

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028934.D
 Acq On : 26 Sep 2017 8:32
 Operator : SJ/JU
 Sample : I5395-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 12:01:27 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

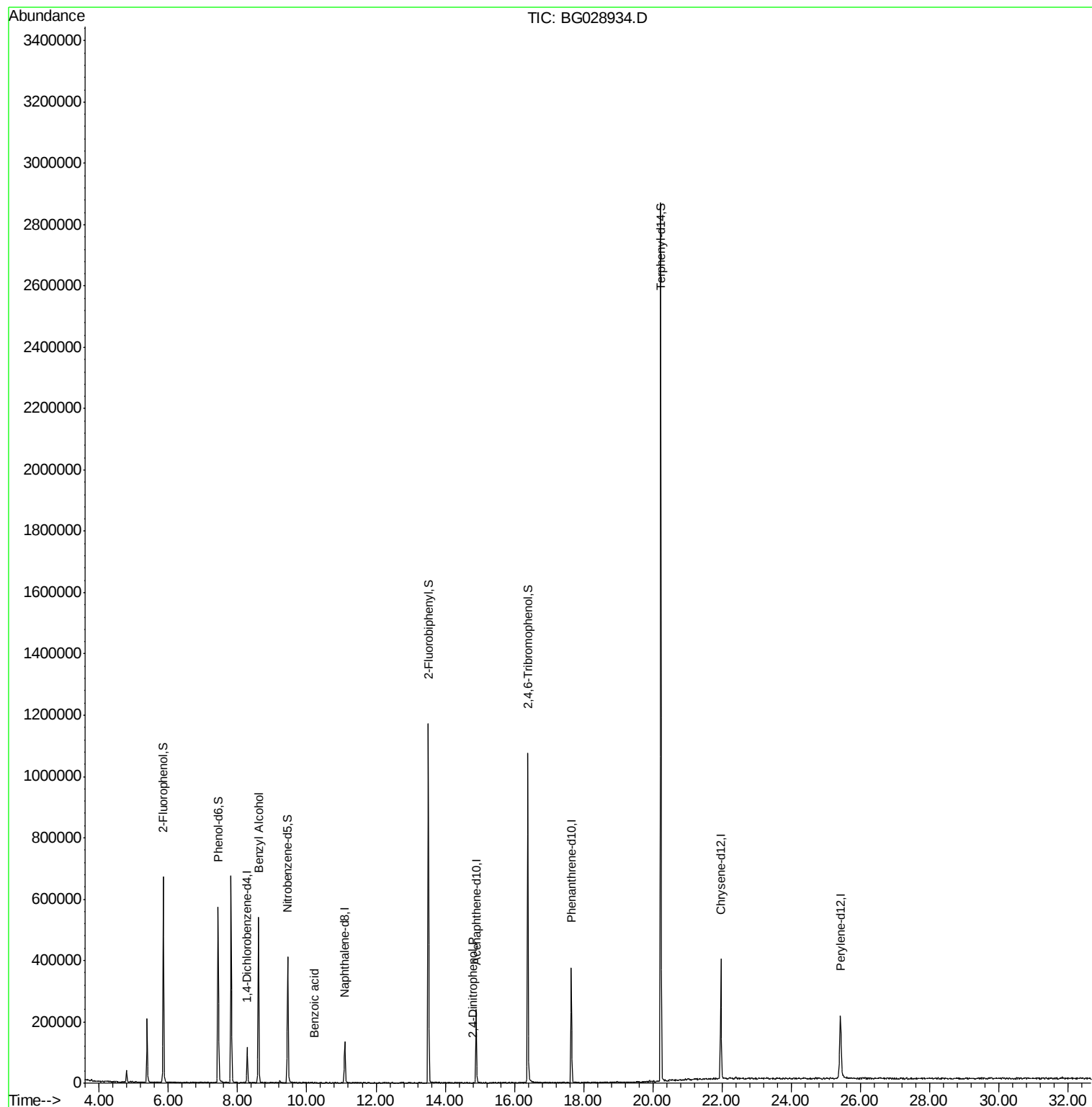
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	33570	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	127583	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	89900	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	249527	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	284892	20.00	ng	-0.07
86) Perylene-d12	25.42	264	283784	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	293979	144.50	ng	-0.05
7) Phenol-d6	7.44	99	356672	116.44	ng	-0.05
23) Nitrobenzene-d5	9.45	82	265880	99.69	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	237160	159.50	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	673662	99.92	ng	-0.05
78) Terphenyl-d14	20.23	244	1357748	101.63	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.61	79	4887	2.044	ng	# 72
32) Benzoic acid	10.20	122	69	6.123	ng	# 1
53) 2,4-Dinitrophenol	14.78	184	64	8.067	ng	# 15

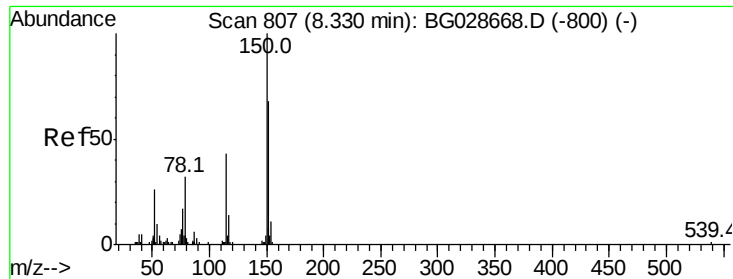
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.05 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

Instrument :

BNA_G

ClientSampleId :

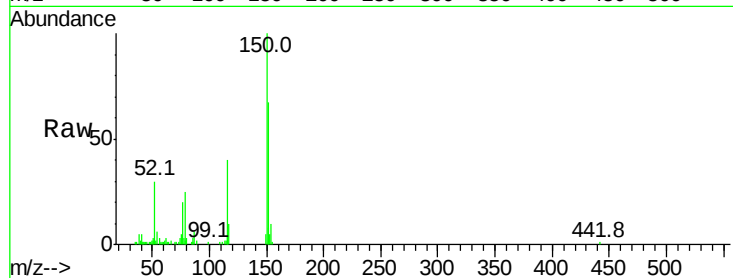
Tot Ion:152 Resp: 33570

Ion Ratio Lower Upper

152 100

150 148.7 114.0 171.0

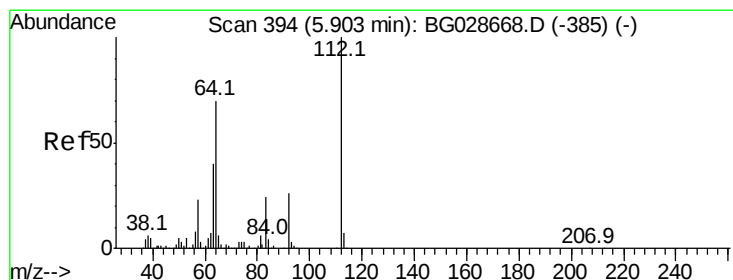
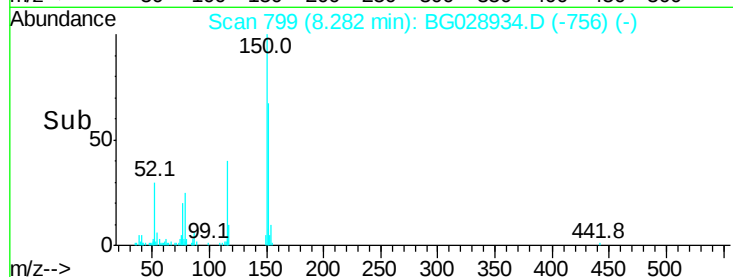
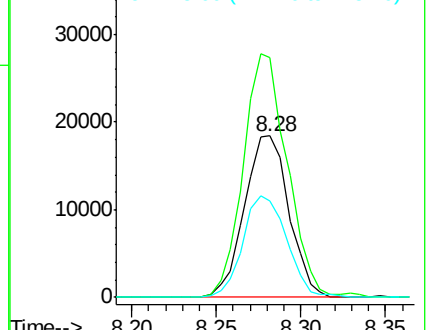
115 59.7 48.1 72.1



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: 144.498 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

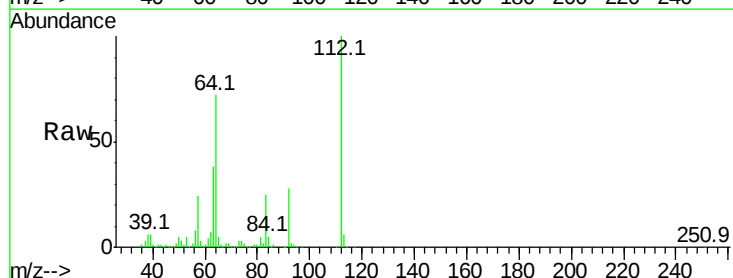
Tgt Ion:112 Resp: 293979

Ion Ratio Lower Upper

112 100

64 71.8 61.8 92.6

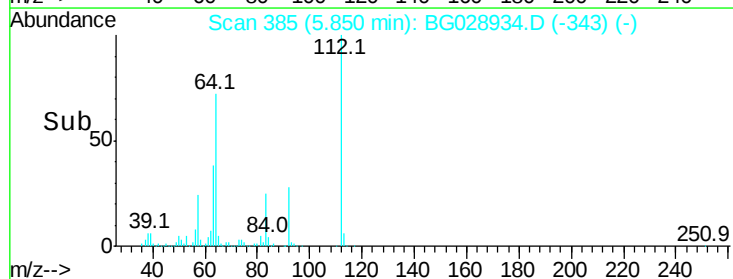
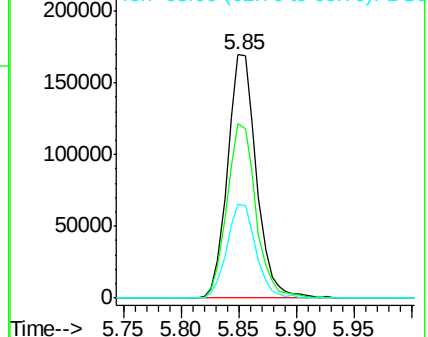
63 38.4 37.2 55.8

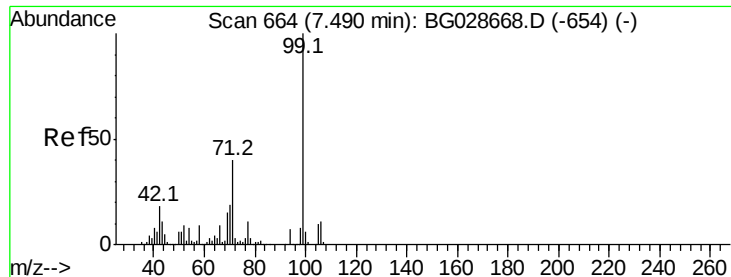


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.439 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

Instrument :

BNA_G

ClientSampled :

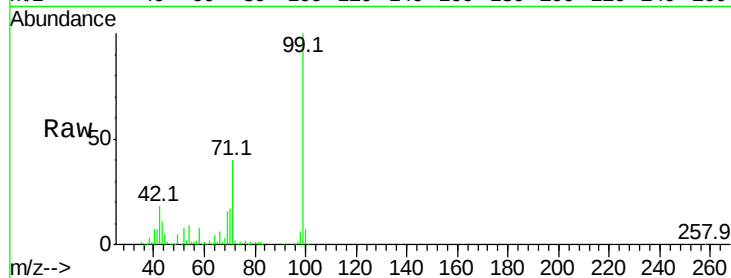
Tot Ion: 99 Resp: 356672

Ion Ratio Lower Upper

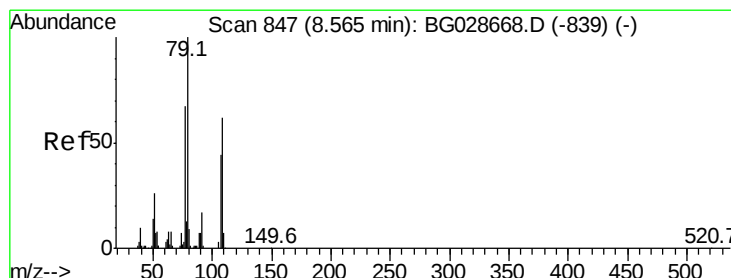
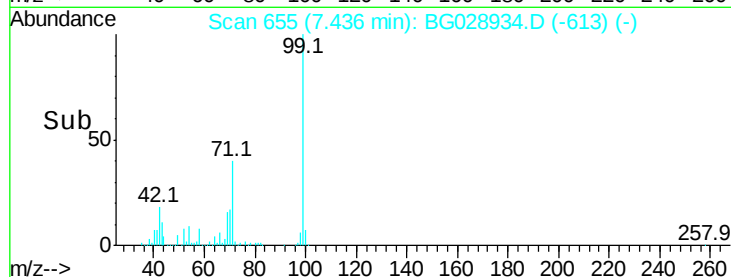
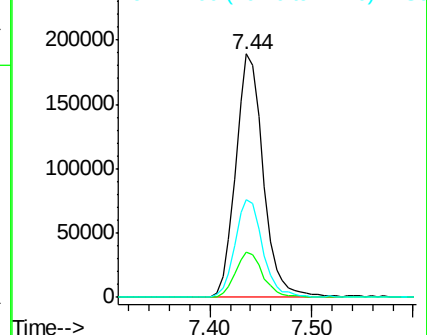
99 100

42 18.3 20.5 30.7#

71 40.0 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



#15

Benzyl Alcohol

Concen: 2.044 ng

RT: 8.61 min Scan# 855

Delta R.T. 0.05 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

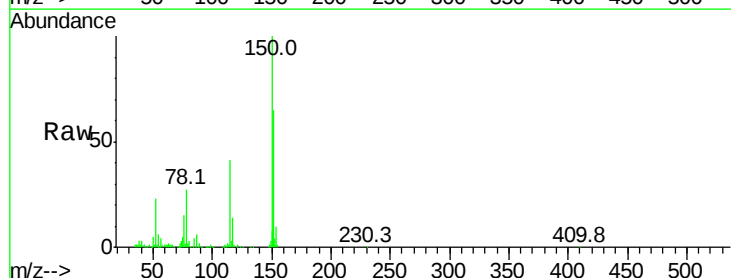
Tgt Ion: 79 Resp: 4887

Ion Ratio Lower Upper

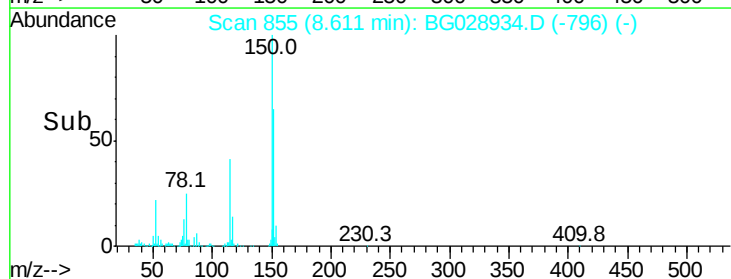
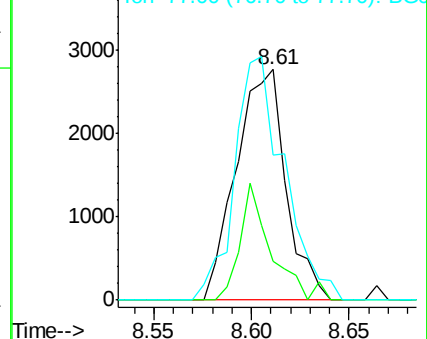
79 100

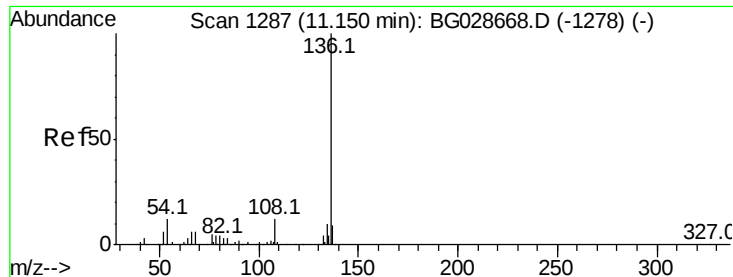
108 17.1 45.5 68.3#

77 63.0 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

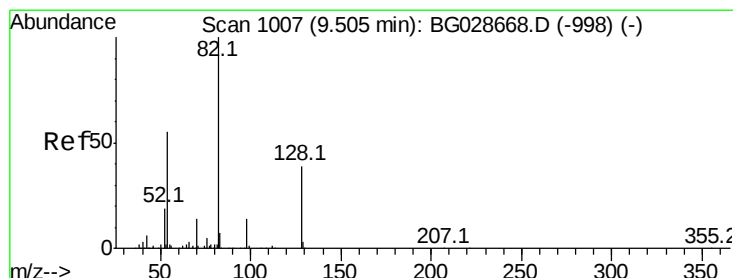
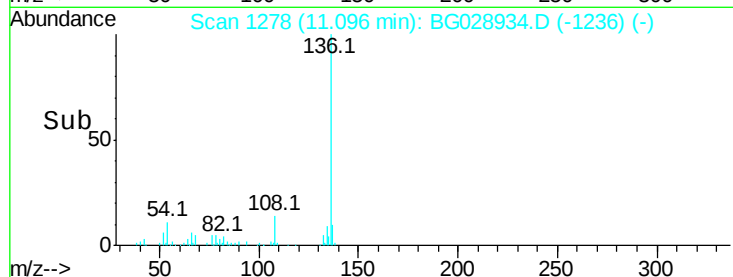
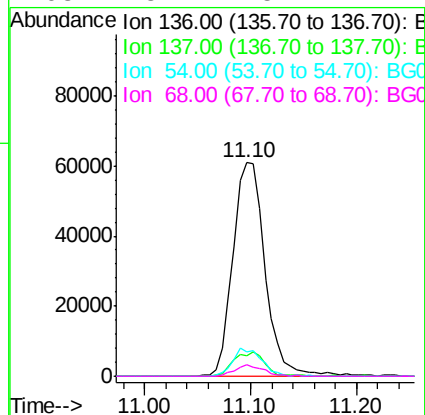
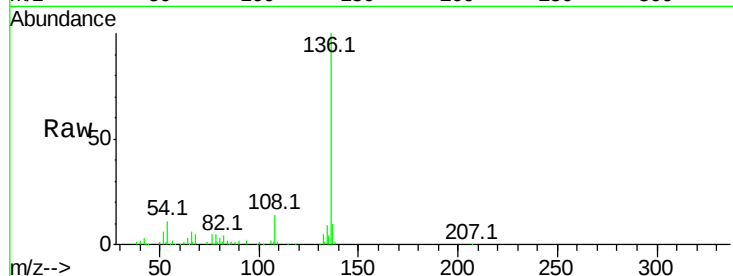




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028934.D
Acq: 26 Sep 2017 8:32

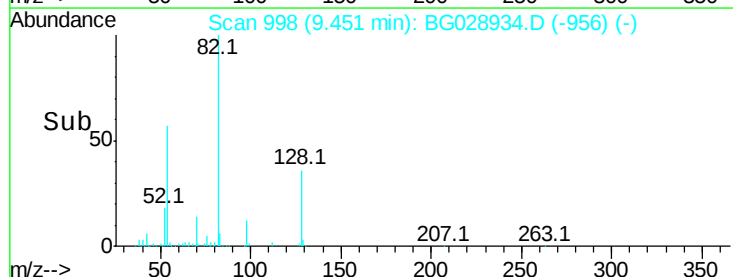
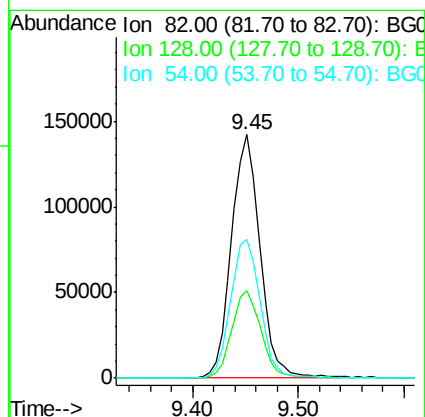
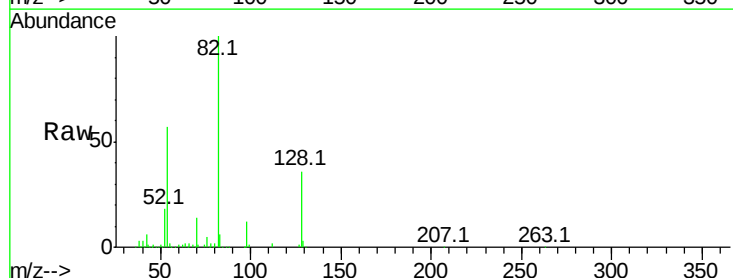
Instrument :
BNA_G
ClientSampleId :

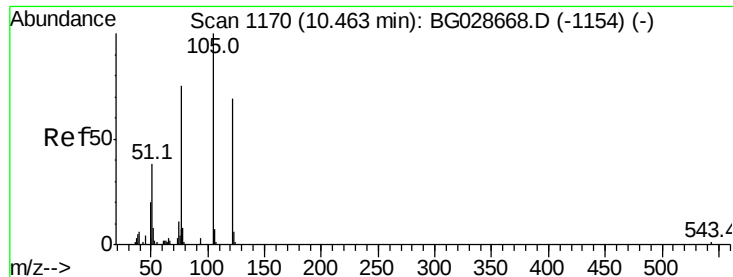
Tot Ion:	136	Resp:	127583
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	11.2	9.3	13.9
68	5.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 99.692 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028934.D
Acq: 26 Sep 2017 8:32

Tgt Ion:	82	Resp:	265880
Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.4	39.6
54	57.2	49.4	74.2





#32

Benzoic acid

Concen: 6.123 ng

RT: 10.20 min Scan# 1126

Delta R.T. -0.26 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

Instrument :

BNA_G

ClientSampled :

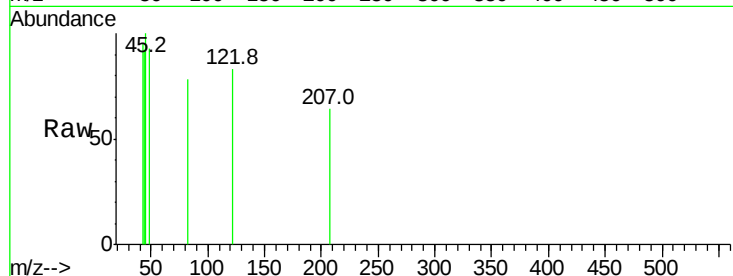
Tot Ion:122 Resp: 69

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

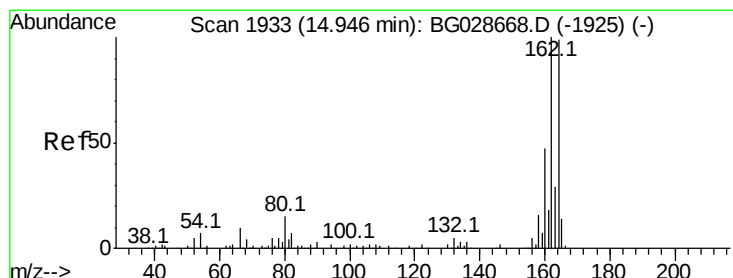
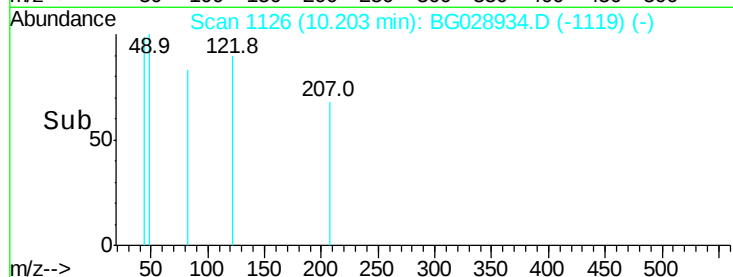
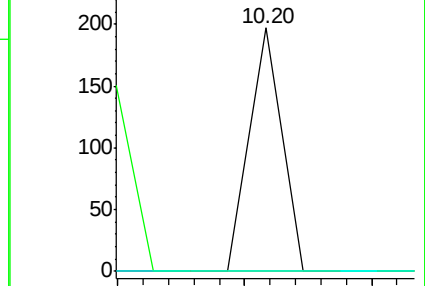
77 0.0 104.6 144.6#



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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

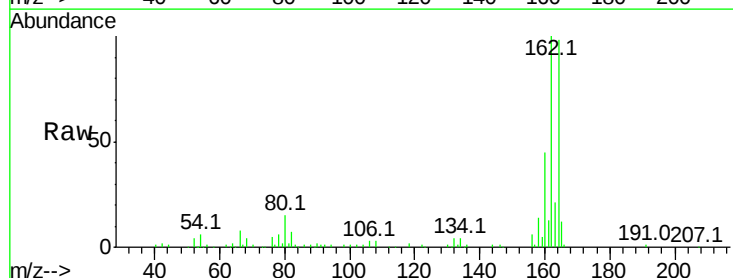
Tgt Ion:164 Resp: 89900

Ion Ratio Lower Upper

164 100

162 102.2 85.1 127.7

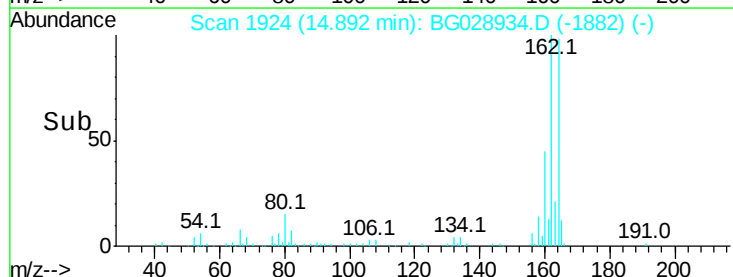
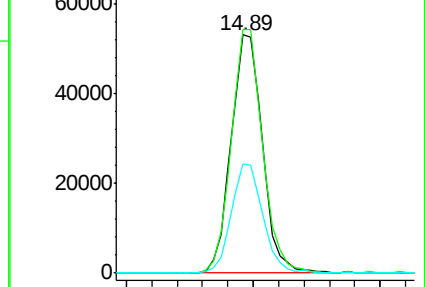
160 46.1 34.7 52.1

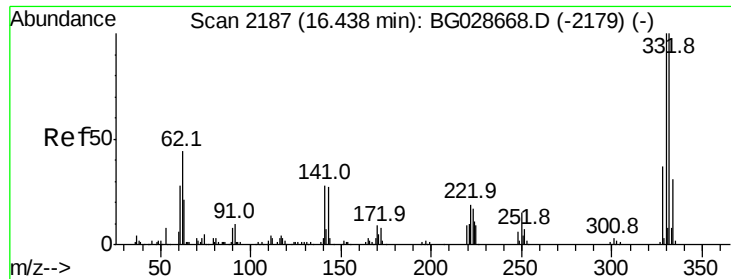


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

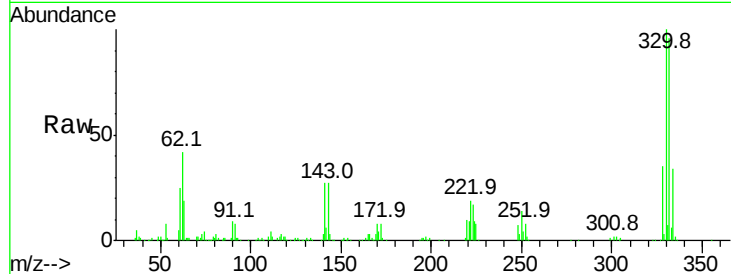




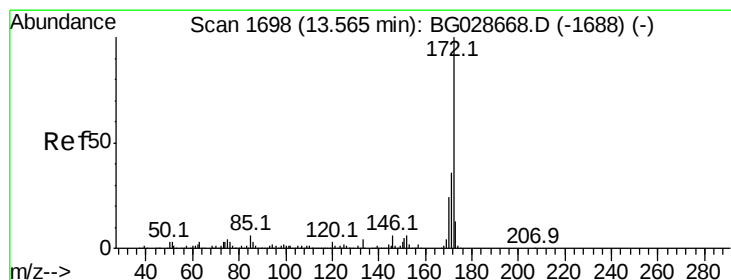
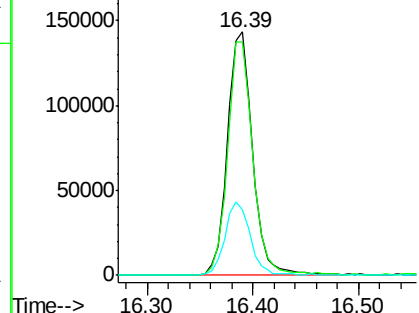
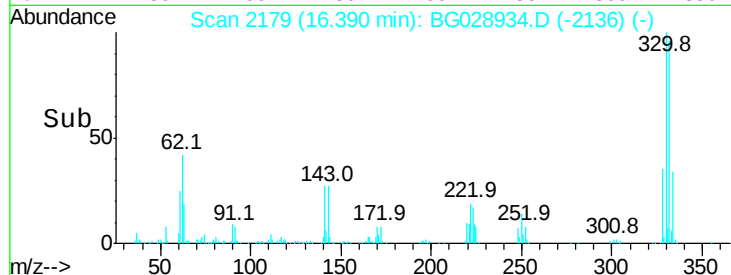
#41
 2,4,6-Tribromophenol
 Concen: 159.501 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028934.D
 Acq: 26 Sep 2017 8:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	30.4	32.1	48.1#

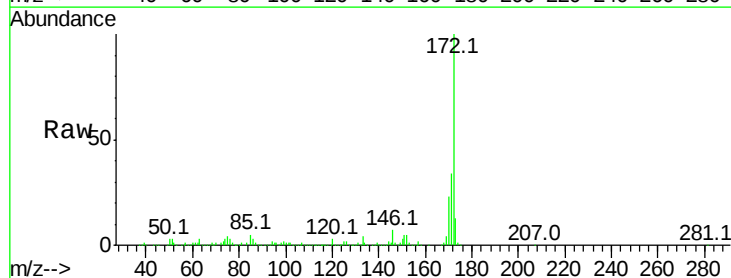


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

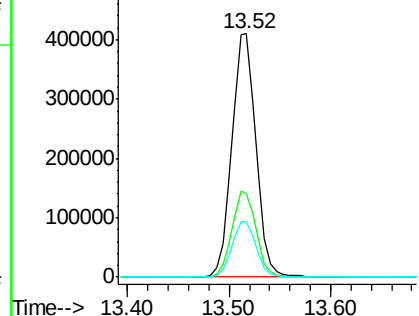
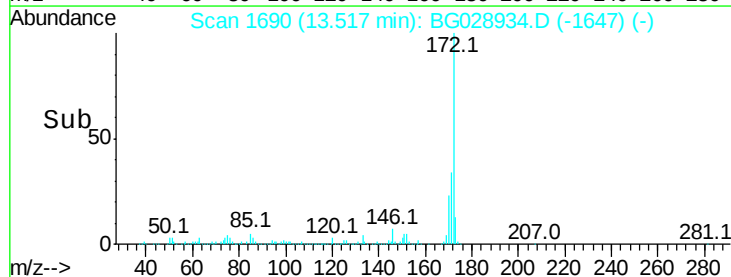


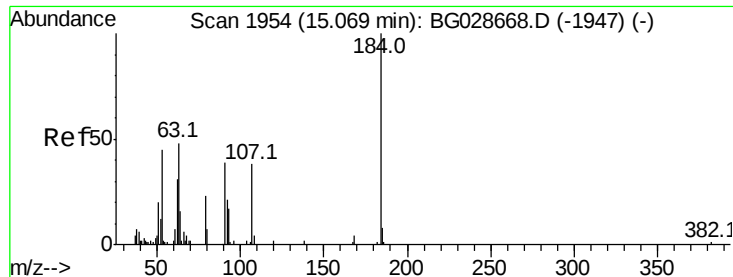
#44
 2-Fluorobiphenyl
 Concen: 99.919 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028934.D
 Acq: 26 Sep 2017 8:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	32.2	48.2
170	22.5	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





#53

2,4-Dinitrophenol

Concen: 8.067 ng

RT: 14.78 min Scan# 1905

Delta R.T. -0.29 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

Instrument :

BNA_G

ClientSampleId :

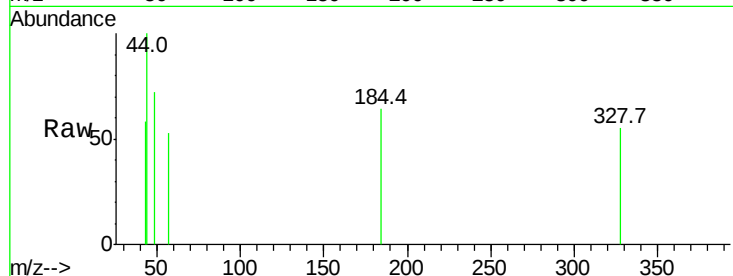
Tot Ion:184 Resp: 64

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

154 0.0 57.3 85.9#

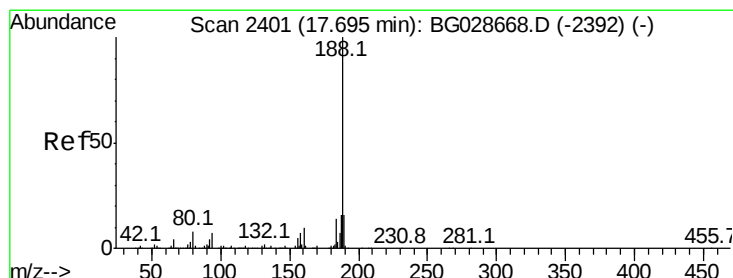
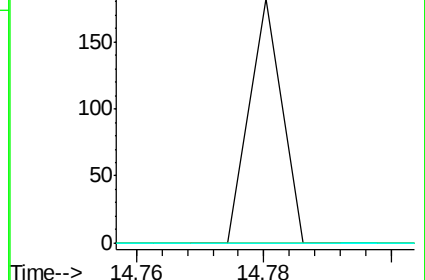
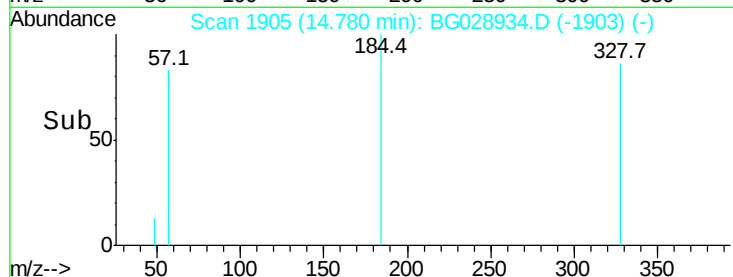


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

14.78



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

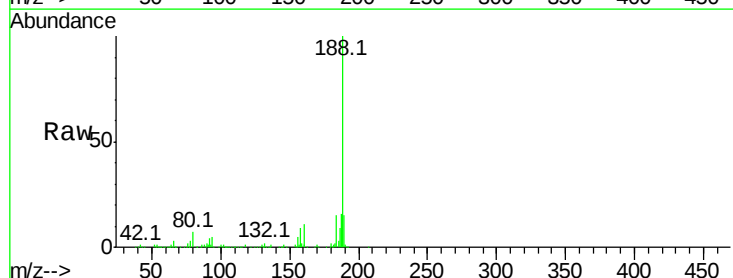
Tgt Ion:188 Resp: 249527

Ion Ratio Lower Upper

188 100

94 5.2 5.8 8.8#

80 6.9 7.5 11.3#

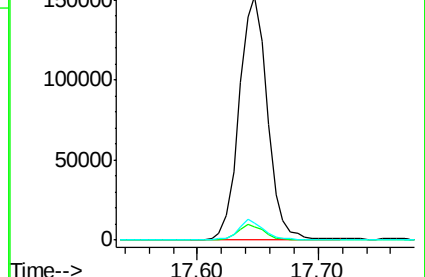
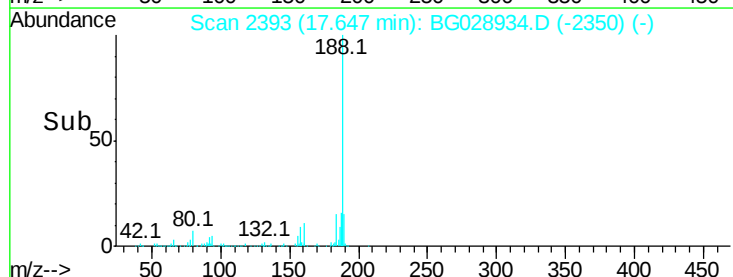


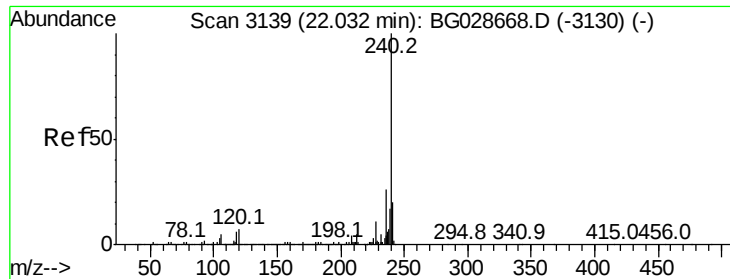
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

17.65





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

Instrument :

BNA_G

ClientSampleId :

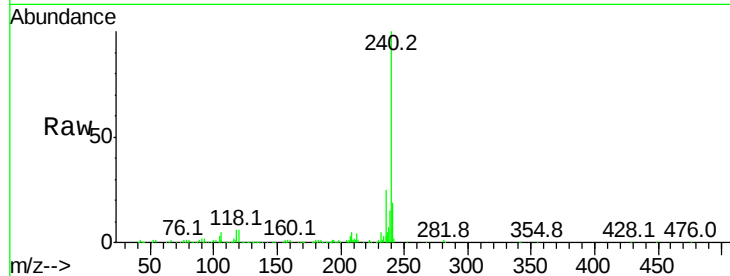
Tot Ion:240 Resp: 284892

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

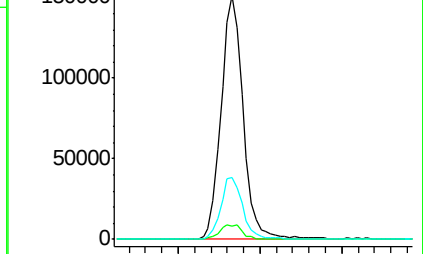
236 25.2 22.2 33.4



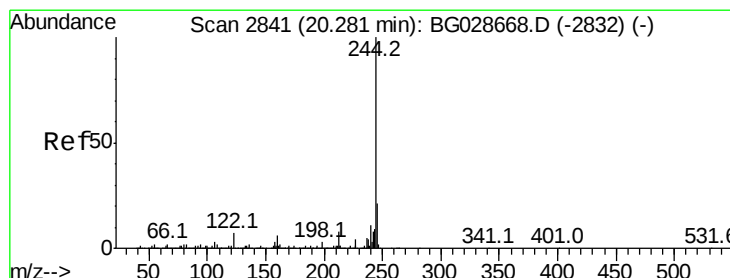
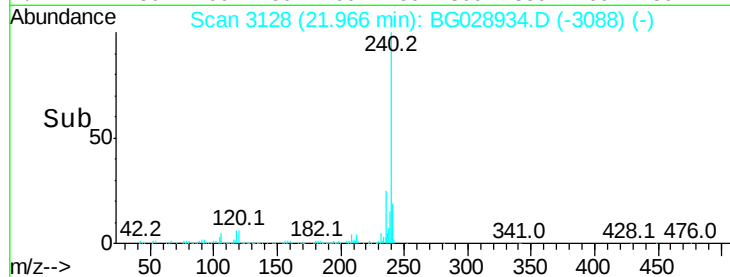
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 101.635 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028934.D

Acq: 26 Sep 2017 8:32

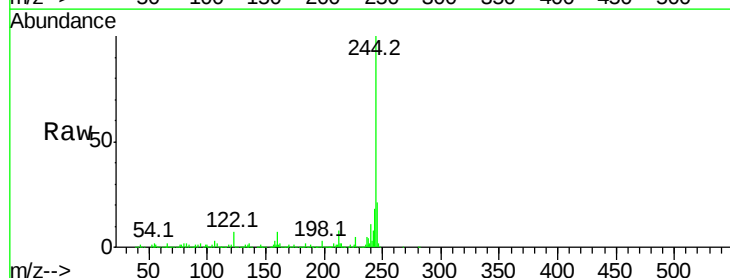
Tgt Ion:244 Resp: 1357748

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

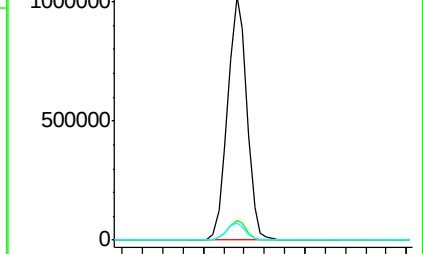
122 6.9 8.6 12.8#



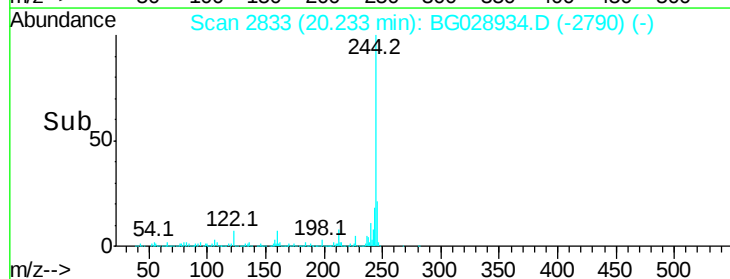
Abundance Ion 244.00 (243.70 to 244.70): E

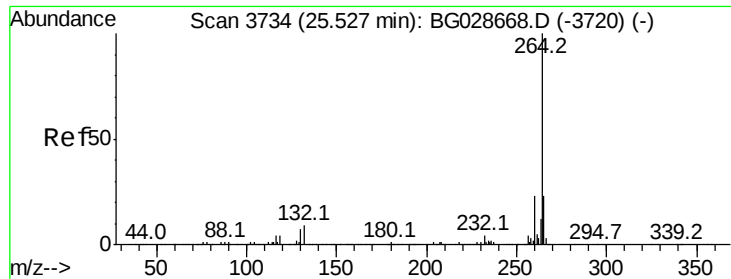
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.42 min Scan# 3716
Delta R.T. -0.11 min
Lab File: BG028934.D
Acq: 26 Sep 2017 8:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	20.7	18.2	27.4

