

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083627.D
 Acq On : 9 Dec 2015 7:39
 Operator : UM/IZ
 Sample : G4647-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-6(0-2)

Quant Time: Dec 09 09:57:20 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

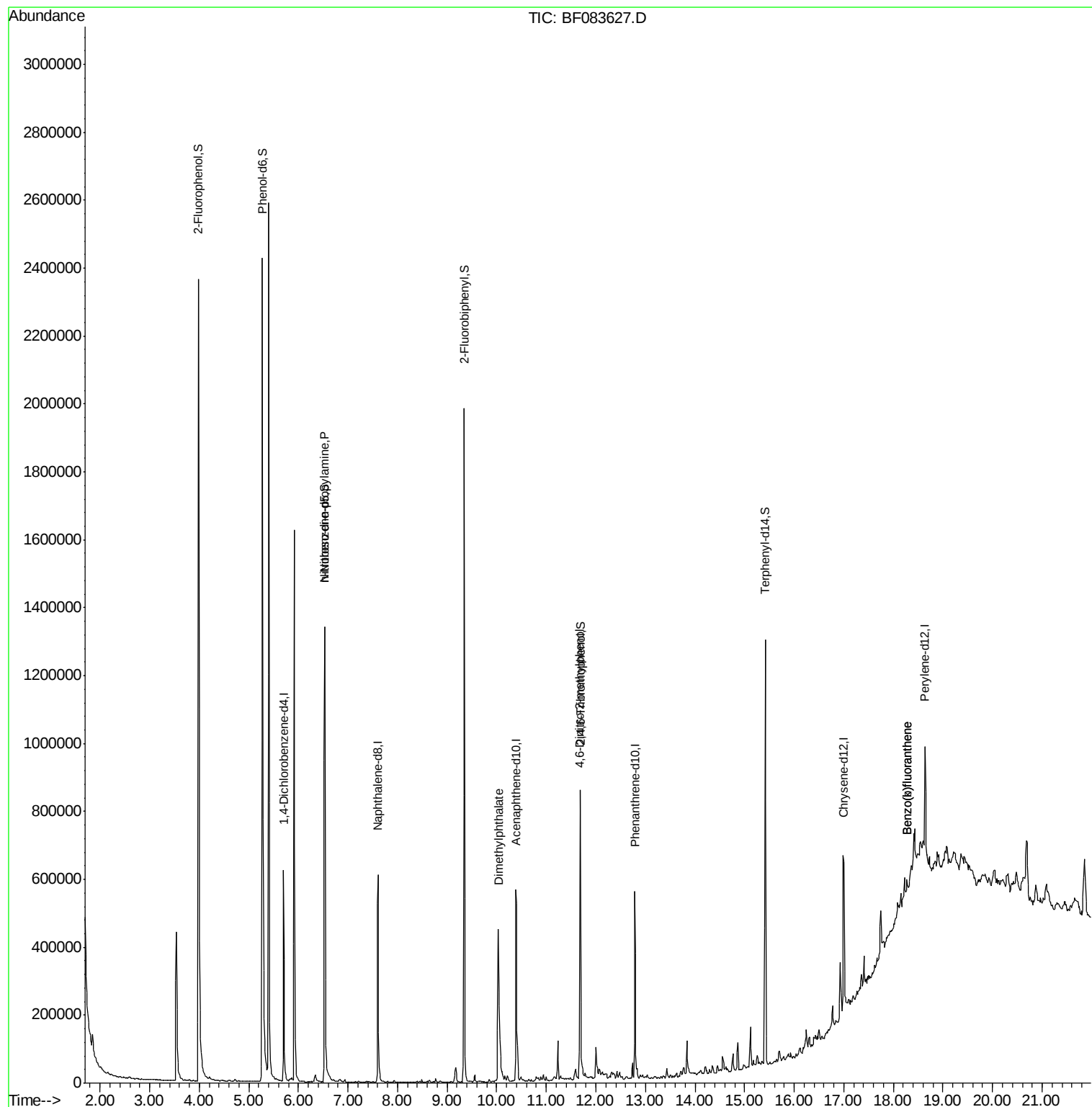
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	132998	20.00	ng	0.00
21) Naphthalene-d8	7.61	136	458090	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	189113	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	302224	20.00	ng	0.00
75) Chrysene-d12	17.00	240	259641	20.00	ng	0.01
86) Perylene-d12	18.64	264	160622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	891851	101.71	ng	0.01
7) Phenol-d6	5.28	99	1230302	105.01	ng	0.00
23) Nitrobenzene-d5	6.53	82	683710	69.64	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	162247	96.30	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	805571	59.95	ng	0.00
78) Terphenyl-d14	15.41	244	586163	53.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	88707	10.85	ng	# 75
49) Dimethylphthalate	10.03	163	242711	16.12	ng	98
64) 4,6-Dinitro-2-methylphenol	11.68	198	239	2.06	ng	# 1
87) Benzo(b)fluoranthene	18.27	252	25498	2.79	ng	# 64
88) Benzo(k)fluoranthene	18.27	252	25498	2.53	ng	# 67

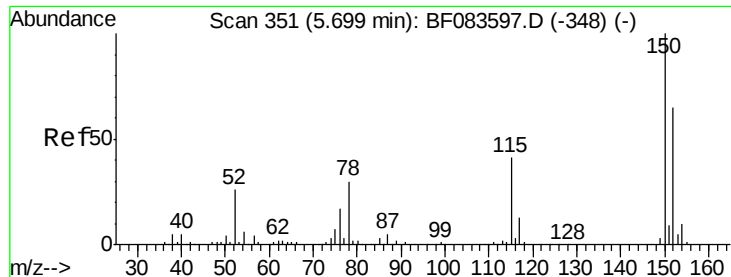
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 09 00:23:35 2015
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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: BF083627.D

Acq: 9 Dec 2015 7:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-6(0-2)

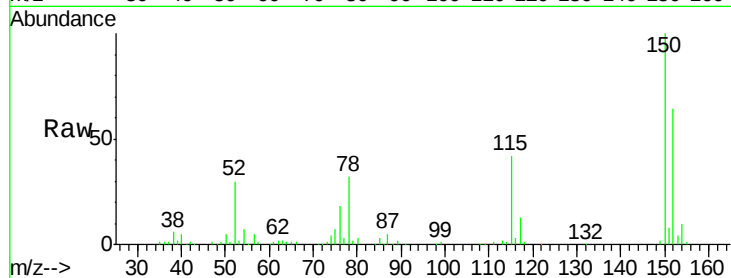
Tot Ion:152 Resp: 132998

Ion Ratio Lower Upper

152 100

150 155.9 126.5 189.7

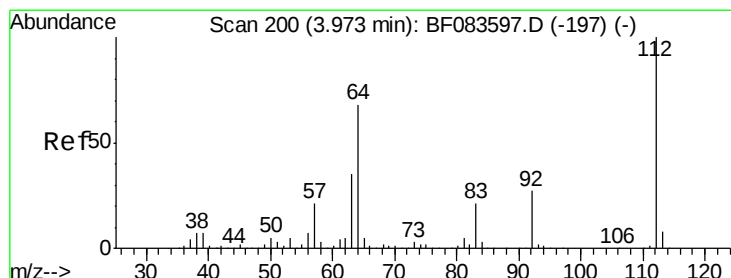
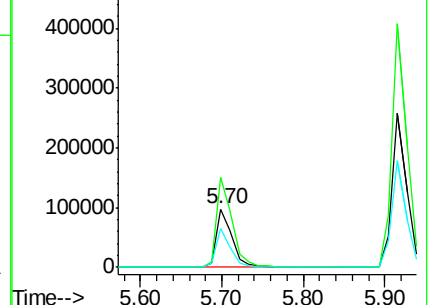
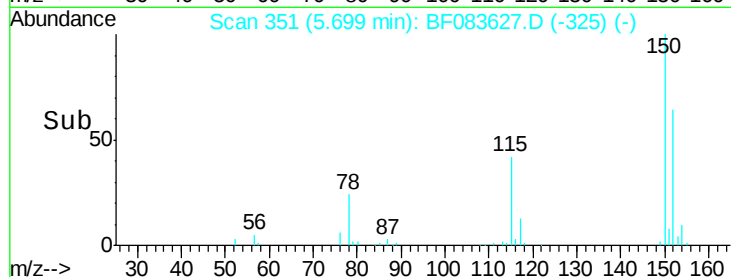
115 66.2 52.3 78.5



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: 101.71 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

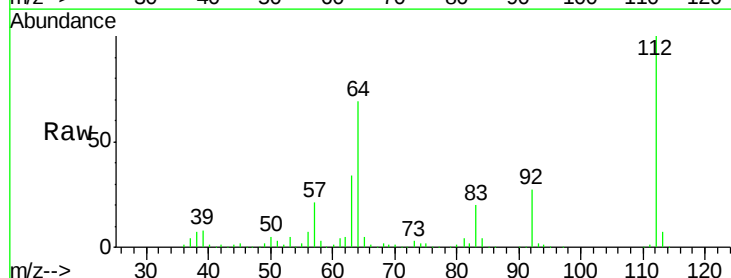
Tgt Ion:112 Resp: 891851

Ion Ratio Lower Upper

112 100

64 68.6 50.5 75.7

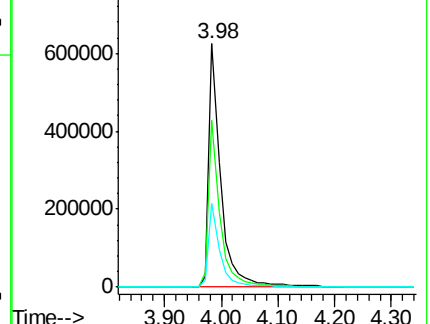
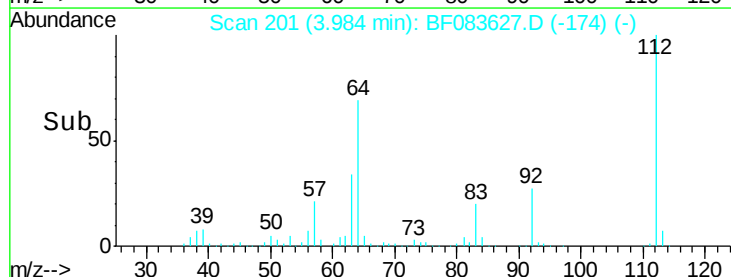
63 34.5 25.8 38.6

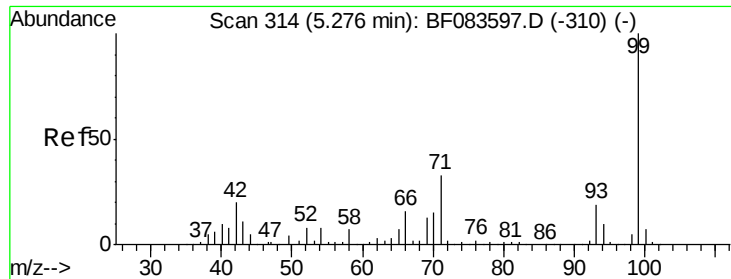


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.01 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-6(0-2)

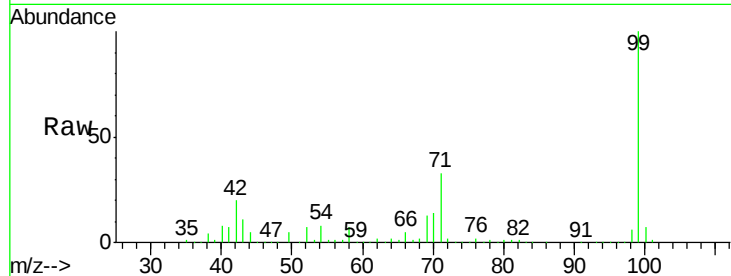
Tot Ion: 99 Resp: 1230302

Ion Ratio Lower Upper

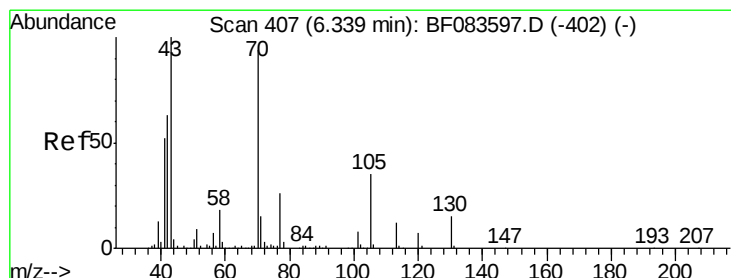
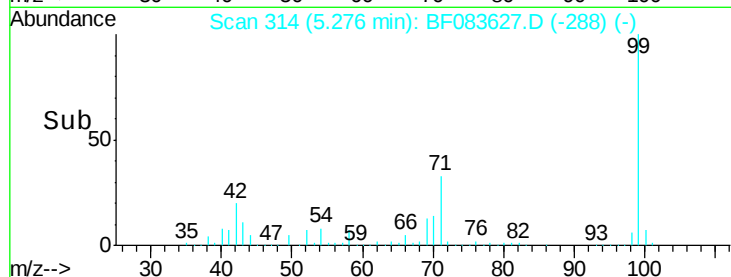
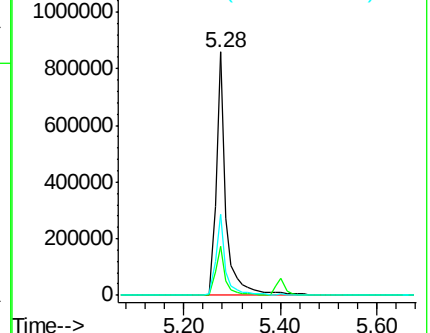
99 100

42 20.1 17.3 25.9

71 33.1 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: 10.85 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.19 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

Tgt Ion: 70 Resp: 88707

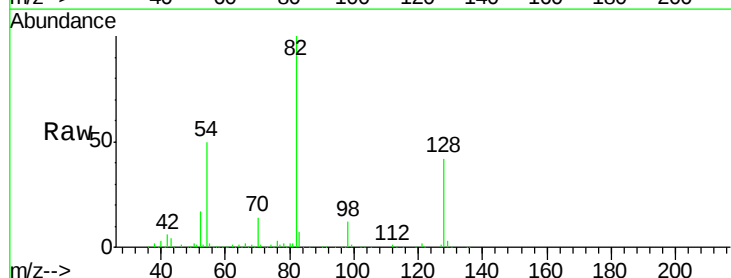
Ion Ratio Lower Upper

70 100

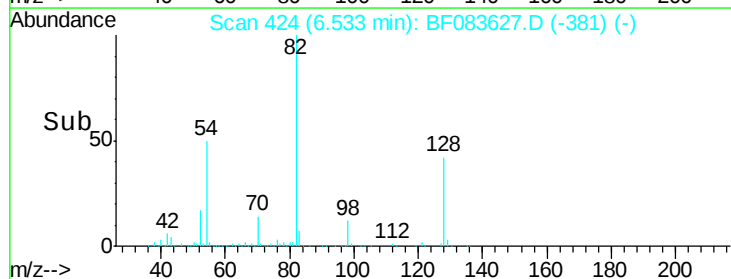
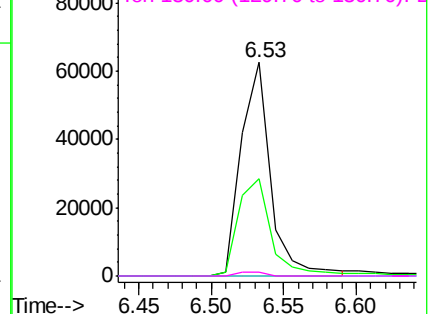
42 45.8 49.2 73.8#

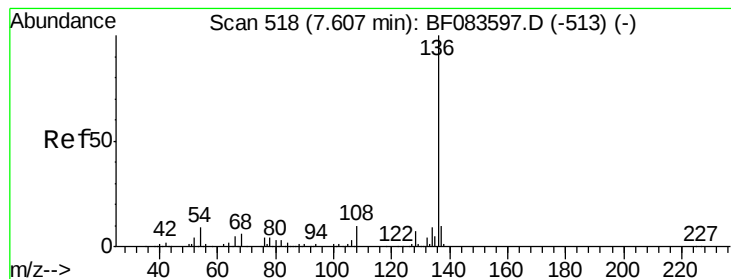
101 0.0 7.1 10.7#

130 1.9 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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-6(0-2)

Tot Ion:136 Resp: 458090

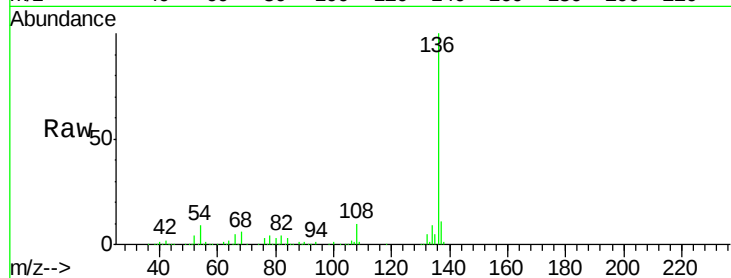
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 7.8 11.6

68 6.2 5.7 8.5

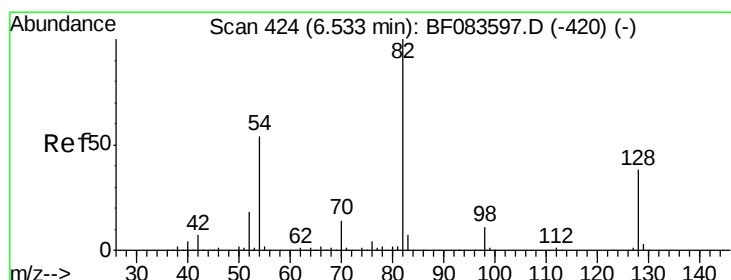
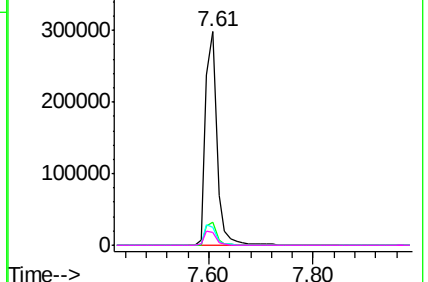
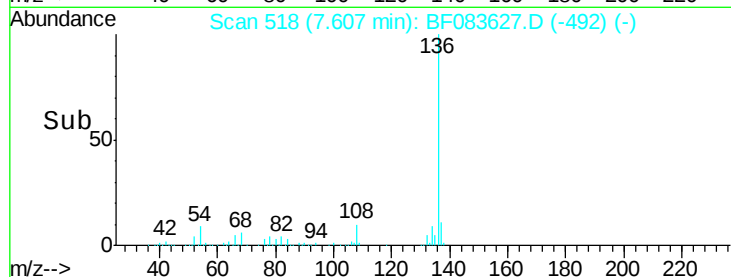


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.64 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

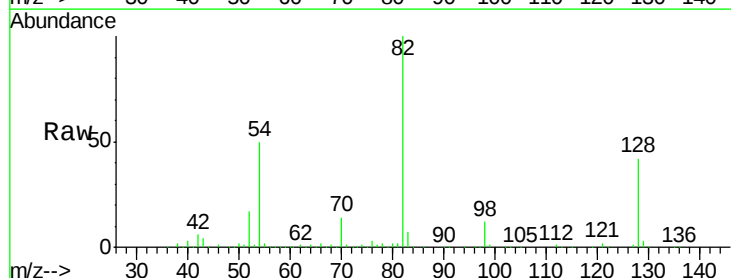
Tgt Ion: 82 Resp: 683710

Ion Ratio Lower Upper

82 100

128 41.8 30.7 46.1

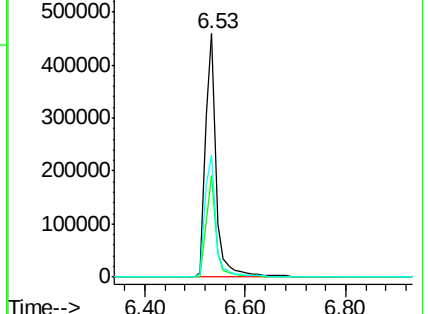
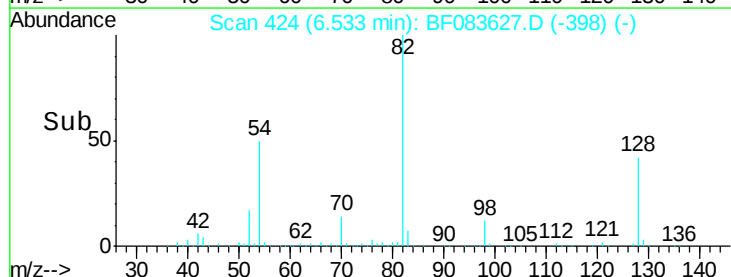
54 50.2 42.5 63.7

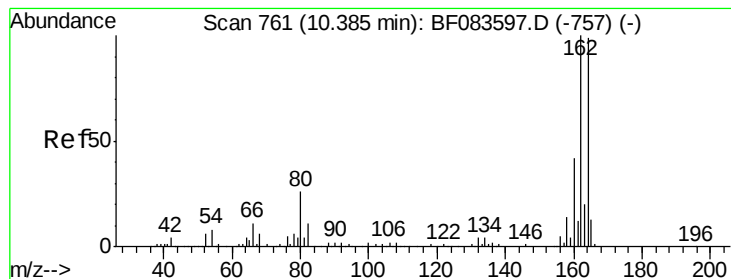


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF083627.D

Acq: 9 Dec 2015 7:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-6(0-2)

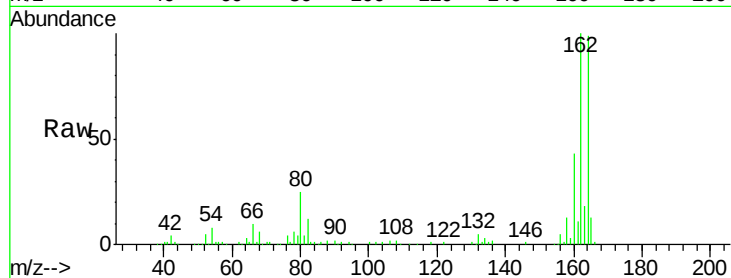
Tot Ion:164 Resp: 189113

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

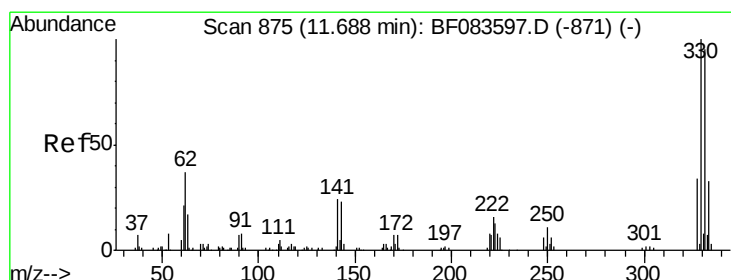
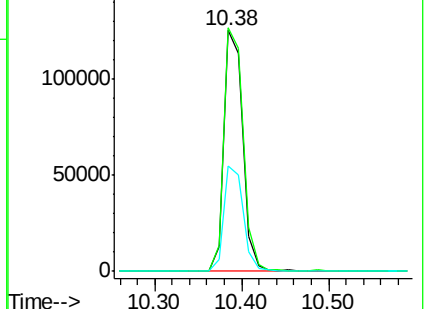
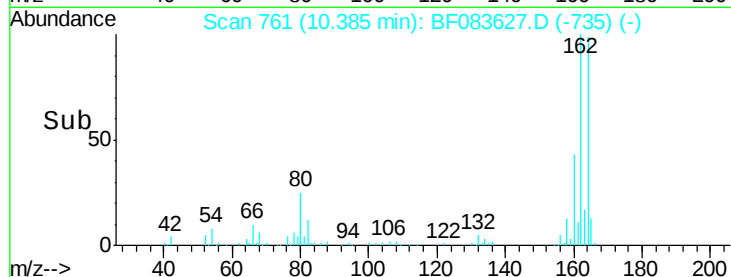
160 43.9 33.4 50.2



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: 96.30 ng

RT: 11.69 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

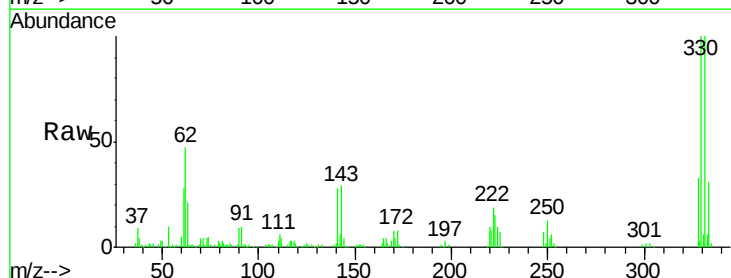
Tgt Ion:330 Resp: 162247

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

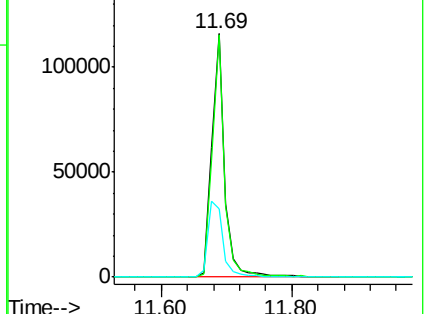
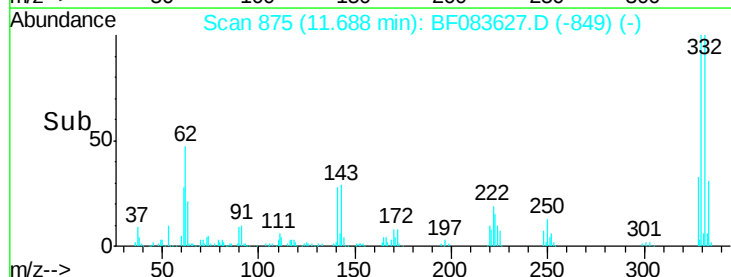
141 36.5 0.0 0.0#

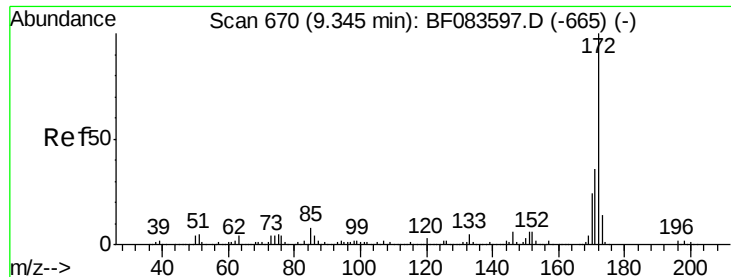


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 59.95 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-6(0-2)

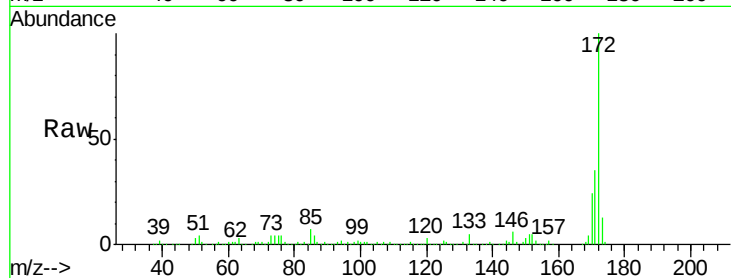
Tot Ion:172 Resp: 805571

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

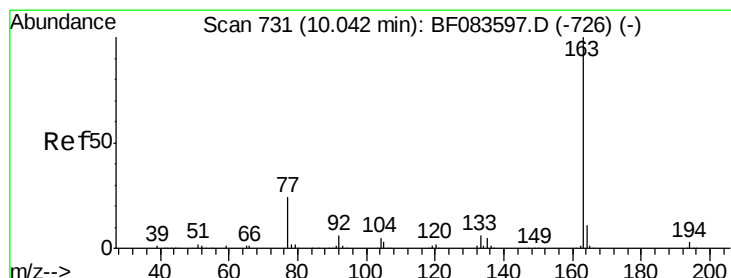
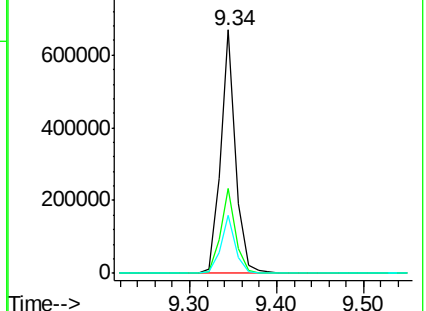
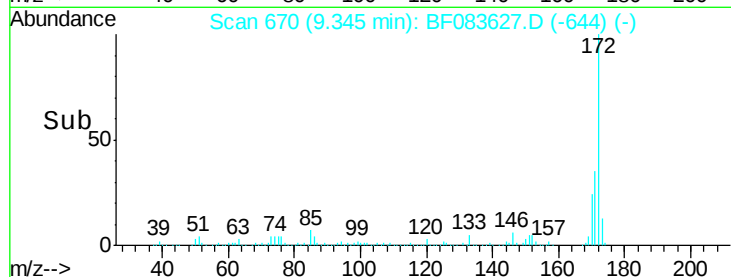
170 23.9 19.4 29.0



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: 16.12 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

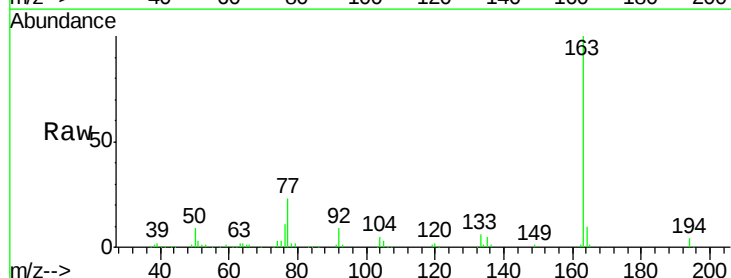
Tgt Ion:163 Resp: 242711

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

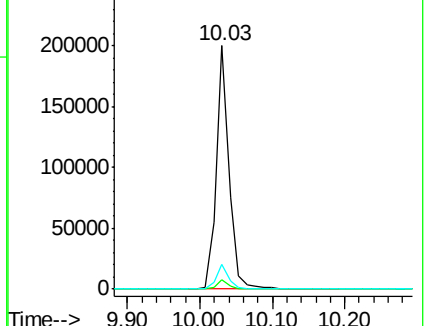
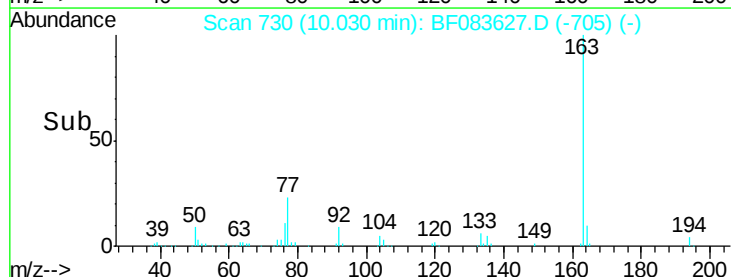
164 10.0 8.6 13.0

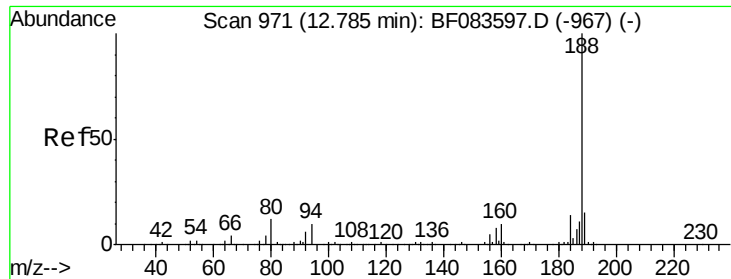


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

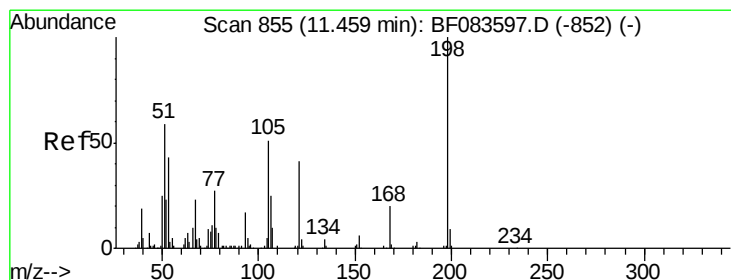
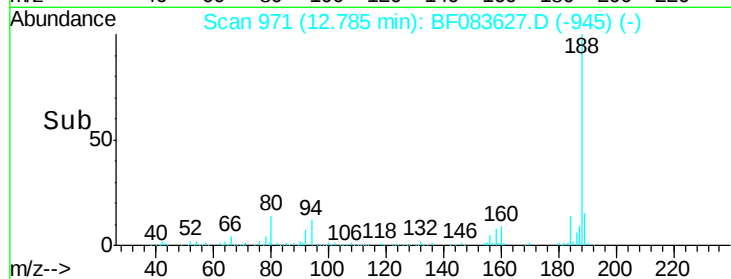
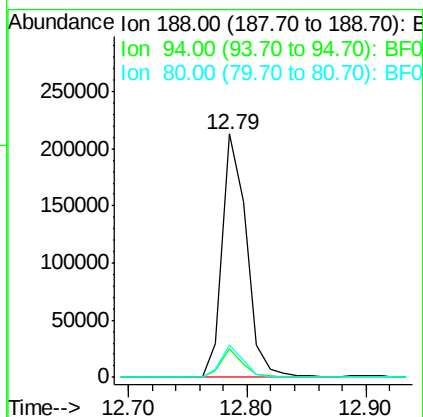
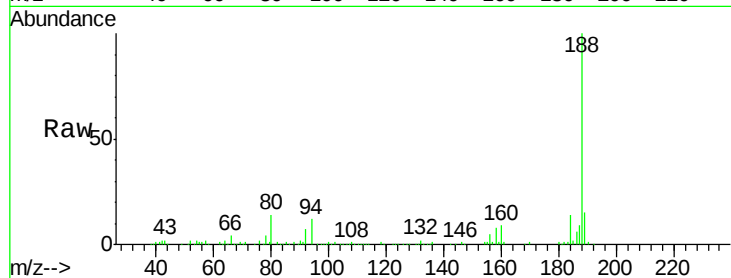




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF083627.D
Acq: 9 Dec 2015 7:39

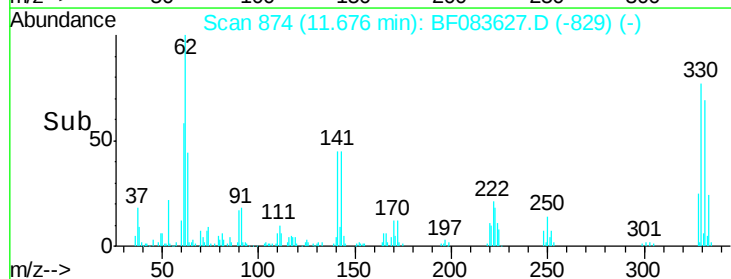
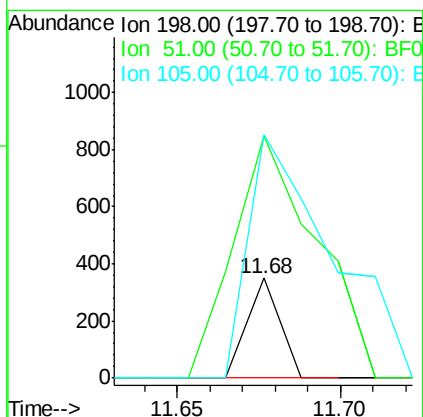
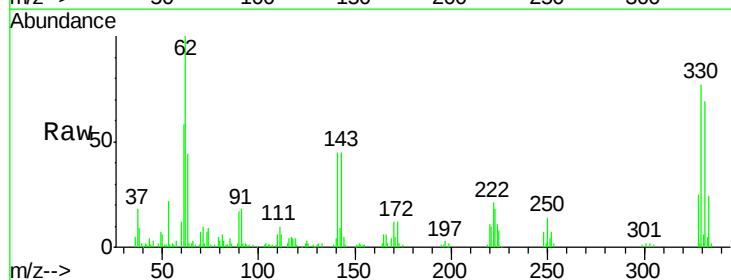
Instrument :
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BRIDGE14-6(0-2)

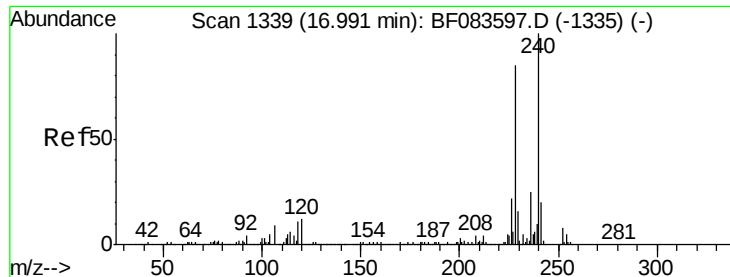
Tot Ion:188 Resp: 302224
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 13.5 10.6 16.0



#64
4,6-Dinitro-2-methylphenol
Concen: 2.06 ng
RT: 11.68 min Scan# 874
Delta R.T. 0.22 min
Lab File: BF083627.D
Acq: 9 Dec 2015 7:39

Tgt Ion:198 Resp: 239
Ion Ratio Lower Upper
198 100
51 243.3 53.8 93.8#
105 244.4 38.6 78.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.00 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-6(0-2)

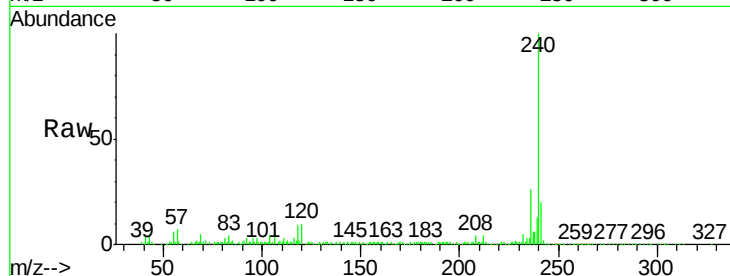
Tot Ion:240 Resp: 259641

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

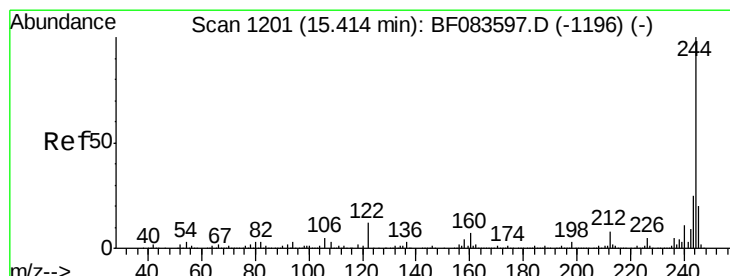
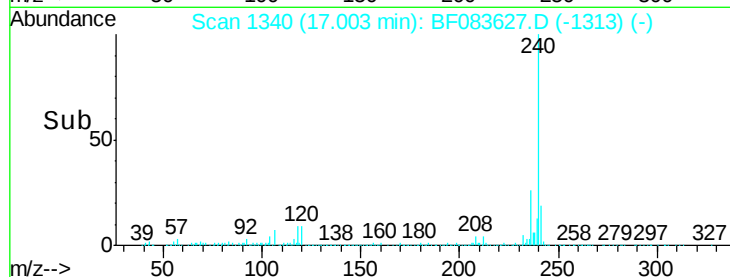
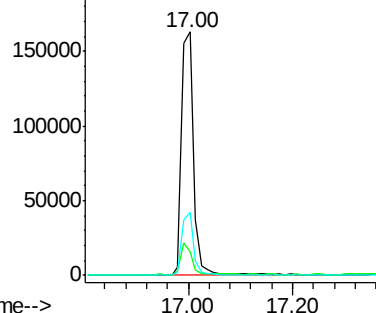
236 25.9 20.8 31.2



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: 53.12 ng

RT: 15.41 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

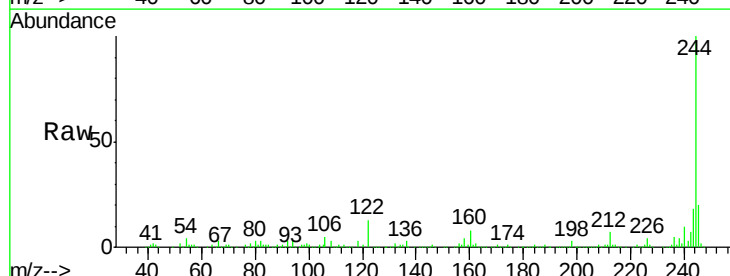
Tgt Ion:244 Resp: 586163

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

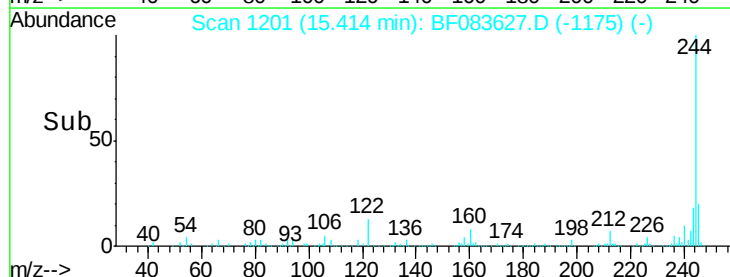
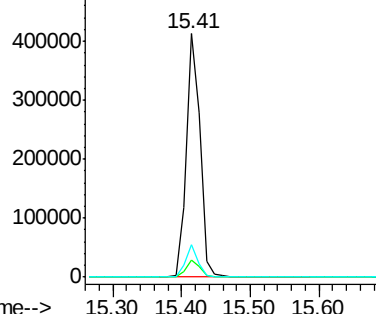
122 13.3 11.0 16.6

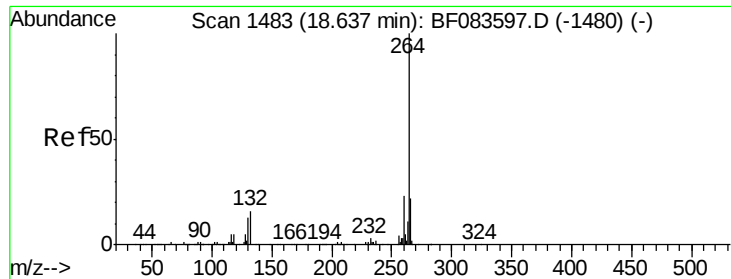


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

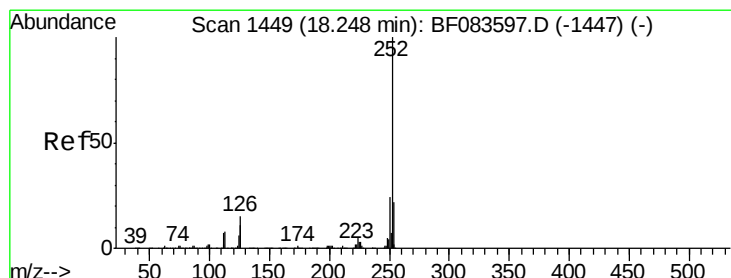
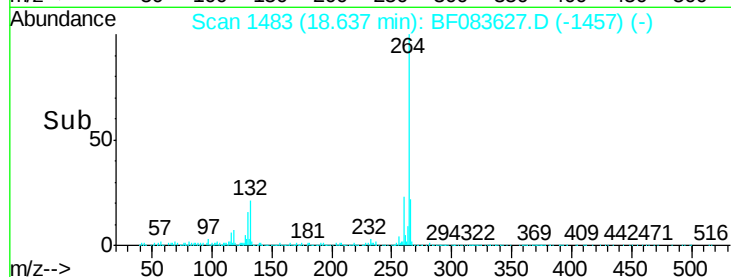
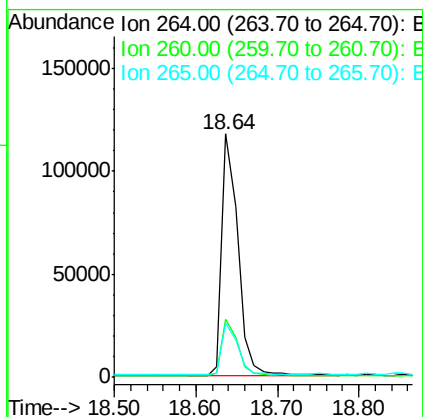
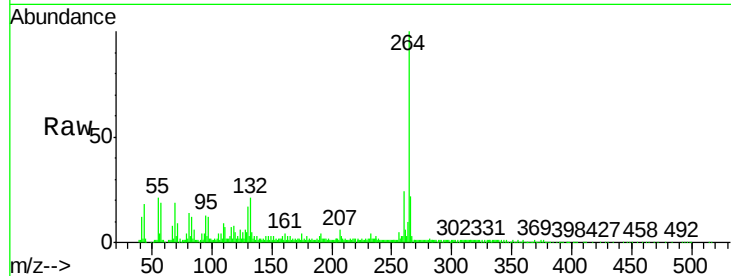




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF083627.D
Acq: 9 Dec 2015 7:39

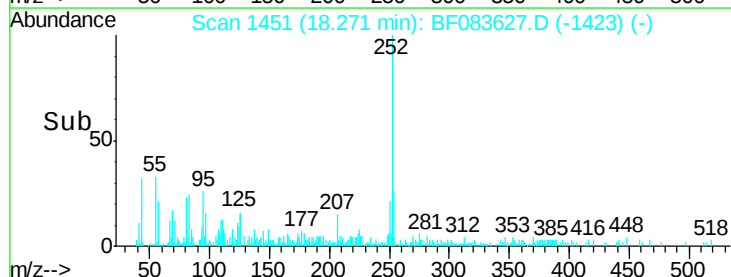
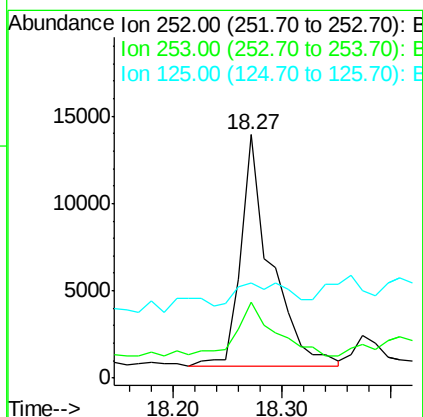
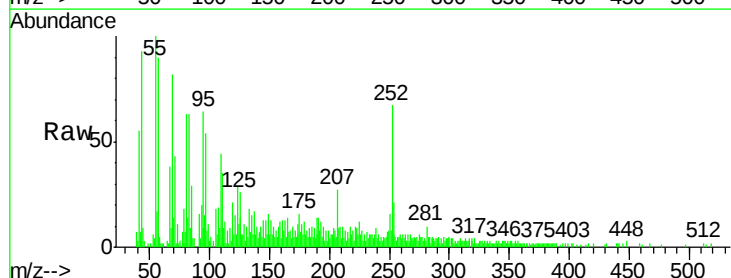
Instrument :
BNA_F
ClientSampleId :
BRIDGE14-6(0-2)

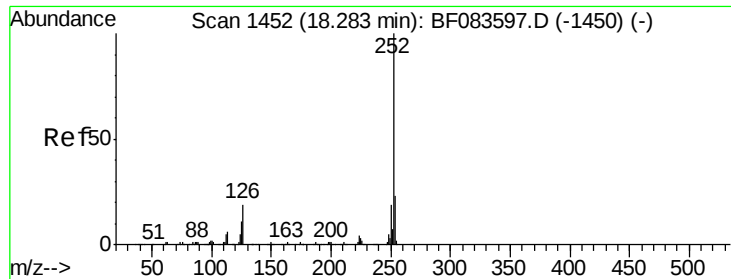
Tot Ion:264 Resp: 160622
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 22.4 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 2.79 ng
RT: 18.27 min Scan# 1451
Delta R.T. 0.02 min
Lab File: BF083627.D
Acq: 9 Dec 2015 7:39

Tgt Ion:252 Resp: 25498
Ion Ratio Lower Upper
252 100
253 31.0 18.2 27.4#
125 39.3 8.2 12.4#





#88

Benzo(k)fluoranthene

Concen: 2.53 ng

RT: 18.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF083627.D

Acq: 9 Dec 2015 7:39

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-6(0-2)

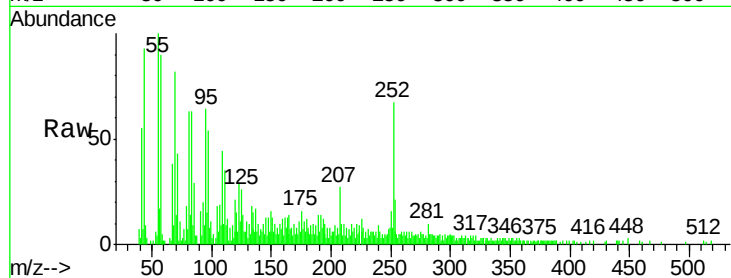
Tot Ion:252 Resp: 25498

Ion Ratio Lower Upper

252 100

253 31.0 18.6 27.8#

125 39.3 11.5 17.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

