

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
 Data File : BG028980.D
 Acq On : 29 Sep 2017 22:15
 Operator : SJ/JU
 Sample : I5450-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 29 22:52:10 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

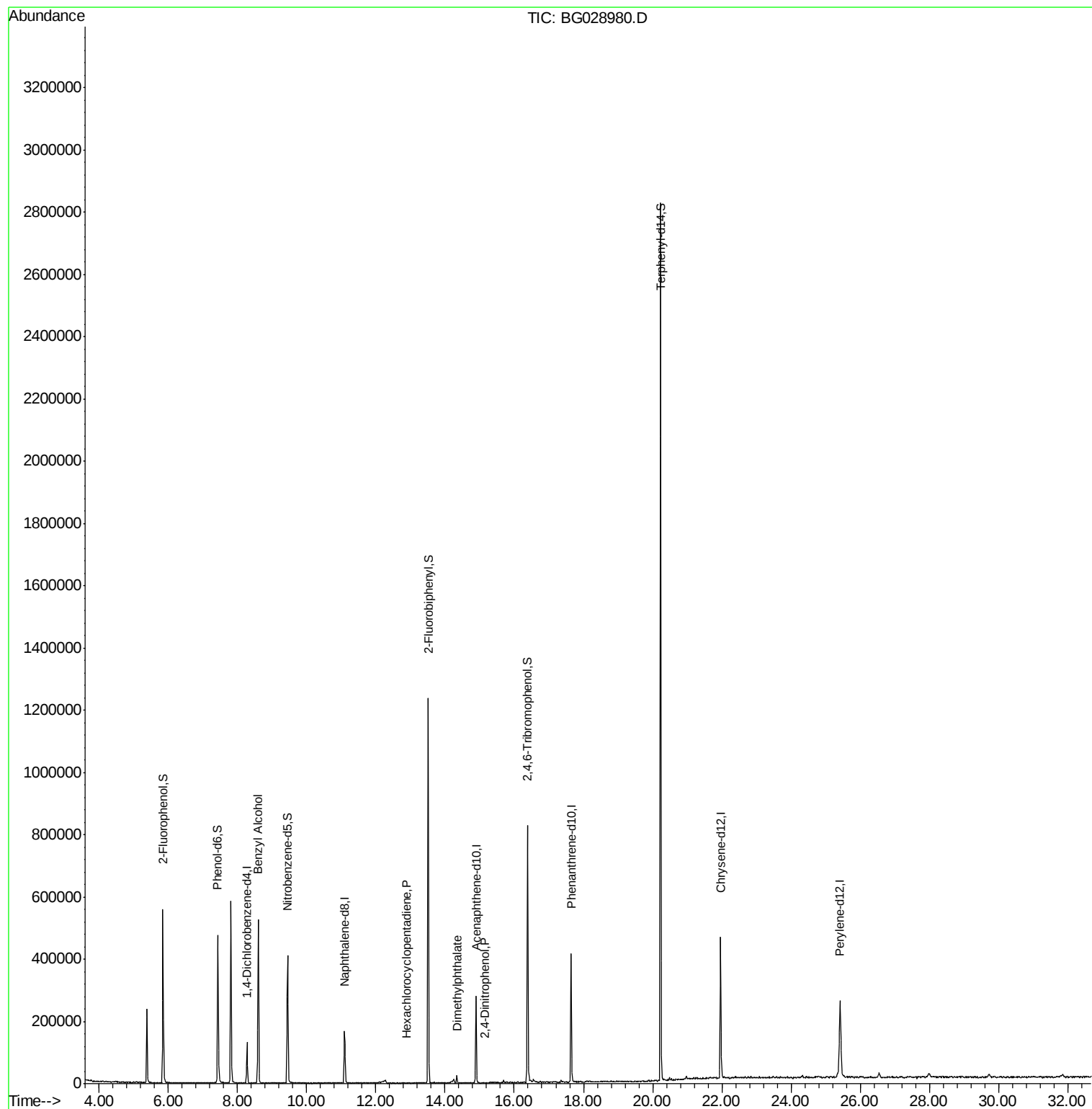
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	35651	20.00	ng	-0.05
21) Naphthalene-d8	11.09	136	147613	20.00	ng	-0.06
38) Acenaphthene-d10	14.90	164	99956	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	271056	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	319432	20.00	ng	-0.07
86) Perylene-d12	25.42	264	326605	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	238040	110.17	ng	-0.06
7) Phenol-d6	7.43	99	290594	89.33	ng	-0.06
23) Nitrobenzene-d5	9.45	82	265077	85.90	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	180025	108.89	ng	-0.06
44) 2-Fluorobiphenyl	13.51	172	673985	89.91	ng	-0.05
78) Terphenyl-d14	20.23	244	1337336	89.28	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.60	79	5368	2.114	ng	# 65
40) Hexachlorocyclopentadiene	12.87	237	63	7.639	ng	# 29
49) Dimethylphthalate	14.34	163	17663	2.107	ng	96
53) 2,4-Dinitrophenol	15.15	184	53	8.050	ng	# 15

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

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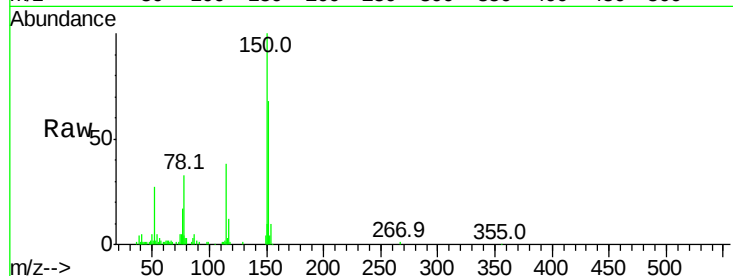


#1

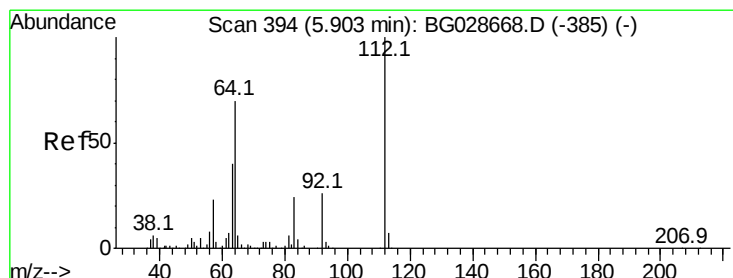
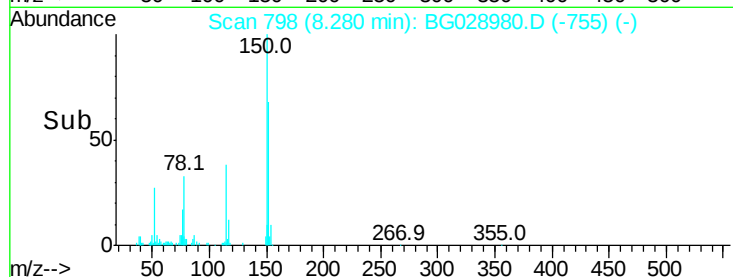
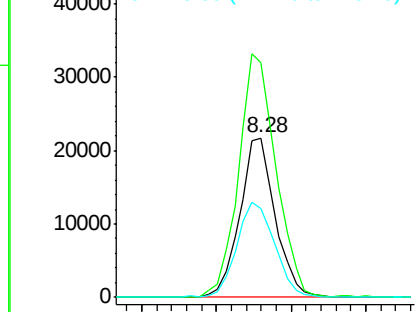
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028980.D
Acq: 29 Sep 2017 22:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35651
Ion Ratio Lower Upper
152 100
150 147.0 114.0 171.0
115 55.8 48.1 72.1



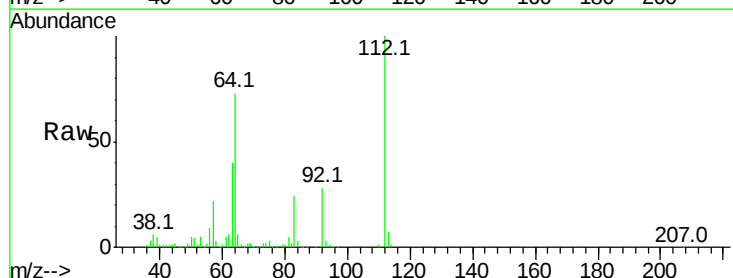
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



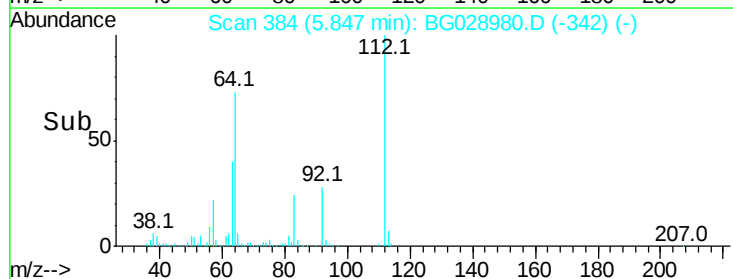
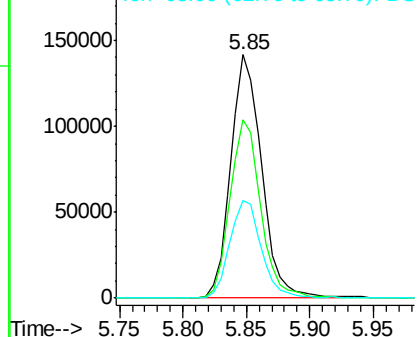
#5

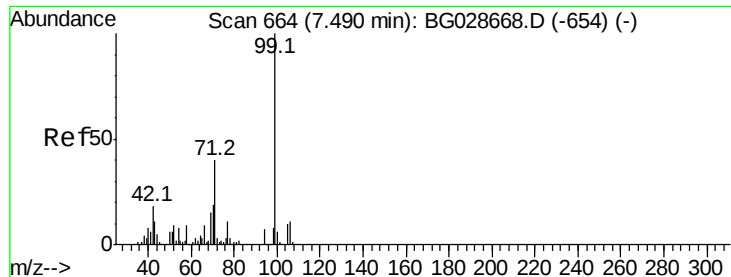
2-Fluorophenol
Concen: 110.173 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028980.D
Acq: 29 Sep 2017 22:15

Tgt Ion:112 Resp: 238040
Ion Ratio Lower Upper
112 100
64 73.1 61.8 92.6
63 40.1 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 89.330 ng

RT: 7.43 min Scan# 654

Delta R.T. -0.06 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

Instrument :

BNA_G

ClientSampleId :

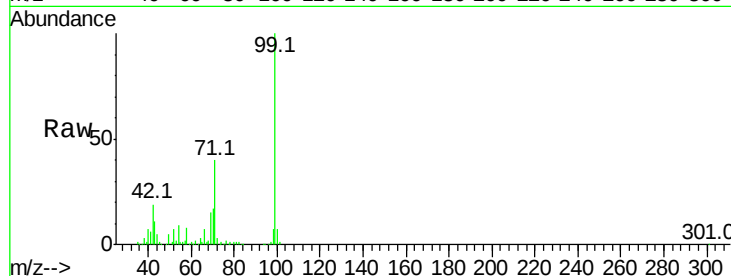
Tot Ion: 99 Resp: 290594

Ion Ratio Lower Upper

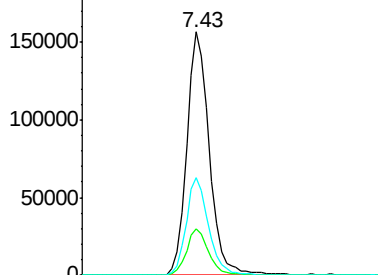
99 100

42 19.1 20.5 30.7#

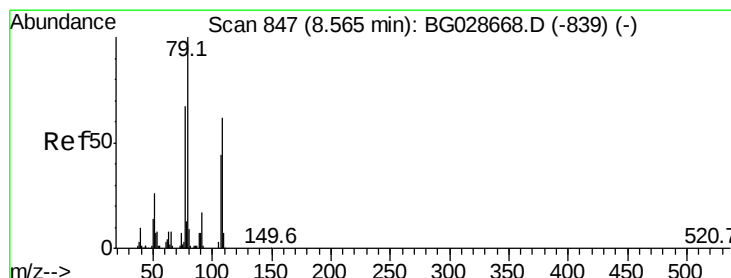
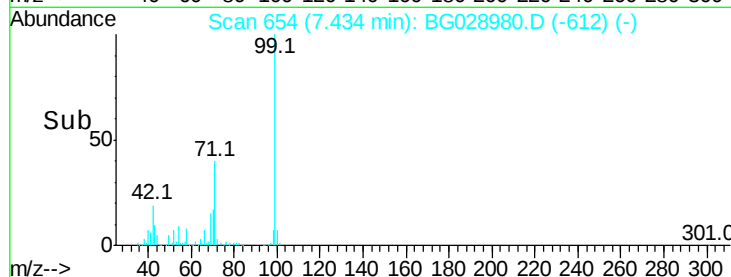
71 40.0 37.6 56.4



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



Time--> 7.30 7.40 7.50 7.60



#15

Benzyl Alcohol

Concen: 2.114 ng

RT: 8.60 min Scan# 853

Delta R.T. 0.04 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

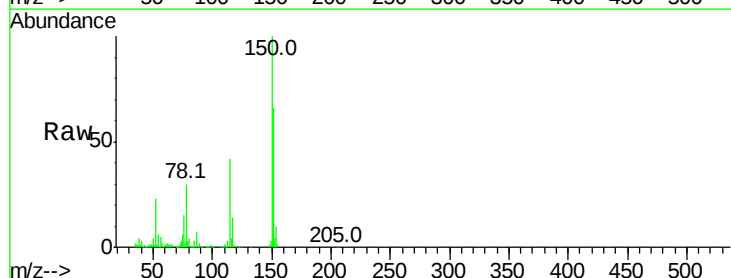
Tgt Ion: 79 Resp: 5368

Ion Ratio Lower Upper

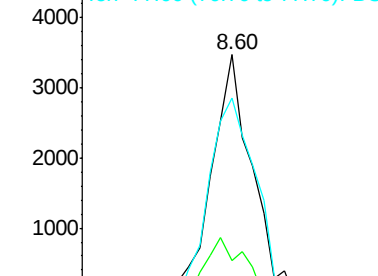
79 100

108 15.6 45.5 68.3#

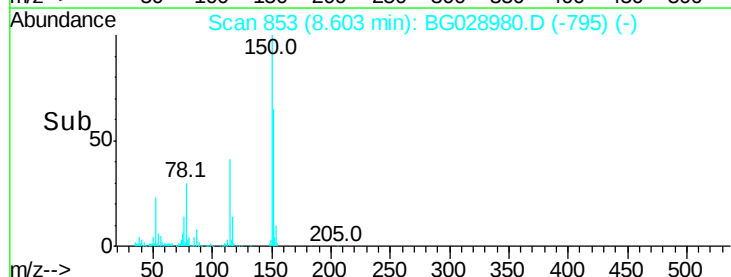
77 82.1 54.3 81.5#

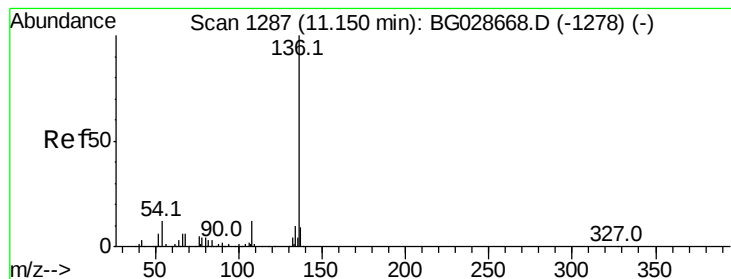


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



Time--> 8.55 8.60 8.65





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.09 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 147613

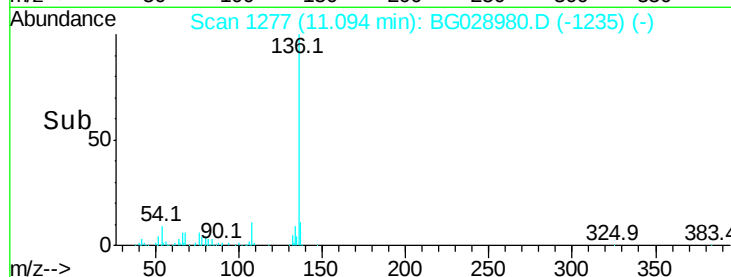
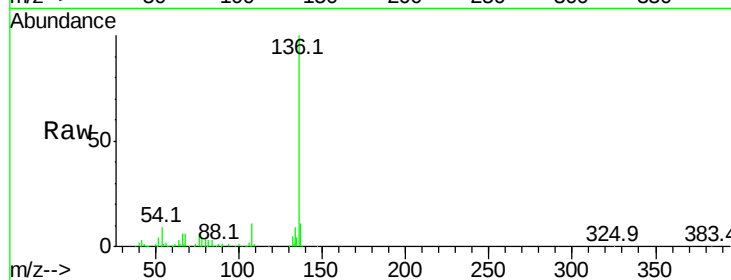
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 9.3 13.9

68 5.6 5.1 7.7

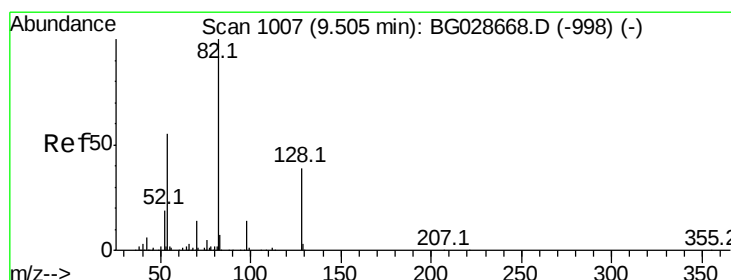
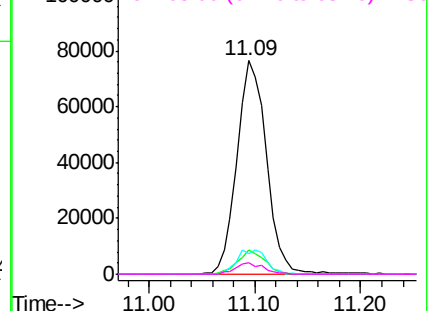


Abundance Ion 136.00 (135.70 to 136.70): B

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: 85.904 ng

RT: 9.45 min Scan# 997

Delta R.T. -0.06 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

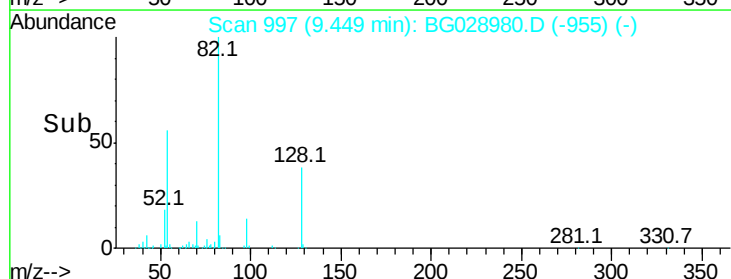
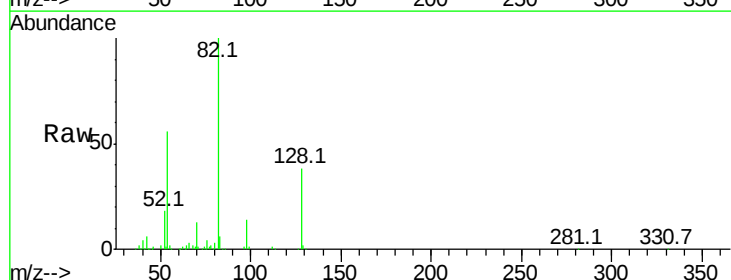
Tgt Ion: 82 Resp: 265077

Ion Ratio Lower Upper

82 100

128 38.2 26.4 39.6

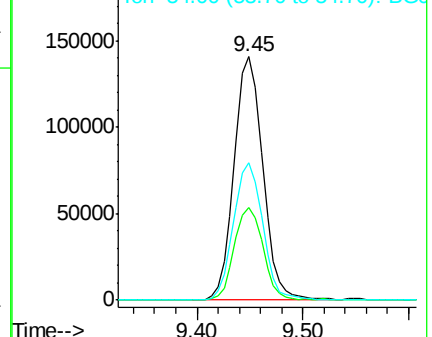
54 56.2 49.4 74.2

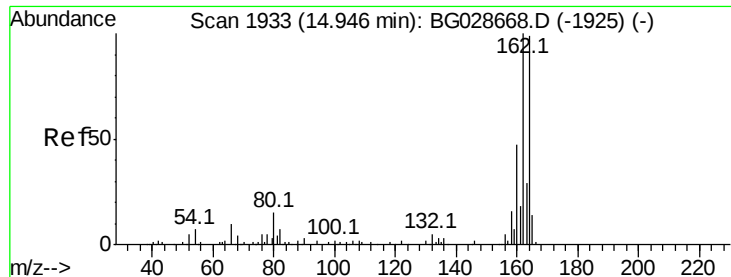


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.90 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

Instrument :

BNA_G

ClientSampleId :

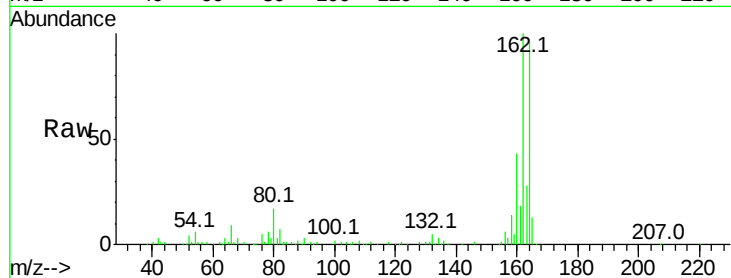
Tot Ion:164 Resp: 99956

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

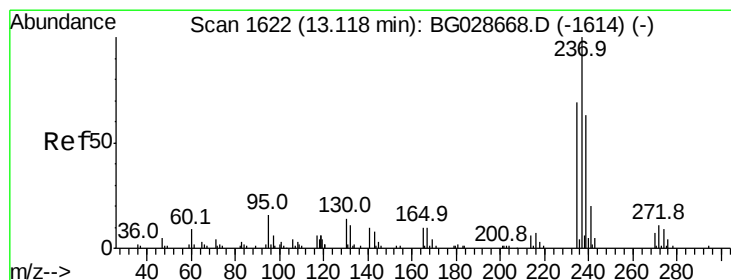
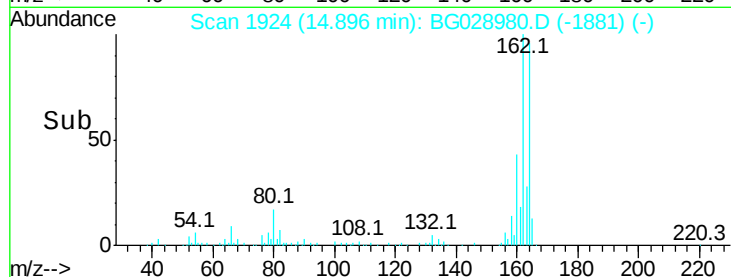
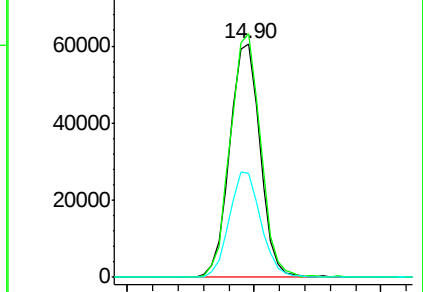
160 44.4 34.7 52.1



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: 7.639 ng

RT: 12.87 min Scan# 1579

Delta R.T. -0.25 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

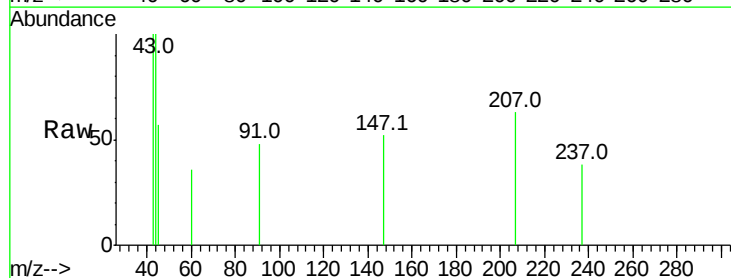
Tgt Ion:237 Resp: 63

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

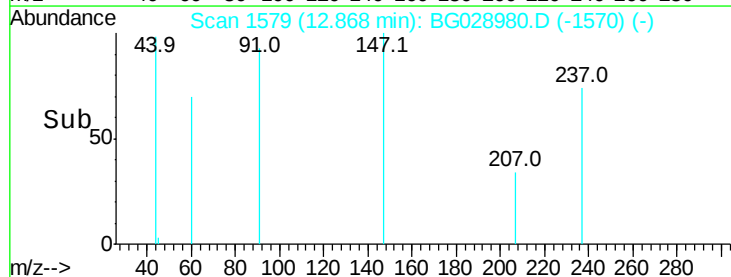
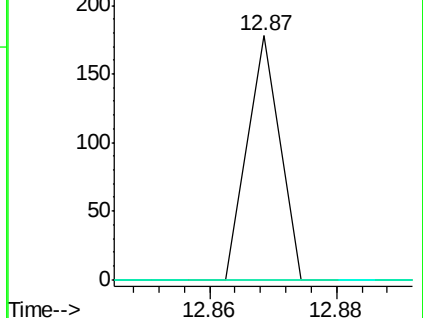
272 0.0 0.0 32.0

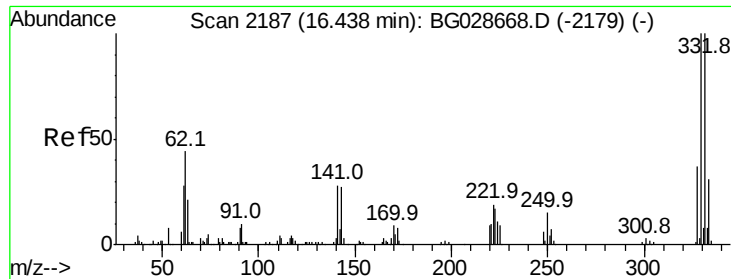


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

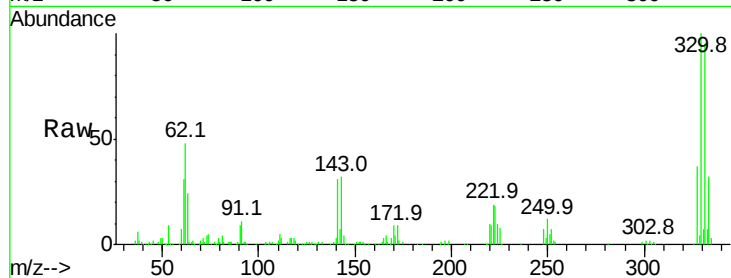




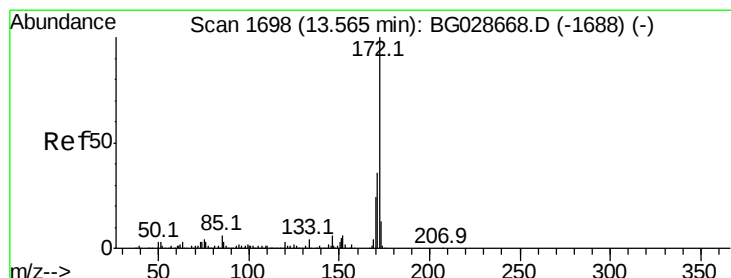
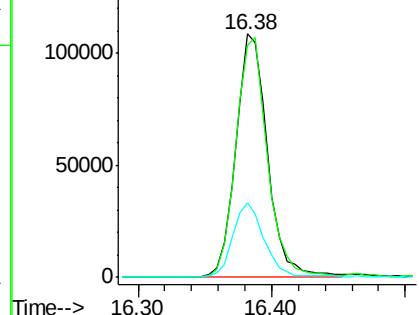
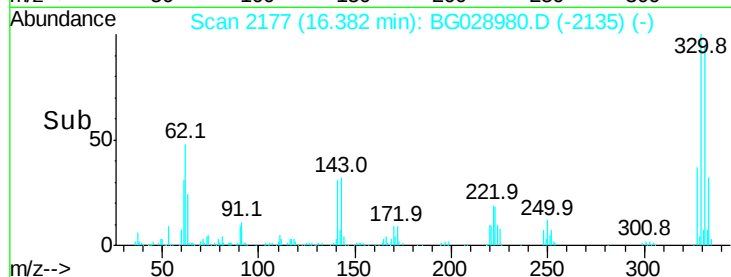
#41
 2,4,6-Tribromophenol
 Concen: 108.894 ng
 RT: 16.38 min Scan# 2177
 Delta R.T. -0.06 min
 Lab File: BG028980.D
 Acq: 29 Sep 2017 22:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	30.7	32.1	48.1#

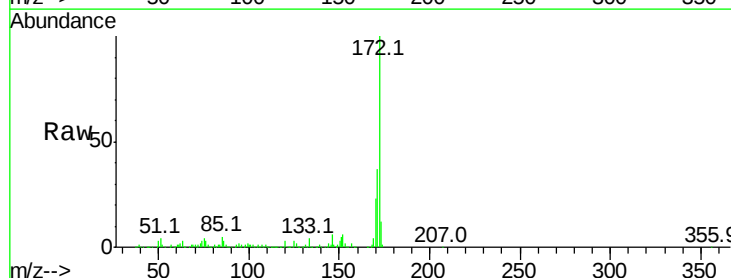


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

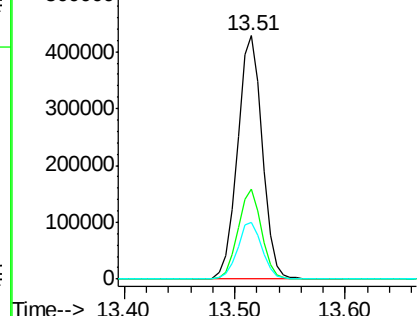
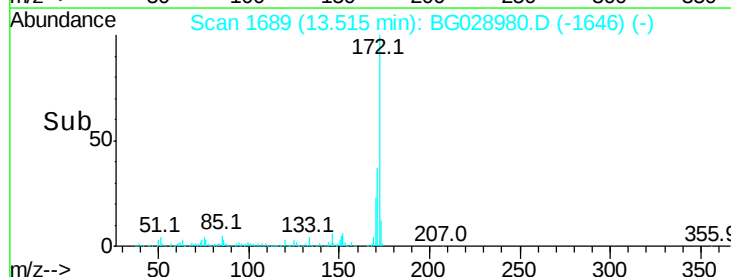


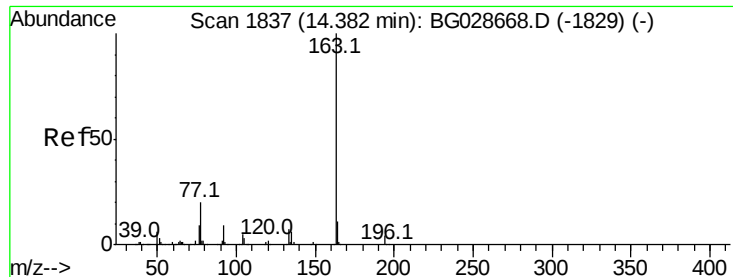
#44
 2-Fluorobiphenyl
 Concen: 89.910 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028980.D
 Acq: 29 Sep 2017 22:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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: 2.107 ng

RT: 14.34 min Scan# 1829

Delta R.T. -0.04 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

Instrument :

BNA_G

ClientSampleId :

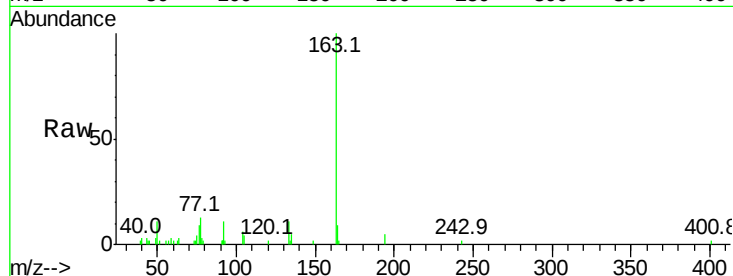
Tot Ion:163 Resp: 17663

Ion Ratio Lower Upper

163 100

194 5.3 3.8 5.6

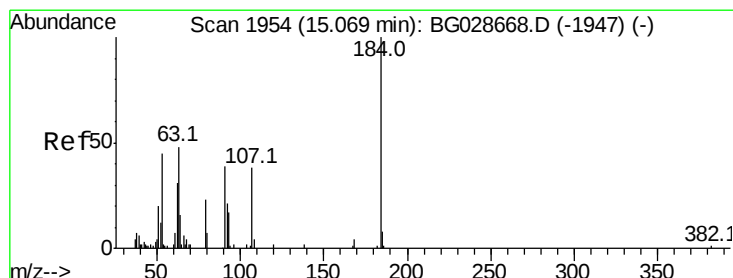
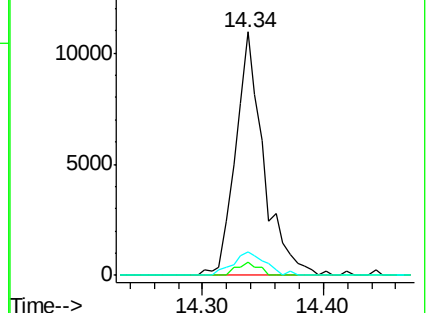
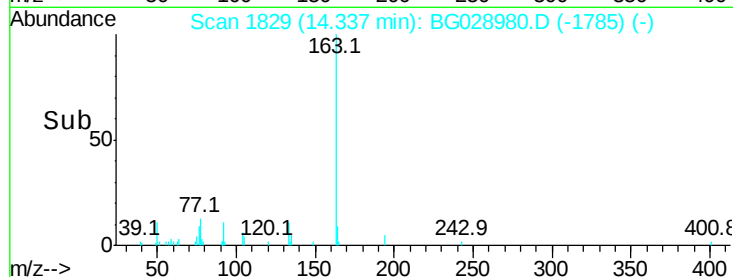
164 9.5 9.3 13.9



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: 8.050 ng

RT: 15.15 min Scan# 1968

Delta R.T. 0.09 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

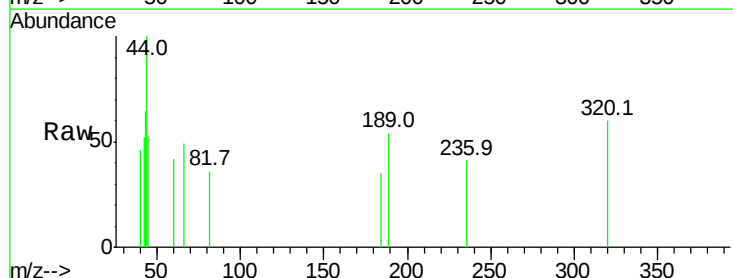
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

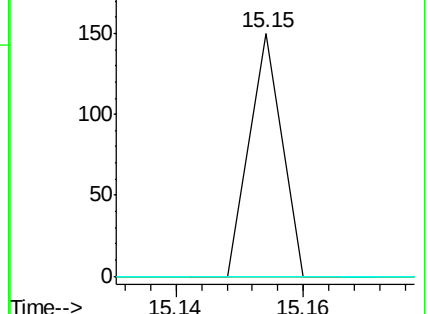
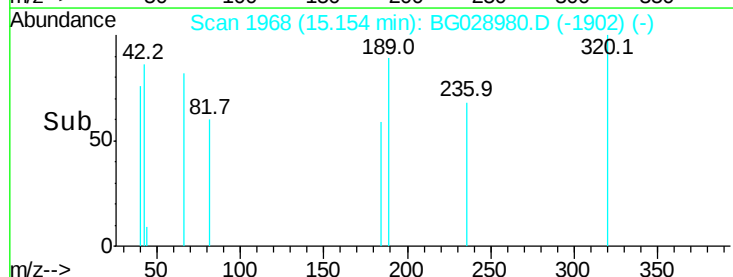
154 0.0 57.3 85.9#

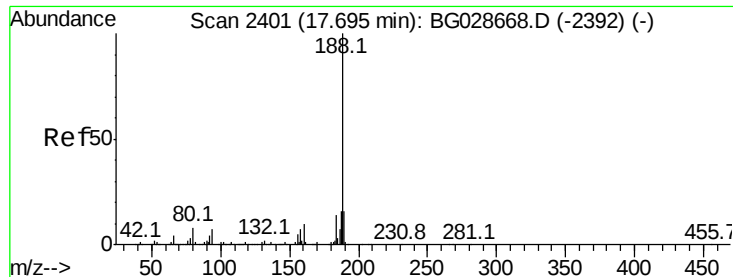


Abundance Ion 184.00 (183.70 to 184.70): E

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: 17.65 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

Instrument :

BNA_G

ClientSampleId :

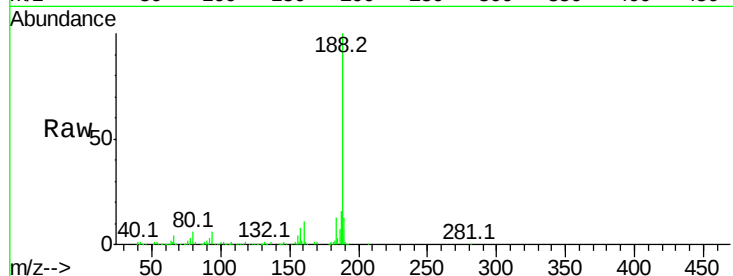
Tot Ion:188 Resp: 271056

Ion Ratio Lower Upper

188 100

94 5.8 5.8 8.8#

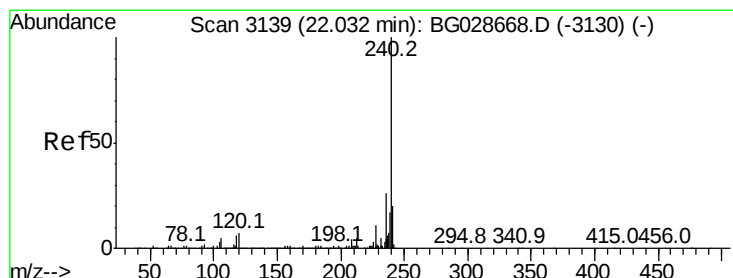
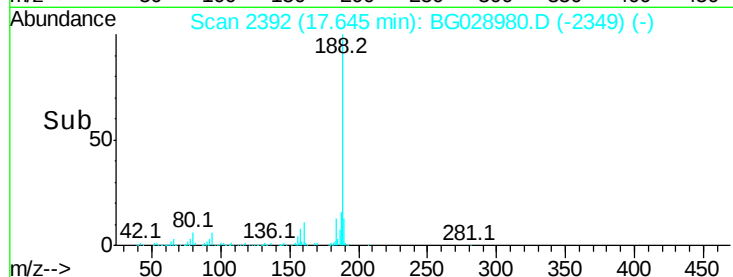
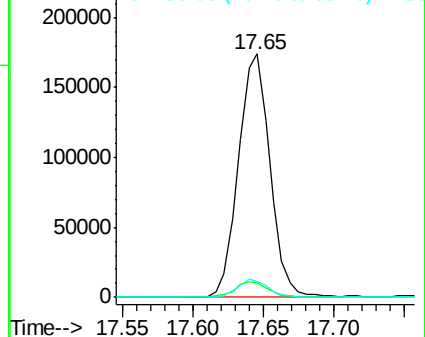
80 6.5 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

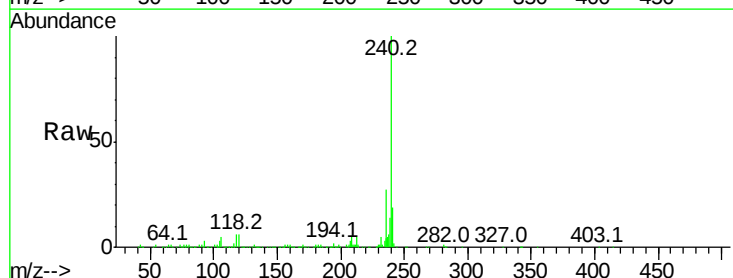
Tgt Ion:240 Resp: 319432

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

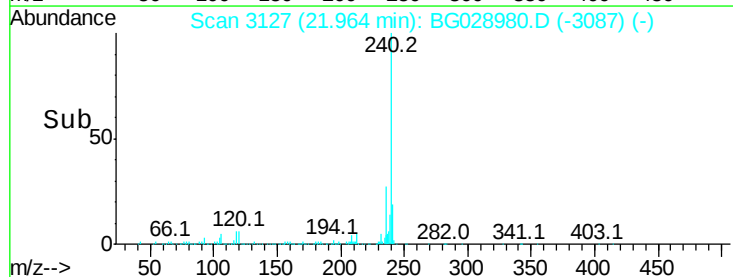
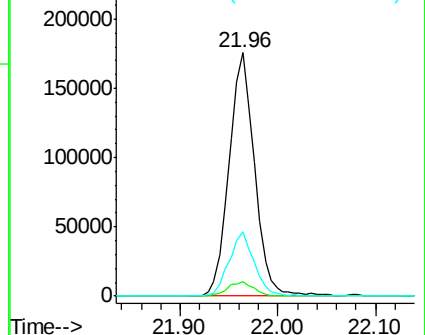
236 26.6 22.2 33.4

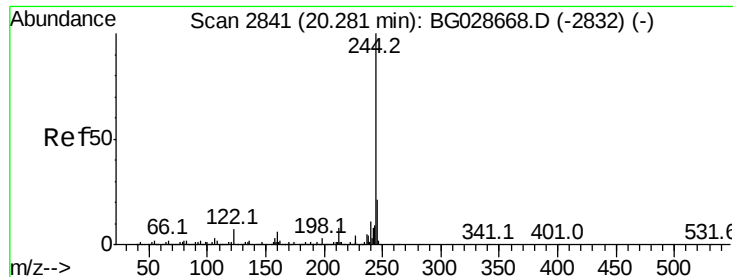


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.282 ng

RT: 20.23 min Scan# 2832

Delta R.T. -0.05 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

Instrument :

BNA_G

ClientSampled :

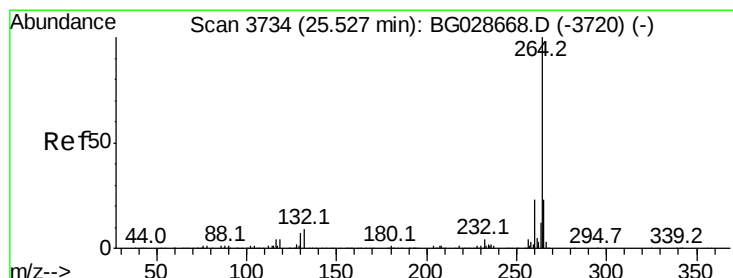
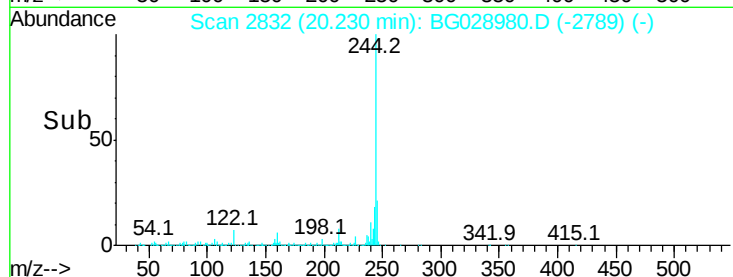
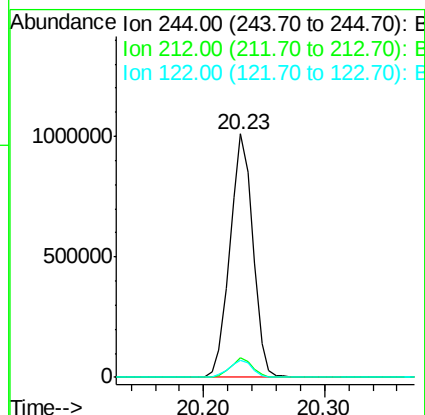
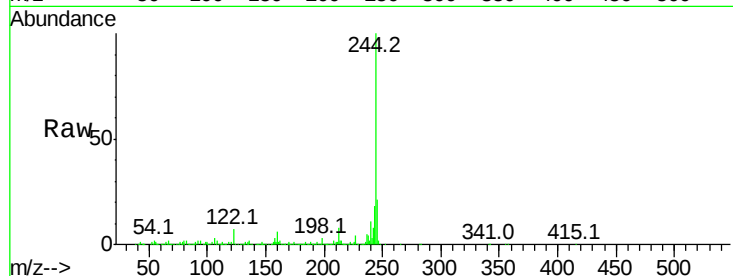
Tot Ion:244 Resp: 1337336

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

122 7.2 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028980.D

Acq: 29 Sep 2017 22:15

Tgt Ion:264 Resp: 326605

Ion Ratio Lower Upper

264 100

260 20.8 21.8 32.8#

265 20.6 18.2 27.4

