

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095353.D
 Acq On : 23 May 2017 16:13
 Operator : SJ/MA
 Sample : I3240-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:27:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

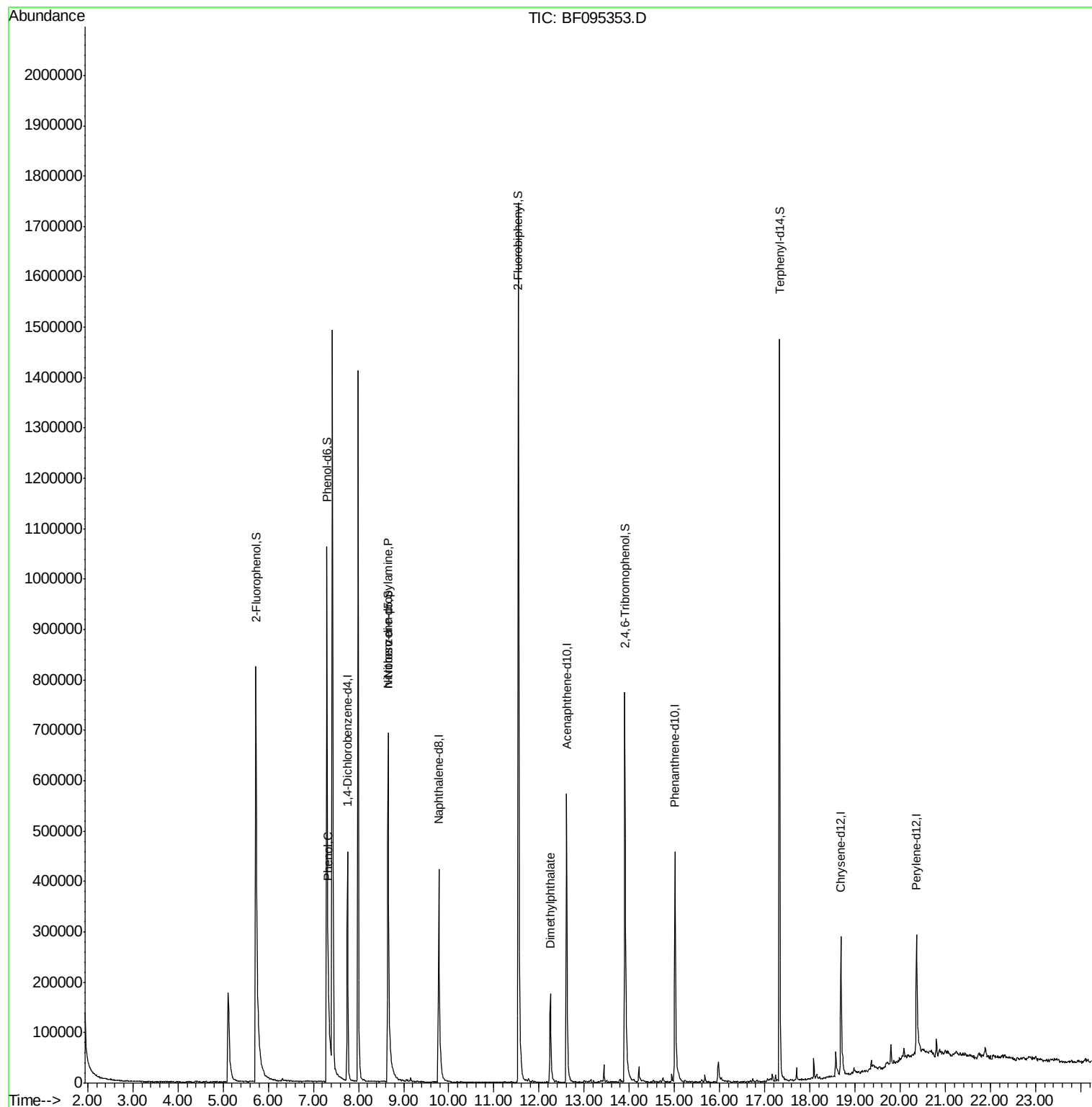
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	101968	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	437383	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	203762	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	350206	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	177271	20.00	ng	0.00
86) Perylene-d12	20.37	264	164866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	642076	104.98	ng	-0.01
7) Phenol-d6	7.30	99	809409	110.30	ng	-0.02
23) Nitrobenzene-d5	8.65	82	478583	69.00	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	177932	106.63	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	978369	69.11	ng	-0.02
78) Terphenyl-d14	17.33	244	651342	80.93	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	16622	2.15	ng	# 66
19) n-Nitroso-di-n-propylamine	8.65	70	55678	11.22	ng	# 74
49) Dimethylphthalate	12.25	163	153291	9.16	ng	97

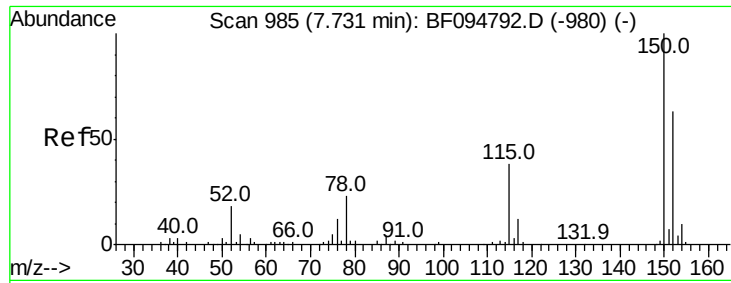
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095353.D

Acq: 23 May 2017 16:13

Instrument :

BNA_F

ClientSampleId :

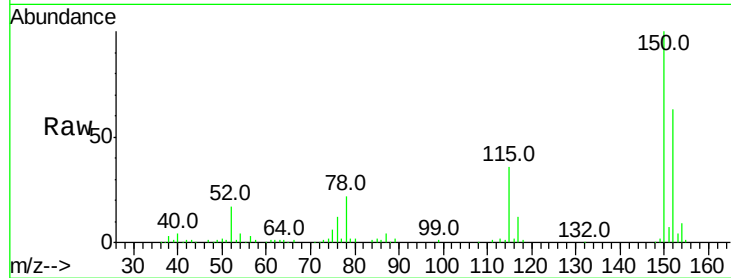
Tot Ion:152 Resp: 101968

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

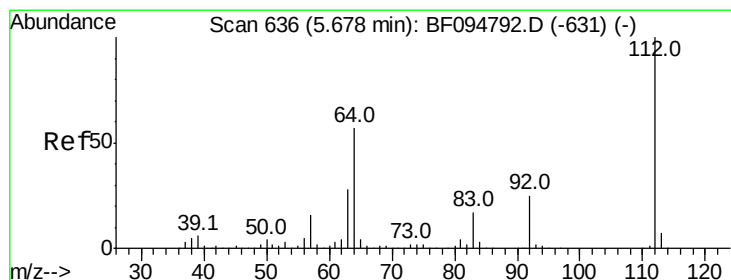
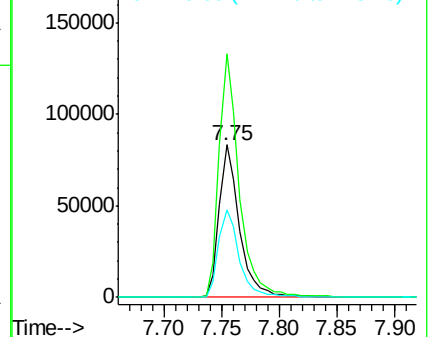
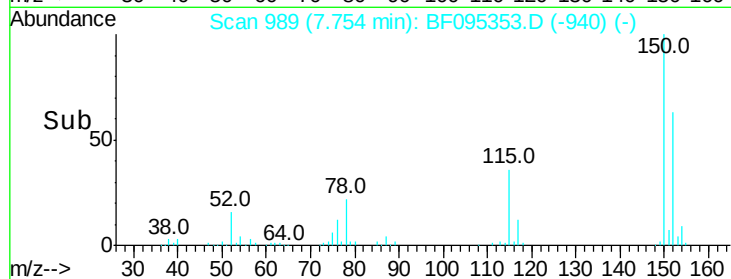
115 57.1 52.2 78.2



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: 104.98 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095353.D

Acq: 23 May 2017 16:13

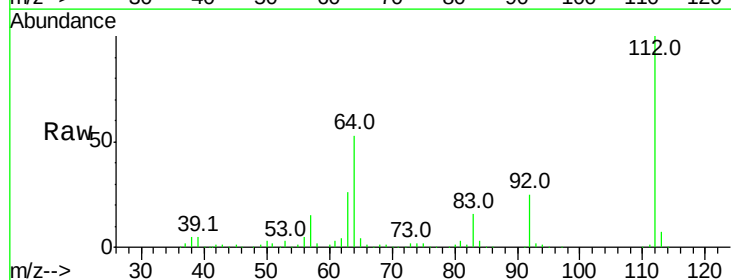
Tgt Ion:112 Resp: 642076

Ion Ratio Lower Upper

112 100

64 52.7 46.0 69.0

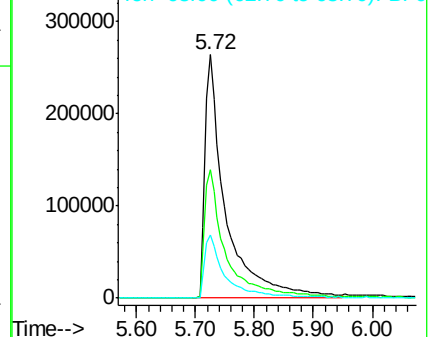
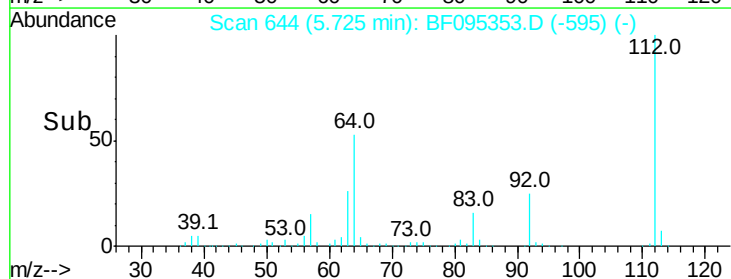
63 25.9 23.4 35.0

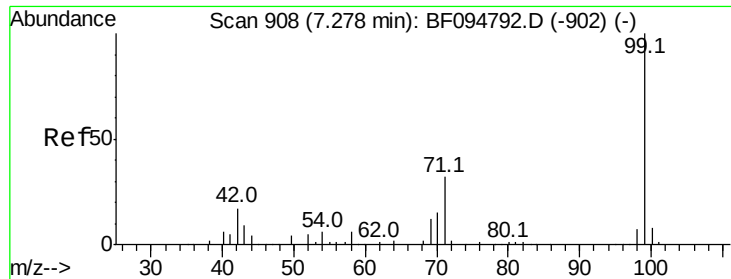


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.30 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095353.D

Acq: 23 May 2017 16:13

Instrument :

BNA_F

ClientSampled :

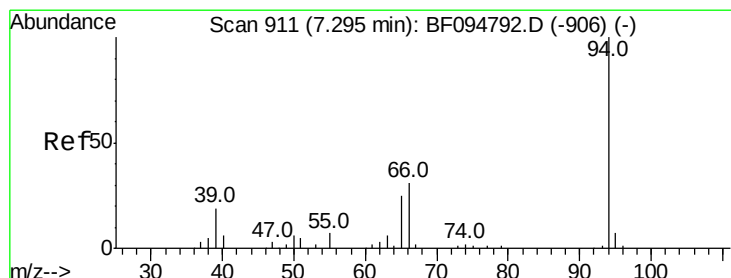
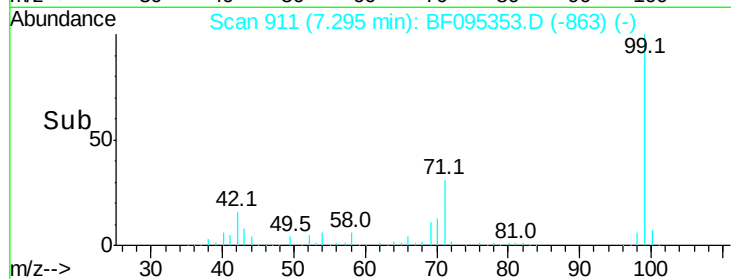
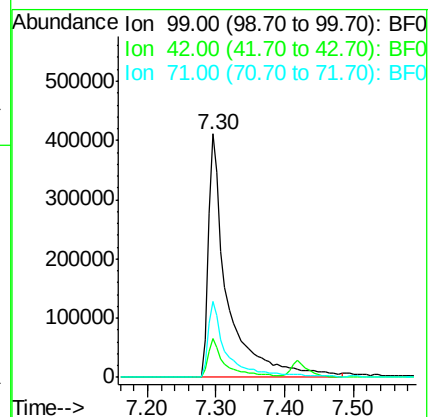
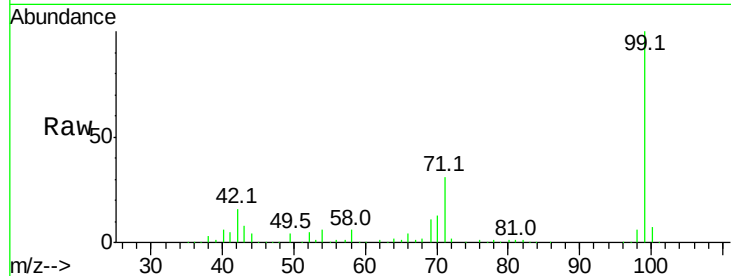
Tot Ion: 99 Resp: 809409

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 31.4 24.5 36.7



#10

Phenol

Concen: 2.15 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095353.D

Acq: 23 May 2017 16:13

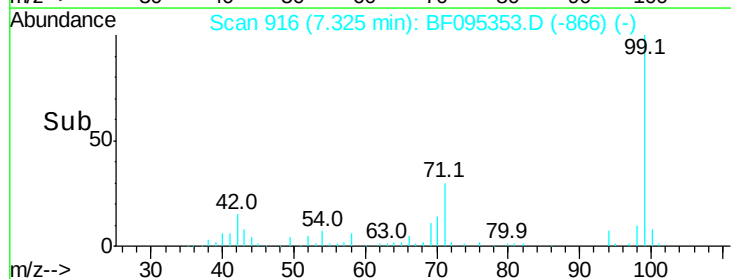
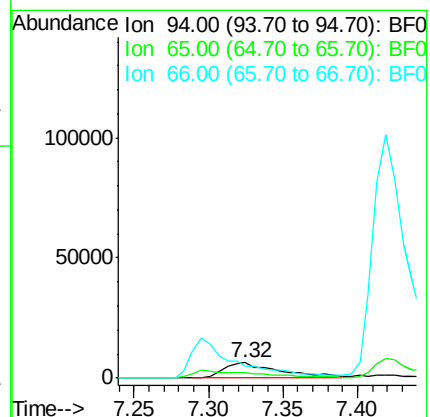
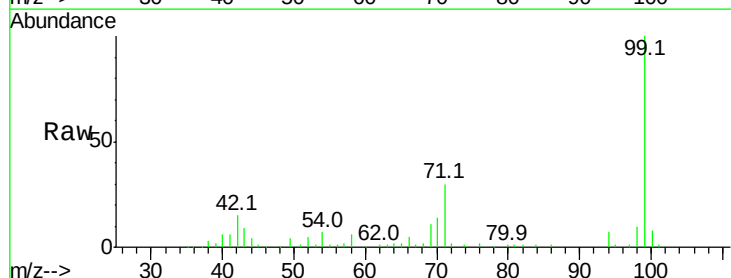
Tgt Ion: 94 Resp: 16622

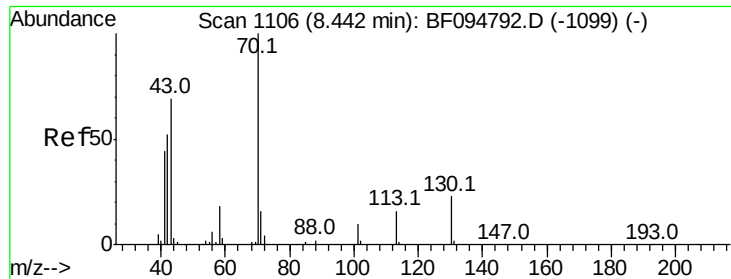
Ion Ratio Lower Upper

94 100

65 34.8 9.9 49.9

66 75.6 23.1 63.1#





#19

n-Nitroso-di-n-propylamine

Concen: 11.22 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095353.D

Acq: 23 May 2017 16:13

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 55678

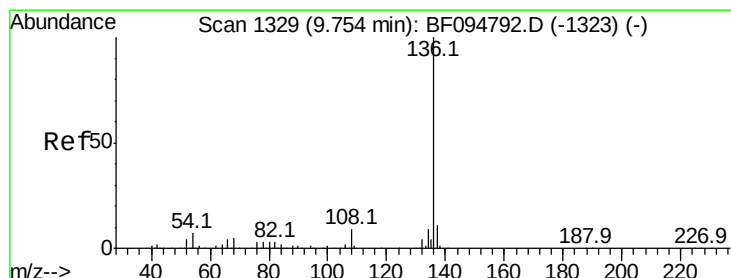
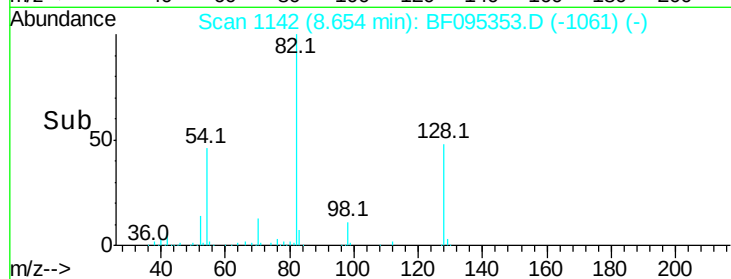
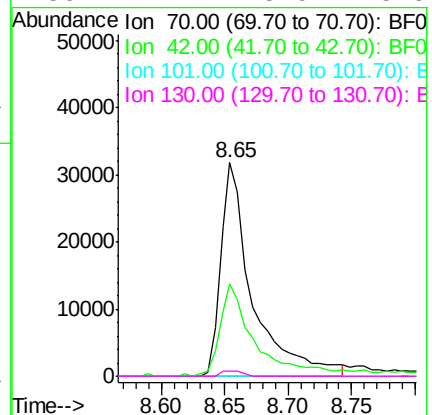
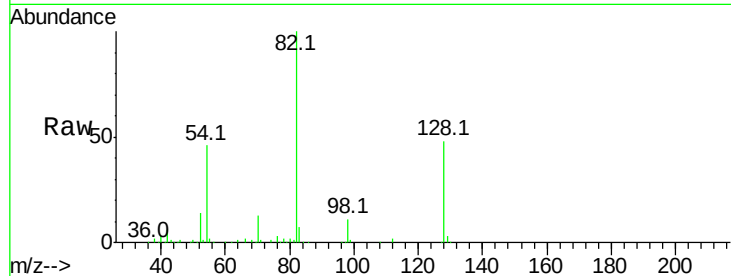
Ion Ratio Lower Upper

70 100

42 42.9 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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095353.D

Acq: 23 May 2017 16:13

Tgt Ion: 136 Resp: 437383

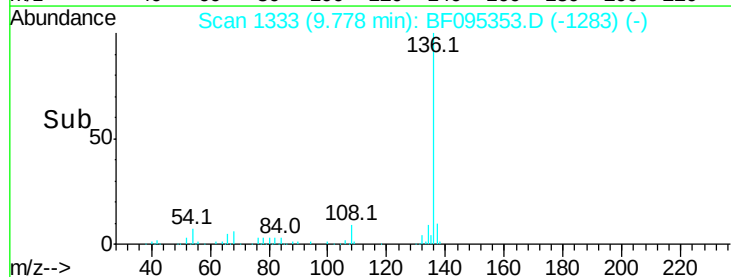
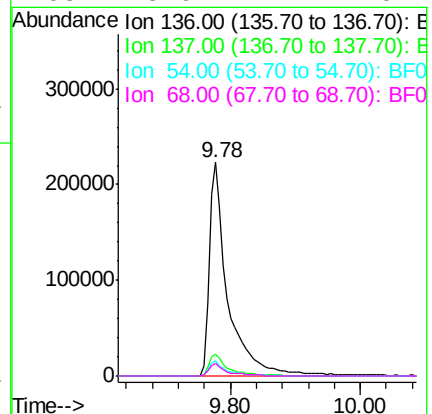
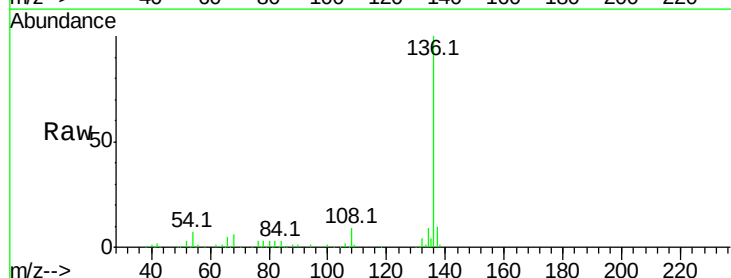
Ion Ratio Lower Upper

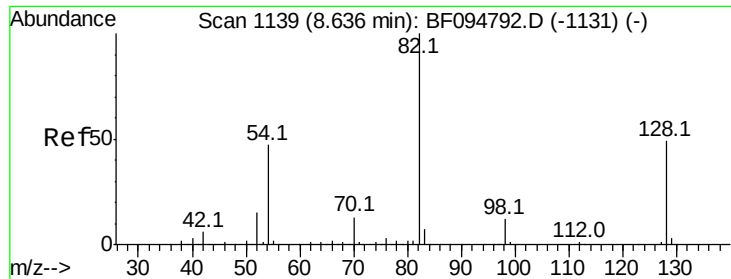
136 100

137 10.1 8.5 12.7

54 6.9 4.9 7.3

68 5.9 4.1 6.1

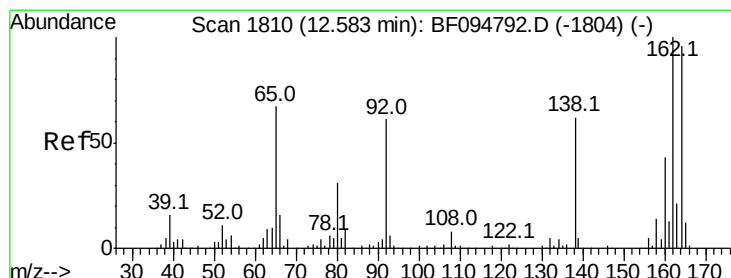
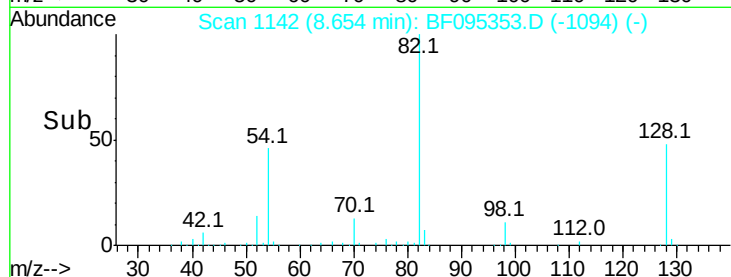
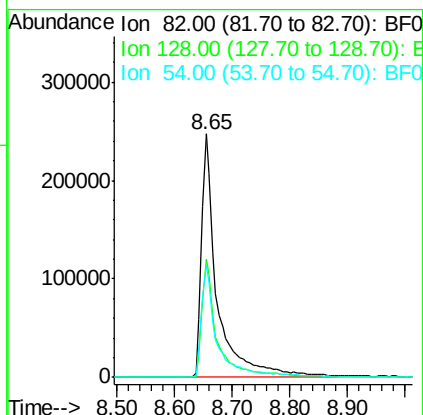
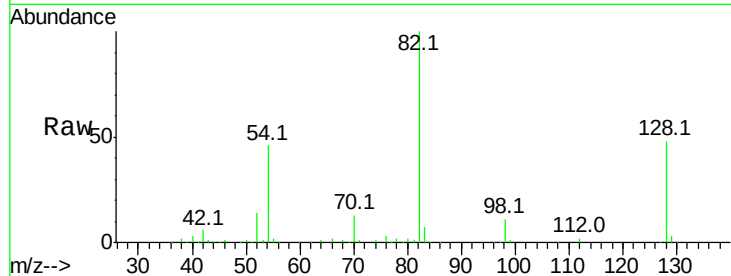




#23
 Nitrobenzene-d5
 Concen: 69.00 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095353.D
 Acq: 23 May 2017 16:13

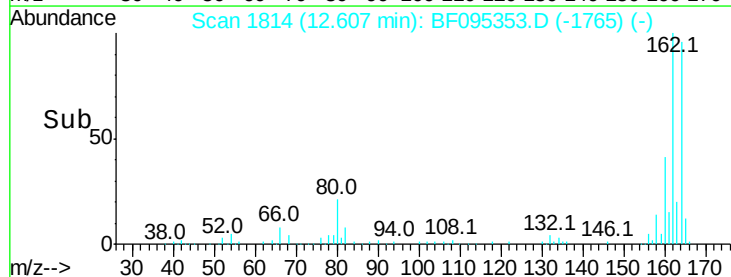
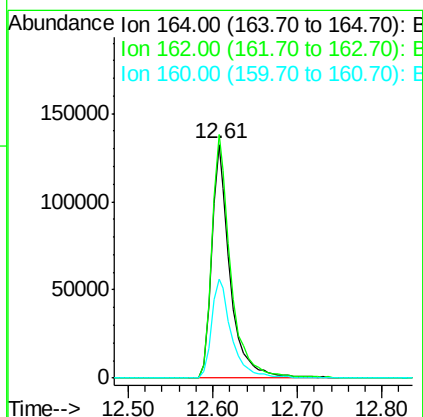
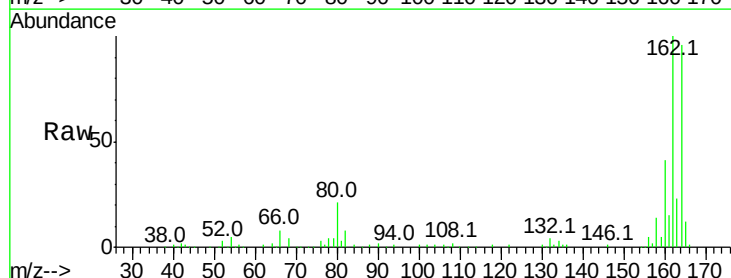
Instrument :
 BNA_F
 ClientSampleId :

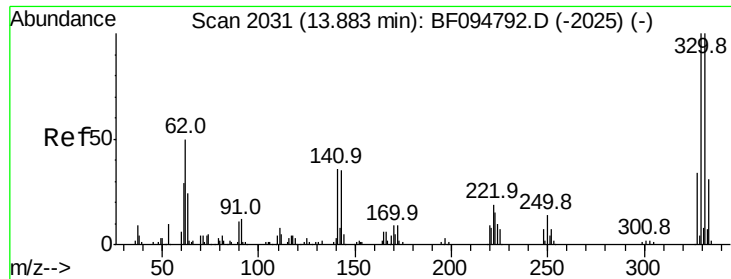
Tot Ion: 82 Resp: 478583
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.0 51.0
 54 45.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095353.D
 Acq: 23 May 2017 16:13

Tgt Ion: 164 Resp: 203762
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 42.6 36.2 54.2

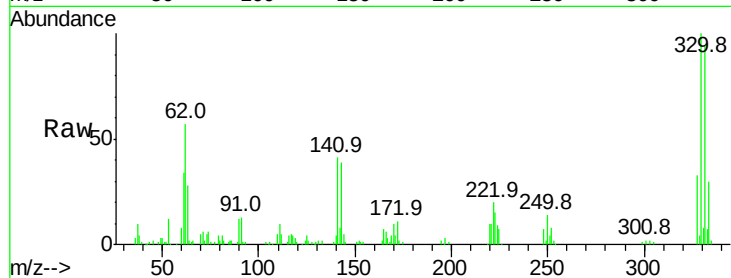




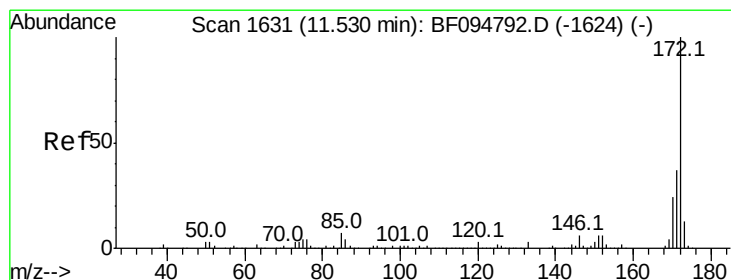
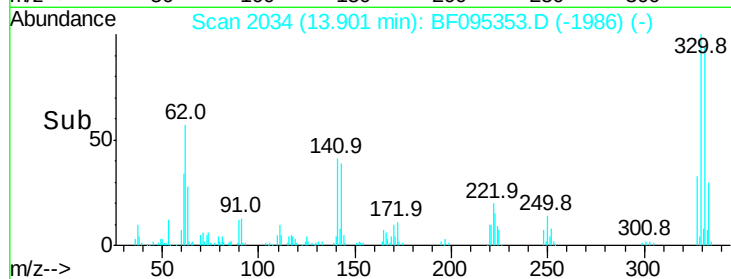
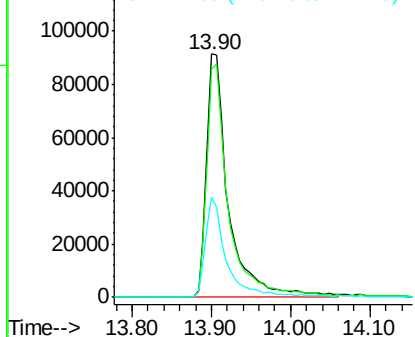
#41
 2,4,6-Tribromophenol
 Concen: 106.63 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095353.D
 Acq: 23 May 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 177932
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 39.3 31.4 47.2

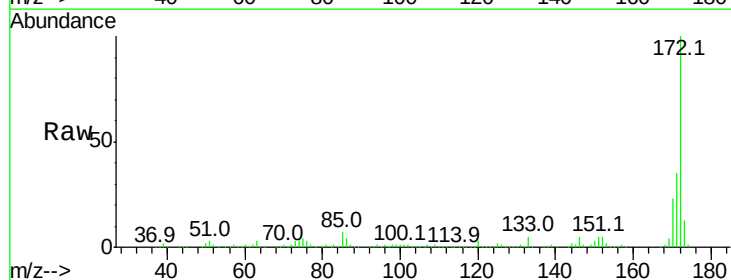


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

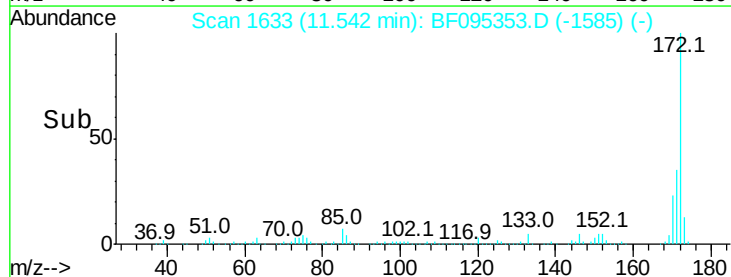
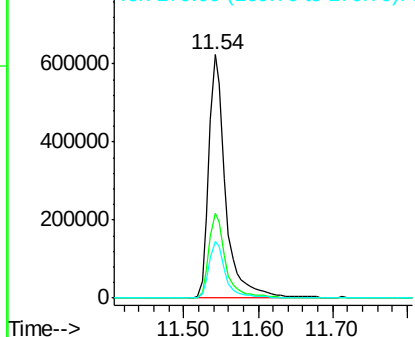


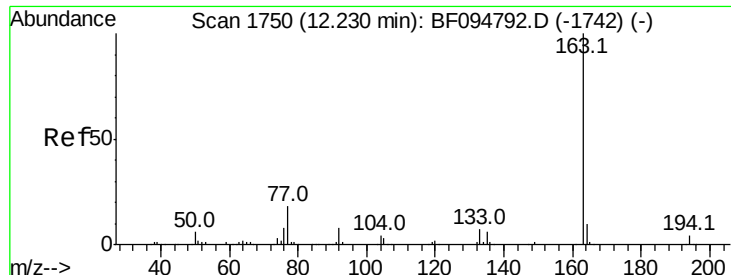
#44
 2-Fluorobiphenyl
 Concen: 69.11 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095353.D
 Acq: 23 May 2017 16:13

Tgt Ion:172 Resp: 978369
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.1 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: 9.16 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095353.D

Acq: 23 May 2017 16:13

Instrument :

BNA_F

ClientSampleId :

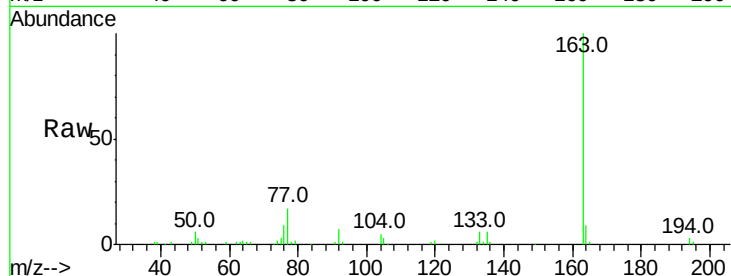
Tot Ion:163 Resp: 153291

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

164 9.3 8.4 12.6



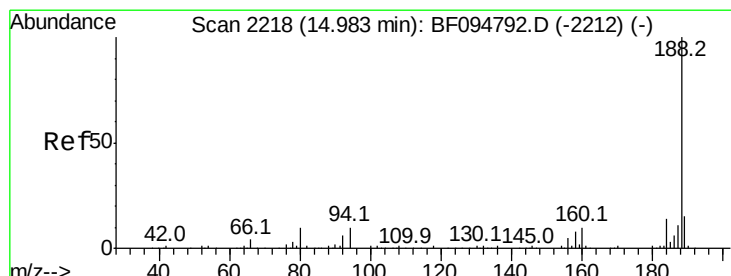
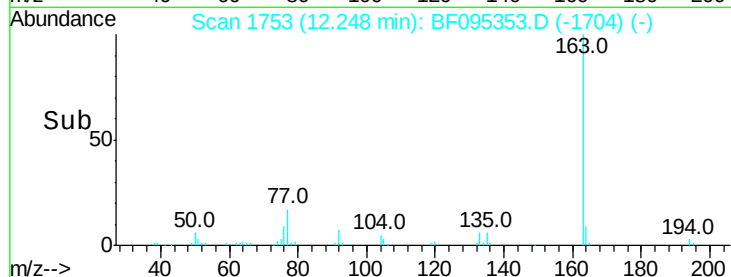
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

12.25

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095353.D

Acq: 23 May 2017 16:13

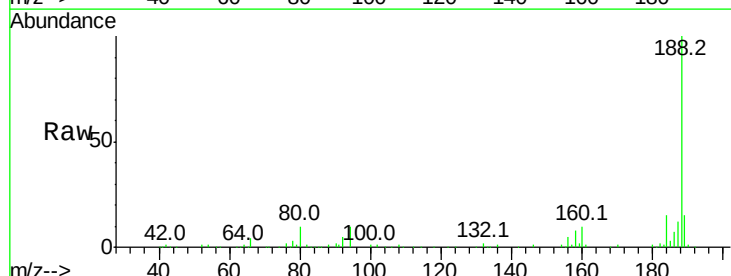
Tgt Ion:188 Resp: 350206

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

80 10.0 10.2 15.2#



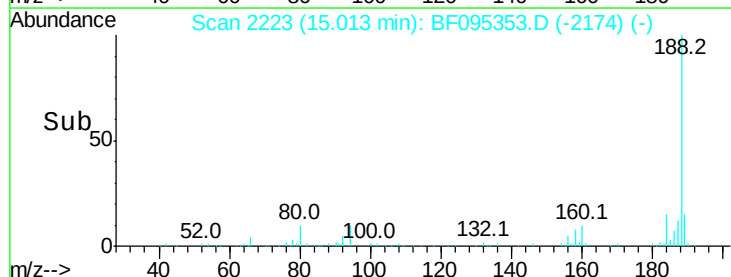
Abundance Ion 188.00 (187.70 to 188.70): E

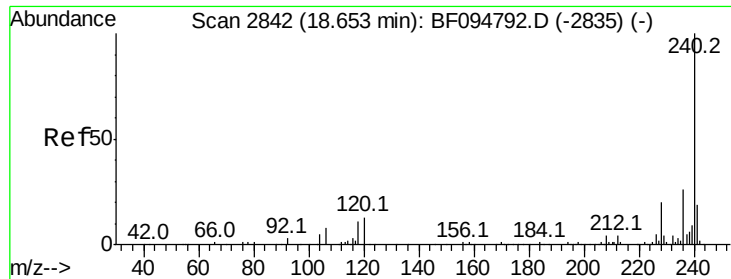
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

15.01

Time-->

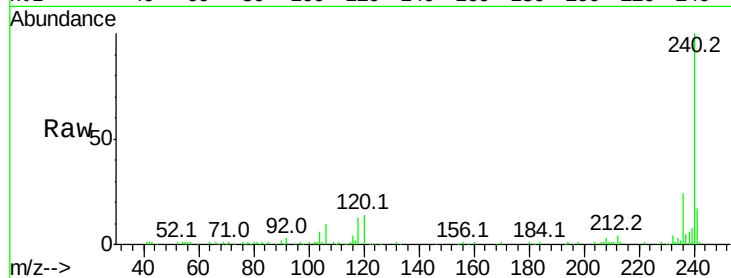




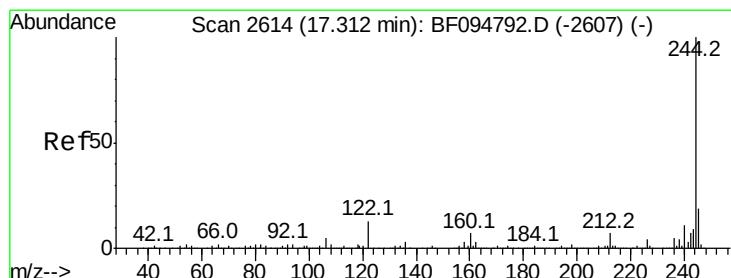
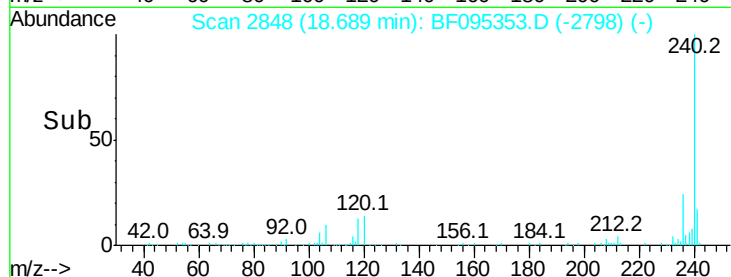
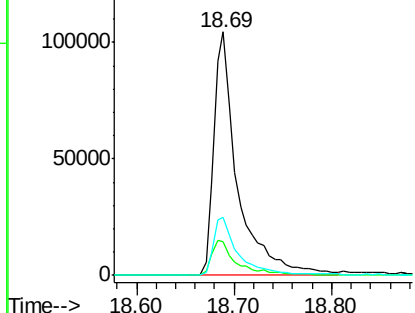
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095353.D
 Acq: 23 May 2017 16:13

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:240 Resp: 177271
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 23.8 20.5 30.7

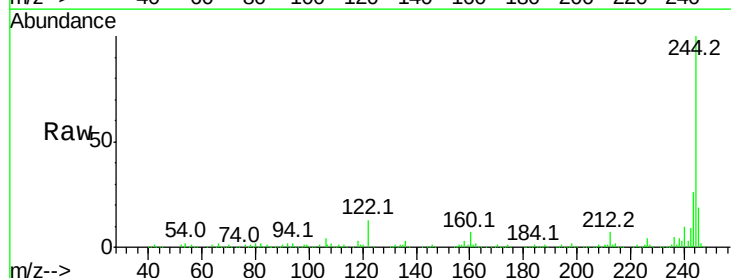


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

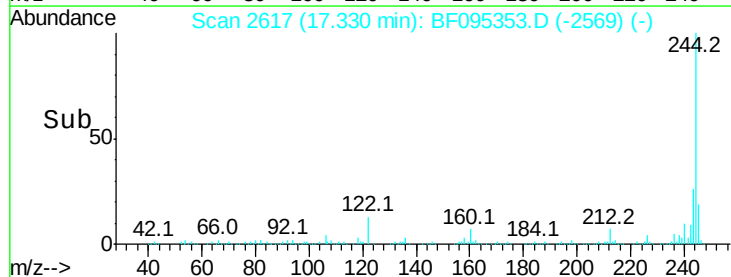
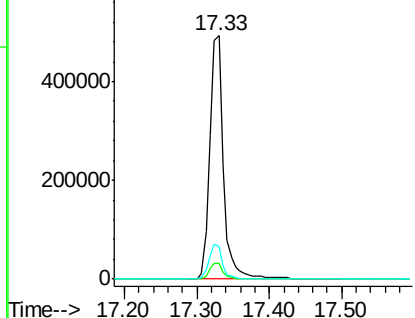


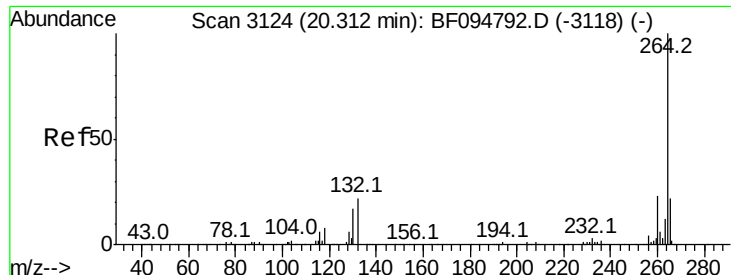
#78
 Terphenyl-d14
 Concen: 80.93 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095353.D
 Acq: 23 May 2017 16:13

Tgt Ion:244 Resp: 651342
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 13.3 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

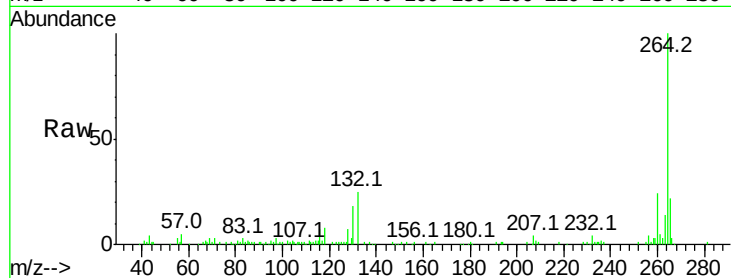




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095353.D
Acq: 23 May 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.6	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

