

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095178.D
 Acq On : 17 May 2017 2:56
 Operator : SJ/MA
 Sample : I3153-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 06:02:02 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

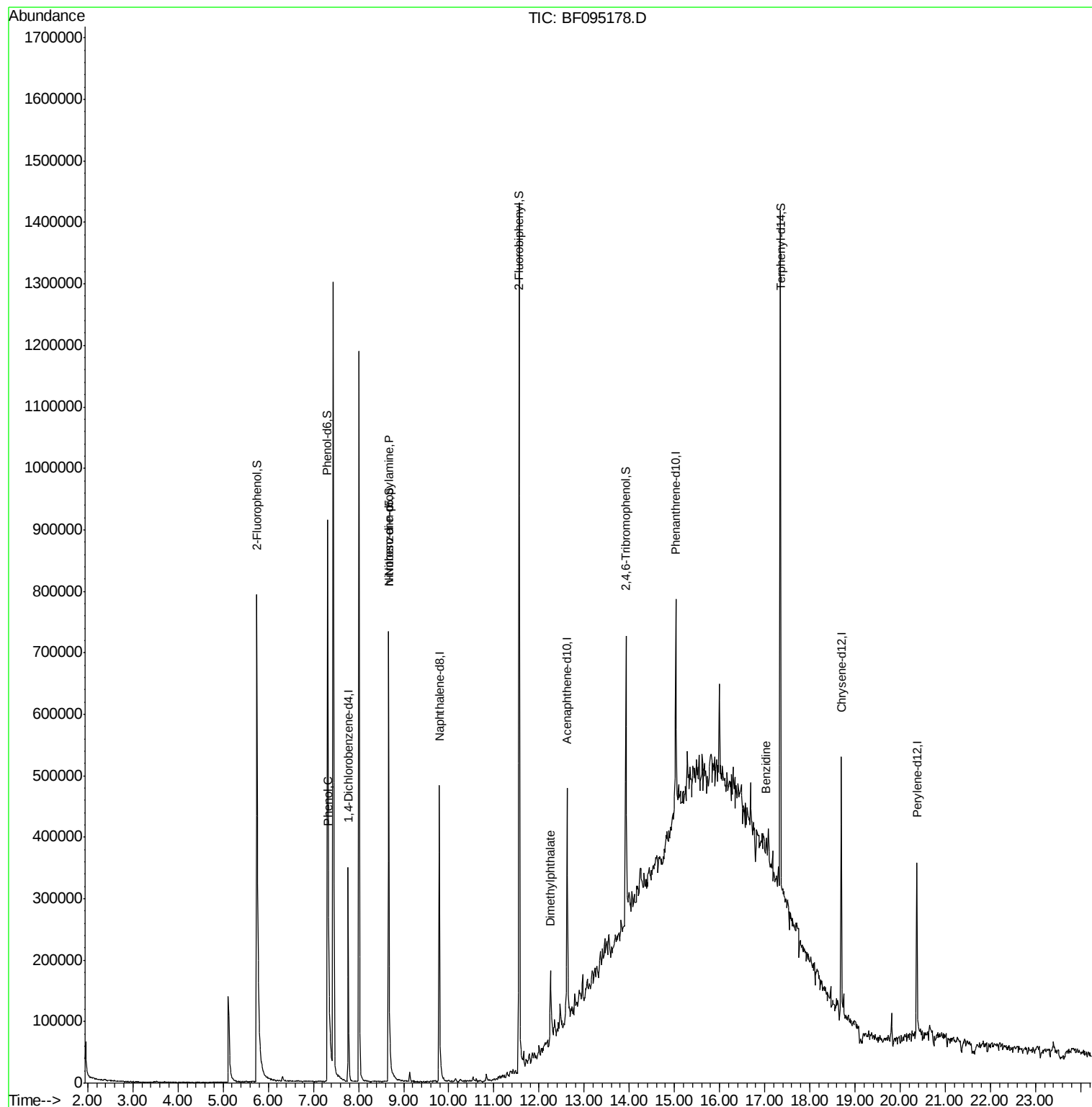
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	78461	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	349005	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	116008	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	187810	20.00	ng	0.05
75) Chrysene-d12	18.69	240	177254	20.00	ng	0.04
86) Perylene-d12	20.37	264	132878	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	563733	119.79	ng	0.06
7) Phenol-d6	7.31	99	680907	120.59	ng	0.04
23) Nitrobenzene-d5	8.67	82	383391	69.27	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	88654	93.31	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	608057	75.44	ng	0.03
78) Terphenyl-d14	17.34	244	449078	55.80	ng	0.03
Target Compounds						
10) Phenol	7.34	94	18283	3.07	ng	# 52
19) n-Nitroso-di-n-propylamine	8.67	70	47528	12.45	ng	# 73
49) Dimethylphthalate	12.25	163	88643	9.31	ng	100
76) Benzidine	17.03	184	495	6.68	ng	# 1

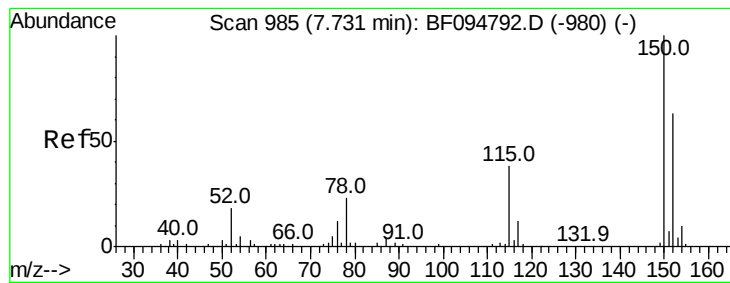
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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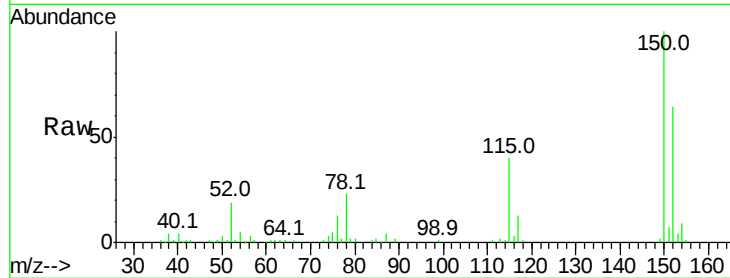


#1

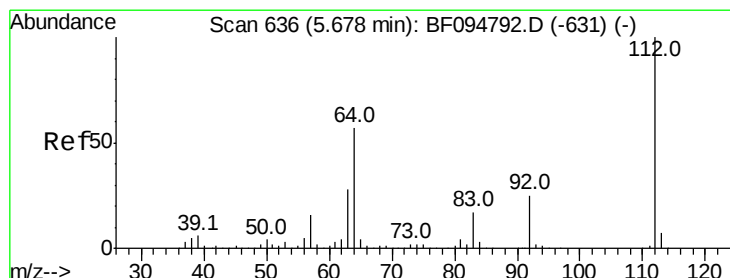
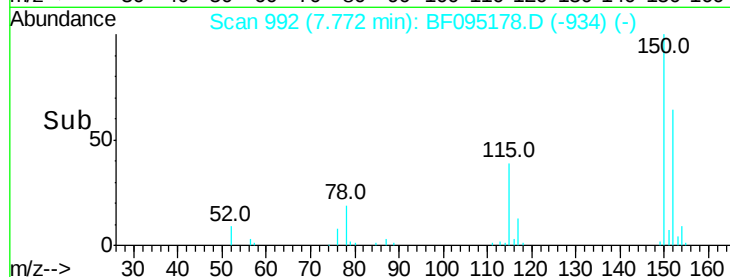
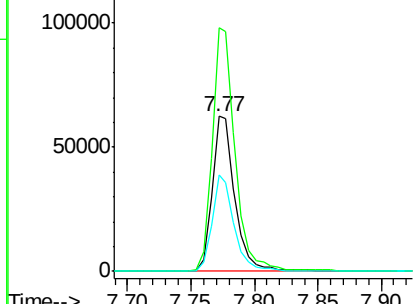
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095178.D
Acq: 17 May 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78461
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 62.2 52.2 78.2



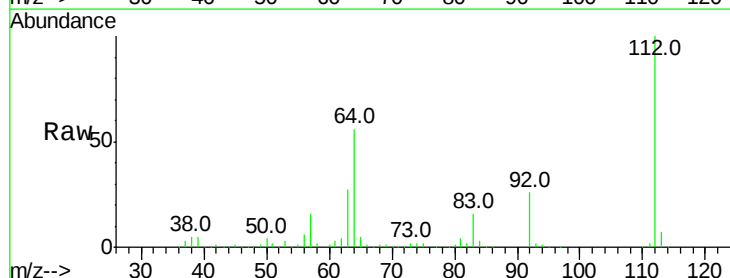
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



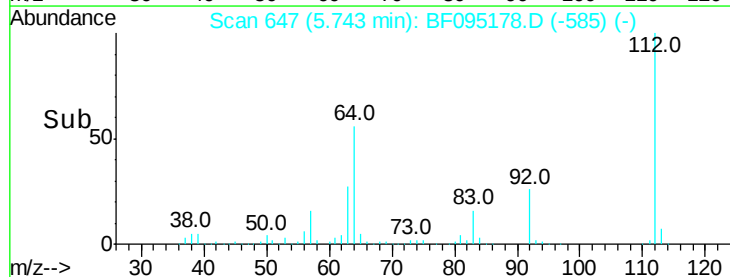
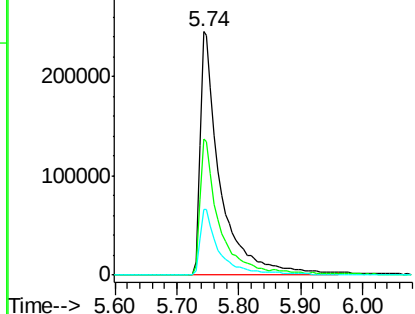
#5

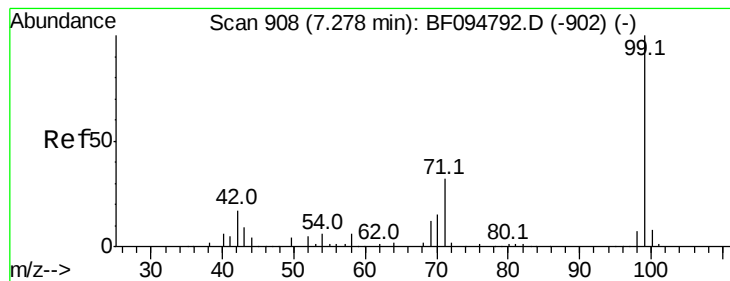
2-Fluorophenol
Concen: 119.79 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095178.D
Acq: 17 May 2017 2:56

Tgt Ion:112 Resp: 563733
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 26.9 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: 120.59 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

Instrument :

BNA_F

ClientSampled :

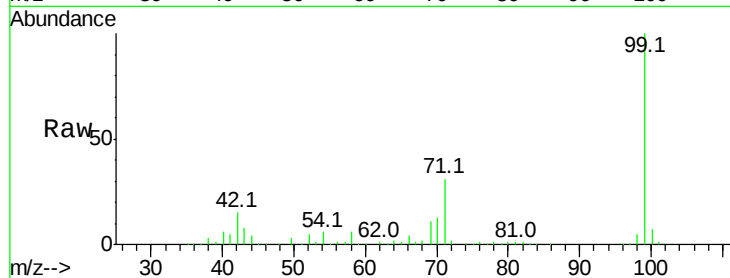
Tot Ion: 99 Resp: 680907

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

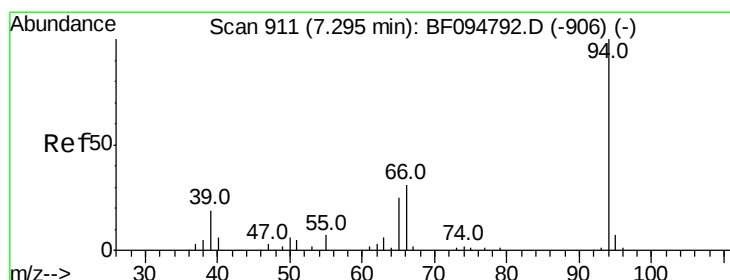
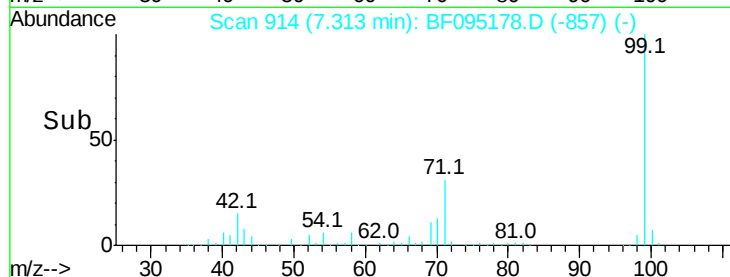
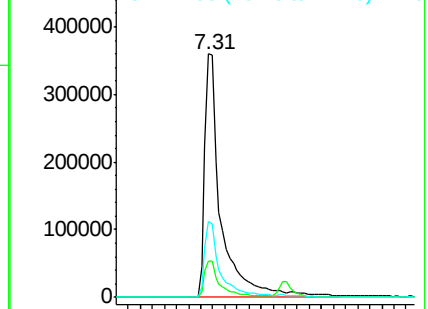
71 31.1 24.5 36.7



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: 3.07 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

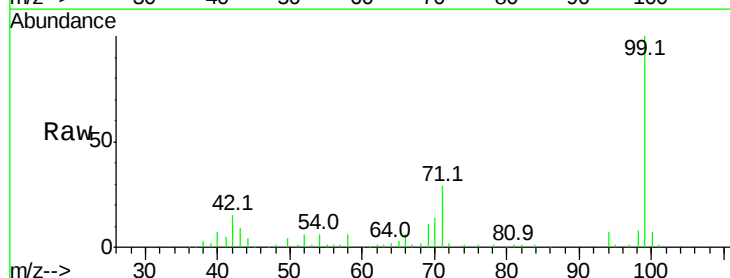
Tgt Ion: 94 Resp: 18283

Ion Ratio Lower Upper

94 100

65 37.5 9.9 49.9

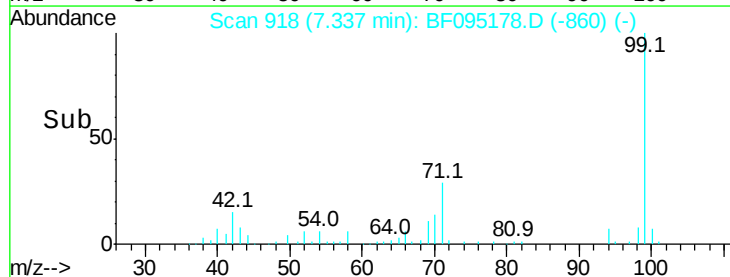
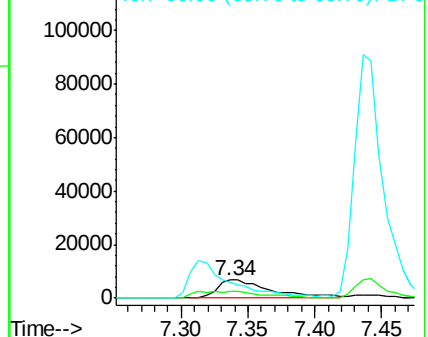
66 88.5 23.1 63.1#

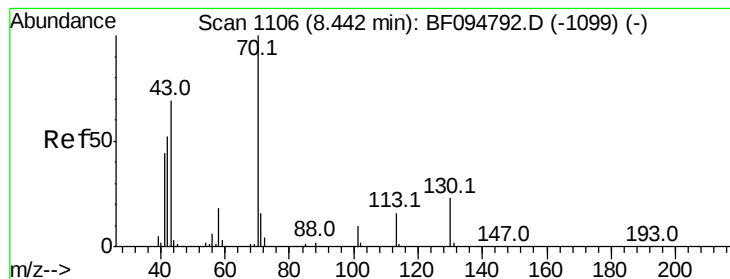


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 12.45 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.23 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 47528

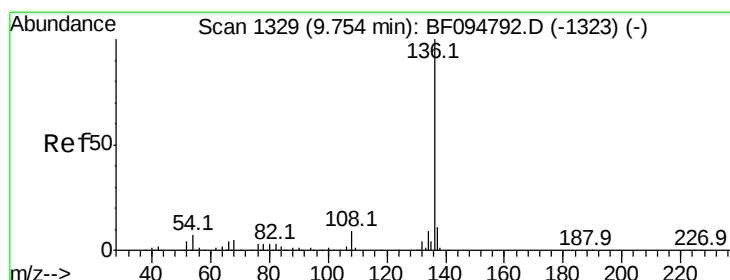
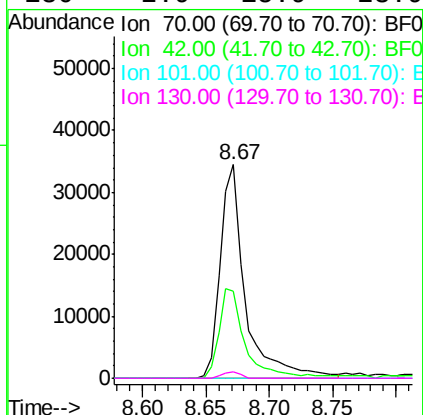
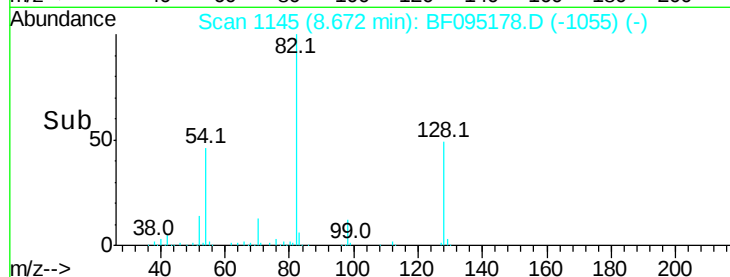
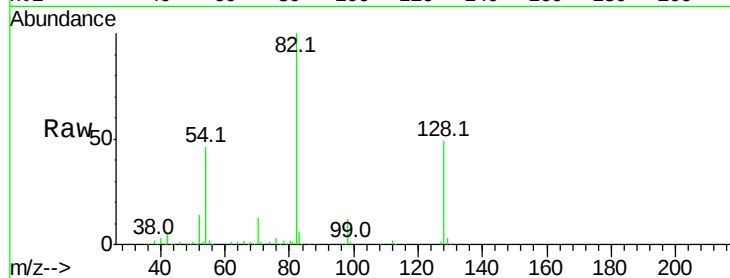
Ion Ratio Lower Upper

70 100

42 41.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

Tgt Ion: 136 Resp: 349005

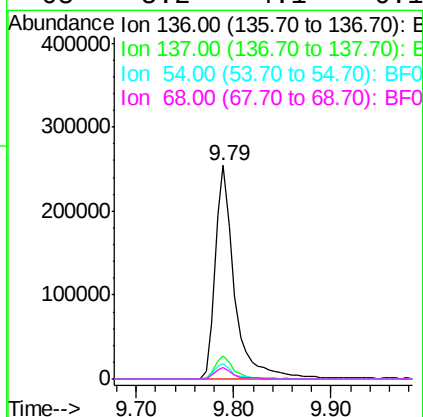
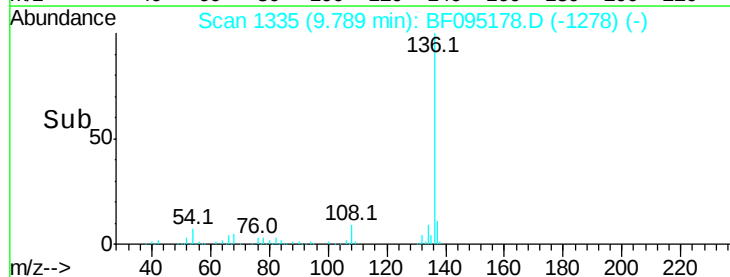
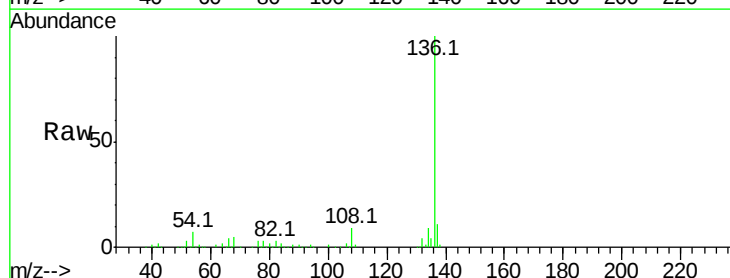
Ion Ratio Lower Upper

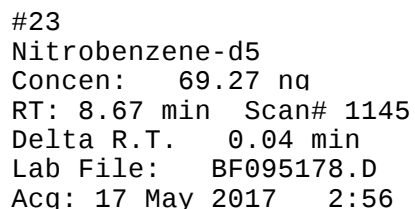
136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

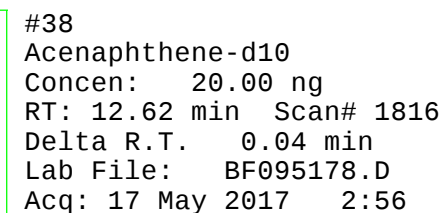
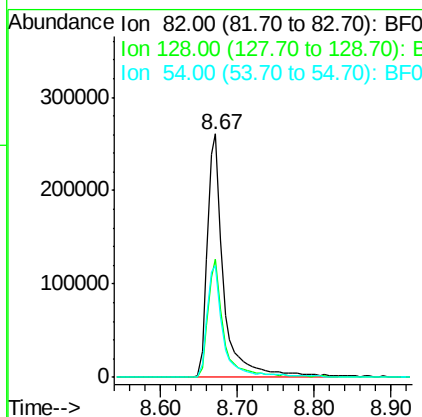
68 5.2 4.1 6.1



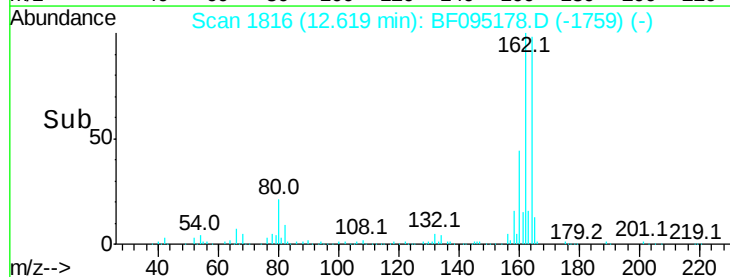
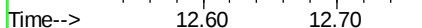
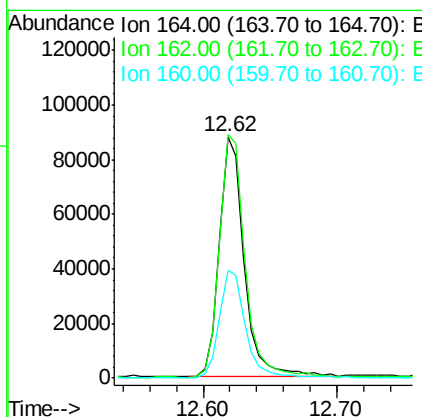


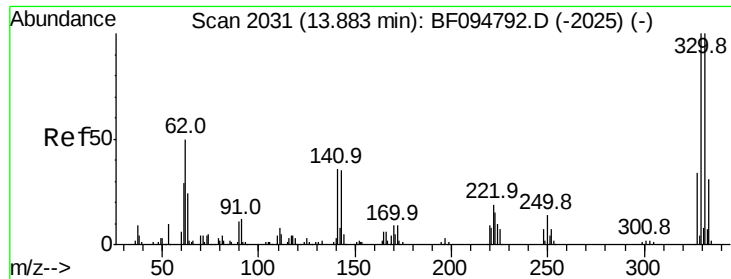
Instrument :
BNA_F
ClientSampleId :

Tot	Ion: 82	Resp:	383391
Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	45.8	42.2	63.2



Tgt	Ion:164	Resp:	116008
Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	44.5	36.2	54.2

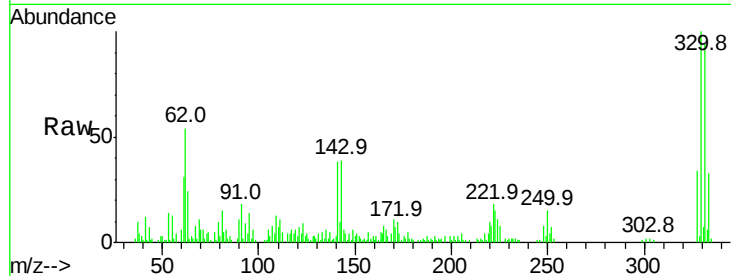




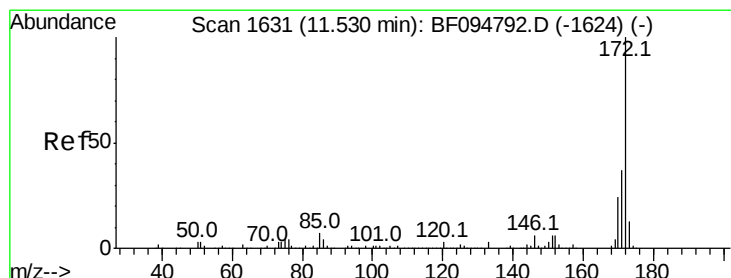
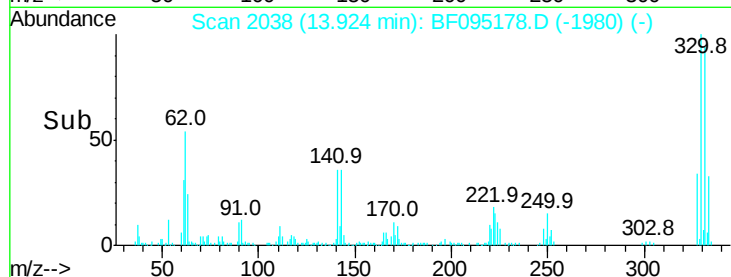
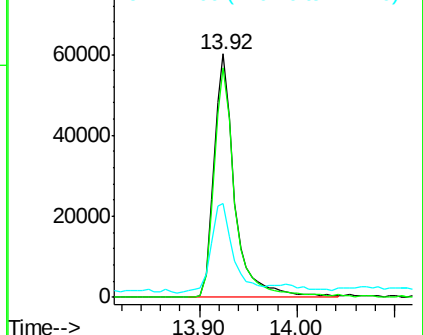
#41
 2,4,6-Tribromophenol
 Concen: 93.31 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095178.D
 Acq: 17 May 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 88654
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 40.2 31.4 47.2

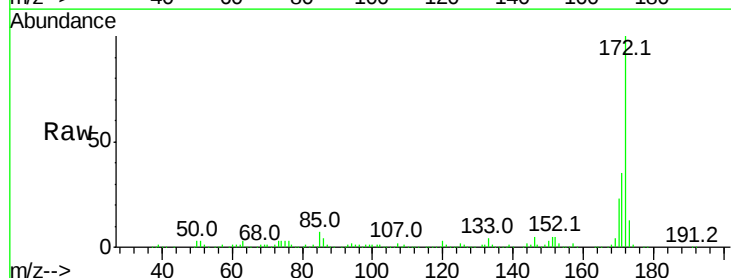


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

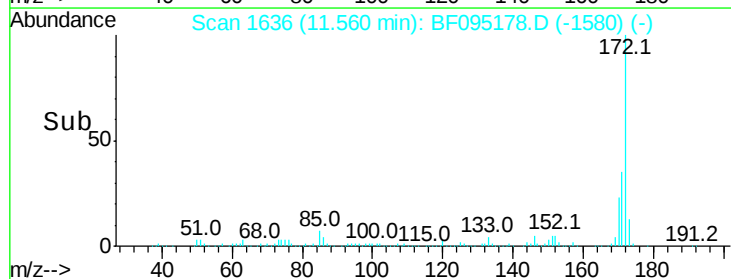
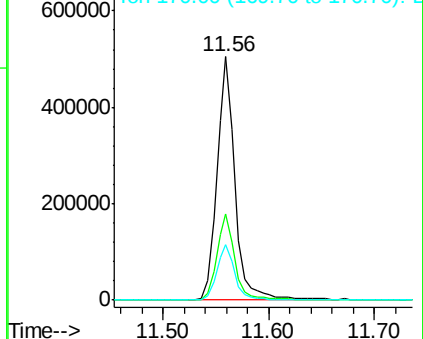


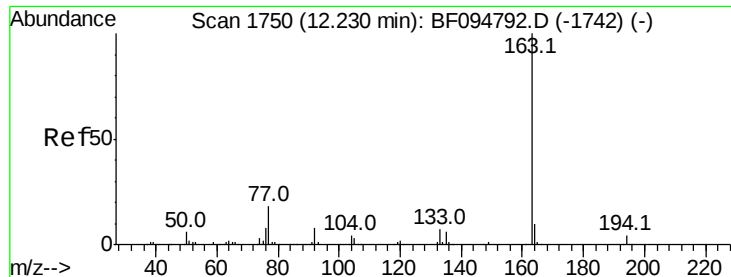
#44
 2-Fluorobiphenyl
 Concen: 75.44 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095178.D
 Acq: 17 May 2017 2:56

Tgt Ion:172 Resp: 608057
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.0 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: 9.31 ng

RT: 12.25 min Scan# 1754

Delta R.T. 0.02 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

Instrument :

BNA_F

ClientSampleId :

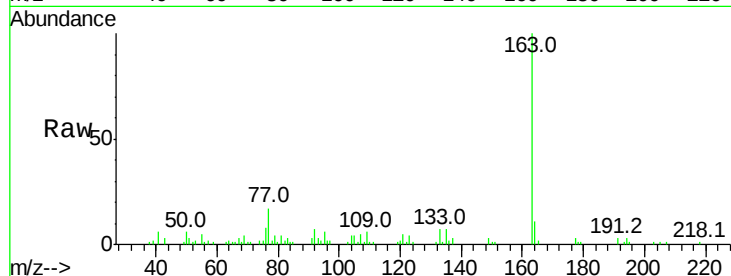
Tot Ion:163 Resp: 88643

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

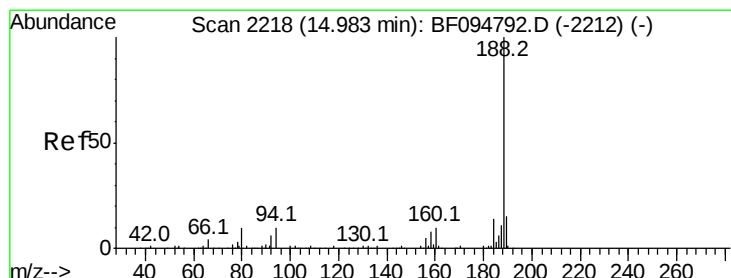
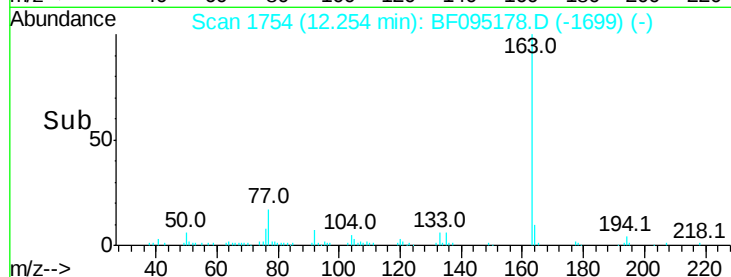
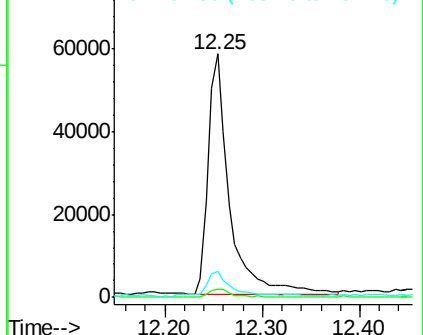
164 10.6 8.4 12.6



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: 15.03 min Scan# 2226

Delta R.T. 0.05 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

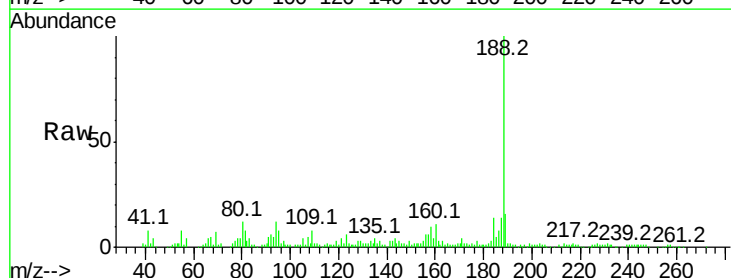
Tgt Ion:188 Resp: 187810

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

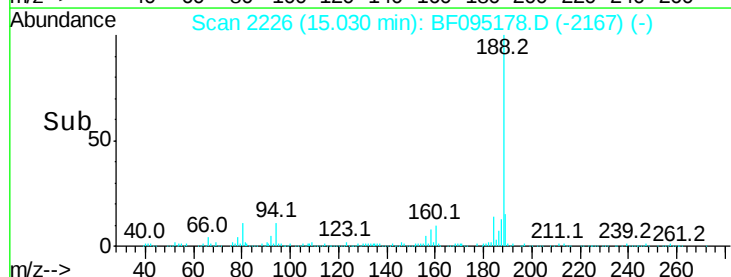
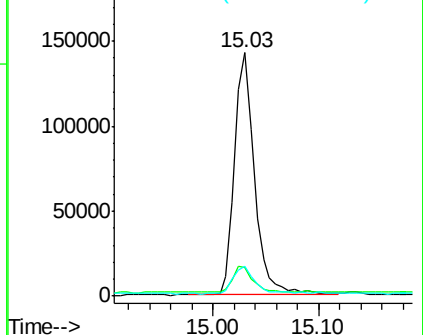
80 12.0 10.2 15.2

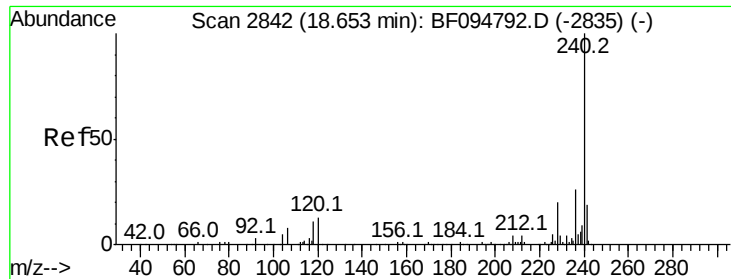


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

Instrument :

BNA_F

ClientSampleId :

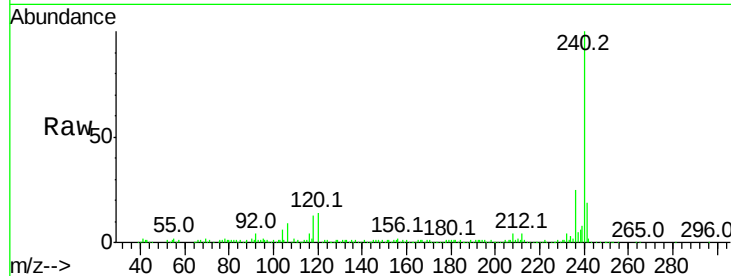
Tot Ion:240 Resp: 177254

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

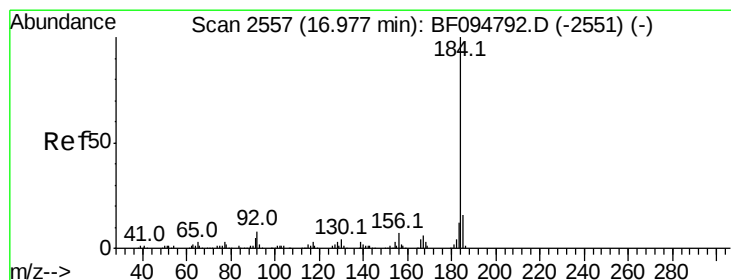
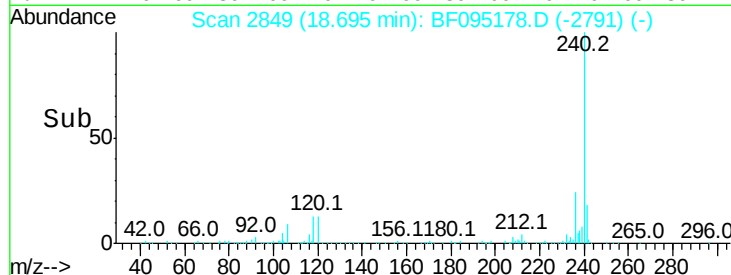
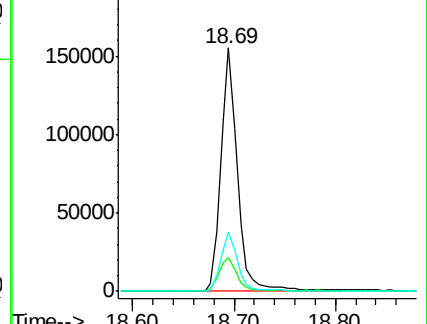
236 24.6 20.5 30.7



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



#76

Benzidine

Concen: 6.68 ng

RT: 17.03 min Scan# 2566

Delta R.T. 0.05 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

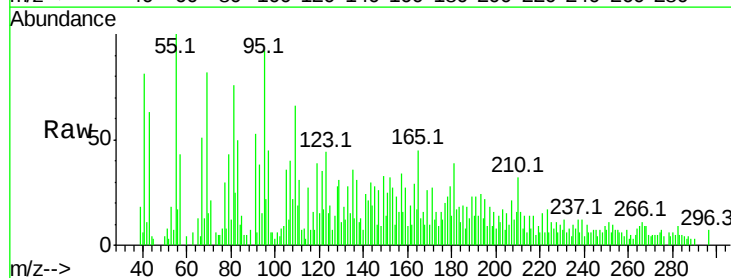
Tgt Ion:184 Resp: 495

Ion Ratio Lower Upper

184 100

185 176.9 15.5 23.3#

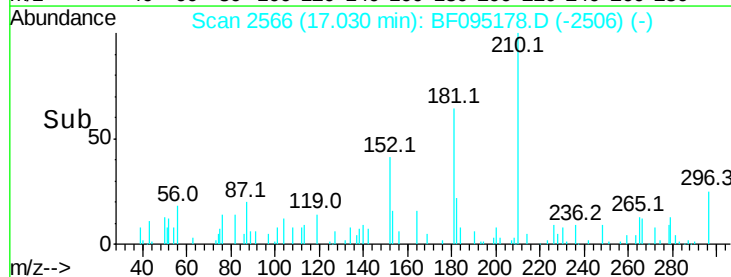
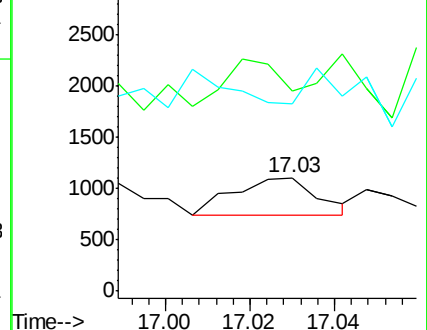
183 165.3 9.8 14.6#

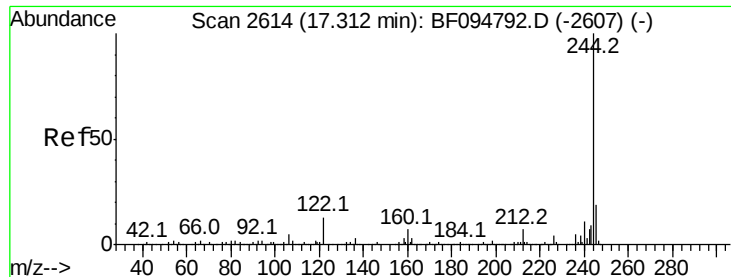


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 55.80 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

Instrument :

BNA_F

ClientSampleId :

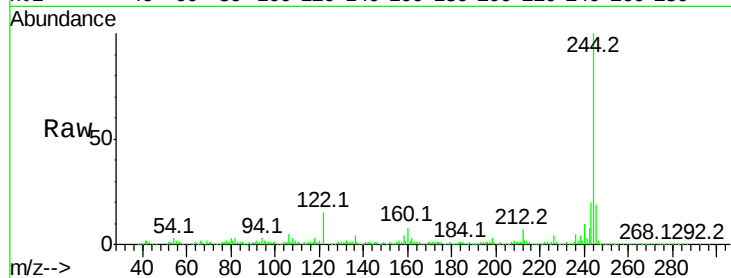
Tot Ion:244 Resp: 449078

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

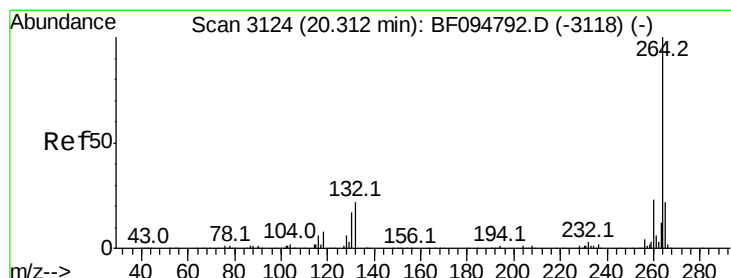
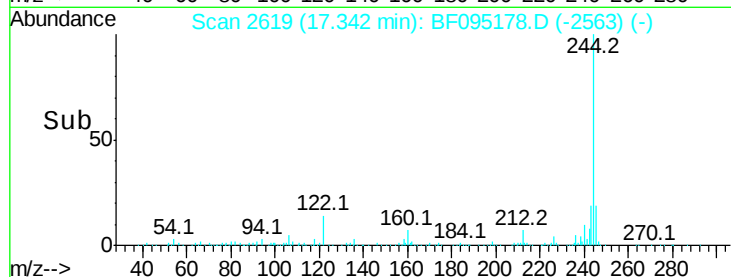
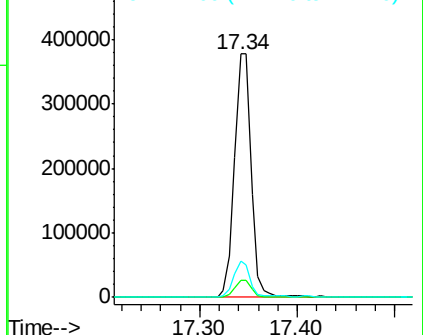
122 14.8 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. 0.06 min

Lab File: BF095178.D

Acq: 17 May 2017 2:56

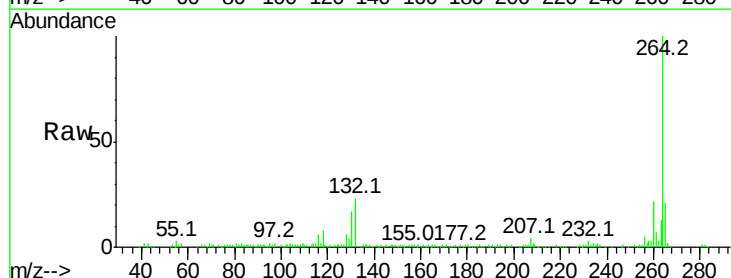
Tgt Ion:264 Resp: 132878

Ion Ratio Lower Upper

264 100

260 21.6 19.5 29.3

265 21.2 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

