

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095296.D
 Acq On : 20 May 2017 10:26
 Operator : SJ/MA
 Sample : I3199-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:55:57 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

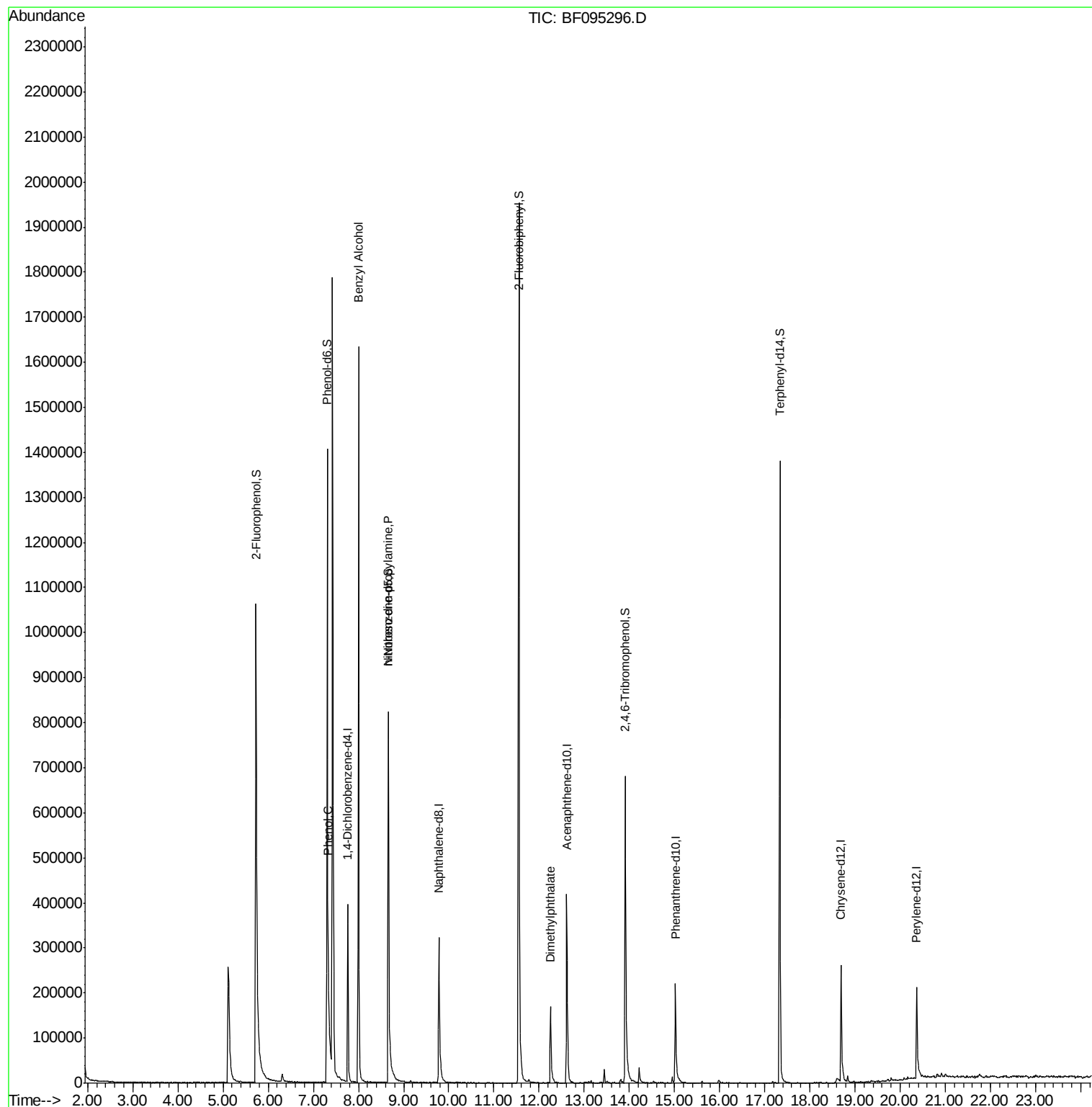
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	89185	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	310122	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	148465	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	182233	20.00	ng	0.00
75) Chrysene-d12	18.69	240	164946	20.00	ng	0.00
86) Perylene-d12	20.36	264	138306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	743985	139.08	ng	-0.01
7) Phenol-d6	7.31	99	987072	153.79	ng	0.00
23) Nitrobenzene-d5	8.66	82	514734	104.66	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	160248	131.80	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1059416	102.71	ng	0.00
78) Terphenyl-d14	17.34	244	586239	78.28	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	15256	2.26	ng	# 43
15) Benzyl Alcohol	8.00	79	8404	2.04	ng	# 49
19) n-Nitroso-di-n-propylamine	8.66	70	61047	14.06	ng	# 73
49) Dimethylphthalate	12.25	163	157886	12.95	ng	# 99

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

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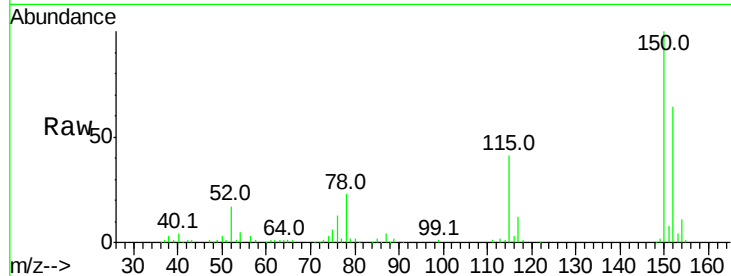


#1

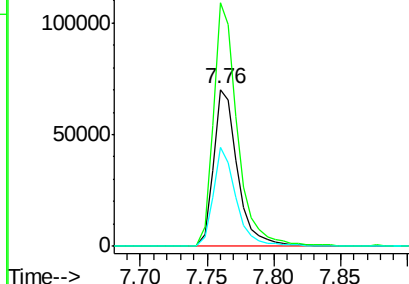
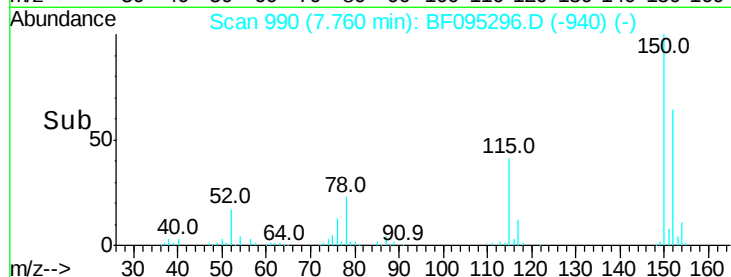
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095296.D
Acq: 20 May 2017 10:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89185
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 63.0 52.2 78.2



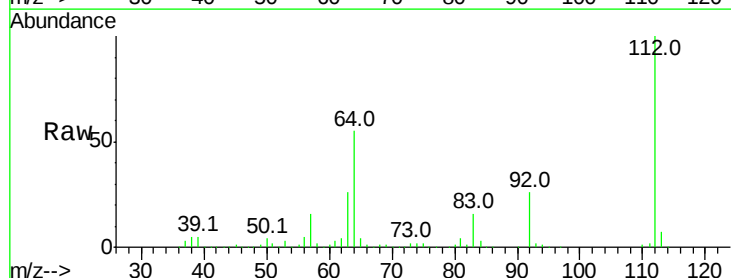
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



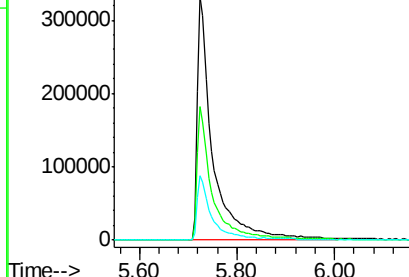
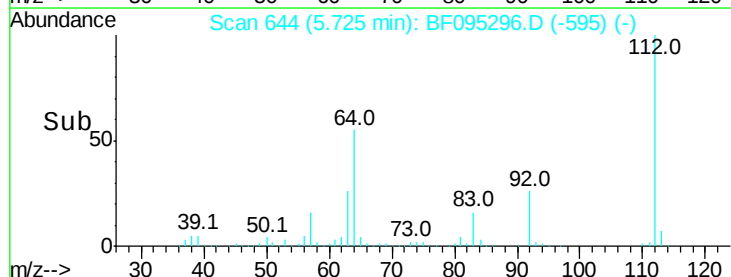
#5

2-Fluorophenol
Concen: 139.08 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095296.D
Acq: 20 May 2017 10:26

Tgt Ion:112 Resp: 743985
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 26.2 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: 153.79 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095296.D

Acq: 20 May 2017 10:26

Instrument :

BNA_F

ClientSampled :

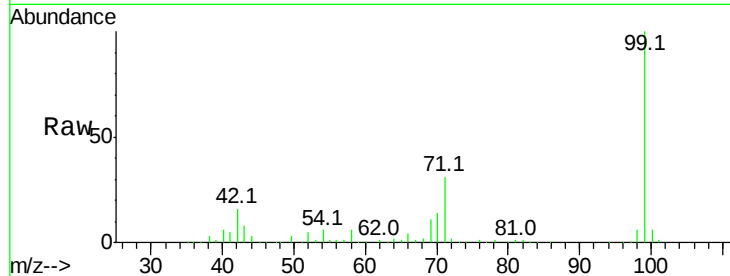
Tot Ion: 99 Resp: 987072

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

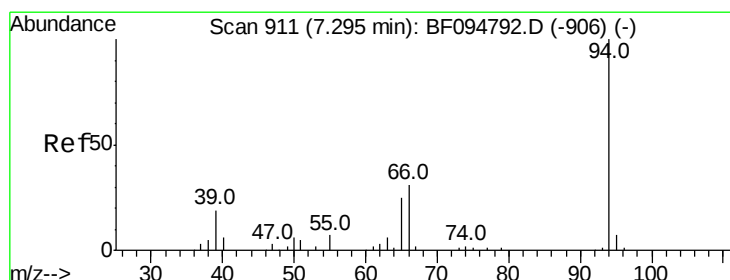
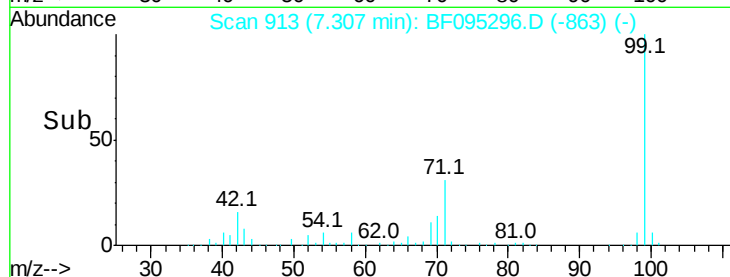
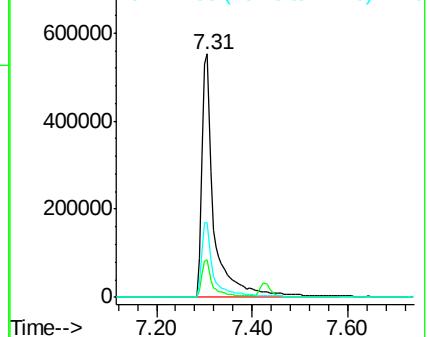
71 30.9 24.5 36.7



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: 2.26 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095296.D

Acq: 20 May 2017 10:26

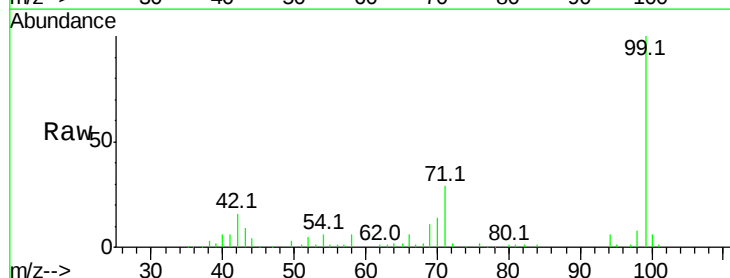
Tgt Ion: 94 Resp: 15256

Ion Ratio Lower Upper

94 100

65 39.0 9.9 49.9

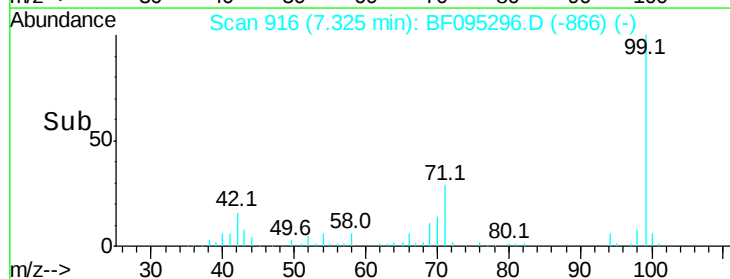
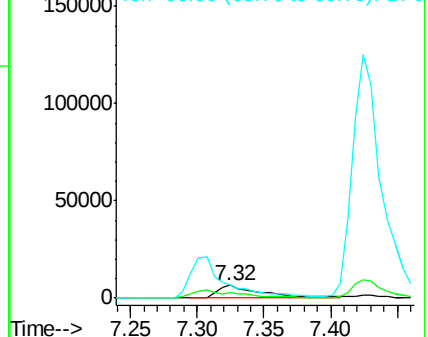
66 97.2 23.1 63.1#

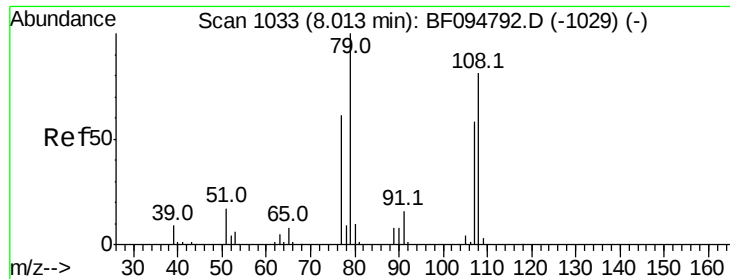


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

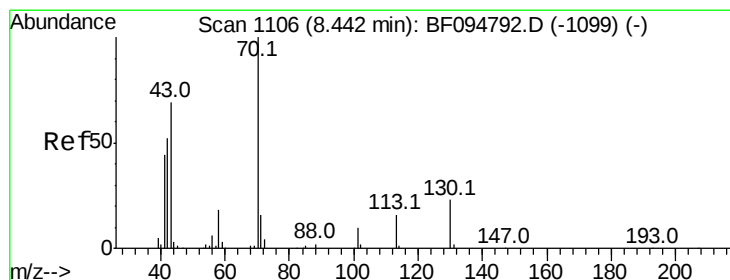
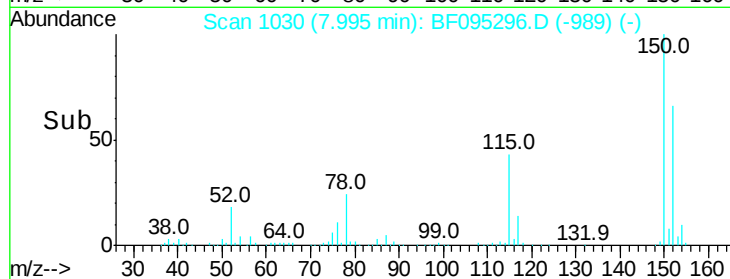
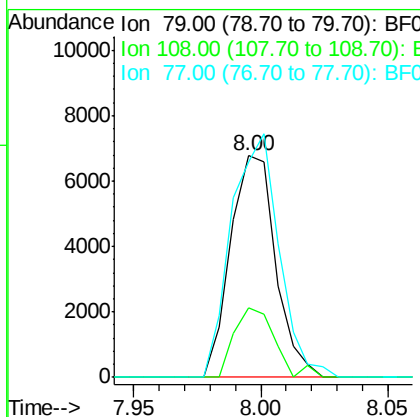
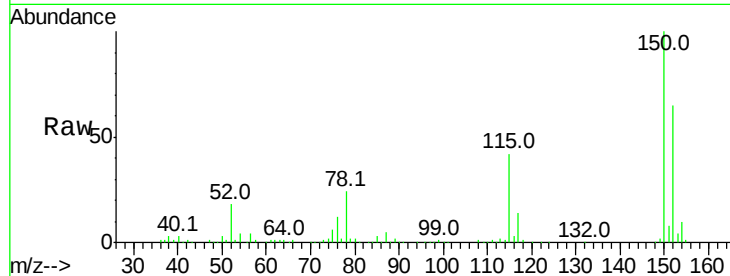




#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF095296.D
Acq: 20 May 2017 10:26

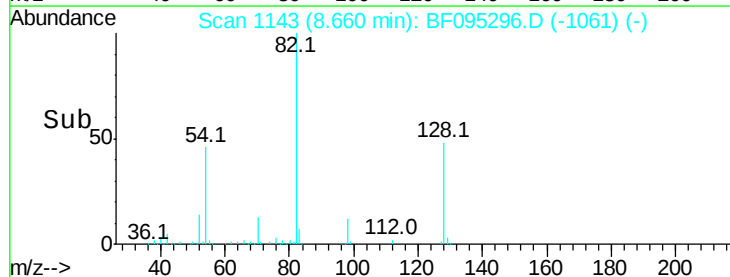
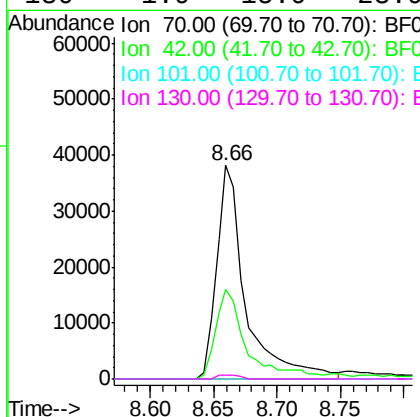
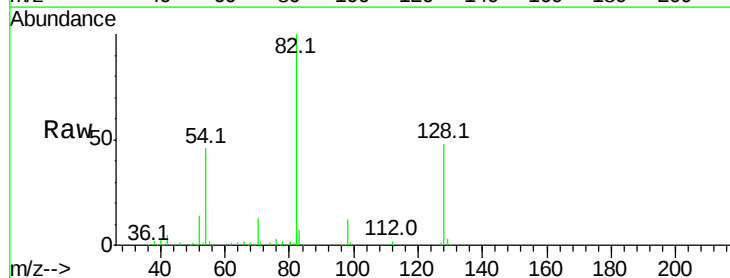
Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 8404
Ion Ratio Lower Upper
79 100
108 31.7 63.4 95.0#
77 97.1 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.06 ng
RT: 8.66 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095296.D
Acq: 20 May 2017 10:26

Tgt Ion: 70 Resp: 61047
Ion Ratio Lower Upper
70 100
42 42.0 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF095296.D

Acq: 20 May 2017 10:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 310122

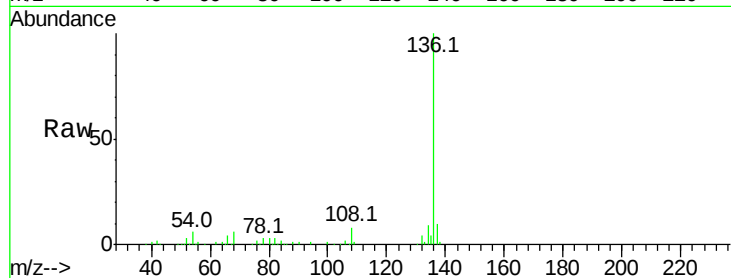
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

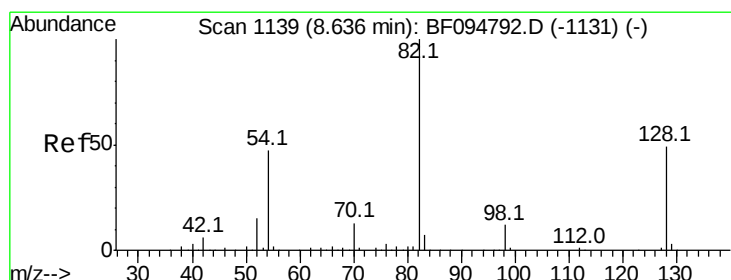
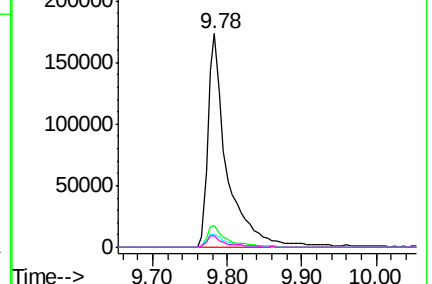
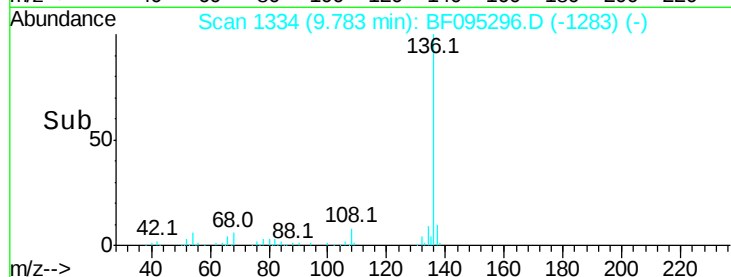


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.66 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095296.D

Acq: 20 May 2017 10:26

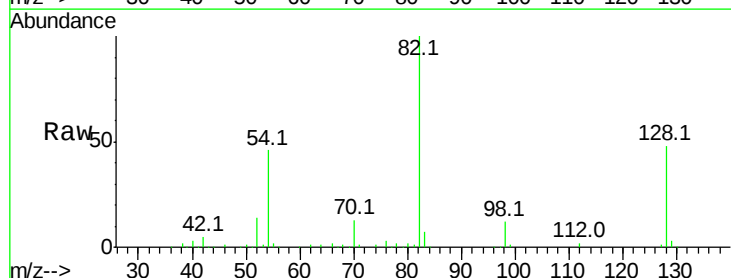
Tgt Ion: 82 Resp: 514734

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

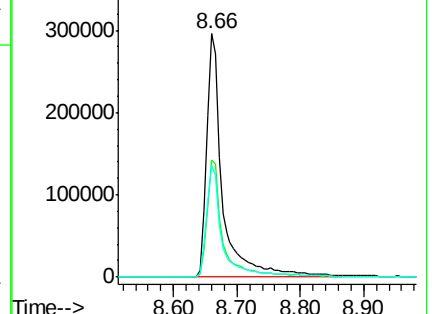
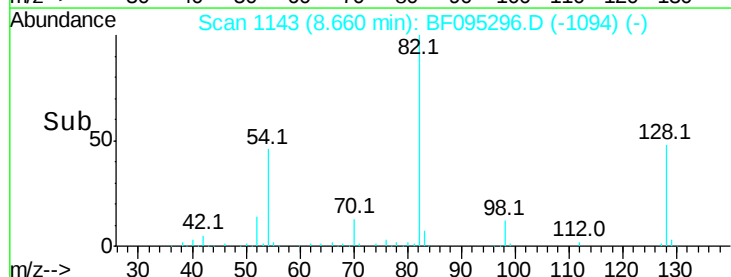
54 45.9 42.2 63.2

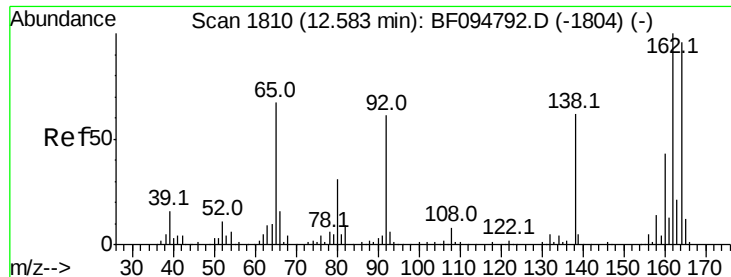


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF095296.D

Acq: 20 May 2017 10:26

Instrument :

BNA_F

ClientSampleId :

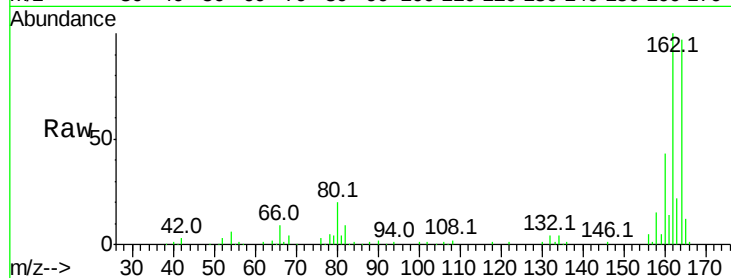
Tot Ion:164 Resp: 148465

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

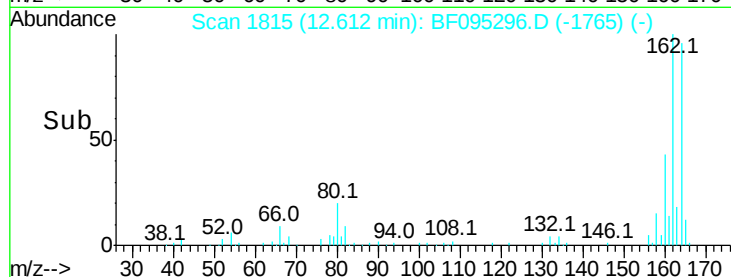
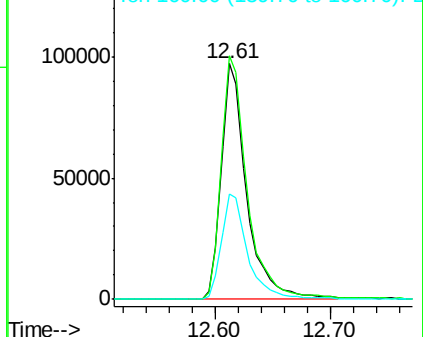
160 44.6 36.2 54.2



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: 131.80 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095296.D

Acq: 20 May 2017 10:26

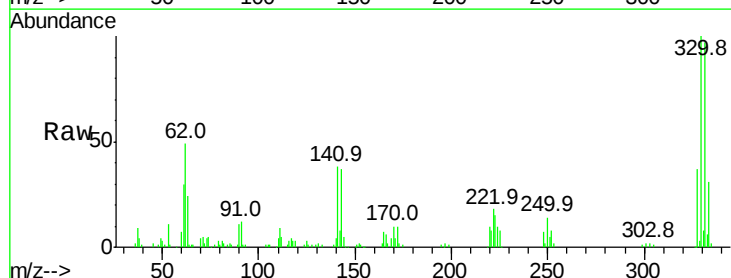
Tgt Ion:330 Resp: 160248

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

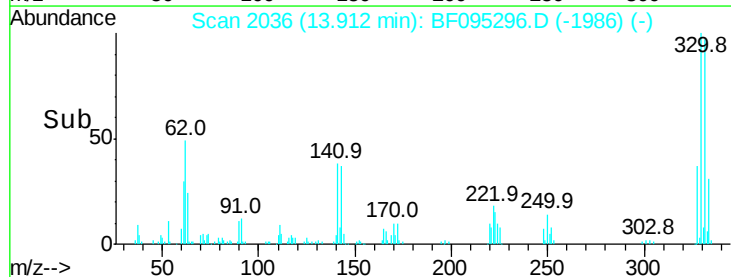
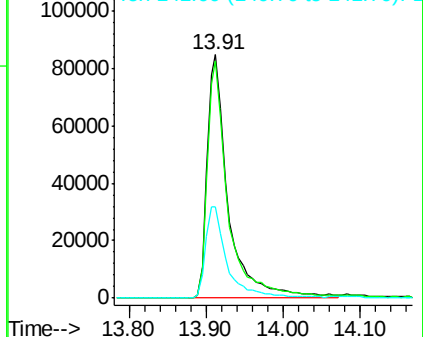
141 38.3 31.4 47.2



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

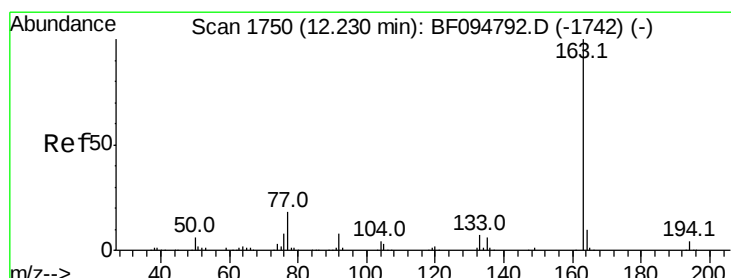
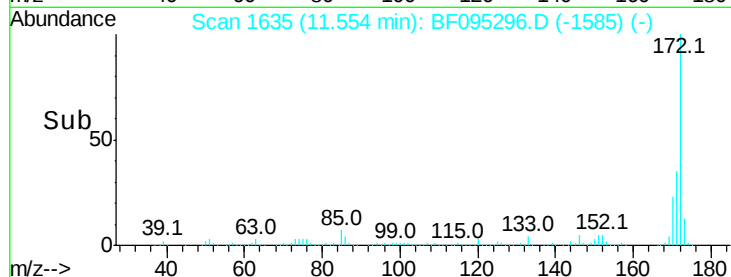
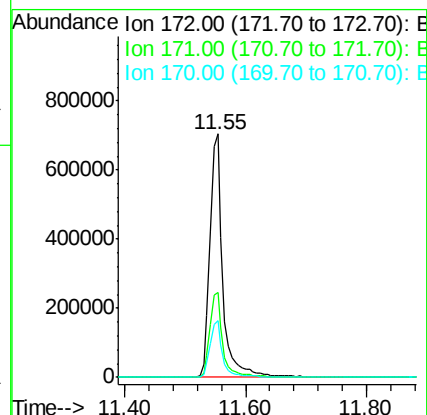
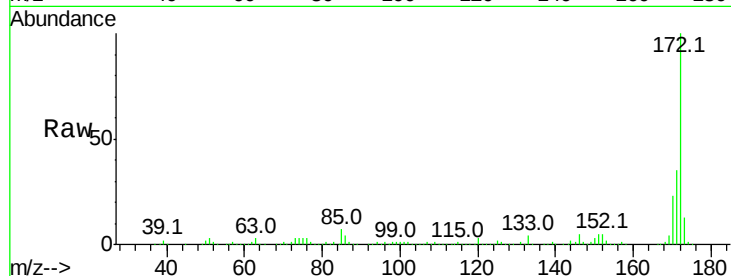




#44
2-Fluorobiphenyl
Concen: 102.71 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095296.D
Acq: 20 May 2017 10:26

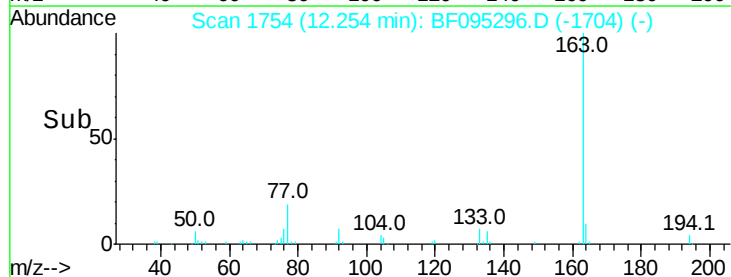
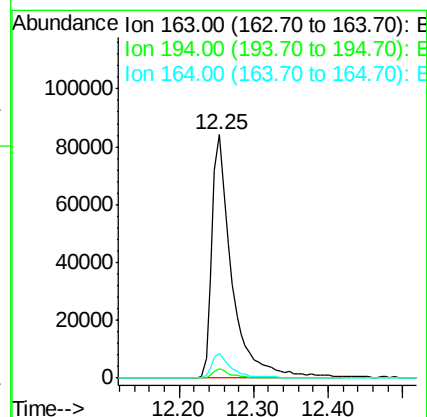
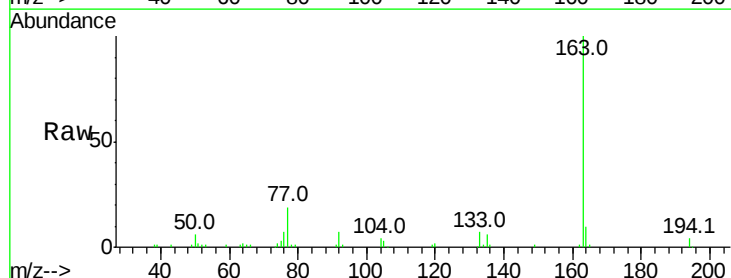
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1059416
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 12.95 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095296.D
Acq: 20 May 2017 10:26

Tgt Ion:163 Resp: 157886
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 10.1 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF095296.D

Acq: 20 May 2017 10:26

Instrument :

BNA_F

ClientSampleId :

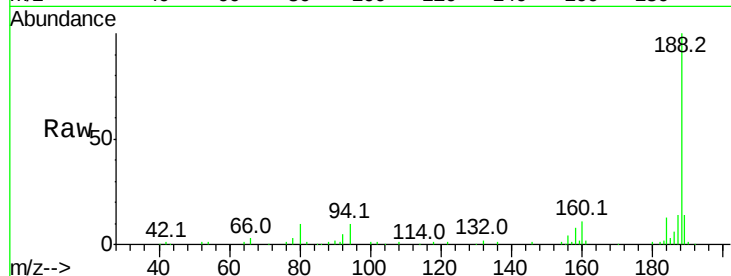
Tot Ion:188 Resp: 182233

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

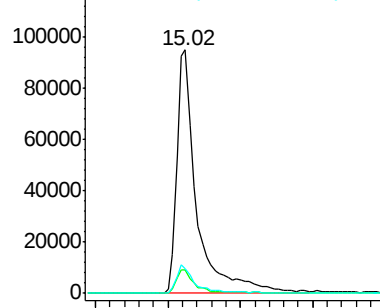
80 10.3 10.2 15.2



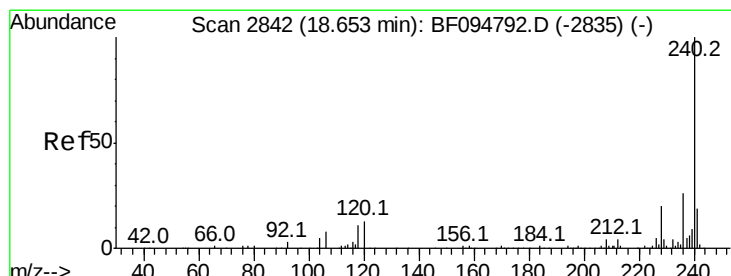
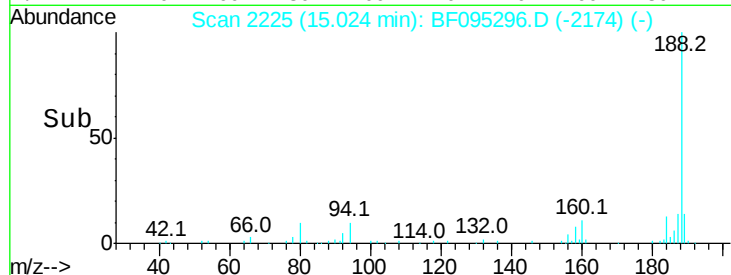
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 14.90 15.00 15.10 15.20



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095296.D

Acq: 20 May 2017 10:26

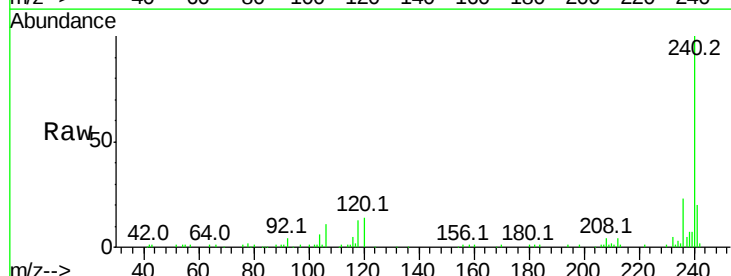
Tgt Ion:240 Resp: 164946

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

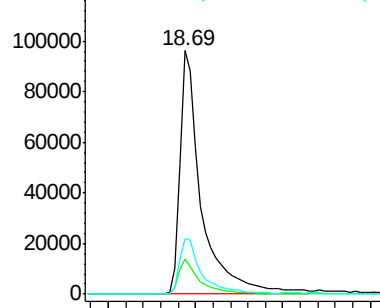
236 22.8 20.5 30.7



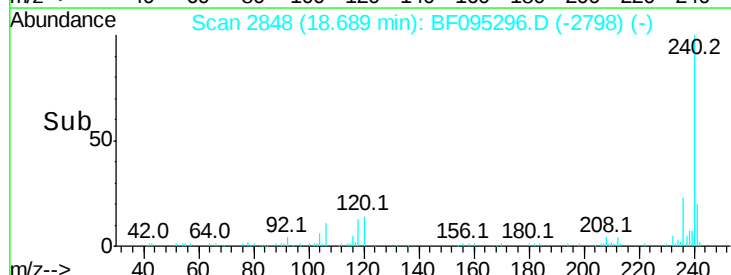
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 18.60 18.70 18.80

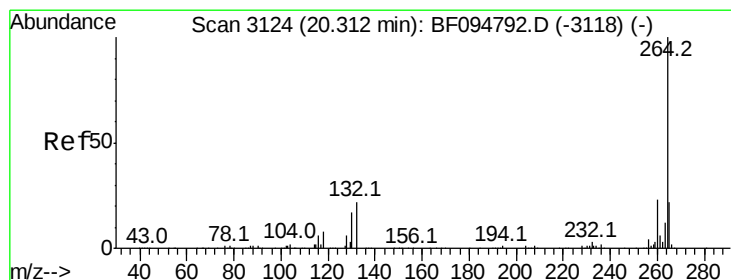
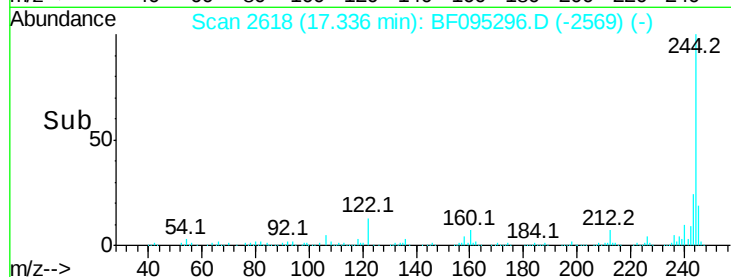
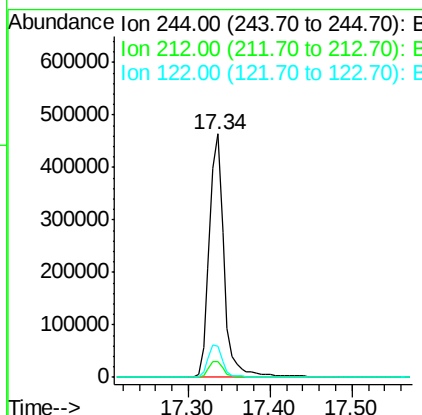
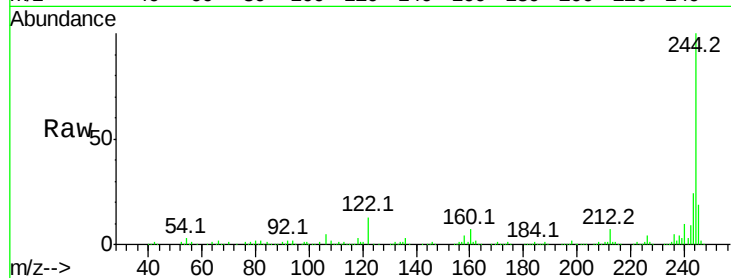




#78
 Terphenyl-d14
 Concen: 78.28 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095296.D
 Acq: 20 May 2017 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 586239
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095296.D
 Acq: 20 May 2017 10:26

Tgt Ion:264 Resp: 138306
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.6 17.2 25.8

