

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028883.D
 Acq On : 22 Sep 2017 20:40
 Operator : SJ/JU
 Sample : I5301-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 23:38:58 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

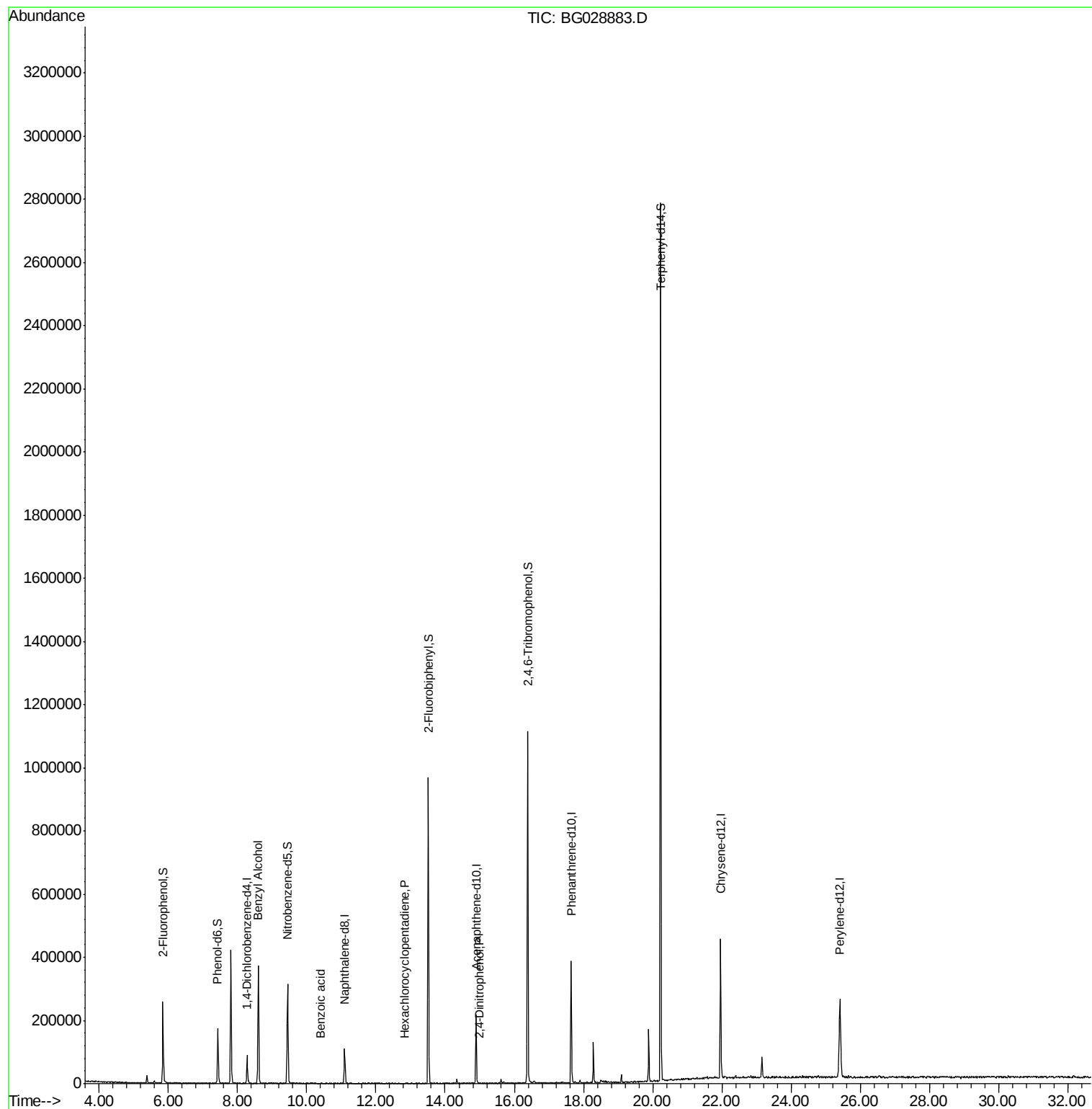
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23814	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	96988	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	77551	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	252864	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	300374	20.00	ng	-0.07
86) Perylene-d12	25.41	264	309190	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	110471	76.54	ng	-0.06
7) Phenol-d6	7.43	99	107250	49.36	ng	-0.06
23) Nitrobenzene-d5	9.45	82	203132	100.19	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	235254	183.41	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	538931	92.66	ng	-0.05
78) Terphenyl-d14	20.23	244	1346086	95.57	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.60	79	3683	2.17	ng	# 70
32) Benzoic acid	10.41	122	54	6.12	ng	# 1
40) Hexachlorocyclopentadiene	12.83	237	61	7.65	ng	# 29
53) 2,4-Dinitrophenol	14.99	184	74	8.09	ng	# 15

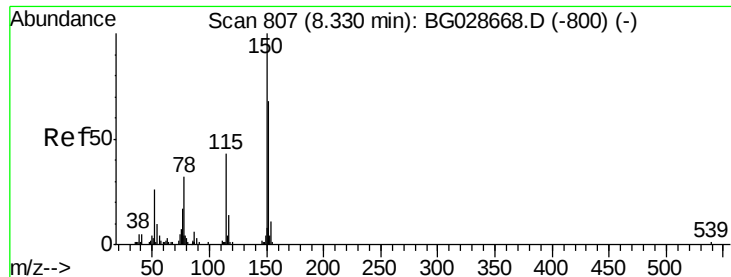
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampleId :

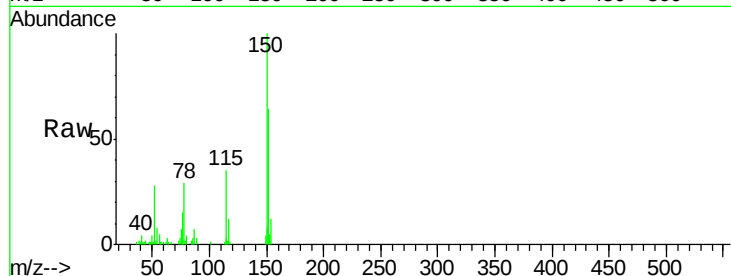
Tot Ion:152 Resp: 23814

Ion Ratio Lower Upper

152 100

150 157.3 114.0 171.0

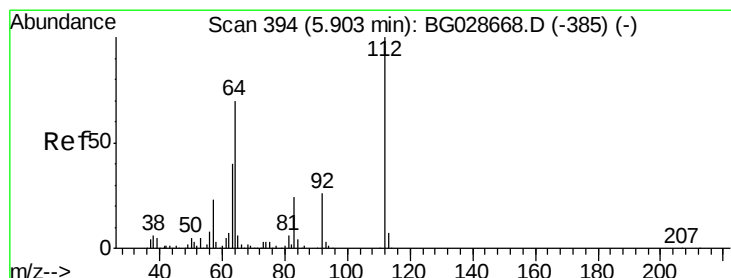
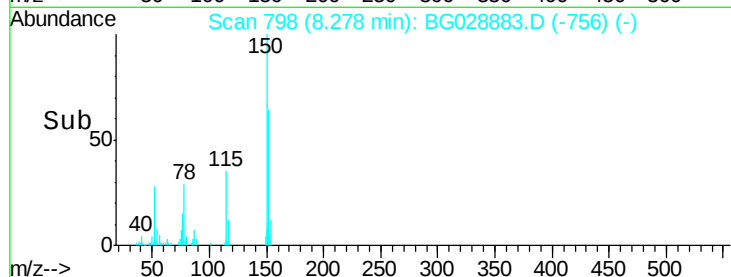
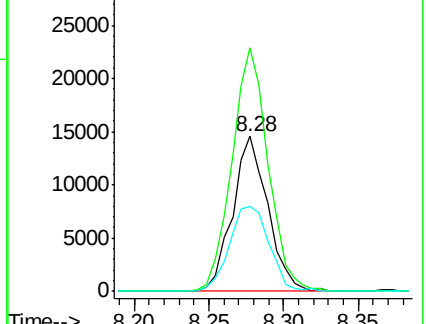
115 55.2 48.1 72.1



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: 76.54 ng

RT: 5.85 min Scan# 384

Delta R.T. -0.06 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

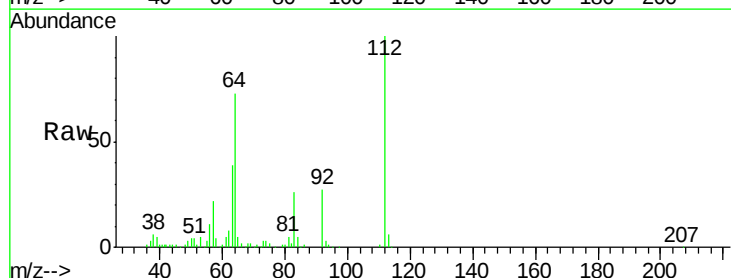
Tgt Ion:112 Resp: 110471

Ion Ratio Lower Upper

112 100

64 73.0 61.8 92.6

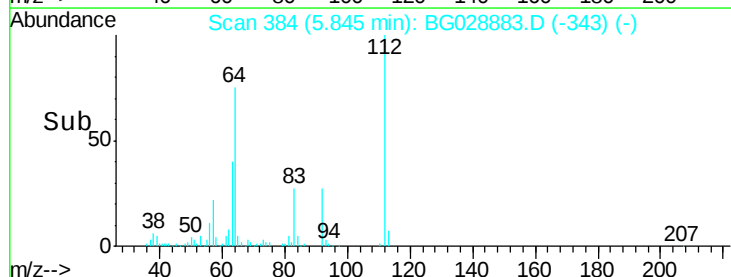
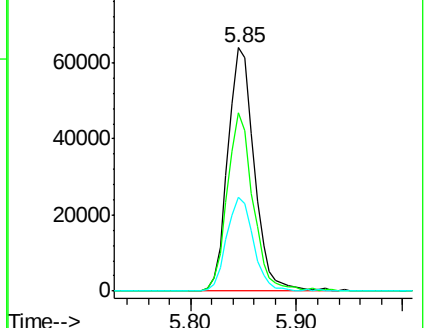
63 38.7 37.2 55.8

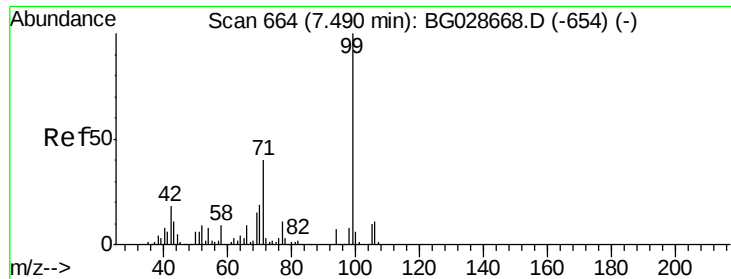


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.36 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampleId :

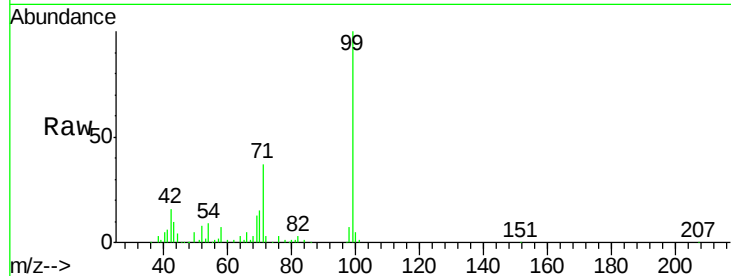
Tot Ion: 99 Resp: 107250

Ion Ratio Lower Upper

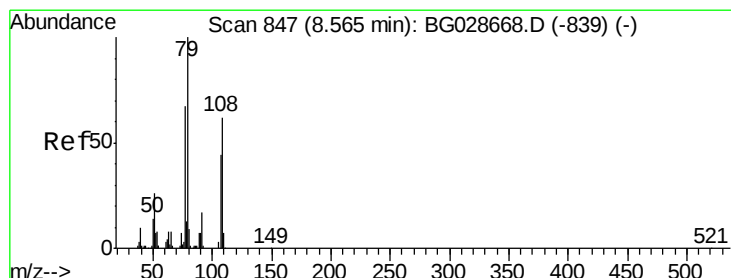
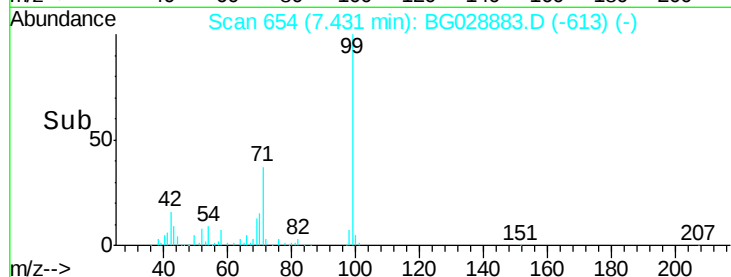
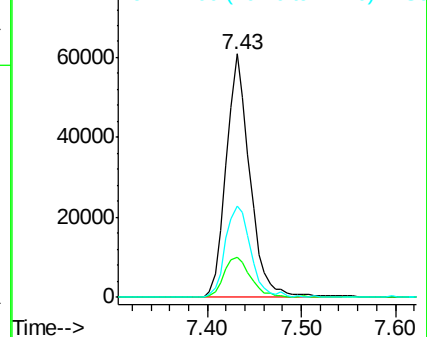
99 100

42 16.3 20.5 30.7#

71 37.4 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: 2.17 ng

RT: 8.60 min Scan# 853

Delta R.T. 0.04 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

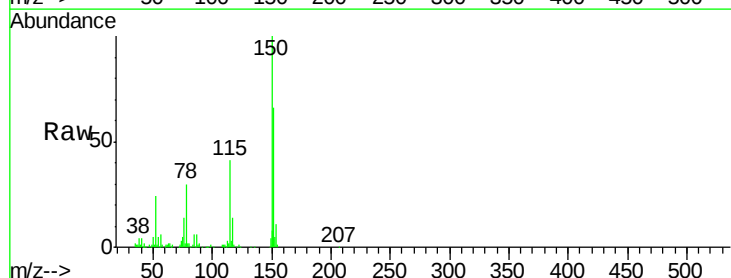
Tgt Ion: 79 Resp: 3683

Ion Ratio Lower Upper

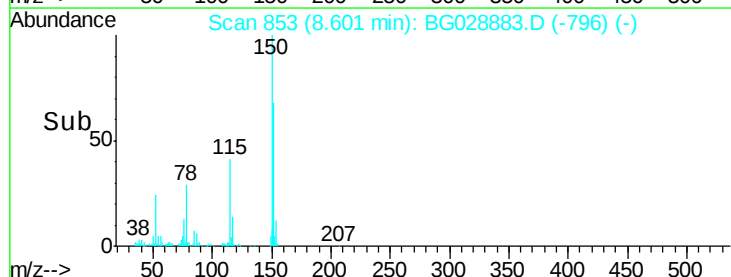
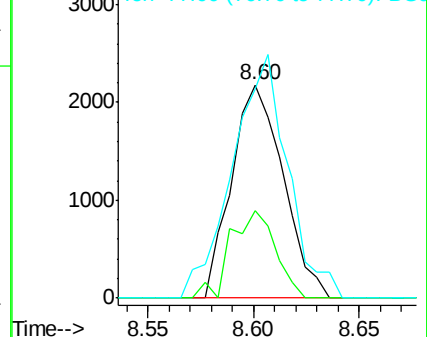
79 100

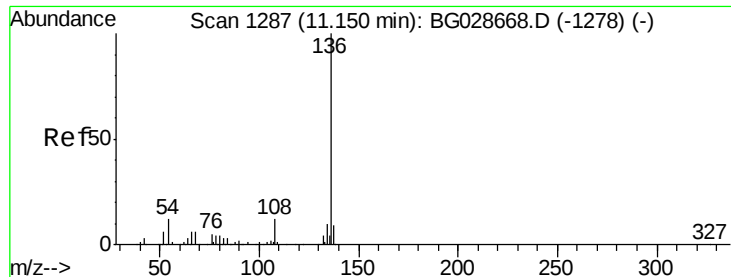
108 41.0 45.5 68.3#

77 98.2 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

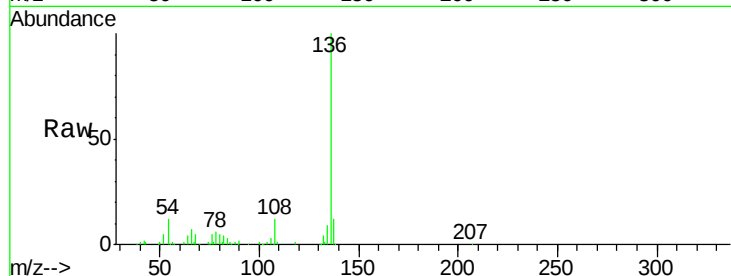




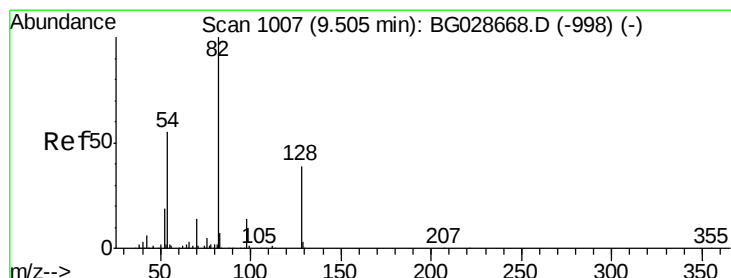
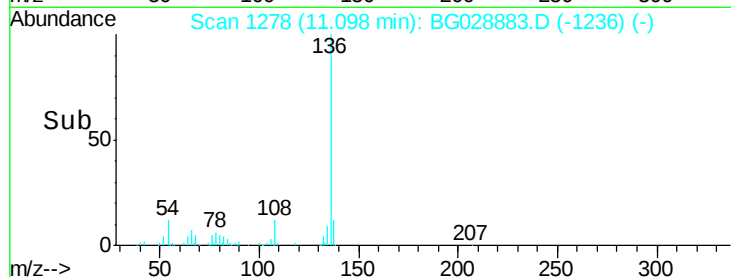
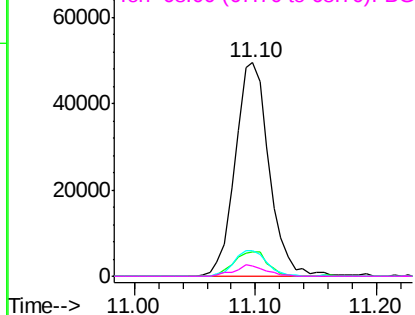
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	96988
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	11.7	9.3 13.9
68	4.5	5.1 7.7#

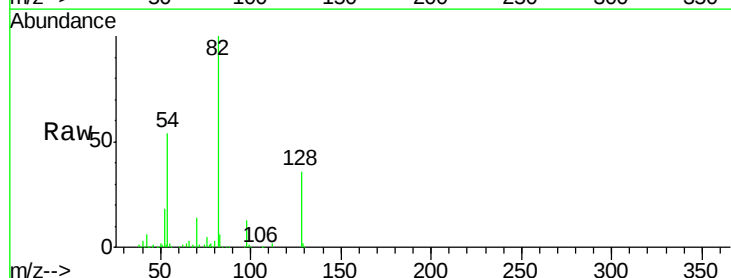


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

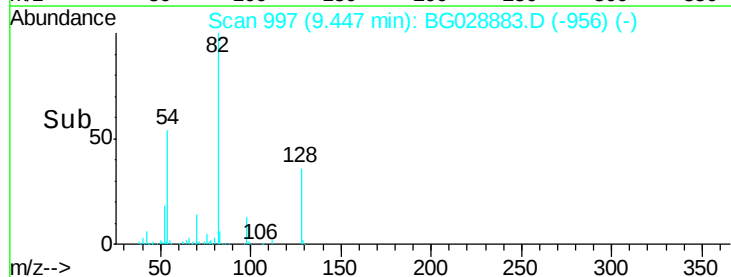
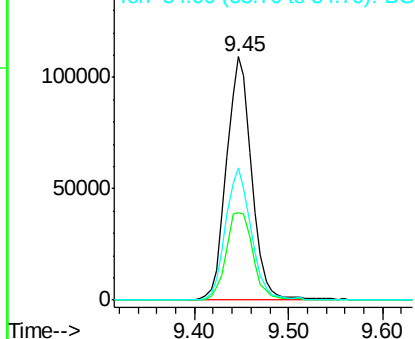


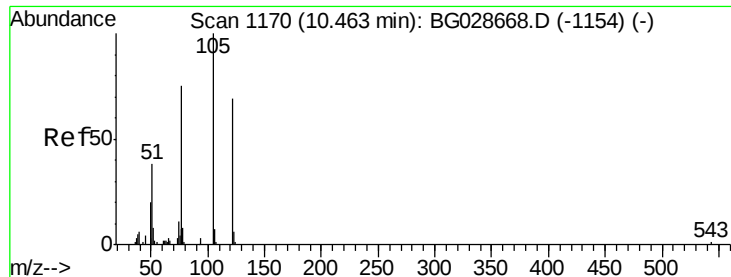
#23
Nitrobenzene-d5
Concen: 100.19 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Tgt Ion: 82	Resp:	203132
Ion Ratio	Lower	Upper
82	100	
128	35.8	26.4 39.6
54	54.3	49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 6.12 ng

RT: 10.41 min Scan# 1161

Delta R.T. -0.05 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampleId :

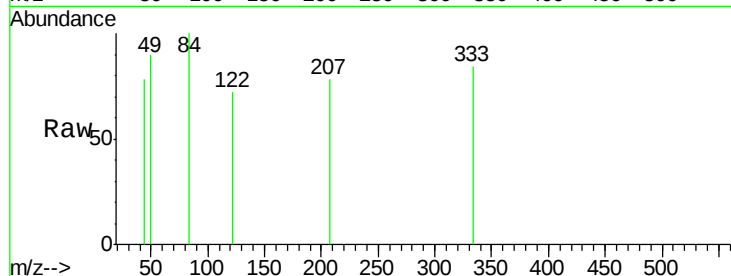
Tot Ion:122 Resp: 54

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

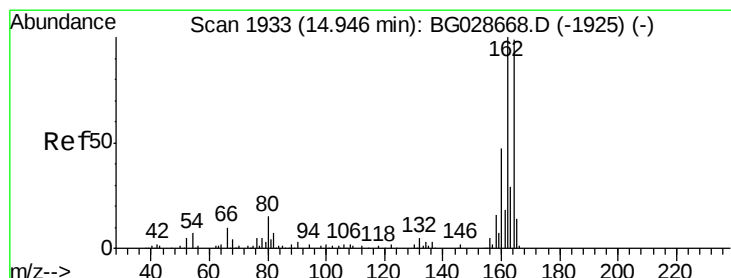
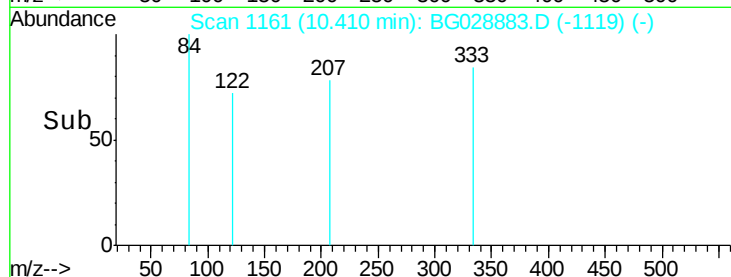
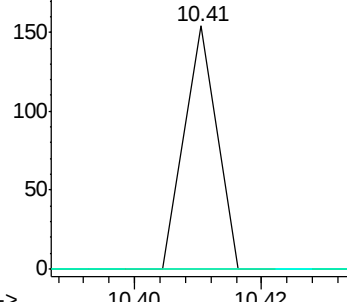
77 0.0 104.6 144.6#



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: 20.00 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

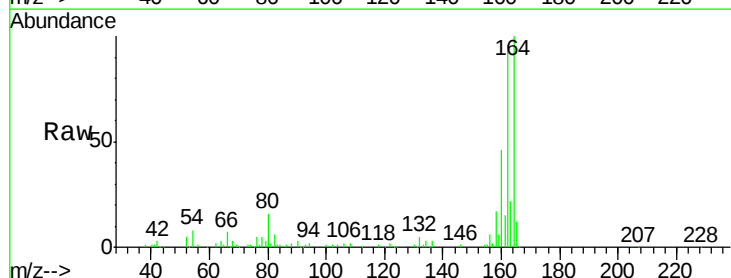
Tgt Ion:164 Resp: 77551

Ion Ratio Lower Upper

164 100

162 95.8 85.1 127.7

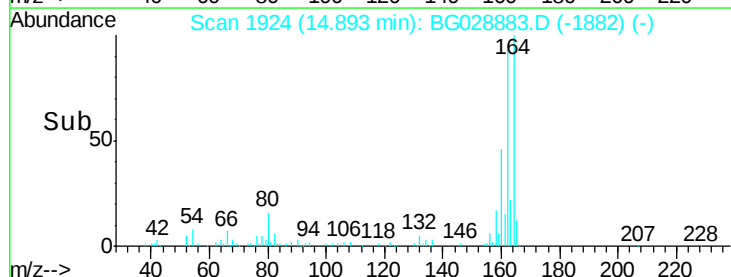
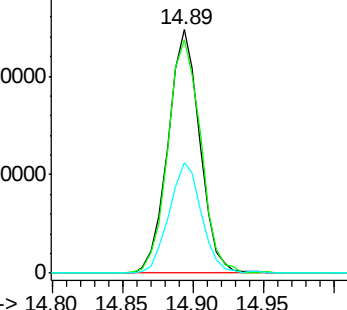
160 45.6 34.7 52.1

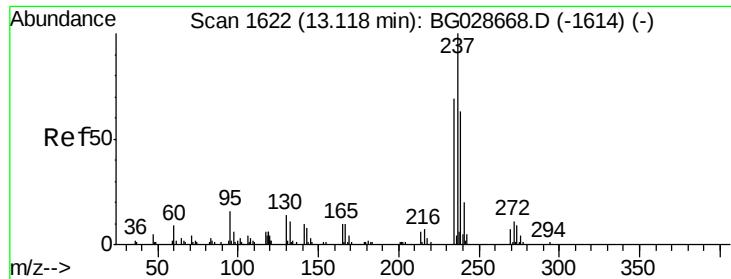


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 7.65 ng

RT: 12.83 min Scan# 1572

Delta R.T. -0.29 min

Lab File: BG028883.D

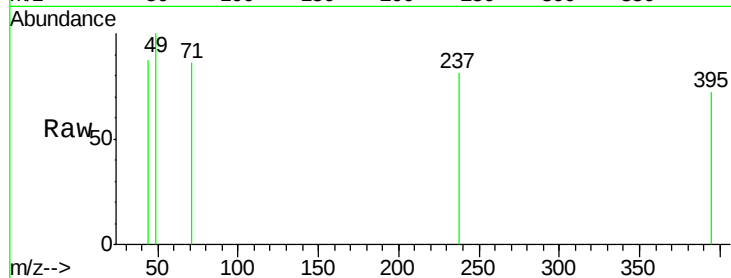
Acq: 22 Sep 2017 20:40

Instrument :

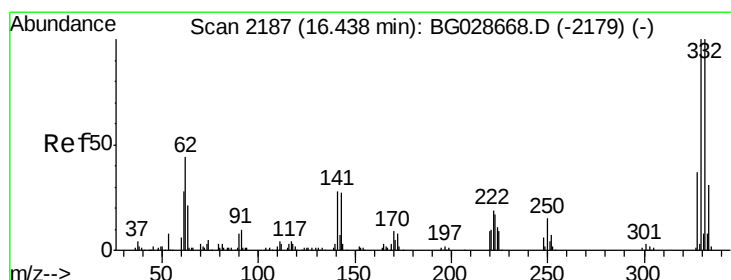
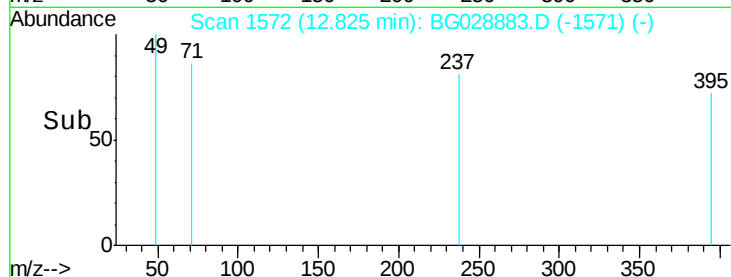
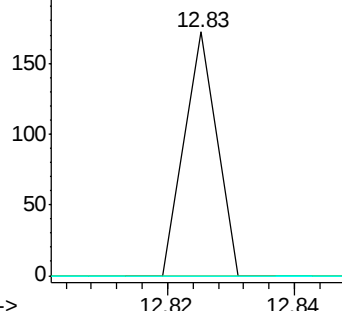
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	61
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 183.41 ng

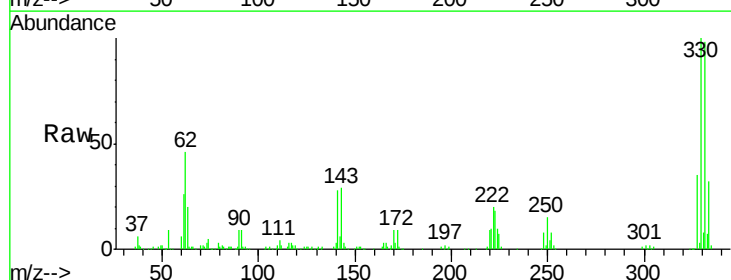
RT: 16.39 min Scan# 2178

Delta R.T. -0.05 min

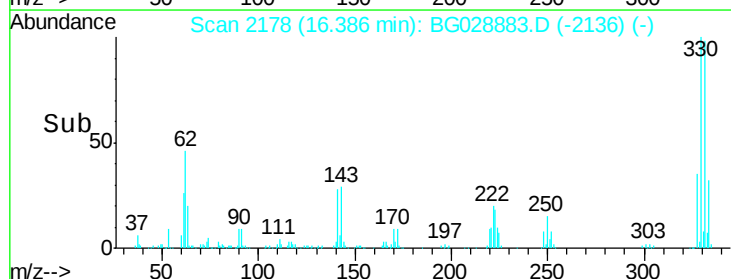
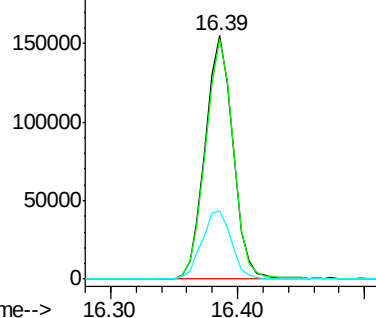
Lab File: BG028883.D

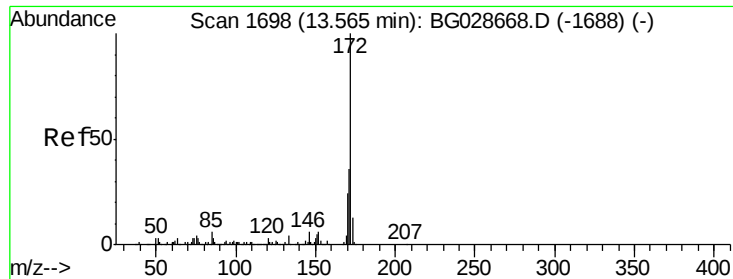
Acq: 22 Sep 2017 20:40

Tgt Ion:	330	Resp:	235254
Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.3	115.9
141	29.8	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

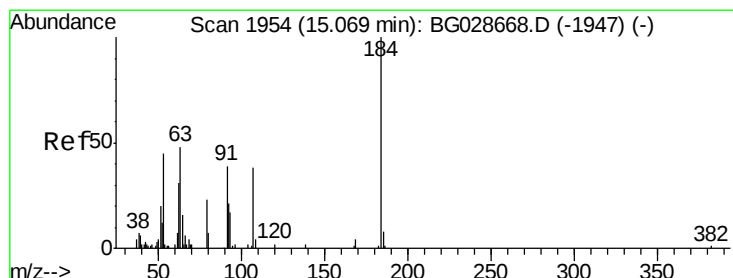
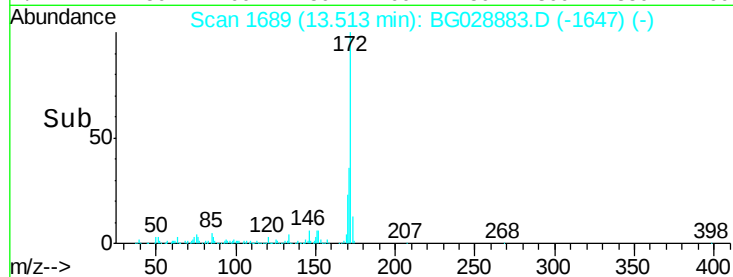
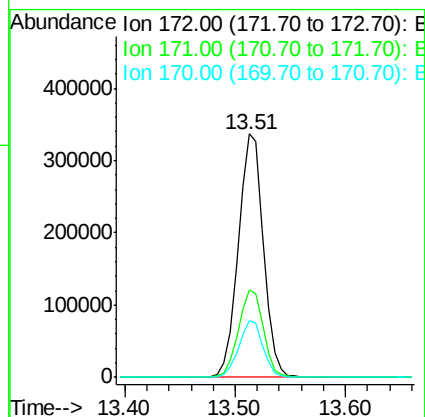
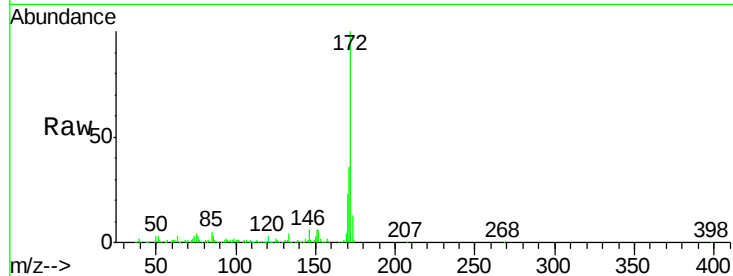




#44
2-Fluorobiphenyl
Concen: 92.66 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

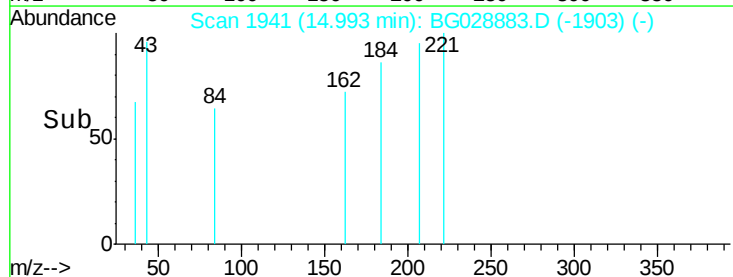
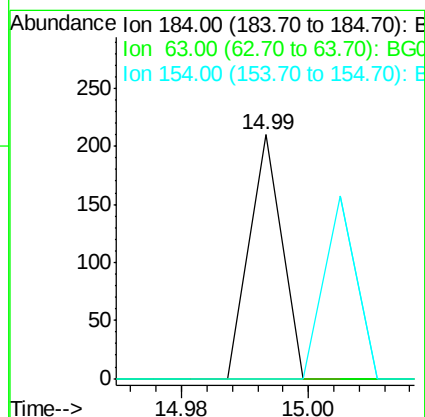
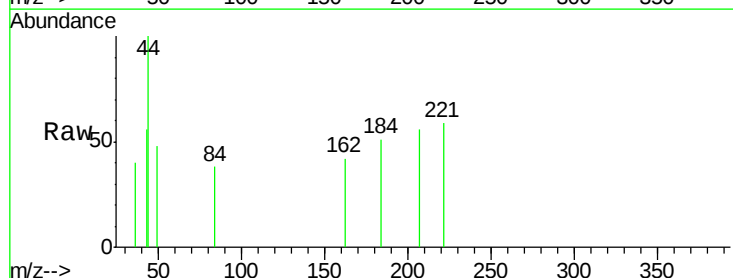
Instrument :
BNA_G
ClientSampleId :

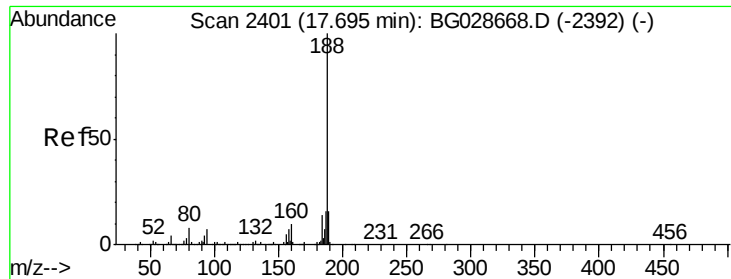
Tot Ion:172 Resp: 538931
Ion Ratio Lower Upper
172 100
171 36.1 32.2 48.2
170 23.1 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 8.09 ng
RT: 14.99 min Scan# 1941
Delta R.T. -0.08 min
Lab File: BG028883.D
Acq: 22 Sep 2017 20:40

Tgt Ion:184 Resp: 74
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampleId :

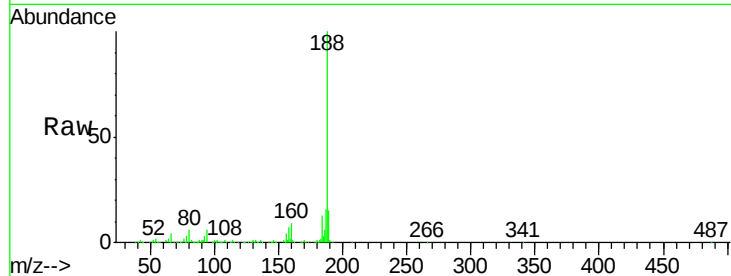
Tot Ion:188 Resp: 252864

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

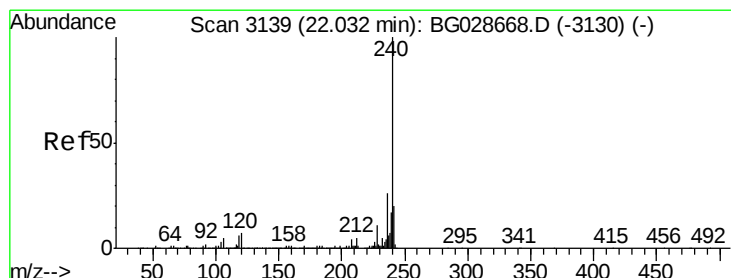
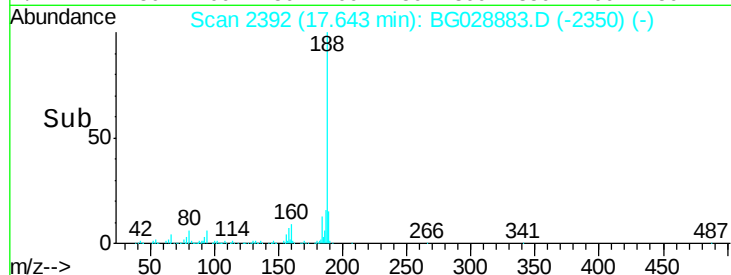
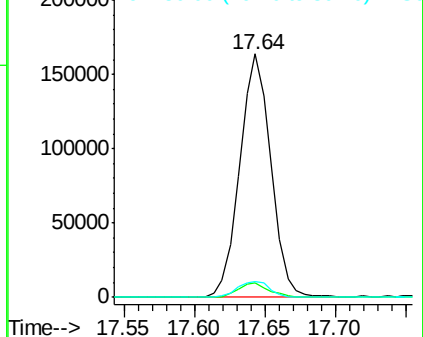
80 6.5 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

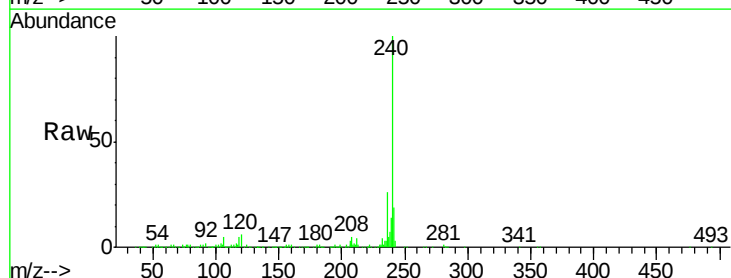
Tgt Ion:240 Resp: 300374

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

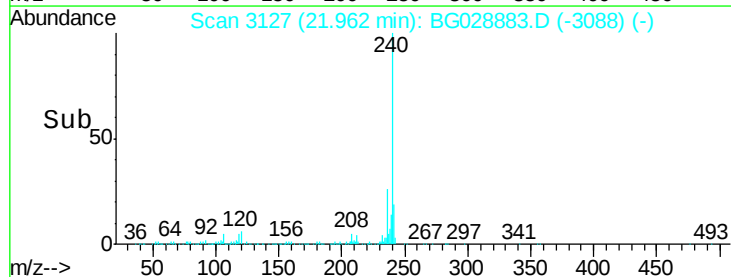
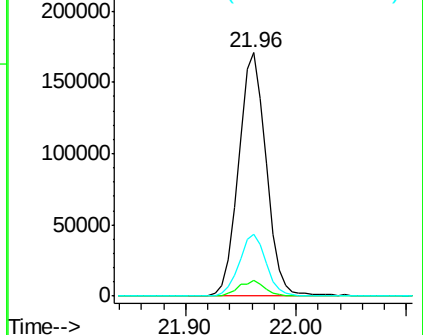
236 25.6 22.2 33.4

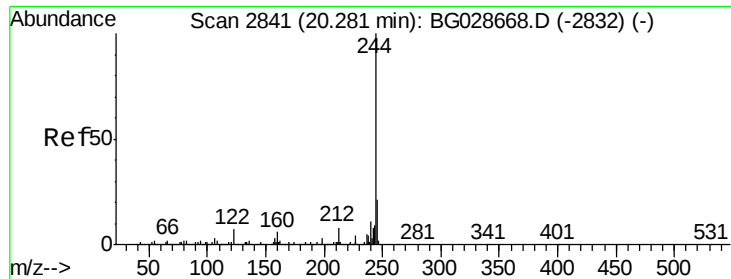


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.57 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

Instrument :

BNA_G

ClientSampled :

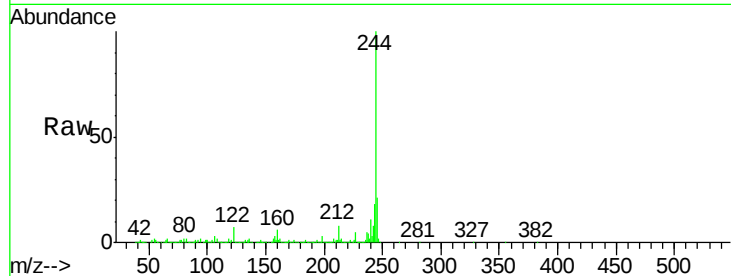
Tot Ion:244 Resp: 1346086

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

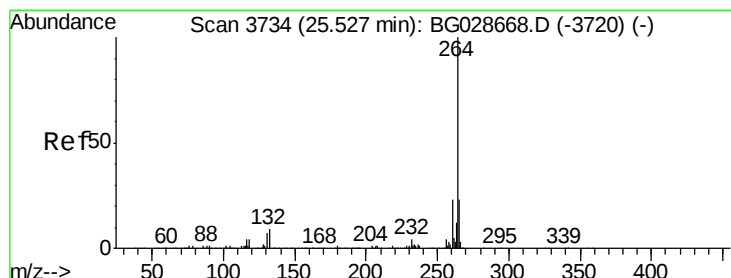
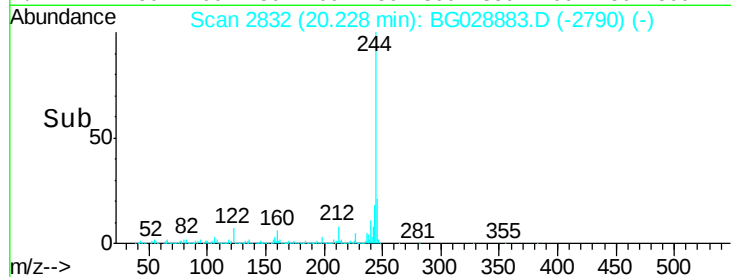
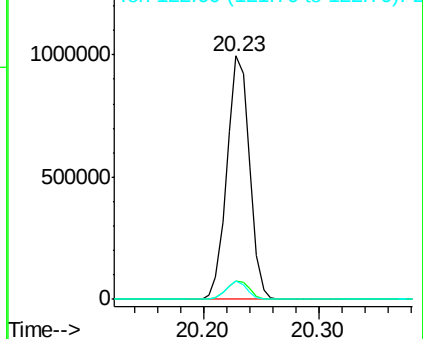
122 7.5 8.6 12.8#



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: 20.00 ng

RT: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028883.D

Acq: 22 Sep 2017 20:40

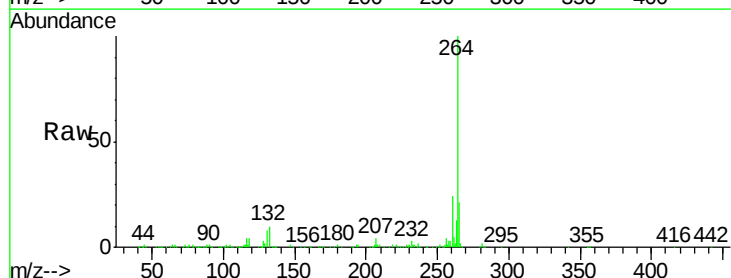
Tgt Ion:264 Resp: 309190

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.4 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

