

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028737.D
 Acq On : 14 Sep 2017 18:01
 Operator : SJ/JU
 Sample : I5187-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170607-COMP-D

Quant Time: Sep 15 07:50:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

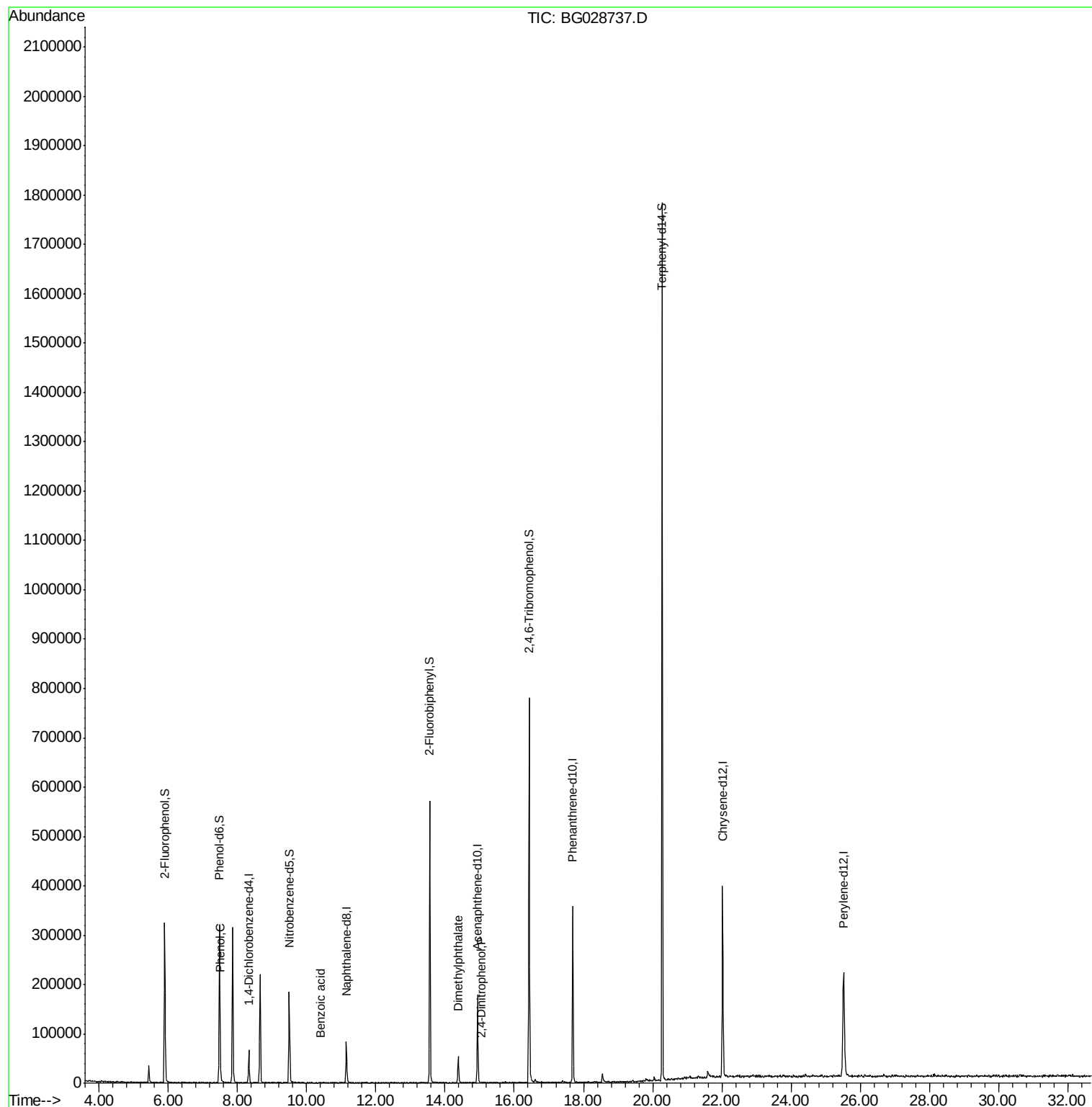
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	18408	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	77125	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	68263	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	238039	20.00	ng	0.00
75) Chrysene-d12	22.02	240	276208	20.00	ng	0.00
86) Perylene-d12	25.52	264	288675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	140457	125.90	ng	0.00
7) Phenol-d6	7.48	99	198983	118.47	ng	0.00
23) Nitrobenzene-d5	9.50	82	123492	76.60	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	176423	156.26	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	324283	63.34	ng	0.00
78) Terphenyl-d14	20.28	244	843423	65.12	ng	0.00
Target Compounds						
10) Phenol	7.50	94	5733	3.234	ng	# 67
32) Benzoic acid	10.42	122	60	6.139	ng	# 1
49) Dimethylphthalate	14.38	163	44484	7.771	ng	98
53) 2,4-Dinitrophenol	15.03	184	73	8.099	ng	# 15

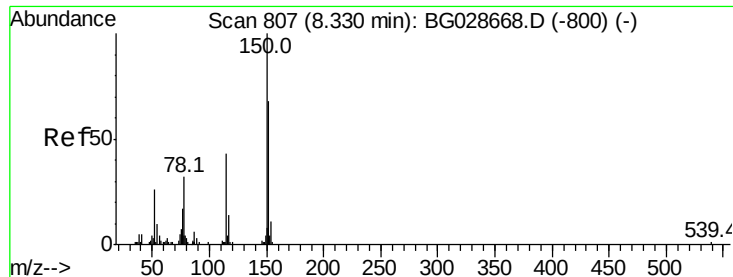
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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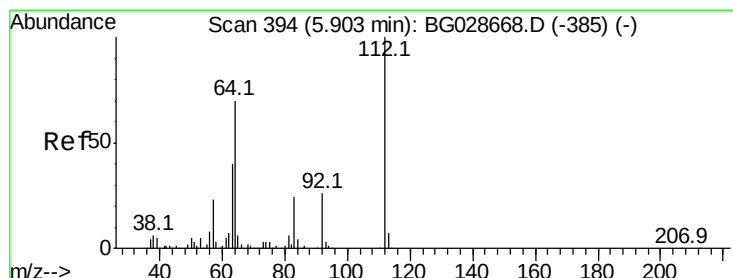
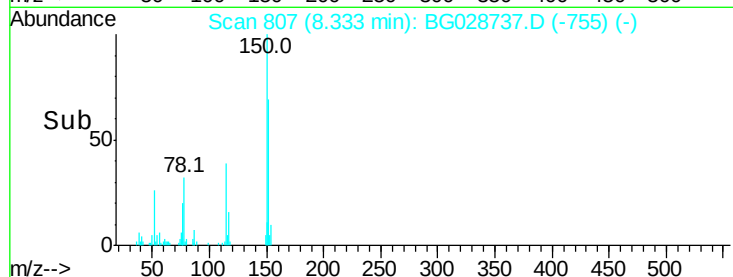
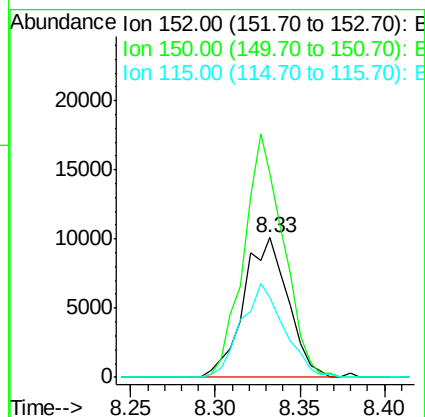
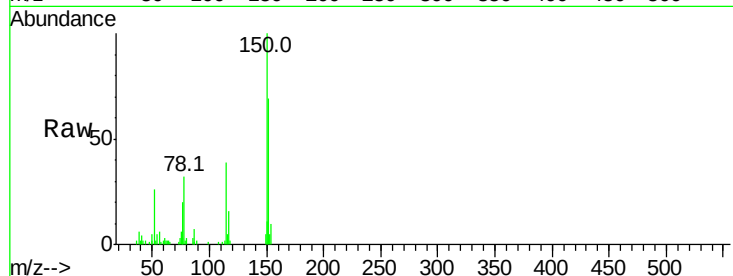


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

Instrument :
BNA_G
ClientSampleId :
20170607-COMP-D

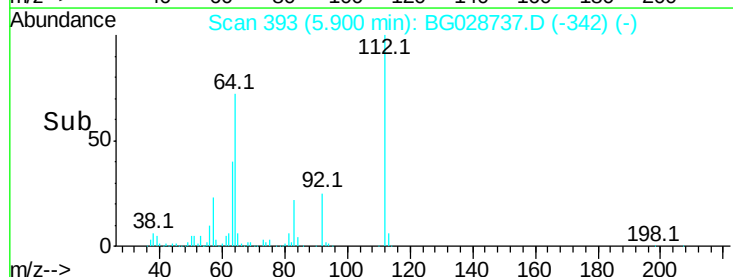
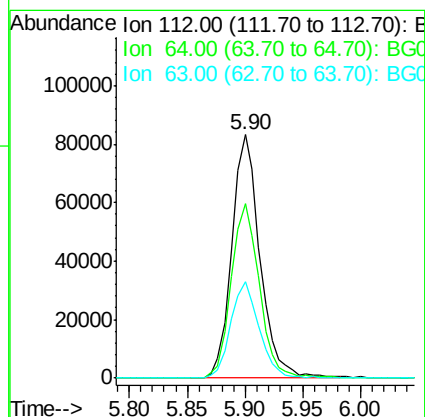
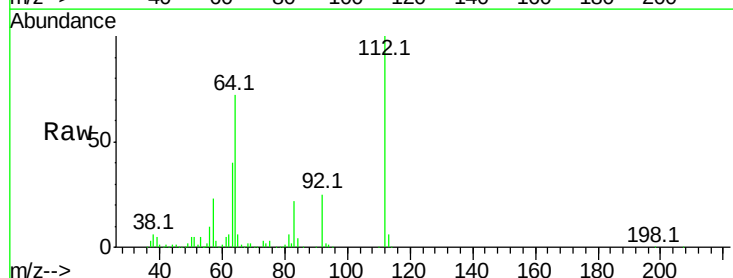
Tot Ion:152 Resp: 18408
Ion Ratio Lower Upper
152 100
150 145.9 114.0 171.0
115 57.0 48.1 72.1

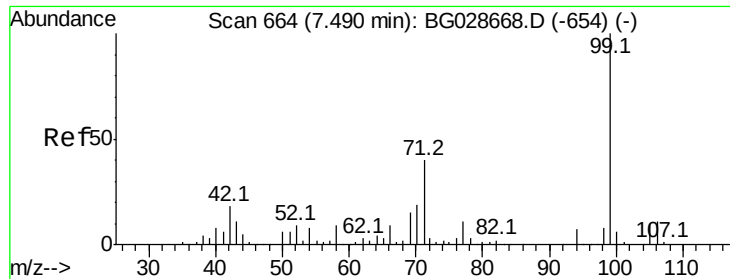


#5

2-Fluorophenol
Concen: 125.902 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

Tgt Ion:112 Resp: 140457
Ion Ratio Lower Upper
112 100
64 71.7 61.8 92.6
63 39.6 37.2 55.8





#7

Phenol-d6

Concen: 118.465 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

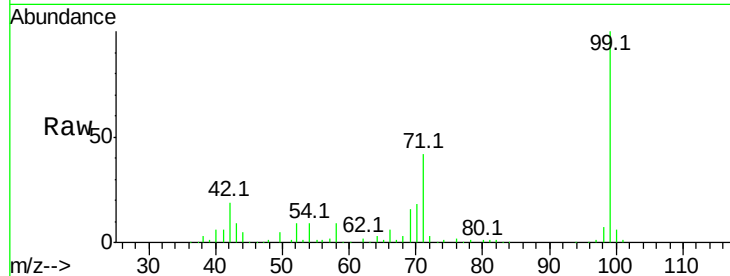
Tot Ion: 99 Resp: 198983

Ion Ratio Lower Upper

99 100

42 19.2 20.5 30.7#

71 42.1 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

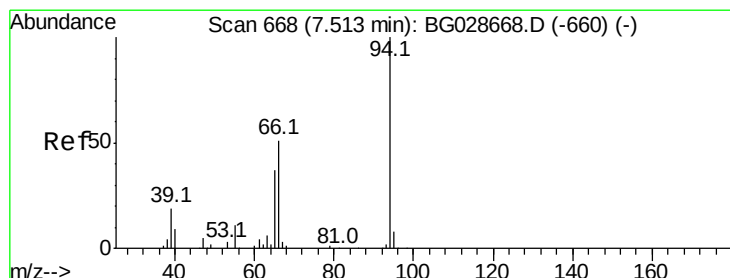
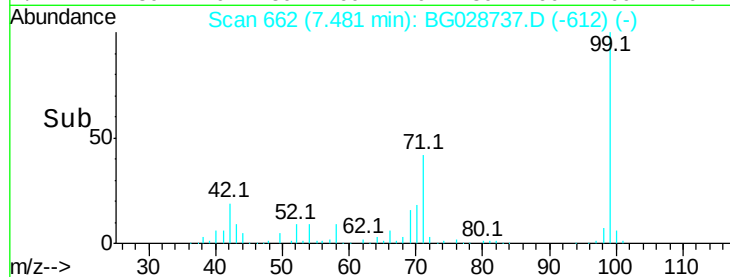
7.48

100000

50000

0

Time-->



#10

Phenol

Concen: 3.234 ng

RT: 7.50 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

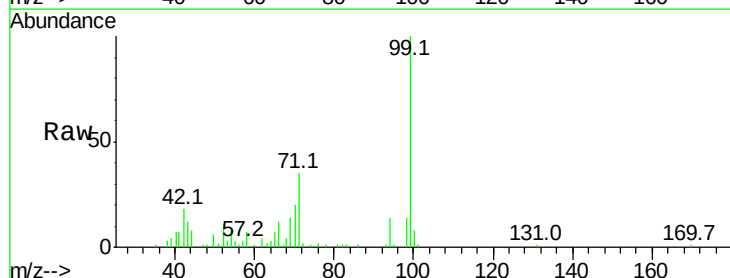
Tgt Ion: 94 Resp: 5733

Ion Ratio Lower Upper

94 100

65 49.8 20.6 60.6

66 89.3 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

8000

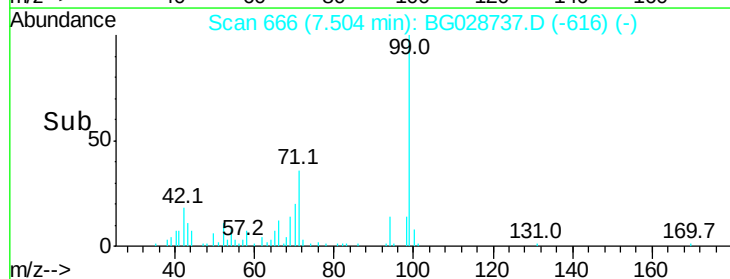
6000

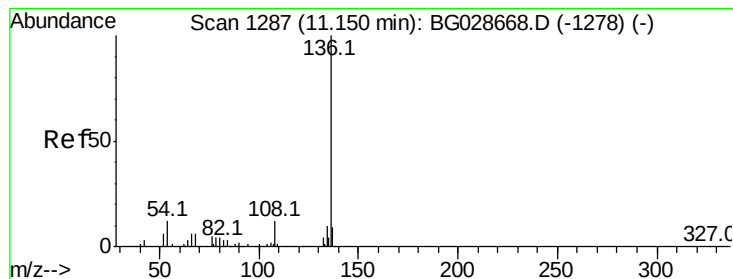
4000

2000

0

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

Tot Ion:136 Resp: 77125

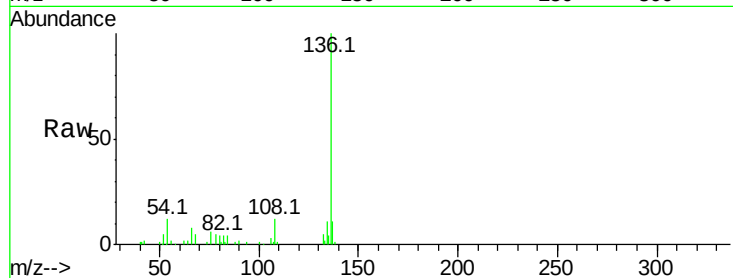
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 11.7 9.3 13.9

68 5.2 5.1 7.7

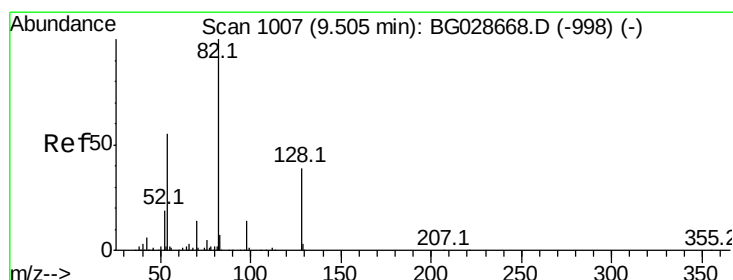
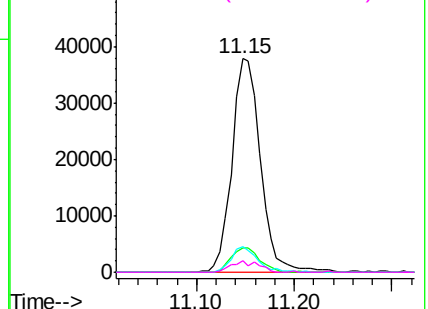
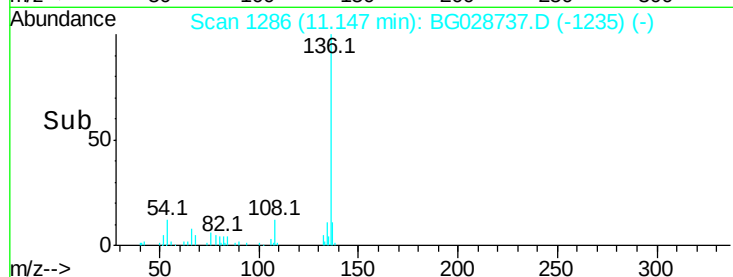


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 76.597 ng

RT: 9.50 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

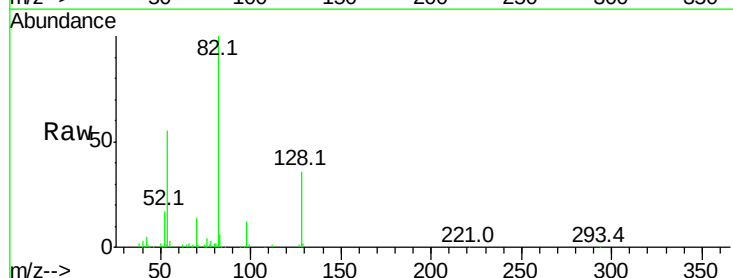
Tgt Ion: 82 Resp: 123492

Ion Ratio Lower Upper

82 100

128 35.6 26.4 39.6

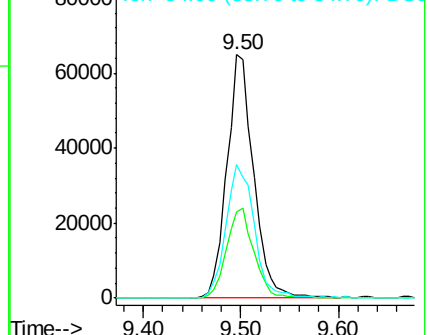
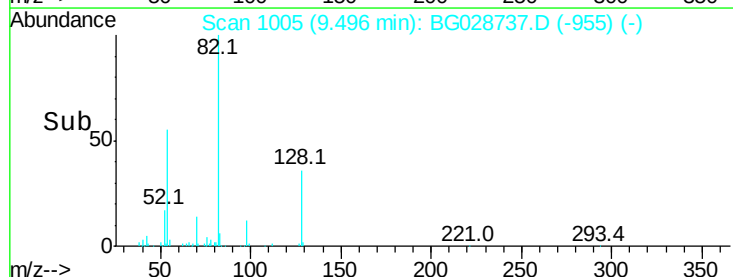
54 54.8 49.4 74.2

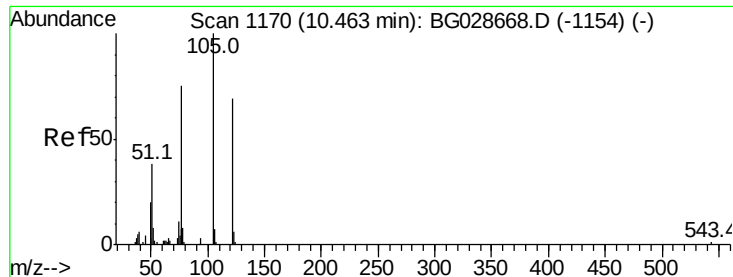


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

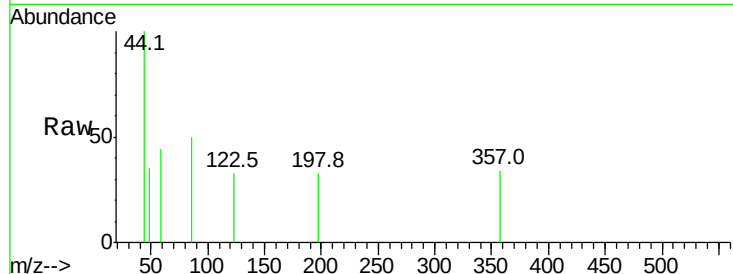




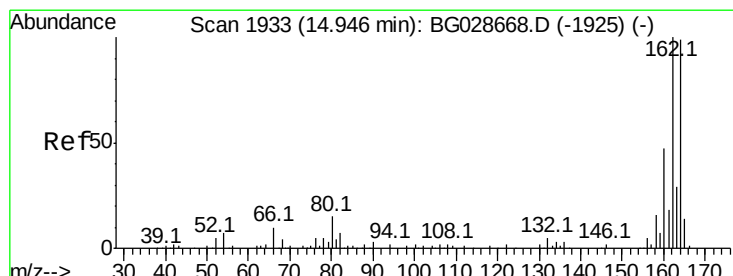
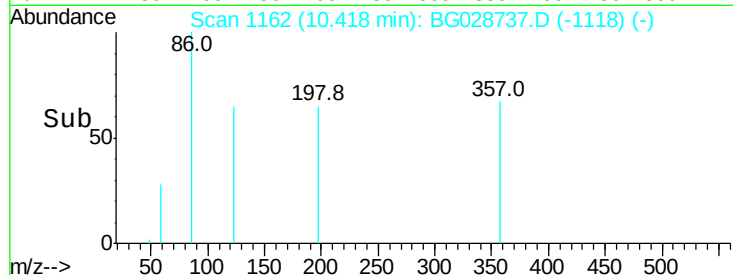
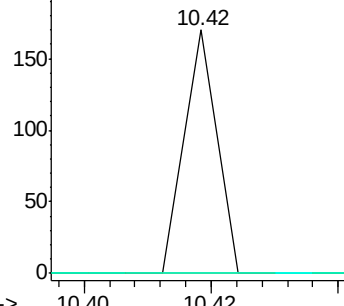
#32
Benzoic acid
Concen: 6.139 ng
RT: 10.42 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

Instrument :
BNA_G
ClientSampleId :
20170607-COMP-D

Tot Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#

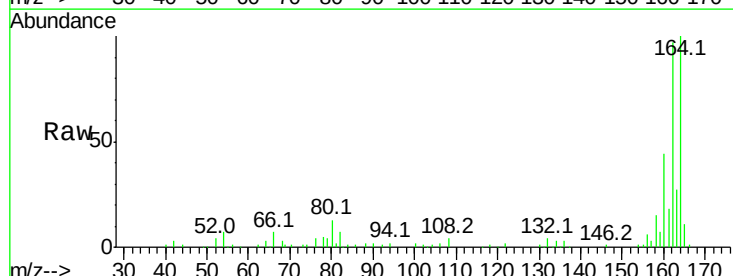


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

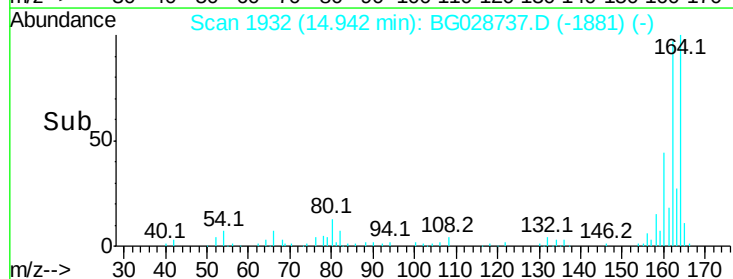
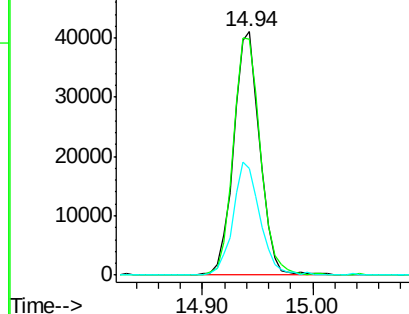


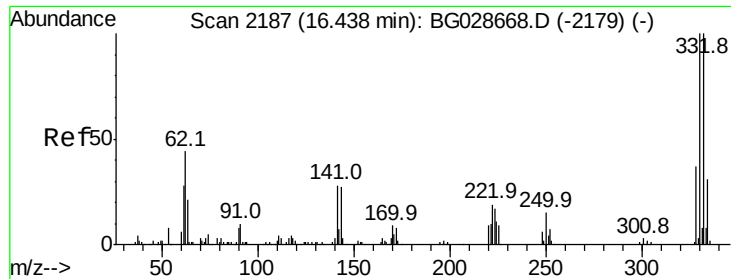
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028737.D
Acq: 14 Sep 2017 18:01

Tgt Ion:164 Resp: 68263
Ion Ratio Lower Upper
164 100
162 96.8 85.1 127.7
160 43.7 34.7 52.1



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

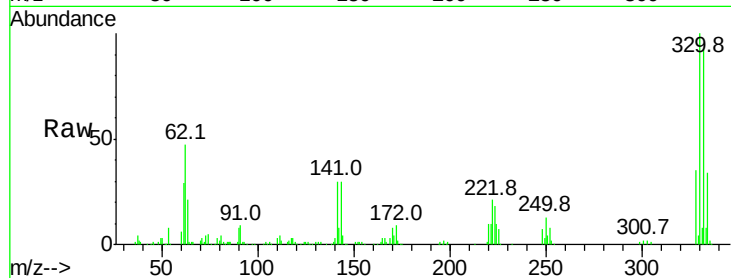




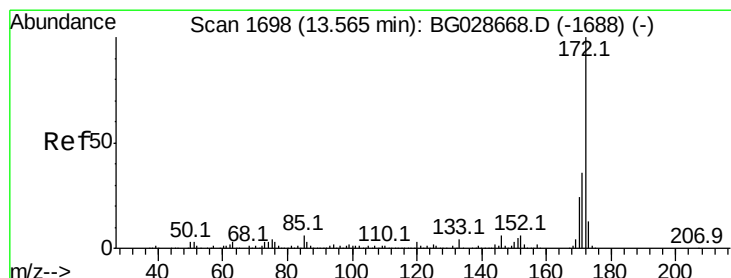
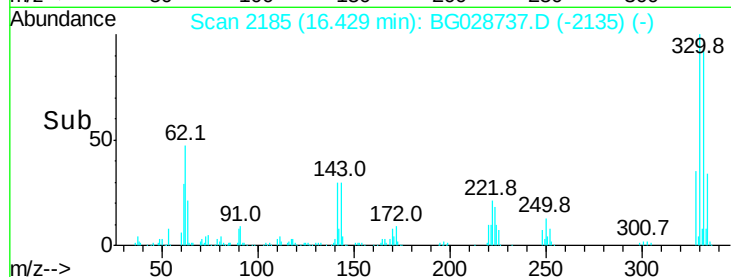
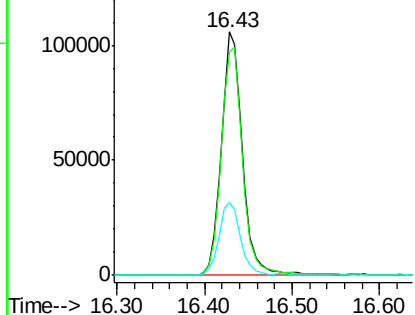
#41
 2,4,6-Tribromophenol
 Concen: 156.261 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028737.D
 Acq: 14 Sep 2017 18:01

Instrument :
 BNA_G
 ClientSampleId :
 20170607-COMP-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	30.4	32.1	48.1#

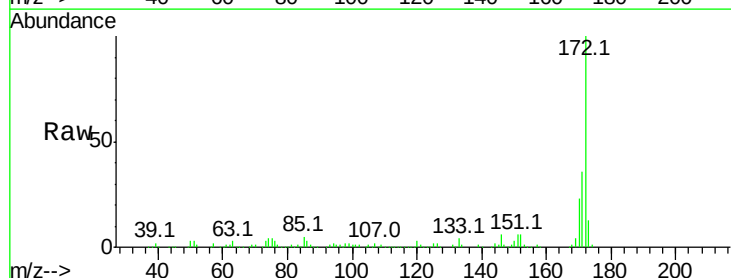


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

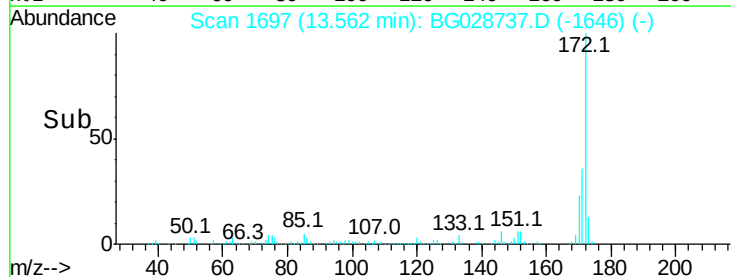
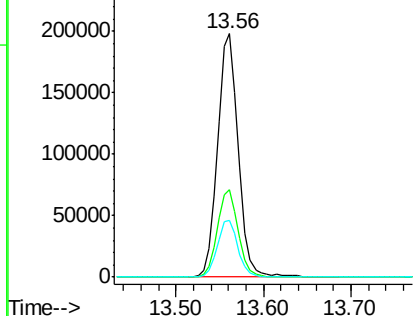


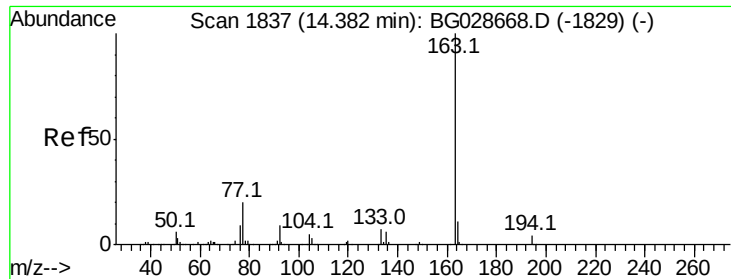
#44
 2-Fluorobiphenyl
 Concen: 63.344 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028737.D
 Acq: 14 Sep 2017 18:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	23.4	21.8	32.6



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: 7.771 ng

RT: 14.38 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

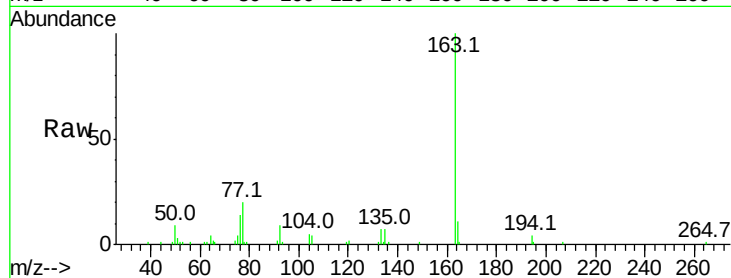
Tot Ion:163 Resp: 44484

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

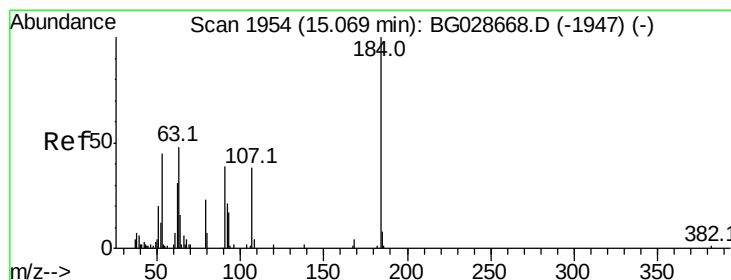
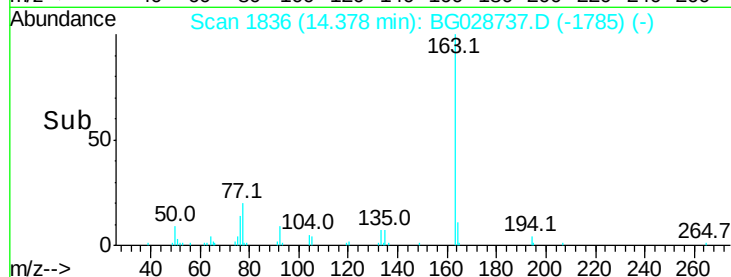
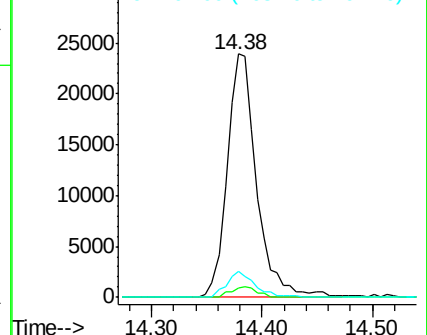
164 10.9 9.3 13.9



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



#53

2,4-Dinitrophenol

Concen: 8.099 ng

RT: 15.03 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

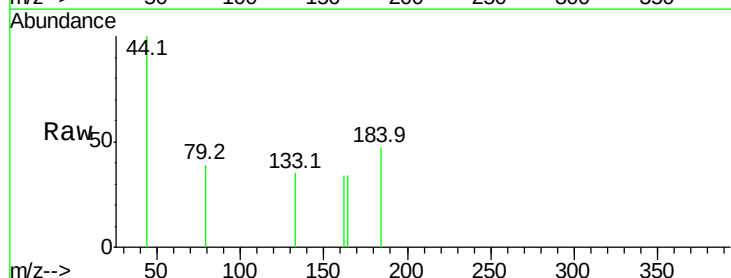
Tgt Ion:184 Resp: 73

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

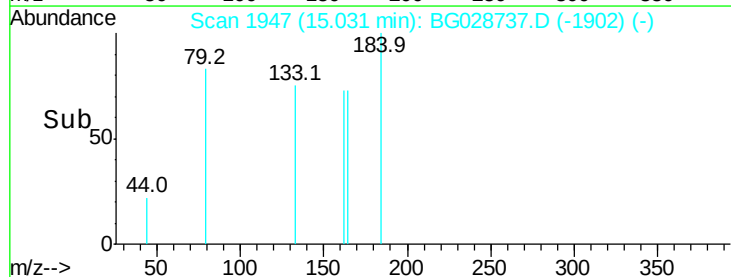
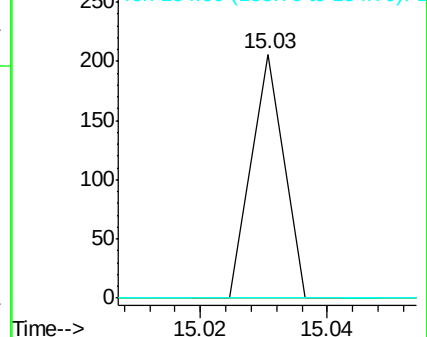
154 0.0 57.3 85.9#

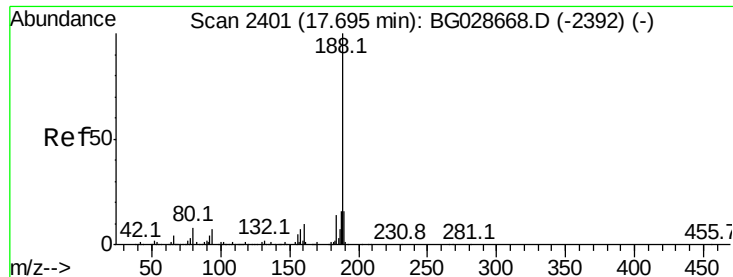


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

Instrument :

BNA_G

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20170607-COMP-D

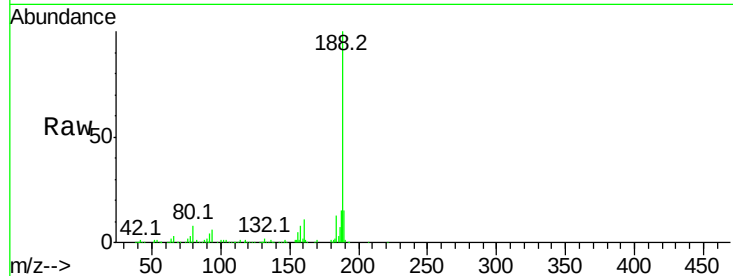
Tot Ion:188 Resp: 238039

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

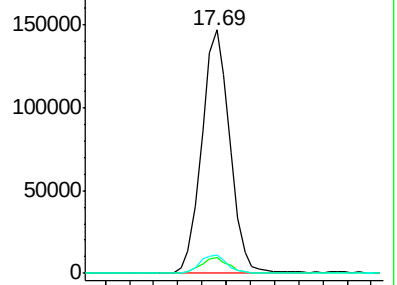
80 7.6 7.5 11.3



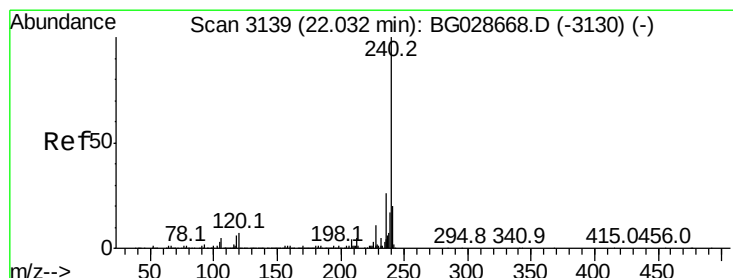
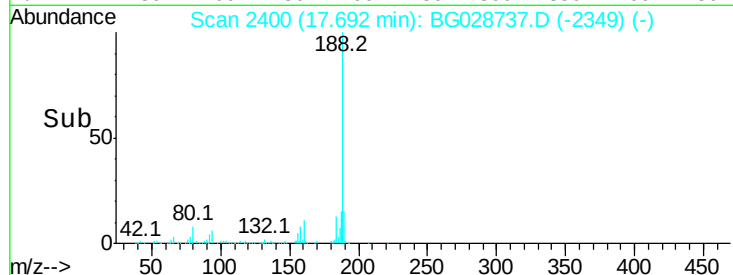
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.60 17.70 17.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

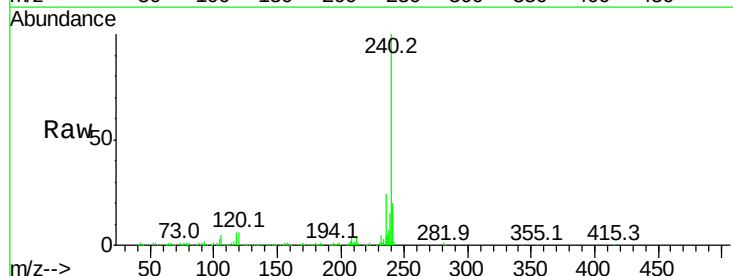
Tgt Ion:240 Resp: 276208

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

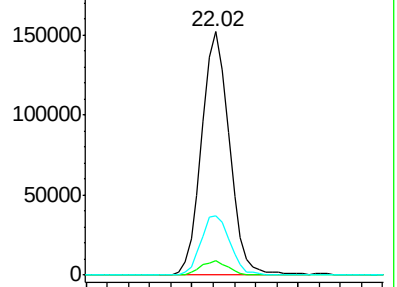
236 24.1 22.2 33.4



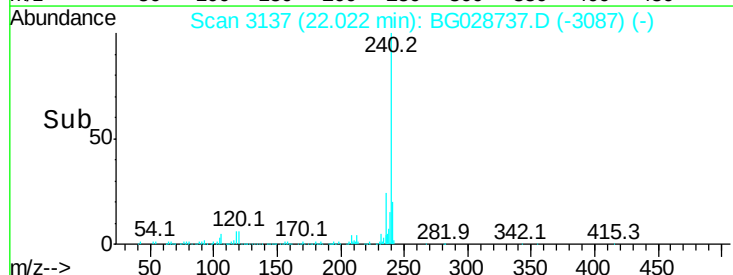
Abundance Ion 240.00 (239.70 to 240.70): E

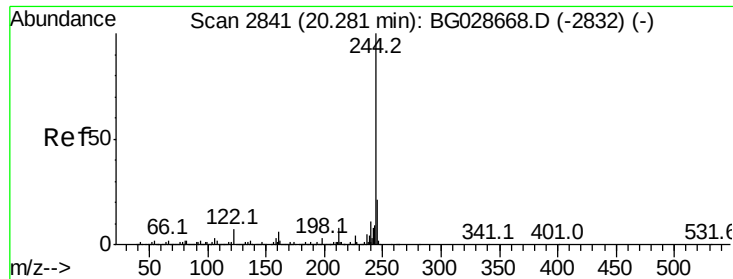
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10





#78

Terphenyl-d14

Concen: 65.120 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

Instrument :

BNA_G

ClientSampleId :

20170607-COMP-D

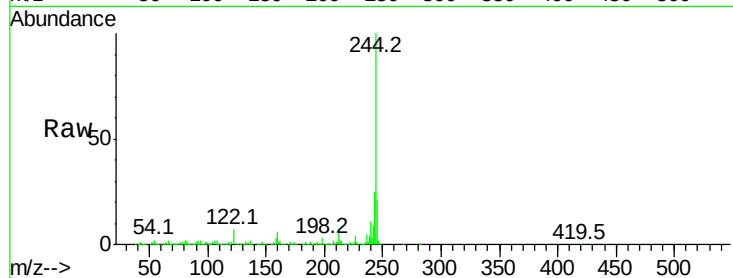
Tot Ion:244 Resp: 843423

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

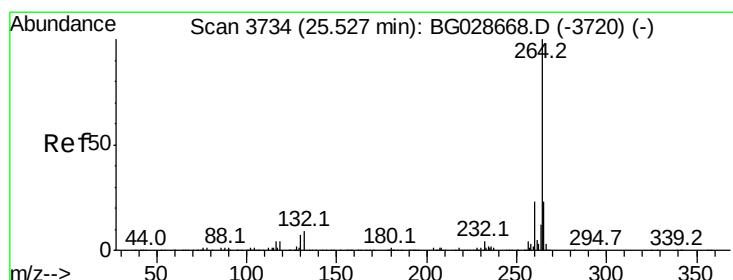
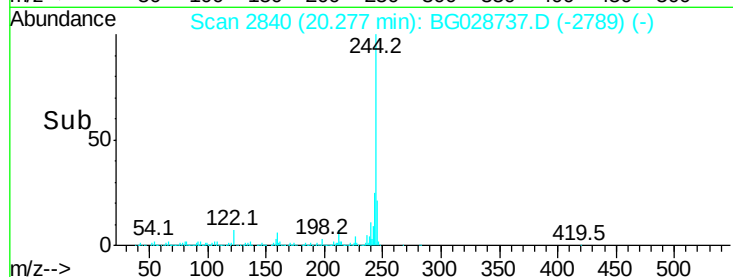
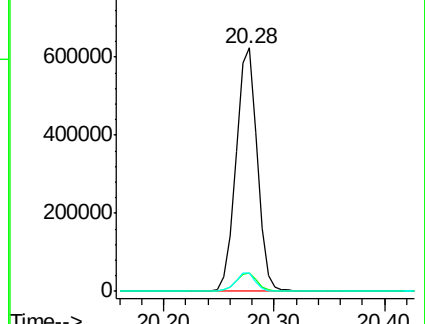
122 7.5 8.6 12.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028737.D

Acq: 14 Sep 2017 18:01

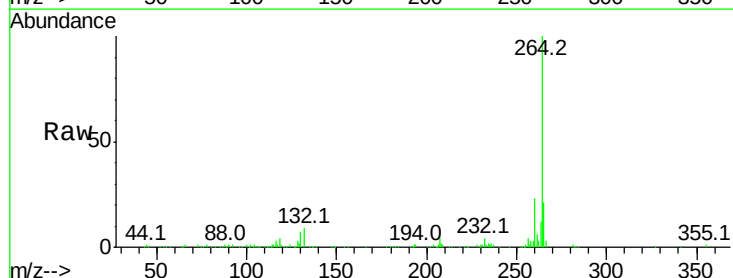
Tgt Ion:264 Resp: 288675

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

265 20.5 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

