

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
 Data File : BF083628.D
 Acq On : 9 Dec 2015 8:09
 Operator : UM/IZ
 Sample : G4647-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-7(0-2)

Quant Time: Dec 09 09:57:34 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

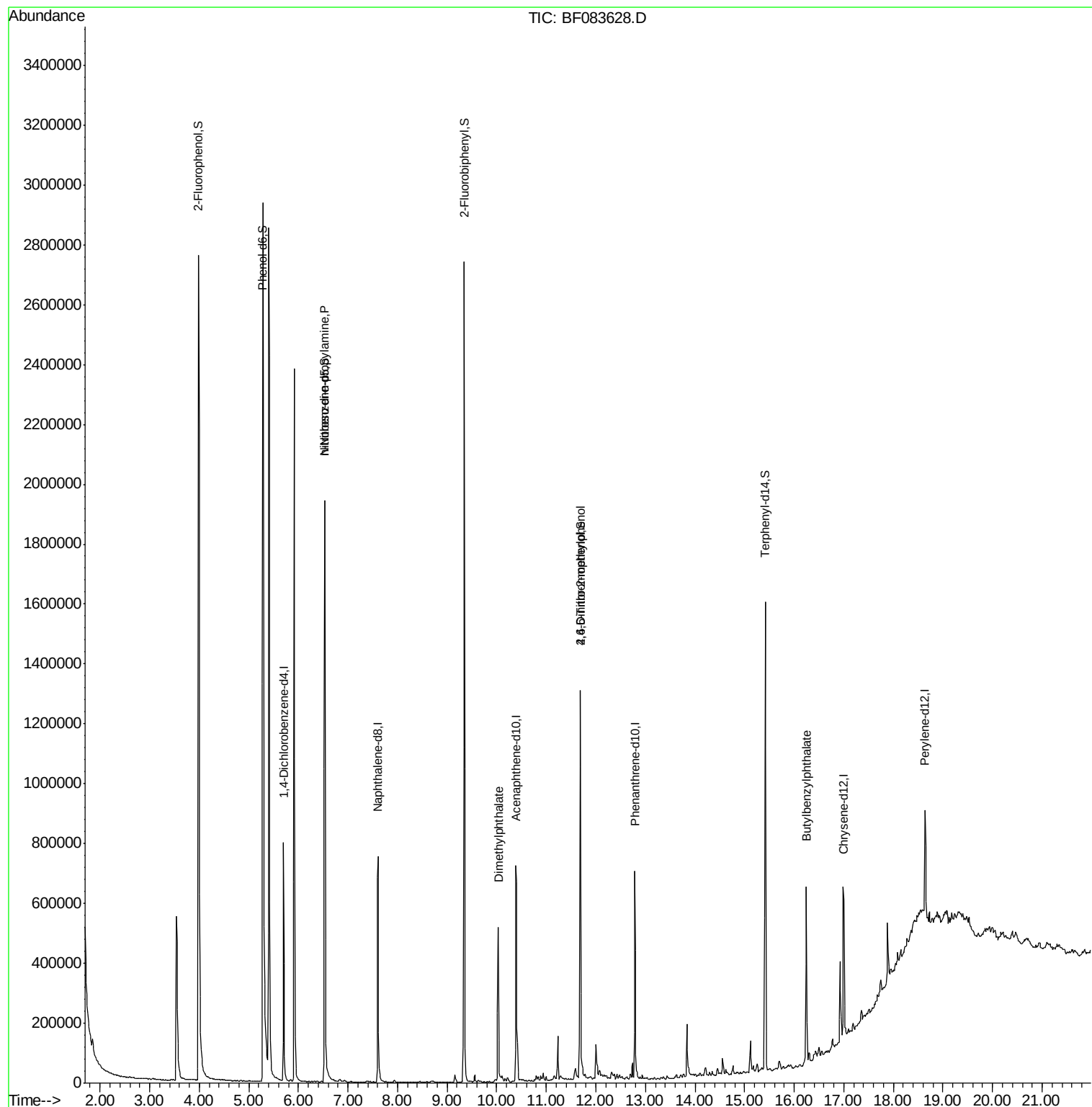
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	158904	20.00	ng	0.00
21) Naphthalene-d8	7.61	136	571324	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	235999	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	371685	20.00	ng	0.00
75) Chrysene-d12	17.00	240	278243	20.00	ng	0.01
86) Perylene-d12	18.64	264	180287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	1222103	116.65	ng	0.01
7) Phenol-d6	5.29	99	1684351	120.32	ng	0.01
23) Nitrobenzene-d5	6.53	82	955109	78.01	ng	0.00
41) 2,4,6-Tribromophenol	11.69	330	225741	107.37	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1184278	70.63	ng	0.00
78) Terphenyl-d14	15.41	244	763551	64.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	123422	12.63	ng	# 80
49) Dimethylphthalate	10.03	163	284745	15.16	ng	99
64) 4,6-Dinitro-2-methylphenol	11.69	198	252	2.04	ng	# 1
79) Butylbenzylphthalate	16.25	149	181658	20.43	ng	96

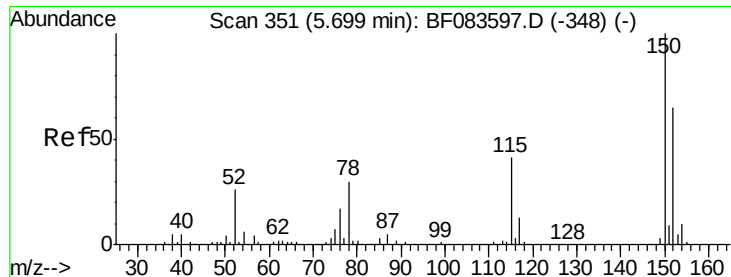
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120815\
Data File : BF083628.D
Acq On : 9 Dec 2015 8:09
Operator : UM/IZ
Sample : G4647-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-7(0-2)

Quant Time: Dec 09 09:57:34 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083628.D

Acq: 9 Dec 2015 8:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-7(0-2)

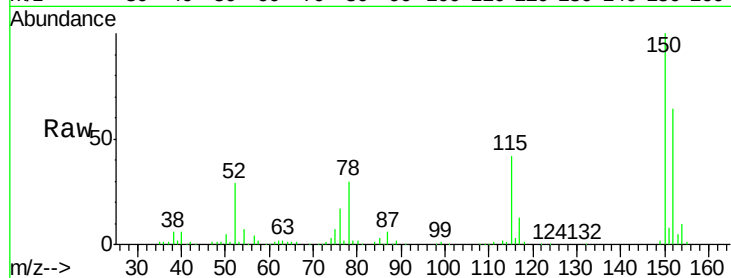
Tot Ion:152 Resp: 158904

Ion Ratio Lower Upper

152 100

150 156.4 126.5 189.7

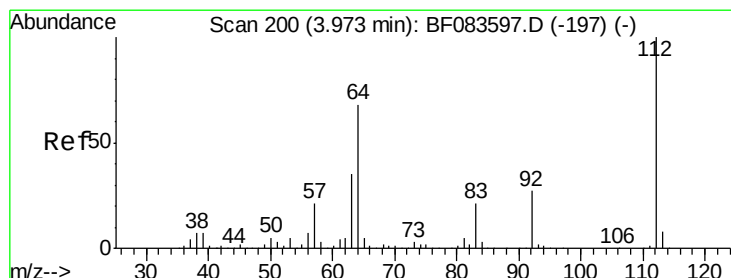
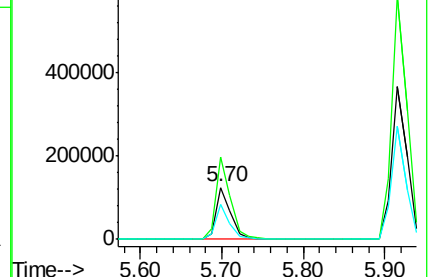
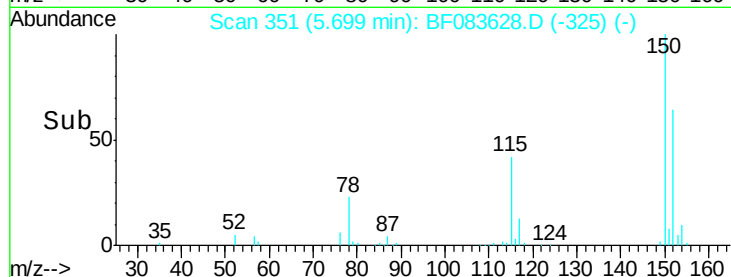
115 66.4 52.3 78.5



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: 116.65 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083628.D

Acq: 9 Dec 2015 8:09

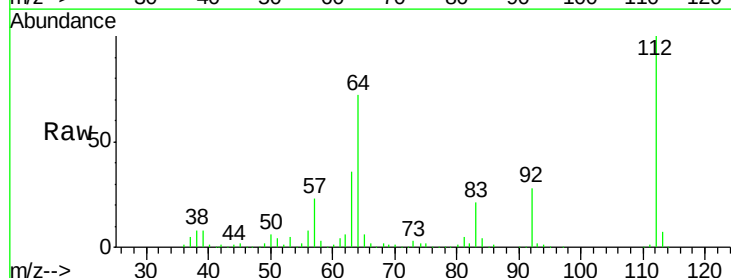
Tgt Ion:112 Resp: 1222103

Ion Ratio Lower Upper

112 100

64 72.3 50.5 75.7

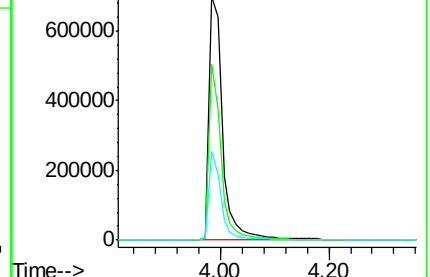
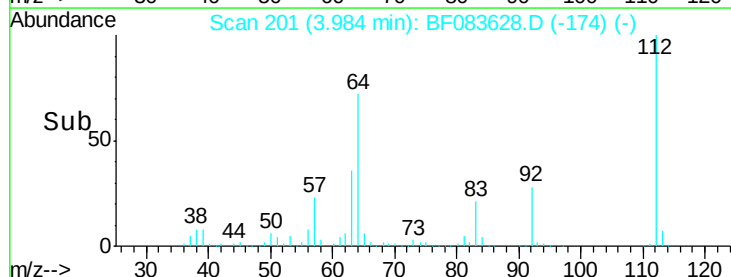
63 36.5 25.8 38.6

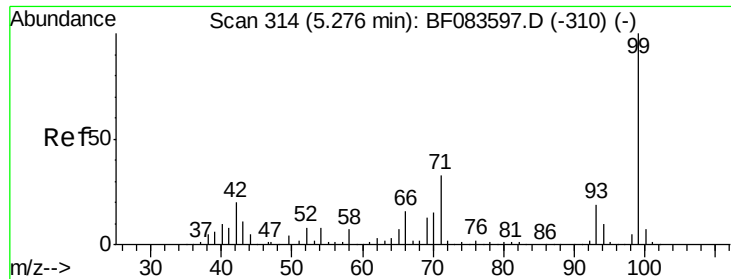


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.32 ng

RT: 5.29 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF083628.D

Acq: 9 Dec 2015 8:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-7(0-2)

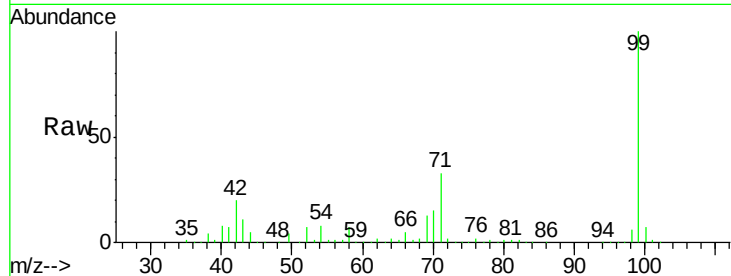
Tot Ion: 99 Resp: 1684351

Ion Ratio Lower Upper

99 100

42 20.2 17.3 25.9

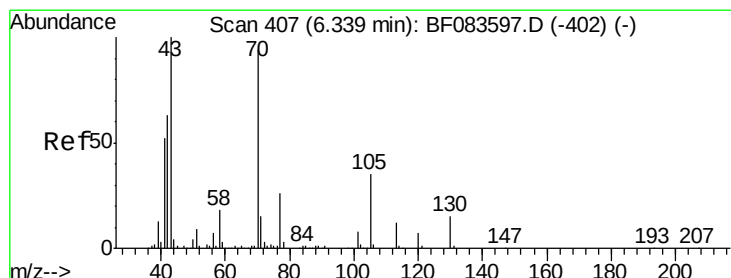
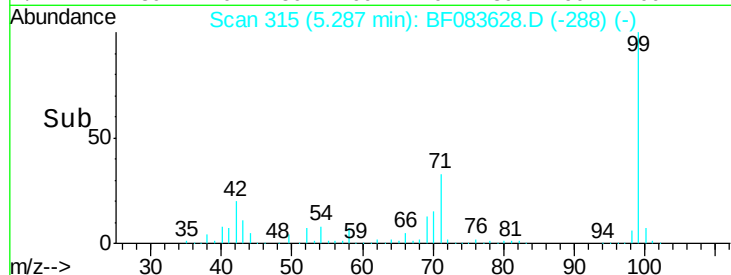
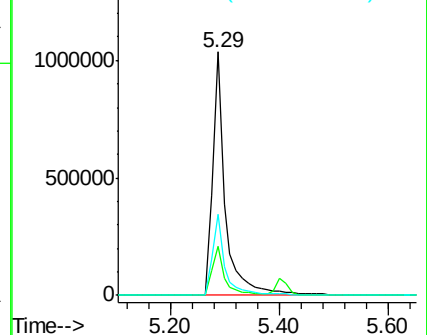
71 33.4 26.6 40.0



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: 12.63 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.19 min

Lab File: BF083628.D

Acq: 9 Dec 2015 8:09

Tgt Ion: 70 Resp: 123422

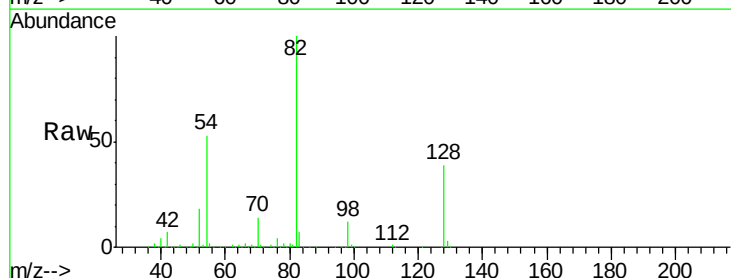
Ion Ratio Lower Upper

70 100

42 50.7 49.2 73.8

101 0.0 7.1 10.7#

130 2.0 15.4 23.0#

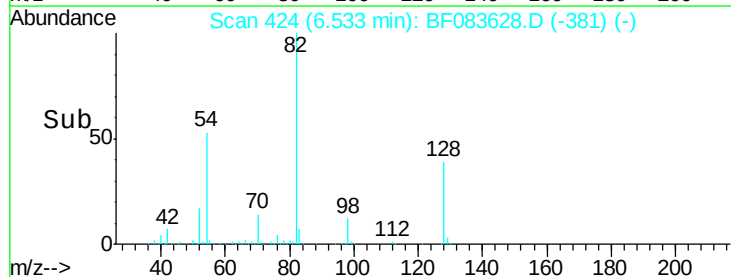
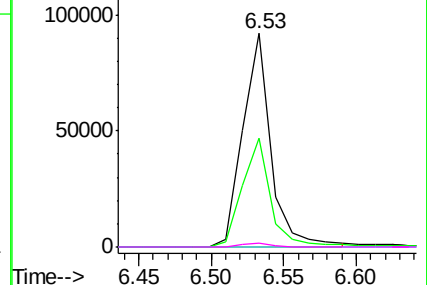


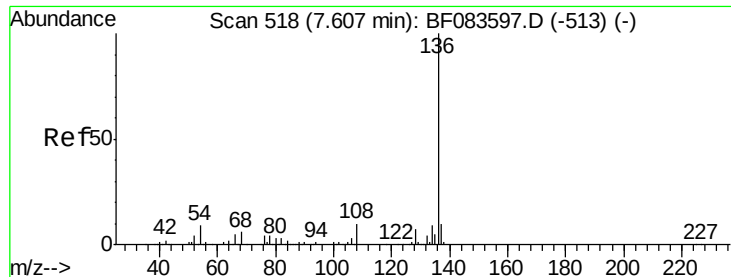
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF083628.D

Acq: 9 Dec 2015 8:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-7(0-2)

Tot Ion:136 Resp: 571324

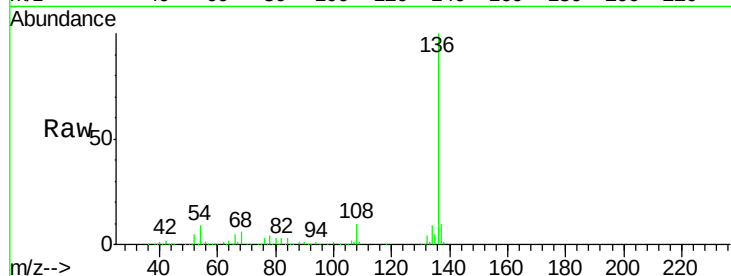
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 8.6 7.8 11.6

68 6.3 5.7 8.5

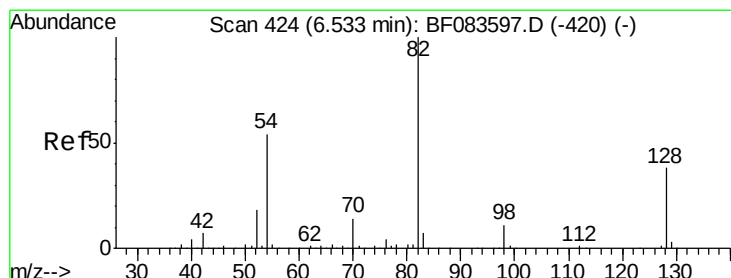
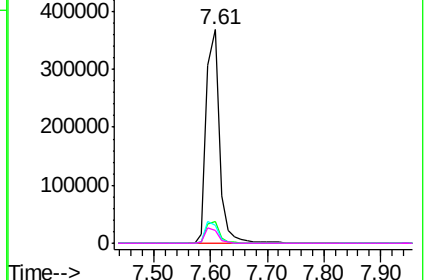
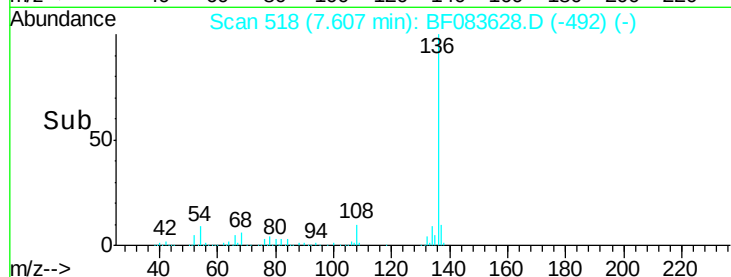


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.01 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF083628.D

Acq: 9 Dec 2015 8:09

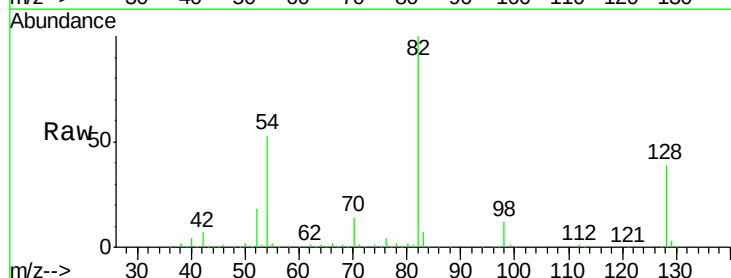
Tgt Ion: 82 Resp: 955109

Ion Ratio Lower Upper

82 100

128 38.8 30.7 46.1

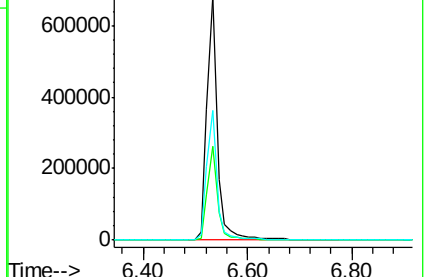
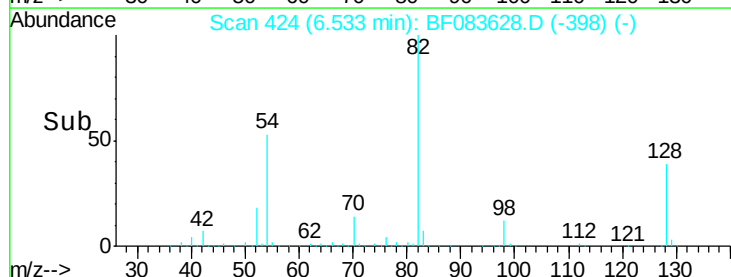
54 53.5 42.5 63.7

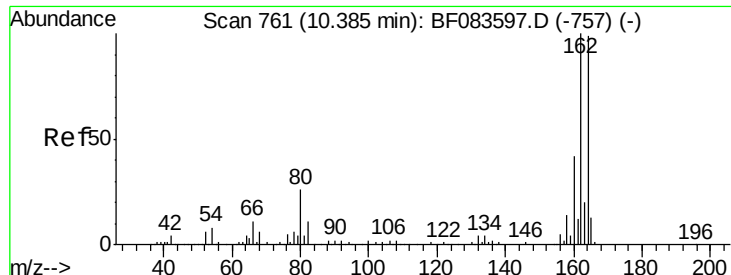


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF083628.D

Acq: 9 Dec 2015 8:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-7(0-2)

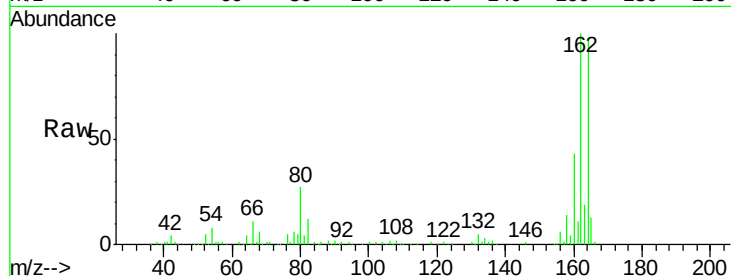
Tot Ion:164 Resp: 235999

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

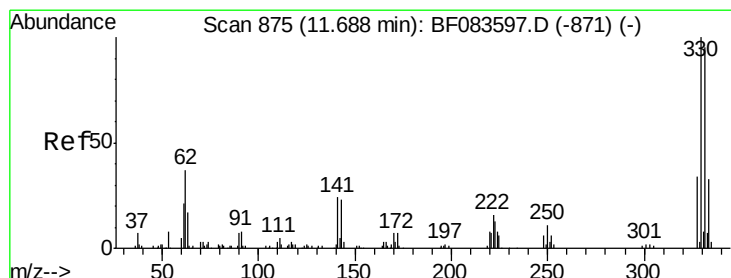
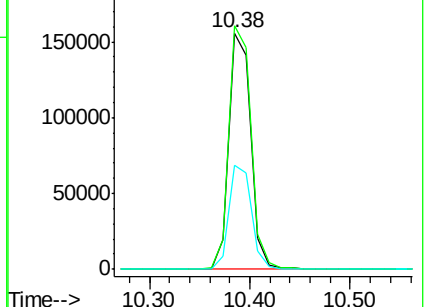
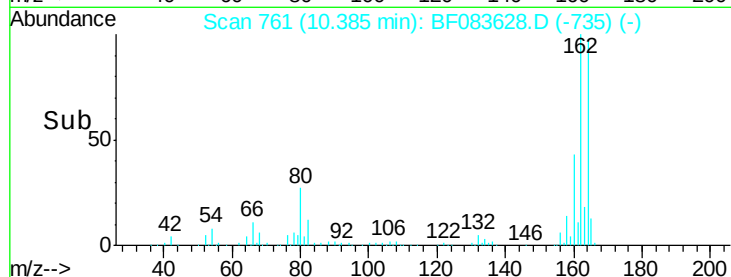
160 43.9 33.4 50.2



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: 107.37 ng

RT: 11.69 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF083628.D

Acq: 9 Dec 2015 8:09

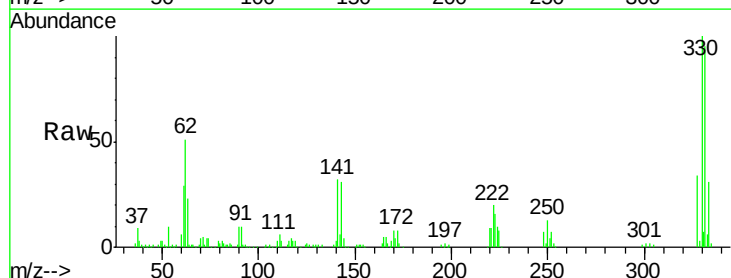
Tgt Ion:330 Resp: 225741

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

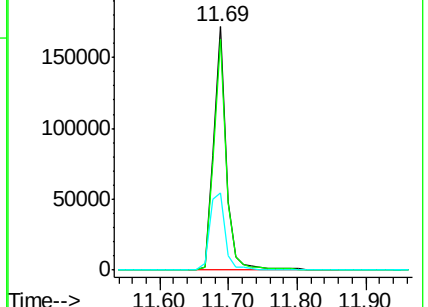
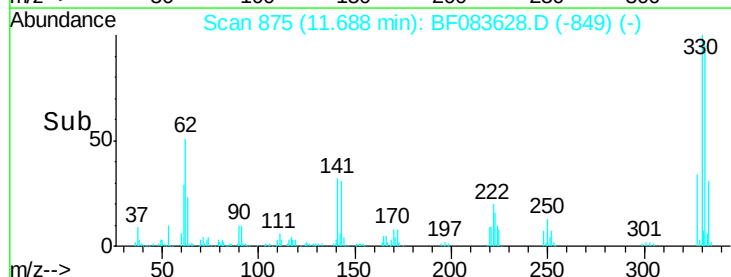
141 38.5 0.0 0.0#

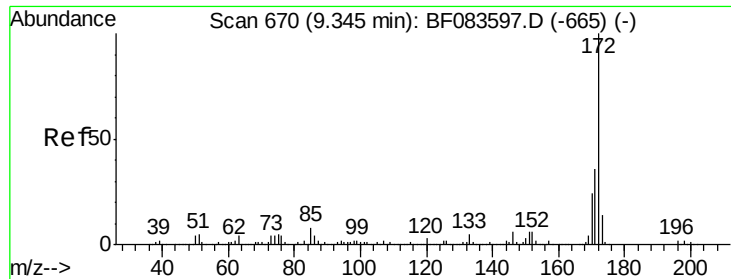


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 70.63 ng

RT: 9.34 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083628.D

Acq: 9 Dec 2015 8:09

Instrument :

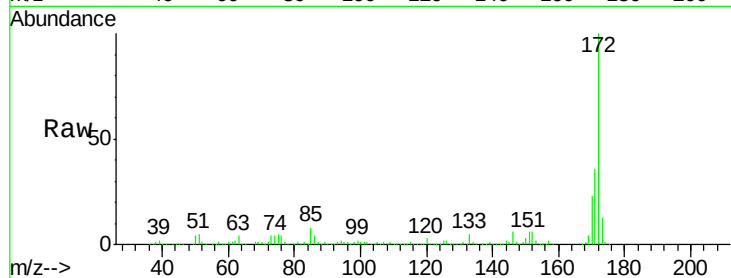
BNA_F

ClientSampleId :

BRIDGE14-7(0-2)

Tot Ion:172 Resp: 1184278

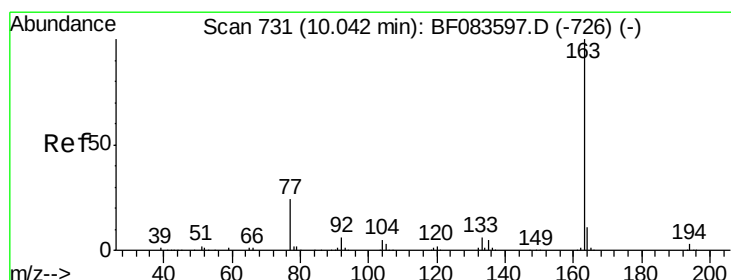
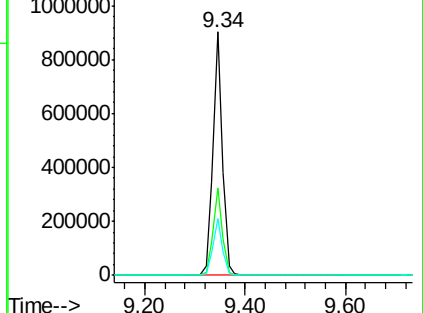
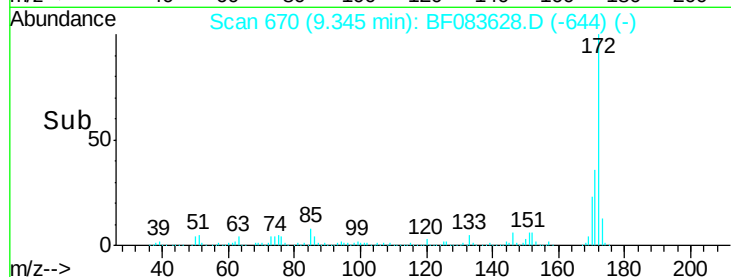
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.4	19.4	29.0



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: 15.16 ng

RT: 10.03 min Scan# 730

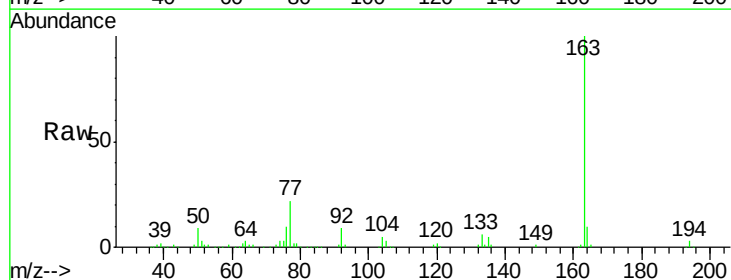
Delta R.T. -0.01 min

Lab File: BF083628.D

Acq: 9 Dec 2015 8:09

Tgt Ion:163 Resp: 284745

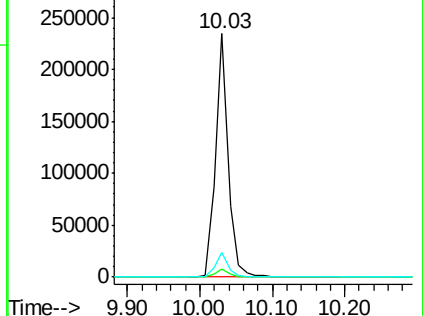
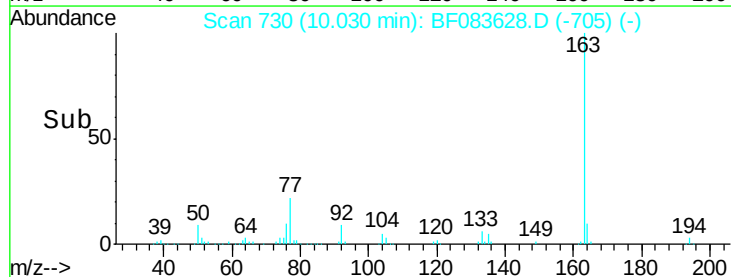
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.4	8.6	13.0

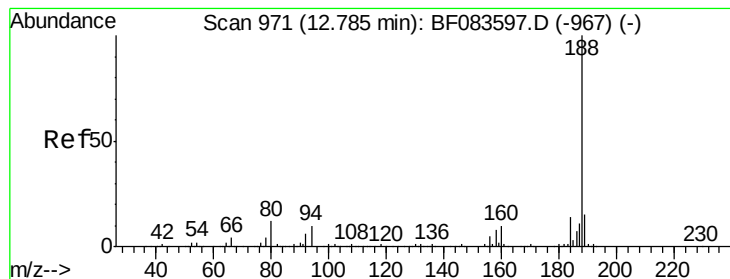


Abundance Ion 163.00 (162.70 to 163.70): E

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: BF083628.D

Acq: 9 Dec 2015 8:09

Instrument :

BNA_F

ClientSampleId :

BRIDGE14-7(0-2)

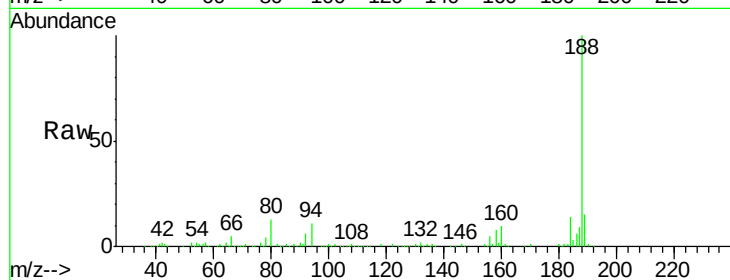
Tot Ion:188 Resp: 371685

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

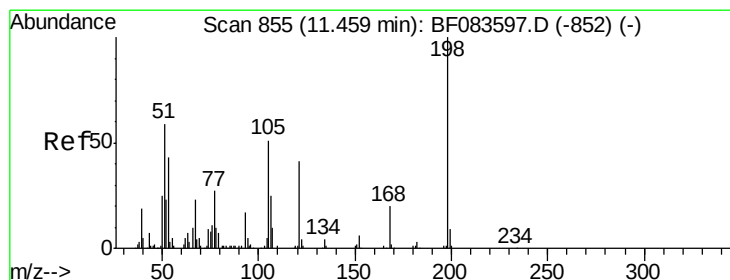
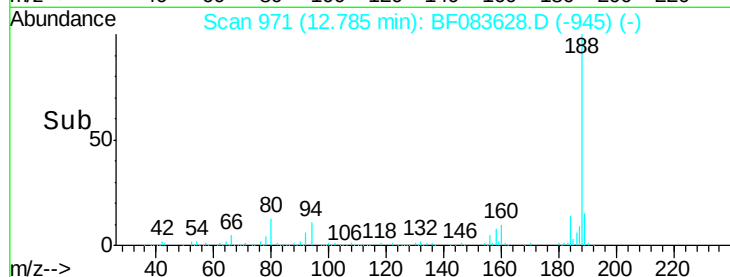
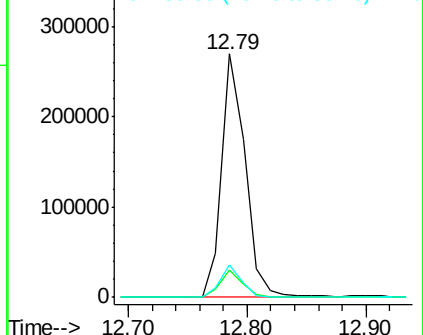
80 13.1 10.6 16.0



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: 11.69 min Scan# 875

Delta R.T. 0.23 min

Lab File: BF083628.D

Acq: 9 Dec 2015 8:09

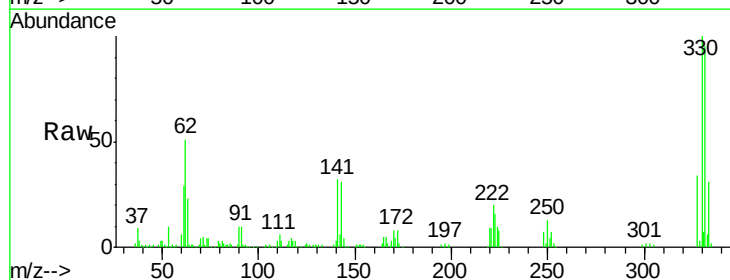
Tgt Ion:198 Resp: 252

Ion Ratio Lower Upper

198 100

51 278.0 53.8 93.8#

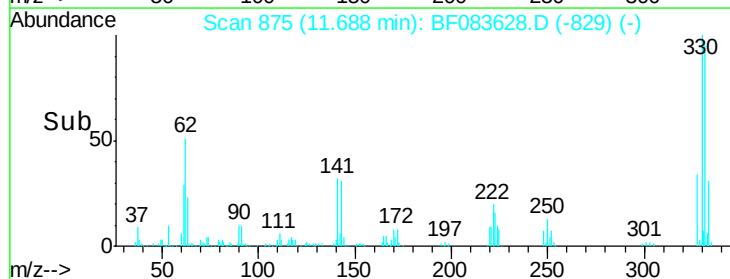
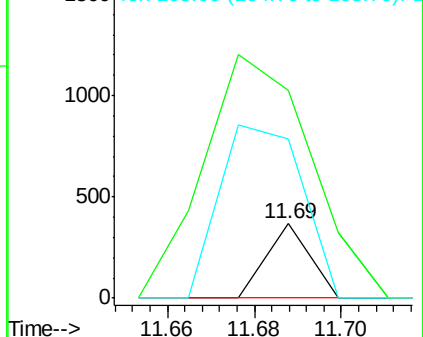
105 213.0 38.6 78.6#

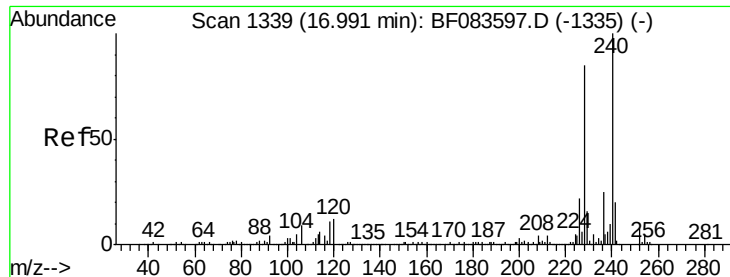


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

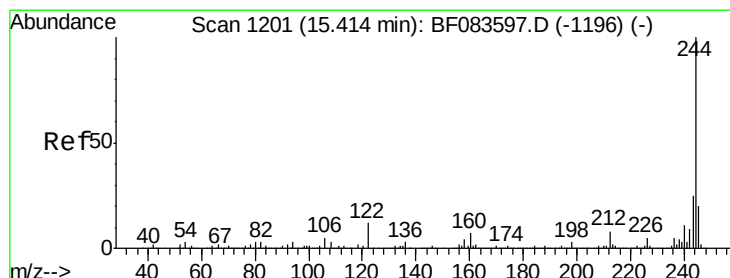
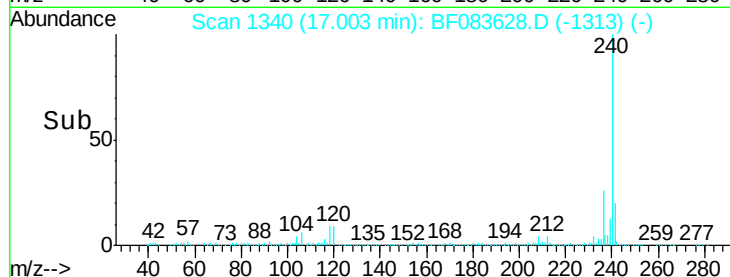
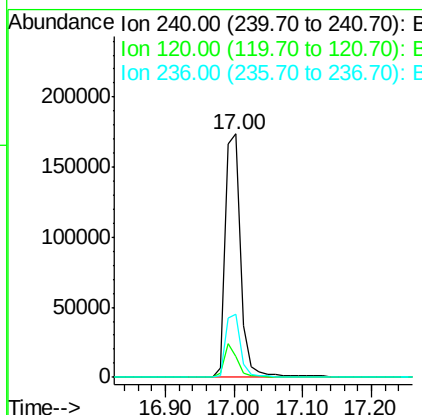
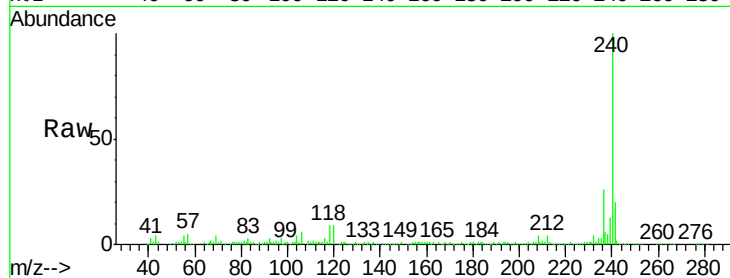




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF083628.D
 Acq: 9 Dec 2015 8:09

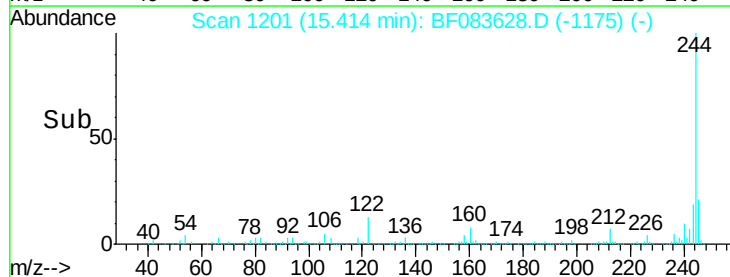
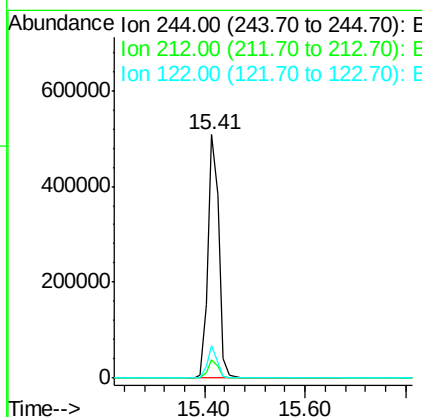
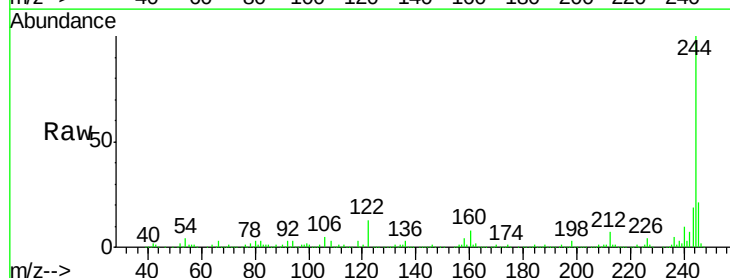
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE14-7(0-2)

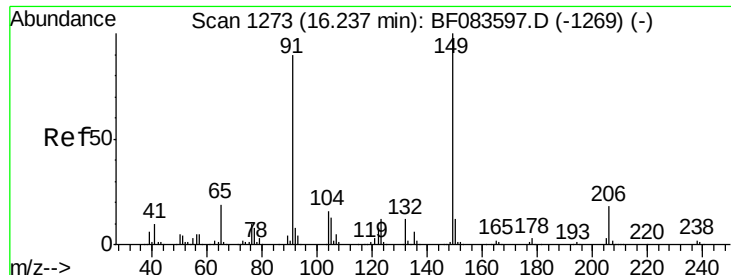
Tot Ion:240 Resp: 278243
 Ion Ratio Lower Upper
 240 100
 120 8.7 8.1 12.1
 236 26.2 20.8 31.2



#78
 Terphenyl-d14
 Concen: 64.57 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083628.D
 Acq: 9 Dec 2015 8:09

Tgt Ion:244 Resp: 763551
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.3 11.0 16.6

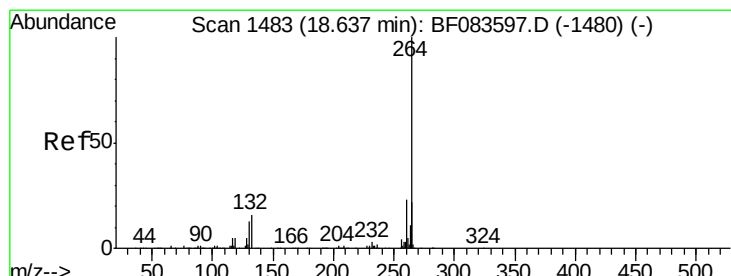
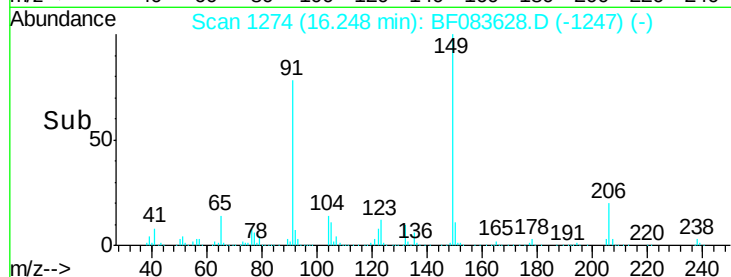
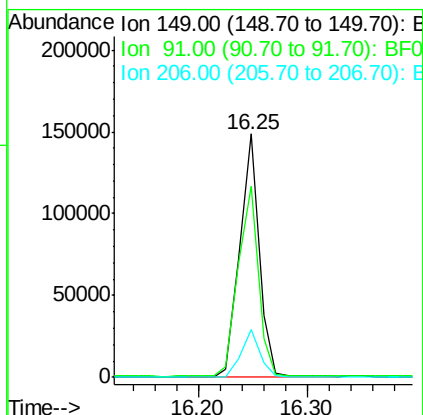
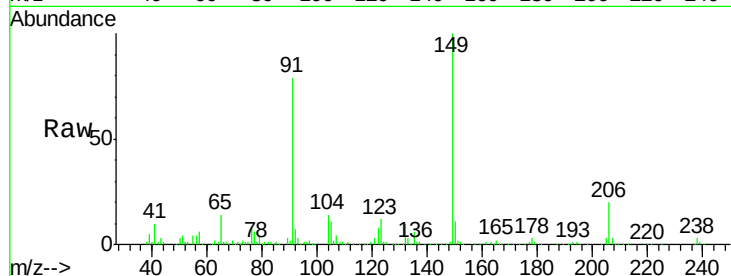




#79
Butylbenzylphthalate
Concen: 20.43 ng
RT: 16.25 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF083628.D
Acq: 9 Dec 2015 8:09

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-7(0-2)

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.7	60.0	90.0
206	19.8	16.2	24.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF083628.D
Acq: 9 Dec 2015 8:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.7	17.8	26.6

