

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094948.D
 Acq On : 6 May 2017 8:01
 Operator : SJ/MA
 Sample : I2970-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 01:36:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

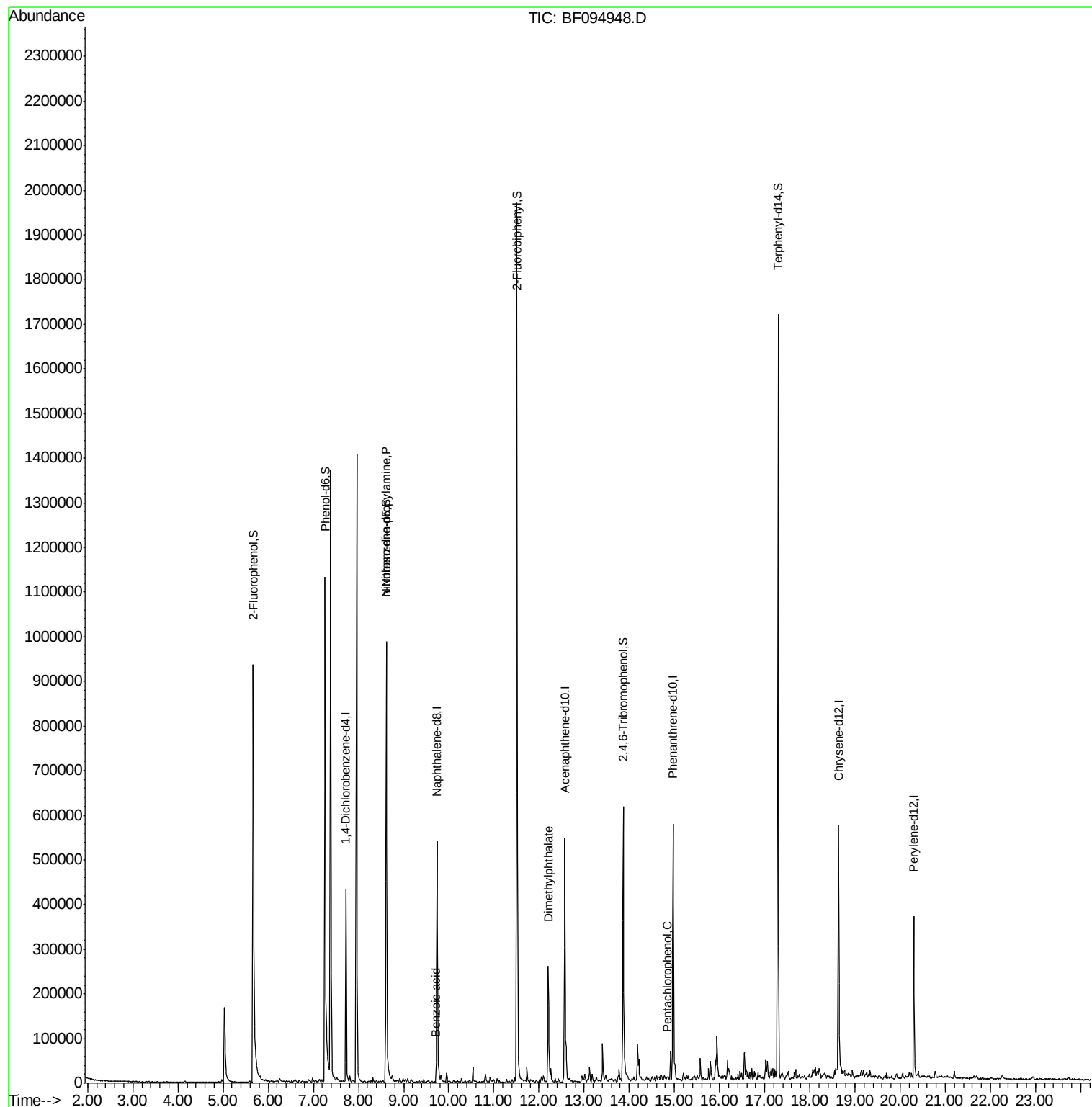
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	95692	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	386898	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	172143	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	310305	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	240908	20.00	ng	-0.02
86) Perylene-d12	20.30	264	168611	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	499693	87.06	ng	-0.01
7) Phenol-d6	7.26	99	685734	99.57	ng	-0.02
23) Nitrobenzene-d5	8.62	82	455306	74.21	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	113870	80.77	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	849355	71.02	ng	-0.02
78) Terphenyl-d14	17.29	244	626413	57.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	57855	12.42	ng	# 77
32) Benzoic acid	9.70	122	113	5.11	ng	# 1
49) Dimethylphthalate	12.21	163	166361	11.77	ng	# 99
69) Pentachlorophenol	14.84	266	503	6.17	ng	# 7

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF094948.D

Acq: 6 May 2017 8:01

Instrument :

BNA_F

ClientSampleId :

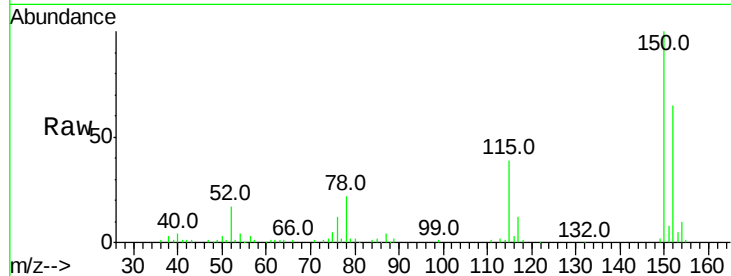
Tot Ion:152 Resp: 95692

Ion Ratio Lower Upper

152 100

150 152.9 126.2 189.2

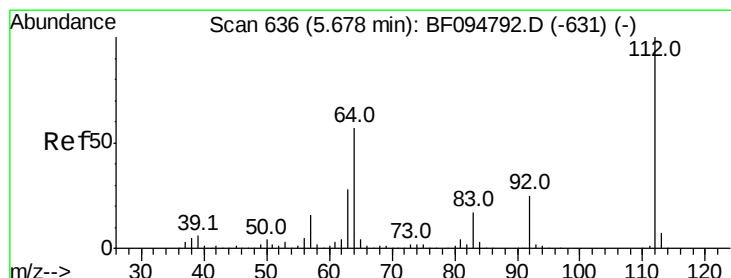
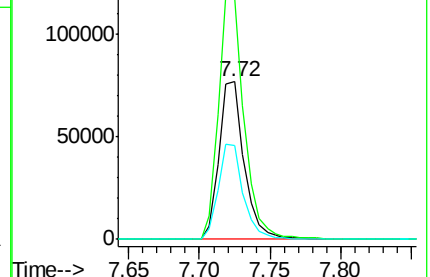
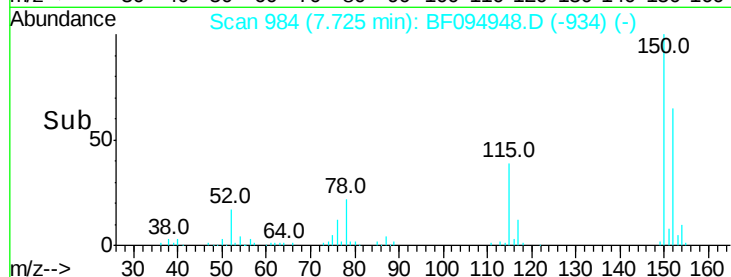
115 59.4 52.2 78.2



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: 87.06 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094948.D

Acq: 6 May 2017 8:01

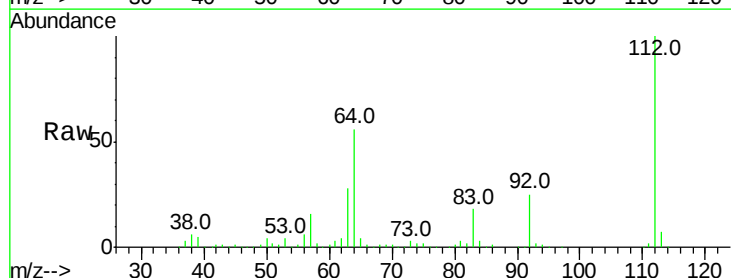
Tgt Ion:112 Resp: 499693

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

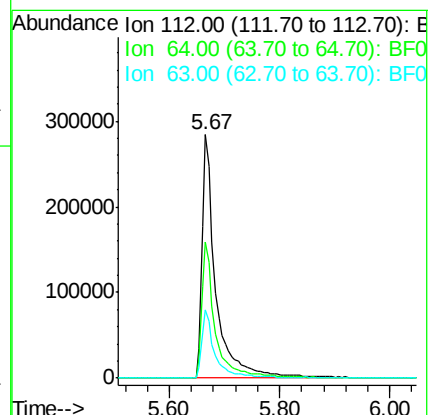
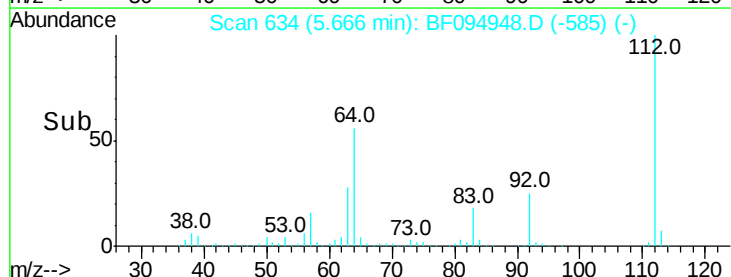
63 28.2 23.4 35.0

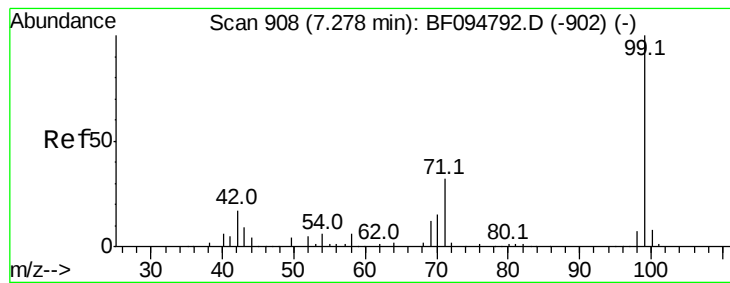


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.57 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094948.D

Acq: 6 May 2017 8:01

Instrument :

BNA_F

ClientSampled :

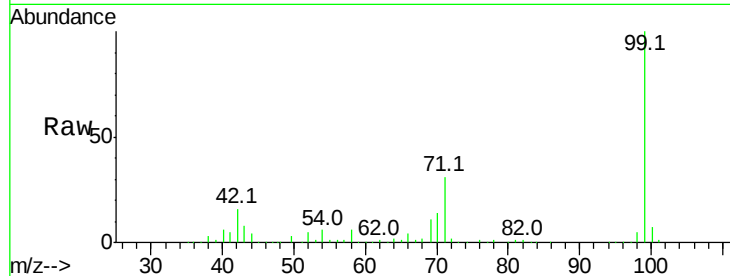
Tot Ion: 99 Resp: 685734

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

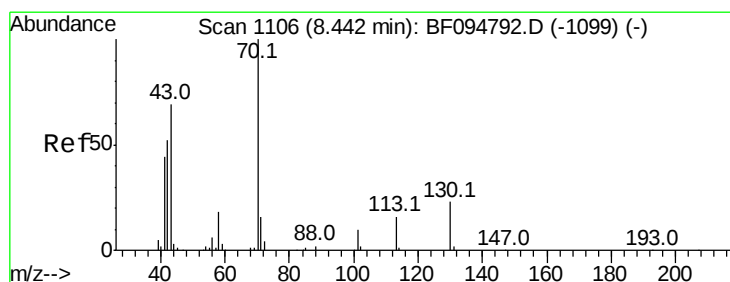
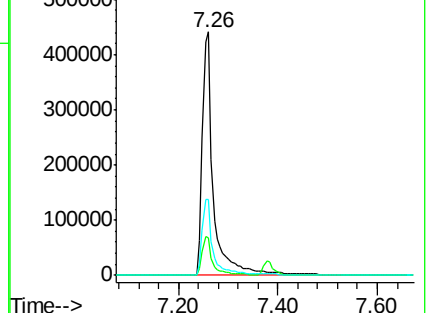
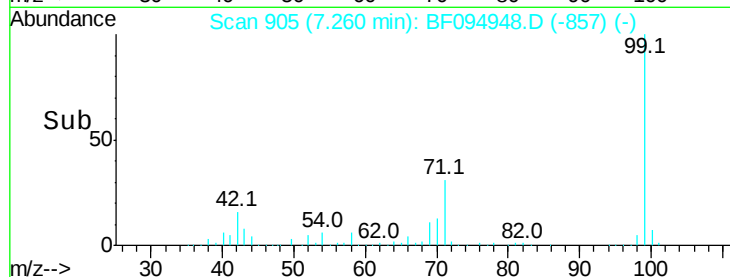
71 31.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.42 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094948.D

Acq: 6 May 2017 8:01

Tgt Ion: 70 Resp: 57855

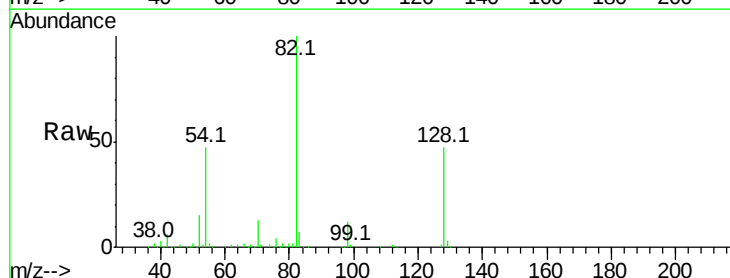
Ion Ratio Lower Upper

70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

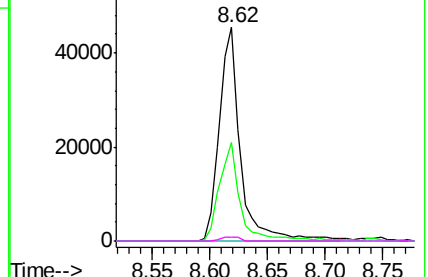
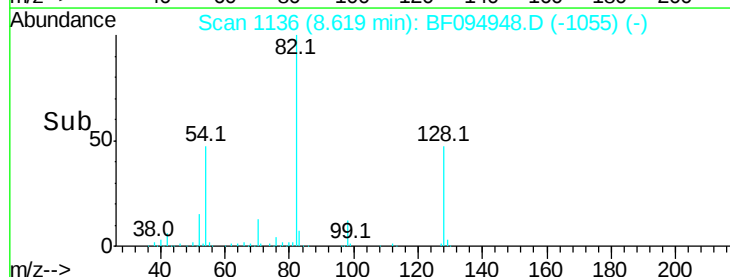


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094948.D

Acq: 6 May 2017 8:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 386898

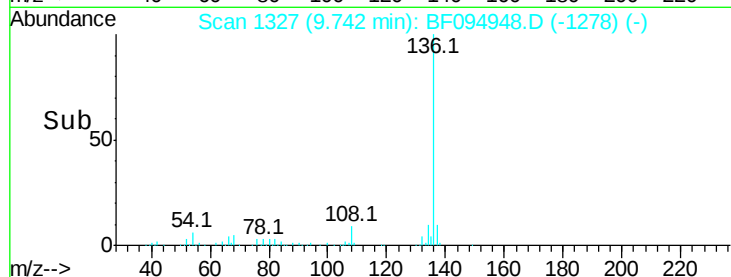
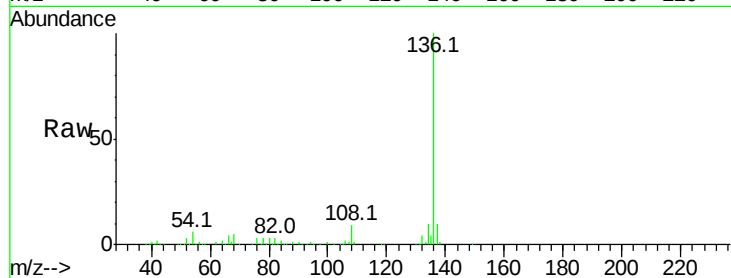
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 4.9 7.3

68 5.4 4.1 6.1

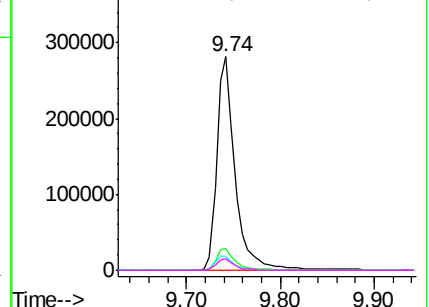


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.21 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094948.D

Acq: 6 May 2017 8:01

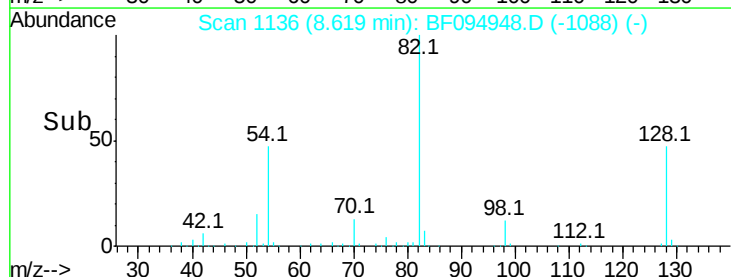
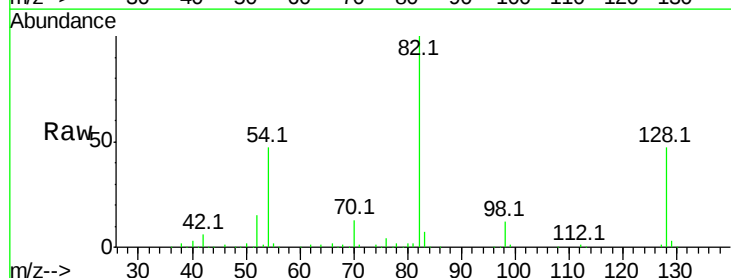
Tgt Ion: 82 Resp: 455306

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

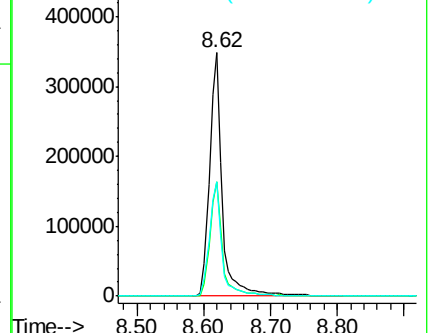
54 47.1 42.2 63.2

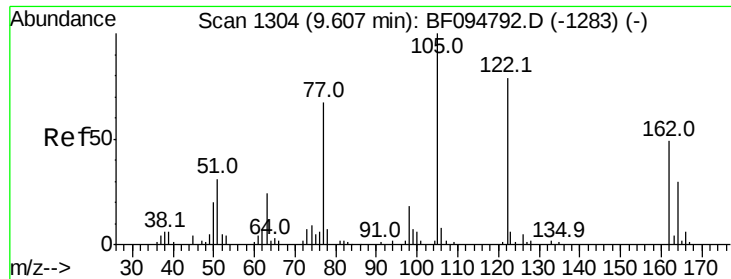


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

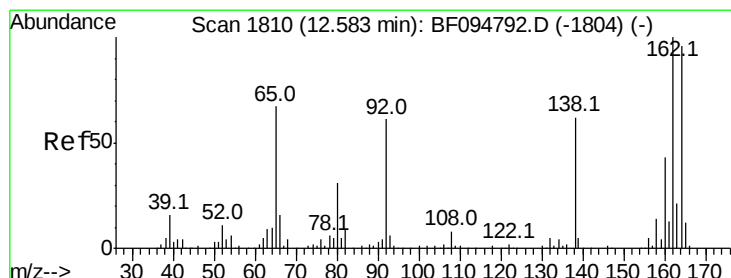
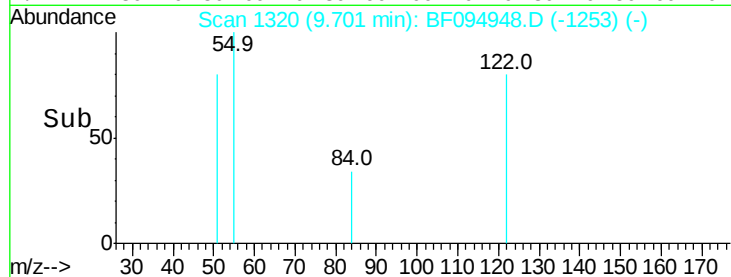
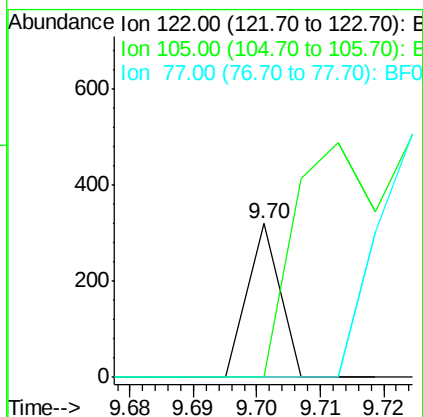
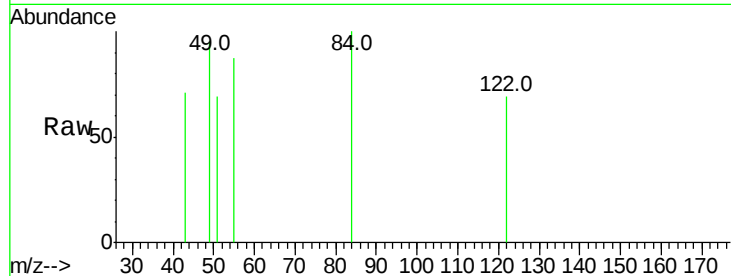




#32
Benzoic acid
Concen: 5.11 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.09 min
Lab File: BF094948.D
Acq: 6 May 2017 8:01

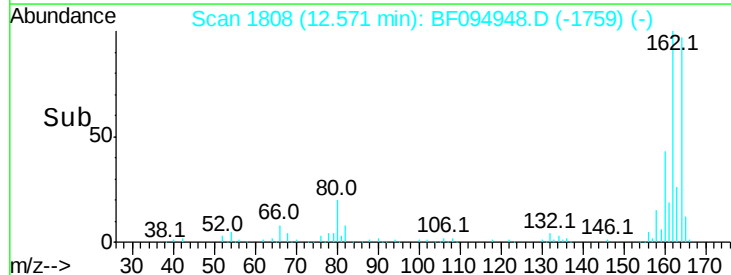
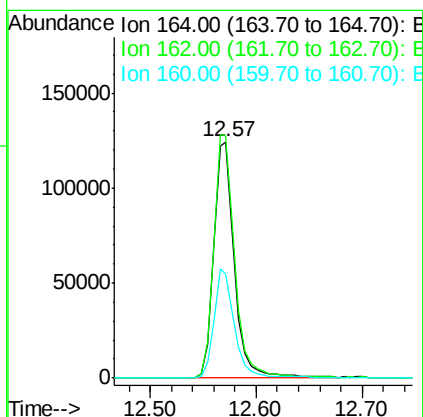
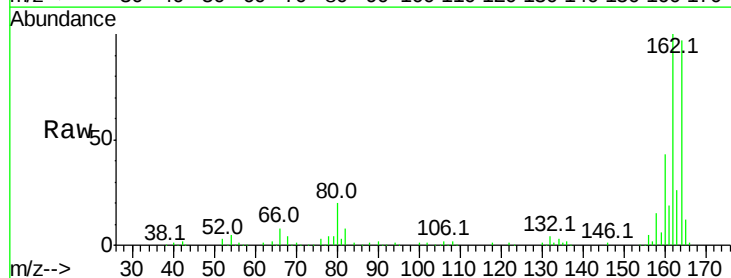
Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094948.D
Acq: 6 May 2017 8:01

Tgt Ion:164 Resp: 172143
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 44.2 36.2 54.2

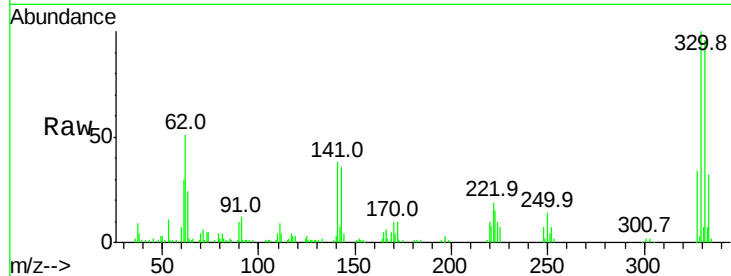




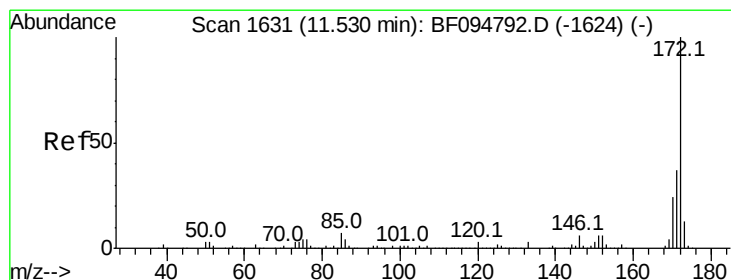
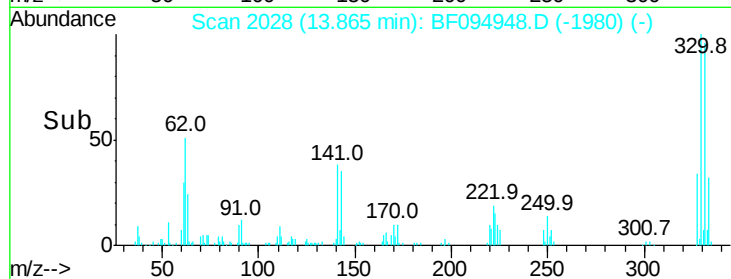
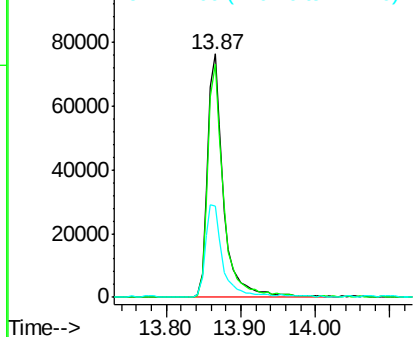
#41
 2,4,6-Tribromophenol
 Concen: 80.77 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094948.D
 Acq: 6 May 2017 8:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	40.7	31.4	47.2

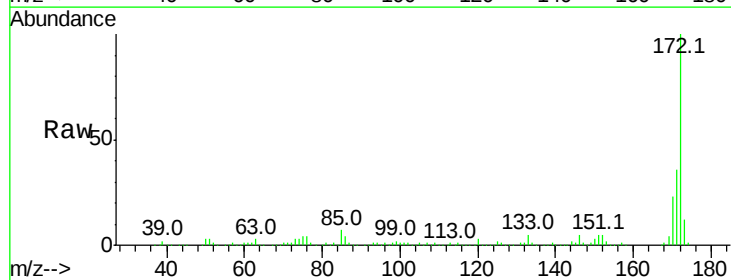


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

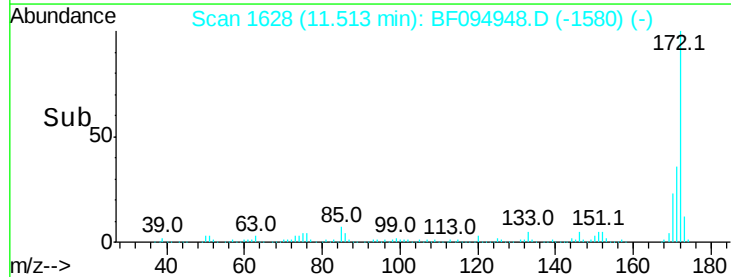
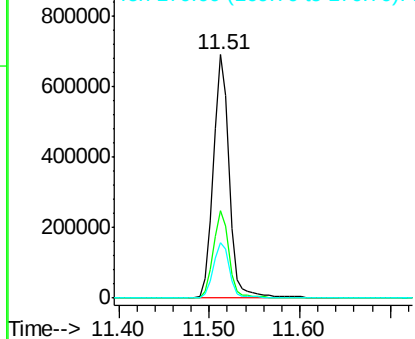


#44
 2-Fluorobiphenyl
 Concen: 71.02 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094948.D
 Acq: 6 May 2017 8:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	22.9	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





#49

Dimethylphthalate

Concen: 11.77 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094948.D

Acq: 6 May 2017 8:01

Instrument :

BNA_F

ClientSampleId :

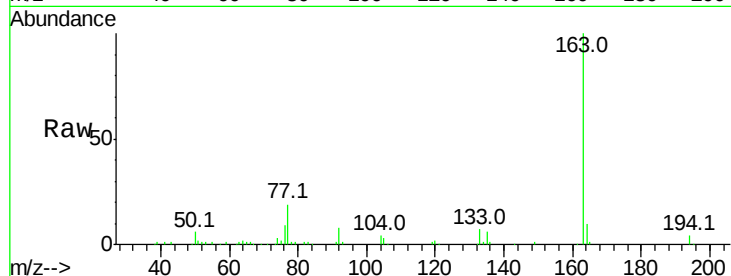
Tot Ion:163 Resp: 166361

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

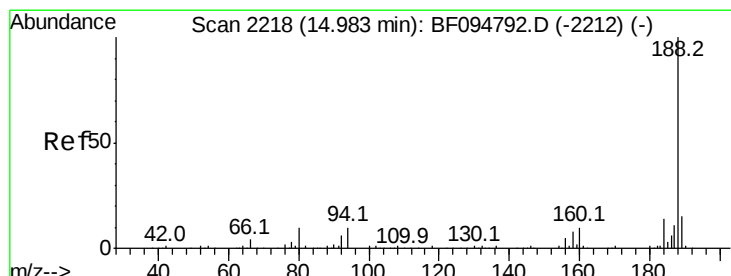
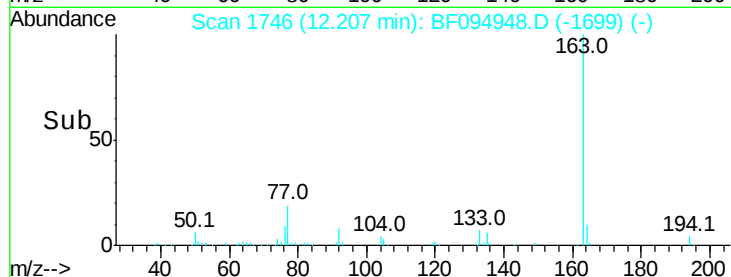
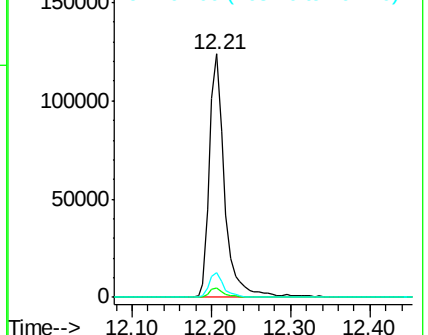
164 10.2 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094948.D

Acq: 6 May 2017 8:01

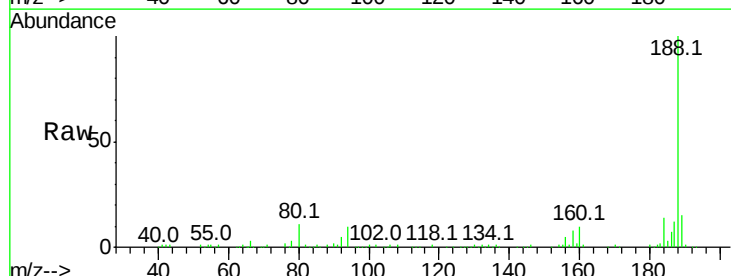
Tgt Ion:188 Resp: 310305

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

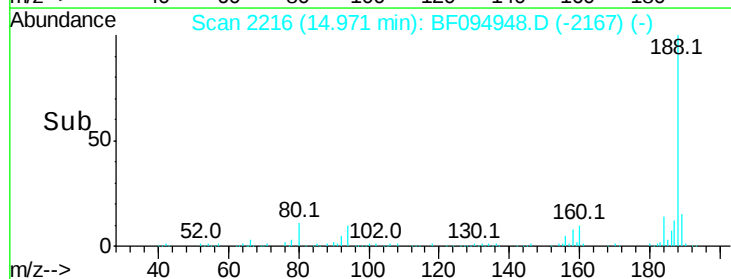
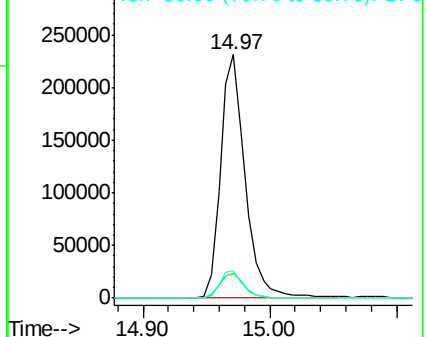
80 11.0 10.2 15.2

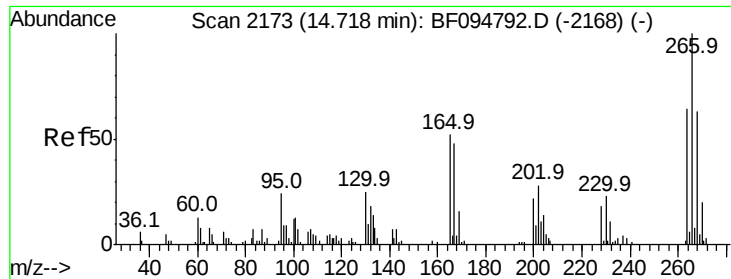


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

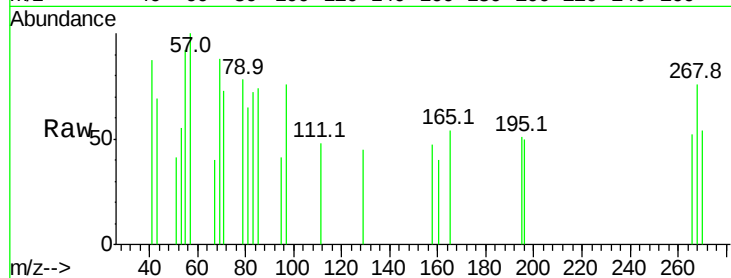




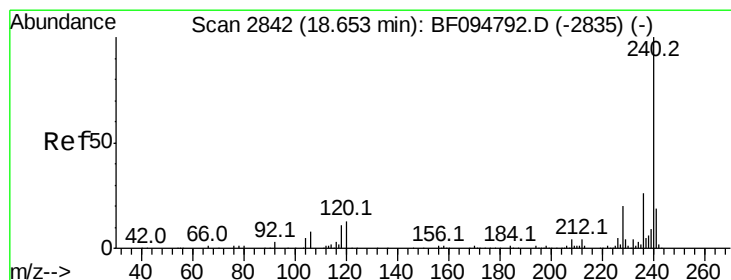
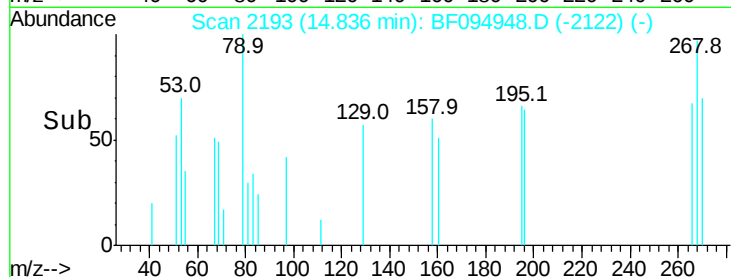
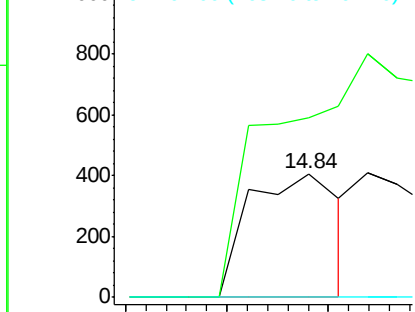
#69
 Pentachlorophenol
 Concen: 6.17 ng
 RT: 14.84 min Scan# 2193
 Delta R.T. 0.12 min
 Lab File: BF094948.D
 Acq: 6 May 2017 8:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 503
 Ion Ratio Lower Upper
 266 100
 268 145.8 51.1 76.7#
 264 0.0 51.7 77.5#

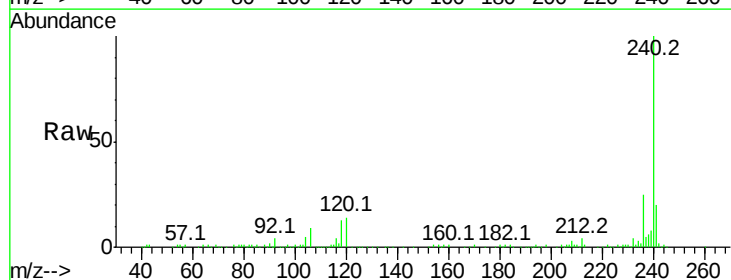


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

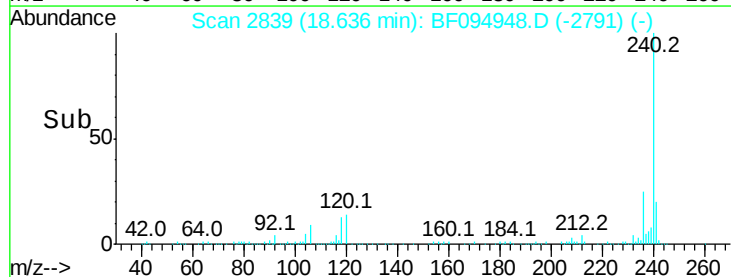
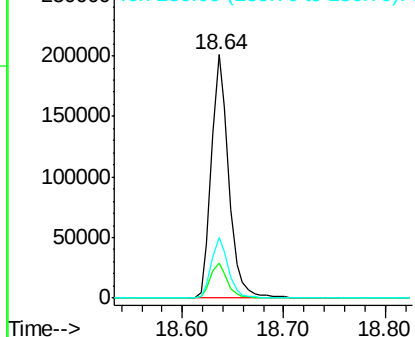


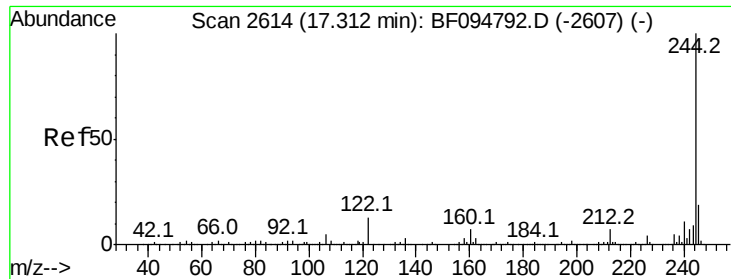
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094948.D
 Acq: 6 May 2017 8:01

Tgt Ion:240 Resp: 240908
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 24.8 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

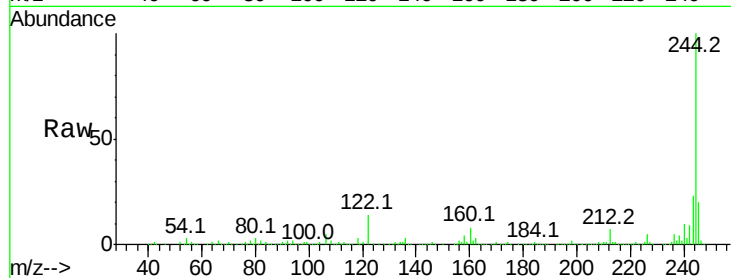




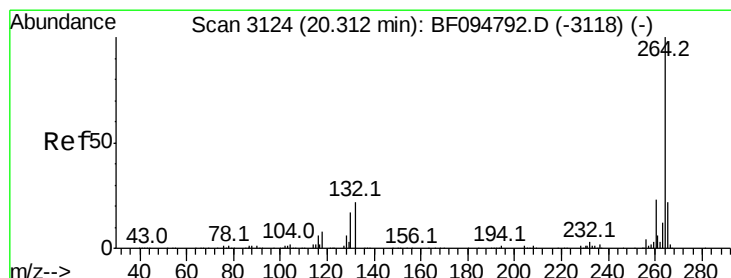
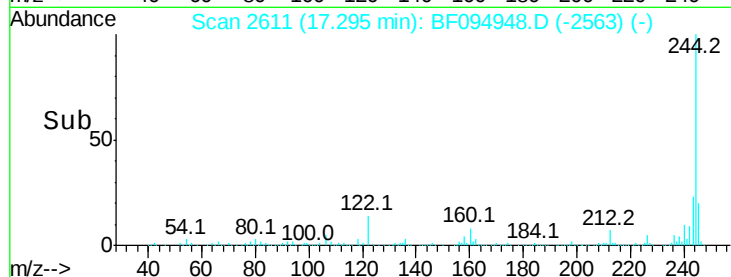
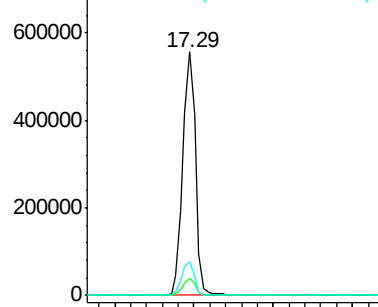
#78
 Terphenyl-d14
 Concen: 57.27 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094948.D
 Acq: 6 May 2017 8:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 626413
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.8 10.3 15.5

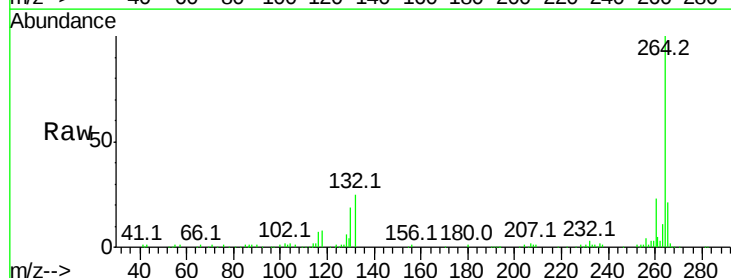


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094948.D
 Acq: 6 May 2017 8:01

Tgt Ion:264 Resp: 168611
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.1 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

