

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095161.D
 Acq On : 16 May 2017 17:49
 Operator : SJ/MA
 Sample : I3153-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:54:36 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

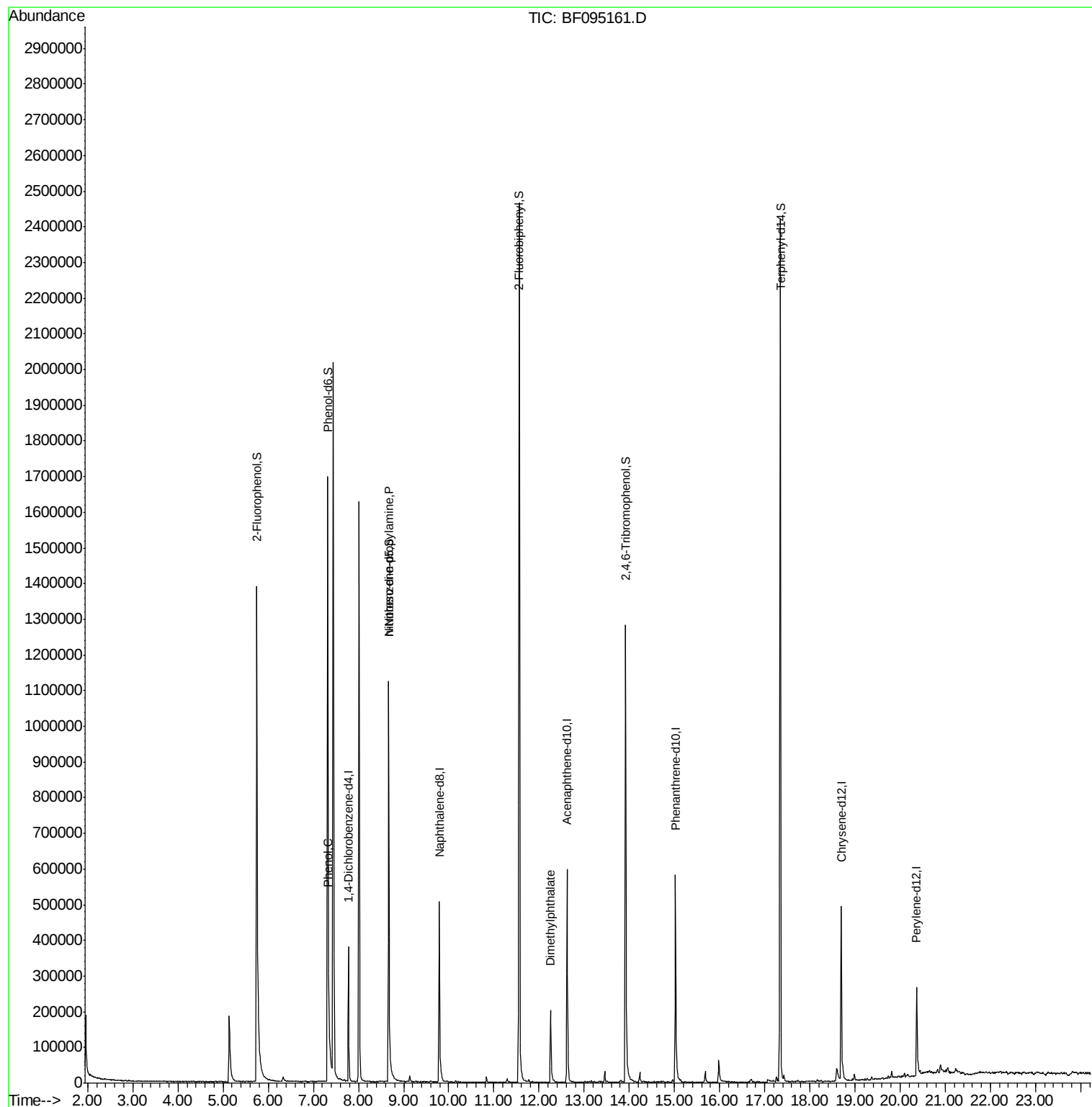
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	85474	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	380610	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	186377	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	343079	20.00	ng	0.04
75) Chrysene-d12	18.69	240	263665	20.00	ng	0.04
86) Perylene-d12	20.37	264	146415	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	807138	157.44	ng	0.06
7) Phenol-d6	7.32	99	1002197	162.92	ng	0.04
23) Nitrobenzene-d5	8.67	82	590525	97.84	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	230125	150.77	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1153415	89.08	ng	0.04
78) Terphenyl-d14	17.35	244	969574	80.99	ng	0.04
Target Compounds						
10) Phenol	7.34	94	23864	3.68	ng	# 74
19) n-Nitroso-di-n-propylamine	8.67	70	72783	17.49	ng	# 78
49) Dimethylphthalate	12.25	163	155114	10.14	ng	98

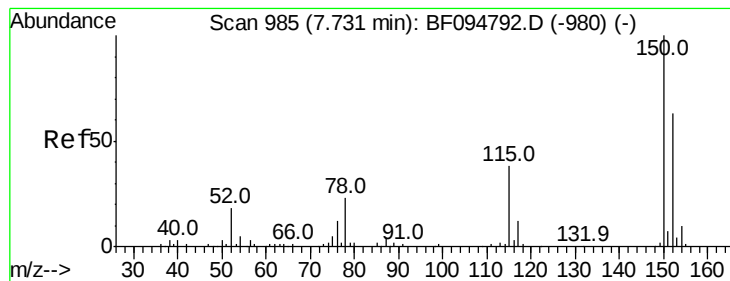
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095161.D
Acq On : 16 May 2017 17:49
Operator : SJ/MA
Sample : I3153-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 17 05:54:36 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



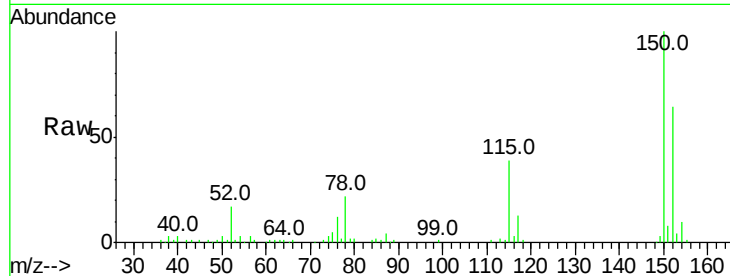


#1

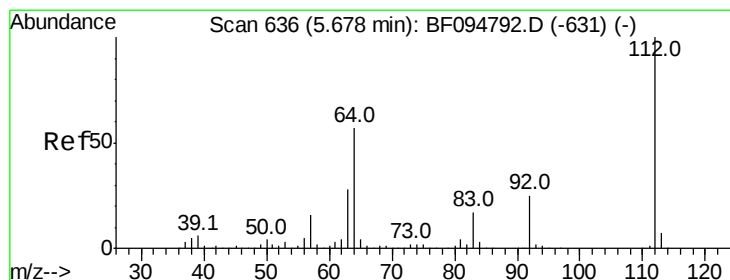
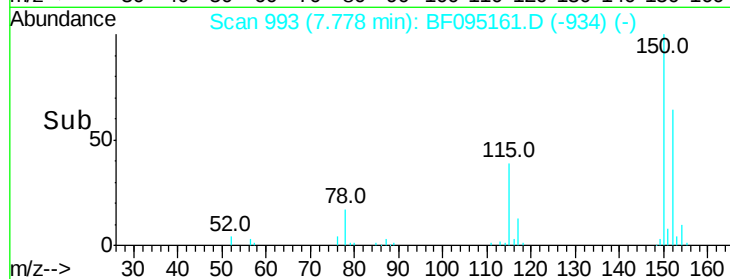
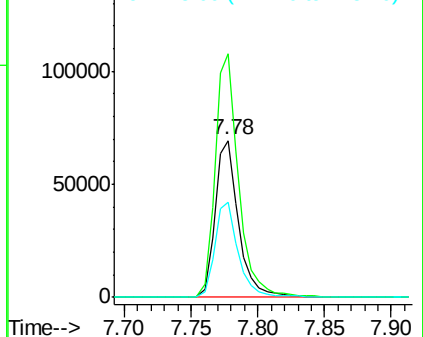
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095161.D
Acq: 16 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85474
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 60.8 52.2 78.2



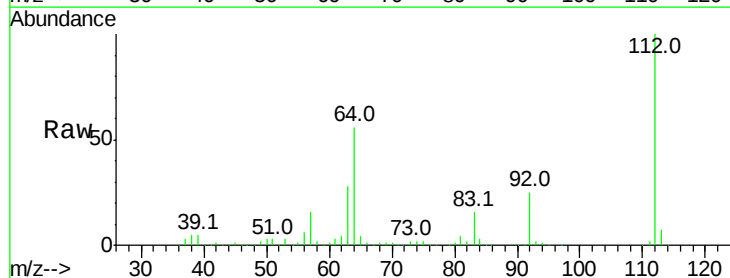
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



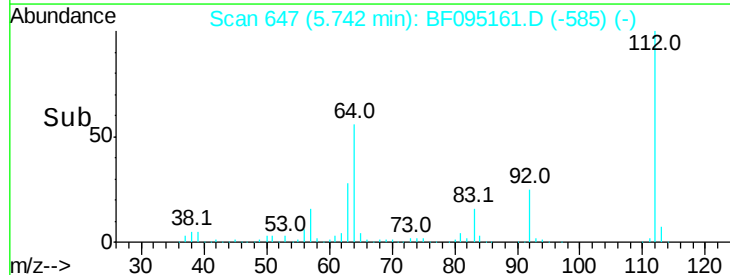
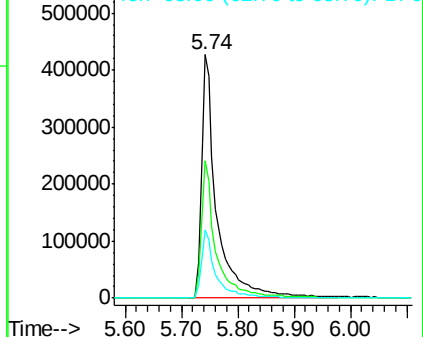
#5

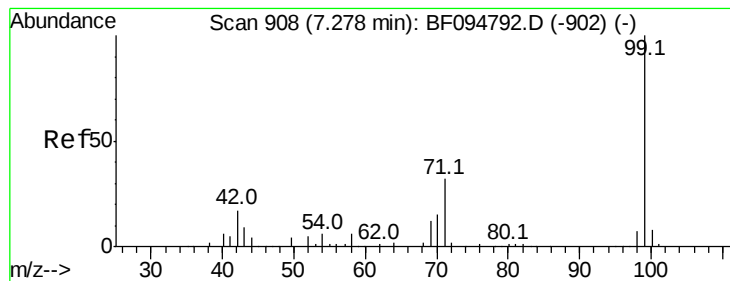
2-Fluorophenol
Concen: 157.44 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095161.D
Acq: 16 May 2017 17:49

Tgt Ion:112 Resp: 807138
Ion Ratio Lower Upper
112 100
64 56.2 46.0 69.0
63 27.8 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: 162.92 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095161.D

Acq: 16 May 2017 17:49

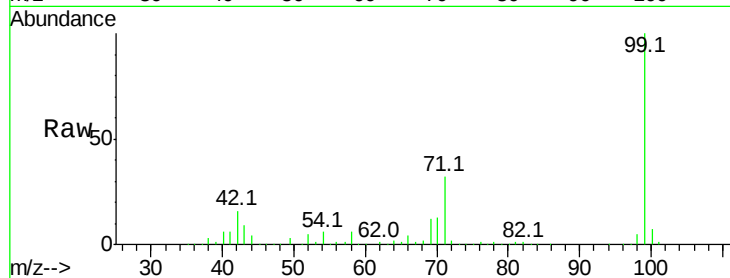
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1002197

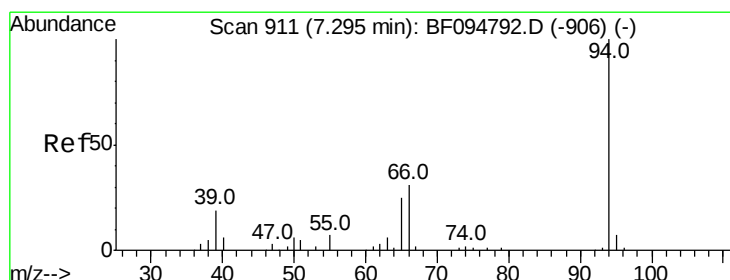
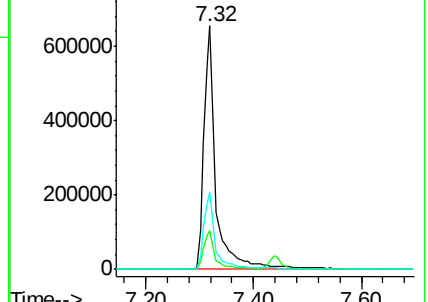
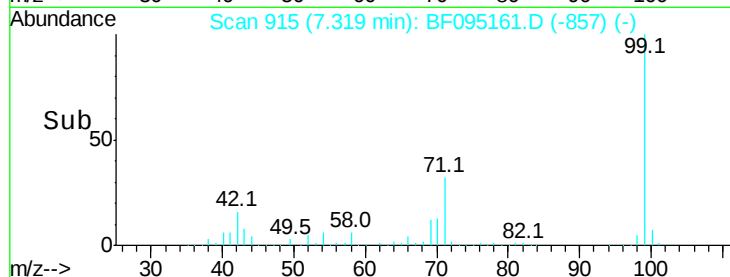
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	31.8	24.5	36.7



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: 3.68 ng

RT: 7.34 min Scan# 918

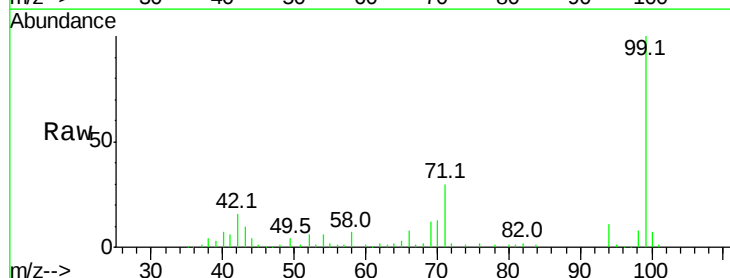
Delta R.T. 0.04 min

Lab File: BF095161.D

Acq: 16 May 2017 17:49

Tgt Ion: 94 Resp: 23864

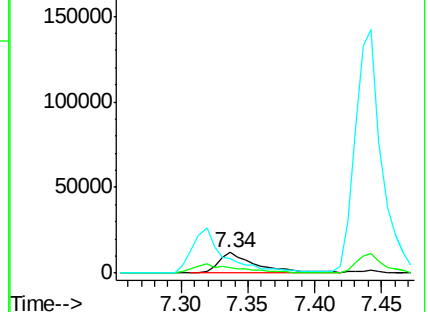
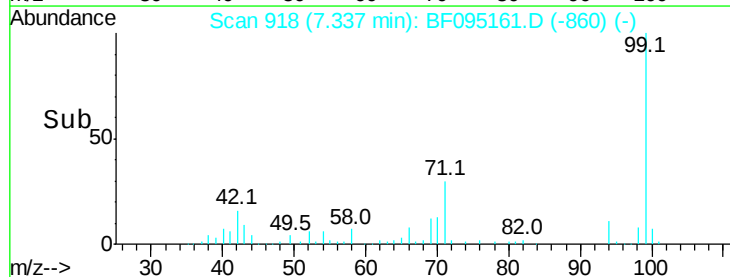
Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.9	49.9
66	69.6	23.1	63.1#

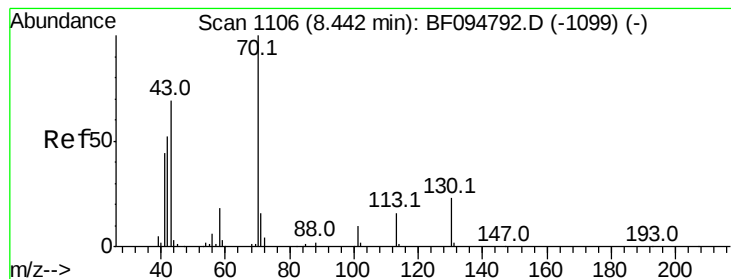


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 17.49 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.23 min

Lab File: BF095161.D

Acq: 16 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 72783

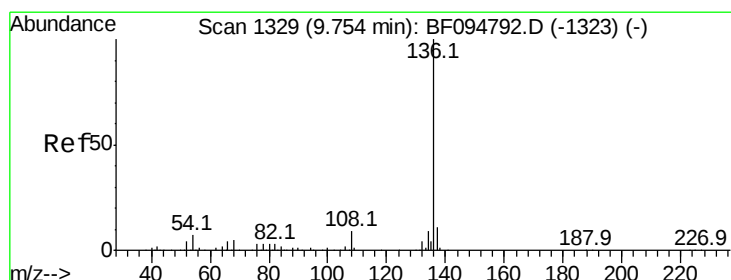
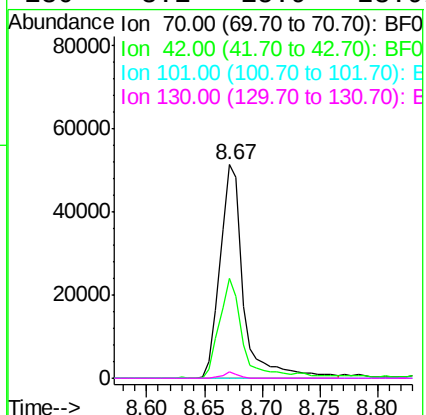
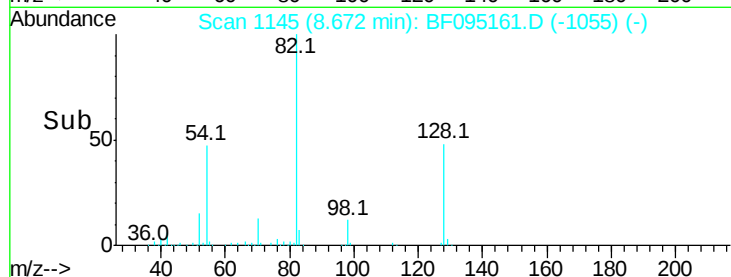
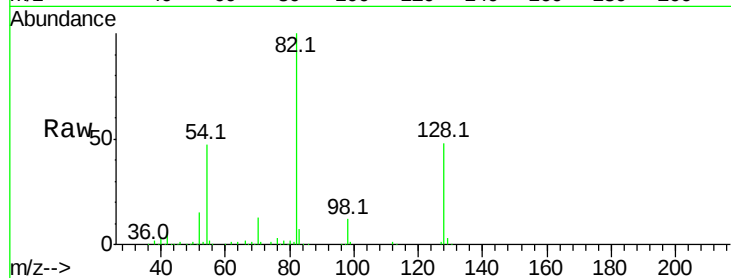
Ion Ratio Lower Upper

70 100

42 46.9 47.2 70.8#

101 0.0 7.2 10.8#

130 3.1 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: BF095161.D

Acq: 16 May 2017 17:49

Tgt Ion: 136 Resp: 380610

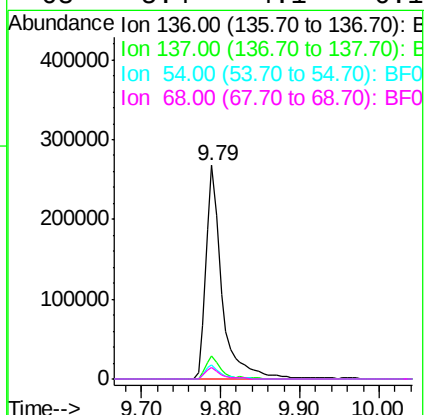
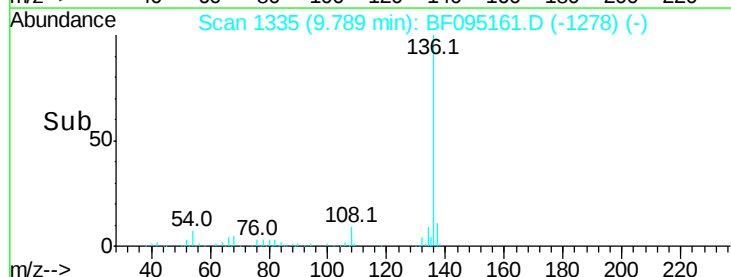
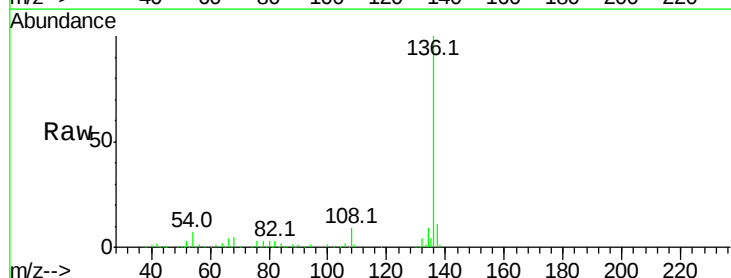
Ion Ratio Lower Upper

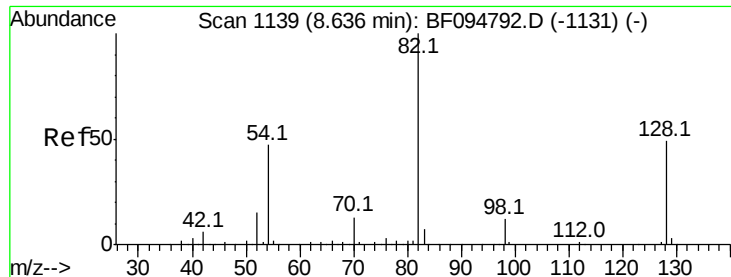
136 100

137 10.8 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

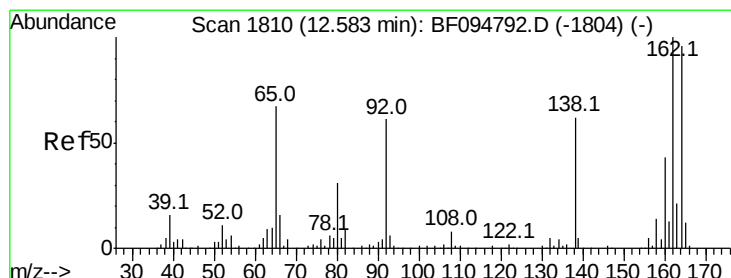
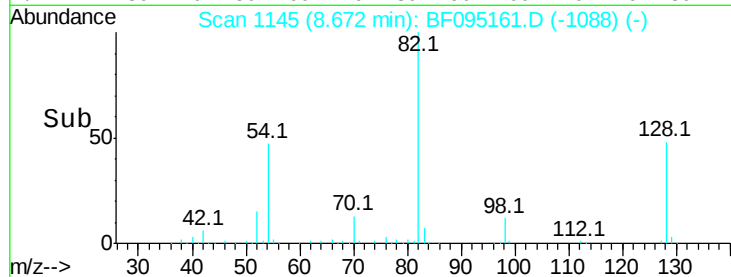
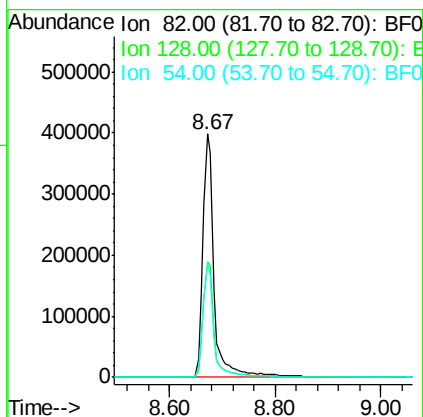
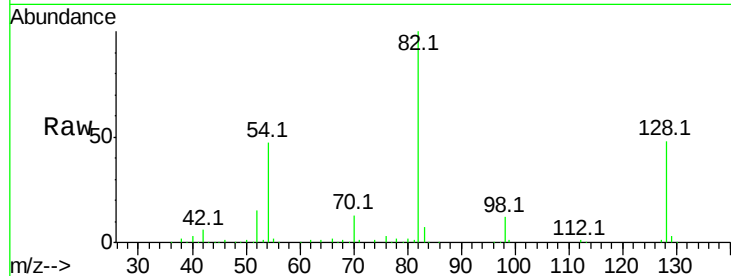




#23
Nitrobenzene-d5
Concen: 97.84 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BF095161.D
Acq: 16 May 2017 17:49

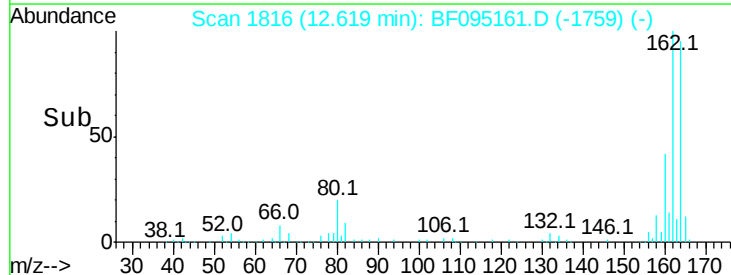
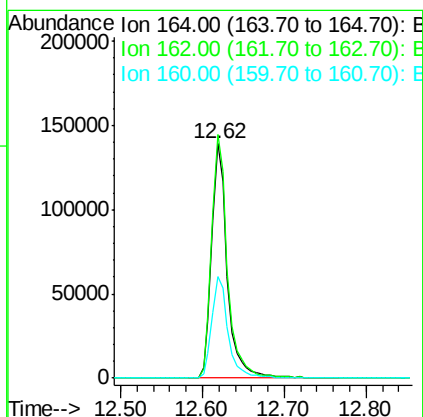
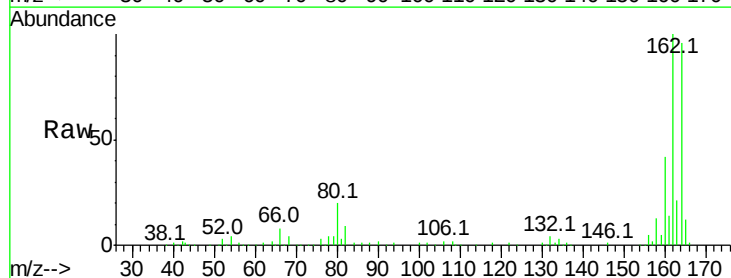
Instrument :
BNA_F
ClientSampled :

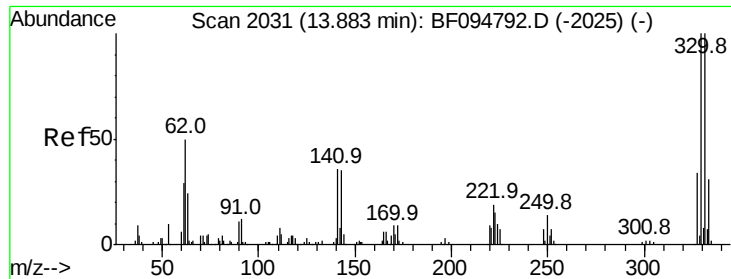
Tot Ion: 82 Resp: 590525
Ion Ratio Lower Upper
82 100
128 47.5 34.0 51.0
54 47.0 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095161.D
Acq: 16 May 2017 17:49

Tgt Ion:164 Resp: 186377
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 43.6 36.2 54.2

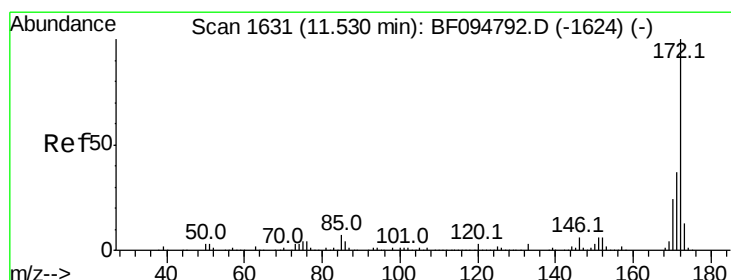
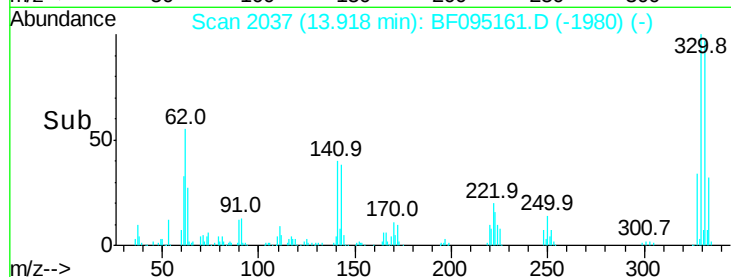
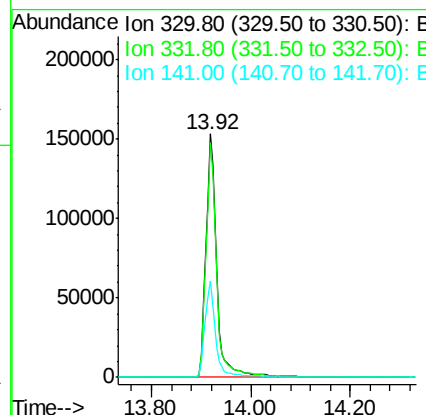
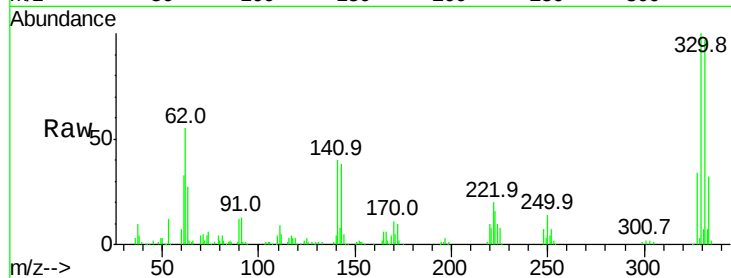




#41
 2,4,6-Tribromophenol
 Concen: 150.77 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095161.D
 Acq: 16 May 2017 17:49

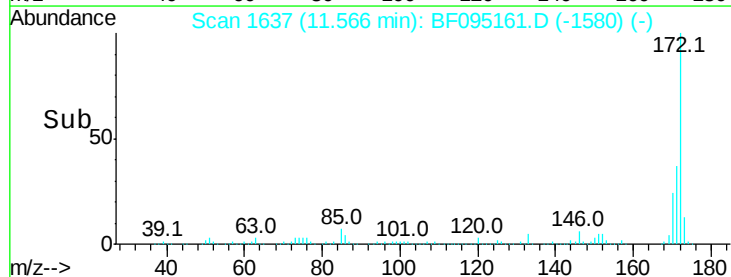
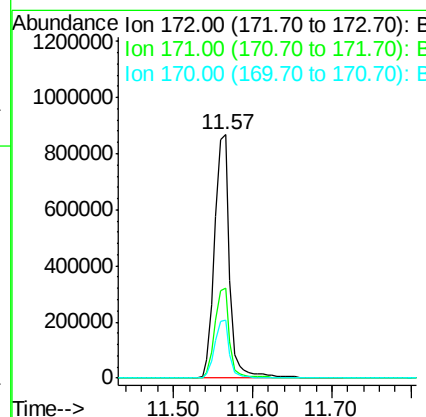
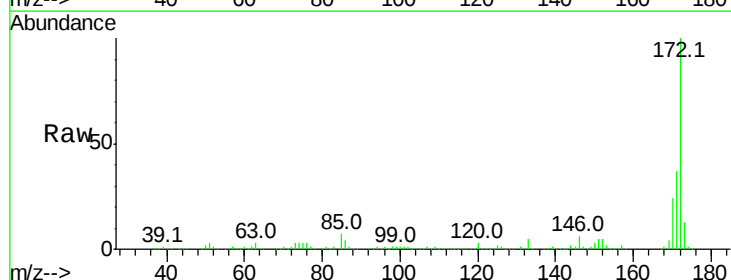
Instrument :
 BNA_F
 ClientSampleId :

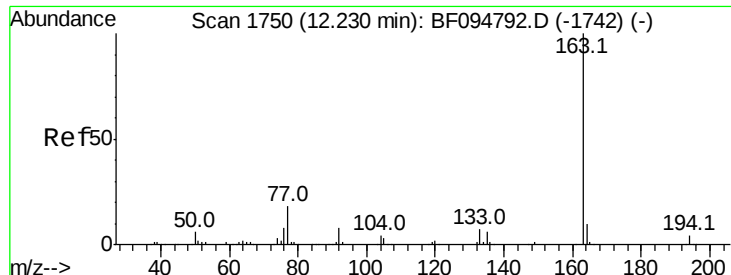
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	38.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 89.08 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095161.D
 Acq: 16 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.7	19.8	29.8





#49

Dimethylphthalate

Concen: 10.14 ng

RT: 12.25 min Scan# 1754

Delta R.T. 0.02 min

Lab File: BF095161.D

Acq: 16 May 2017 17:49

Instrument :

BNA_F

ClientSampled :

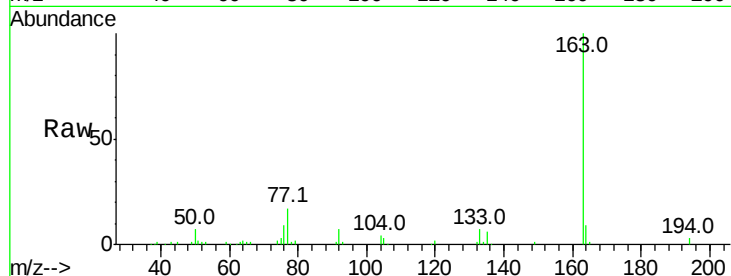
Tot Ion:163 Resp: 155114

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

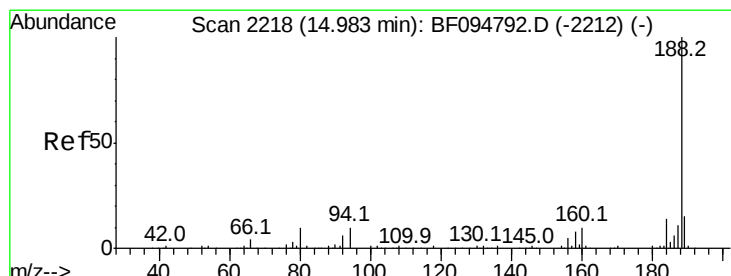
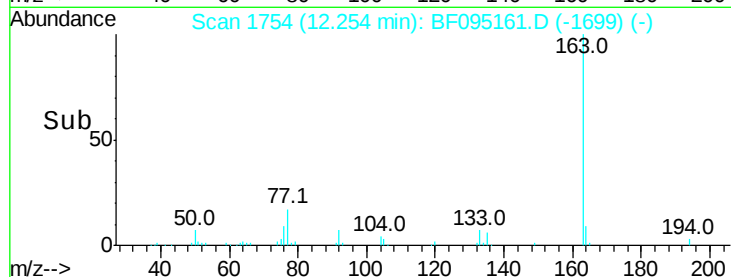
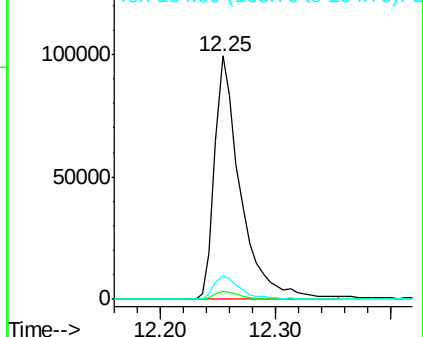
164 9.4 8.4 12.6



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: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095161.D

Acq: 16 May 2017 17:49

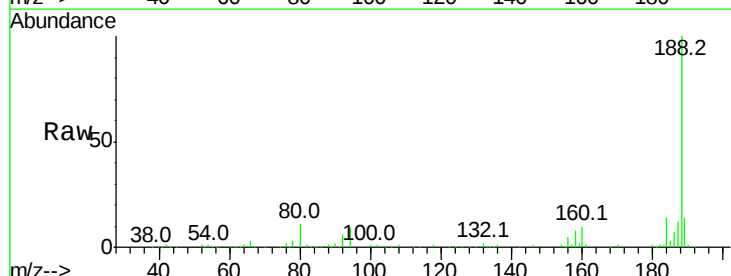
Tgt Ion:188 Resp: 343079

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

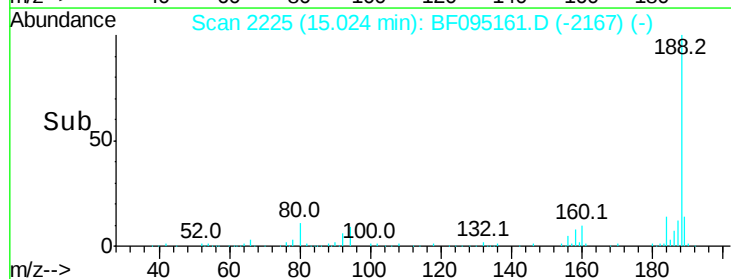
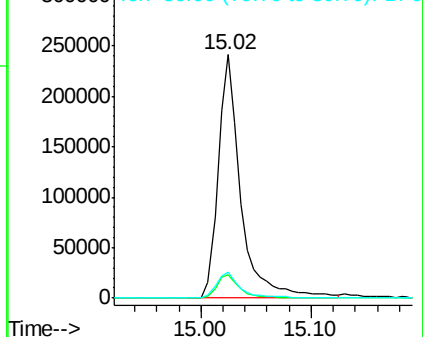
80 10.5 10.2 15.2

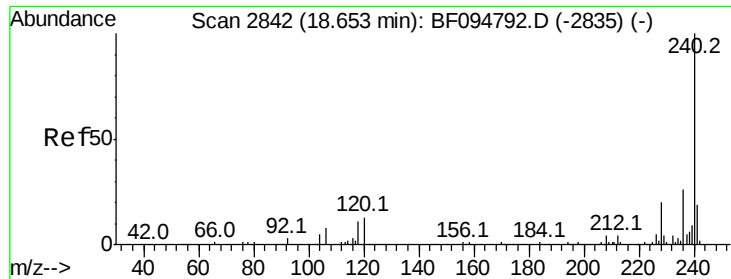


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF095161.D

Acq: 16 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

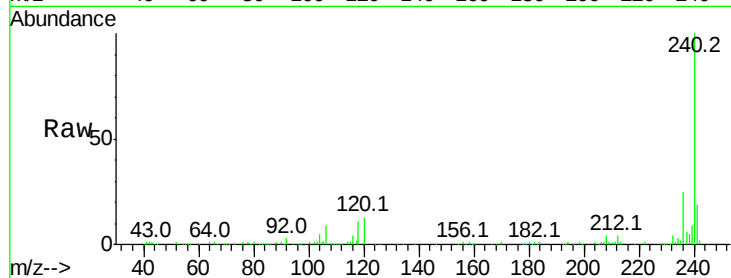
Tot Ion:240 Resp: 263665

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

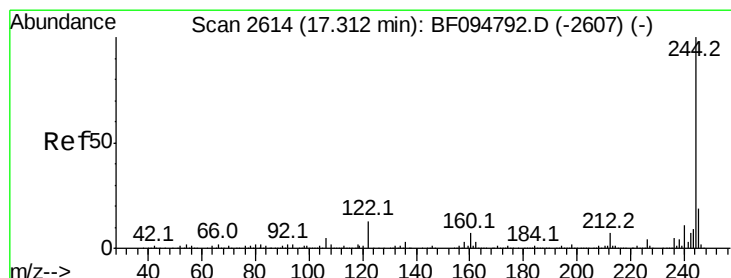
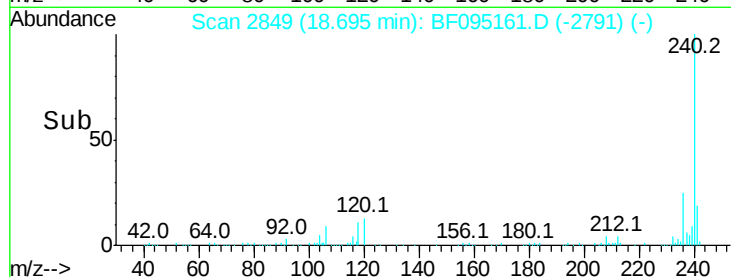
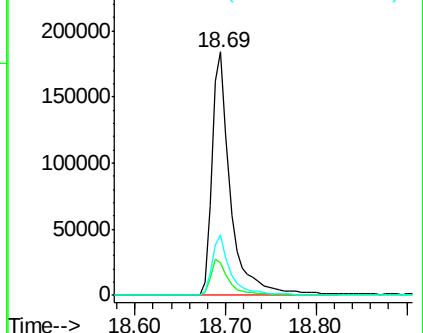
236 24.7 20.5 30.7



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



#78

Terphenyl-d14

Concen: 80.99 ng

RT: 17.35 min Scan# 2620

Delta R.T. 0.04 min

Lab File: BF095161.D

Acq: 16 May 2017 17:49

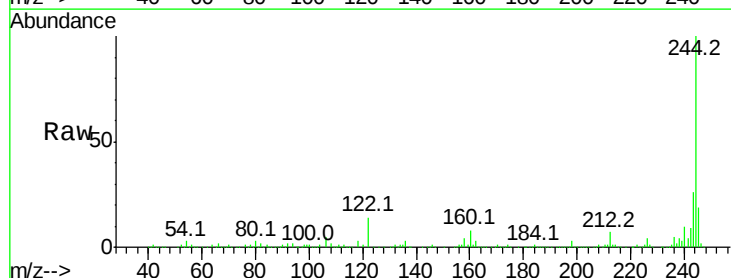
Tgt Ion:244 Resp: 969574

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

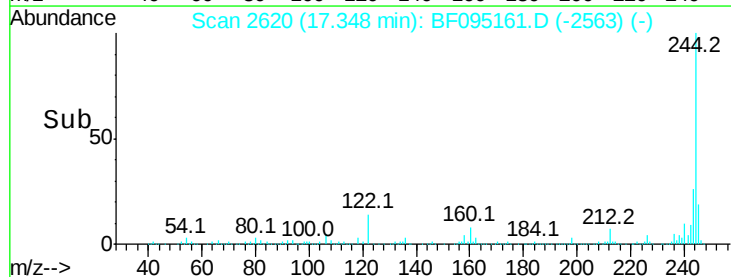
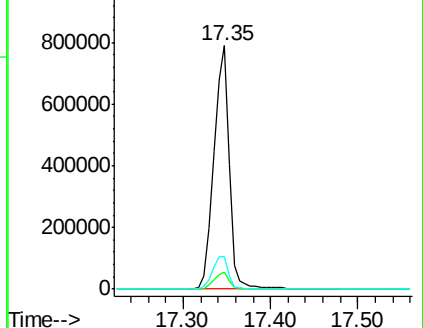
122 13.6 10.3 15.5

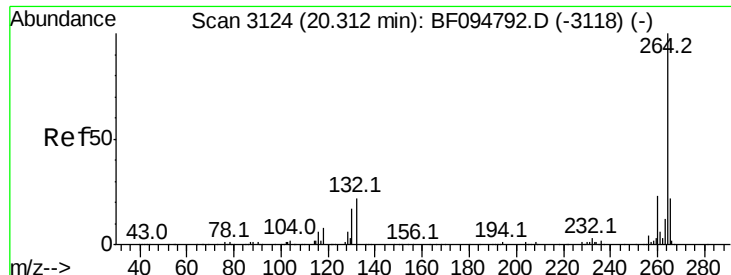


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.05 min
 Lab File: BF095161.D
 Acq: 16 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	21.6	17.2	25.8

