

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
 Data File : BG028787.D
 Acq On : 16 Sep 2017 5:22
 Operator : SJ/JU
 Sample : I5187-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 16 06:38:38 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

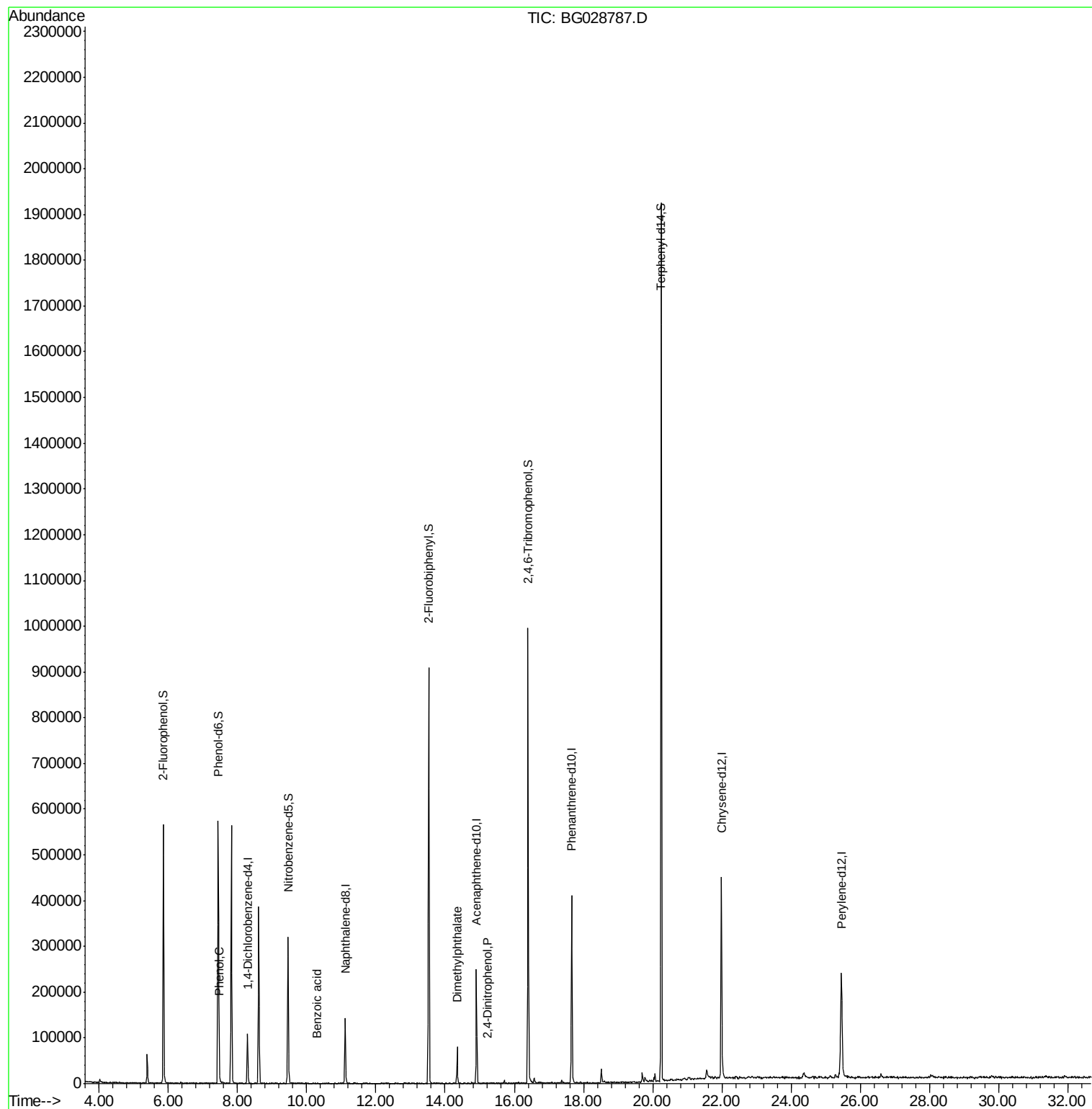
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30620	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	121821	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	92007	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	261773	20.00	ng	-0.03
75) Chrysene-d12	21.99	240	297958	20.00	ng	-0.05
86) Perylene-d12	25.45	264	305190	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	244458	131.73	ng	-0.05
7) Phenol-d6	7.44	99	341238	122.13	ng	-0.05
23) Nitrobenzene-d5	9.46	82	210365	82.61	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	218002	143.26	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	511777	74.17	ng	-0.03
78) Terphenyl-d14	20.25	244	918926	65.77	ng	-0.03
Target Compounds						
10) Phenol	7.47	94	8421	2.856	ng	Qvalue 86
32) Benzoic acid	10.30	122	80	6.131	ng	# 1
49) Dimethylphthalate	14.35	163	55844	7.238	ng	# 97
53) 2,4-Dinitrophenol	15.23	184	61	8.062	ng	# 15

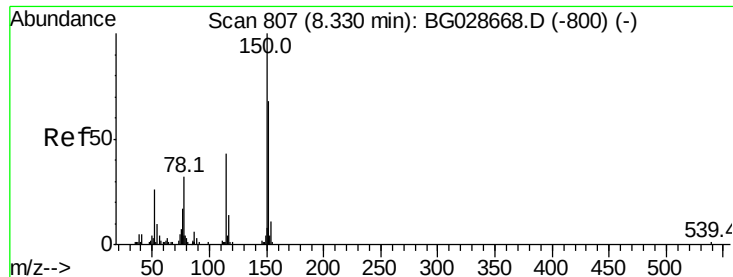
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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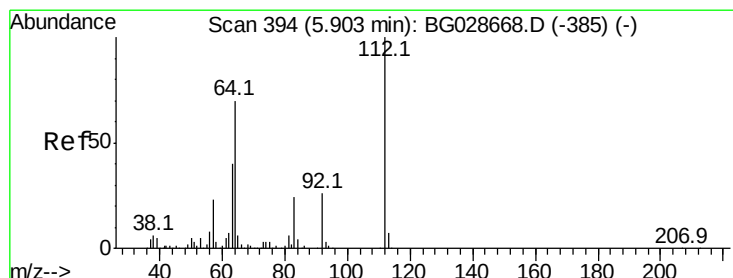
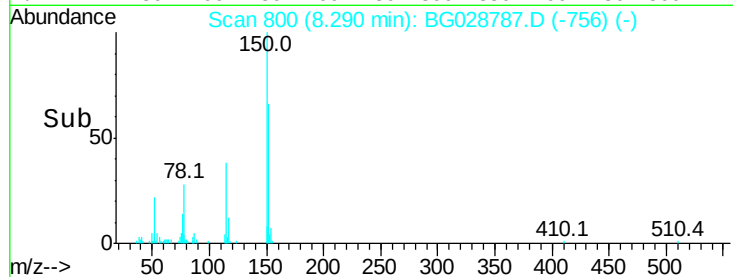
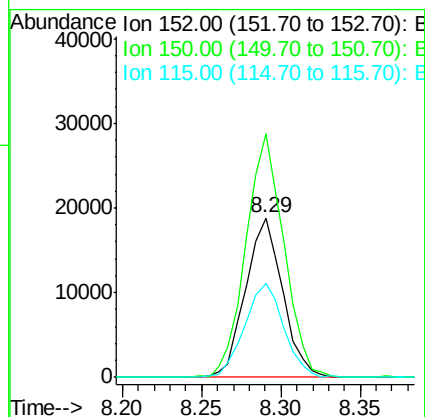
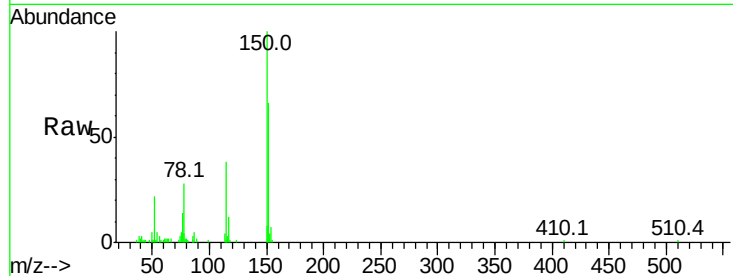


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028787.D
Acq: 16 Sep 2017 5:22

Instrument :
BNA_G
ClientSampleId :

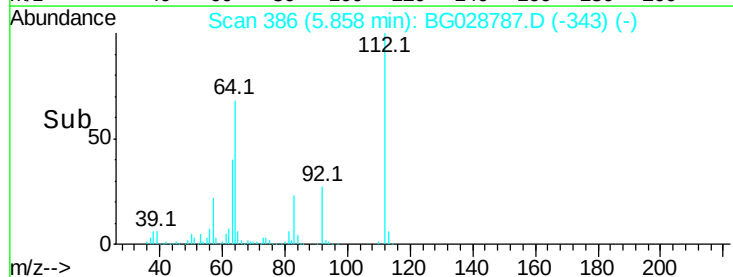
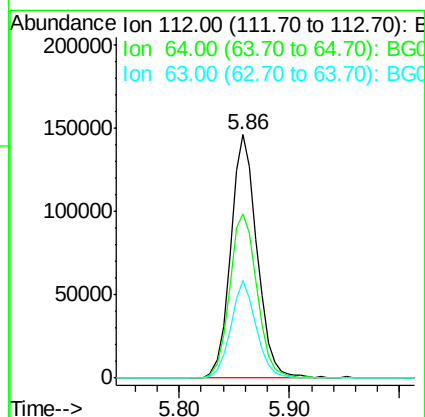
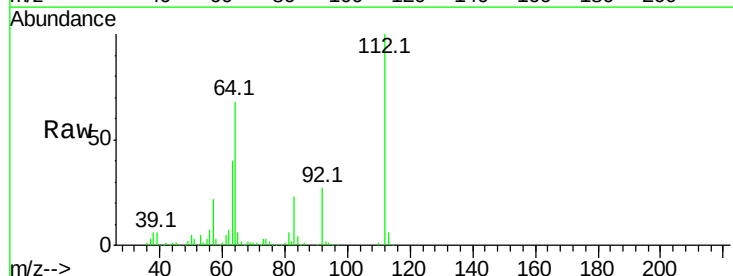
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	114.0	171.0
115	58.4	48.1	72.1

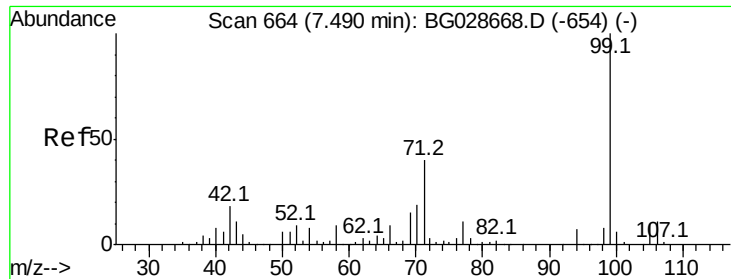


#5

2-Fluorophenol
Concen: 131.733 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028787.D
Acq: 16 Sep 2017 5:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	61.8	92.6
63	40.0	37.2	55.8





#7

Phenol-d6

Concen: 122.133 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampled :

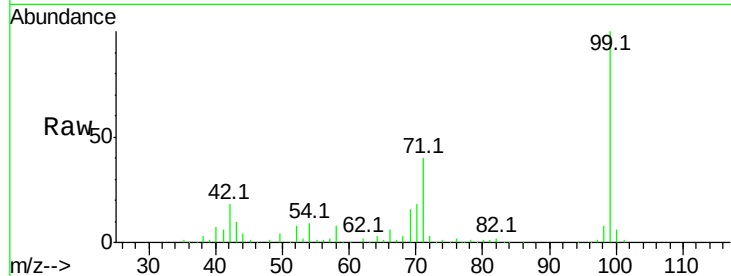
Tot Ion: 99 Resp: 341238

Ion Ratio Lower Upper

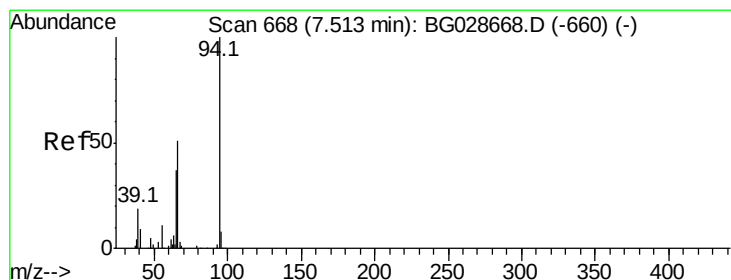
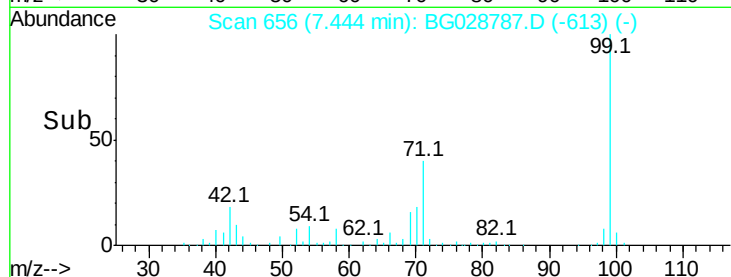
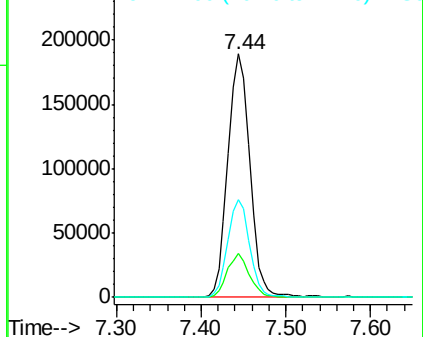
99 100

42 18.1 20.5 30.7#

71 40.1 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



#10

Phenol

Concen: 2.856 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

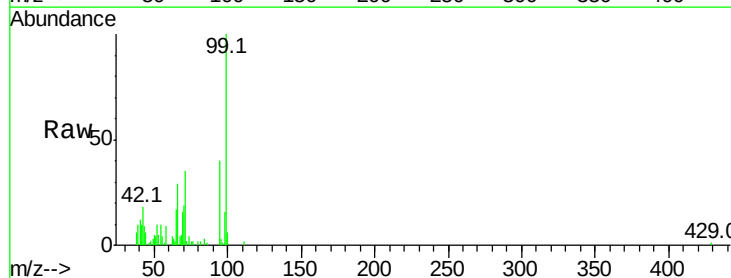
Tgt Ion: 94 Resp: 8421

Ion Ratio Lower Upper

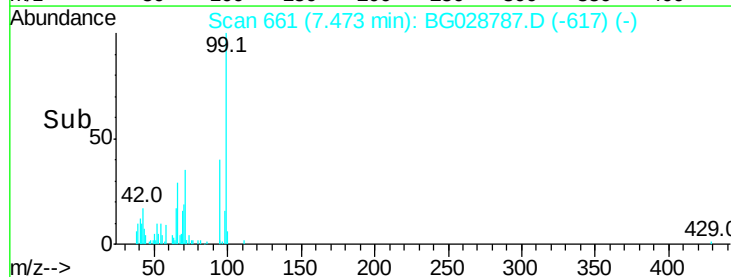
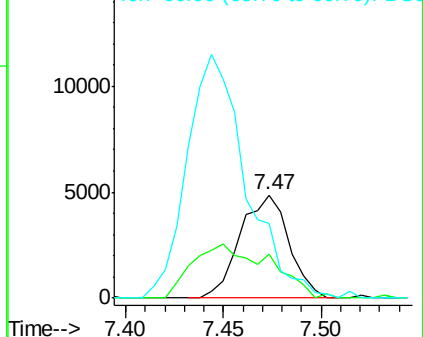
94 100

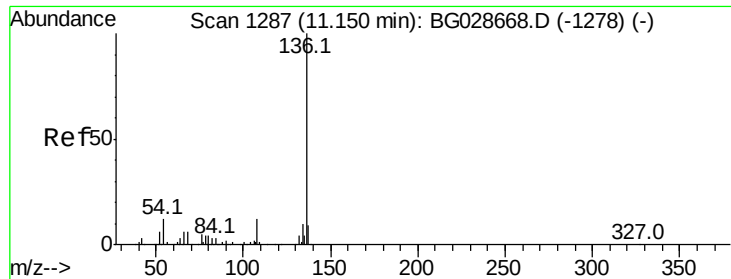
65 42.1 20.6 60.6

66 71.9 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

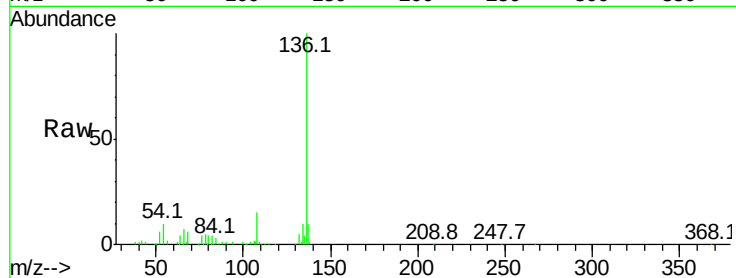




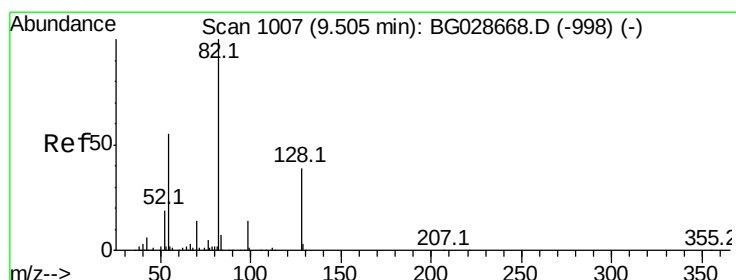
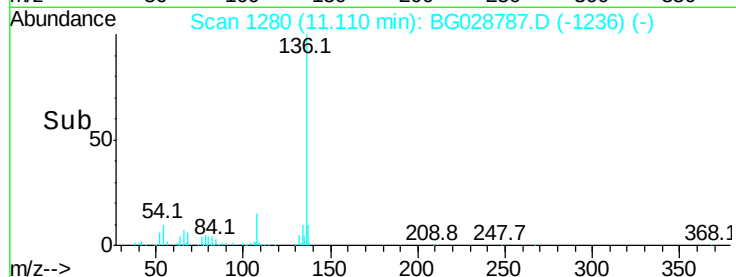
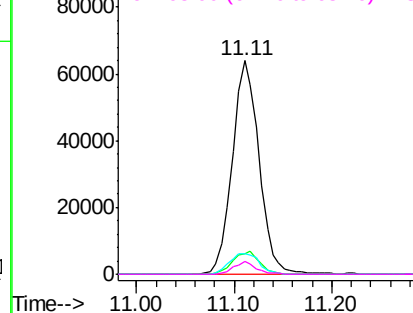
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028787.D
Acq: 16 Sep 2017 5:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	121821
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	9.5	9.3	13.9
68	5.8	5.1	7.7

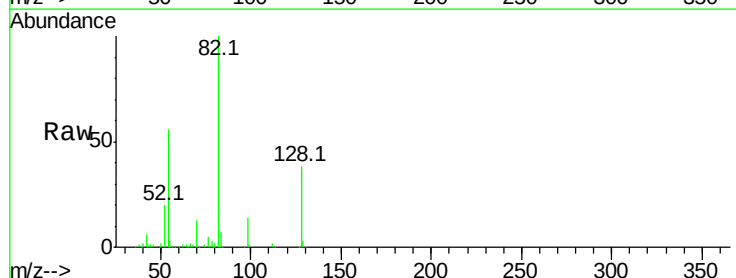


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

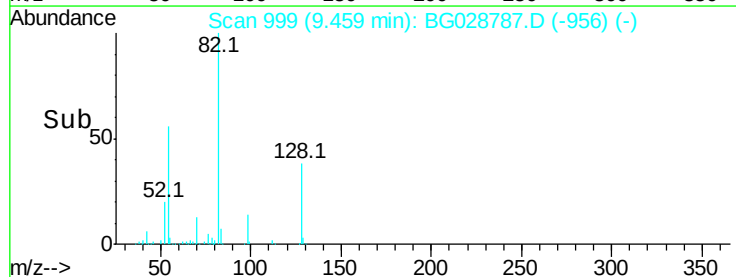
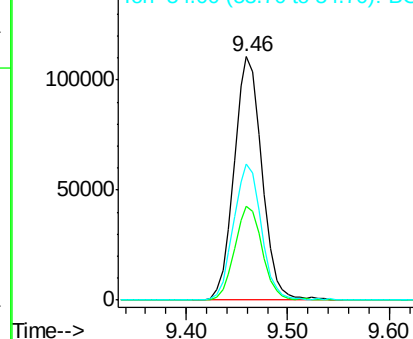


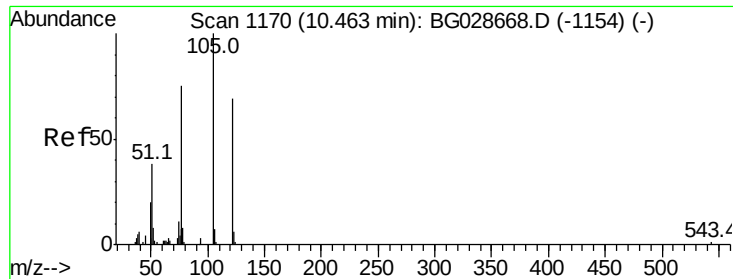
#23
Nitrobenzene-d5
Concen: 82.607 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028787.D
Acq: 16 Sep 2017 5:22

Tgt Ion:	82	Resp:	210365
Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	56.1	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: 6.131 ng

RT: 10.30 min Scan# 1142

Delta R.T. -0.16 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampleId :

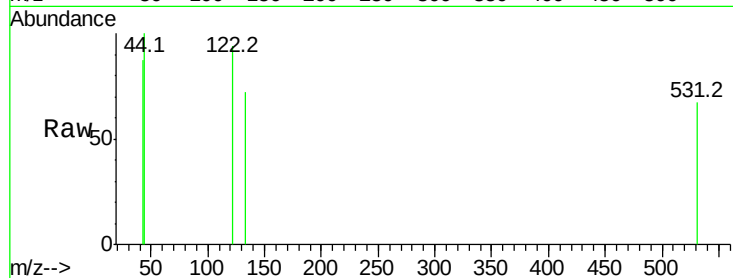
Tot Ion:122 Resp: 80

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

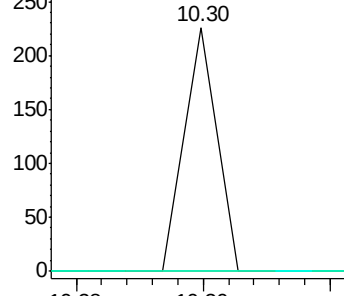
77 0.0 104.6 144.6#



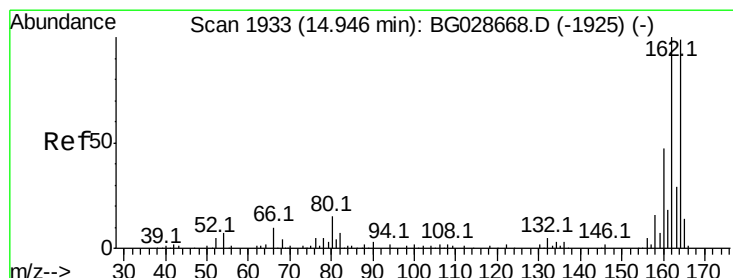
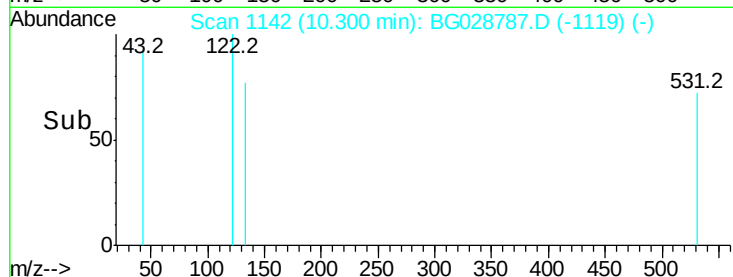
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

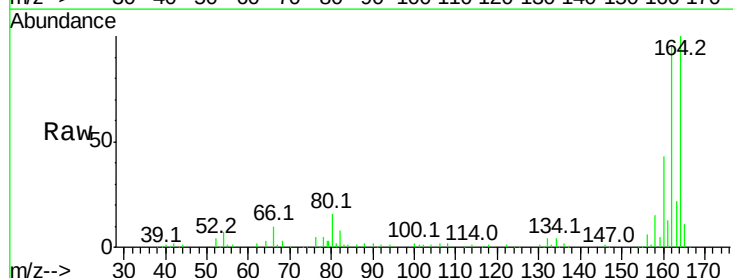
Tgt Ion:164 Resp: 92007

Ion Ratio Lower Upper

164 100

162 95.5 85.1 127.7

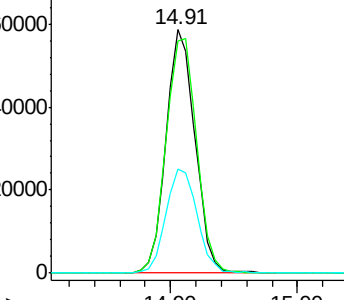
160 42.5 34.7 52.1



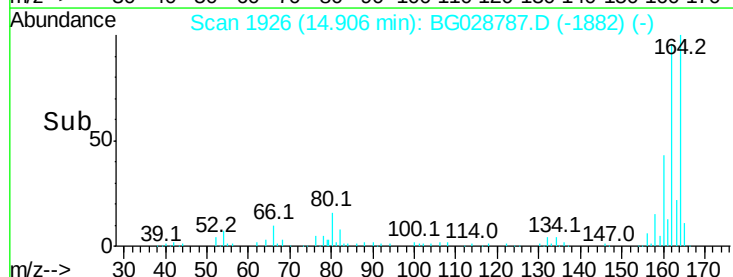
Abundance Ion 164.00 (163.70 to 164.70): E

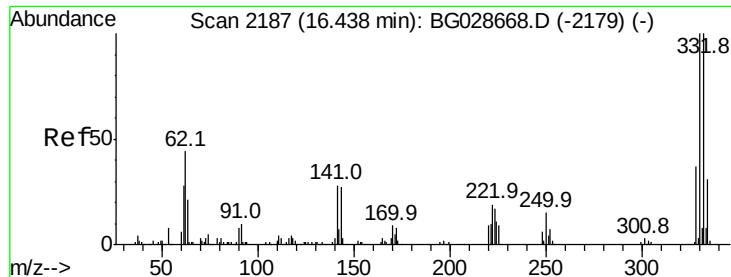
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

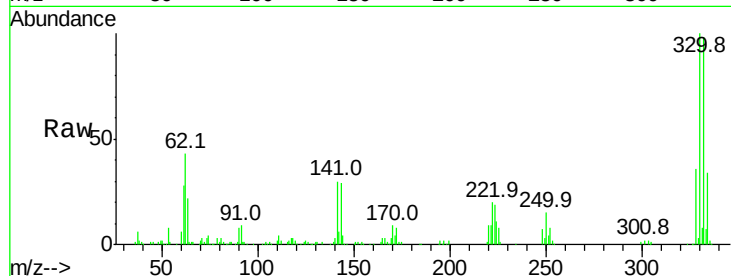




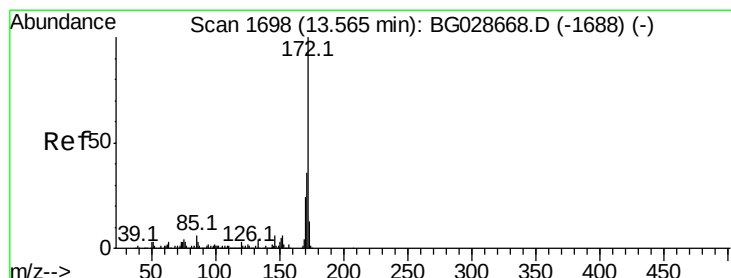
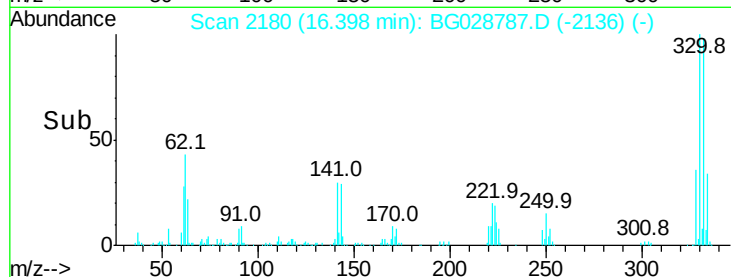
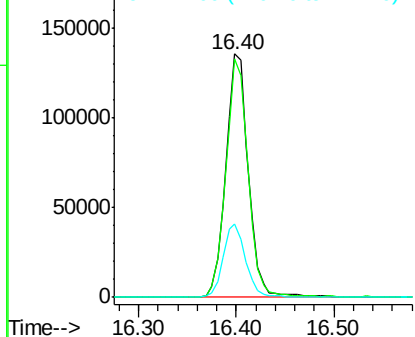
#41
 2,4,6-Tribromophenol
 Concen: 143.258 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028787.D
 Acq: 16 Sep 2017 5:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	30.0	32.1	48.1#

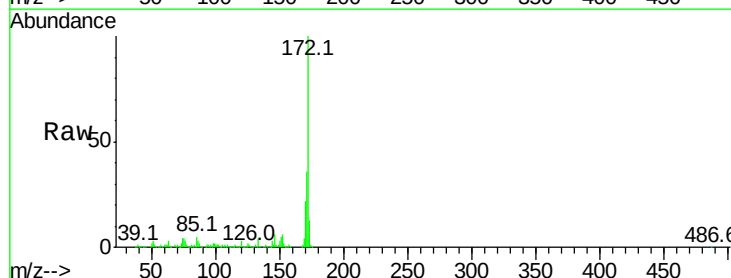


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

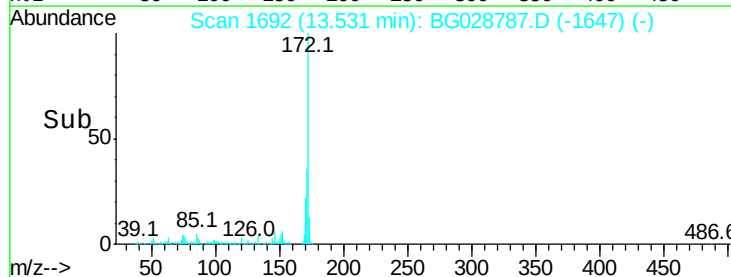
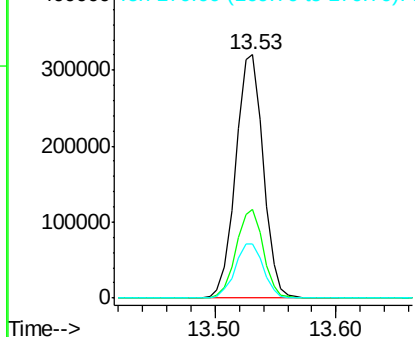


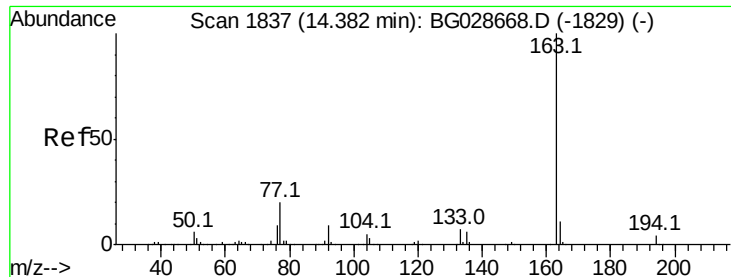
#44
 2-Fluorobiphenyl
 Concen: 74.170 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.03 min
 Lab File: BG028787.D
 Acq: 16 Sep 2017 5:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	32.2	48.2
170	22.4	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: 7.238 ng

RT: 14.35 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampleId :

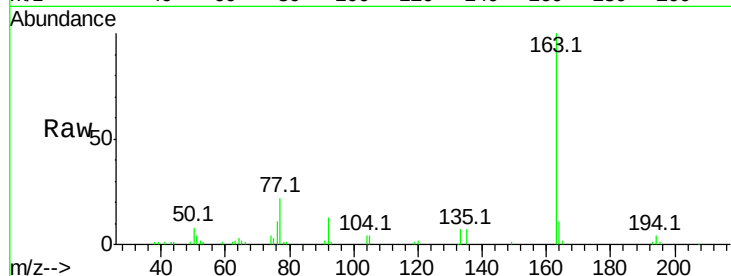
Tot Ion:163 Resp: 55844

Ion Ratio Lower Upper

163 100

194 3.7 3.8 5.6#

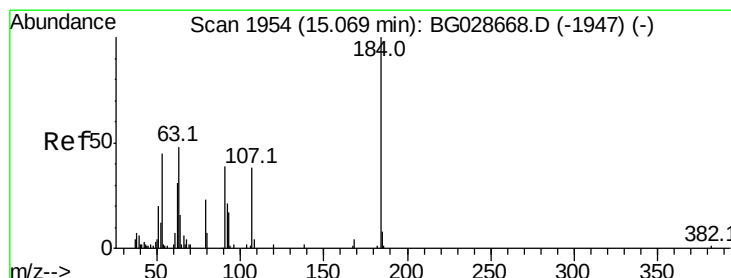
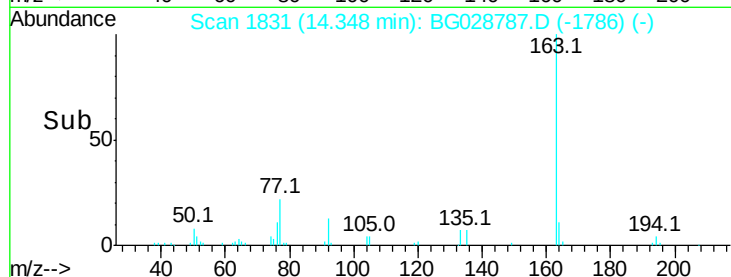
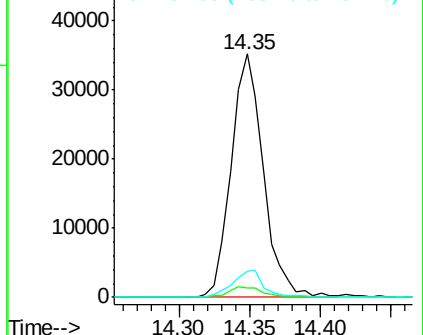
164 10.5 9.3 13.9



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: 8.062 ng

RT: 15.23 min Scan# 1981

Delta R.T. 0.16 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

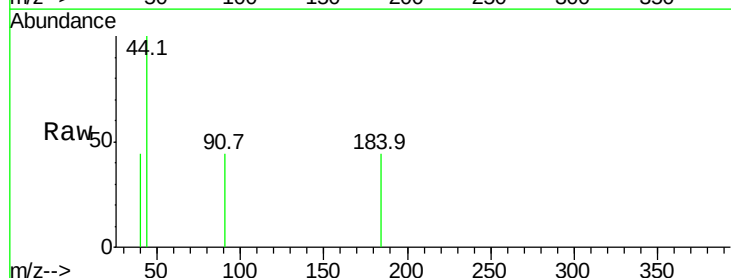
Tgt Ion:184 Resp: 61

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

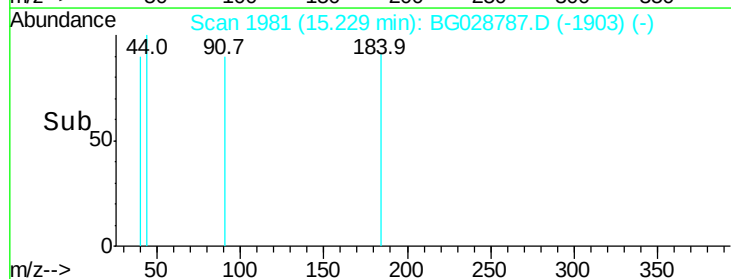
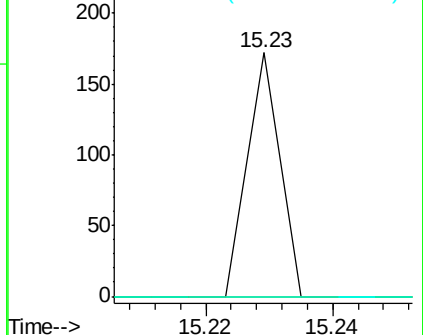
154 0.0 57.3 85.9#

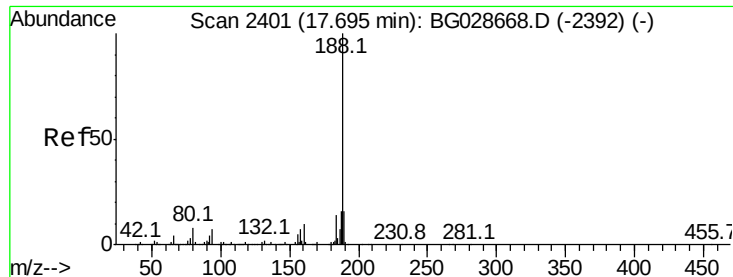


Abundance Ion 184.00 (183.70 to 184.70): E

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: 17.66 min Scan# 2395

Delta R.T. -0.03 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampleId :

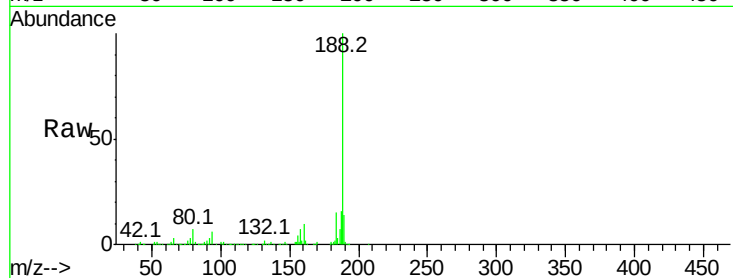
Tot Ion:188 Resp: 261773

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

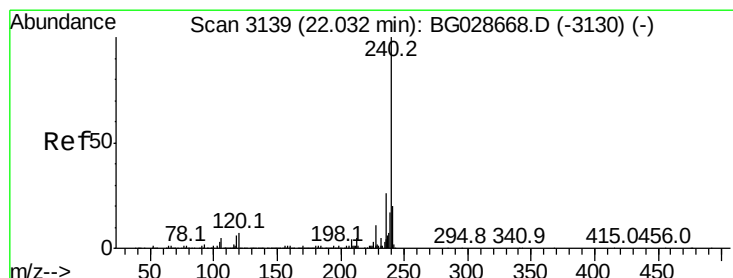
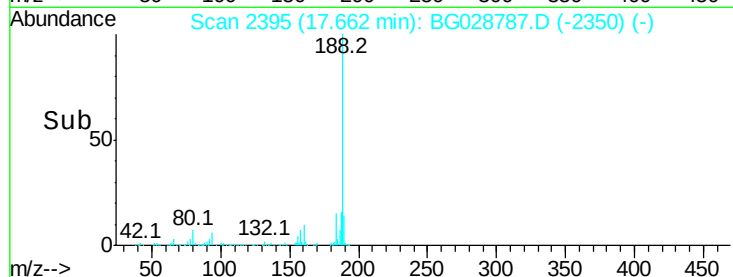
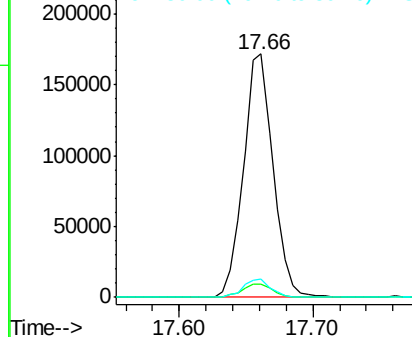
80 7.4 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.99 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

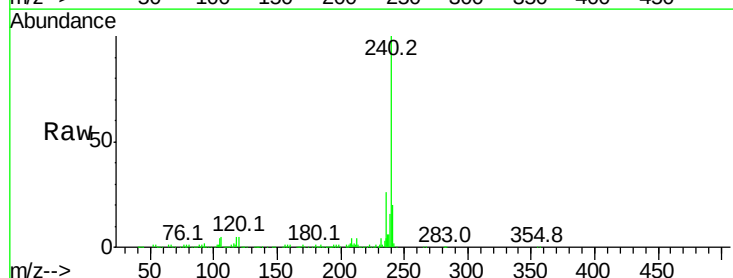
Tgt Ion:240 Resp: 297958

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

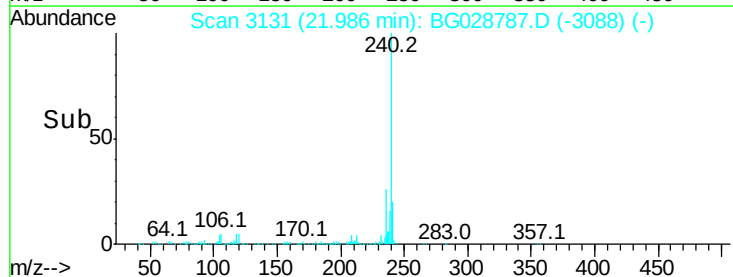
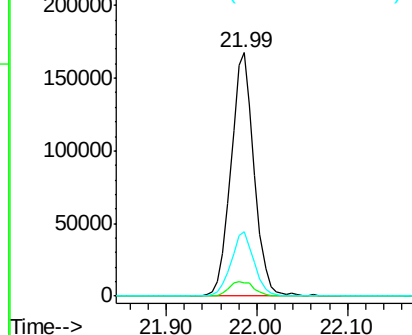
236 26.3 22.2 33.4

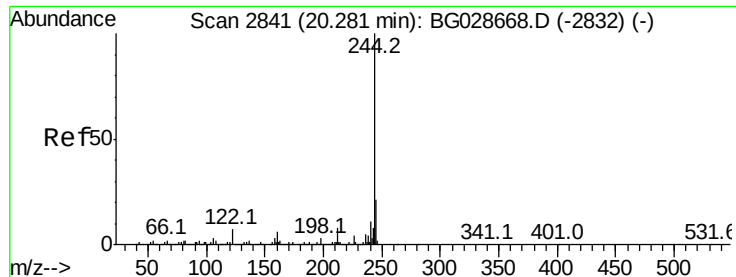


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.770 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Instrument :

BNA_G

ClientSampleId :

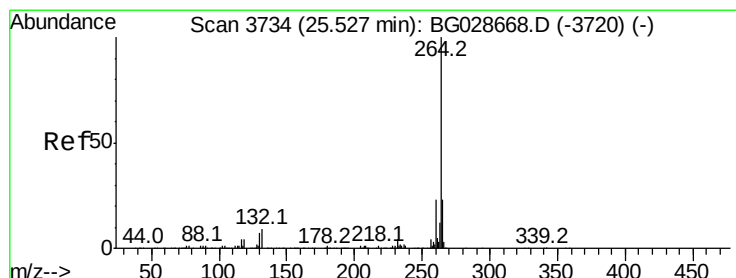
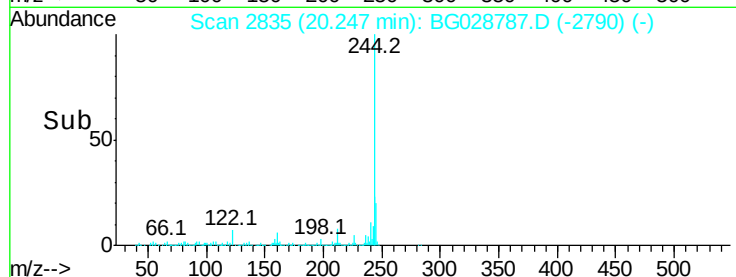
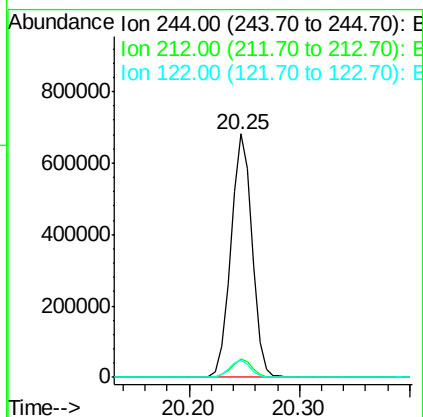
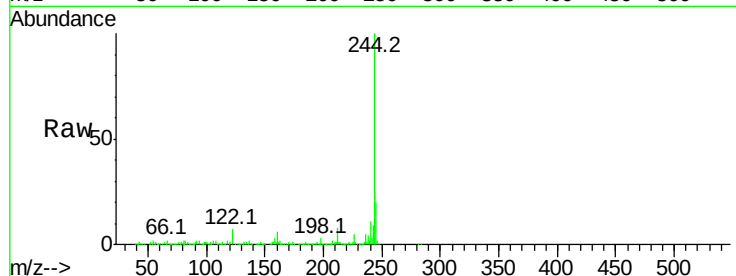
Tot Ion:244 Resp: 918926

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 6.9 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028787.D

Acq: 16 Sep 2017 5:22

Tgt Ion:264 Resp: 305190

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 20.4 18.2 27.4

