

Data Path : Z:\HPCHEM1\BNA_F\Data\BF120815\
 Data File : BF083626.D
 Acq On : 9 Dec 2015 7:09
 Operator : UM/IZ
 Sample : G4647-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-5(0-2)

Quant Time: Dec 09 07:37:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

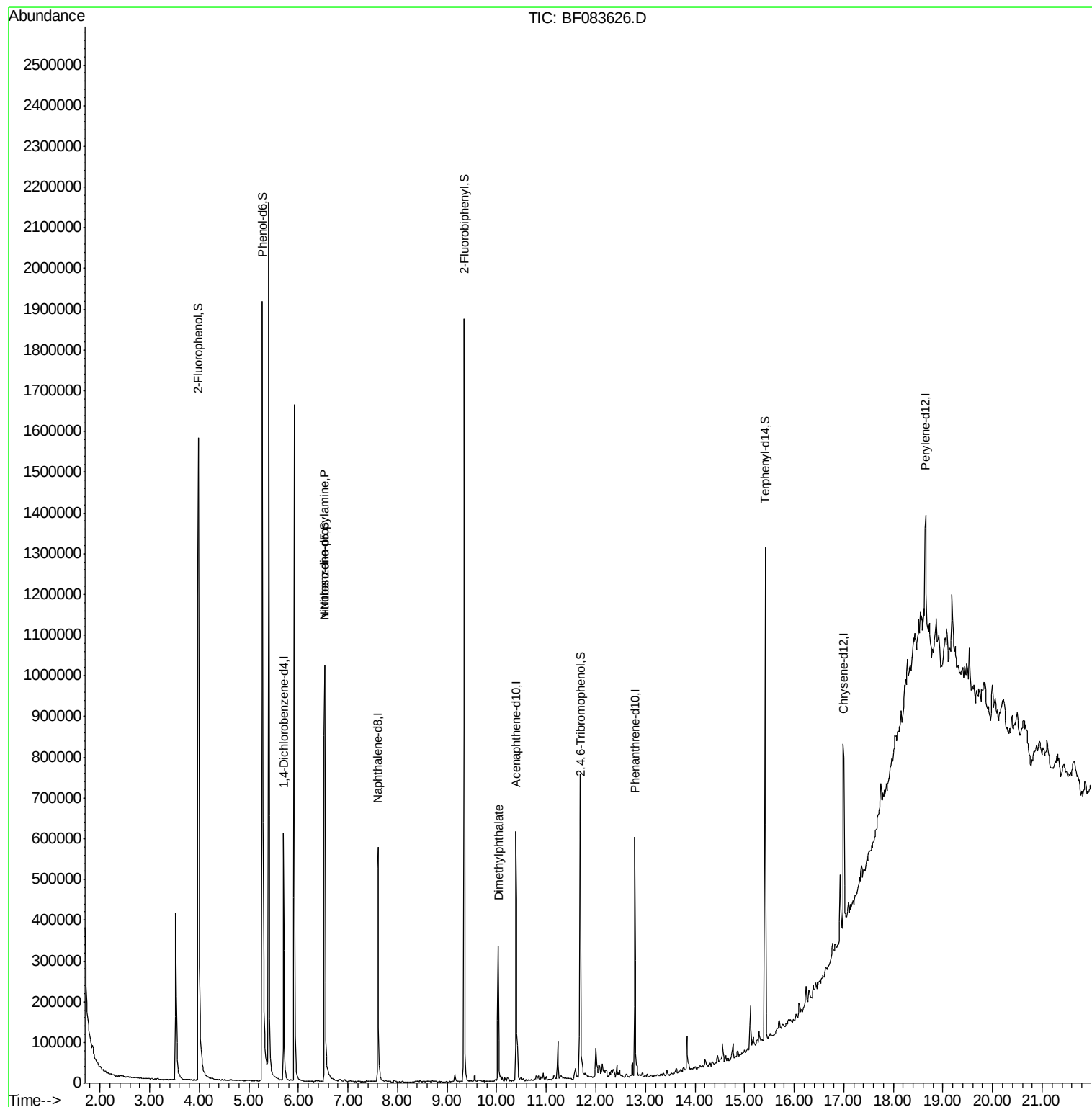
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	126170	20.00	ng	0.00
21) Naphthalene-d8	7.61	136	438401	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	182191	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	302376	20.00	ng	0.00
75) Chrysene-d12	17.00	240	251363	20.00	ng	0.01
86) Perylene-d12	18.65	264	161123	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	794002	95.45	ng	0.01
7) Phenol-d6	5.28	99	1068010	96.09	ng	0.00
23) Nitrobenzene-d5	6.53	82	604658	64.36	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	137302	84.59	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	768969	59.40	ng	0.00
78) Terphenyl-d14	15.41	244	532753	49.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	74818	9.64	ng	Qvalue # 79
49) Dimethylphthalate	10.03	163	188837	13.02	ng	100

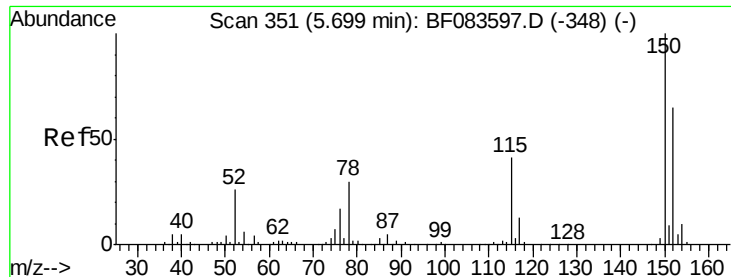
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

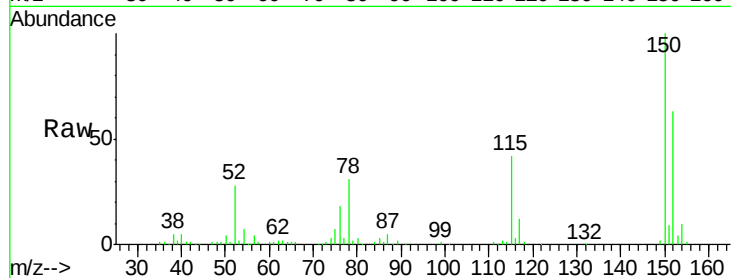
Tgt Ion:152 Resp: 126170

Ion Ratio Lower Upper

152 100

150 159.7 126.5 189.7

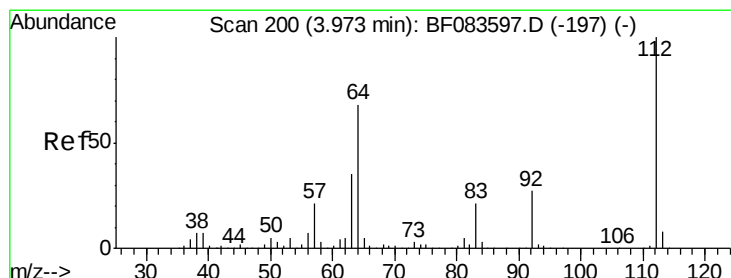
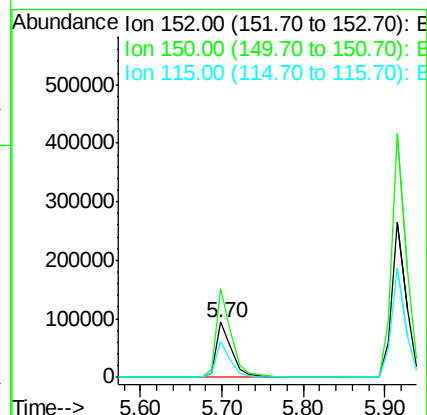
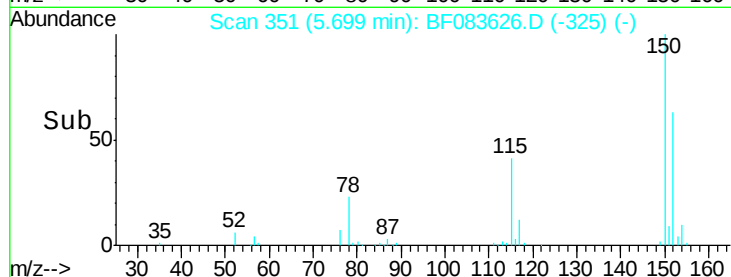
115 66.5 52.3 78.5



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: 95.45 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

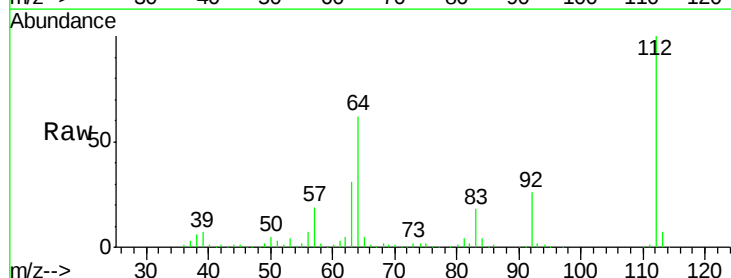
Tgt Ion:112 Resp: 794002

Ion Ratio Lower Upper

112 100

64 62.0 50.5 75.7

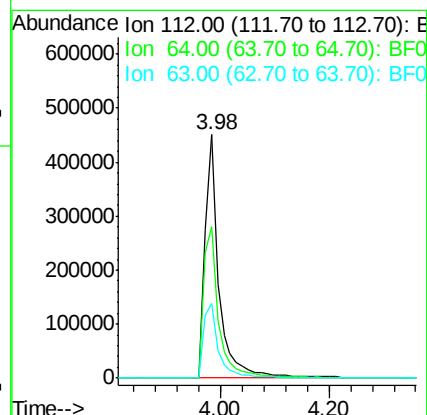
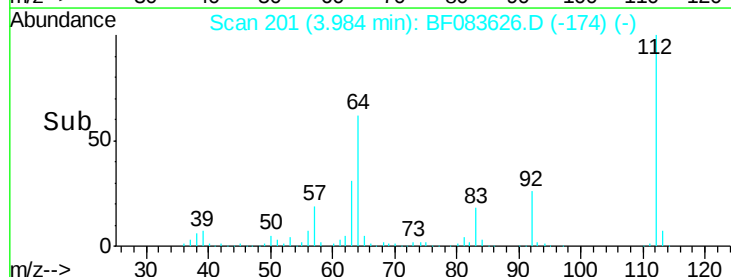
63 30.9 25.8 38.6

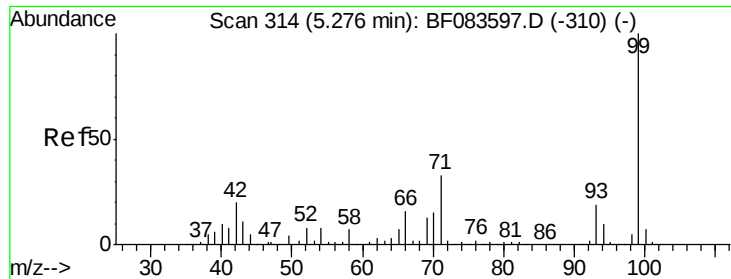


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.09 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

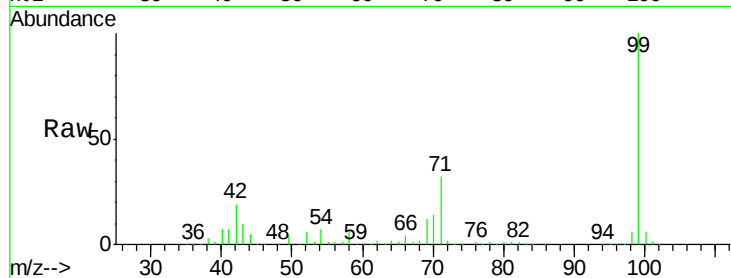
Tgt Ion: 99 Resp: 1068010

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

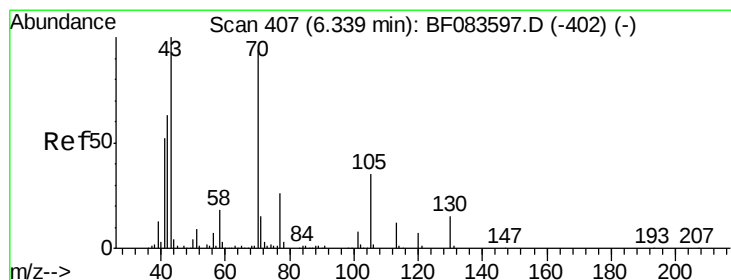
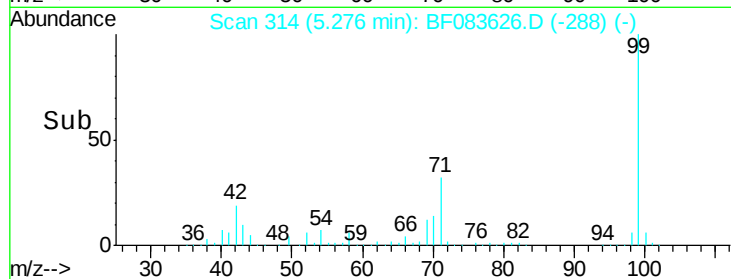
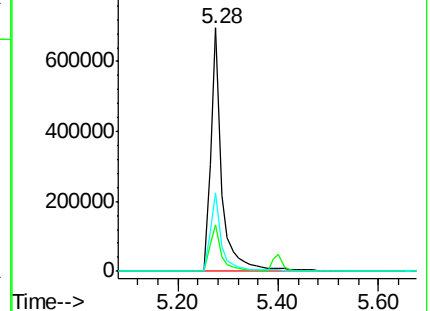
71 32.2 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.64 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.19 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

Tgt Ion: 70 Resp: 74818

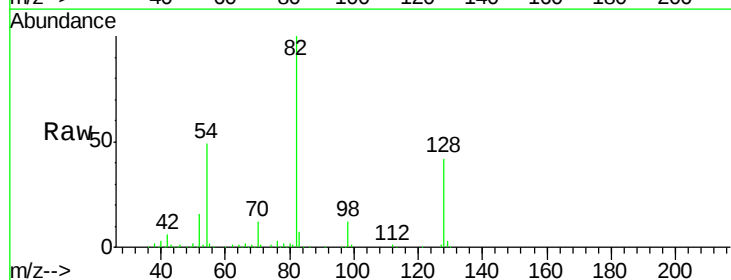
Ion Ratio Lower Upper

70 100

42 49.9 49.2 73.8

101 0.0 7.1 10.7#

130 2.3 15.4 23.0#

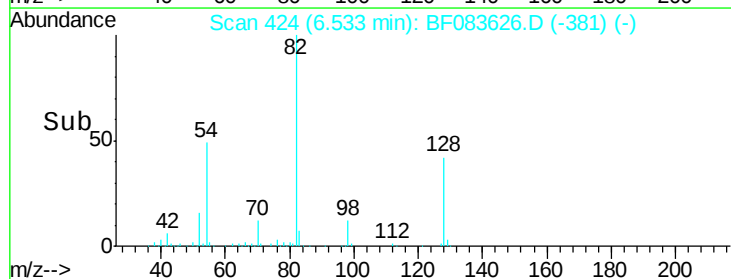
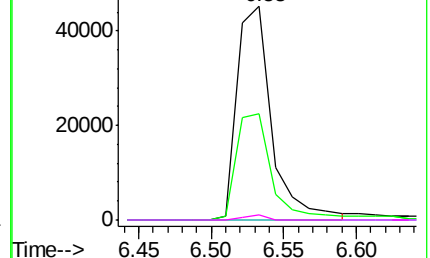


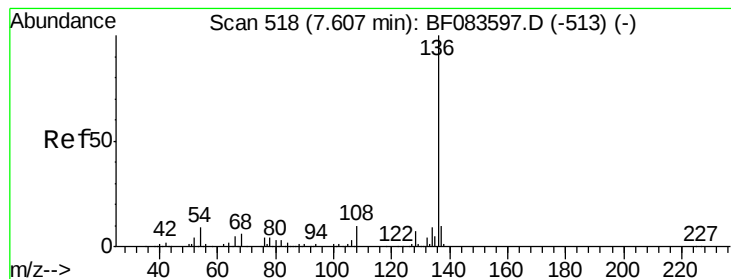
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

Tgt Ion:136 Resp: 438401

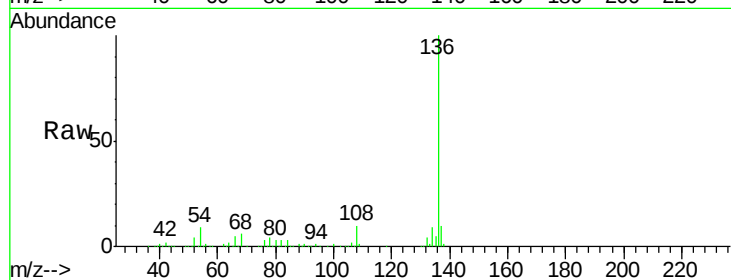
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.7 7.8 11.6

68 6.5 5.7 8.5

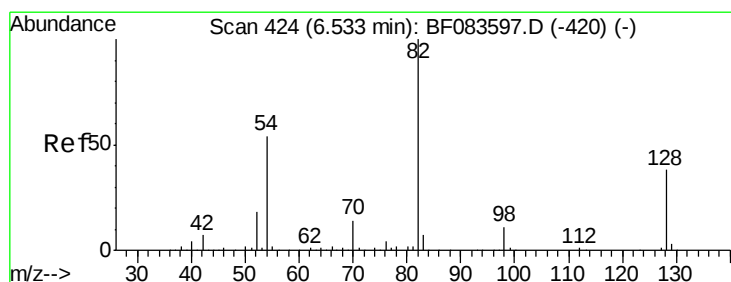
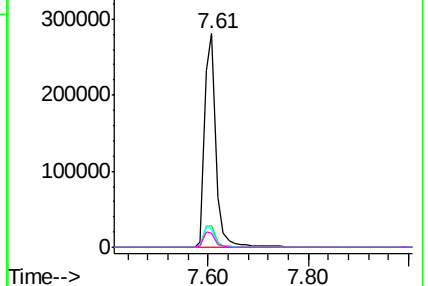
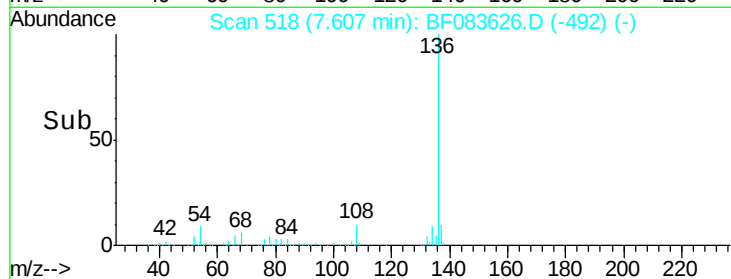


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.36 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

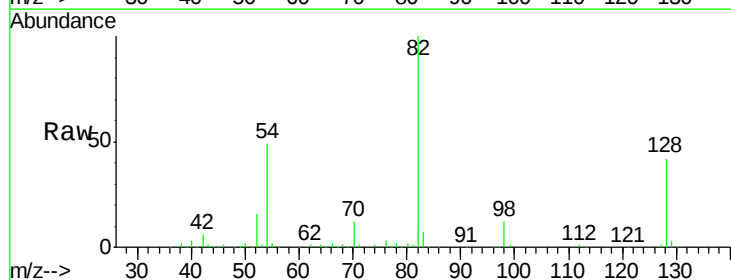
Tgt Ion: 82 Resp: 604658

Ion Ratio Lower Upper

82 100

128 42.3 30.7 46.1

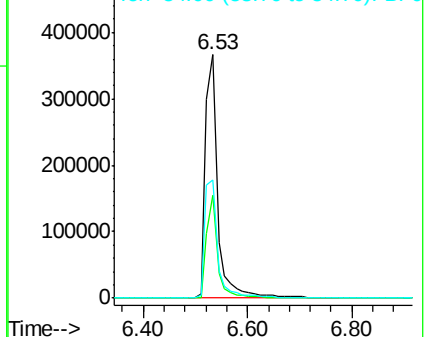
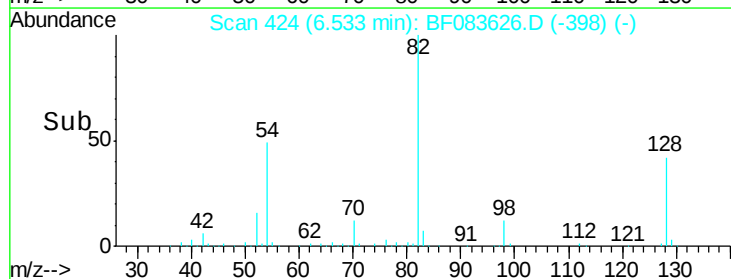
54 48.5 42.5 63.7

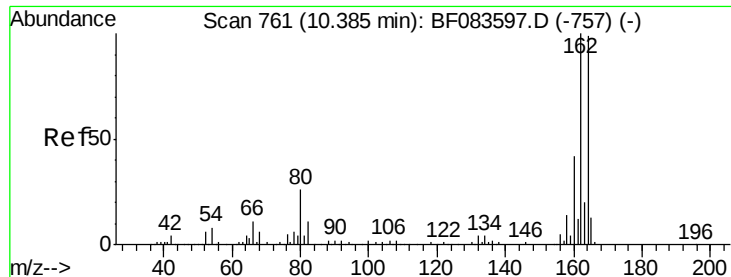


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.38 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

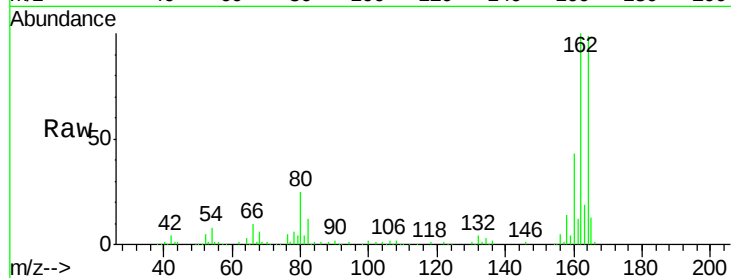
Tgt Ion:164 Resp: 182191

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

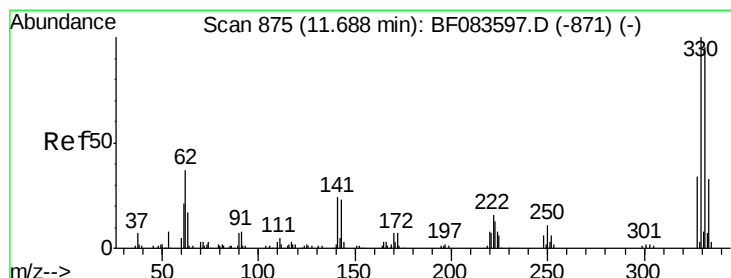
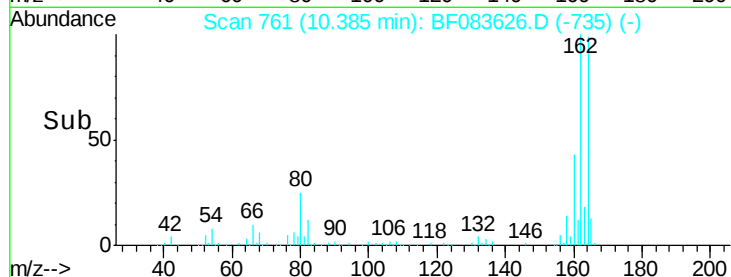
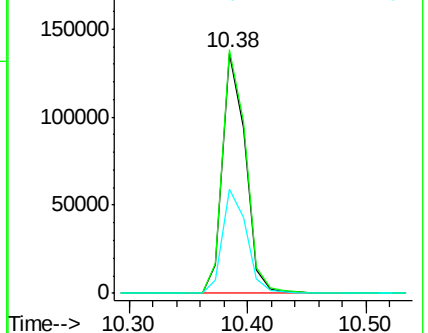
160 43.1 33.4 50.2



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: 84.59 ng

RT: 11.69 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

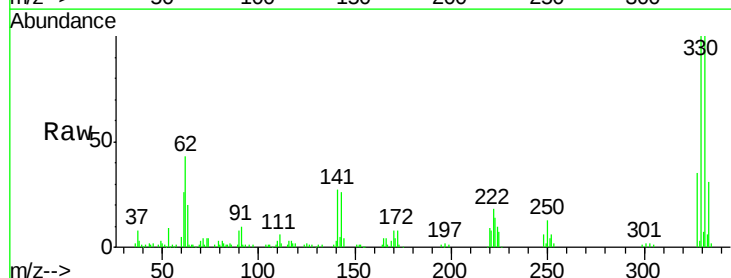
Tgt Ion:330 Resp: 137302

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

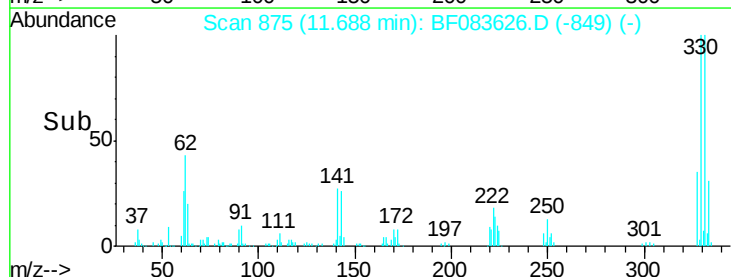
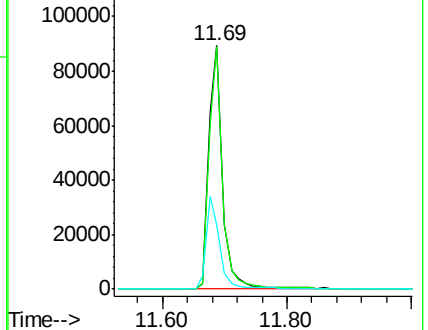
141 37.2 0.0 0.0#

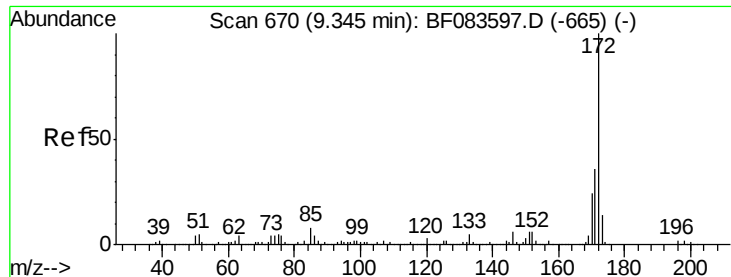


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 59.40 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

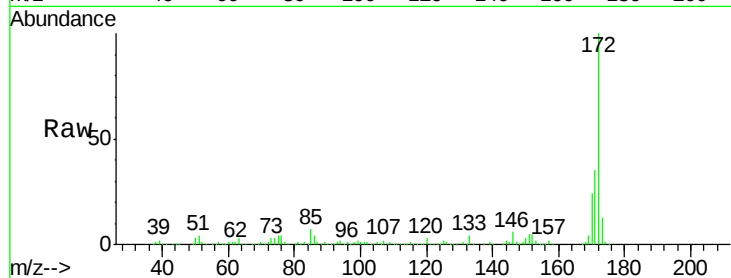
Tgt Ion:172 Resp: 768969

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

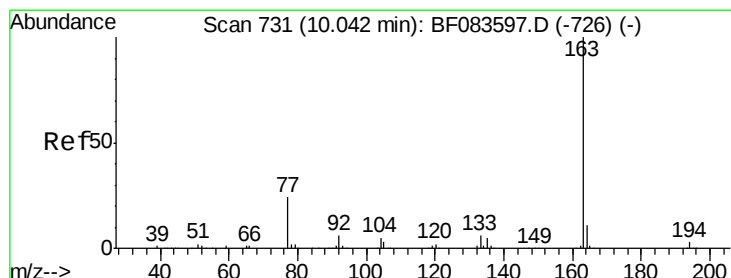
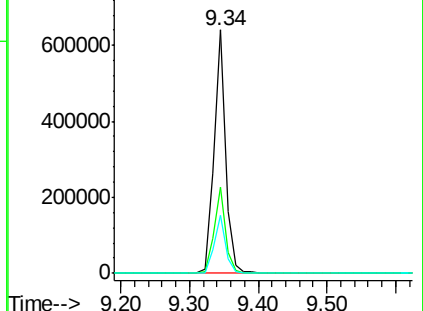
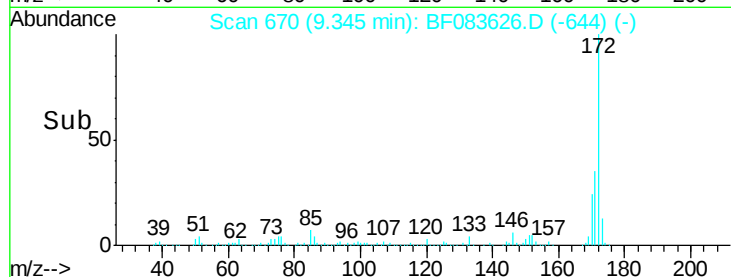
170 23.7 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 13.02 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

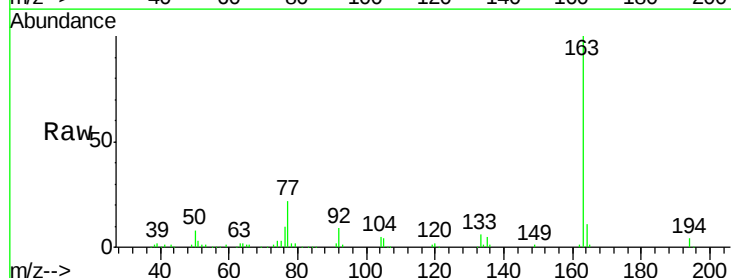
Tgt Ion:163 Resp: 188837

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

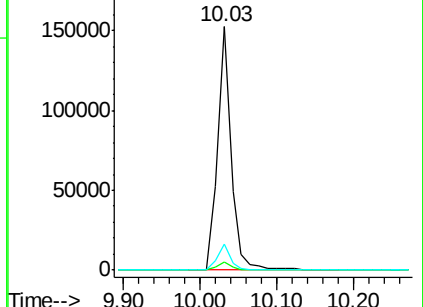
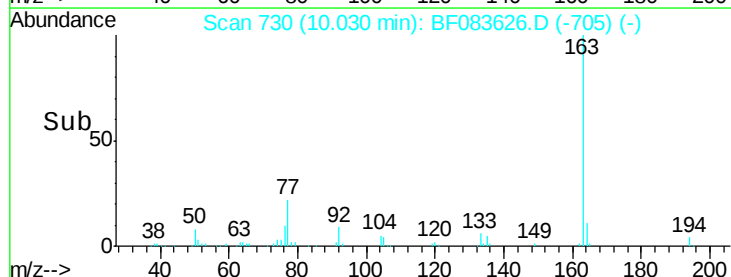
164 10.6 8.6 13.0

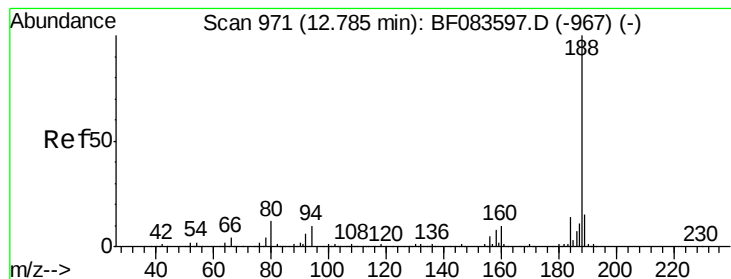


Abundance Ion 163.00 (162.70 to 163.70): E

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: 12.78 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-5(0-2)

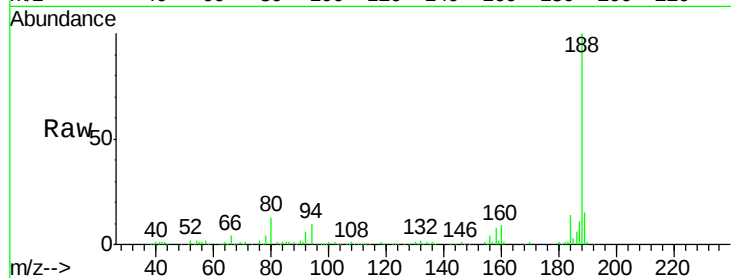
Tgt Ion:188 Resp: 302376

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

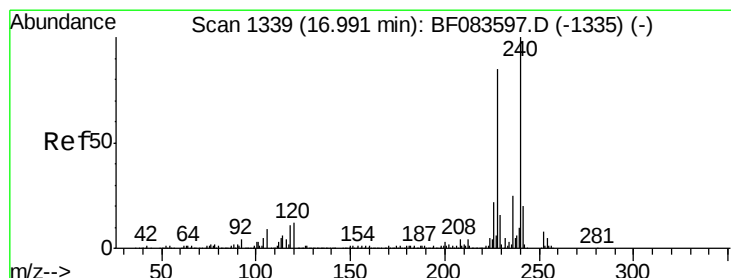
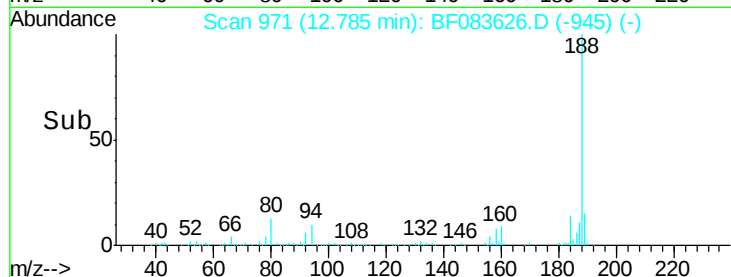
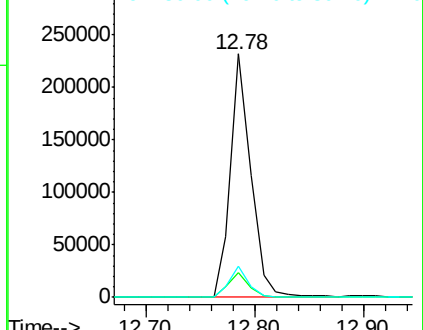
80 12.7 10.6 16.0



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: 17.00 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF083626.D

Acq: 9 Dec 2015 7:09

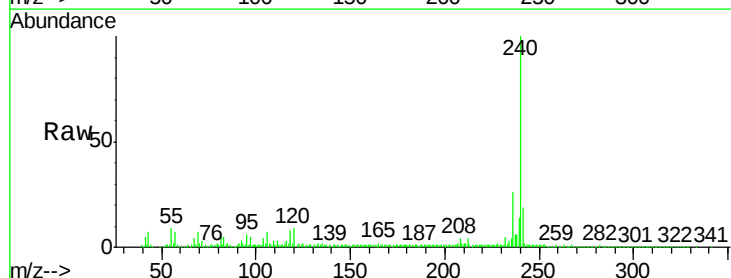
Tgt Ion:240 Resp: 251363

Ion Ratio Lower Upper

240 100

120 8.7 8.1 12.1

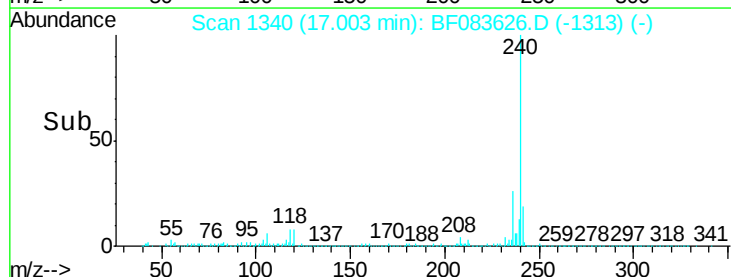
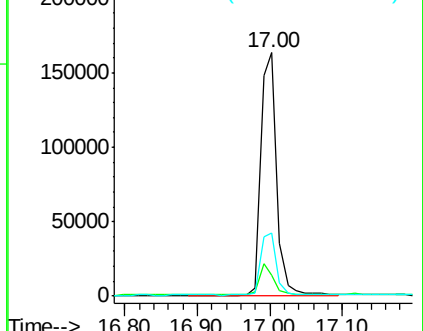
236 25.9 20.8 31.2

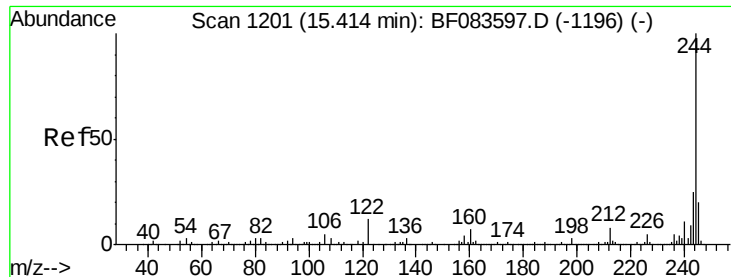


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

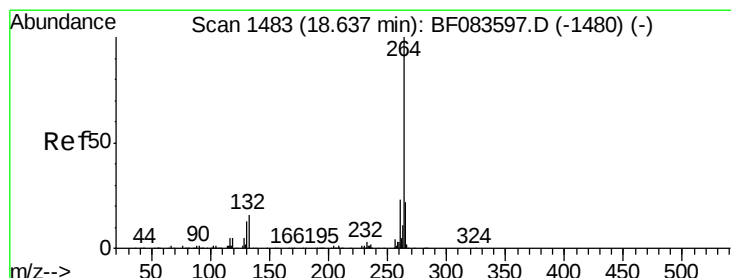
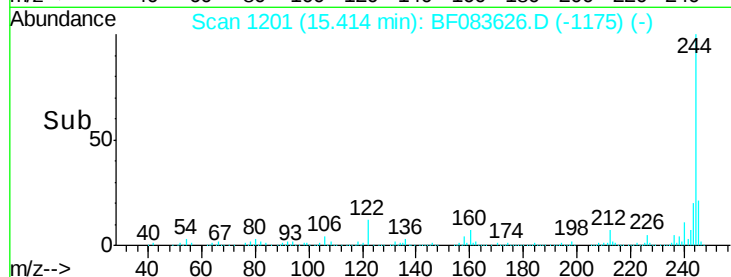
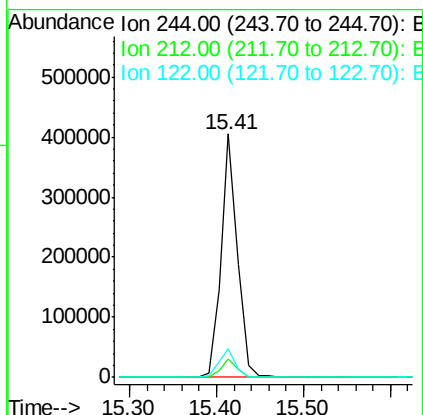
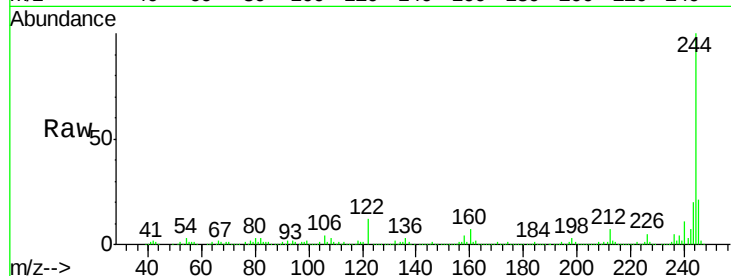




#78
 Terphenyl-d14
 Concen: 49.87 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083626.D
 Acq: 9 Dec 2015 7:09

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-5(0-2)

Tgt Ion:244 Resp: 532753
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.6 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF083626.D
 Acq: 9 Dec 2015 7:09

Tgt Ion:264 Resp: 161123
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 23.9 17.8 26.6

