

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
 Data File : BF095076.D
 Acq On : 11 May 2017 1:58
 Operator : SJ/MA
 Sample : I3049-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-M4935

Quant Time: May 11 07:16:33 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

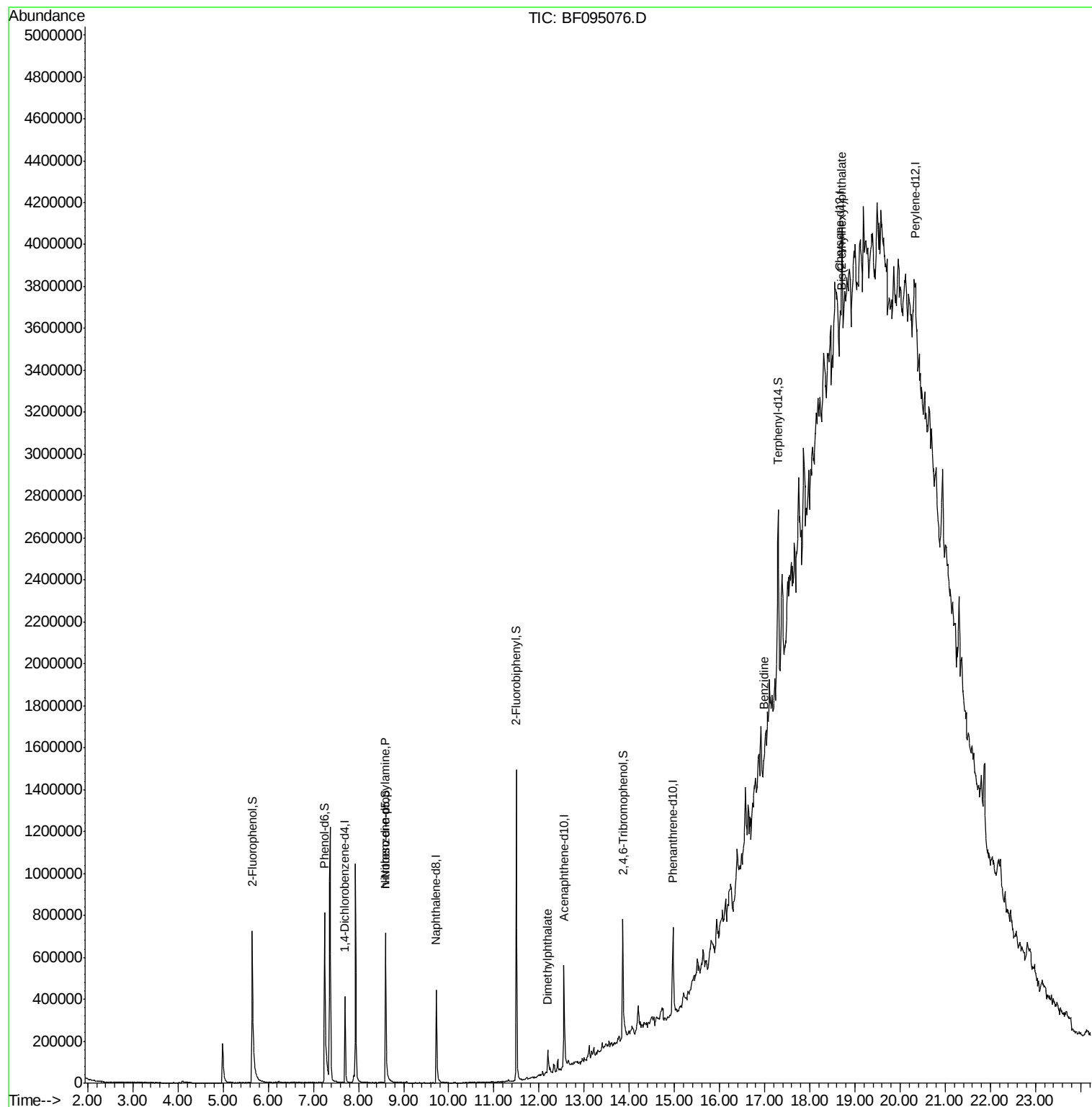
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	87444	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	344568	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	144808	20.00	ng	-0.03
63) Phenanthrene-d10	14.97	188	221849	20.00	ng	-0.02
75) Chrysene-d12	18.66	240	136943	20.00	ng	0.00
86) Perylene-d12	20.35	264	123634	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	492069	93.82	ng	-0.03
7) Phenol-d6	7.25	99	632649	100.53	ng	-0.03
23) Nitrobenzene-d5	8.60	82	374537	68.54	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	124668	105.12	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	683763	67.96	ng	-0.03
78) Terphenyl-d14	17.29	244	451937	72.69	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.60	70	45408	10.67	ng	# 77
49) Dimethylphthalate	12.20	163	83010	6.98	ng	98
76) Benzidine	16.99	184	922	6.80	ng	# 1
83) Bis(2-ethylhexyl)phthalate	18.71	149	159092	23.44	ng	# 95

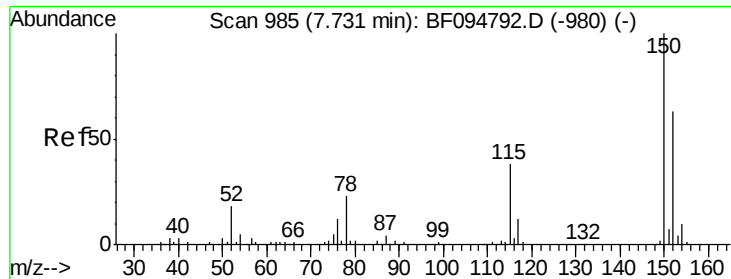
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

Instrument :

BNA_F

ClientSampleId :

DRUM-M4935

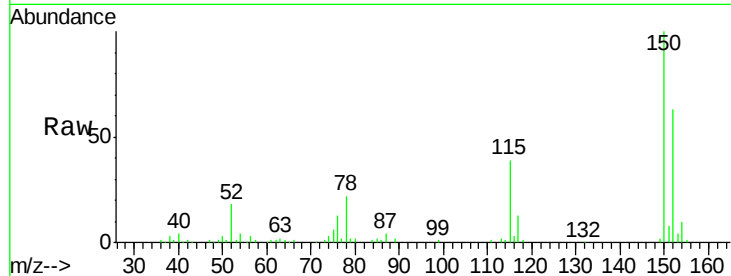
Tgt Ion:152 Resp: 87444

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

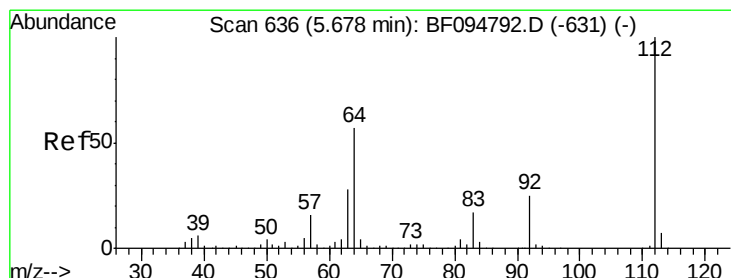
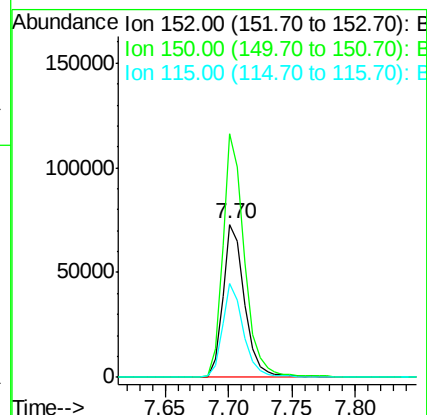
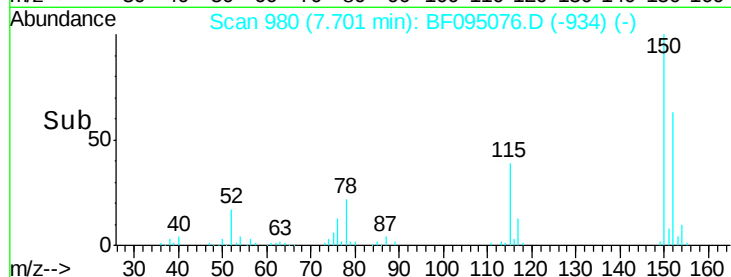
115 61.7 52.2 78.2



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: 93.82 ng

RT: 5.65 min Scan# 631

Delta R.T. -0.03 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

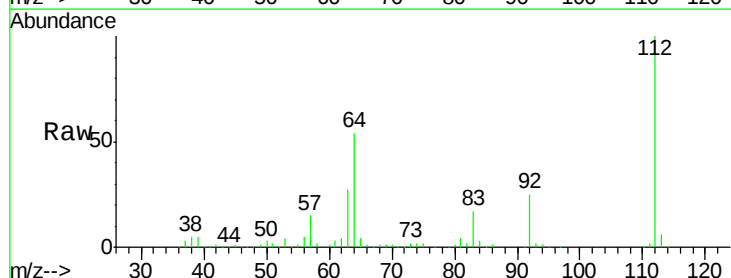
Tgt Ion:112 Resp: 492069

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

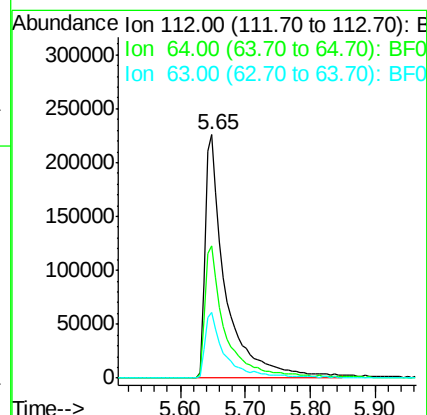
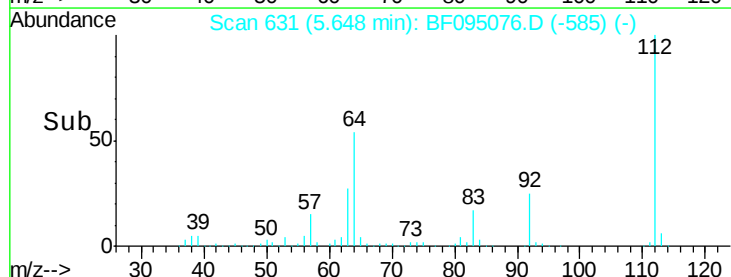
63 27.0 23.4 35.0

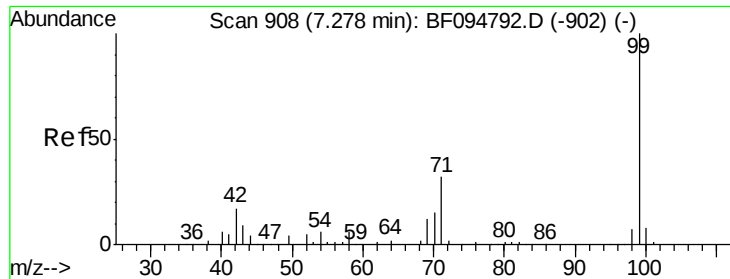


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.53 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

Instrument :

BNA_F

ClientSampleId :

DRUM-M4935

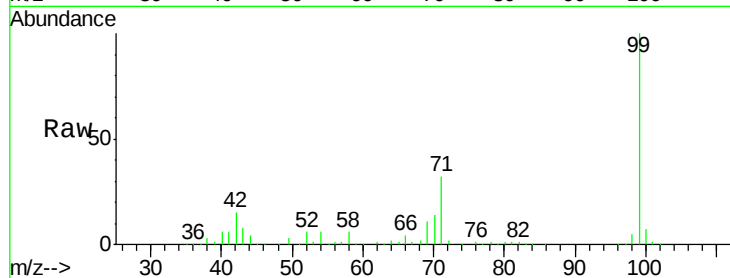
Tgt Ion: 99 Resp: 632649

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

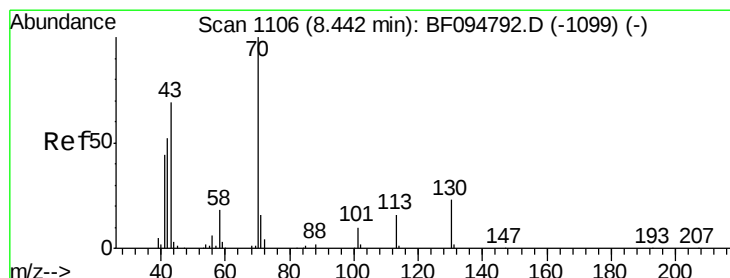
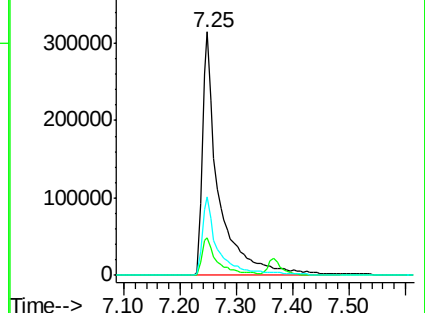
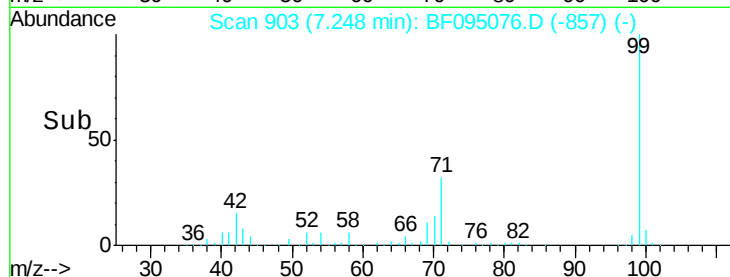
71 32.0 24.5 36.7



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: 10.67 ng

RT: 8.60 min Scan# 1133

Delta R.T. 0.16 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

Tgt Ion: 70 Resp: 45408

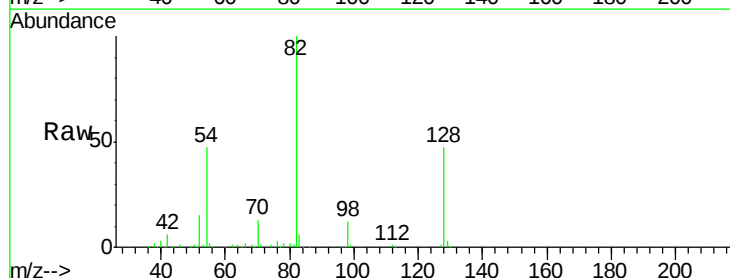
Ion Ratio Lower Upper

70 100

42 46.6 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

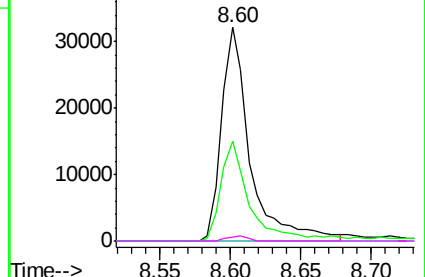
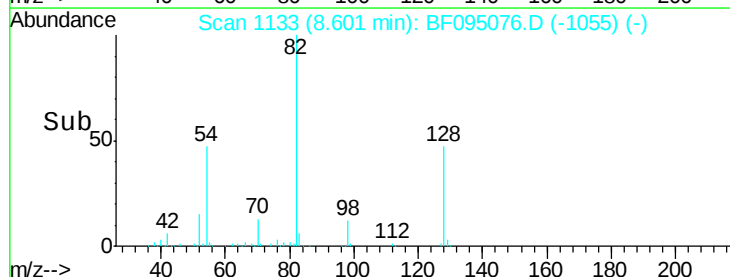


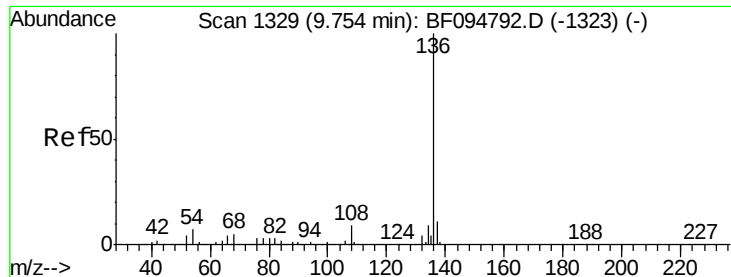
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

Instrument :

BNA_F

ClientSampleId :

DRUM-M4935

Tgt Ion: 136 Resp: 344568

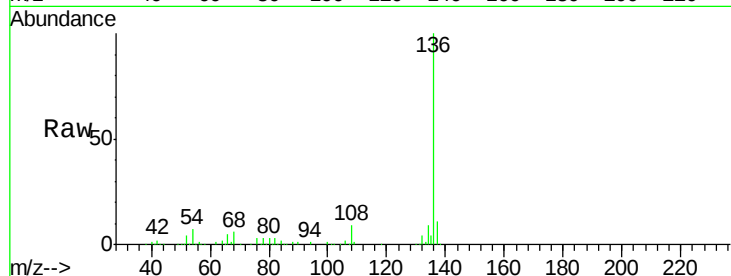
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 6.3 4.1 6.1#

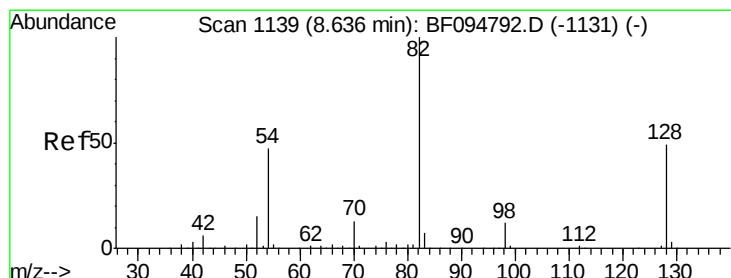
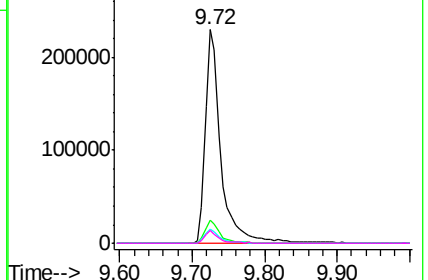
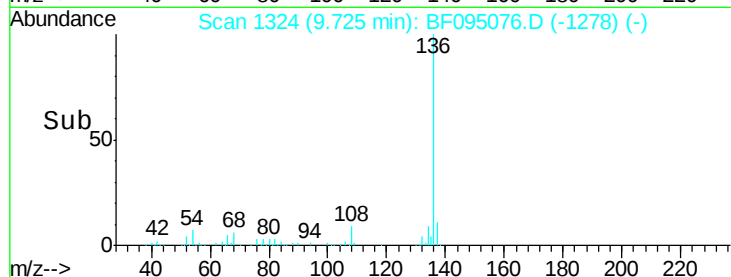


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.54 ng

RT: 8.60 min Scan# 1133

Delta R.T. -0.04 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

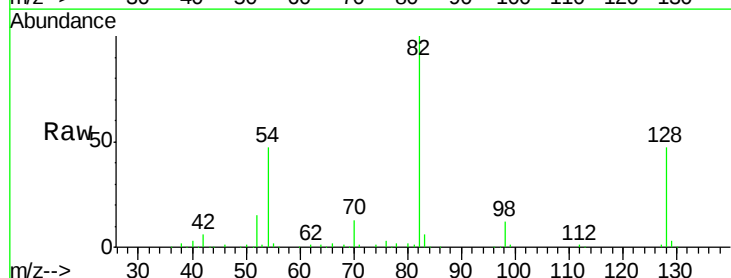
Tgt Ion: 82 Resp: 374537

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

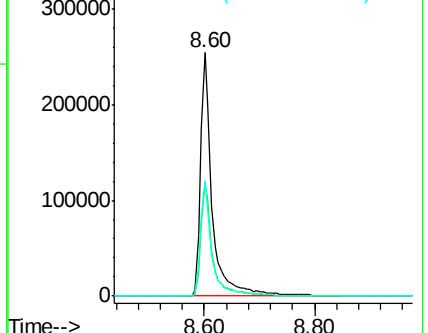
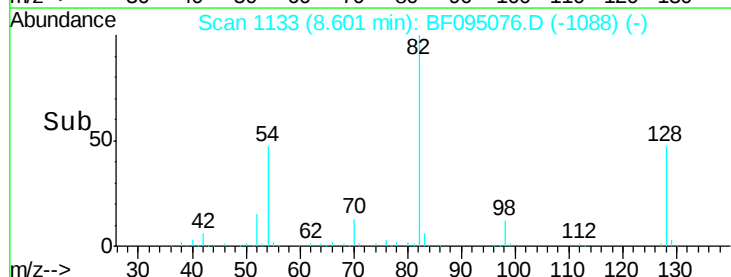
54 47.4 42.2 63.2

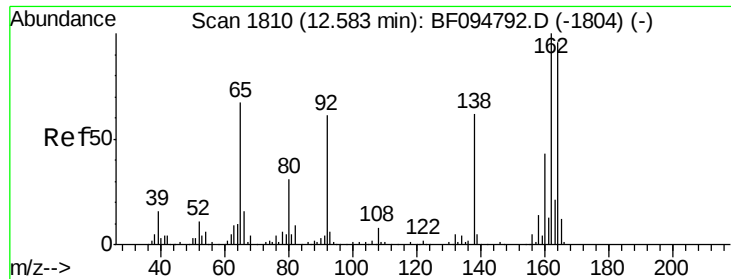


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

Instrument :

BNA_F

ClientSampleId :

DRUM-M4935

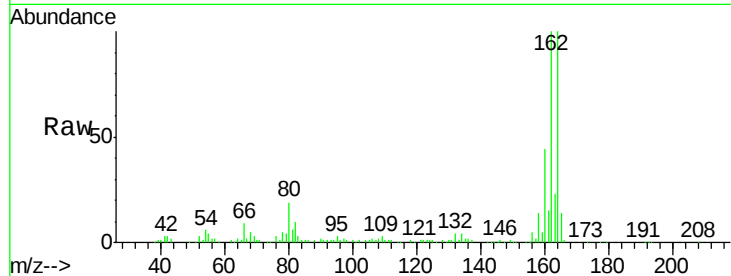
Tgt Ion:164 Resp: 144808

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

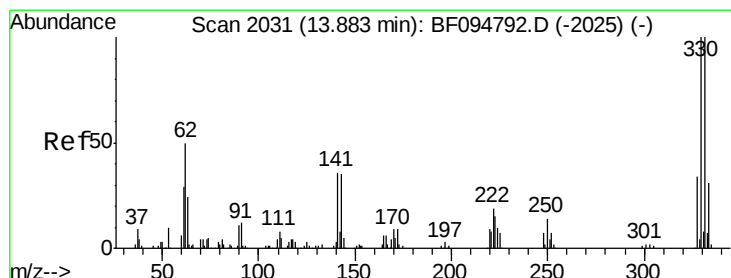
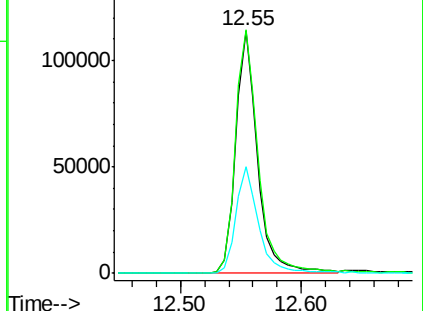
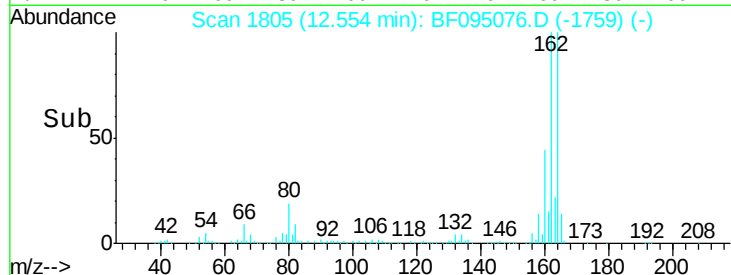
160 44.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 105.12 ng

RT: 13.85 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

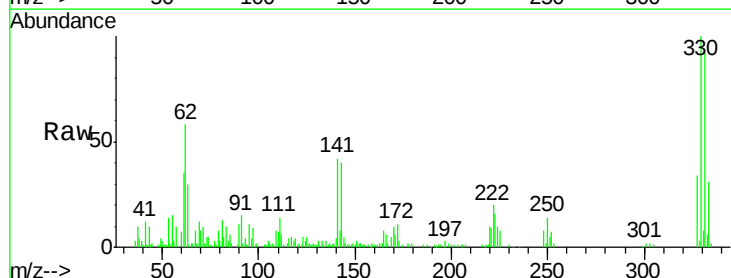
Tgt Ion:330 Resp: 124668

Ion Ratio Lower Upper

330 100

332 93.6 76.6 115.0

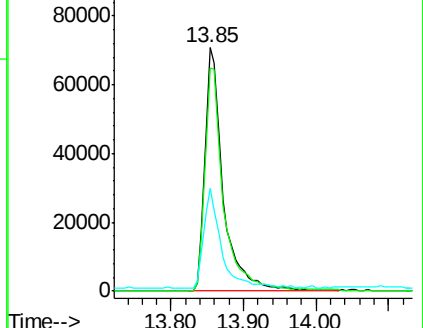
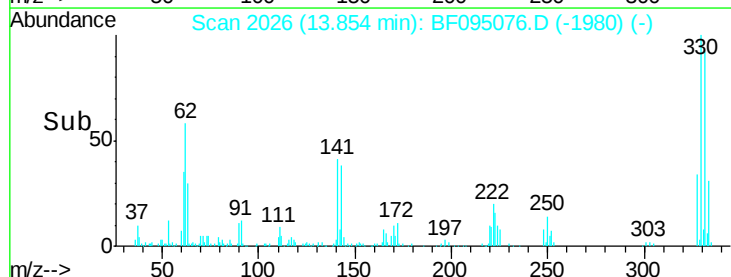
141 38.6 31.4 47.2

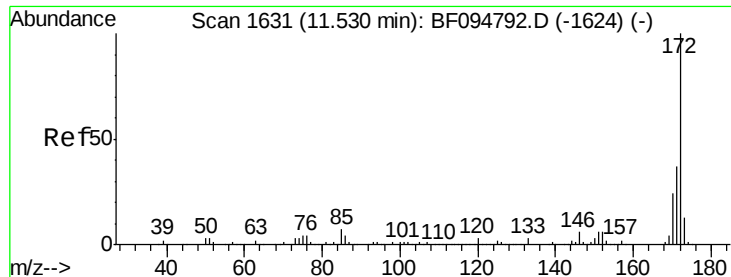


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

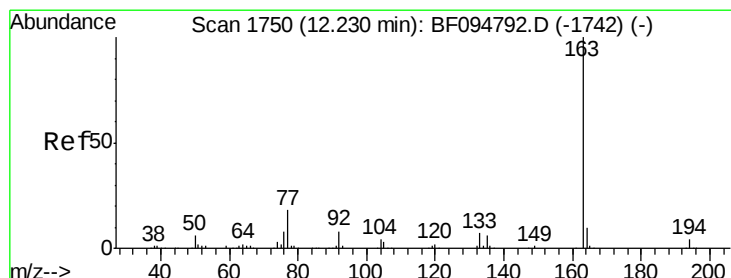
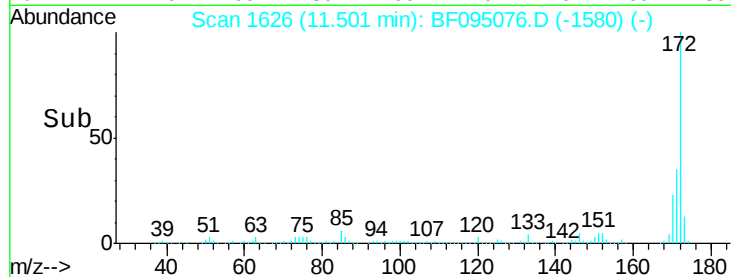
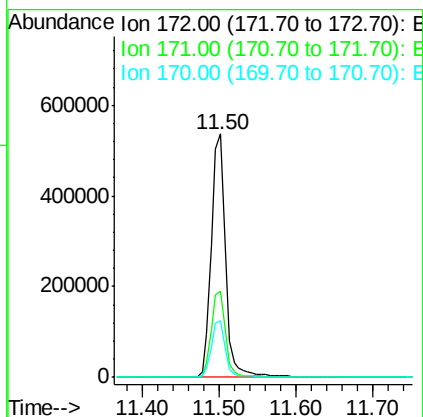
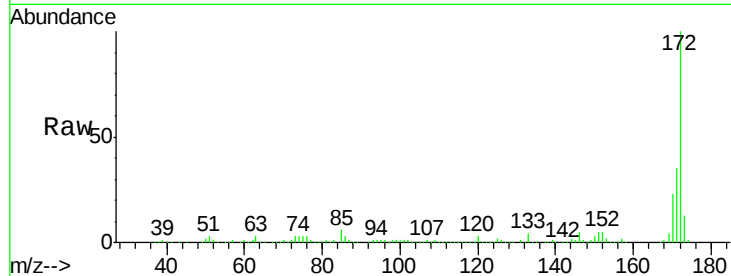




#44
 2-Fluorobiphenyl
 Concen: 67.96 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095076.D
 Acq: 11 May 2017 1:58

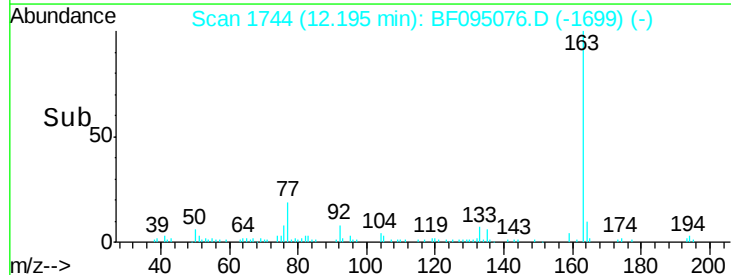
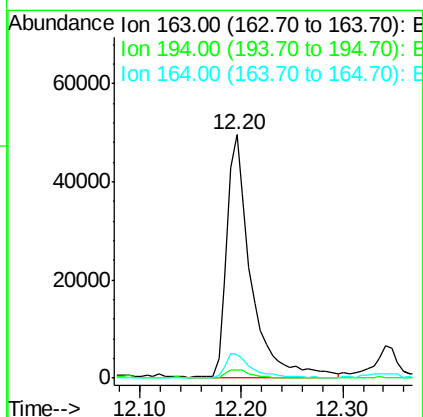
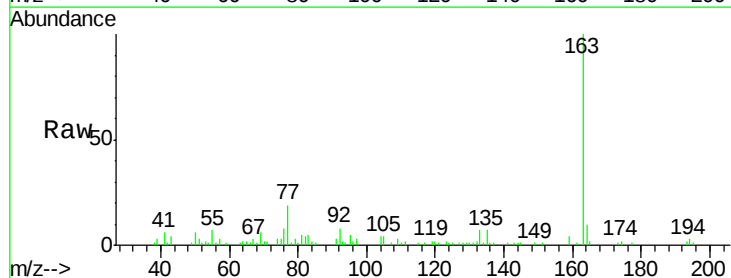
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-M4935

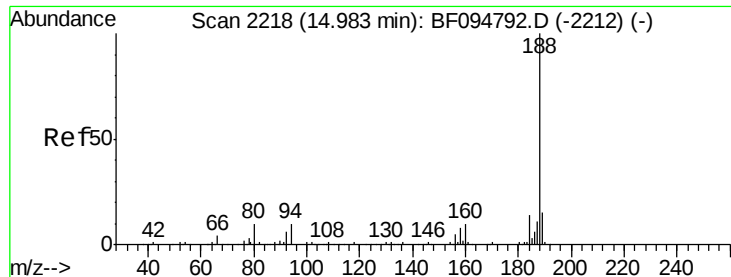
Tgt Ion:172 Resp: 683763
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 6.98 ng
 RT: 12.20 min Scan# 1744
 Delta R.T. -0.04 min
 Lab File: BF095076.D
 Acq: 11 May 2017 1:58

Tgt Ion:163 Resp: 83010
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 9.6 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

Instrument :

BNA_F

ClientSampleId :

DRUM-M4935

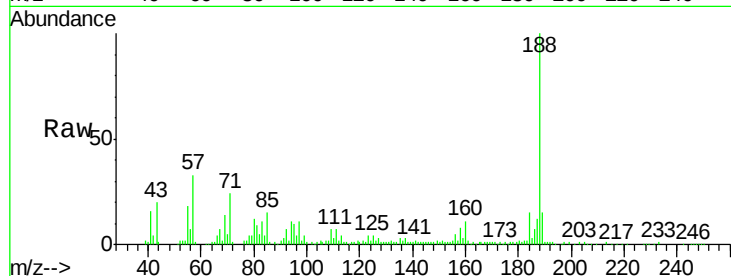
Tgt Ion:188 Resp: 221849

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

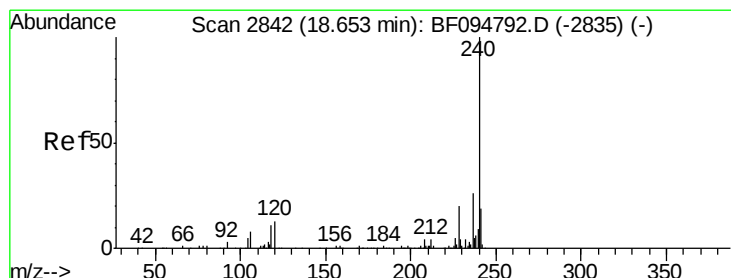
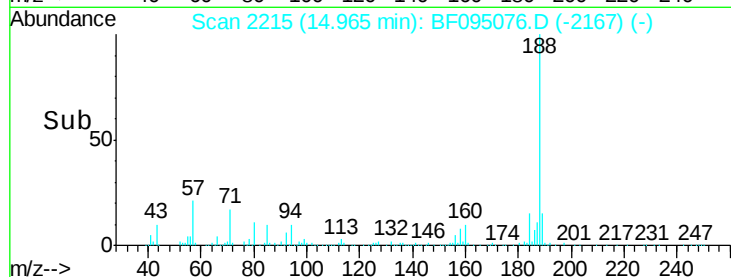
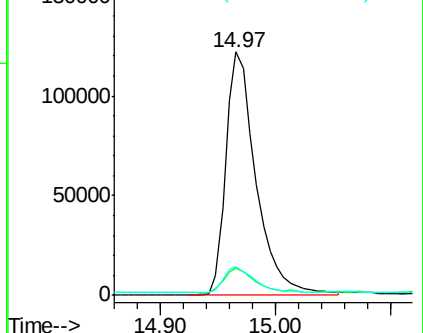
80 11.8 10.2 15.2



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: 18.66 min Scan# 2843

Delta R.T. 0.01 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

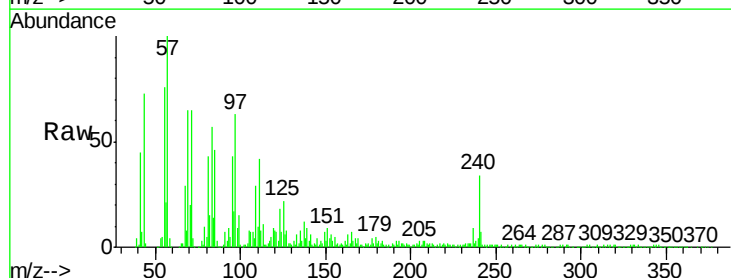
Tgt Ion:240 Resp: 136943

Ion Ratio Lower Upper

240 100

120 23.4 5.8 8.8#

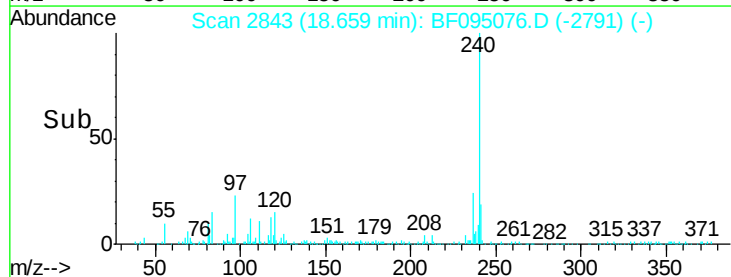
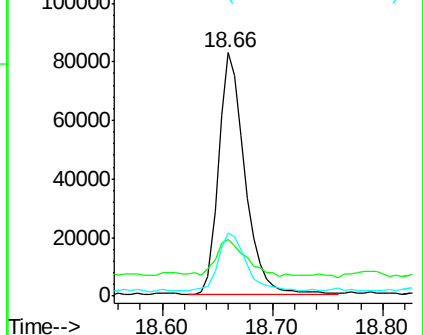
236 25.7 20.5 30.7

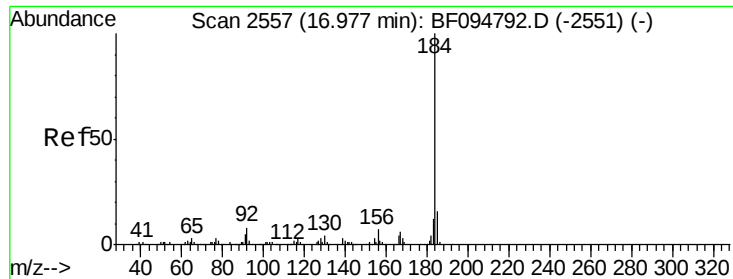


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.80 ng

RT: 16.99 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

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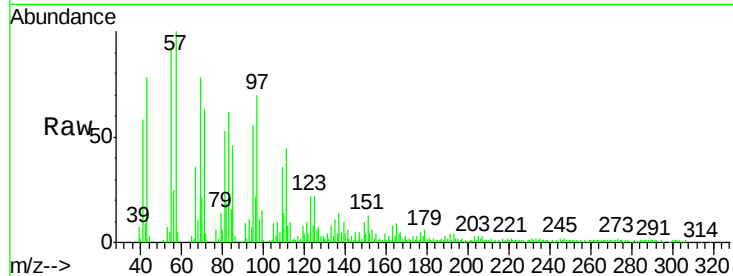
Tgt Ion:184 Resp: 922

Ion Ratio Lower Upper

184 100

185 137.1 15.5 23.3#

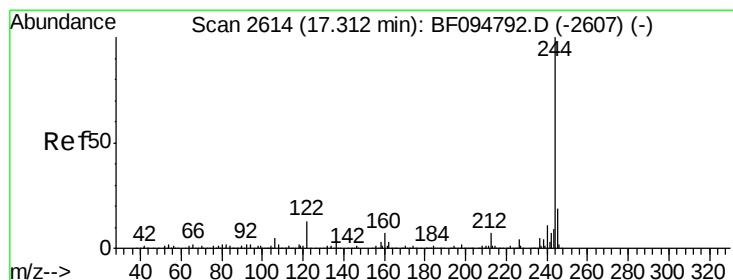
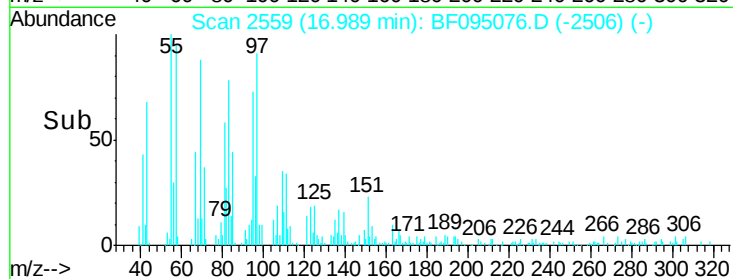
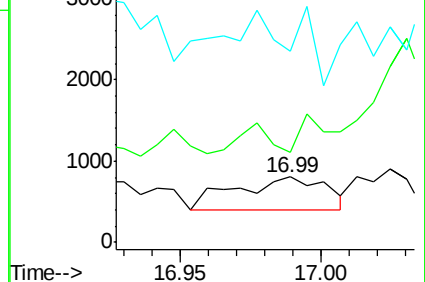
183 292.8 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 72.69 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF095076.D

Acq: 11 May 2017 1:58

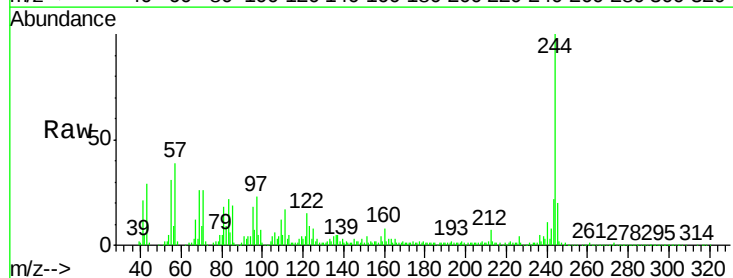
Tgt Ion:244 Resp: 451937

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

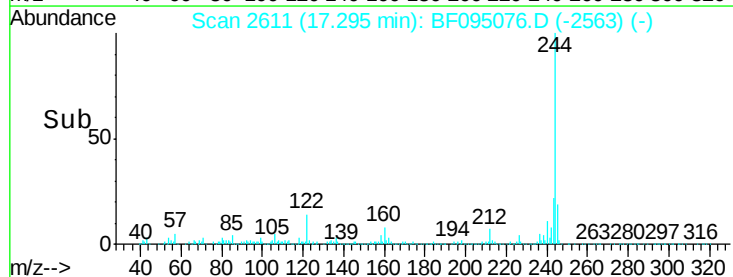
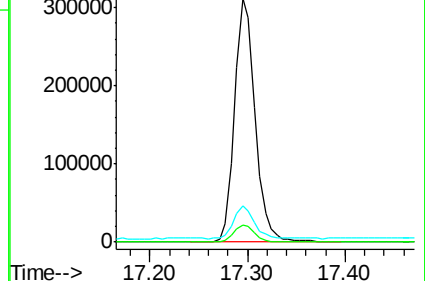
122 15.1 10.3 15.5

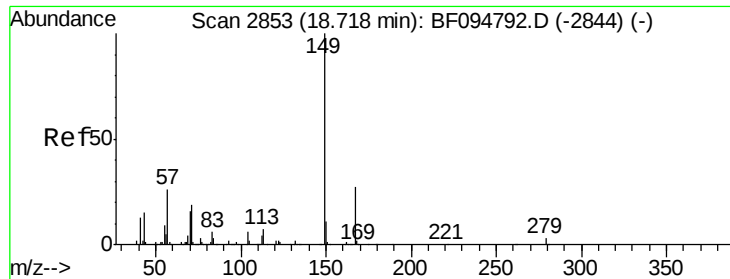


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

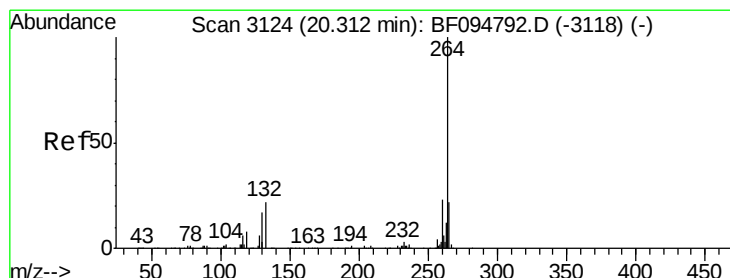
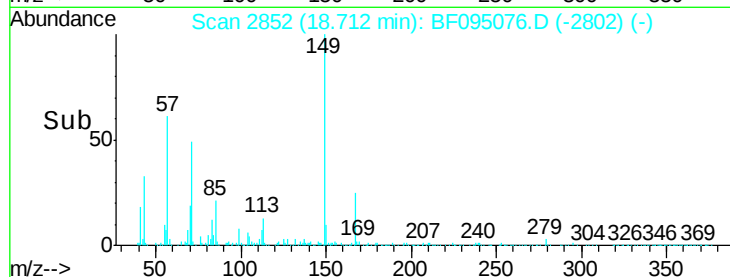
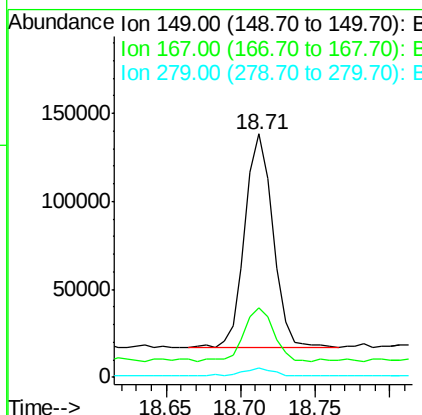
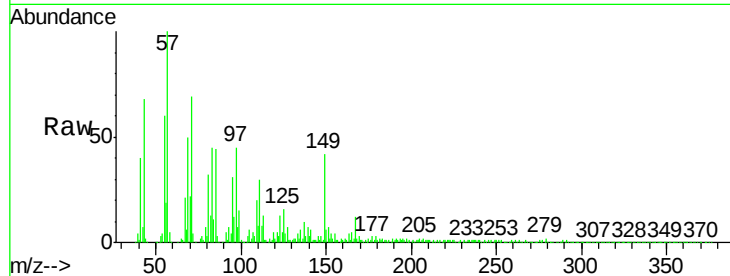




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.44 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF095076.D
 Acq: 11 May 2017 1:58

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-M4935

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.0	31.4
279	3.7	1.9	2.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3130
 Delta R.T. 0.04 min
 Lab File: BF095076.D
 Acq: 11 May 2017 1:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.2	17.2	25.8

