

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094257.D
 Acq On : 7 Apr 2017 6:55
 Operator : SJ/MA
 Sample : I2542-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Apr 07 07:19:49 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

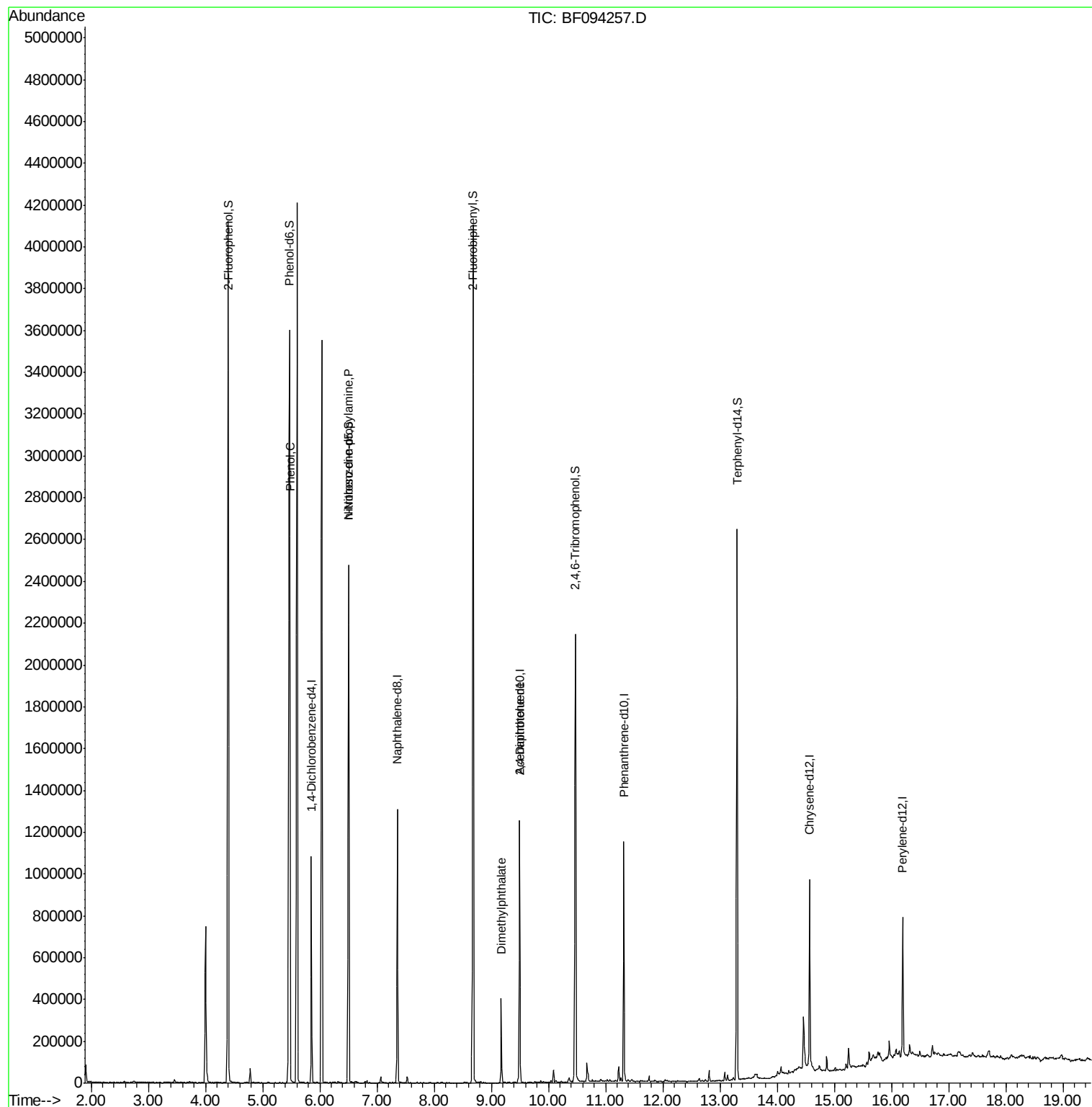
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	167109	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	662541	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	288894	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	457235	20.00	ng	0.00
75) Chrysene-d12	14.57	240	308272	20.00	ng	0.00
86) Perylene-d12	16.20	264	267679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1345722	136.02	ng	0.01
7) Phenol-d6	5.47	99	1726277	141.04	ng	0.00
23) Nitrobenzene-d5	6.50	82	1075031	92.60	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	311004	136.23	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1604031	84.69	ng	0.00
78) Terphenyl-d14	13.30	244	1007950	73.29	ng	0.00
Target Compounds						
10) Phenol	5.48	94	121578	8.73	ng	86
19) n-Nitroso-di-n-propylamine	6.50	70	142640	18.13	ng	# 77
49) Dimethylphthalate	9.17	163	172359	8.39	ng	99
56) 2,4-Dinitrotoluene	9.49	165	36403	6.16	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: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Instrument :

BNA_F

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COMP-1

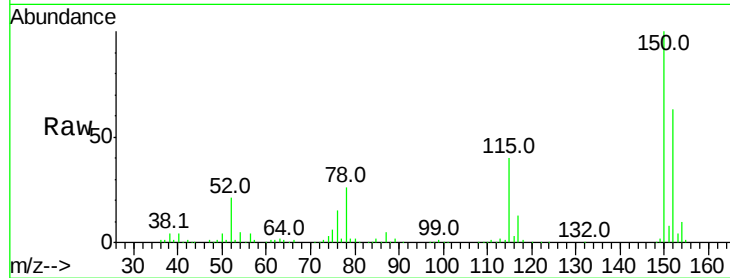
Tot Ion:152 Resp: 167109

Ion Ratio Lower Upper

152 100

150 157.6 126.2 189.2

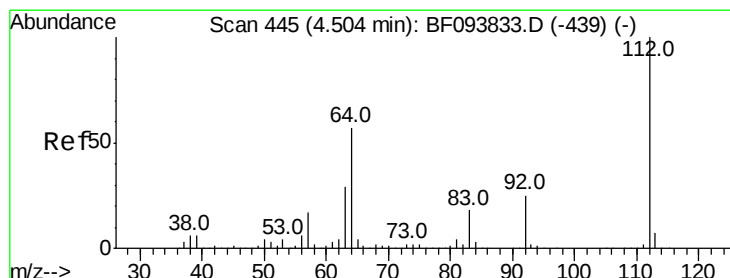
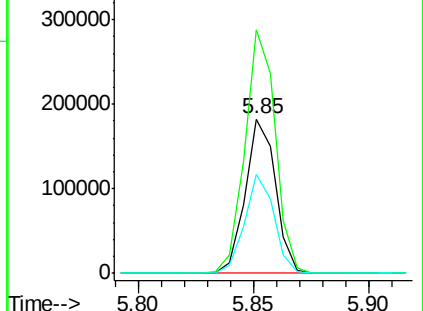
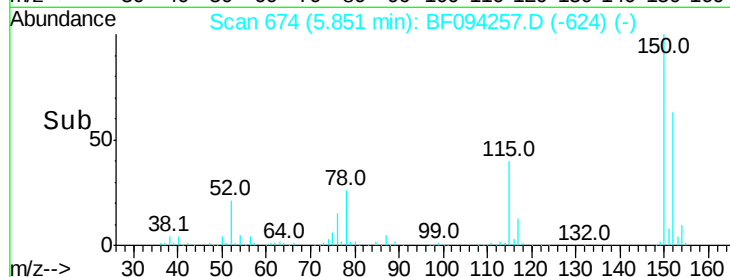
115 63.7 52.2 78.2



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: 136.02 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

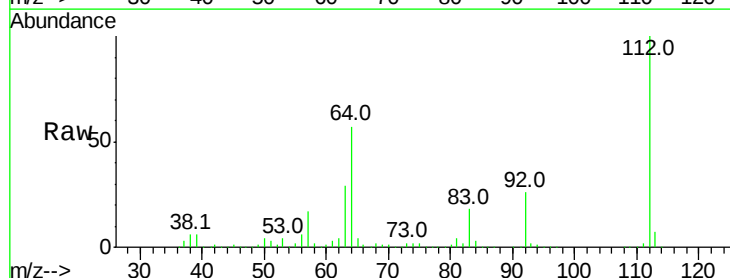
Tgt Ion:112 Resp: 1345722

Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

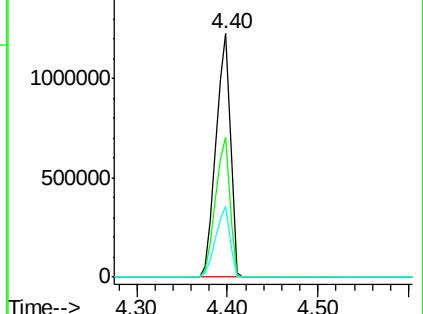
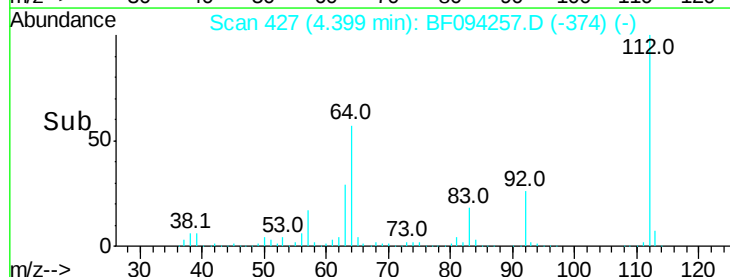
63 29.0 23.4 35.0



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: 141.04 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Instrument :

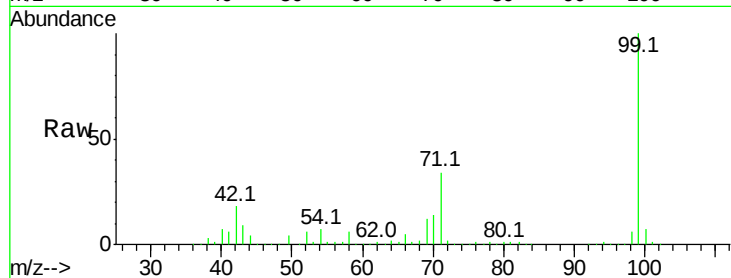
BNA_F

ClientSampleId :

COMP-1

Tot Ion: 99 Resp: 1726277

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	34.1	24.5	36.7

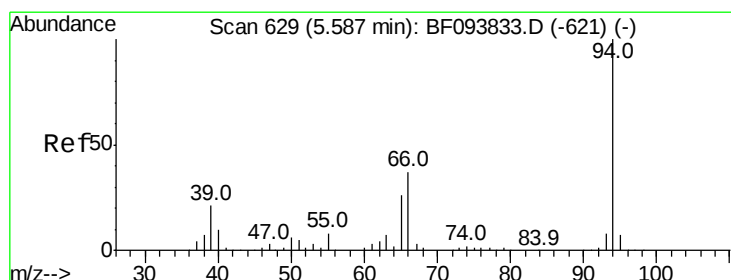
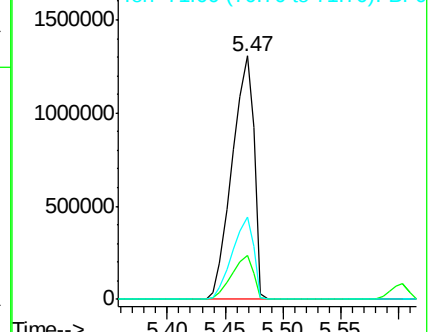
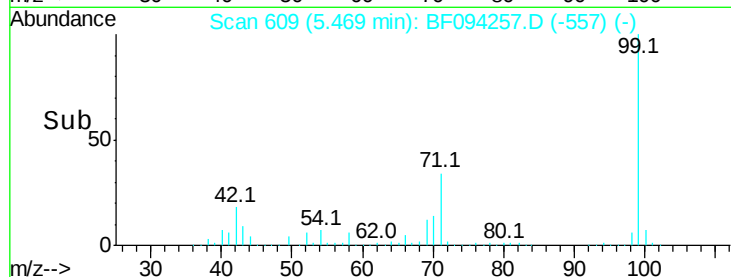


Abundance

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: 8.73 ng

RT: 5.48 min Scan# 611

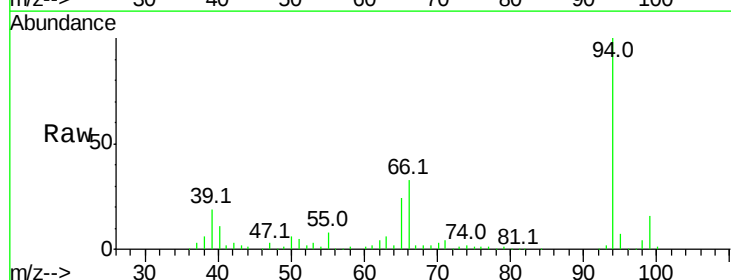
Delta R.T. -0.00 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Tgt Ion: 94 Resp: 121578

Ion	Ratio	Lower	Upper
94	100		
65	24.1	9.9	49.9
66	32.9	23.1	63.1

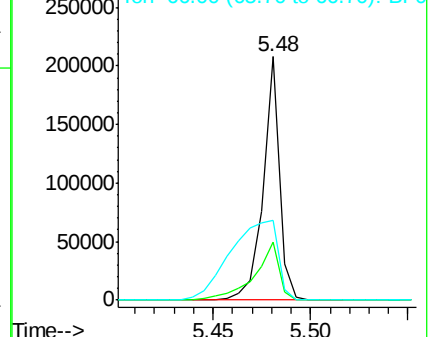
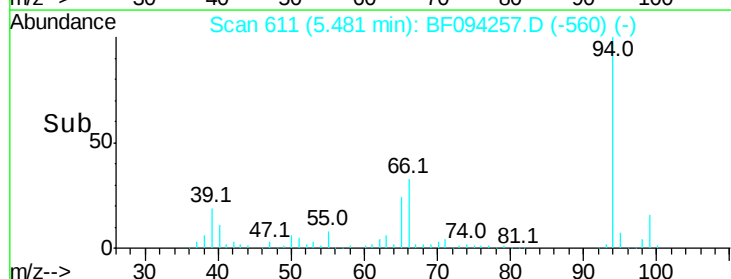


Abundance

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

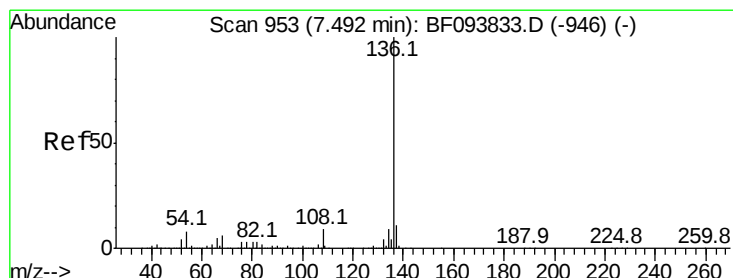
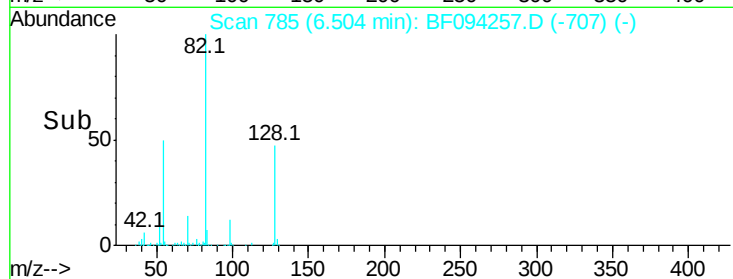
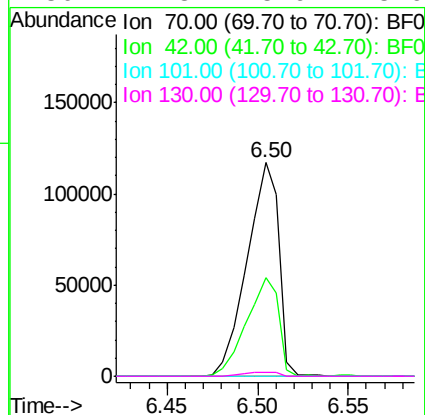
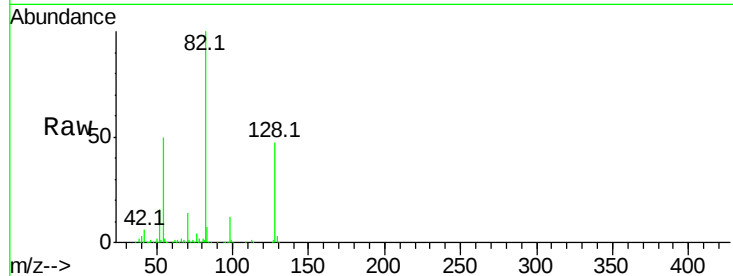




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.13 ng
 RT: 6.50 min Scan# 785
 Delta R.T. 0.16 min
 Lab File: BF094257.D
 Acq: 7 Apr 2017 6:55

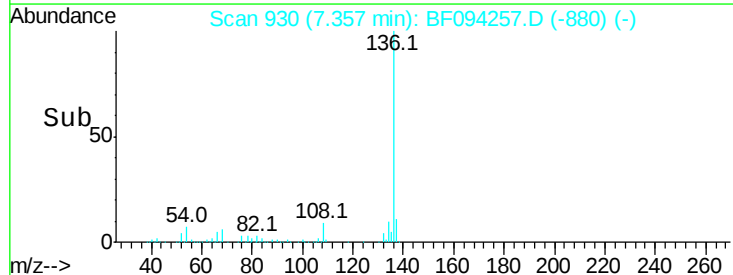
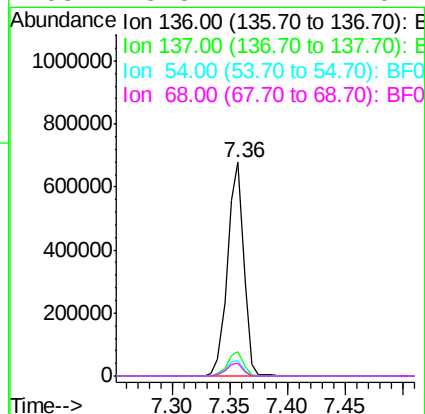
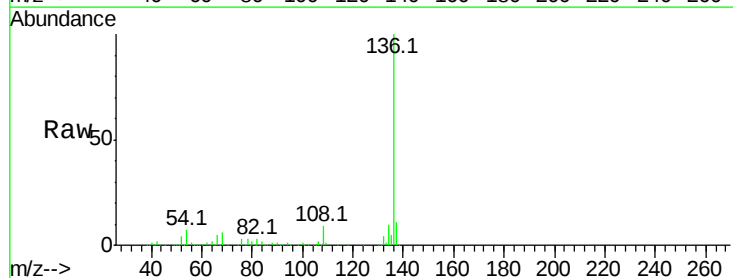
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

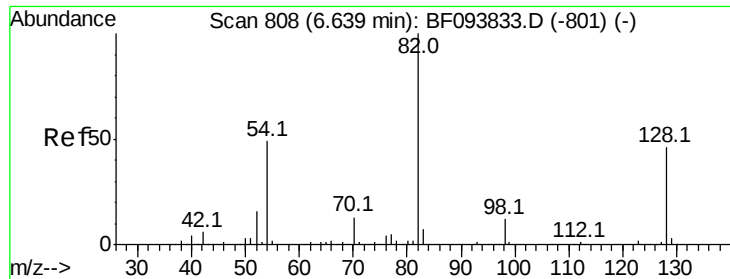
Tot Ion: 70 Resp: 142640
 Ion Ratio Lower Upper
 70 100
 42 46.4 47.2 70.8#
 101 0.0 7.2 10.8#
 130 1.8 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.36 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF094257.D
 Acq: 7 Apr 2017 6:55

Tgt Ion: 136 Resp: 662541
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.5 12.7
 54 7.2 4.9 7.3
 68 5.8 4.1 6.1

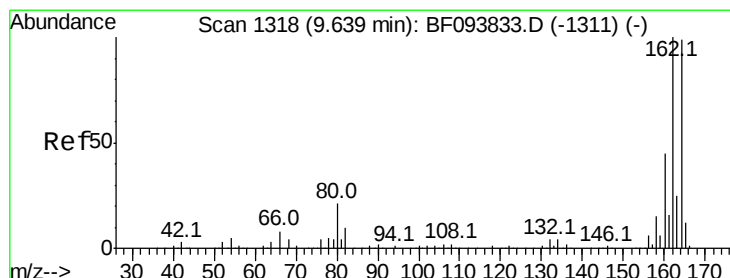
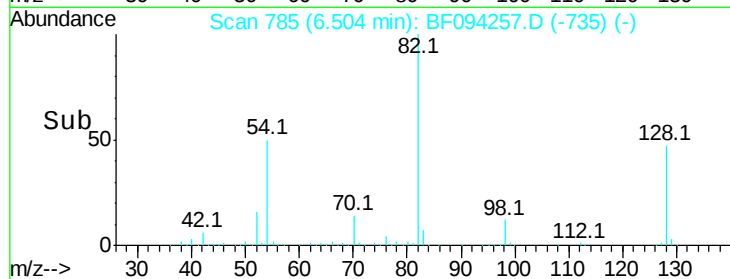
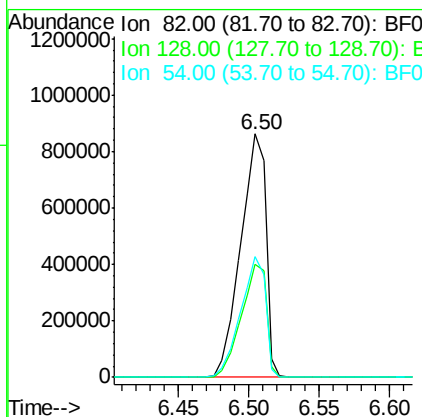
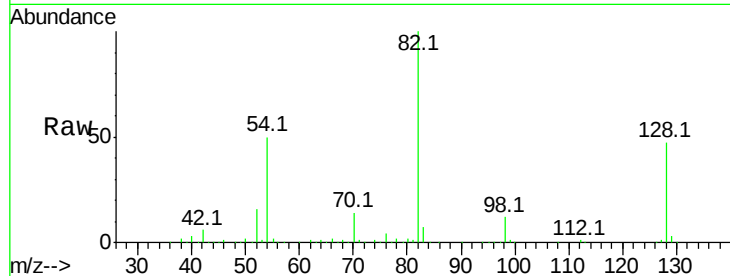




#23
Nitrobenzene-d5
Concen: 92.60 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF094257.D
Acq: 7 Apr 2017 6:55

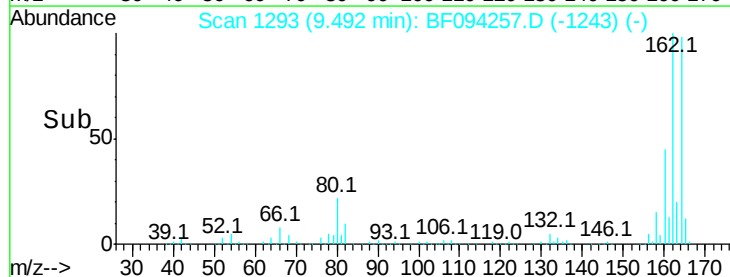
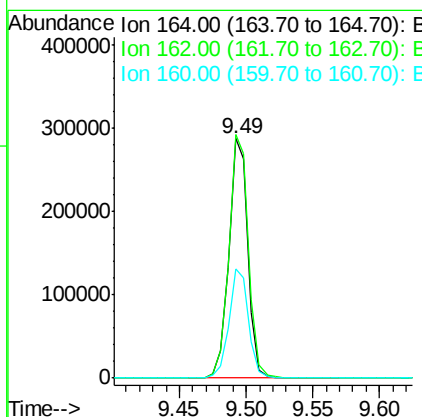
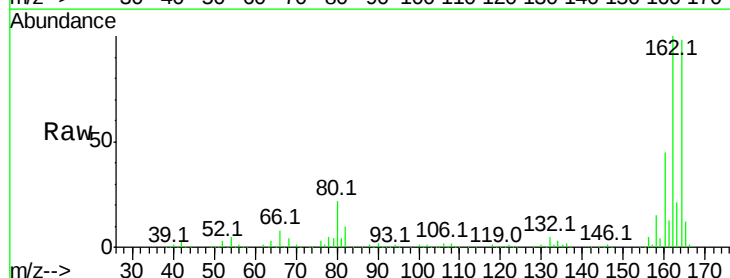
Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion: 82 Resp: 1075031
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 49.7 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF094257.D
Acq: 7 Apr 2017 6:55

Tgt Ion:164 Resp: 288894
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 45.6 36.2 54.2

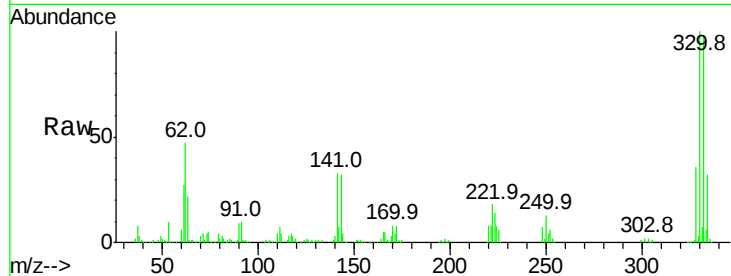




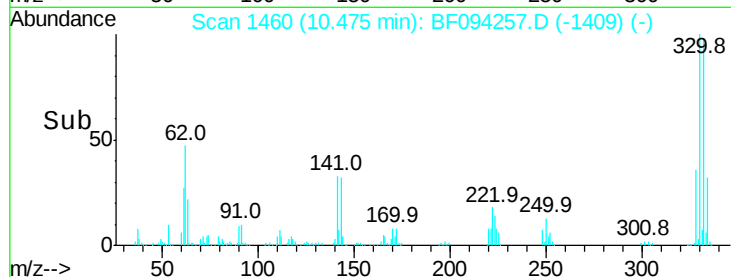
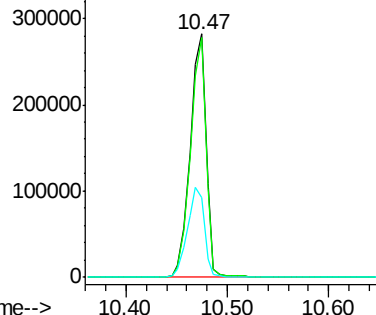
#41
 2,4,6-Tribromophenol
 Concen: 136.23 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094257.D
 Acq: 7 Apr 2017 6:55

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion:330 Resp: 311004
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.2 31.4 47.2

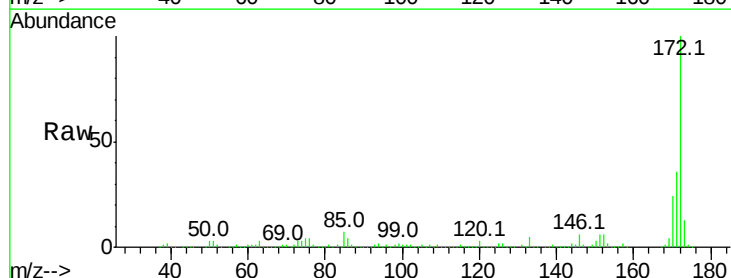


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

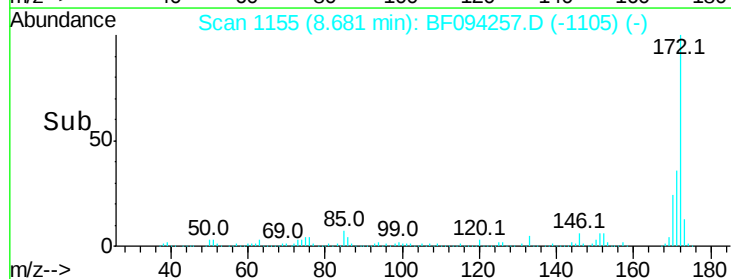
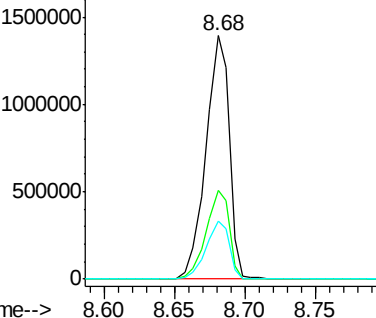


#44
 2-Fluorobiphenyl
 Concen: 84.69 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094257.D
 Acq: 7 Apr 2017 6:55

Tgt Ion:172 Resp: 1604031
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.0 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

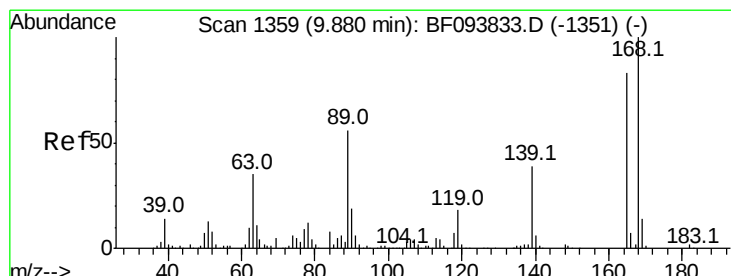
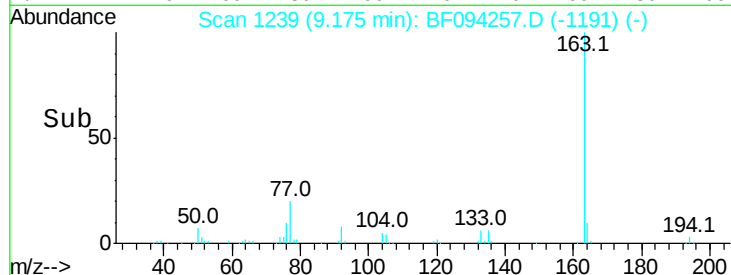
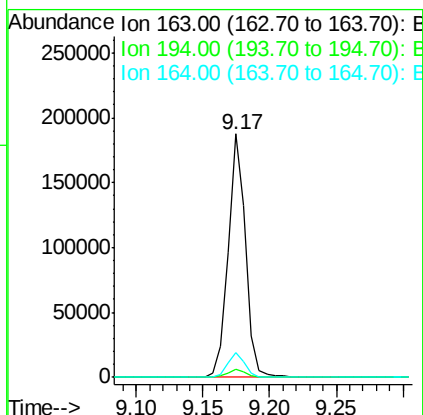
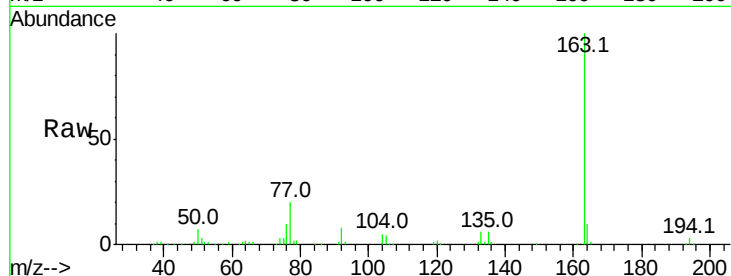




#49
Dimethylphthalate
Concen: 8.39 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094257.D
Acq: 7 Apr 2017 6:55

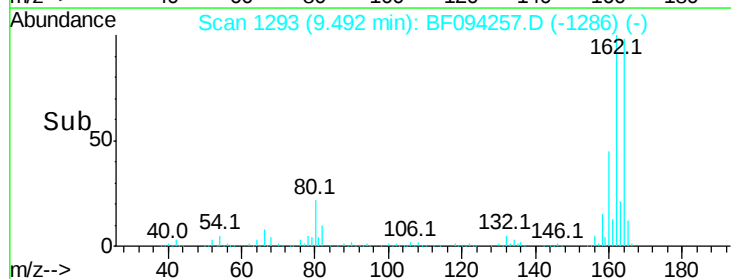
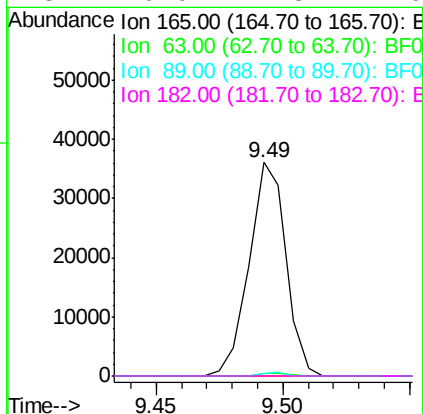
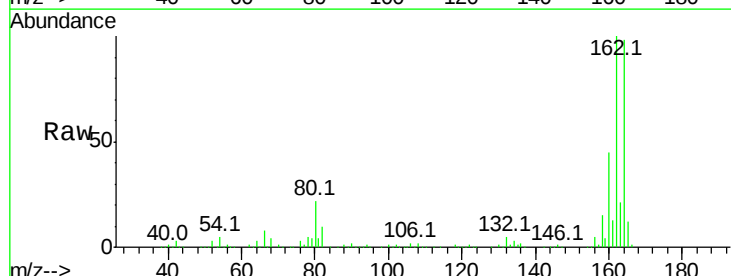
Instrument :
BNA_F
ClientSampleId :
COMP-1

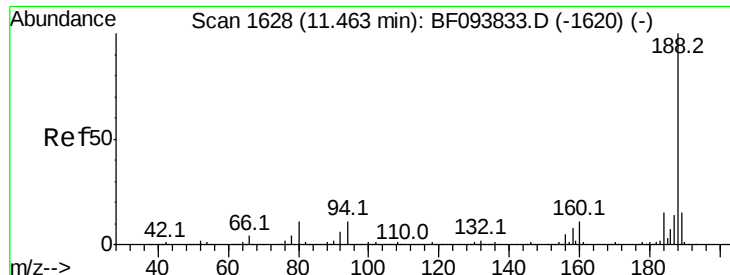
Tot Ion:163 Resp: 172359
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.26 min
Lab File: BF094257.D
Acq: 7 Apr 2017 6:55

Tgt Ion:165 Resp: 36403
Ion Ratio Lower Upper
165 100
63 1.1 25.4 38.0#
89 0.9 46.4 69.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Instrument :

BNA_F

ClientSampleId :

COMP-1

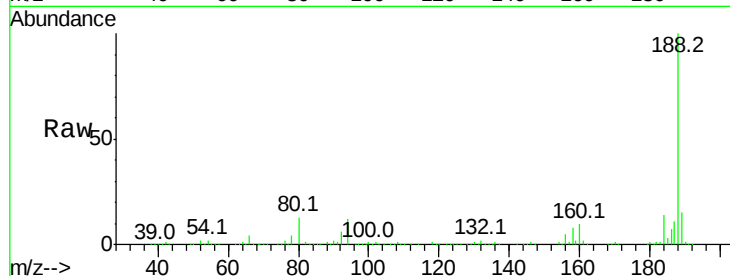
Tot Ion:188 Resp: 457235

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

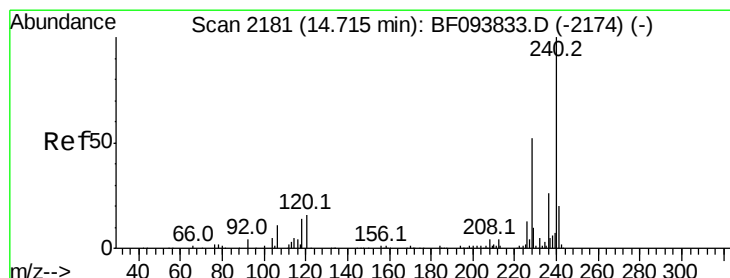
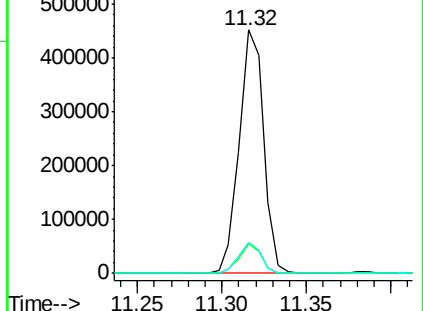
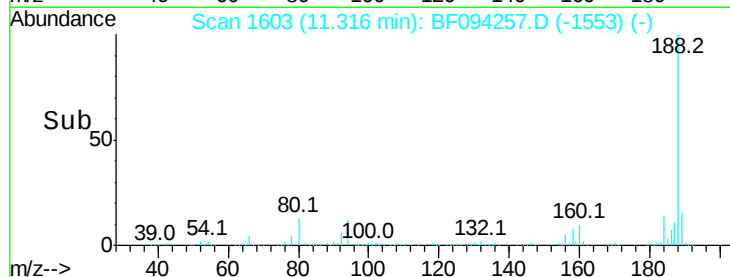
80 12.6 10.2 15.2



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: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

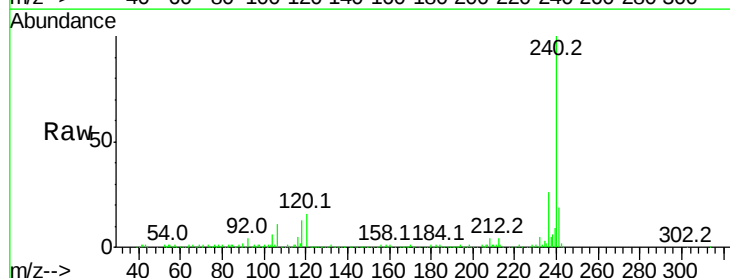
Tgt Ion:240 Resp: 308272

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

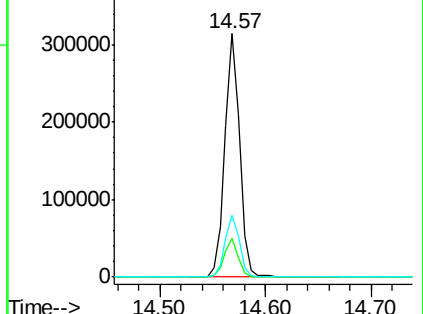
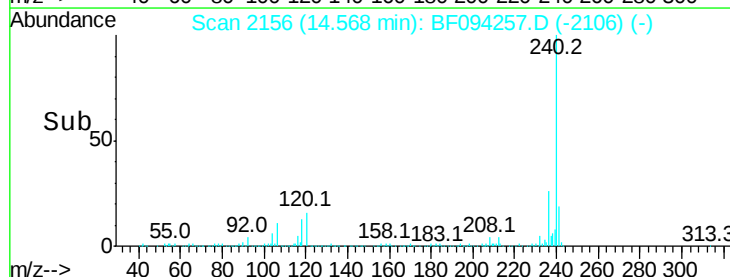
236 25.6 20.5 30.7

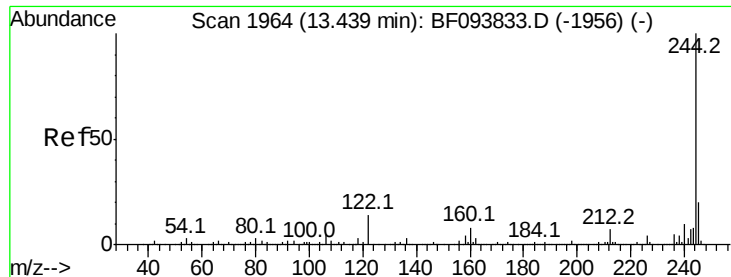


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.29 ng

RT: 13.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Instrument :

BNA_F

ClientSampleId :

COMP-1

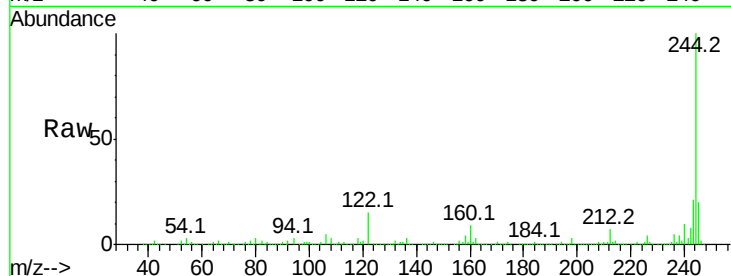
Tot Ion:244 Resp: 1007950

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

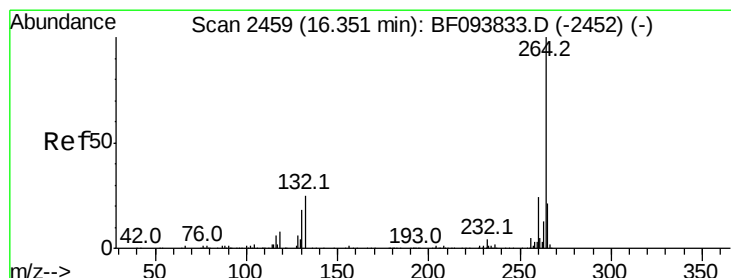
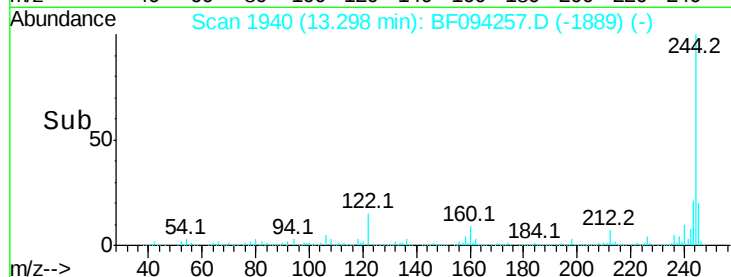
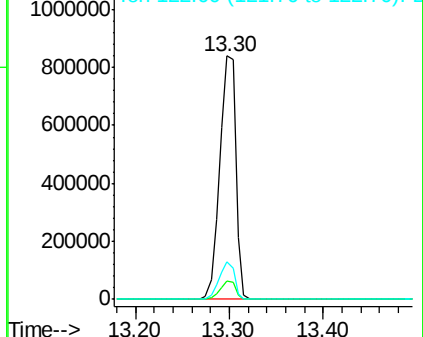
122 15.5 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 16.20 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

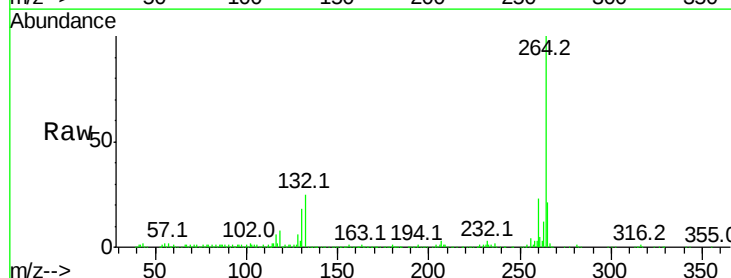
Tgt Ion:264 Resp: 267679

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.0 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

