

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095321.D
 Acq On : 22 May 2017 18:58
 Operator : SJ/MA
 Sample : I3232-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:18:34 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

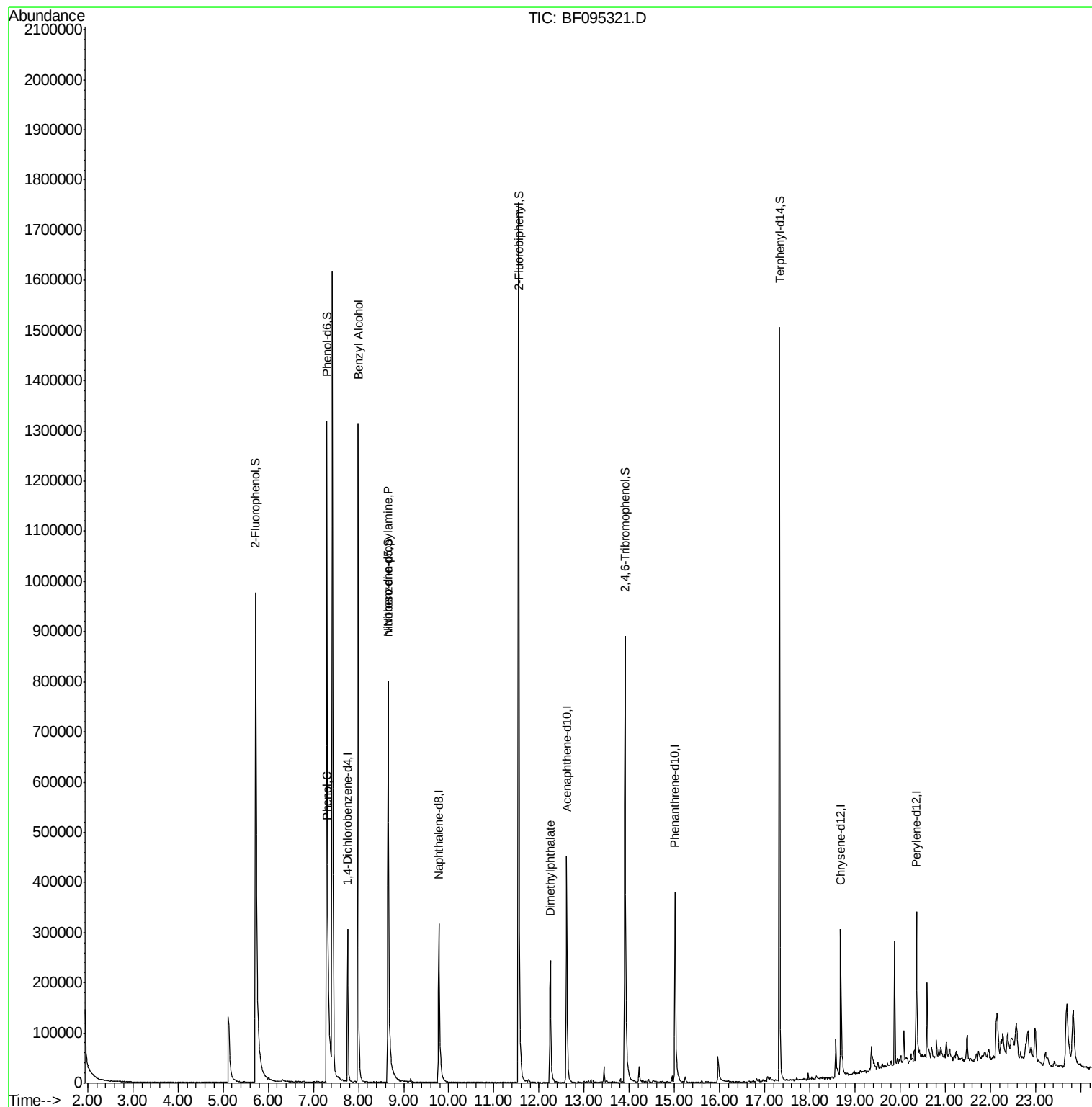
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	69654	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	339621	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	161381	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	276658	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	168481	20.00	ng	-0.01
86) Perylene-d12	20.36	264	160094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	726694	173.94	ng	-0.02
7) Phenol-d6	7.30	99	905088	180.56	ng	-0.01
23) Nitrobenzene-d5	8.66	82	514266	95.49	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	194660	147.28	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	965773	86.14	ng	-0.01
78) Terphenyl-d14	17.33	244	605156	79.11	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	18580	3.52	ng	# 49
15) Benzyl Alcohol	7.99	79	7215	2.24	ng	# 42
19) n-Nitroso-di-n-propylamine	8.66	70	60737	17.92	ng	# 73
49) Dimethylphthalate	12.25	163	198037	14.95	ng	100

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

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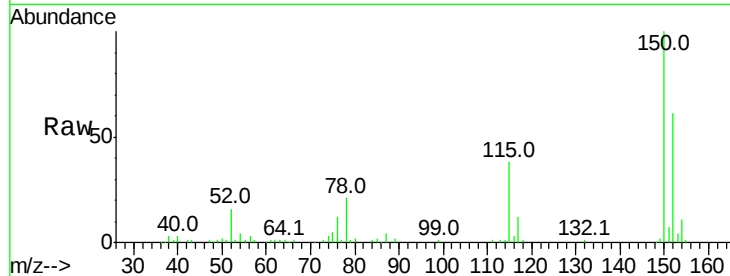


#1

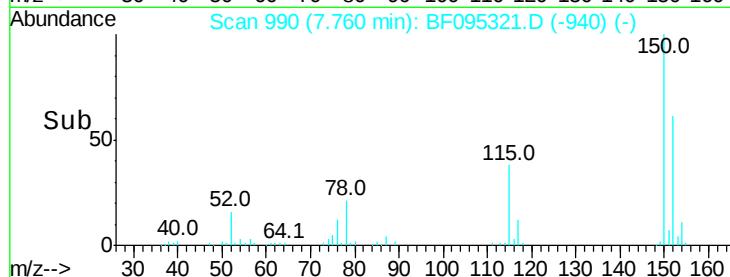
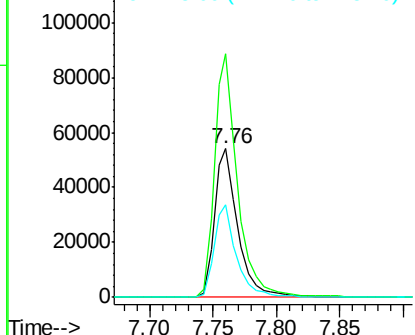
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095321.D
Acq: 22 May 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69654
Ion Ratio Lower Upper
152 100
150 163.9 126.2 189.2
115 62.2 52.2 78.2



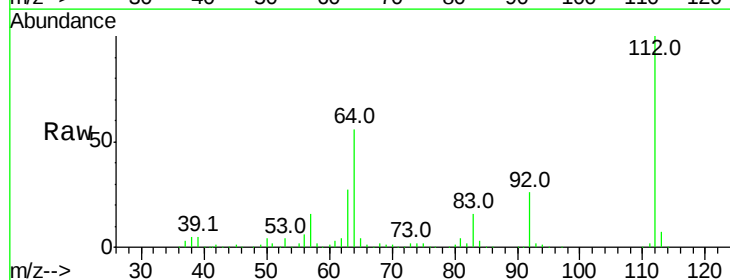
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



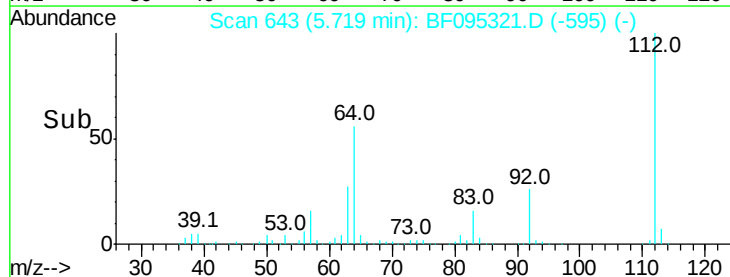
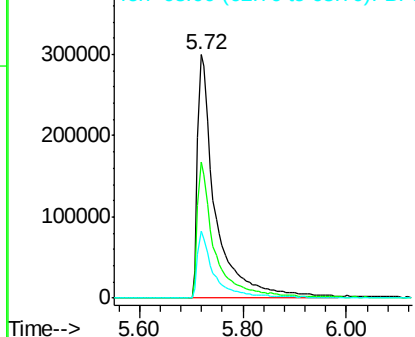
#5

2-Fluorophenol
Concen: 173.94 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095321.D
Acq: 22 May 2017 18:58

Tgt Ion:112 Resp: 726694
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 27.3 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: 180.56 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095321.D

Acq: 22 May 2017 18:58

Instrument :

BNA_F

ClientSampleId :

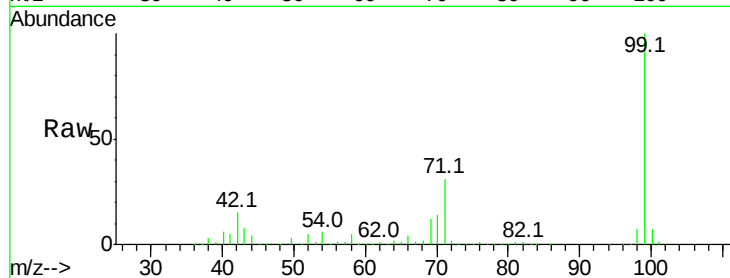
Tot Ion: 99 Resp: 905088

Ion Ratio Lower Upper

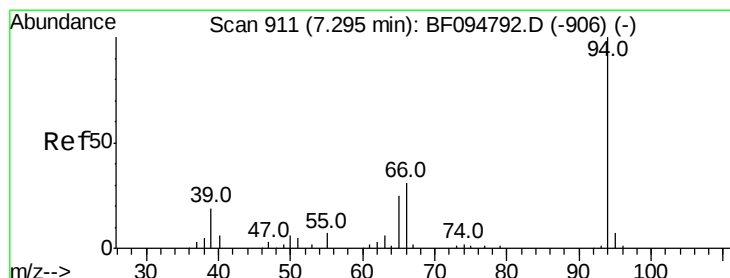
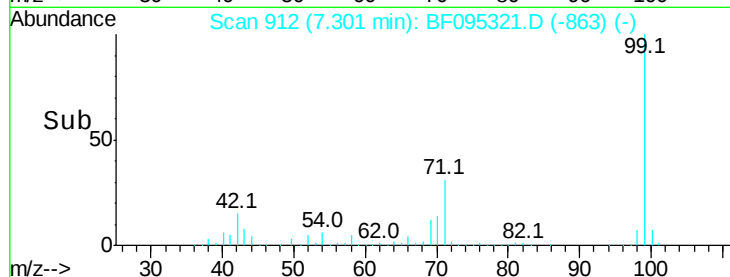
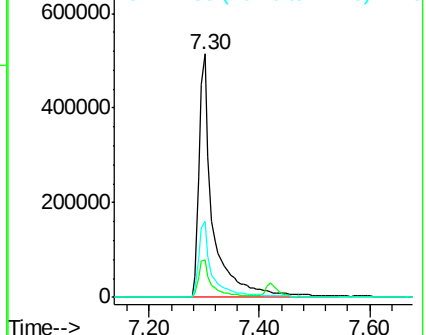
99 100

42 15.3 13.5 20.3

71 31.3 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: 3.52 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095321.D

Acq: 22 May 2017 18:58

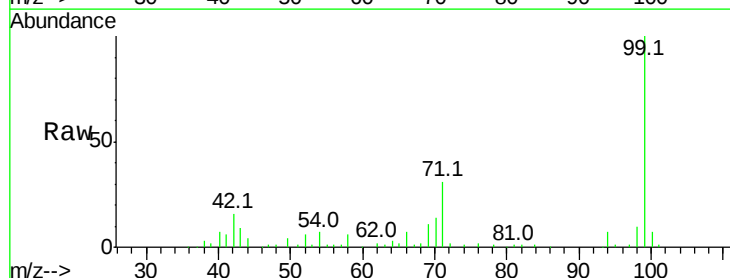
Tgt Ion: 94 Resp: 18580

Ion Ratio Lower Upper

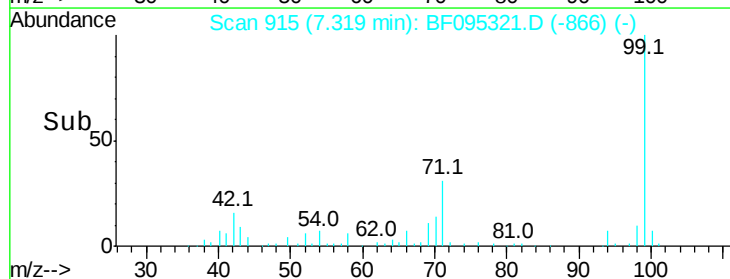
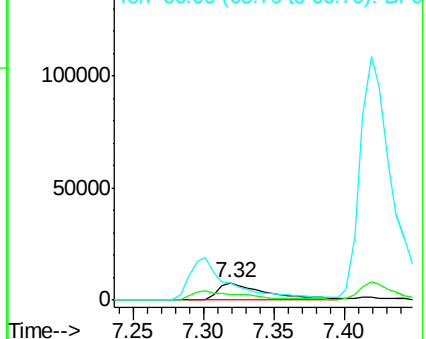
94 100

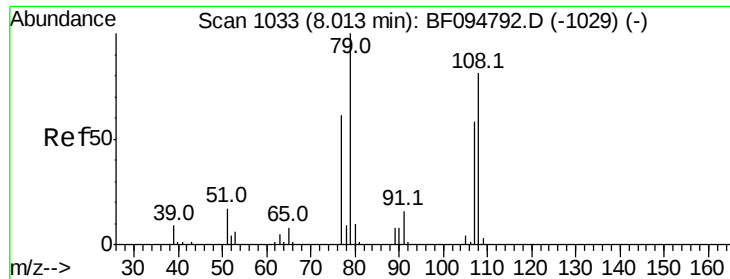
65 30.4 9.9 49.9

66 97.6 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

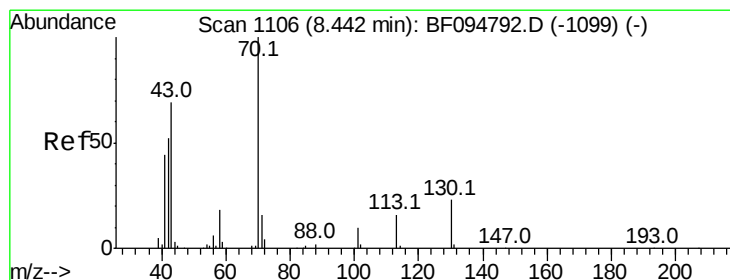
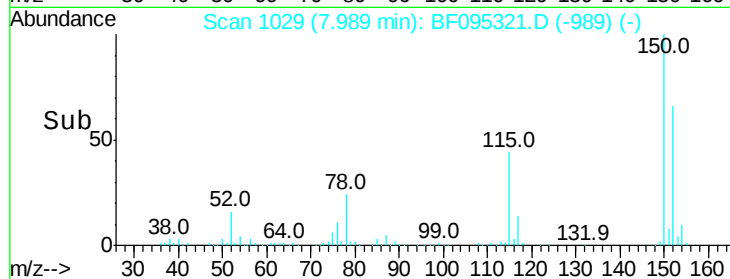
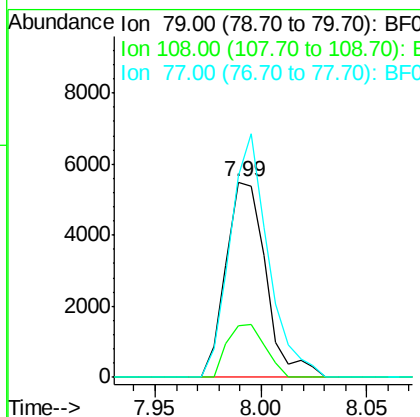
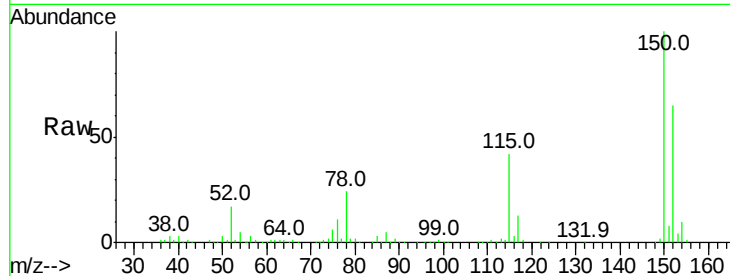




#15
Benzyl Alcohol
Concen: 2.24 ng
RT: 7.99 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF095321.D
Acq: 22 May 2017 18:58

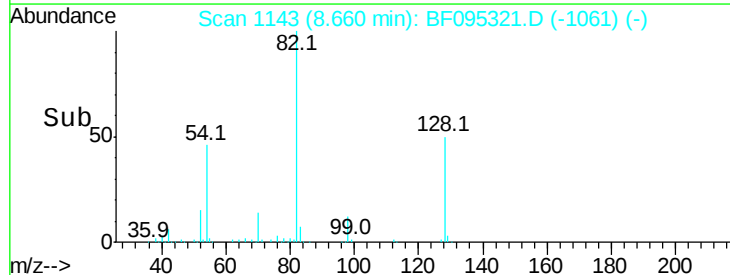
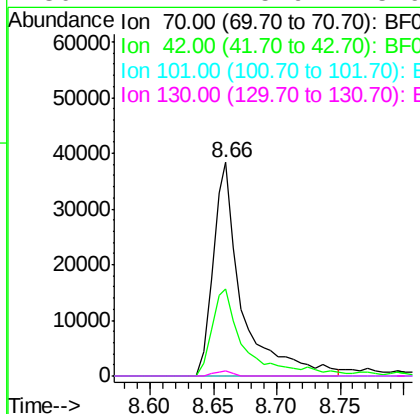
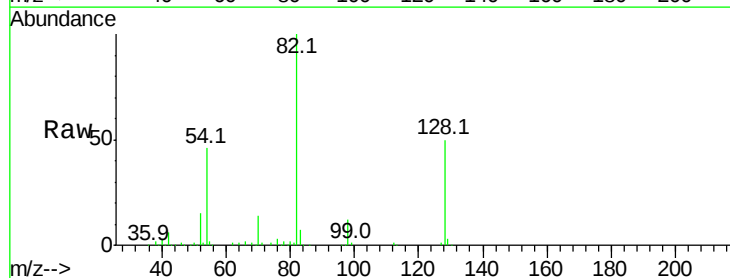
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 7215
Ion Ratio Lower Upper
79 100
108 26.6 63.4 95.0#
77 103.2 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 17.92 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095321.D
Acq: 22 May 2017 18:58

Tgt Ion: 70 Resp: 60737
Ion Ratio Lower Upper
70 100
42 41.0 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: BF095321.D

Acq: 22 May 2017 18:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 339621

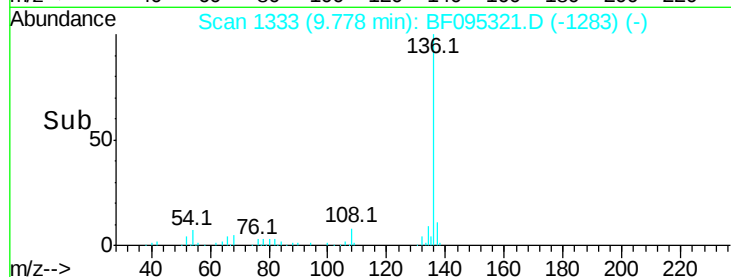
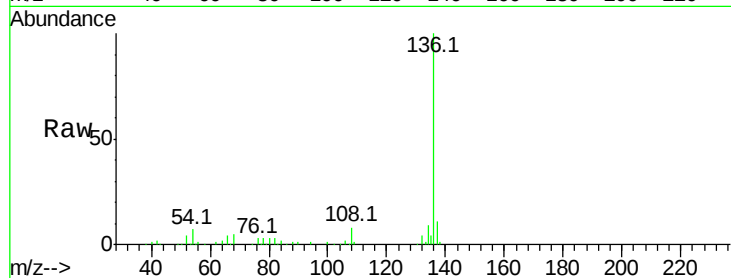
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.9 4.9 7.3

68 5.3 4.1 6.1

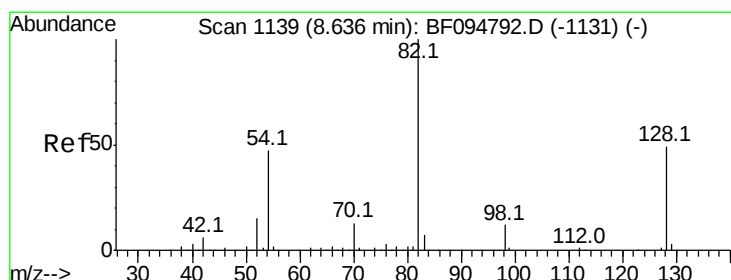
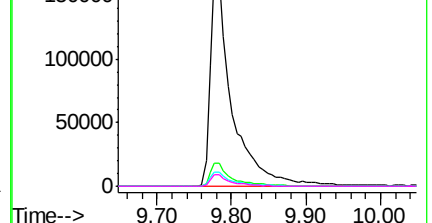


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.49 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095321.D

Acq: 22 May 2017 18:58

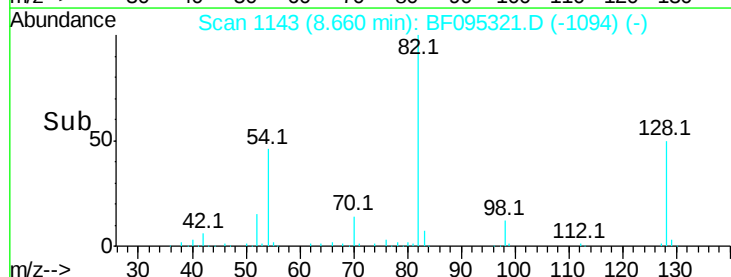
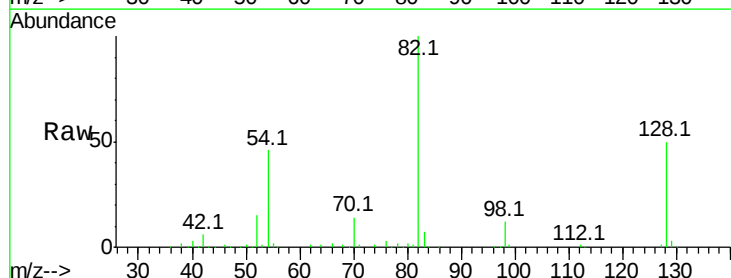
Tgt Ion: 82 Resp: 514266

Ion Ratio Lower Upper

82 100

128 49.9 34.0 51.0

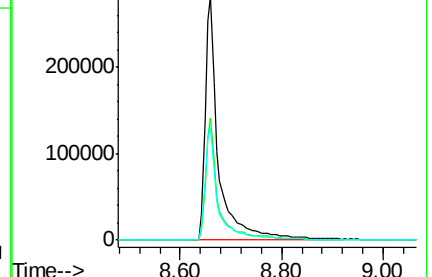
54 46.4 42.2 63.2

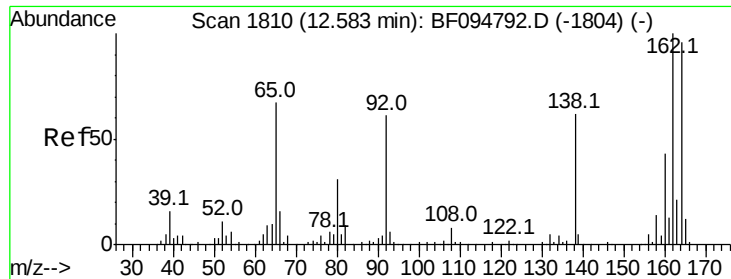


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095321.D

Acq: 22 May 2017 18:58

Instrument :

BNA_F

ClientSampleId :

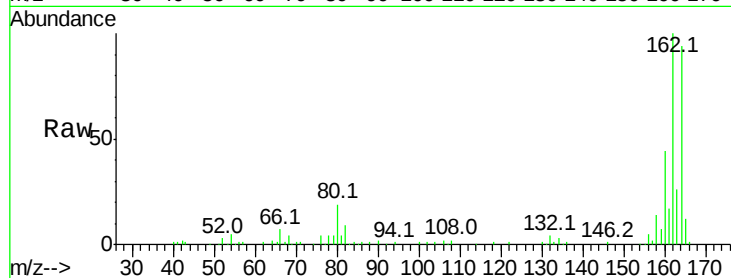
Tot Ion:164 Resp: 161381

Ion Ratio Lower Upper

164 100

162 106.2 82.6 123.8

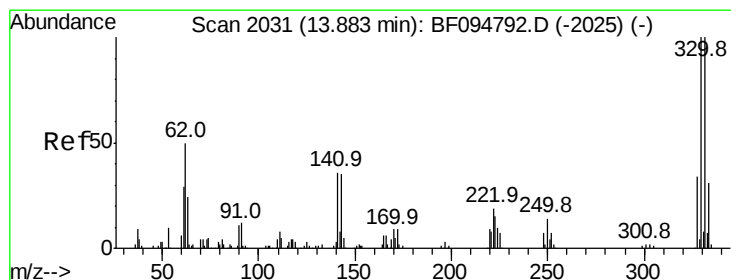
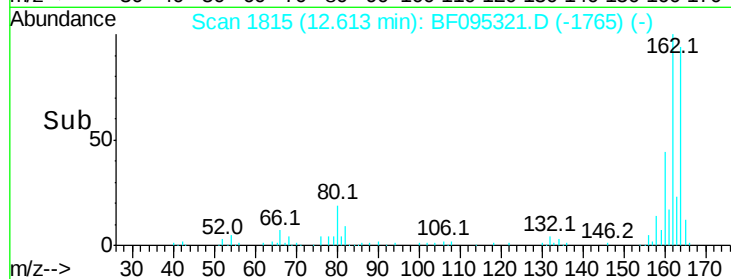
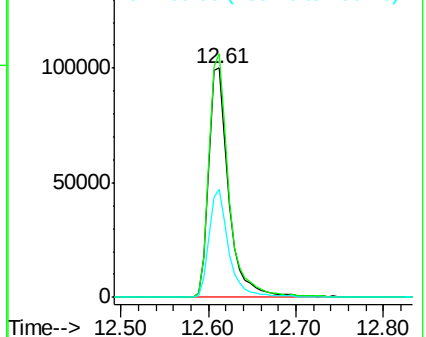
160 47.1 36.2 54.2



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: 147.28 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095321.D

Acq: 22 May 2017 18:58

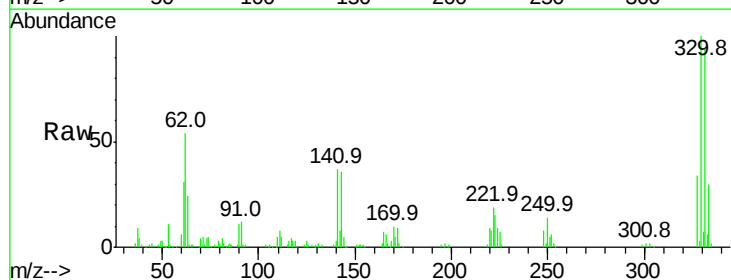
Tgt Ion:330 Resp: 194660

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

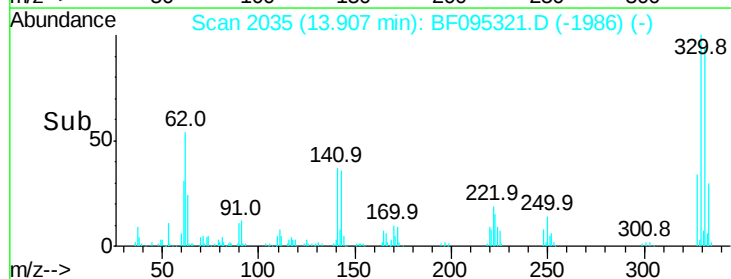
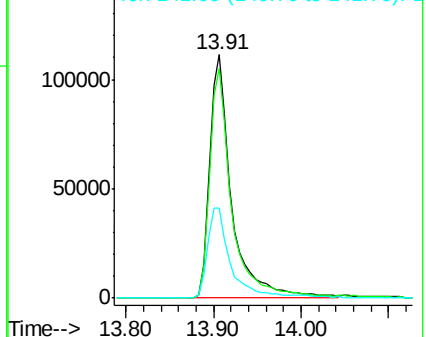
141 39.7 31.4 47.2



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

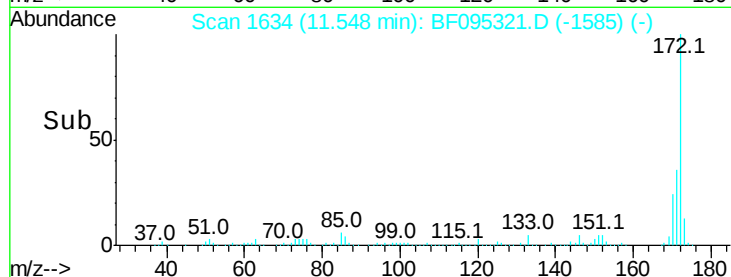
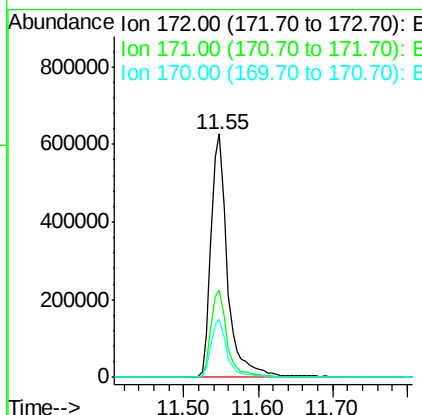
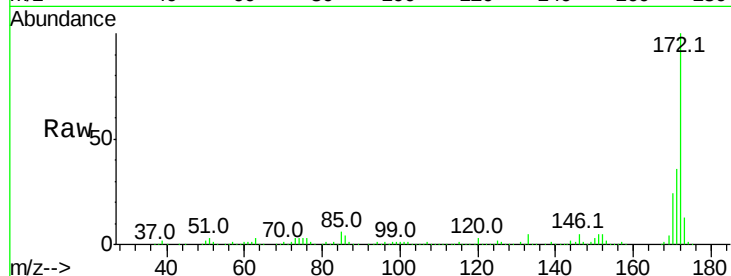




#44
2-Fluorobiphenyl
Concen: 86.14 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095321.D
Acq: 22 May 2017 18:58

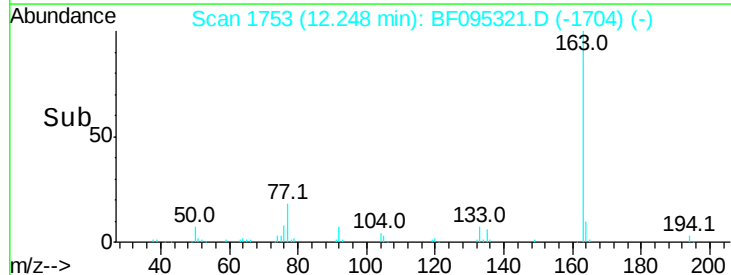
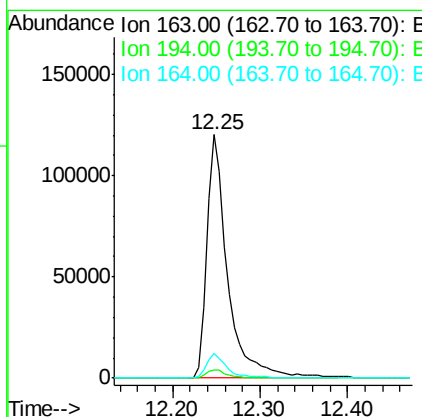
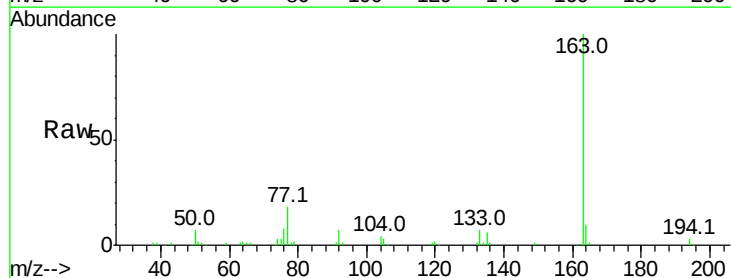
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 965773
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 14.95 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095321.D
Acq: 22 May 2017 18:58

Tgt Ion:163 Resp: 198037
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.4 12.6

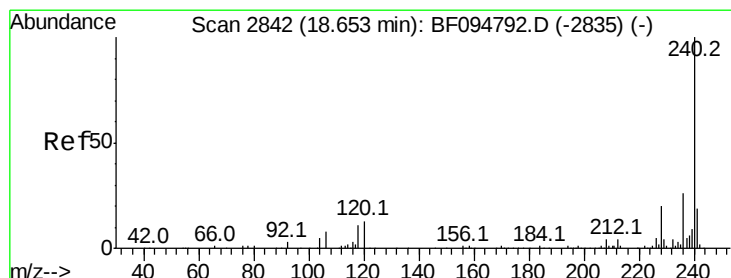
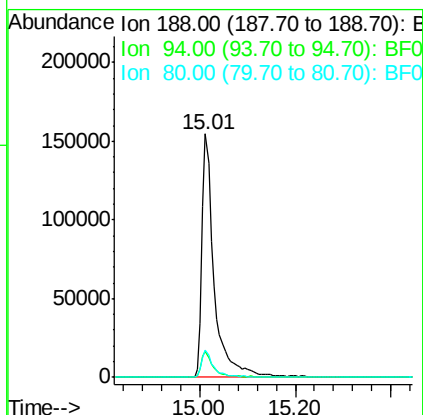
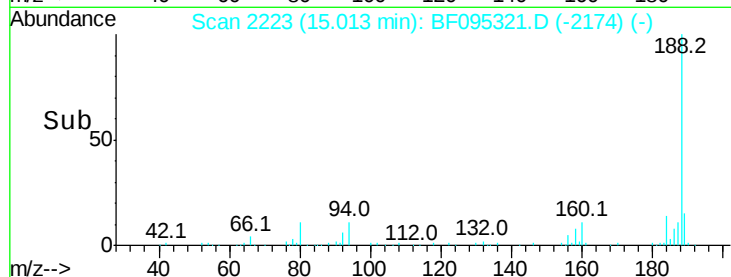
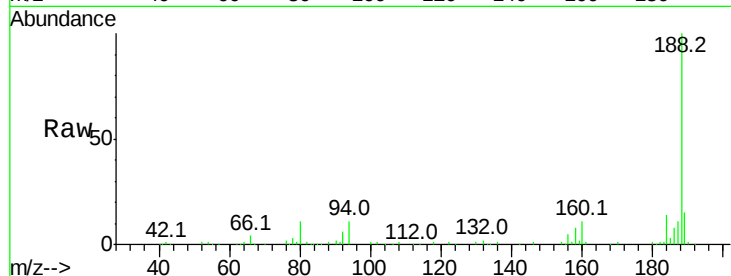




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095321.D
Acq: 22 May 2017 18:58

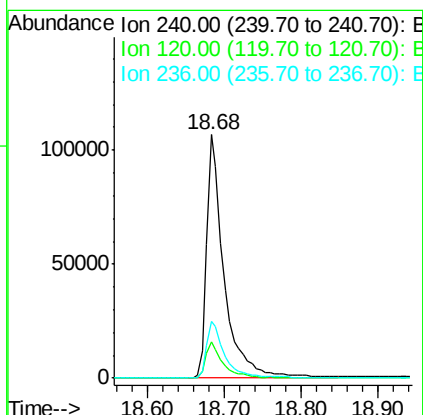
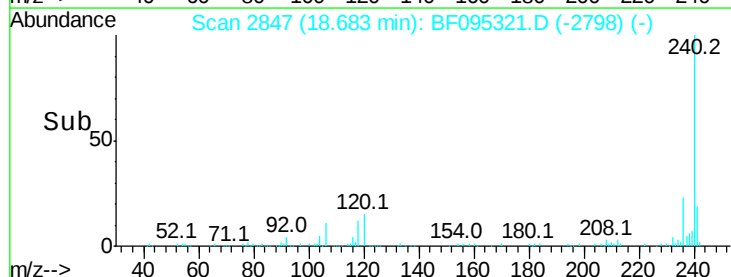
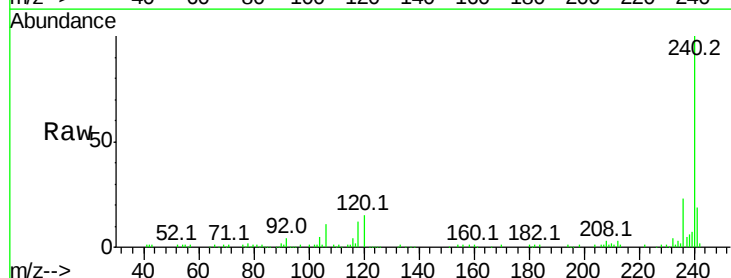
Instrument :
BNA_F
ClientSampleId :

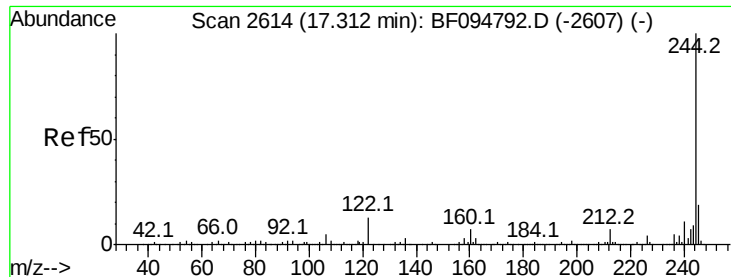
Tot Ion:188 Resp: 276658
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095321.D
Acq: 22 May 2017 18:58

Tgt Ion:240 Resp: 168481
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 23.2 20.5 30.7

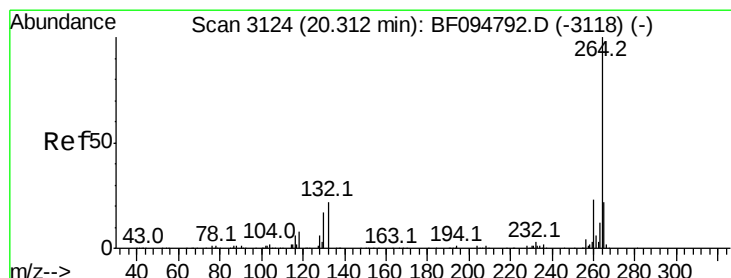
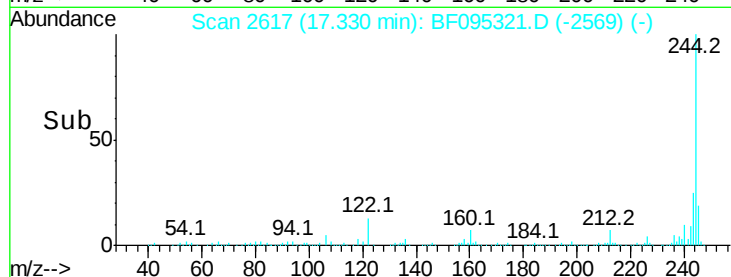
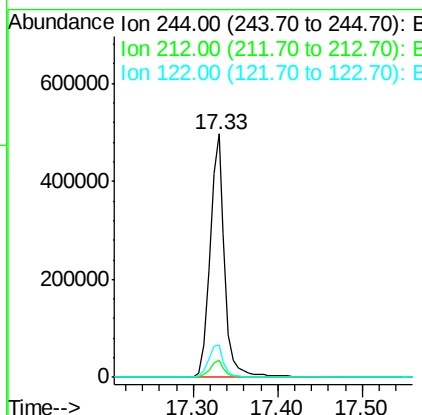
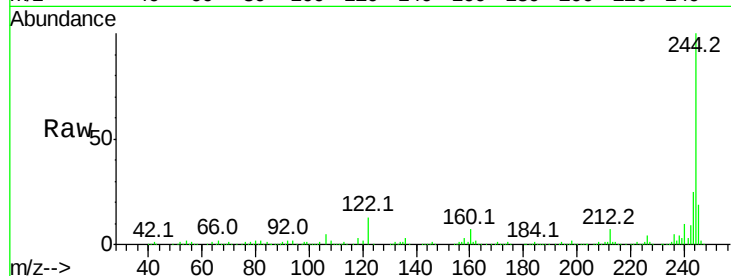




#78
 Terphenyl-d14
 Concen: 79.11 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095321.D
 Acq: 22 May 2017 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 605156
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095321.D
 Acq: 22 May 2017 18:58

Tgt Ion:264 Resp: 160094
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.5 29.3
 265 22.2 17.2 25.8

