

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083630.D
 Acq On : 9 Dec 2015 9:09
 Operator : UM/IZ
 Sample : G4647-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-9(0-2)

Quant Time: Dec 09 09:57:59 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

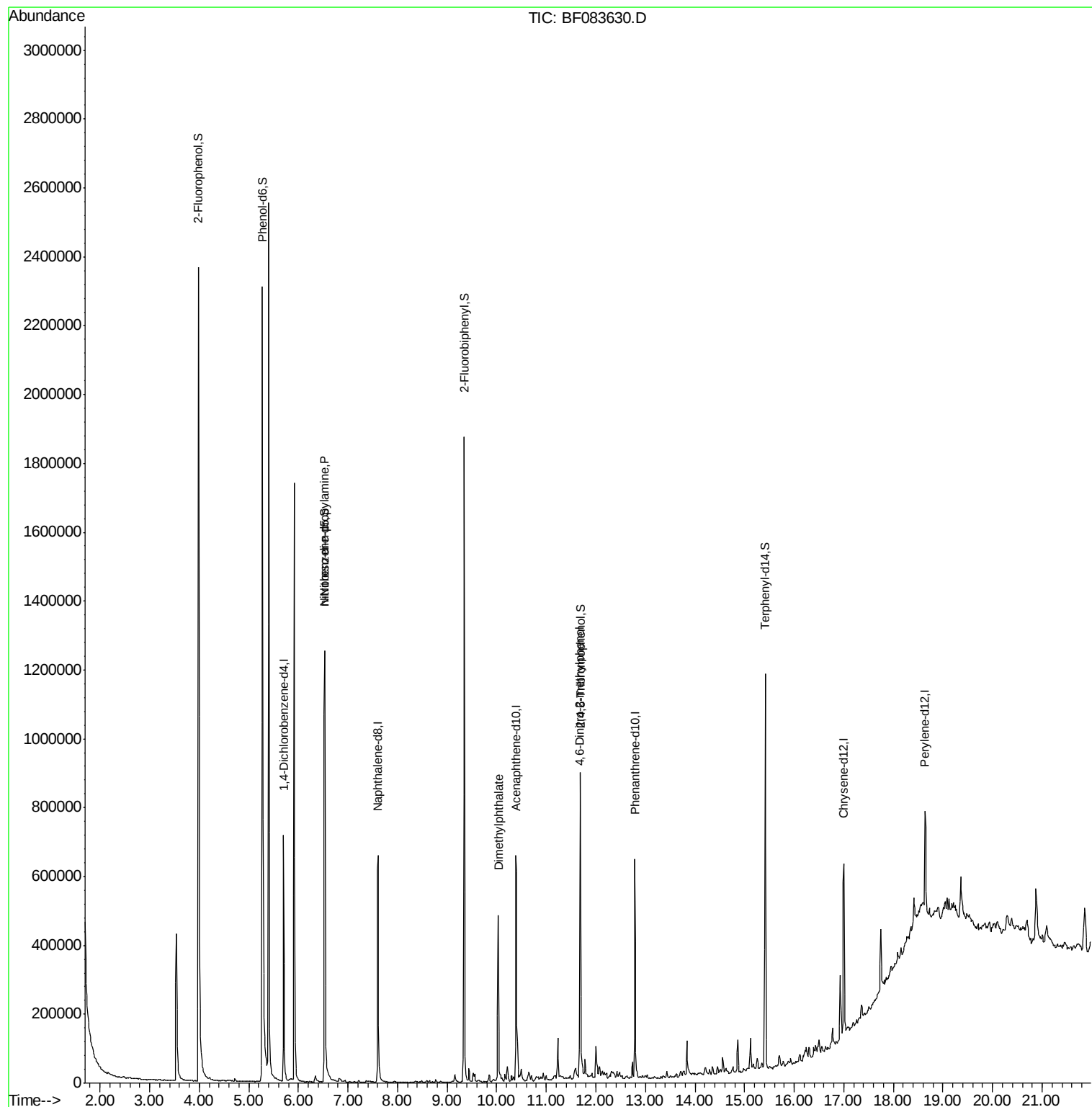
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	142491	20.00	ng	0.00
21) Naphthalene-d8	7.61	136	519611	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	220136	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	334997	20.00	ng	0.00
75) Chrysene-d12	17.00	240	276621	20.00	ng	0.01
86) Perylene-d12	18.64	264	174115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	894877	95.25	ng	0.01
7) Phenol-d6	5.28	99	1233633	98.28	ng	0.00
23) Nitrobenzene-d5	6.53	82	703208	63.15	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	158616	80.88	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	786083	50.26	ng	0.00
78) Terphenyl-d14	15.41	244	518688	44.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	85425	9.75	ng	Qvalue # 77
49) Dimethylphthalate	10.03	163	264012	15.07	ng	98
64) 4,6-Dinitro-2-methylphenol	11.68	198	230	2.04	ng	# 1

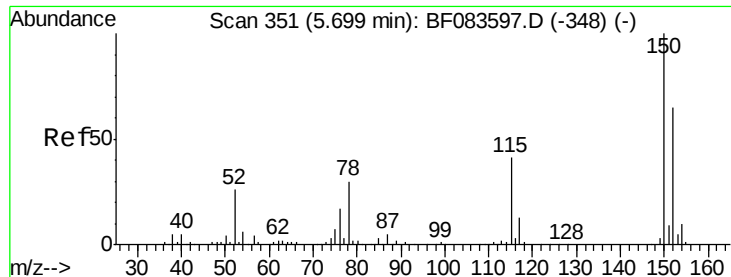
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083630.D

Acq: 9 Dec 2015 9:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-9(0-2)

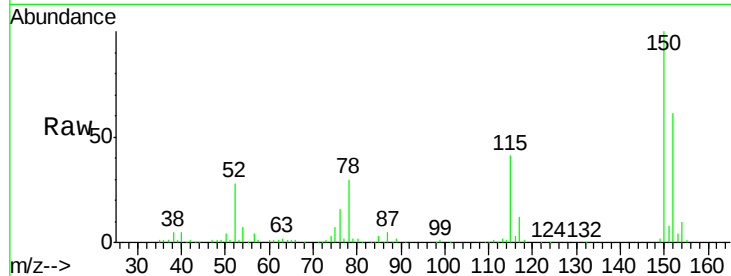
Tot Ion:152 Resp: 142491

Ion Ratio Lower Upper

152 100

150 163.3 126.5 189.7

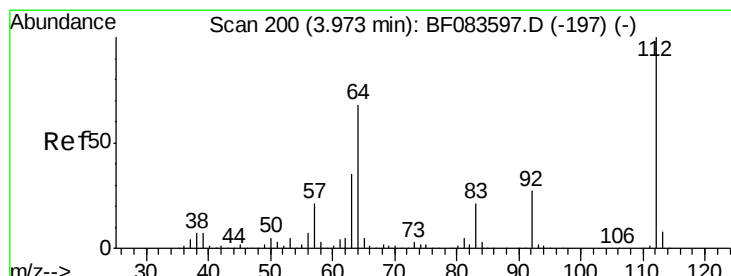
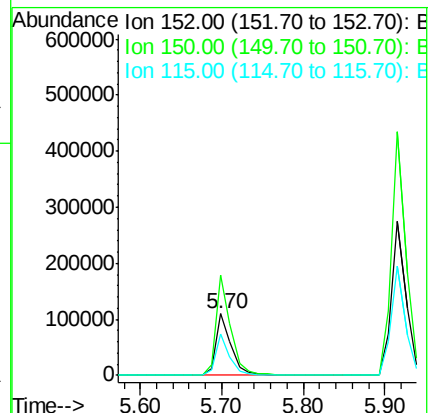
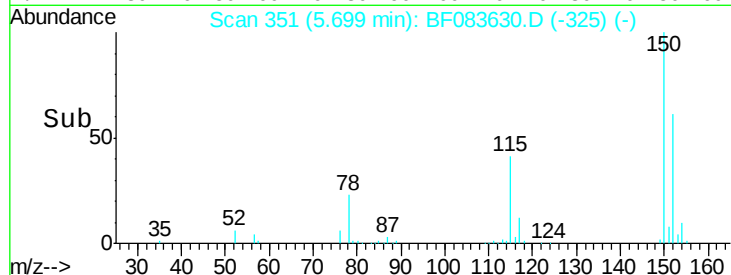
115 67.3 52.3 78.5



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: 95.25 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

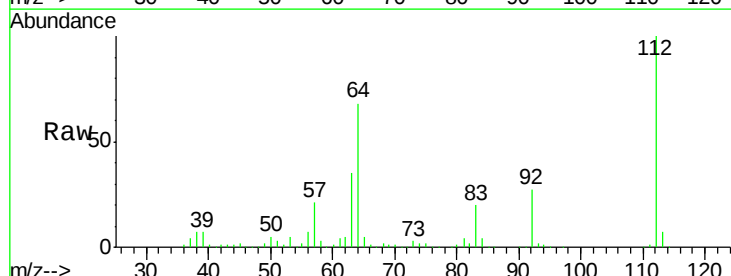
Tgt Ion:112 Resp: 894877

Ion Ratio Lower Upper

112 100

64 68.2 50.5 75.7

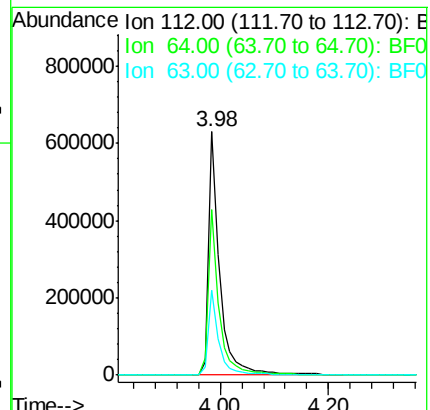
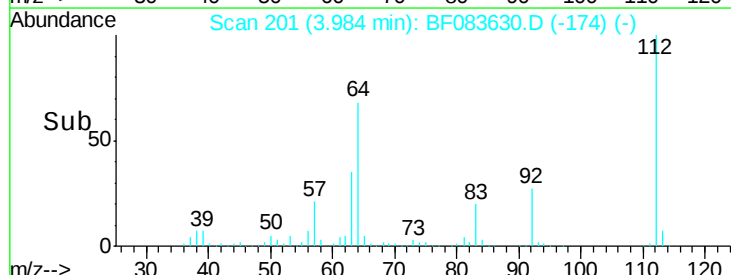
63 35.0 25.8 38.6

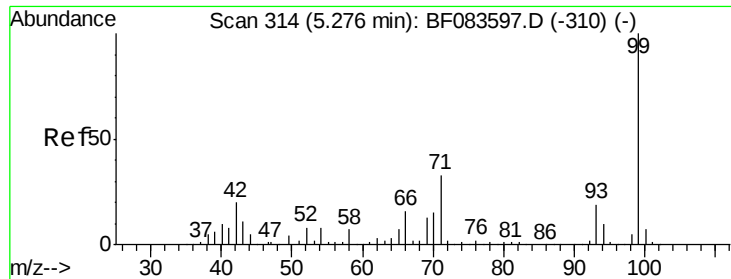


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.28 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-9(0-2)

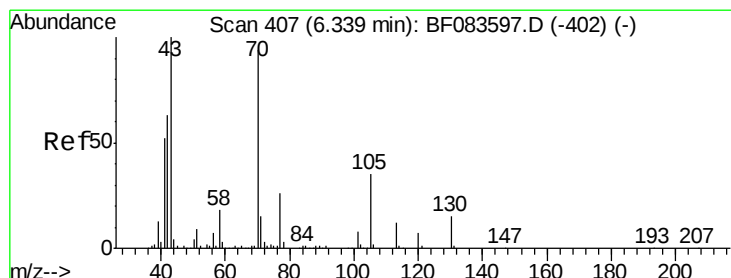
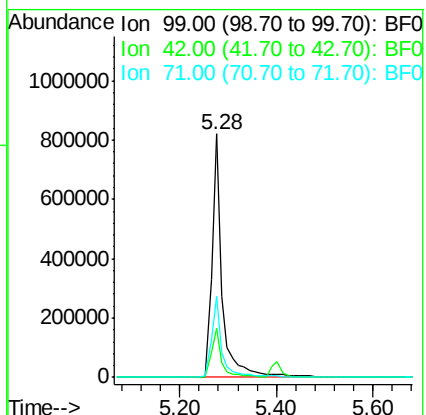
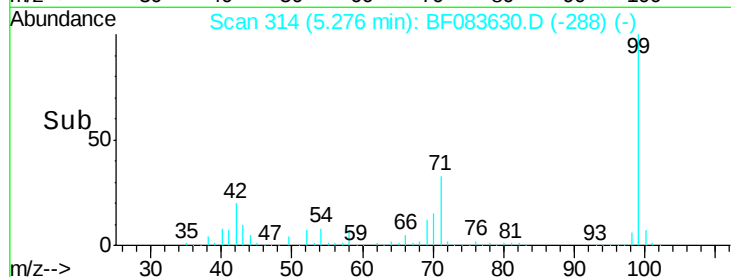
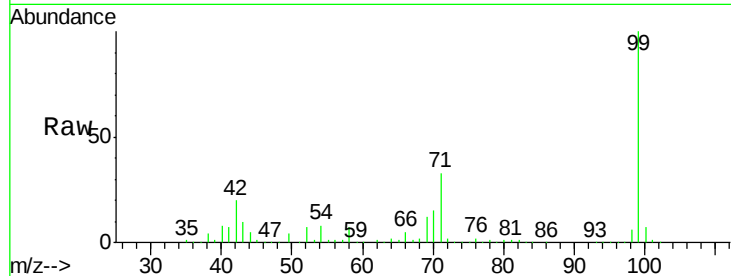
Tot Ion: 99 Resp: 1233633

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

71 33.1 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.75 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.19 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

Tgt Ion: 70 Resp: 85425

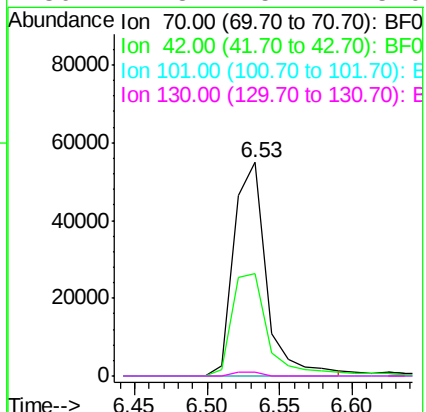
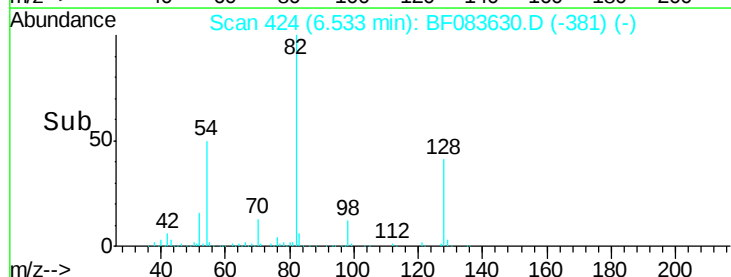
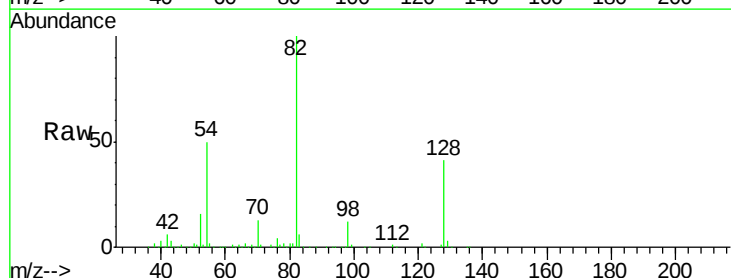
Ion Ratio Lower Upper

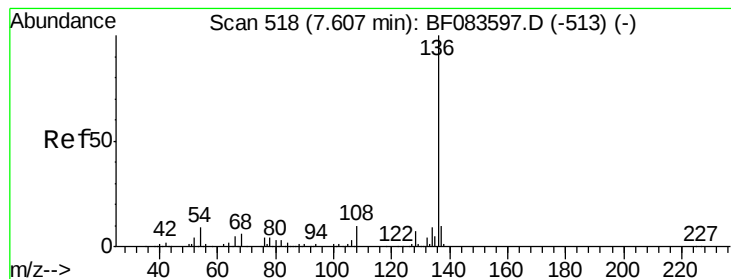
70 100

42 48.0 49.2 73.8#

101 0.0 7.1 10.7#

130 1.8 15.4 23.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-9(0-2)

Tot Ion:136 Resp: 519611

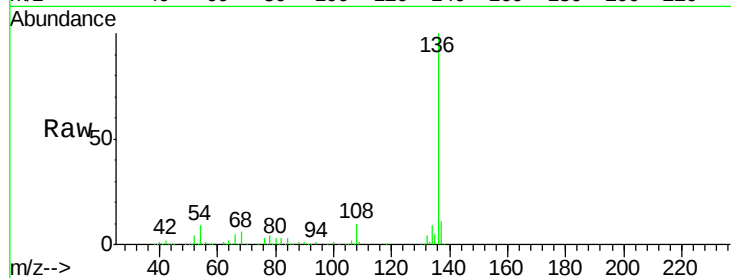
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 8.6 7.8 11.6

68 6.0 5.7 8.5

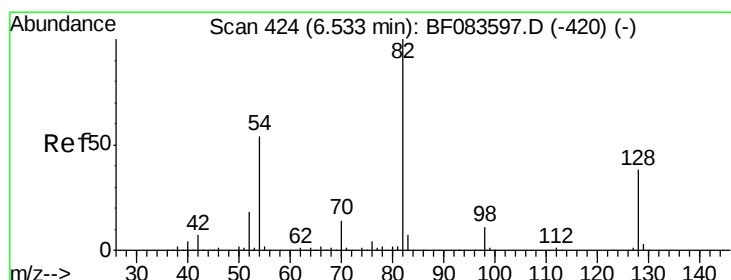
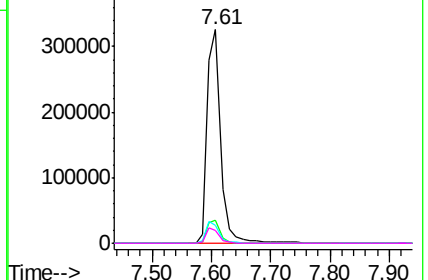
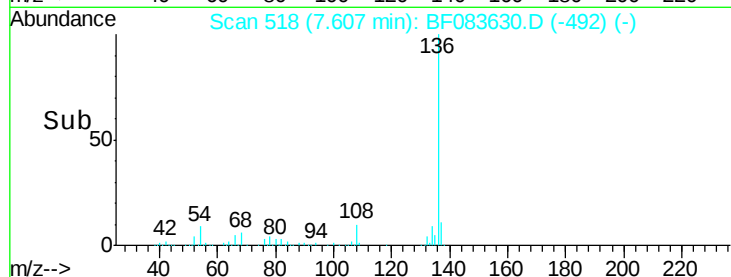


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.15 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

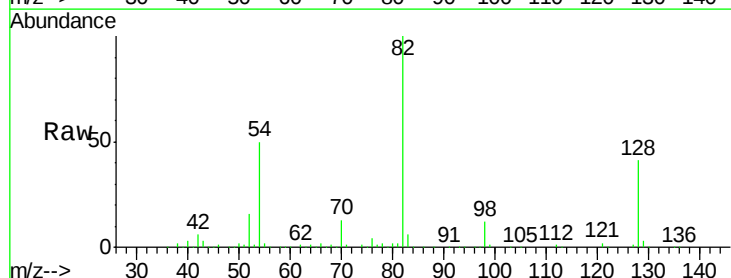
Tgt Ion: 82 Resp: 703208

Ion Ratio Lower Upper

82 100

128 41.1 30.7 46.1

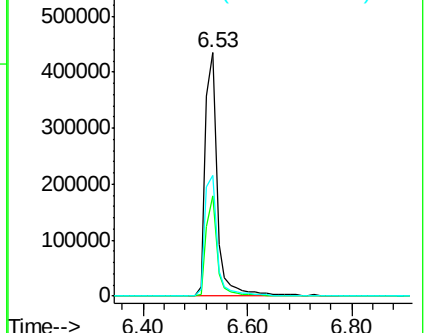
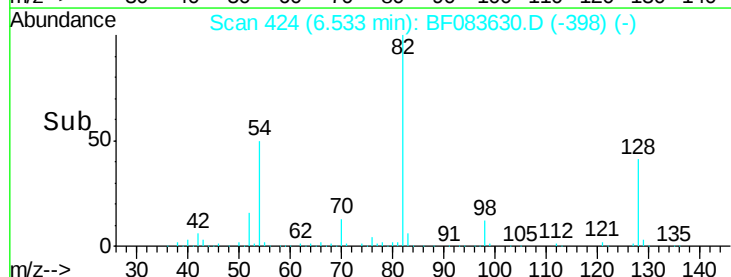
54 49.7 42.5 63.7

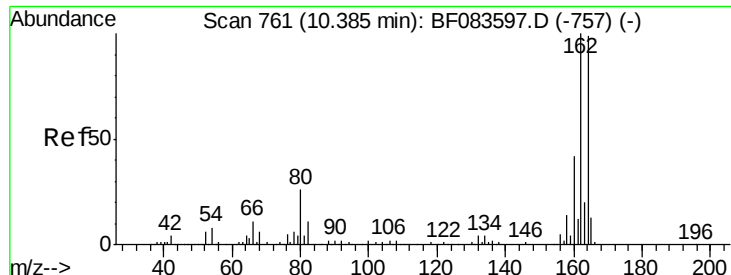


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF083630.D

Acq: 9 Dec 2015 9:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-9(0-2)

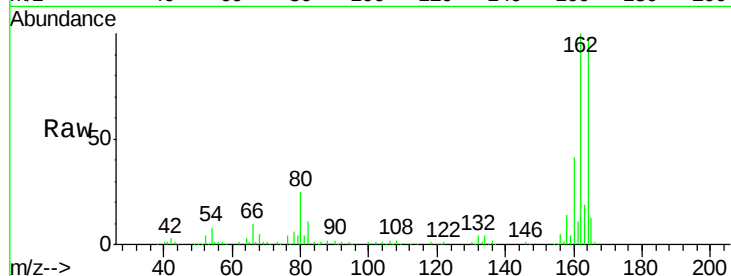
Tot Ion:164 Resp: 220136

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

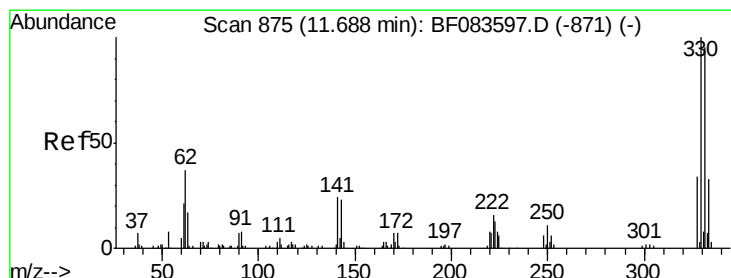
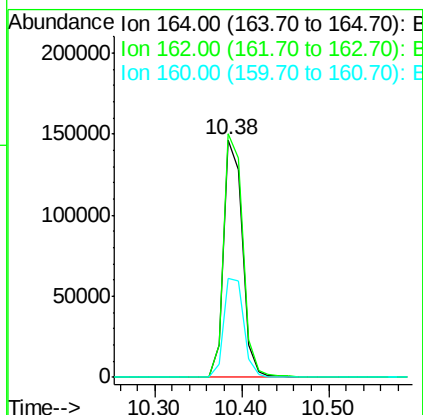
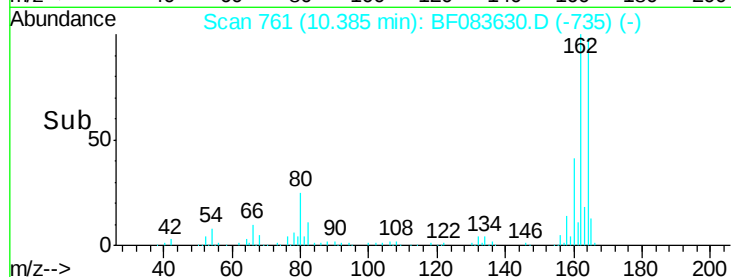
160 41.7 33.4 50.2



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: 80.88 ng

RT: 11.69 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

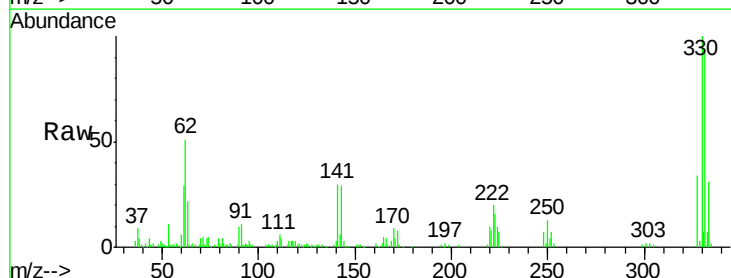
Tgt Ion:330 Resp: 158616

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

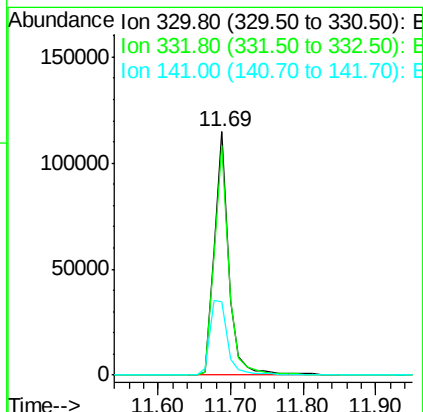
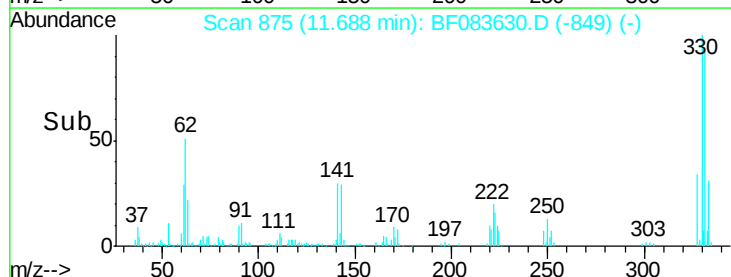
141 38.0 0.0 0.0#

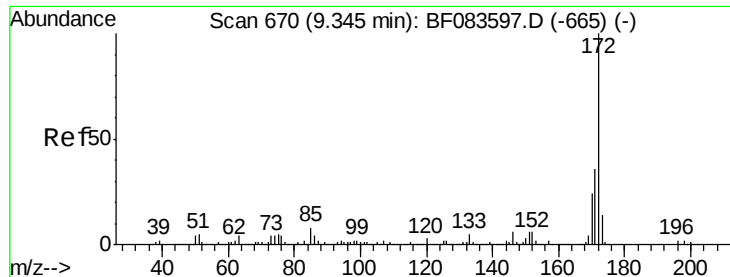


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 50.26 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-9(0-2)

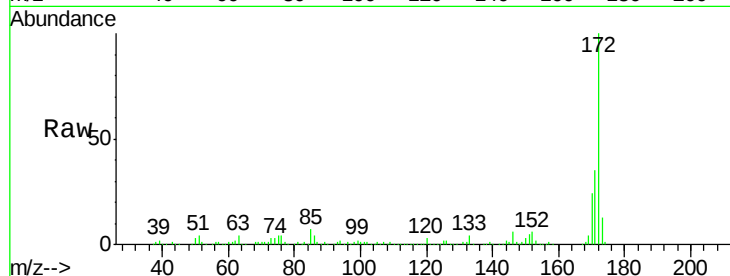
Tot Ion:172 Resp: 786083

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

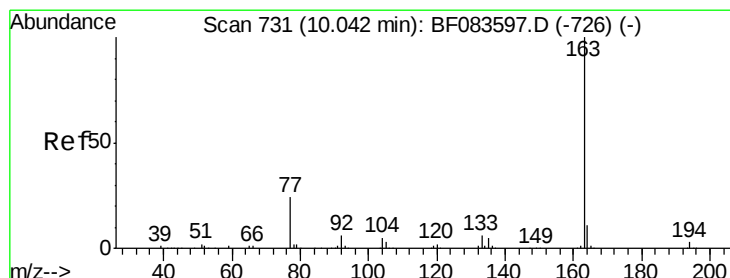
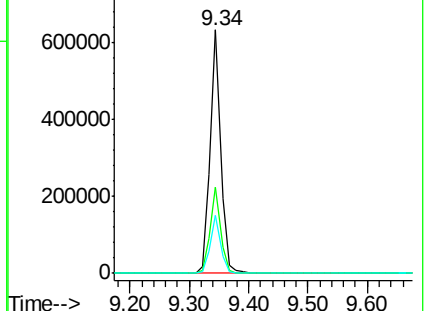
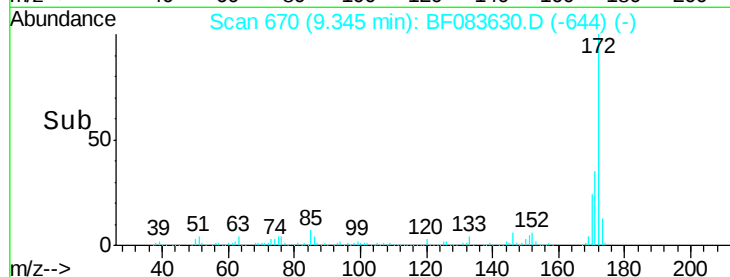
170 23.7 19.4 29.0



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: 15.07 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

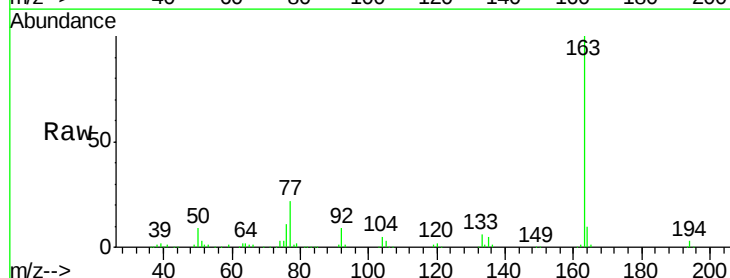
Tgt Ion:163 Resp: 264012

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

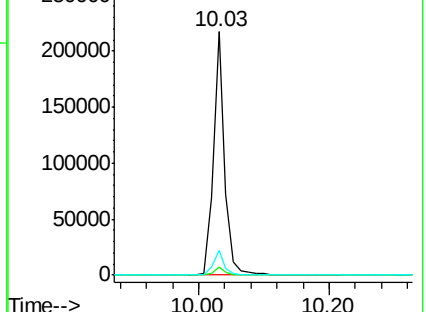
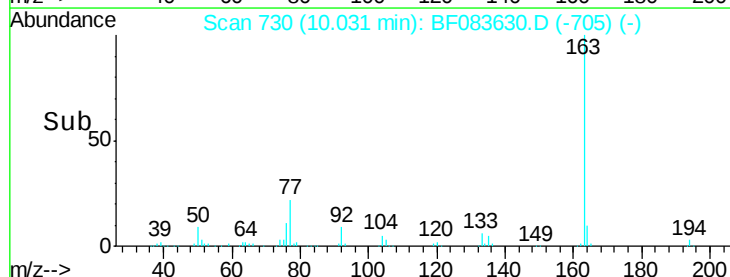
164 9.9 8.6 13.0

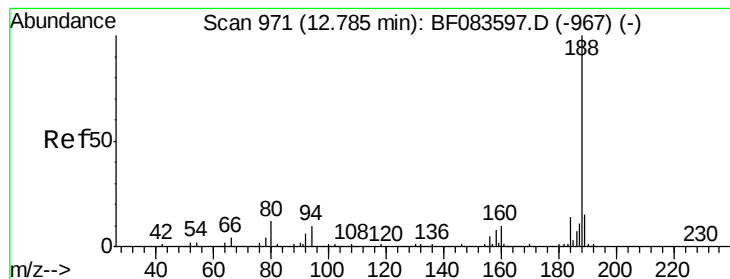


Abundance Ion 163.00 (162.70 to 163.70): E

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: 12.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

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BRIDGE14-9(0-2)

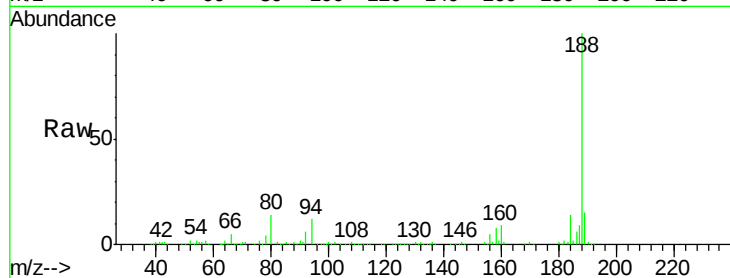
Tot Ion:188 Resp: 334997

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

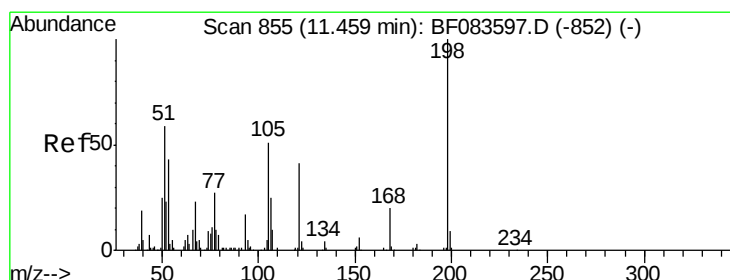
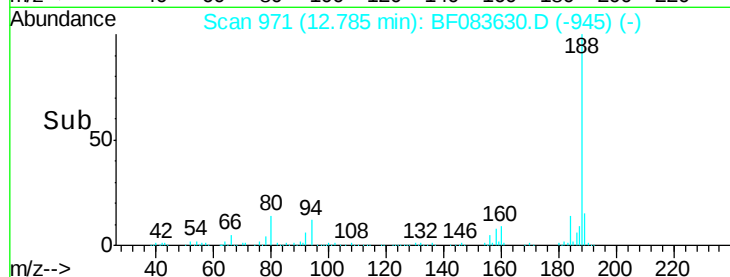
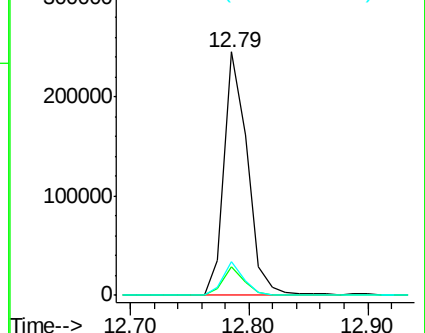
80 13.8 10.6 16.0



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.04 ng

RT: 11.68 min Scan# 874

Delta R.T. 0.22 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

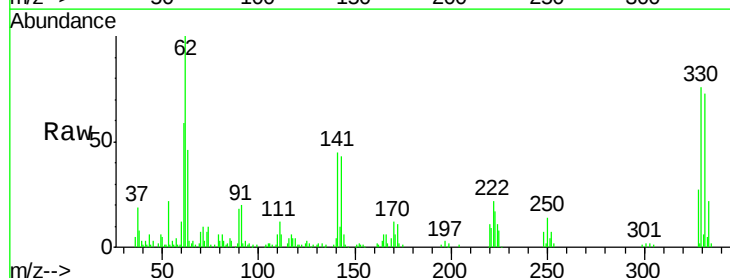
Tgt Ion:198 Resp: 230

Ion Ratio Lower Upper

198 100

51 279.2 53.8 93.8#

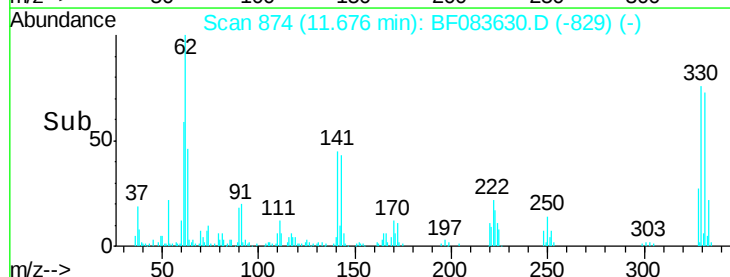
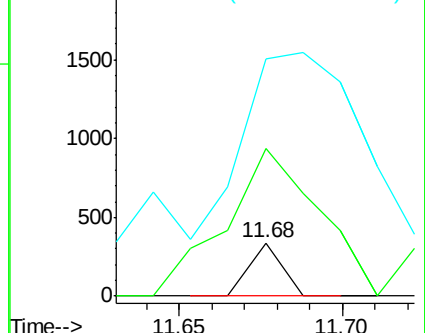
105 448.8 38.6 78.6#

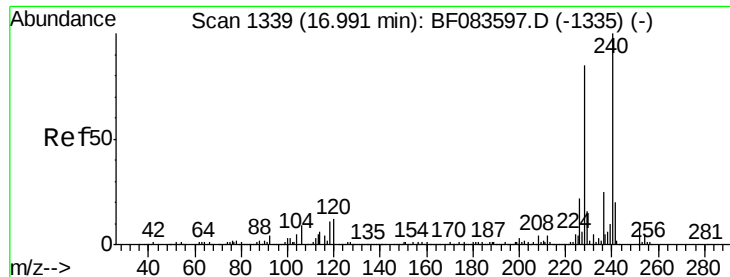


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.00 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-9(0-2)

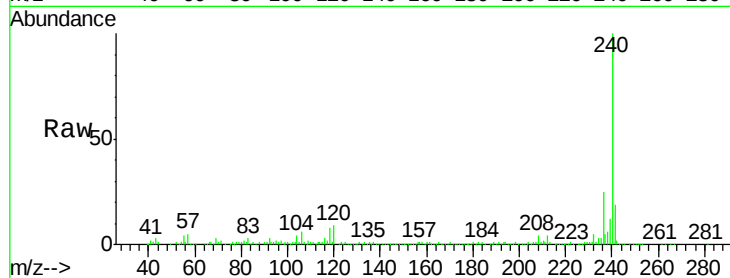
Tot Ion:240 Resp: 276621

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

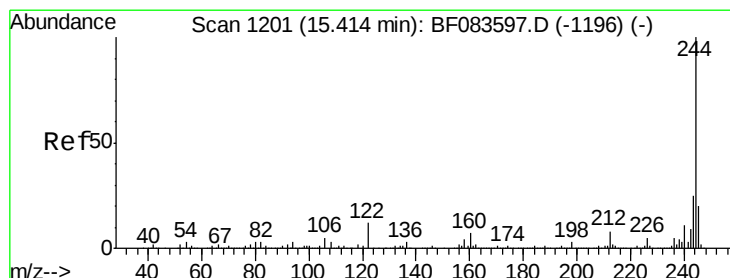
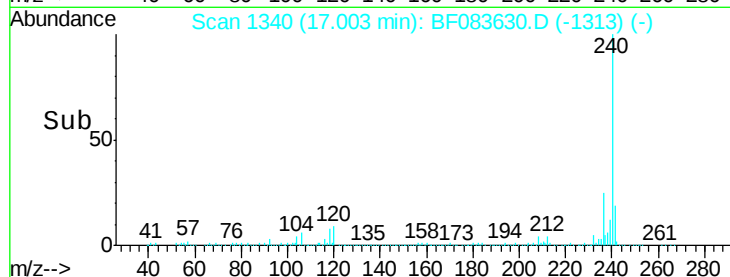
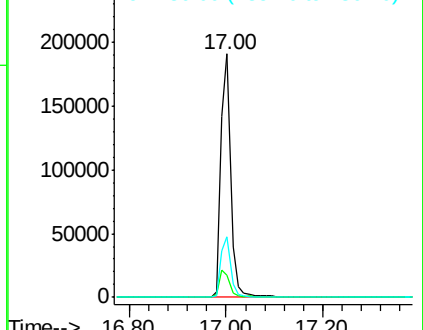
236 24.8 20.8 31.2



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: 44.12 ng

RT: 15.41 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF083630.D

Acq: 9 Dec 2015 9:09

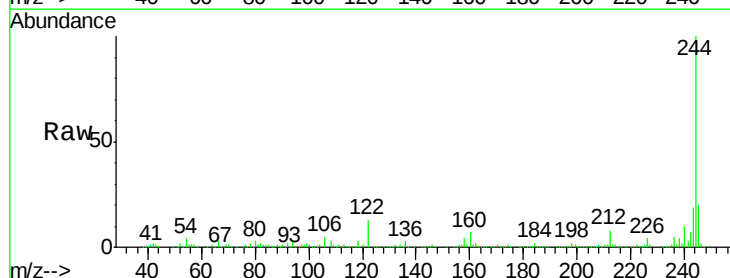
Tgt Ion:244 Resp: 518688

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

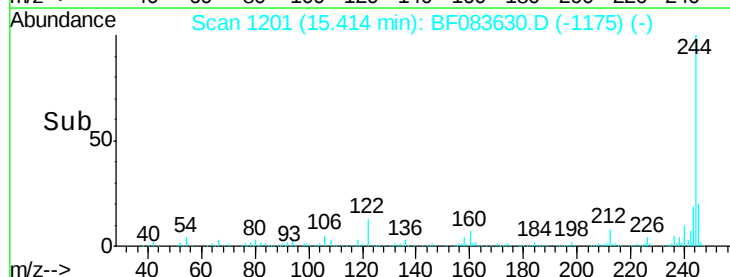
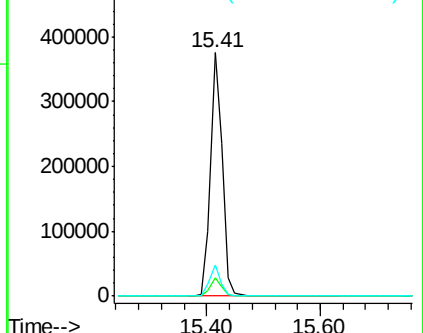
122 12.8 11.0 16.6

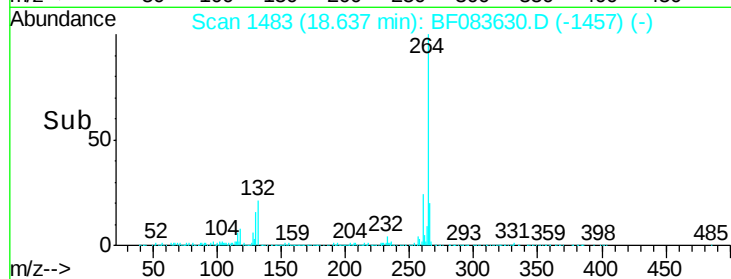
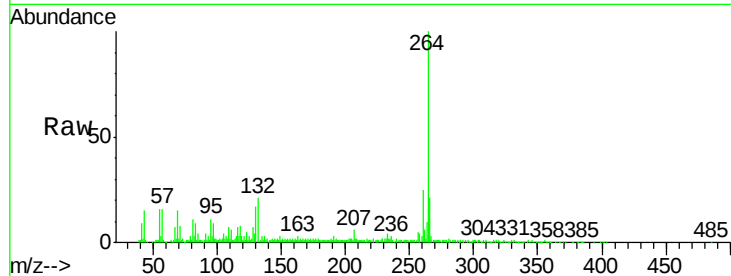
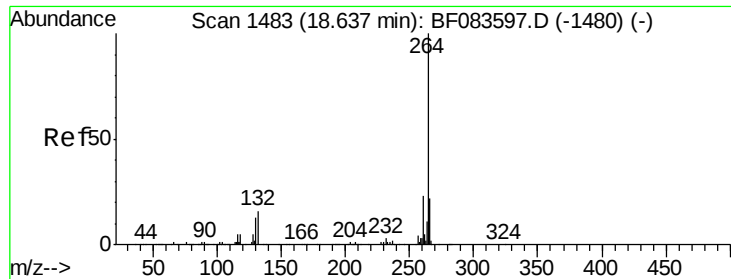


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.64 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF083630.D
 Acq: 9 Dec 2015 9:09

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-9(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.1	17.8	26.6

