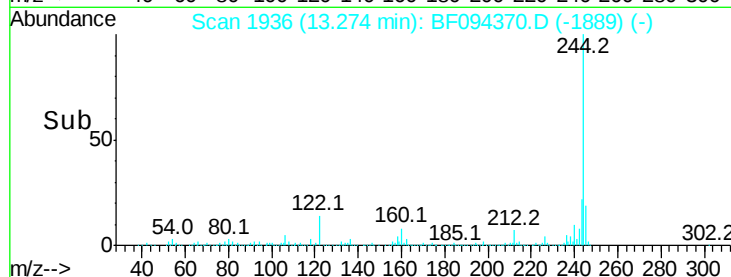
122 13.9 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

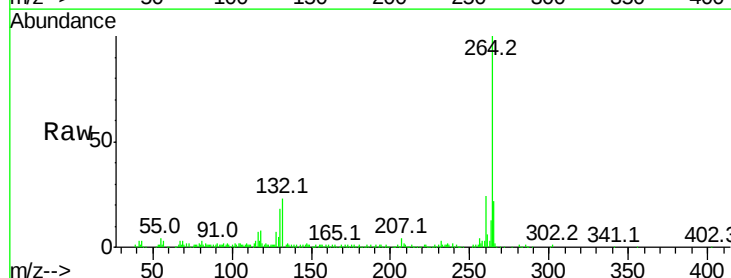
Tgt Ion:264 Resp: 220501

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.8 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

