

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092817\
 Data File : BG028965.D
 Acq On : 28 Sep 2017 18:16
 Operator : SJ/JU
 Sample : I5463-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 29 05:23:23 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

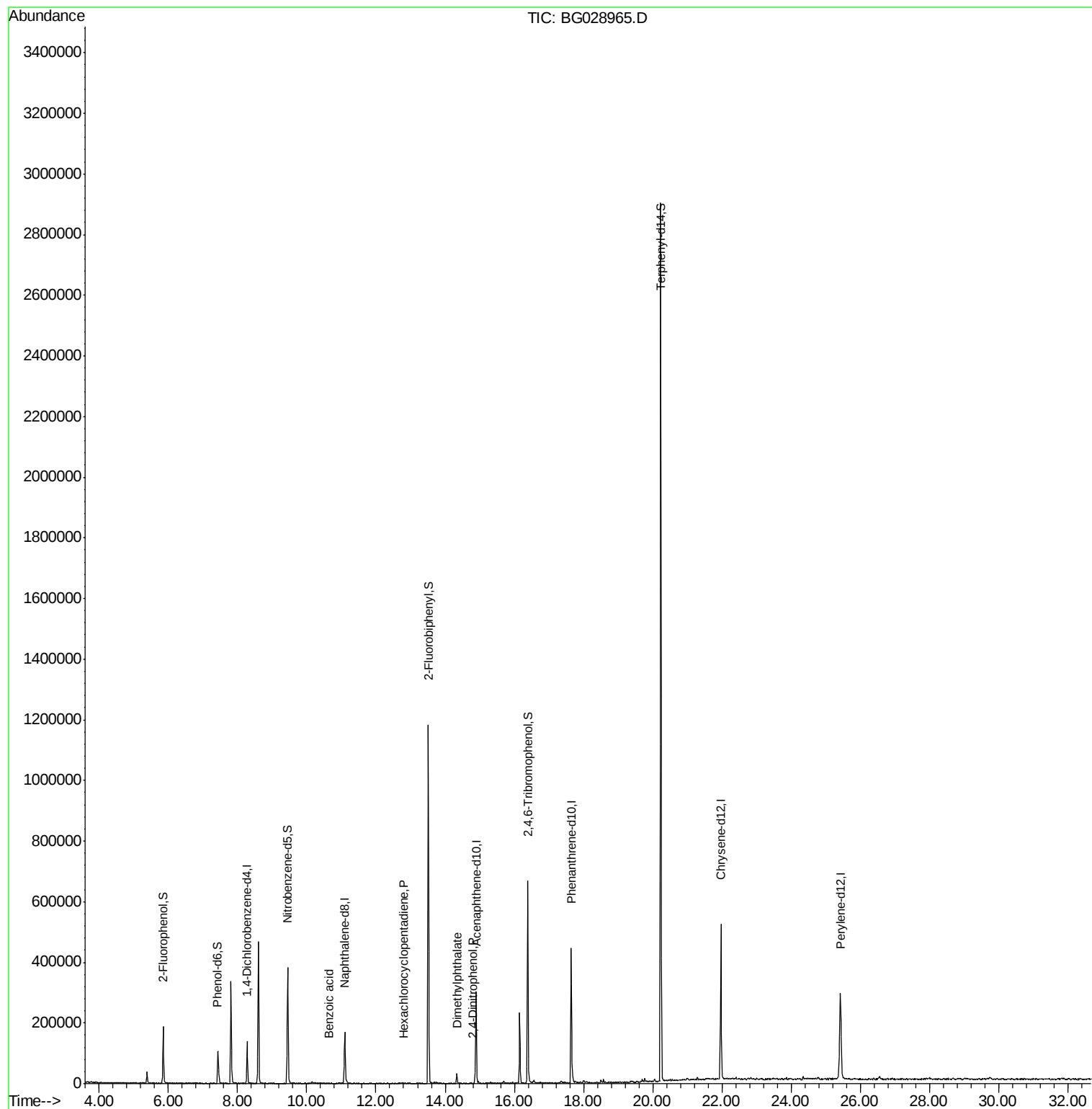
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	37418	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	150506	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	111709	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	292389	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	362882	20.00	ng	-0.07
86) Perylene-d12	25.42	264	365623	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	84739	37.37	ng	-0.05
7) Phenol-d6	7.44	99	71706	21.00	ng	-0.05
23) Nitrobenzene-d5	9.45	82	249856	79.42	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	145653	78.83	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	673731	80.42	ng	-0.05
78) Terphenyl-d14	20.23	244	1459931	85.80	ng	-0.05
Target Compounds						
32) Benzoic acid	10.63	122	62	6.11	ng	# 1
40) Hexachlorocyclopentadiene	12.79	237	113	7.66	ng	# 29
49) Dimethylphthalate	14.33	163	25023	2.67	ng	# 96
53) 2,4-Dinitrophenol	14.81	184	56	8.05	ng	# 15

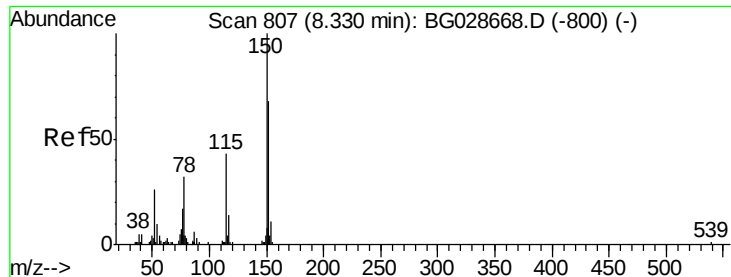
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



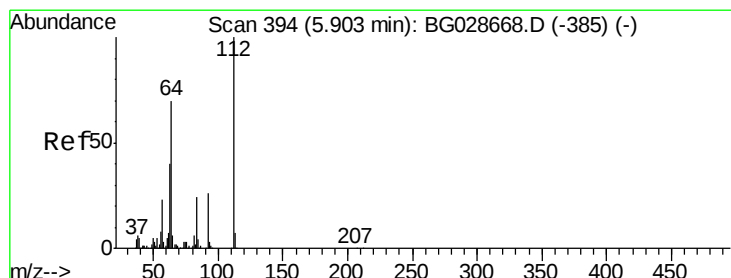
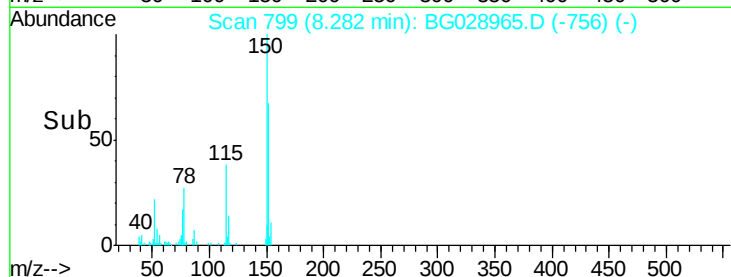
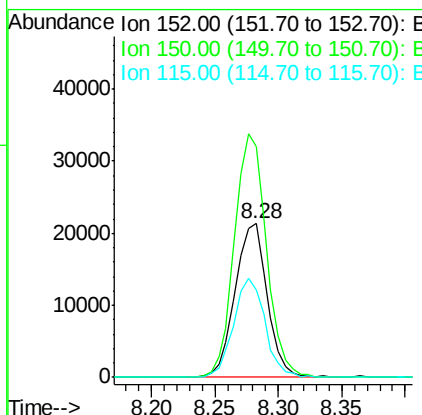
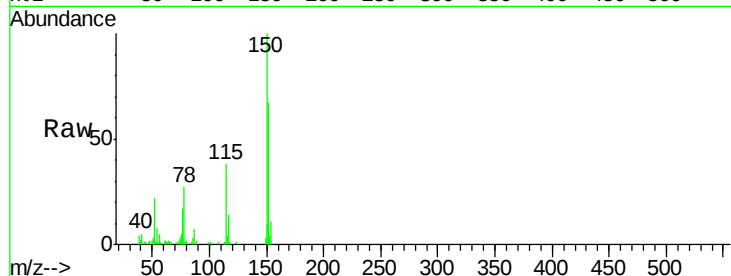


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 799
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

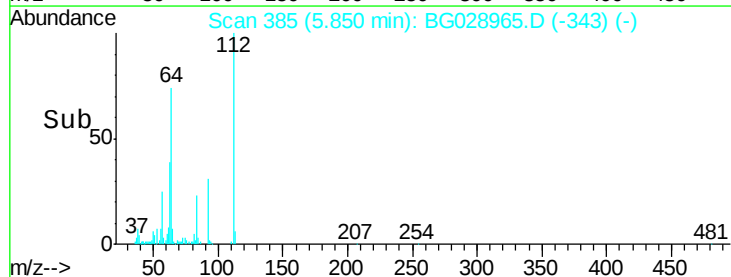
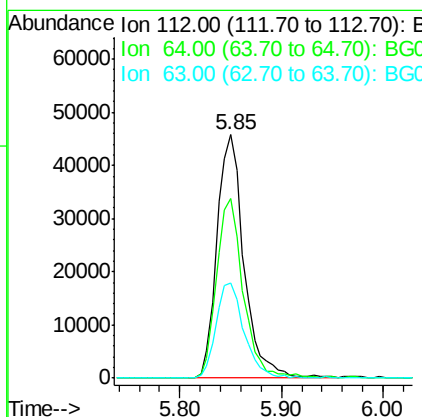
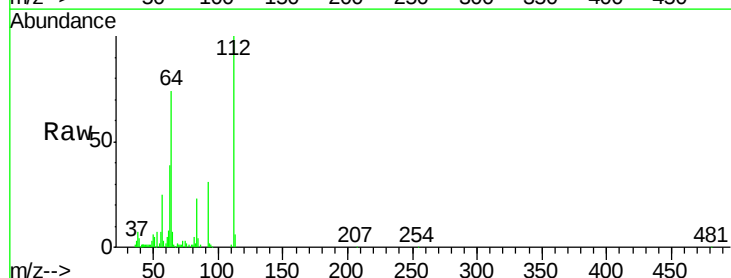
Tot Ion:152 Resp: 37418
Ion Ratio Lower Upper
152 100
150 150.2 114.0 171.0
115 57.1 48.1 72.1

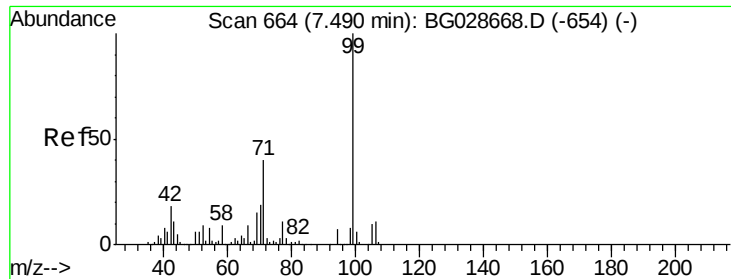


#5

2-Fluorophenol
Concen: 37.37 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:112 Resp: 84739
Ion Ratio Lower Upper
112 100
64 73.6 61.8 92.6
63 39.2 37.2 55.8





#7

Phenol-d6

Concen: 21.00 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Instrument :

BNA_G

ClientSampled :

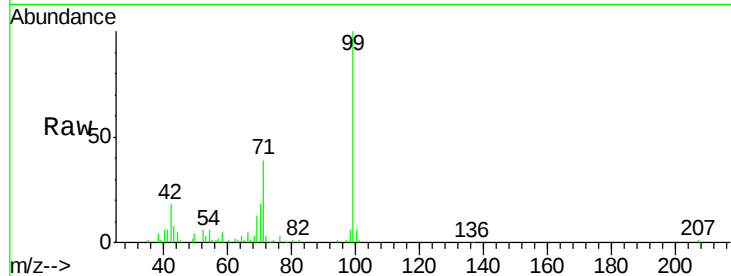
Tot Ion: 99 Resp: 71706

Ion Ratio Lower Upper

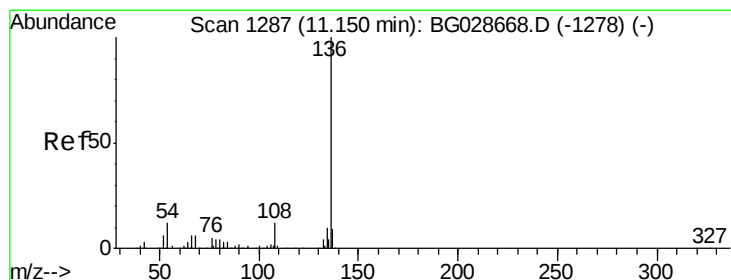
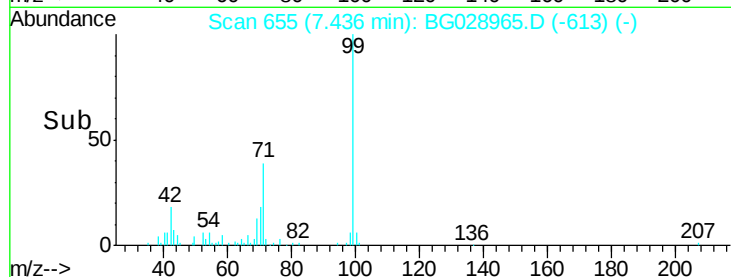
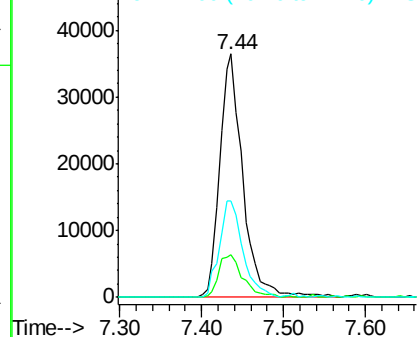
99 100

42 17.7 20.5 30.7#

71 39.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Tgt Ion: 136 Resp: 150506

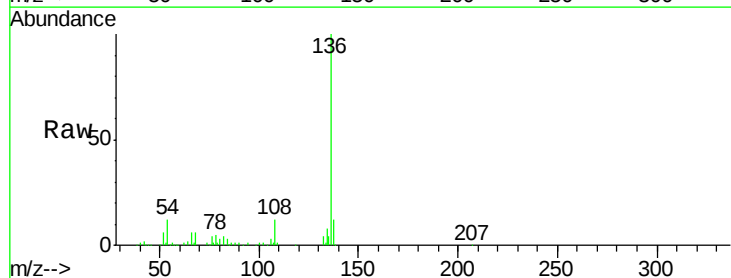
Ion Ratio Lower Upper

136 100

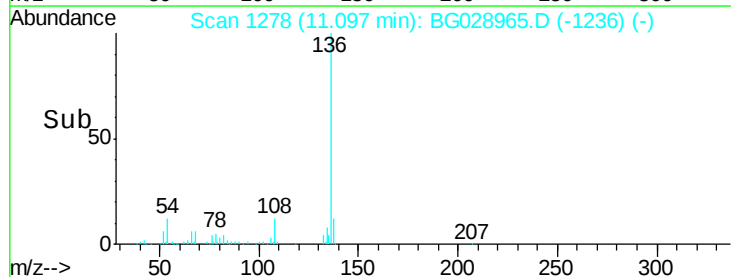
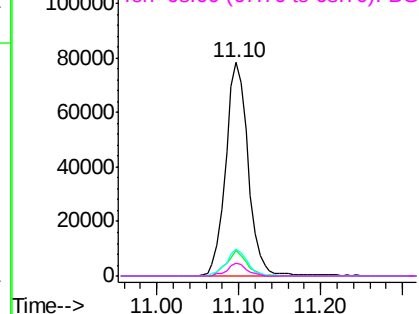
137 11.8 8.9 13.3

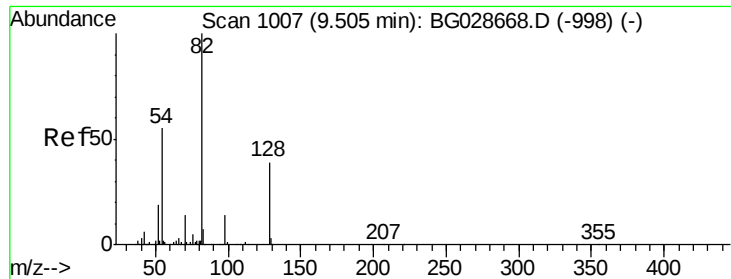
54 12.3 9.3 13.9

68 6.0 5.1 7.7



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

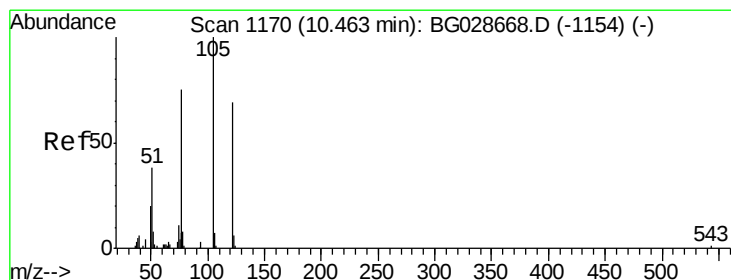
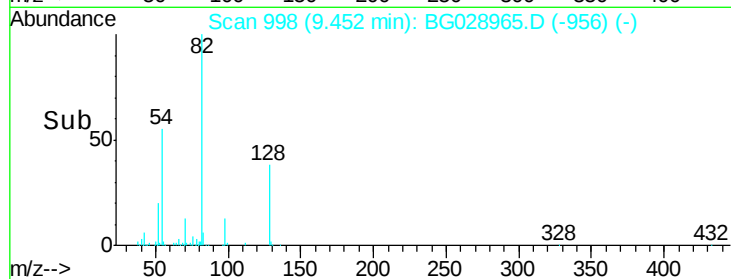
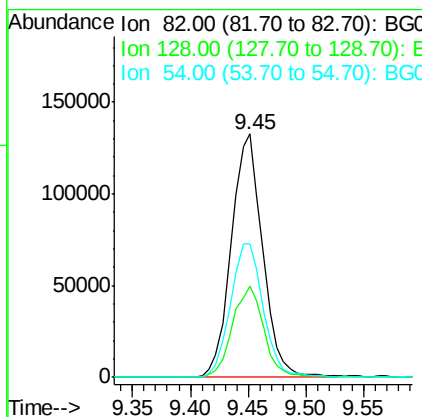
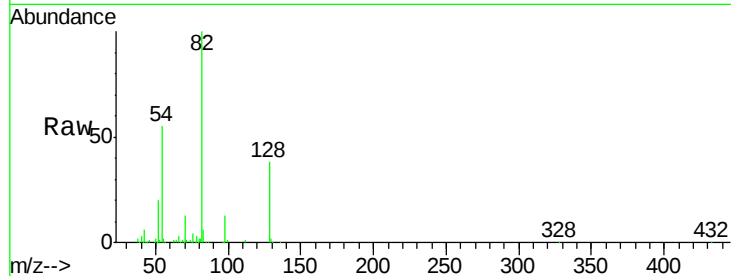




#23
 Nitrobenzene-d5
 Concen: 79.42 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028965.D
 Acq: 28 Sep 2017 18:16

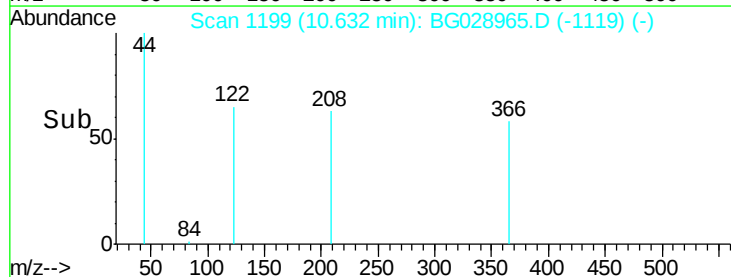
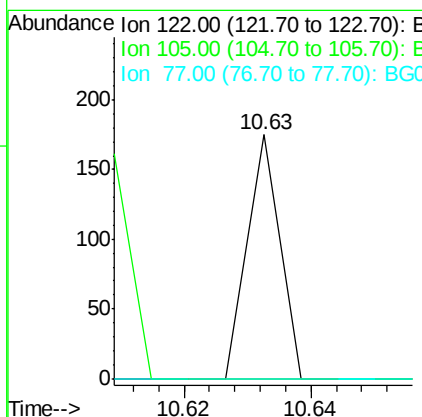
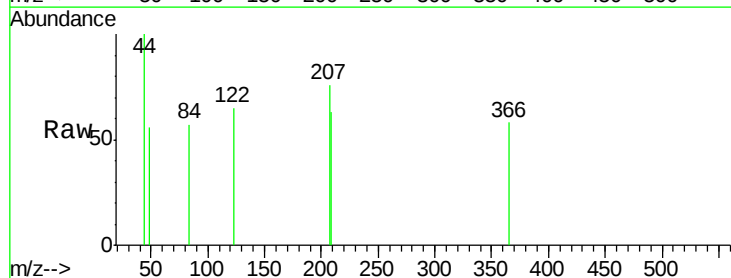
Instrument :
 BNA_G
 ClientSampleId :

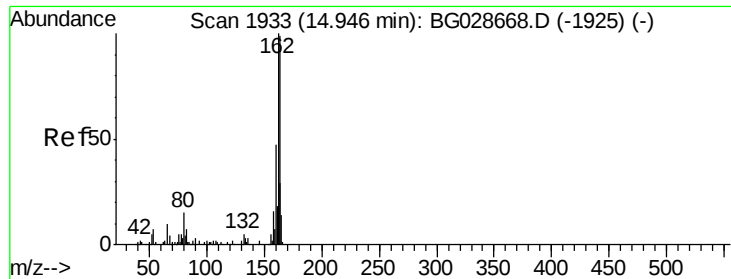
Tot Ion	82	Resp	249856
Ion Ratio	Lower	Upper	
82	100		
128	37.5	26.4	39.6
54	54.8	49.4	74.2



#32
 Benzoic acid
 Concen: 6.11 ng
 RT: 10.63 min Scan# 1199
 Delta R.T. 0.17 min
 Lab File: BG028965.D
 Acq: 28 Sep 2017 18:16

Tgt Ion	122	Resp	62
Ion Ratio	Lower	Upper	
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Instrument :

BNA_G

ClientSampleId :

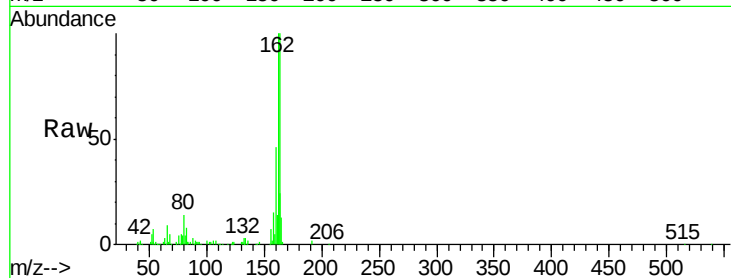
Tot Ion:164 Resp: 111709

Ion Ratio Lower Upper

164 100

162 100.1 85.1 127.7

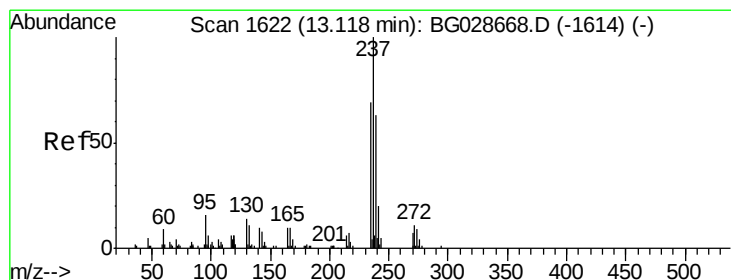
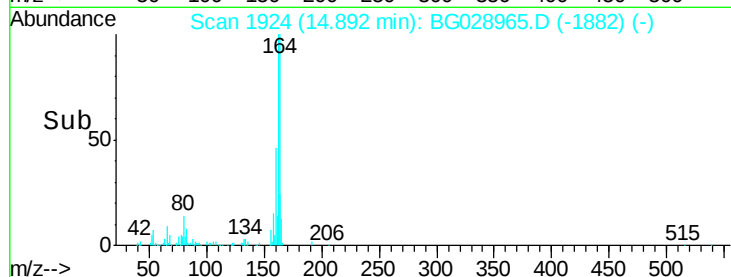
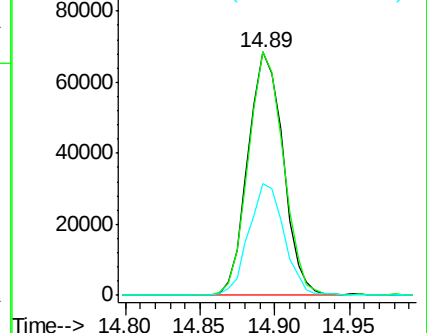
160 46.2 34.7 52.1



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: 7.66 ng

RT: 12.79 min Scan# 1567

Delta R.T. -0.32 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

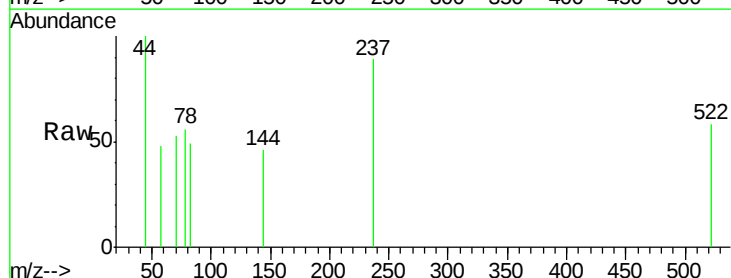
Tgt Ion:237 Resp: 113

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

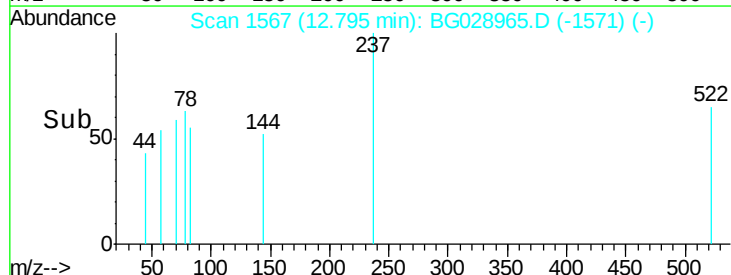
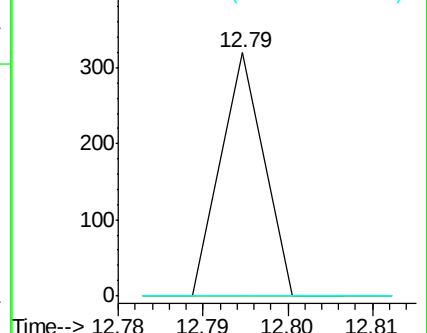
272 0.0 0.0 32.0

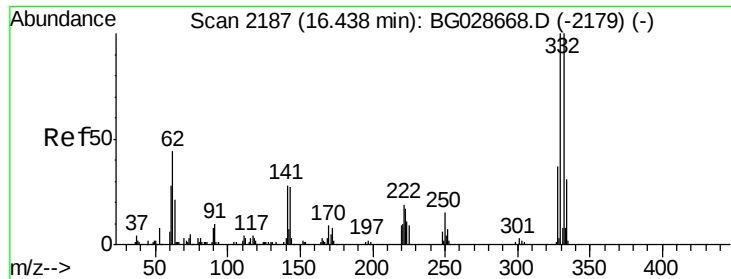


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

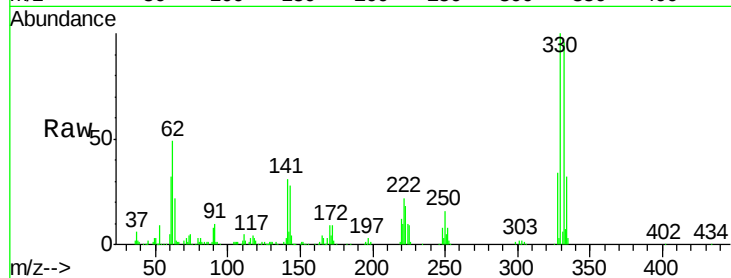




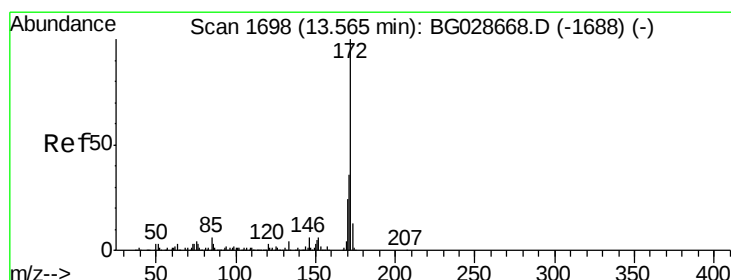
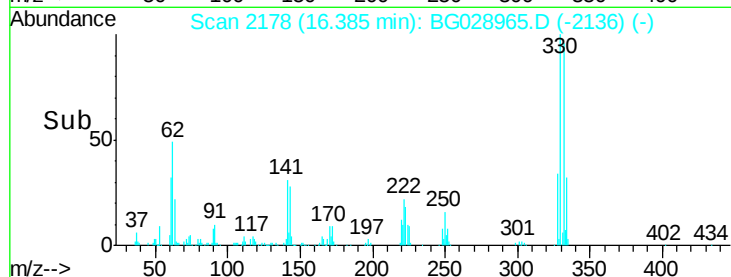
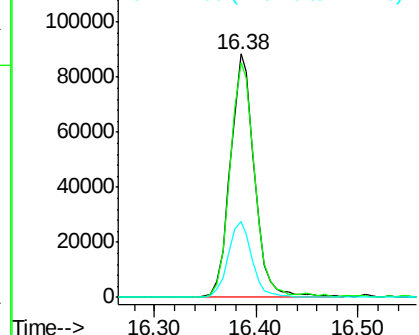
#41
 2,4,6-Tribromophenol
 Concen: 78.83 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028965.D
 Acq: 28 Sep 2017 18:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	31.2	32.1	48.1#

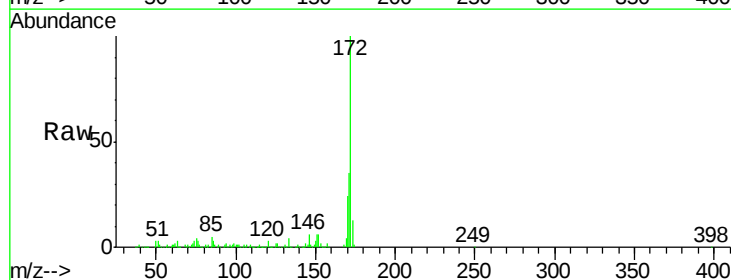


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

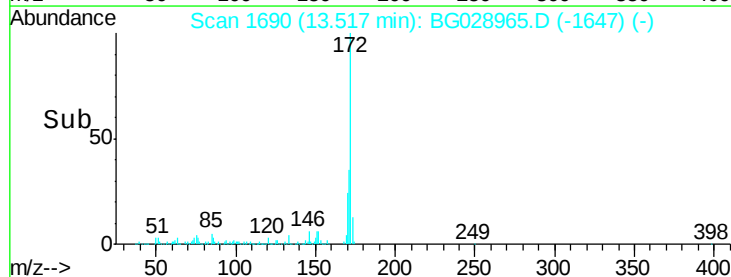
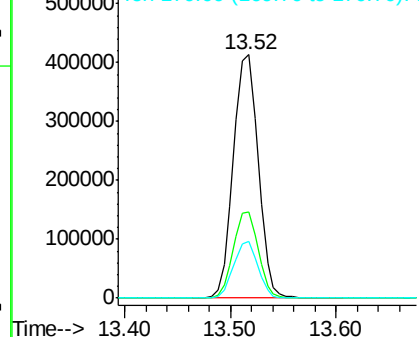


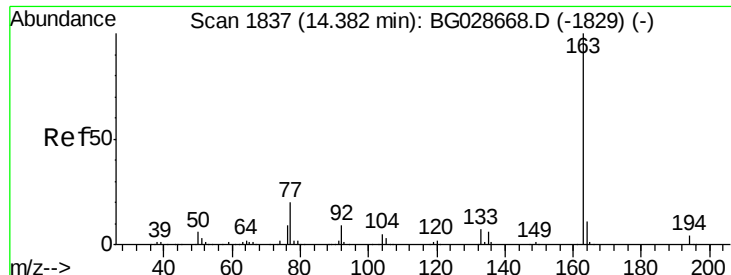
#44
 2-Fluorobiphenyl
 Concen: 80.42 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028965.D
 Acq: 28 Sep 2017 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	23.5	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

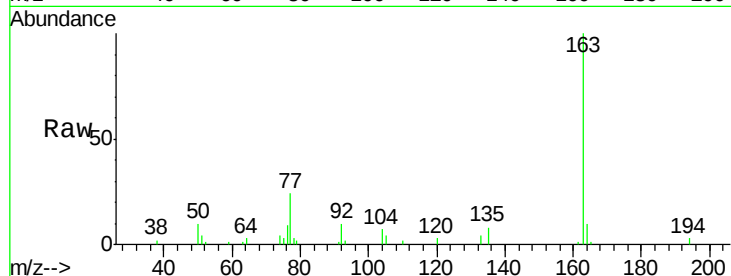




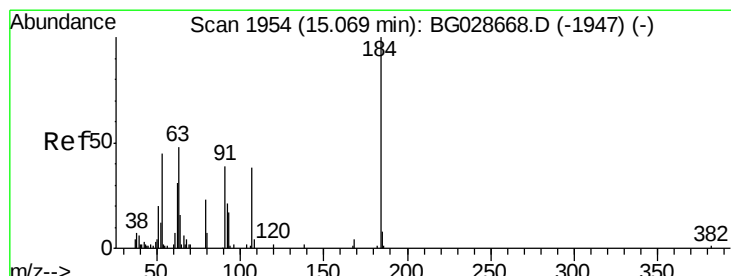
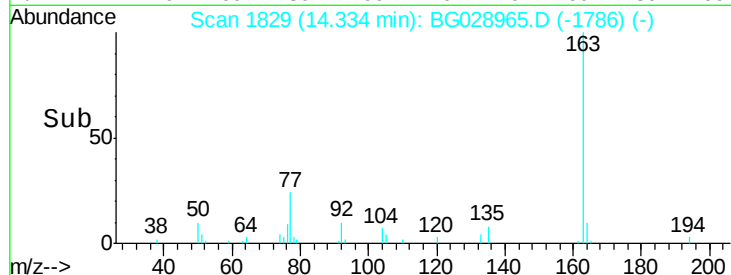
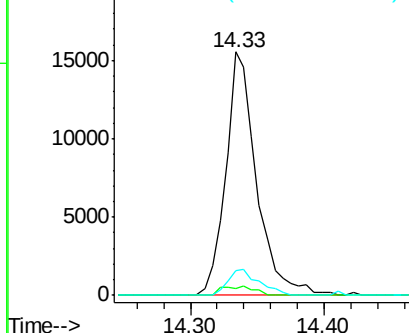
#49
Dimethylphthalate
Concen: 2.67 ng
RT: 14.33 min Scan# 1829
Delta R.T. -0.05 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 25023
Ion Ratio Lower Upper
163 100
194 2.7 3.8 5.6#
164 10.4 9.3 13.9

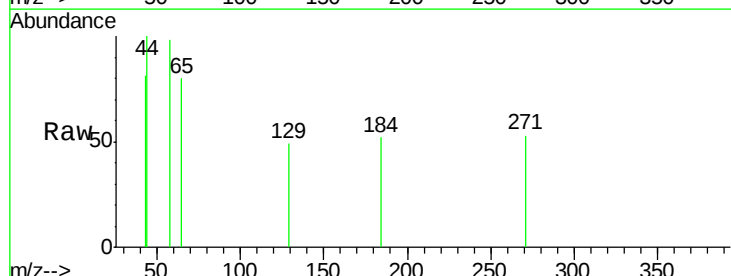


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

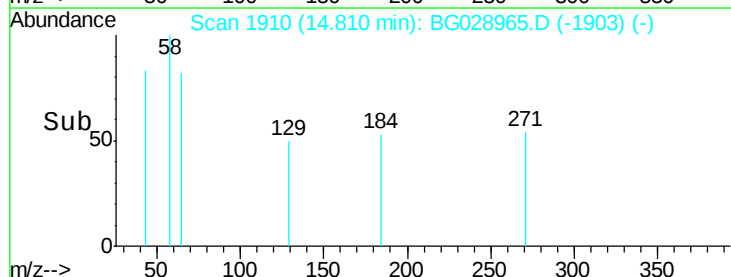
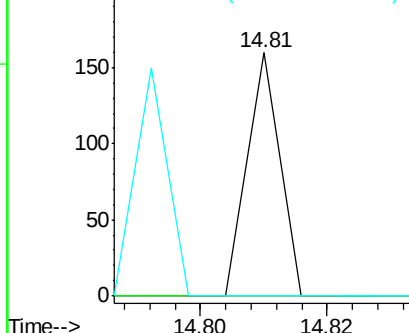


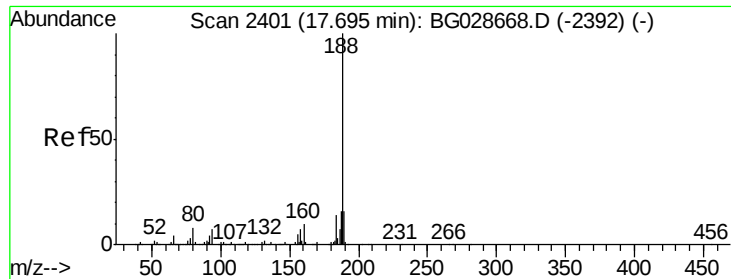
#53
2,4-Dinitrophenol
Concen: 8.05 ng
RT: 14.81 min Scan# 1910
Delta R.T. -0.26 min
Lab File: BG028965.D
Acq: 28 Sep 2017 18:16

Tgt Ion:184 Resp: 56
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): BG
Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Instrument :

BNA_G

ClientSampleId :

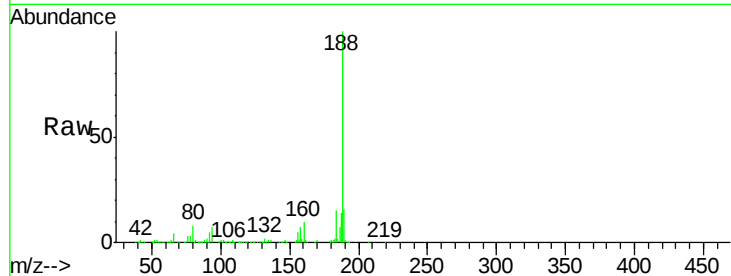
Tot Ion:188 Resp: 292389

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

80 8.2 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

250000

200000

150000

100000

50000

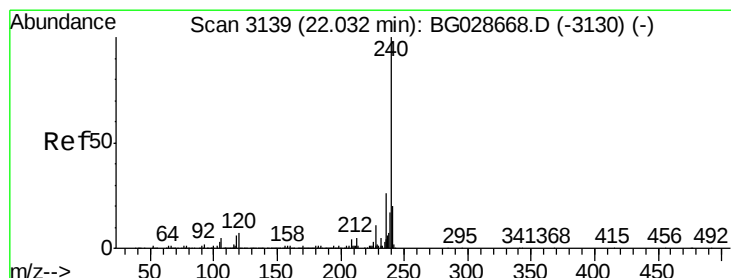
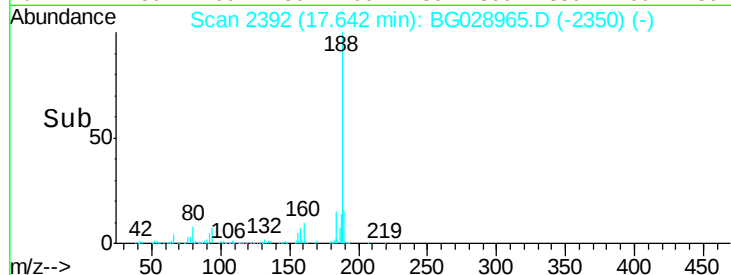
0

17.64

17.60

17.70

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

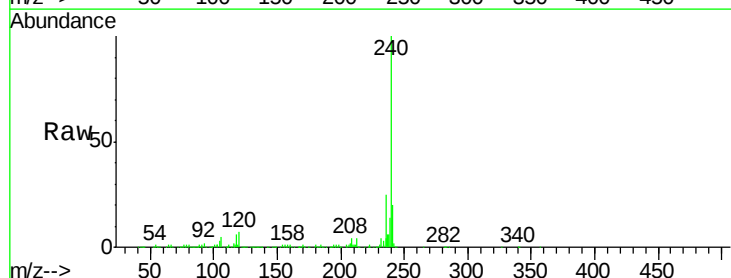
Tgt Ion:240 Resp: 362882

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

236 25.4 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

250000

200000

150000

100000

50000

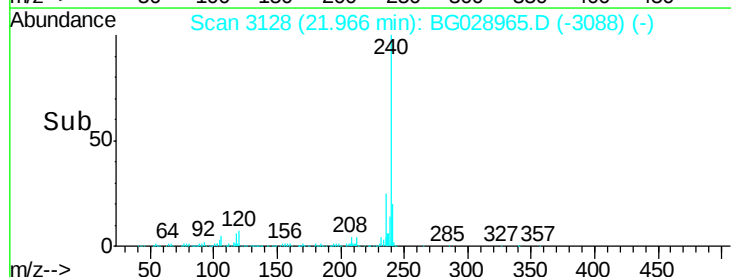
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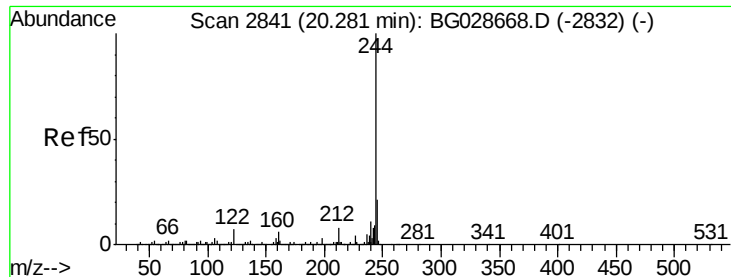
21.97

21.90

22.10

Time-->





#78

Terphenyl-d14

Concen: 85.80 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028965.D

Acq: 28 Sep 2017 18:16

Instrument :

BNA_G

ClientSampleId :

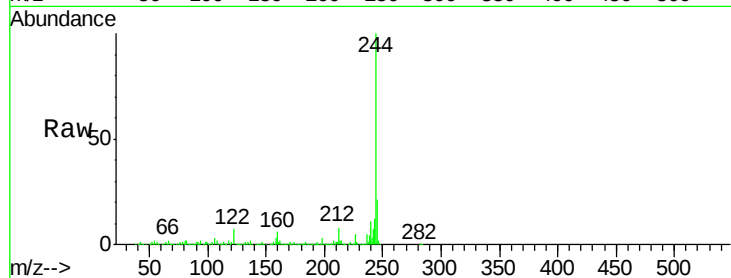
Tot Ion:244 Resp: 1459931

Ion Ratio Lower Upper

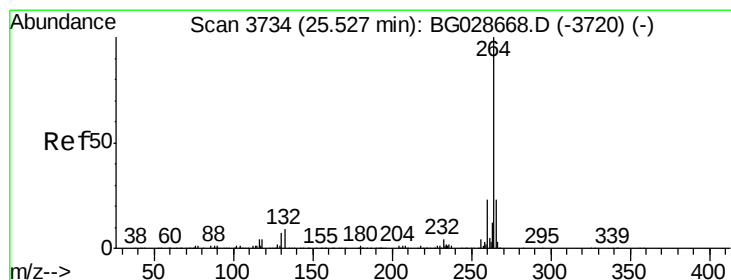
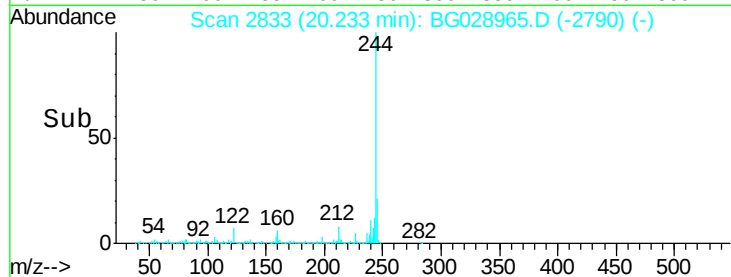
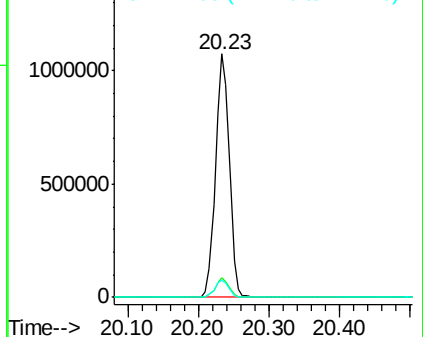
244 100

212 8.1 10.0 15.0#

122 7.2 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: 25.42 min Scan# 3716

Delta R.T. -0.11 min

Lab File: BG028965.D

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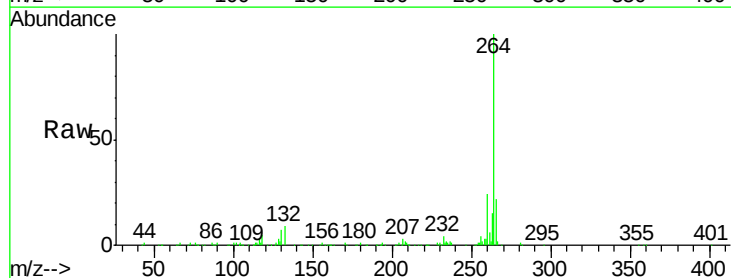
Tgt Ion:264 Resp: 365623

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 22.0 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

