

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095033.D
 Acq On : 9 May 2017 21:11
 Operator : SJ/MA
 Sample : I3014-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:16:07 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

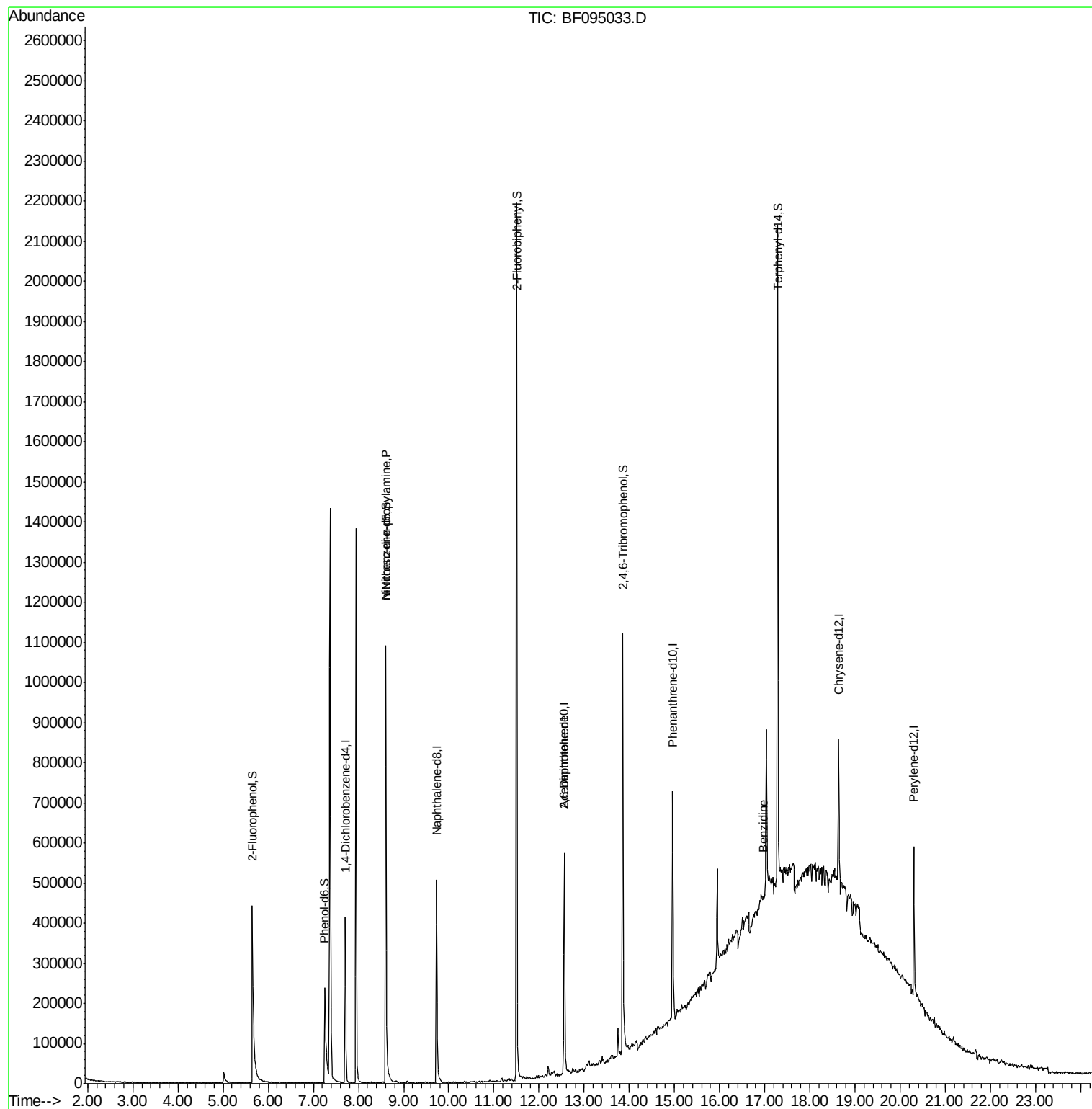
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	90106	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	373822	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	171921	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	294033	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	185811	20.00	ng	-0.02
86) Perylene-d12	20.31	264	176039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	324653	60.07	ng	-0.02
7) Phenol-d6	7.25	99	244318	37.68	ng	-0.02
23) Nitrobenzene-d5	8.61	82	542036	91.43	ng	-0.03
41) 2,4,6-Tribromophenol	13.86	330	191084	135.72	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1003094	83.98	ng	-0.02
78) Terphenyl-d14	17.29	244	686754	81.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	66753	15.22	ng	# 79
50) 2,6-Dinitrotoluene	12.56	165	19273	6.69	ng	# 31
76) Benzidine	16.97	184	153	6.62	ng	# 1

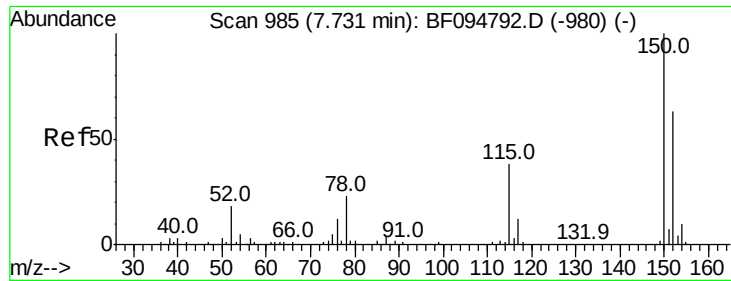
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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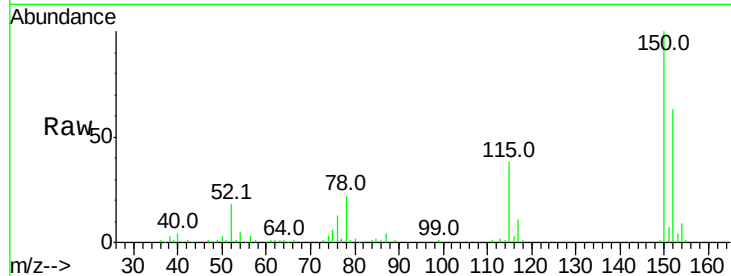


#1

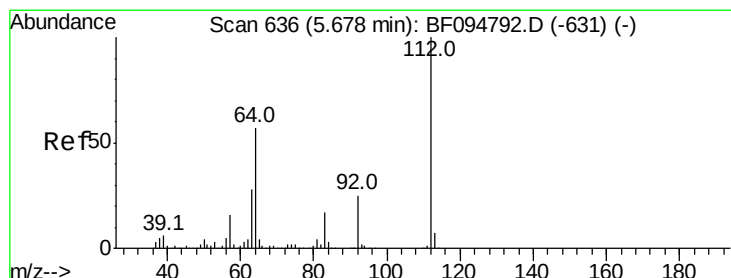
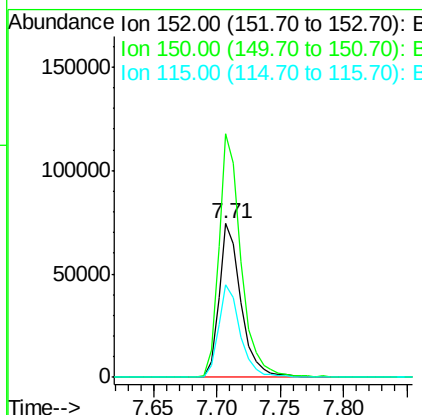
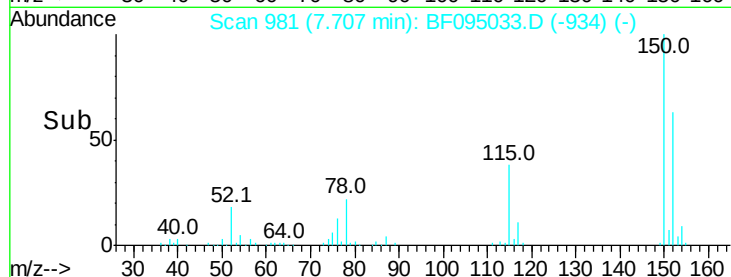
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095033.D
Acq: 9 May 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90106
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 59.8 52.2 78.2



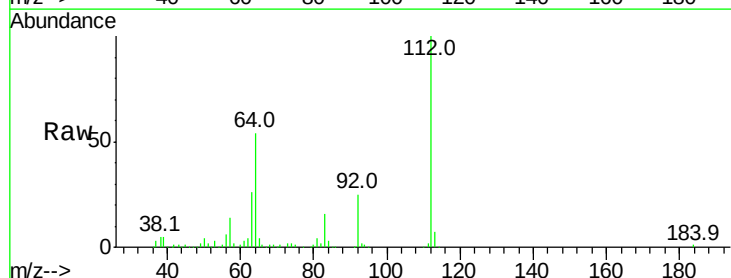
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



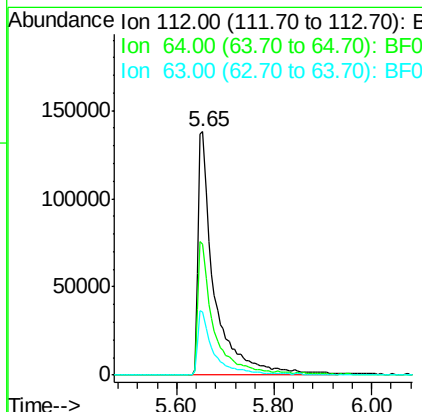
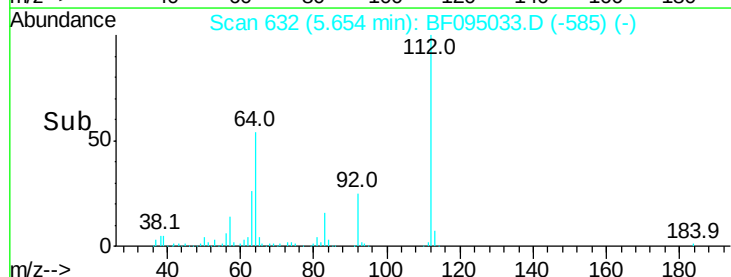
#5

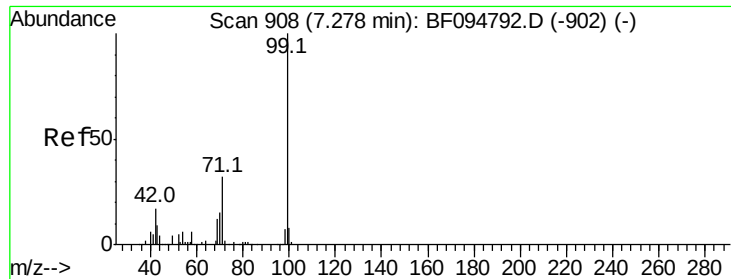
2-Fluorophenol
Concen: 60.07 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095033.D
Acq: 9 May 2017 21:11

Tgt Ion:112 Resp: 324653
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 26.1 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: 37.68 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095033.D

Acq: 9 May 2017 21:11

Instrument :

BNA_F

ClientSampleId :

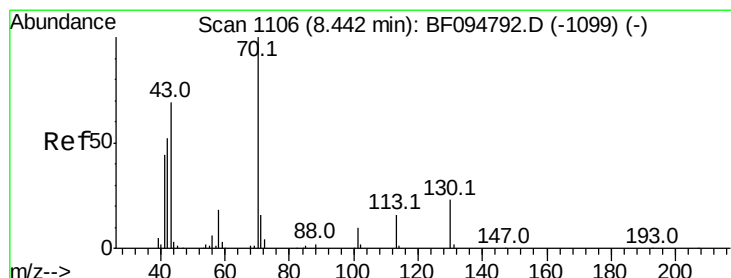
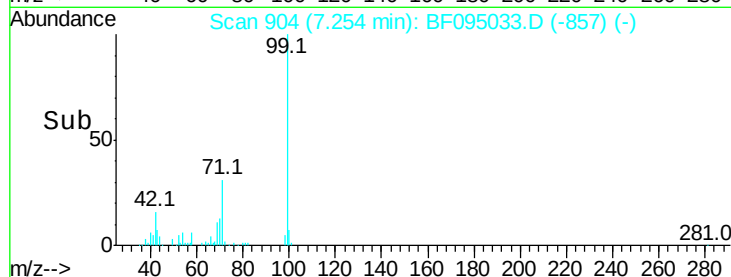
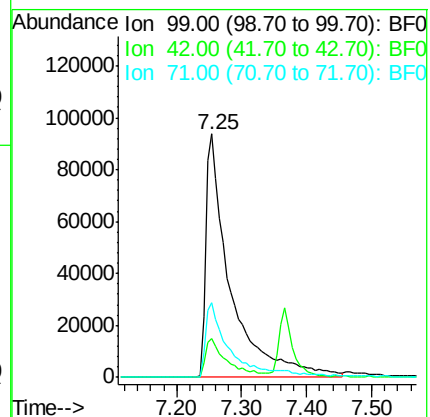
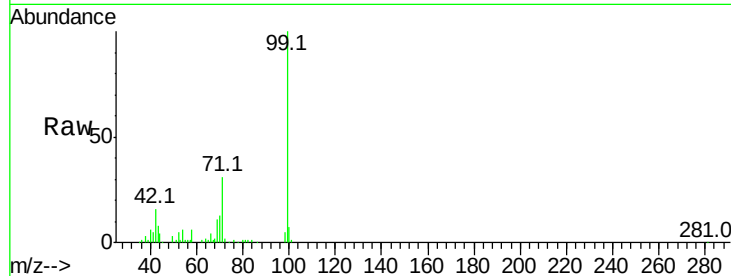
Tot Ion: 99 Resp: 244318

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 30.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.22 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095033.D

Acq: 9 May 2017 21:11

Tgt Ion: 70 Resp: 66753

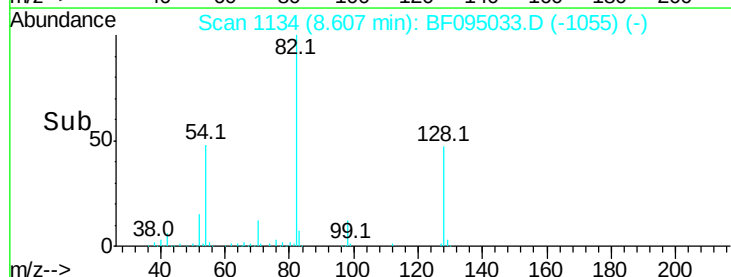
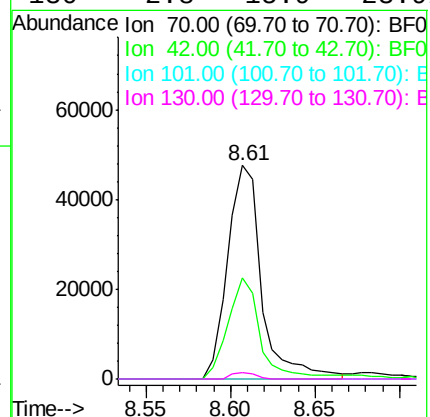
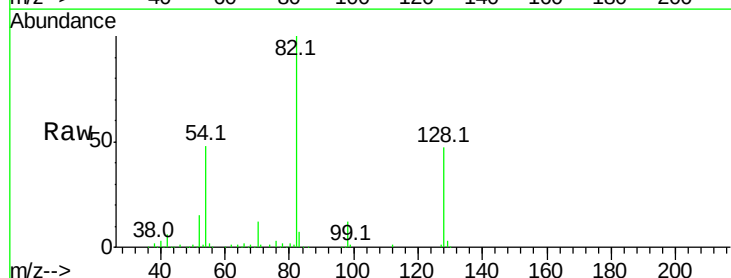
Ion Ratio Lower Upper

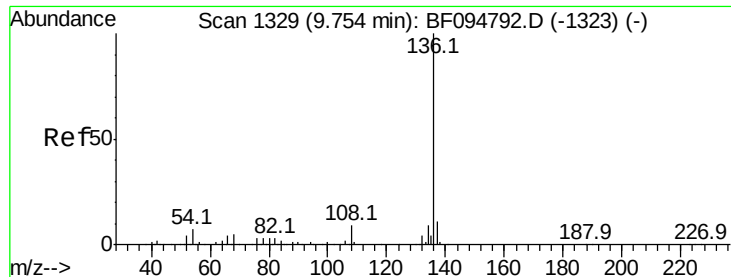
70 100

42 47.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095033.D

Acq: 9 May 2017 21:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 373822

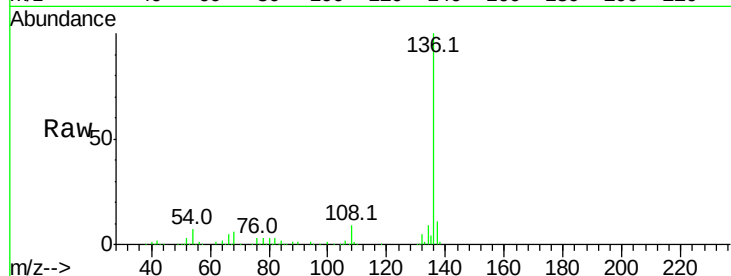
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

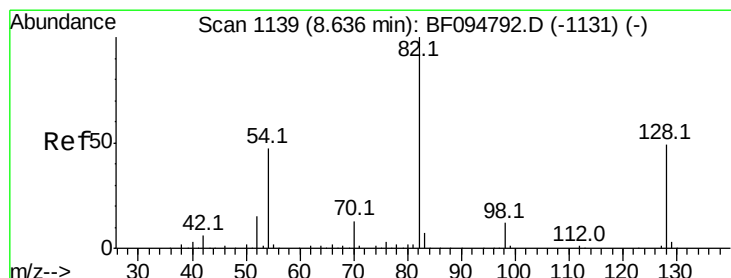
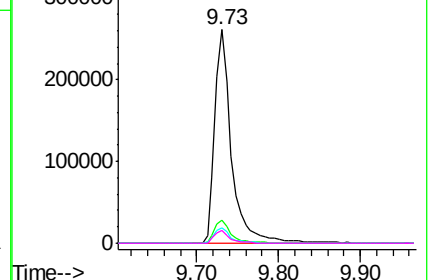
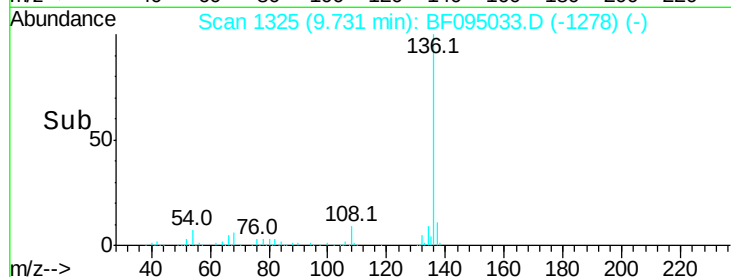


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.43 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF095033.D

Acq: 9 May 2017 21:11

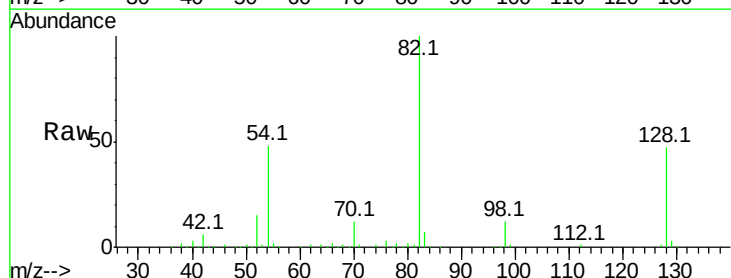
Tgt Ion: 82 Resp: 542036

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

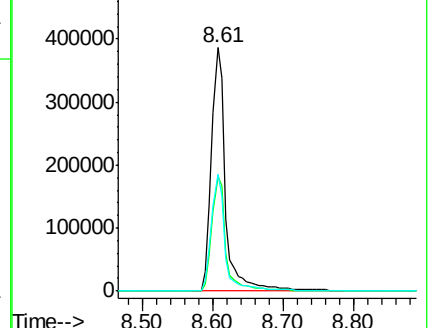
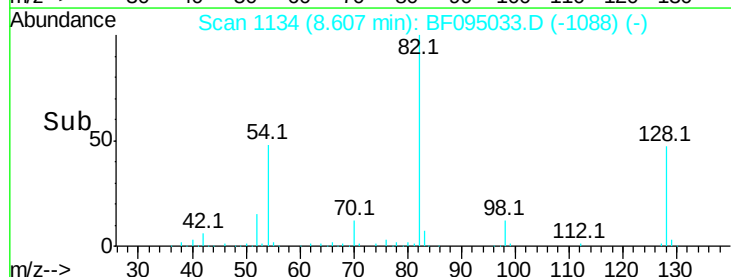
54 47.8 42.2 63.2

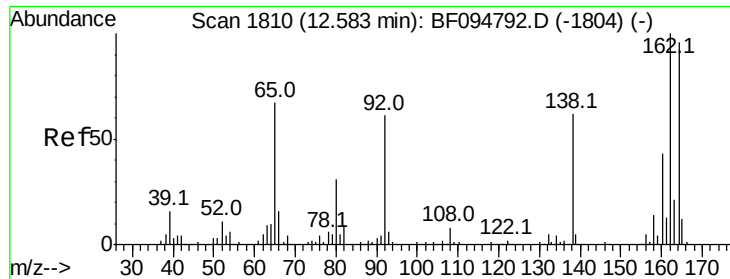


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095033.D

Acq: 9 May 2017 21:11

Instrument :

BNA_F

ClientSampleId :

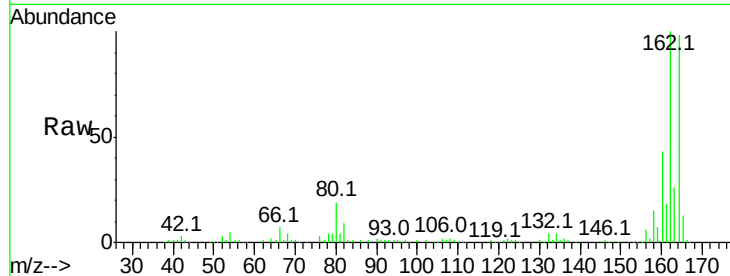
Tot Ion:164 Resp: 171921

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

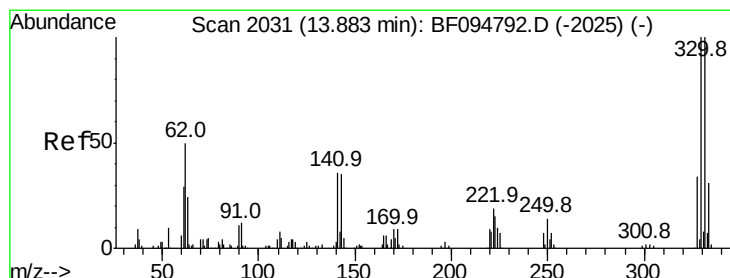
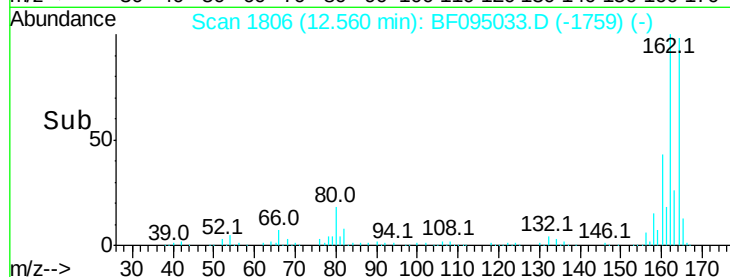
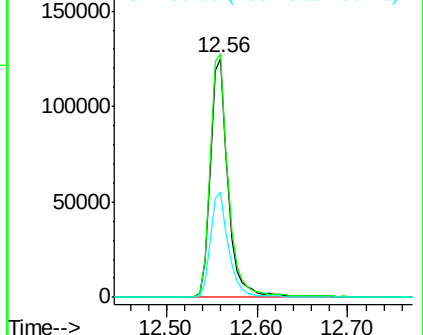
160 44.2 36.2 54.2



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: 135.72 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095033.D

Acq: 9 May 2017 21:11

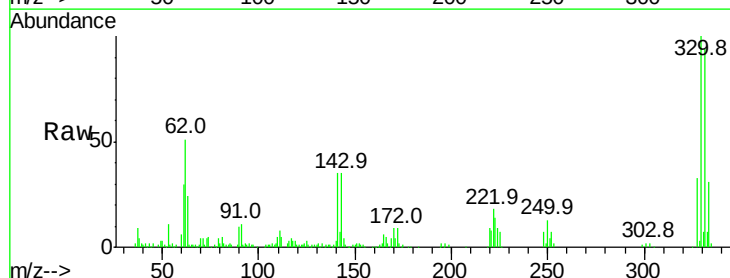
Tgt Ion:330 Resp: 191084

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

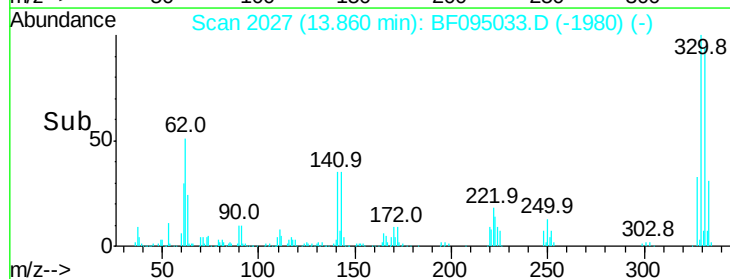
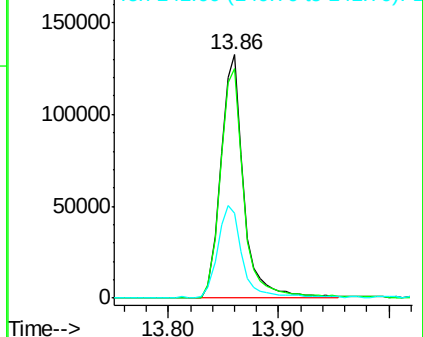
141 42.0 31.4 47.2

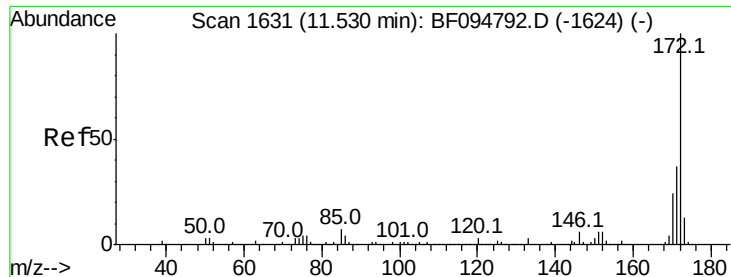


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

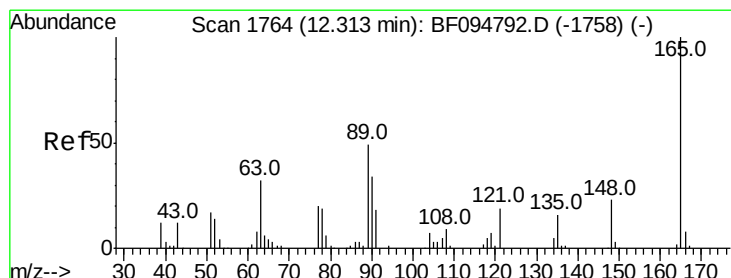
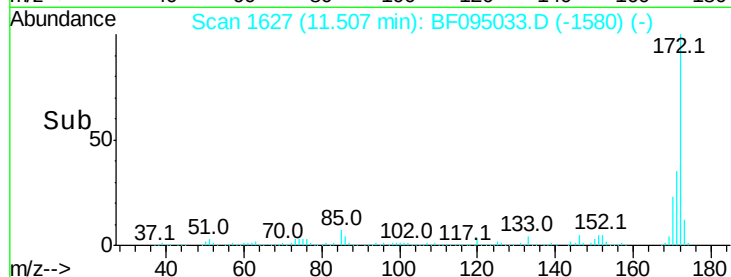
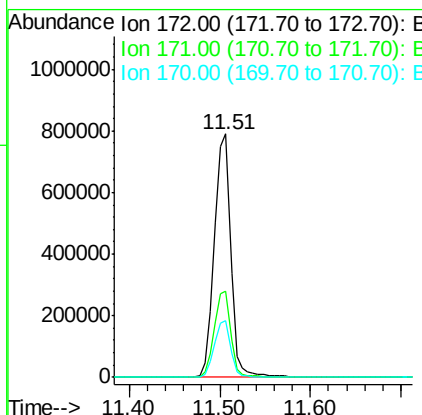
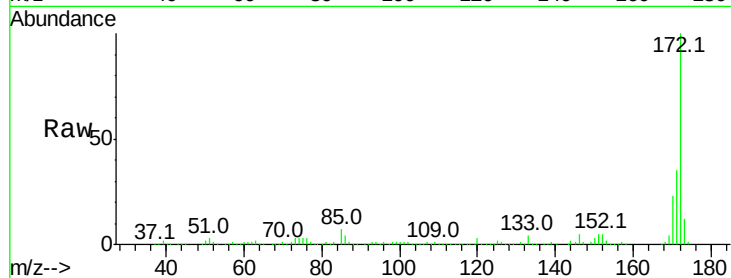




#44
2-Fluorobiphenyl
Concen: 83.98 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095033.D
Acq: 9 May 2017 21:11

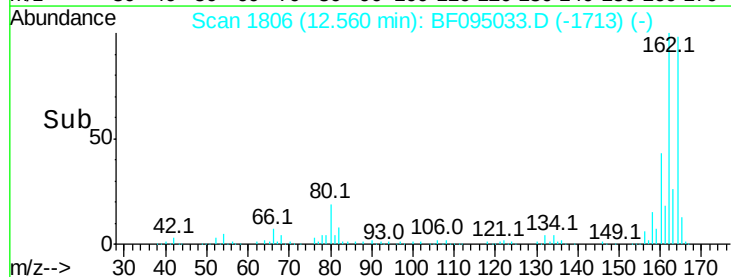
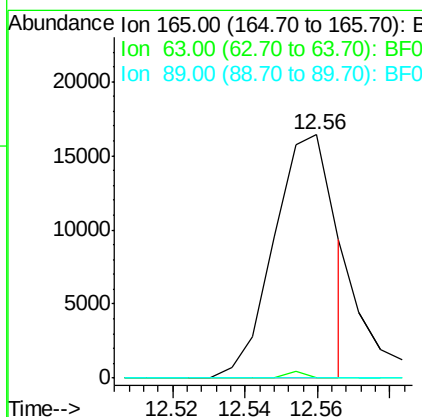
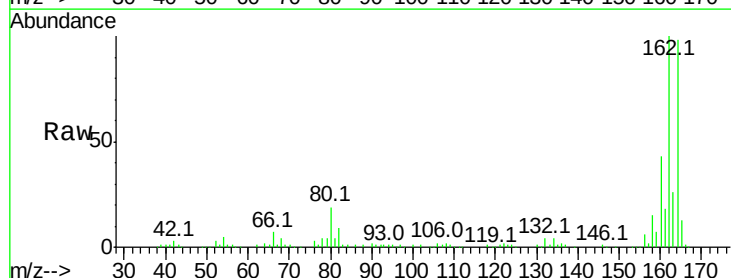
Instrument :
BNA_F
ClientSampled :

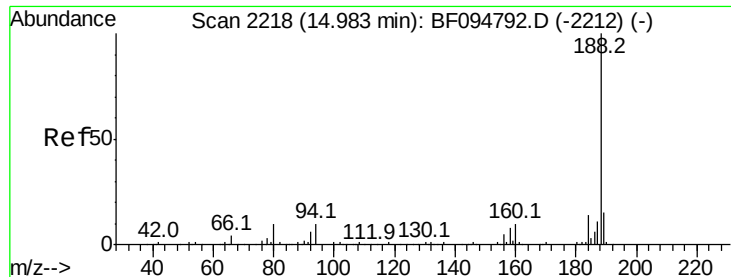
Tot Ion:172 Resp: 1003094
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.3 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 6.69 ng
RT: 12.56 min Scan# 1806
Delta R.T. 0.25 min
Lab File: BF095033.D
Acq: 9 May 2017 21:11

Tgt Ion:165 Resp: 19273
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

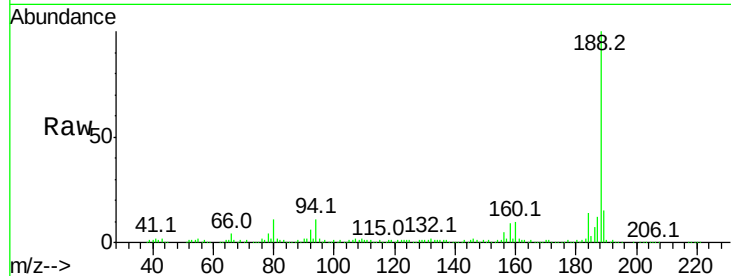




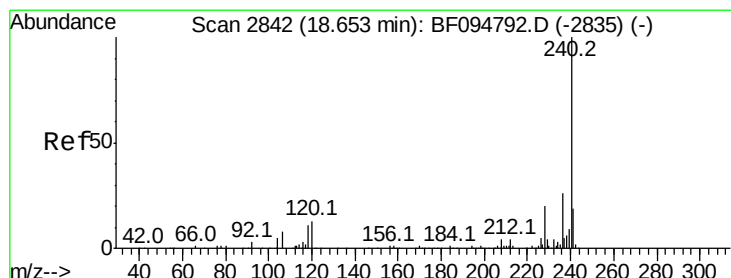
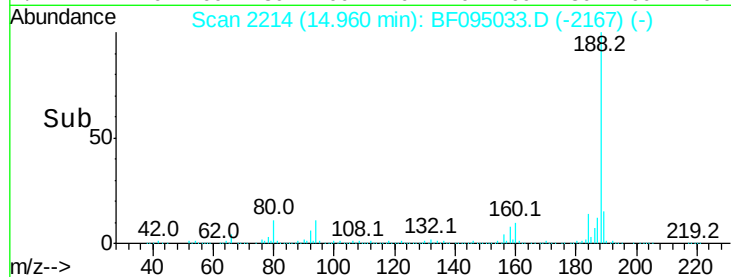
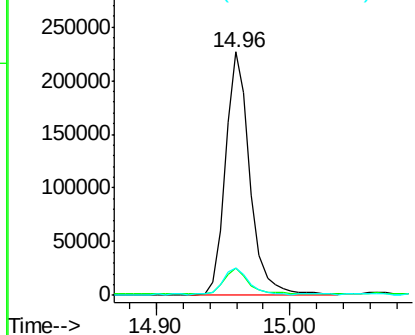
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095033.D
Acq: 9 May 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 294033
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.1 10.2 15.2

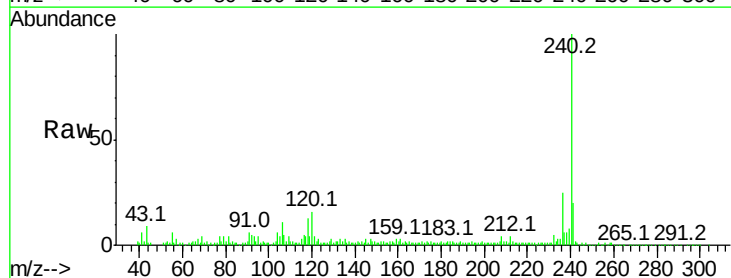


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

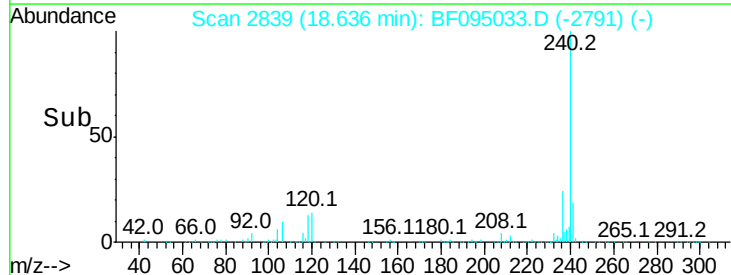
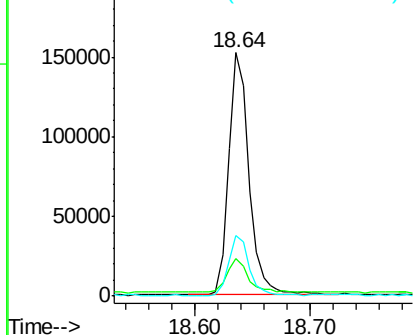


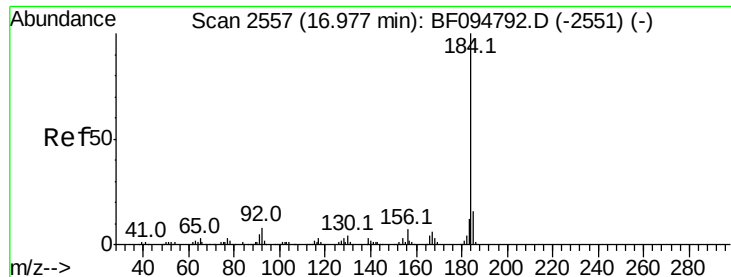
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF095033.D
Acq: 9 May 2017 21:11

Tgt Ion:240 Resp: 185811
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 24.7 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: 6.62 ng

RT: 16.97 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BF095033.D

Acq: 9 May 2017 21:11

Instrument :

BNA_F

ClientSampled :

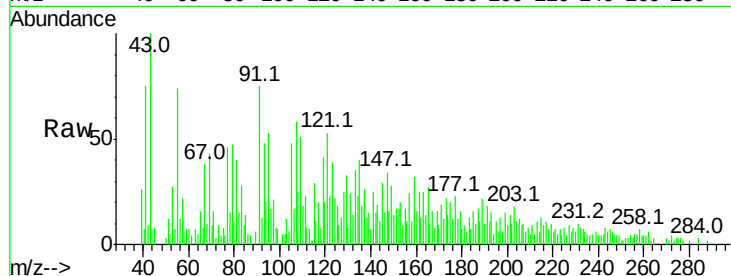
Tot Ion:184 Resp: 153

Ion Ratio Lower Upper

184 100

185 227.0 15.5 23.3#

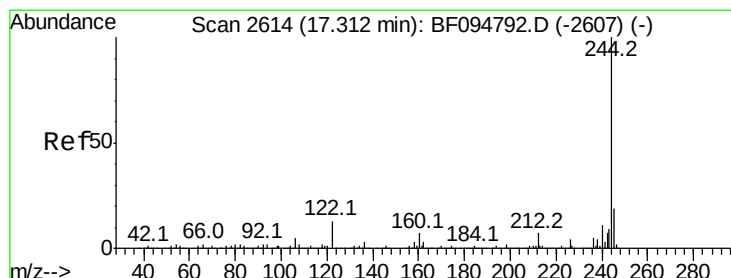
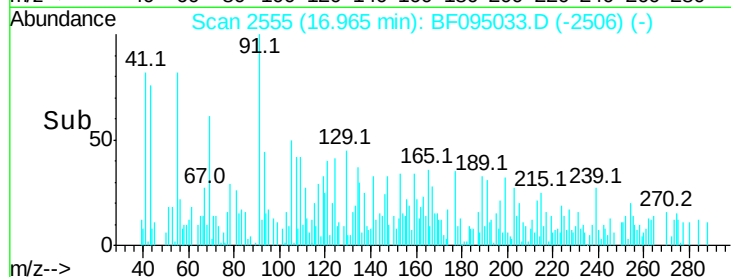
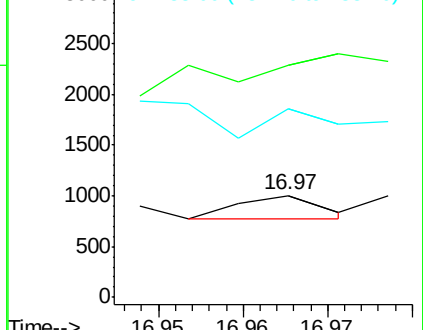
183 185.0 9.8 14.6#



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: 81.41 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095033.D

Acq: 9 May 2017 21:11

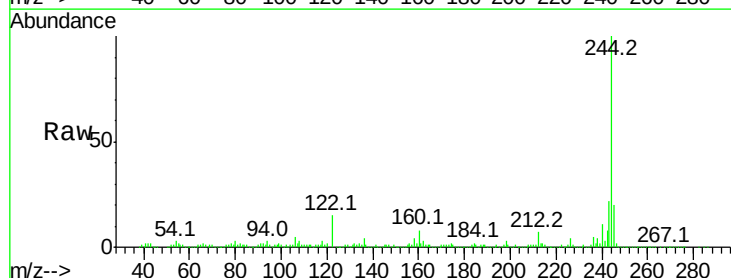
Tgt Ion:244 Resp: 686754

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

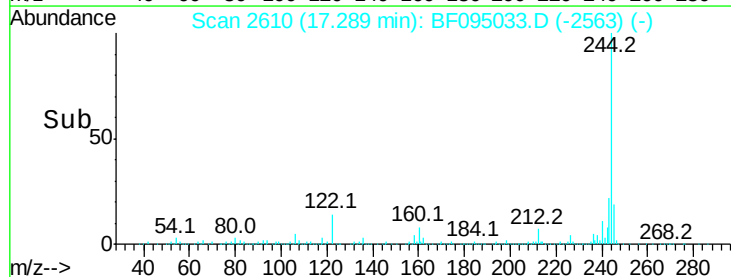
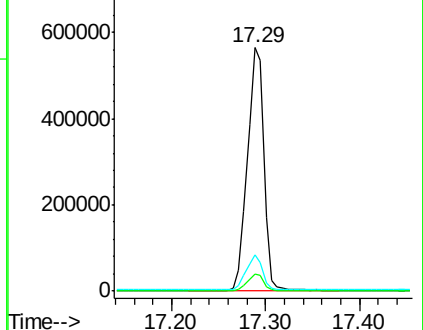
122 14.9 10.3 15.5

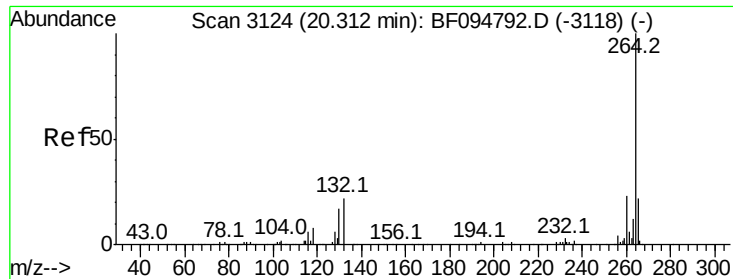


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

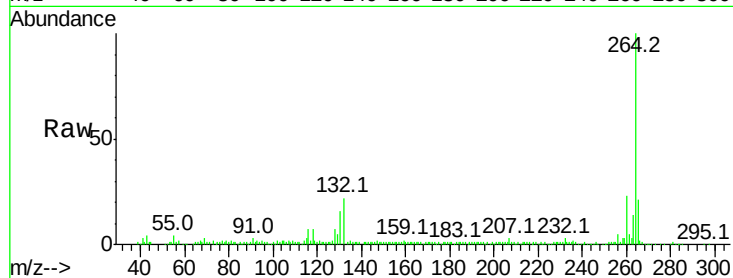




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095033.D
Acq: 9 May 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.3	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

