

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095134.D
 Acq On : 15 May 2017 19:47
 Operator : SJ/MA
 Sample : I3144-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:58:42 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

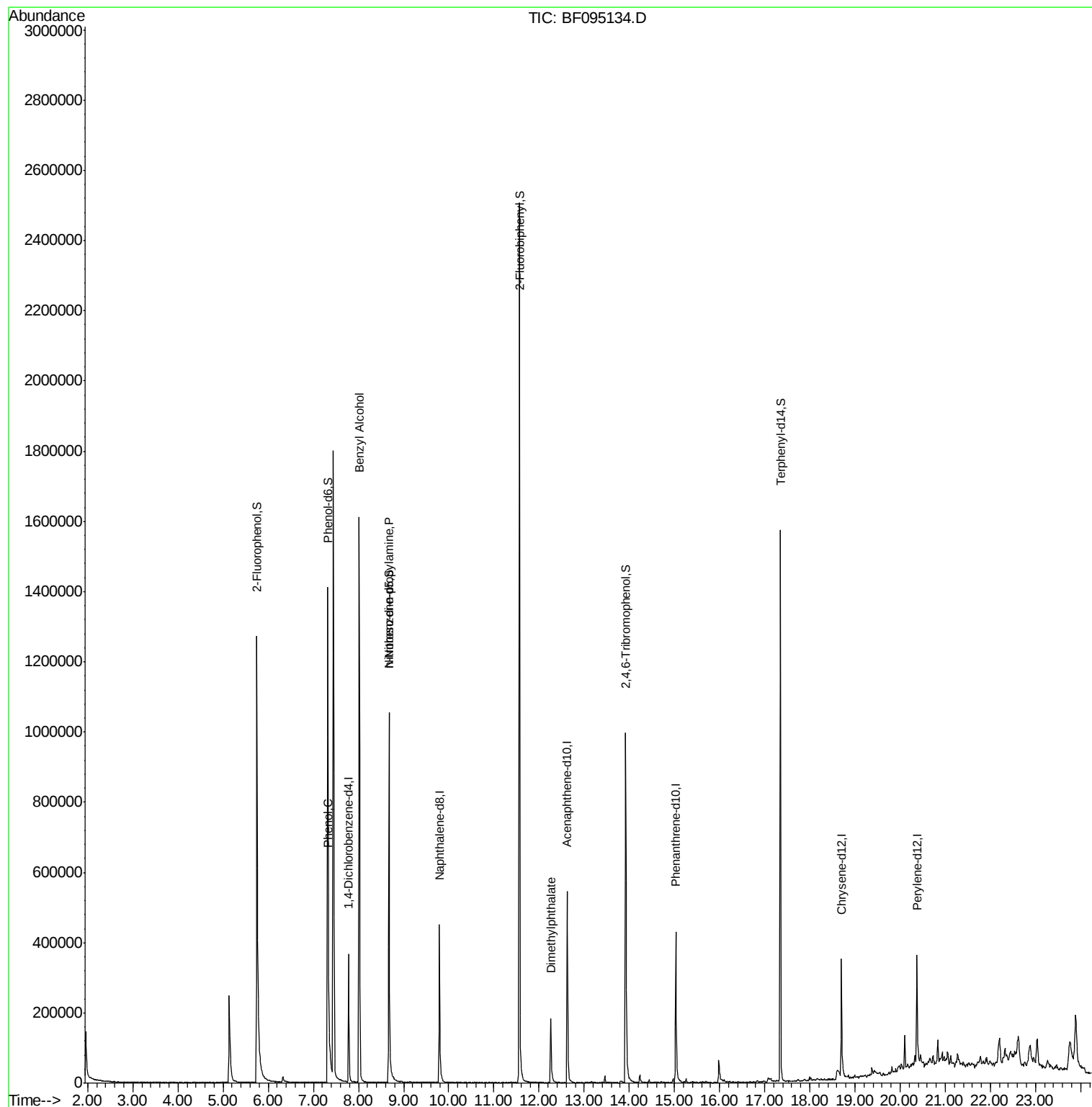
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82731	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	335294	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	168252	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	268522	20.00	ng	0.05
75) Chrysene-d12	18.70	240	170800	20.00	ng	0.05
86) Perylene-d12	20.37	264	169573	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	713533	143.79	ng	0.07
7) Phenol-d6	7.32	99	872777	146.59	ng	0.04
23) Nitrobenzene-d5	8.68	82	513456	96.57	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	186263	135.18	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1131627	96.81	ng	0.04
78) Terphenyl-d14	17.35	244	613622	79.13	ng	0.04
Target Compounds						
10) Phenol	7.34	94	15732	2.51	ng	# 49
15) Benzyl Alcohol	8.01	79	8459	2.21	ng	# 44
19) n-Nitroso-di-n-propylamine	8.68	70	63998	15.89	ng	# 76
49) Dimethylphthalate	12.26	163	150818	10.92	ng	97

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

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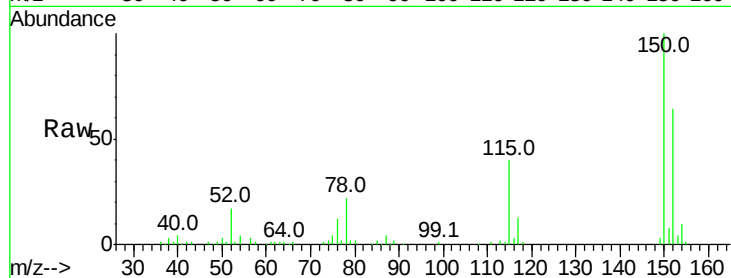


#1

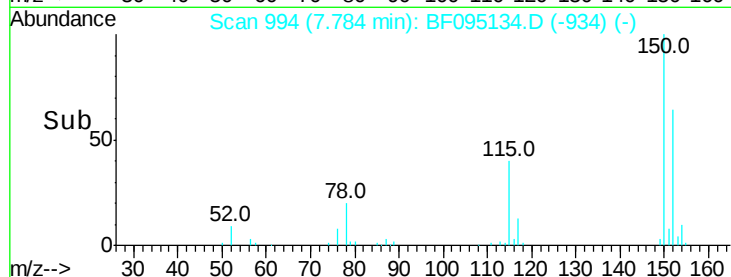
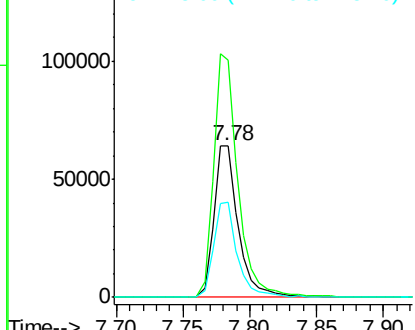
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82731
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 62.4 52.2 78.2



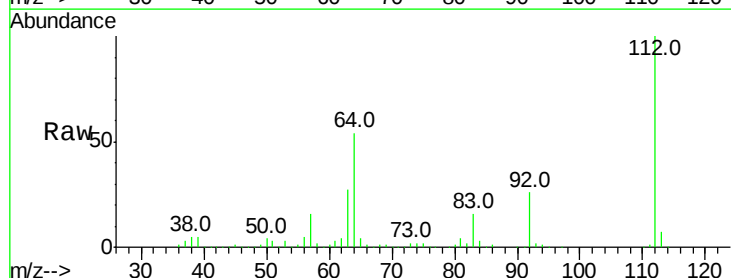
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



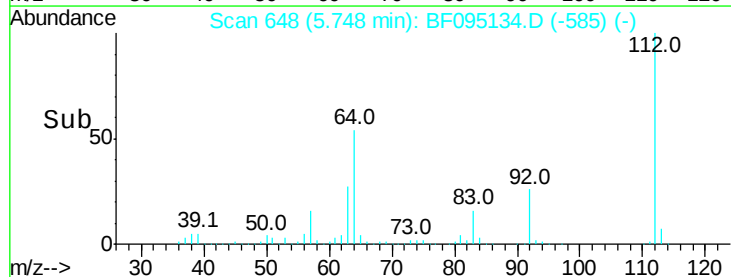
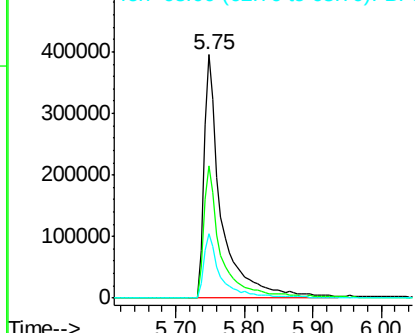
#5

2-Fluorophenol
Concen: 143.79 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

Tgt Ion:112 Resp: 713533
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 26.5 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: 146.59 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

Instrument :

BNA_F

ClientSampleId :

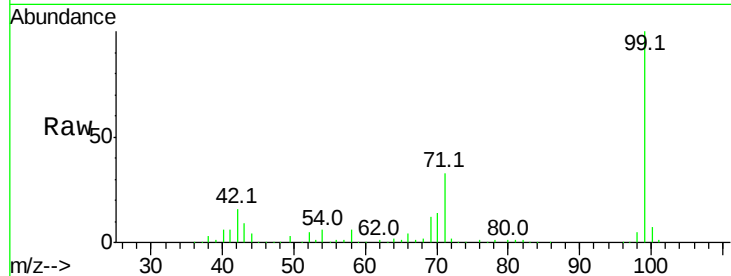
Tot Ion: 99 Resp: 872777

Ion Ratio Lower Upper

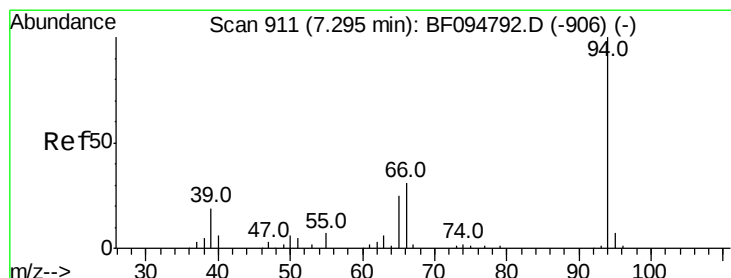
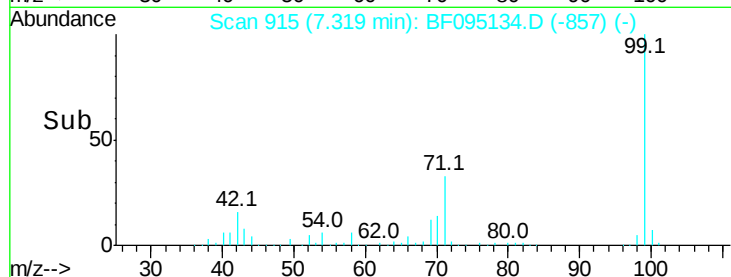
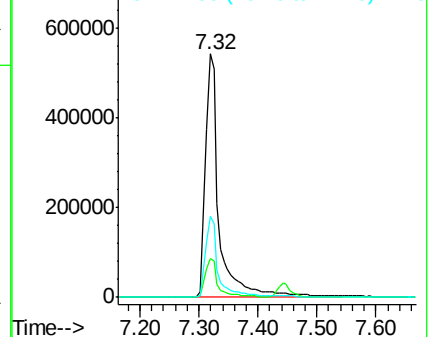
99 100

42 15.9 13.5 20.3

71 33.3 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: 2.51 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

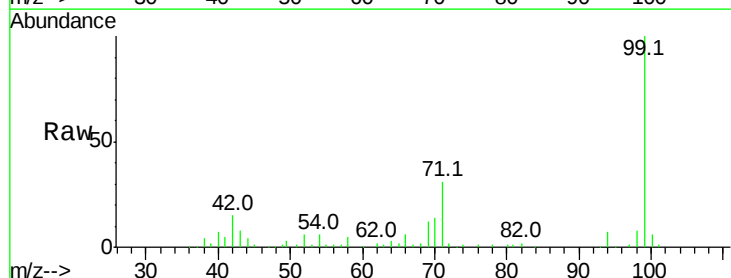
Tgt Ion: 94 Resp: 15732

Ion Ratio Lower Upper

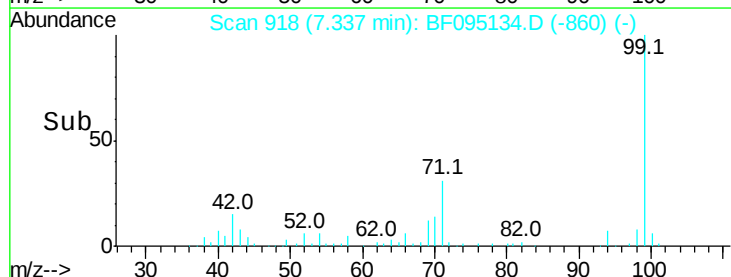
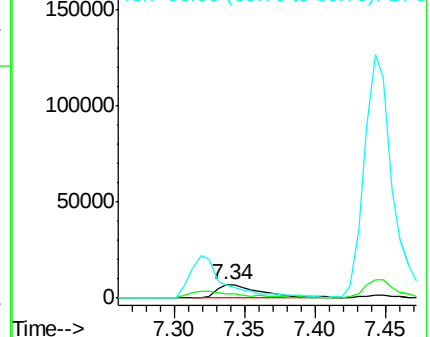
94 100

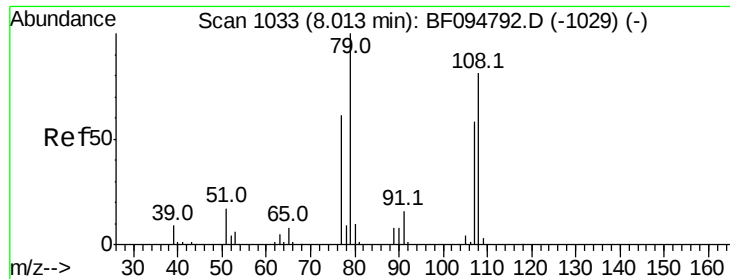
65 34.0 9.9 49.9

66 95.0 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

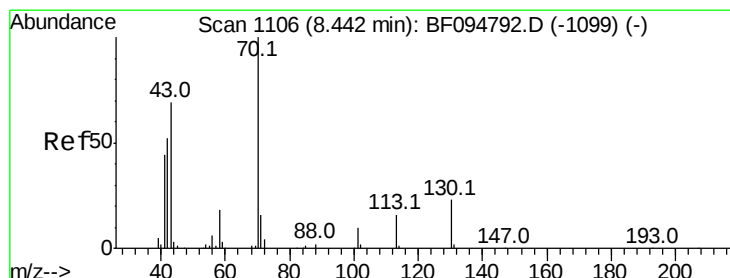
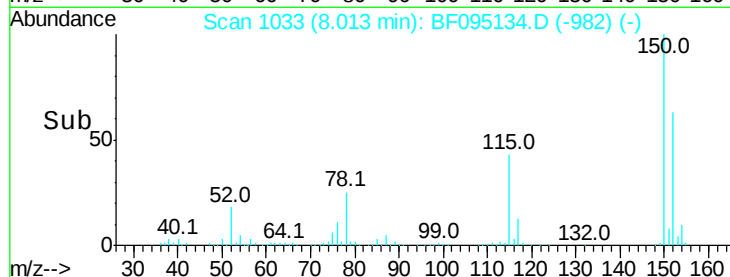
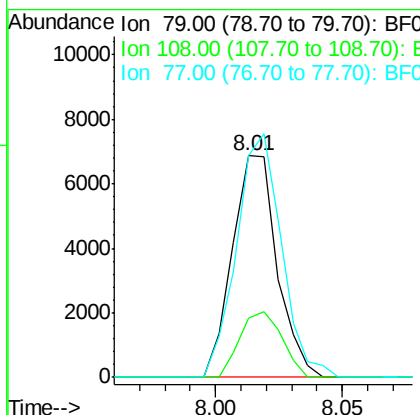
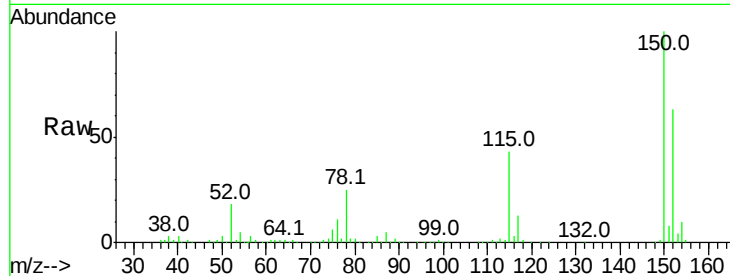




#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 8.01 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

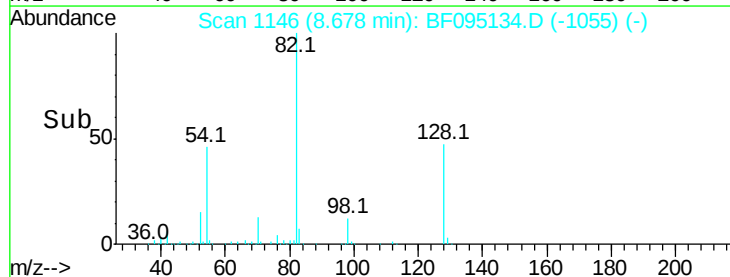
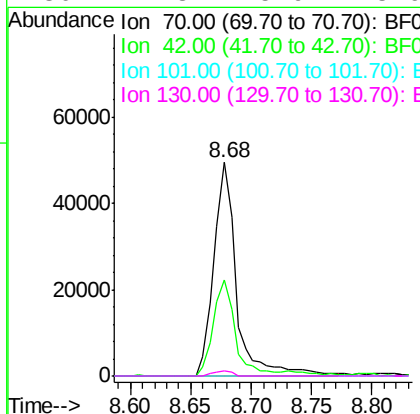
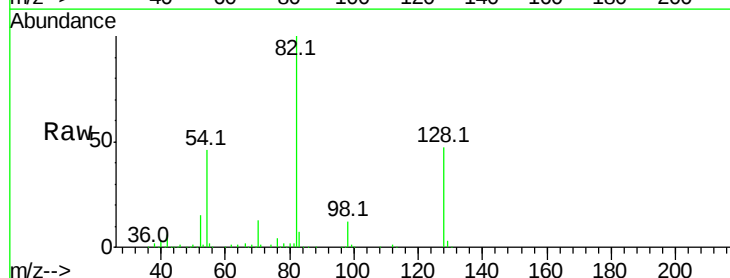
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 8459
Ion Ratio Lower Upper
79 100
108 26.7 63.4 95.0#
77 99.9 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.89 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.24 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

Tgt Ion: 70 Resp: 63998
Ion Ratio Lower Upper
70 100
42 44.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 335294

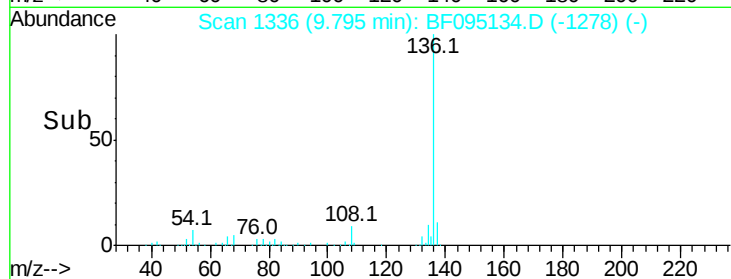
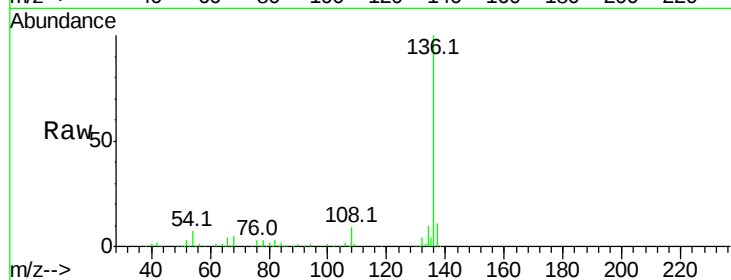
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

68 4.8 4.1 6.1

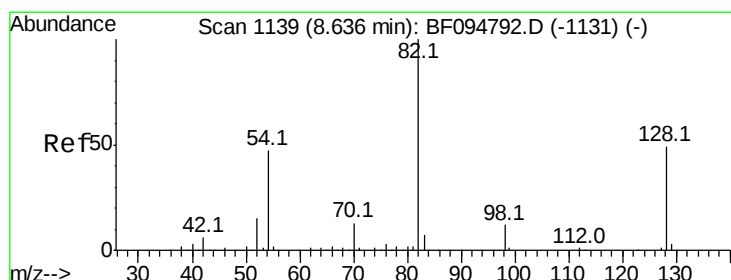
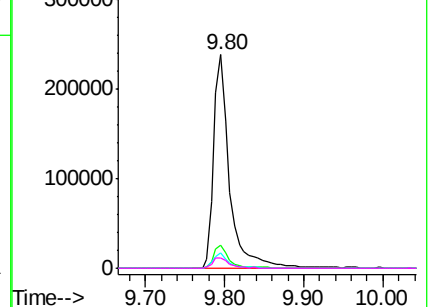


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.57 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.04 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

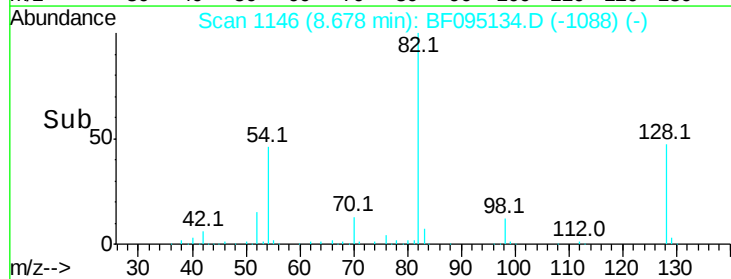
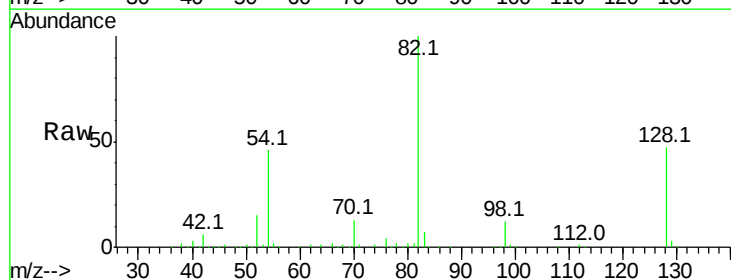
Tgt Ion: 82 Resp: 513456

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

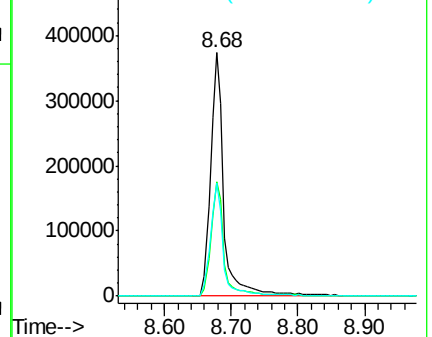
54 46.2 42.2 63.2

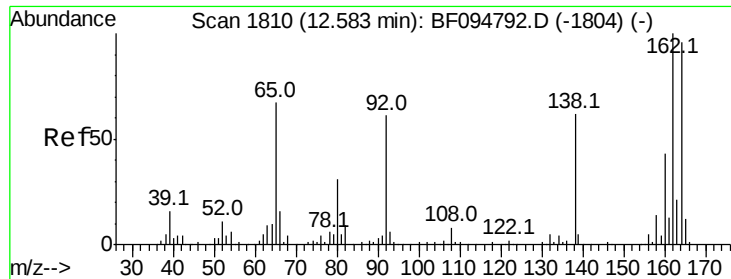


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.62 min Scan# 1817

Delta R.T. 0.04 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

Instrument :

BNA_F

ClientSampleId :

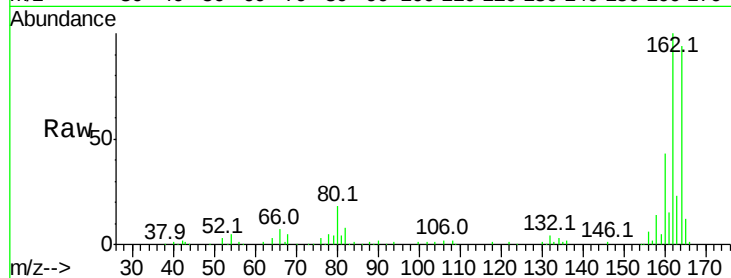
Tot Ion:164 Resp: 168252

Ion Ratio Lower Upper

164 100

162 106.4 82.6 123.8

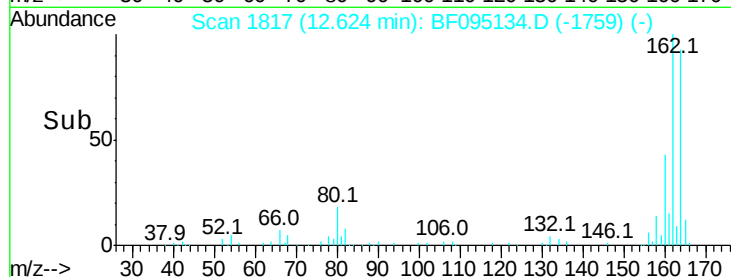
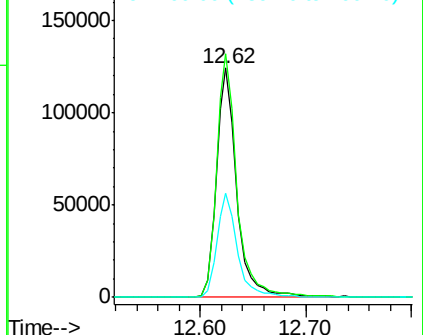
160 45.2 36.2 54.2



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: 135.18 ng

RT: 13.92 min Scan# 2038

Delta R.T. 0.04 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

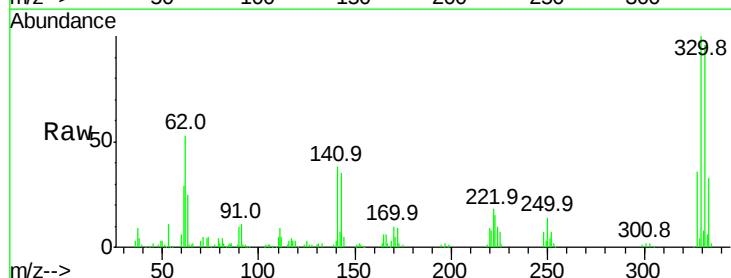
Tgt Ion:330 Resp: 186263

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

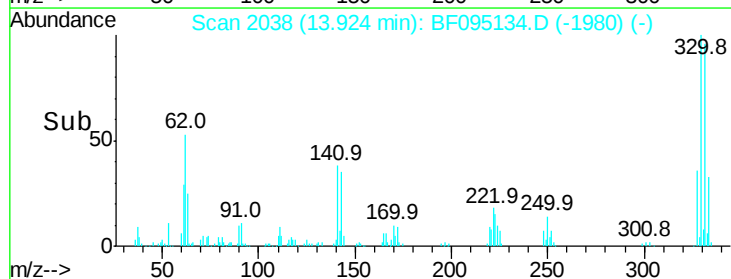
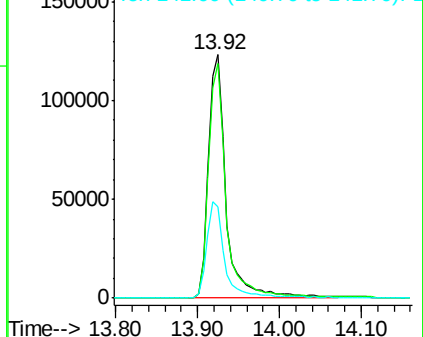
141 39.2 31.4 47.2



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

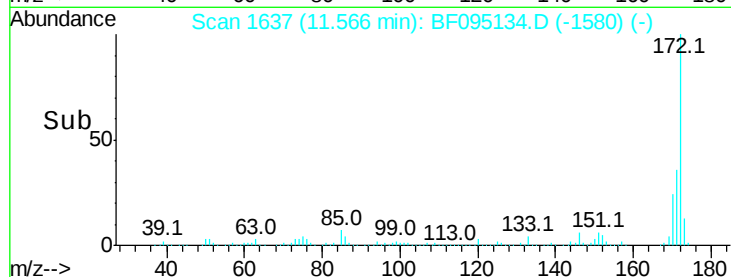
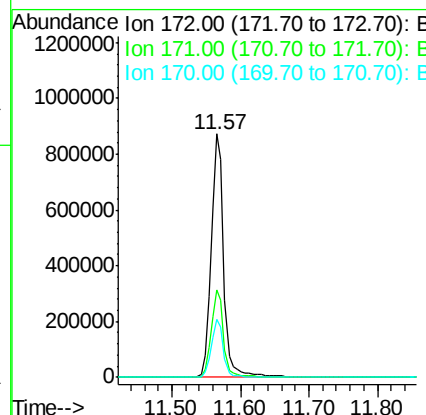
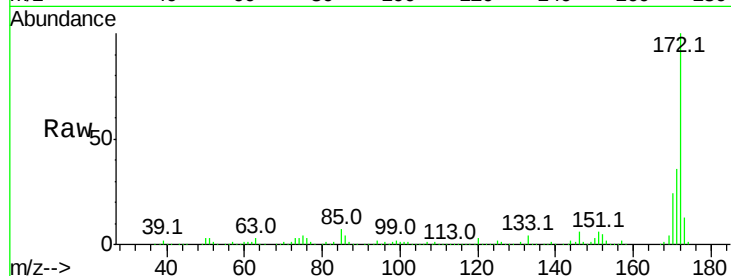




#44
2-Fluorobiphenyl
Concen: 96.81 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

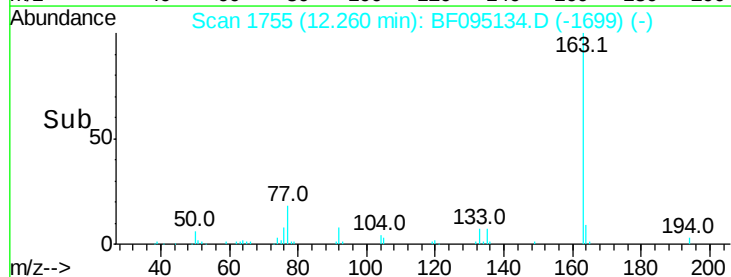
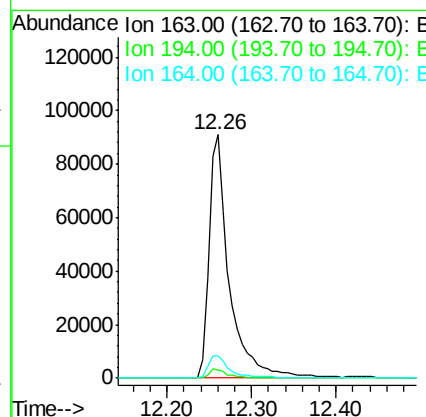
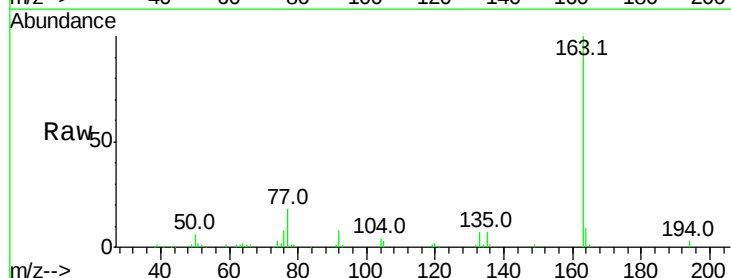
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1131627
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 10.92 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095134.D
Acq: 15 May 2017 19:47

Tgt Ion:163 Resp: 150818
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 8.9 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.03 min Scan# 2226

Delta R.T. 0.05 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

Instrument :

BNA_F

ClientSampleId :

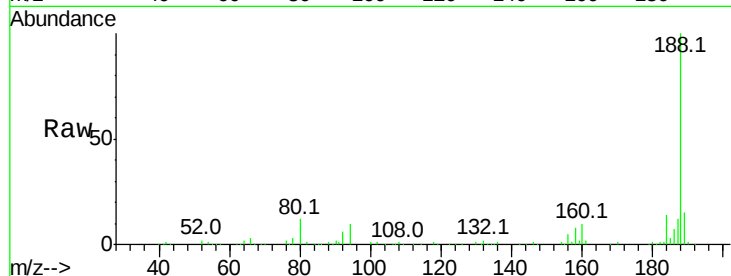
Tot Ion:188 Resp: 268522

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

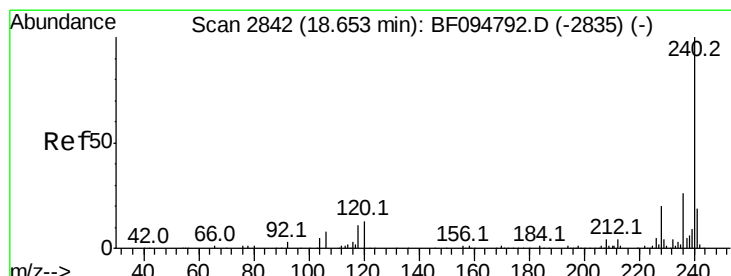
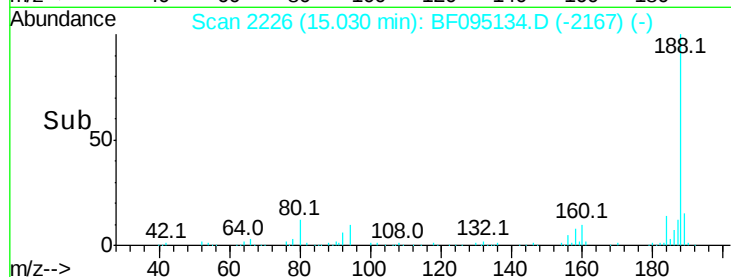
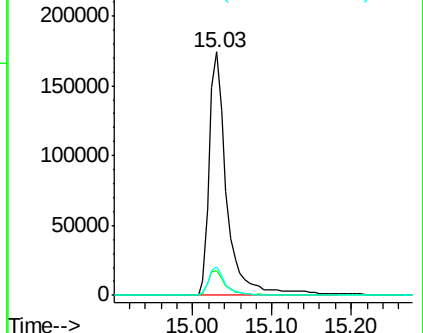
80 11.7 10.2 15.2



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: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095134.D

Acq: 15 May 2017 19:47

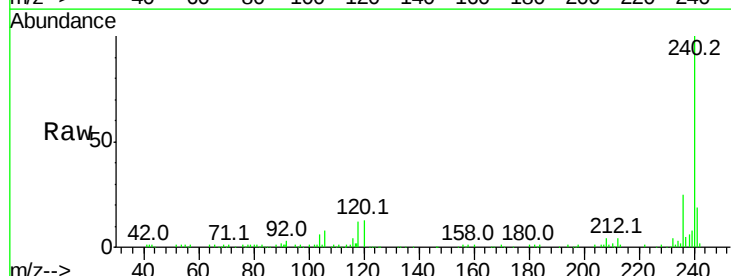
Tgt Ion:240 Resp: 170800

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

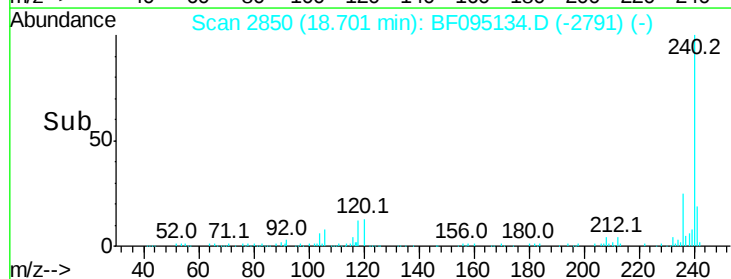
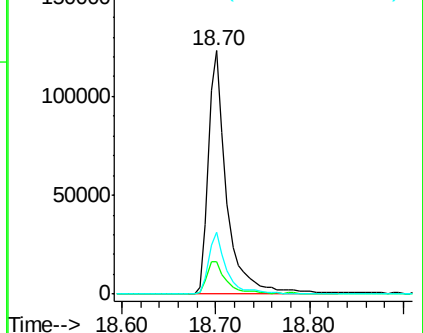
236 25.4 20.5 30.7

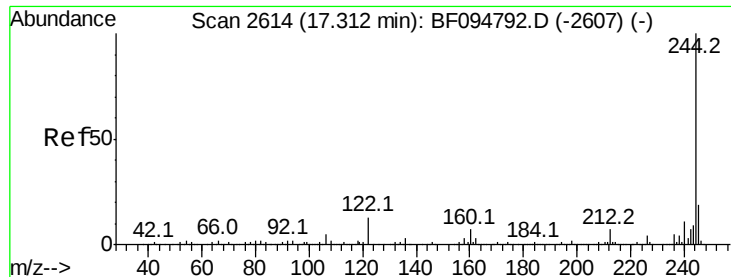


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

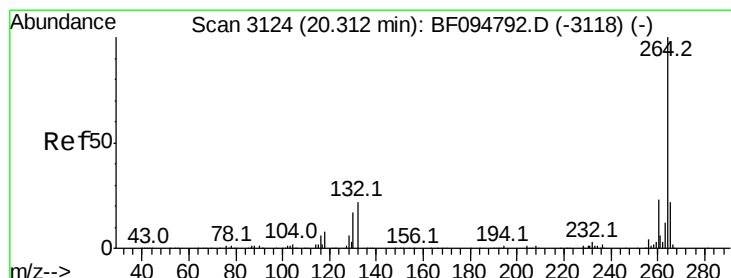
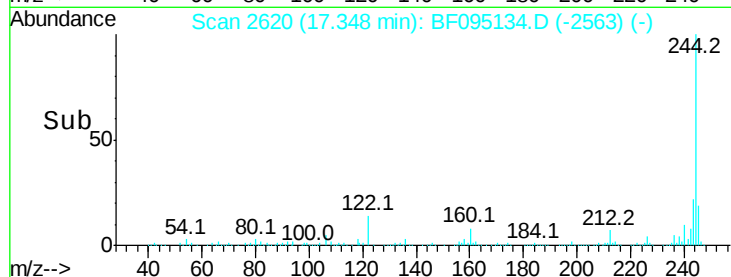
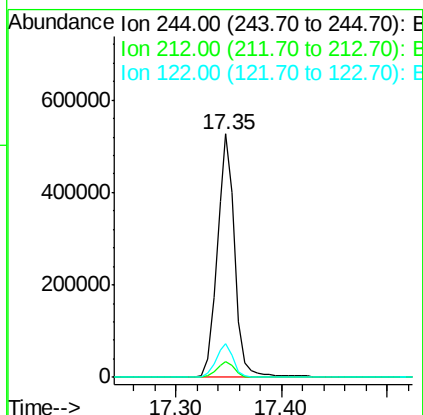
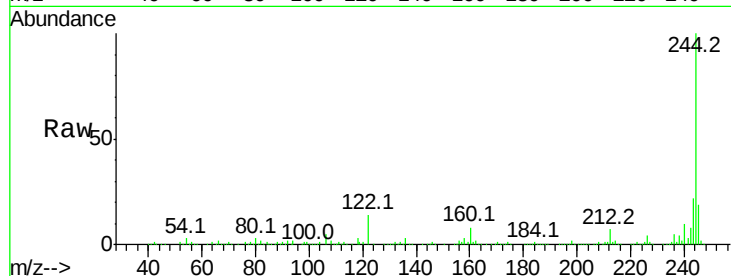




#78
 Terphenyl-d14
 Concen: 79.13 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095134.D
 Acq: 15 May 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 613622
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095134.D
 Acq: 15 May 2017 19:47

Tgt Ion:264 Resp: 169573
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.4 17.2 25.8

