

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028801.D
 Acq On : 18 Sep 2017 19:00
 Operator : SJ/JU
 Sample : I5259-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 01:11:37 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

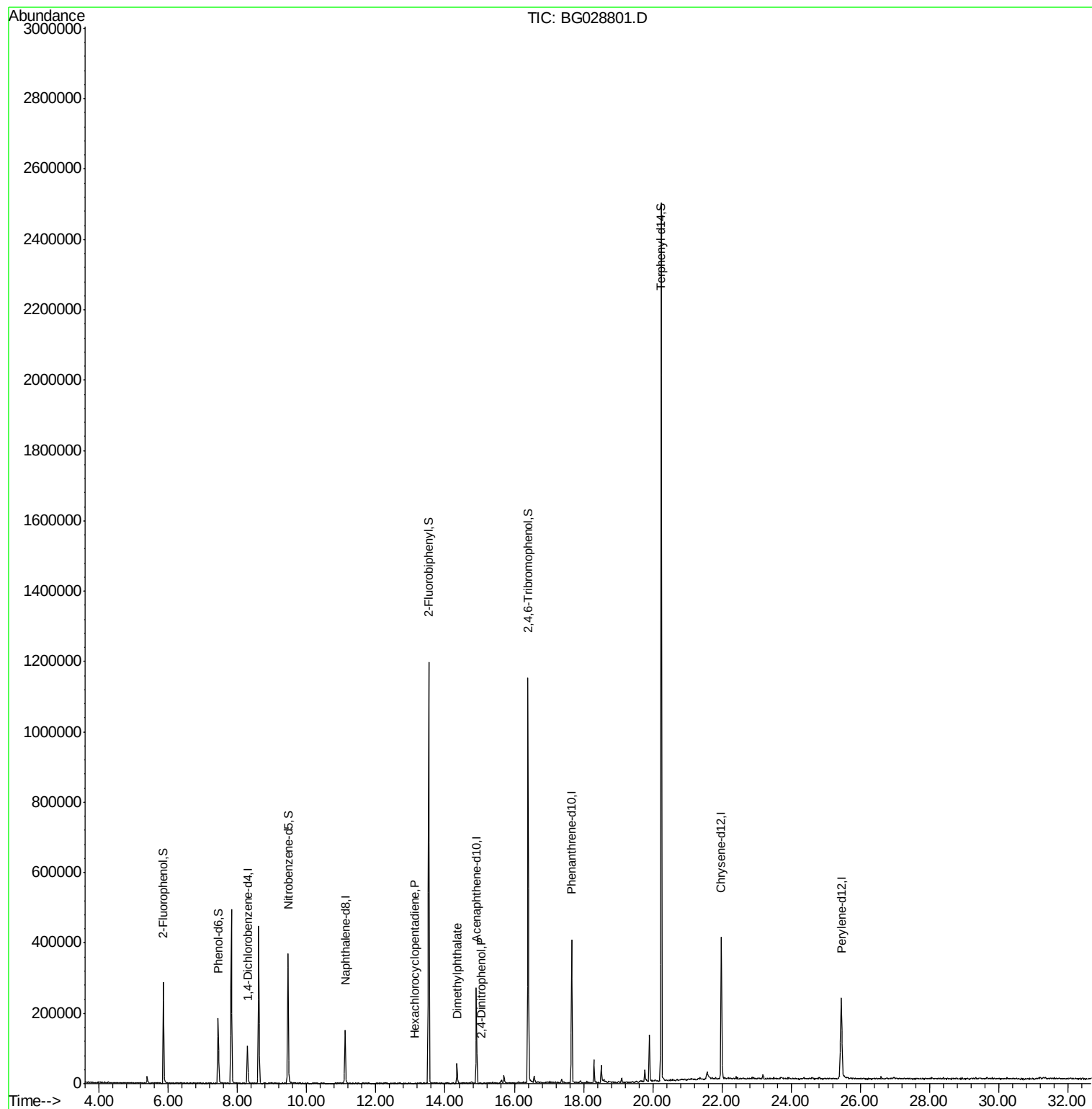
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30179	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	129785	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	95661	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	269752	20.00	ng	-0.03
75) Chrysene-d12	21.98	240	290667	20.00	ng	-0.05
86) Perylene-d12	25.45	264	305847	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	122798	67.14	ng	-0.05
7) Phenol-d6	7.44	99	115192	41.83	ng	-0.05
23) Nitrobenzene-d5	9.46	82	243168	89.63	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	247628	156.51	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	639634	89.16	ng	-0.04
78) Terphenyl-d14	20.25	244	1140972	83.71	ng	-0.03
Target Compounds						
40) Hexachlorocyclopentadiene	13.14	237	90	7.66	ng	# 29
49) Dimethylphthalate	14.35	163	39963	4.98	ng	# 91
53) 2,4-Dinitrophenol	15.03	184	58	8.06	ng	# 15

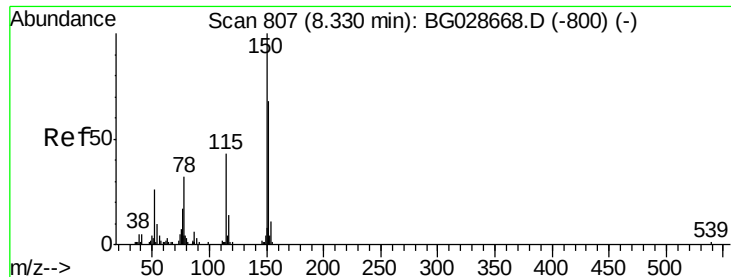
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028801.D

Acq: 18 Sep 2017 19:00

Instrument :

BNA_G

ClientSampleId :

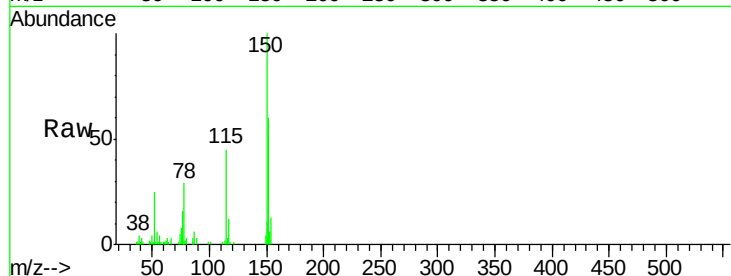
Tot Ion:152 Resp: 30179

Ion Ratio Lower Upper

152 100

150 167.1 114.0 171.0

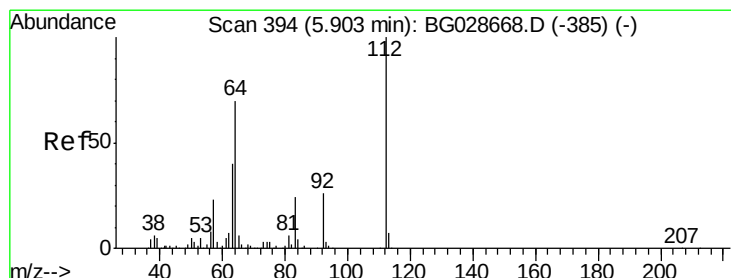
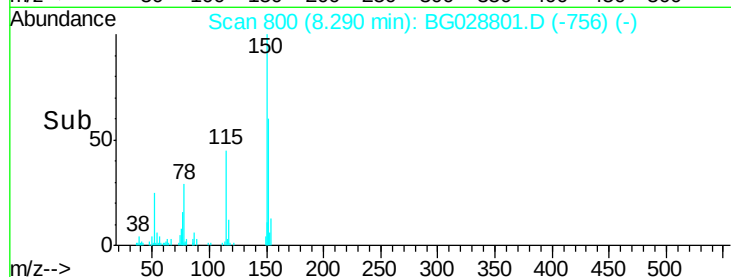
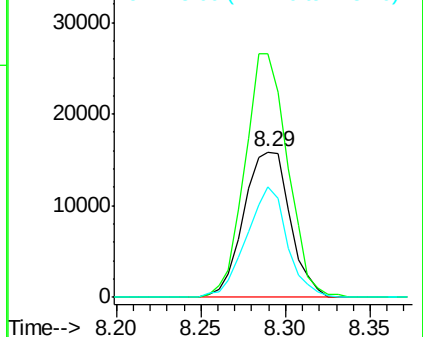
115 75.9 48.1 72.1#



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: 67.14 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028801.D

Acq: 18 Sep 2017 19:00

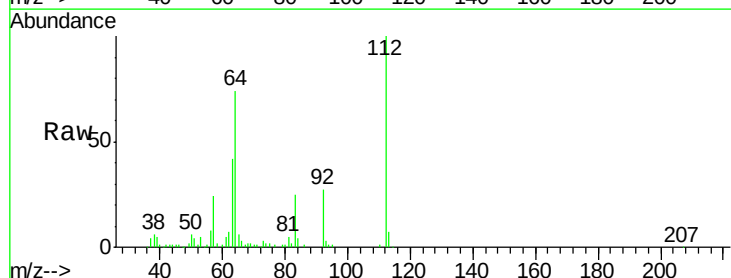
Tgt Ion:112 Resp: 122798

Ion Ratio Lower Upper

112 100

64 74.4 61.8 92.6

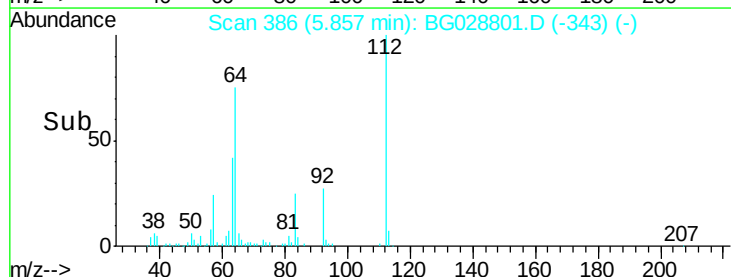
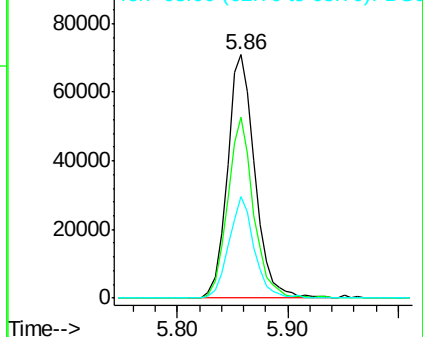
63 41.9 37.2 55.8

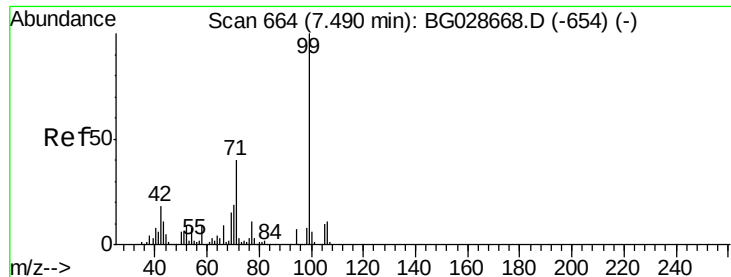


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.83 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028801.D

Acq: 18 Sep 2017 19:00

Instrument :

BNA_G

ClientSampleId :

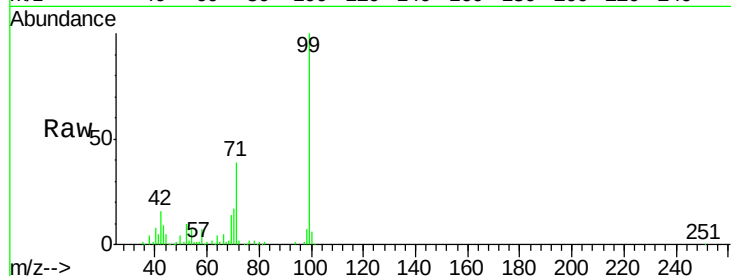
Tot Ion: 99 Resp: 115192

Ion Ratio Lower Upper

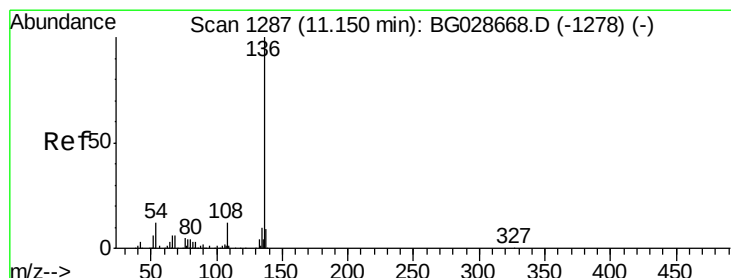
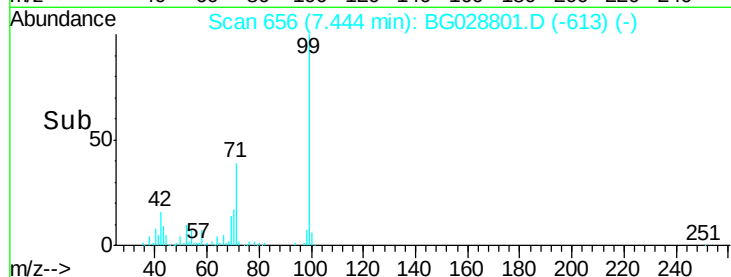
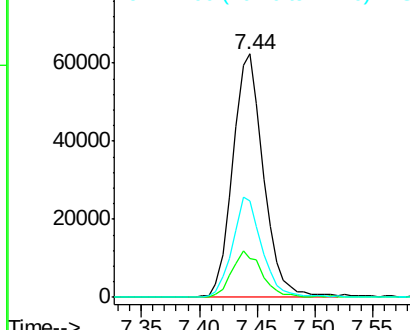
99 100

42 16.1 20.5 30.7#

71 39.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028801.D

Acq: 18 Sep 2017 19:00

Tgt Ion: 136 Resp: 129785

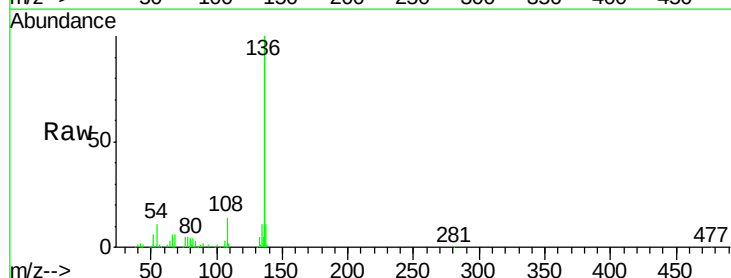
Ion Ratio Lower Upper

136 100

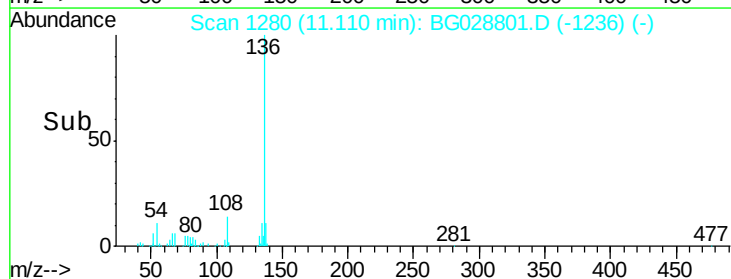
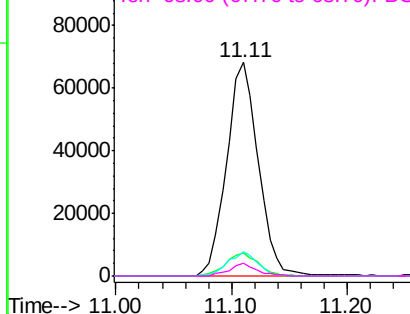
137 10.6 8.9 13.3

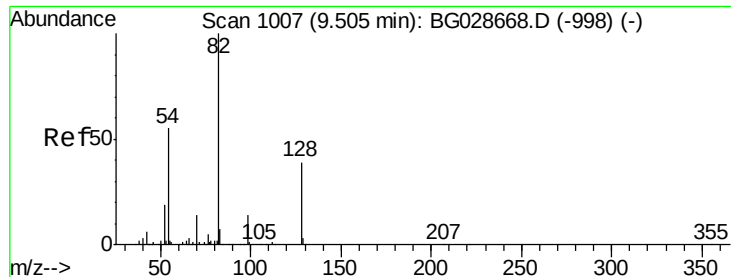
54 11.4 9.3 13.9

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

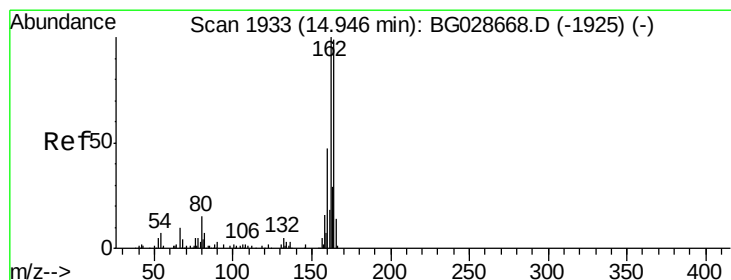
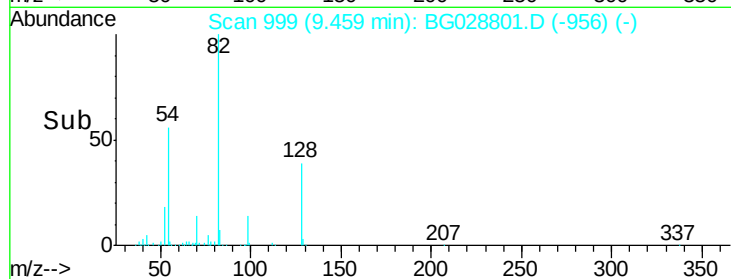
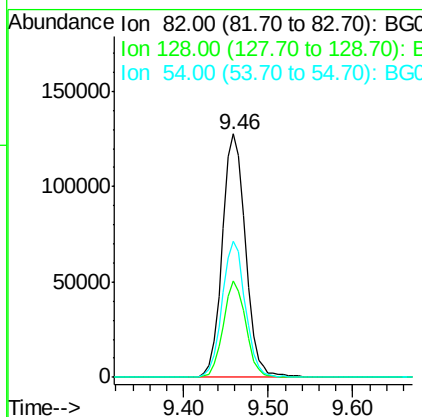
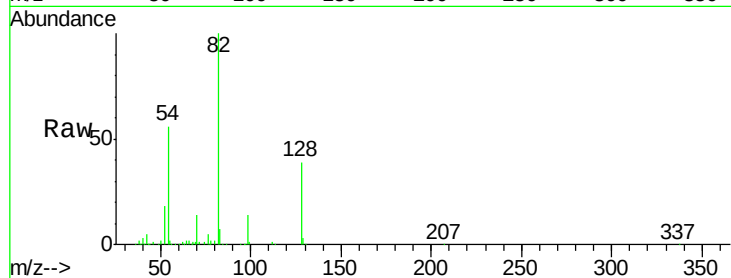




#23
 Nitrobenzene-d5
 Concen: 89.63 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028801.D
 Acq: 18 Sep 2017 19:00

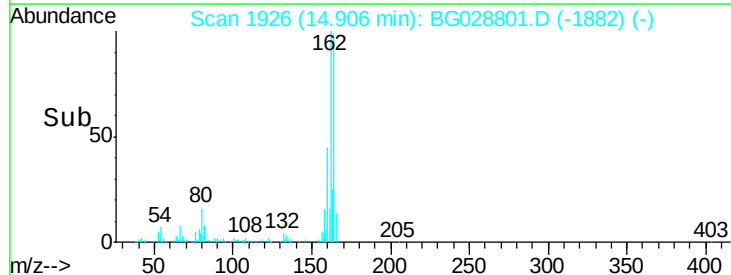
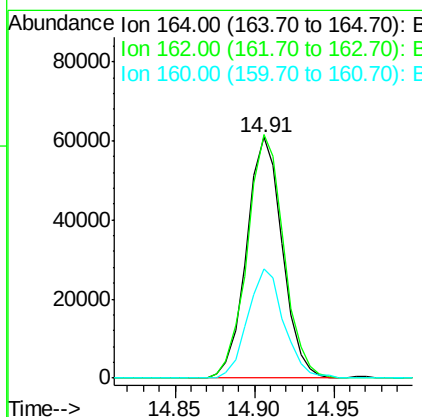
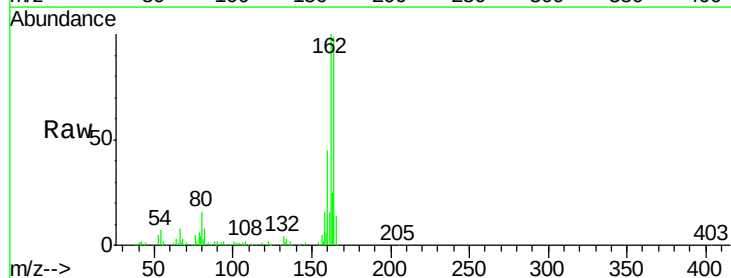
Instrument :
 BNA_G
 ClientSampleId :

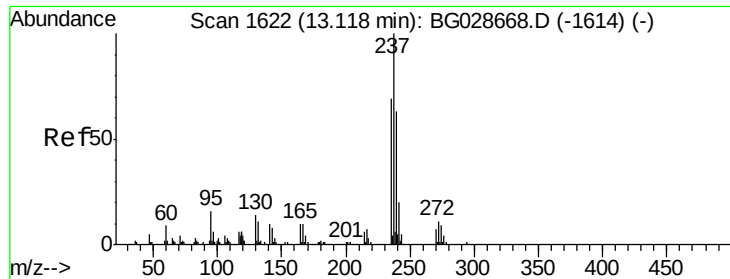
Tot Ion	82	Resp	243168
Ion	Ratio	Lower	Upper
82	100		
128	39.4	26.4	39.6
54	55.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028801.D
 Acq: 18 Sep 2017 19:00

Tgt Ion	164	Resp	95661
Ion	Ratio	Lower	Upper
164	100		
162	101.2	85.1	127.7
160	45.6	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 7.66 ng

RT: 13.14 min Scan# 1625

Delta R.T. 0.02 min

Lab File: BG028801.D

Acq: 18 Sep 2017 19:00

Instrument :

BNA_G

ClientSampleId :

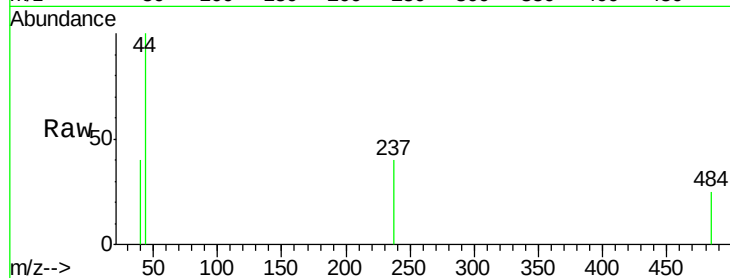
Tot Ion:237 Resp: 90

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

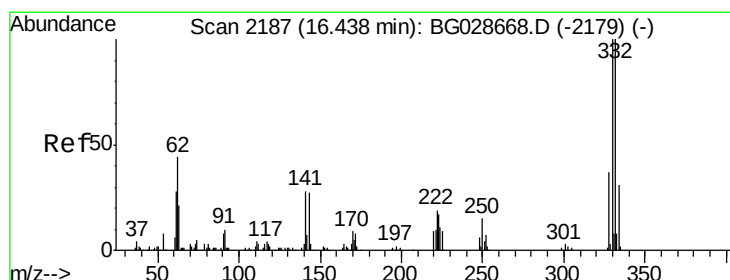
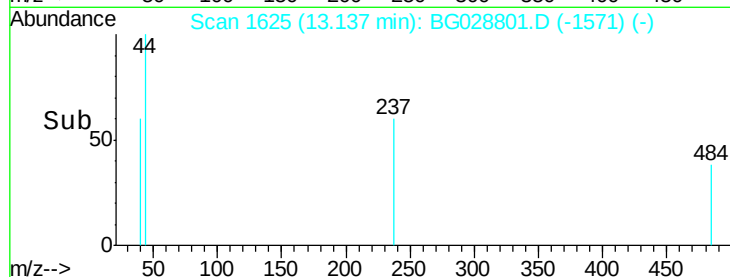
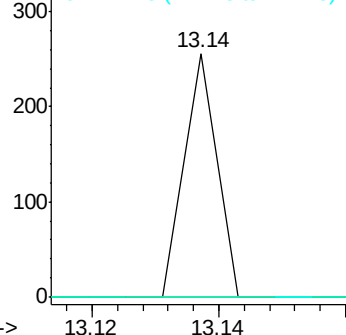
272 0.0 0.0 32.0



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: 156.51 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028801.D

Acq: 18 Sep 2017 19:00

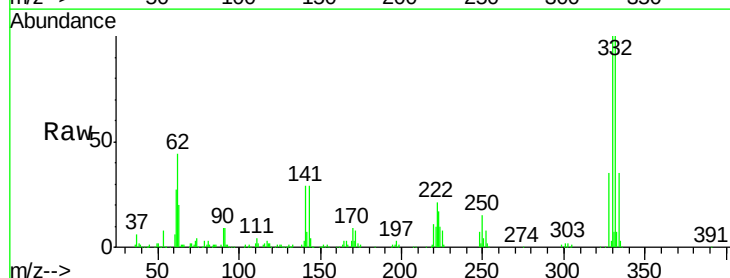
Tgt Ion:330 Resp: 247628

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

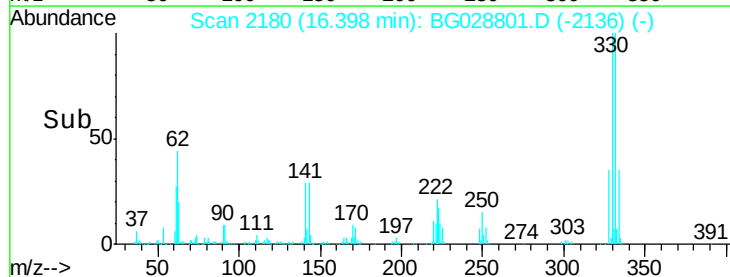
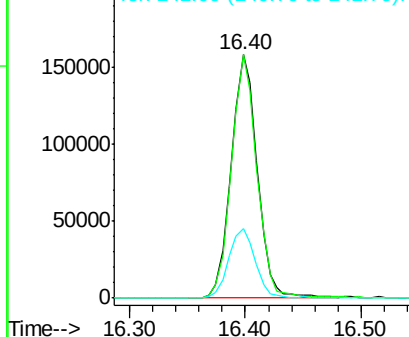
141 29.2 32.1 48.1#

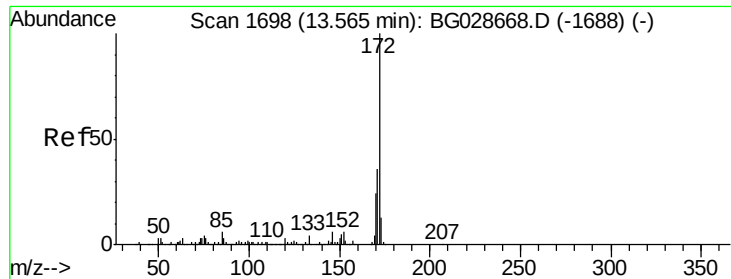


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

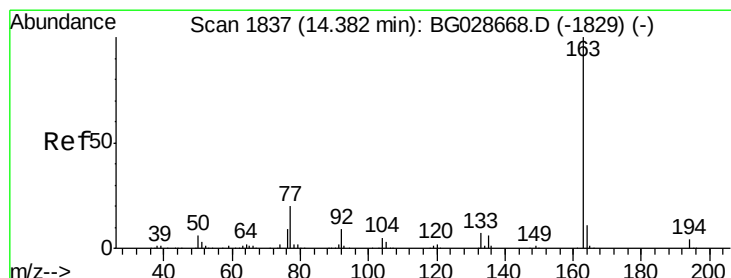
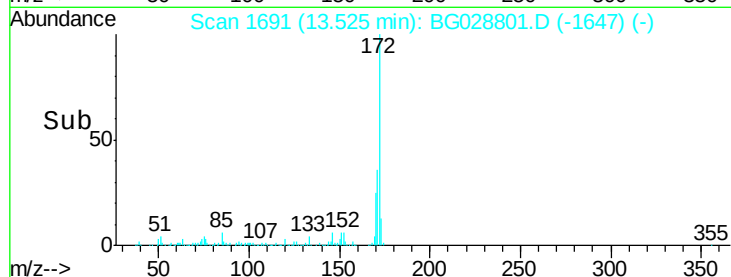
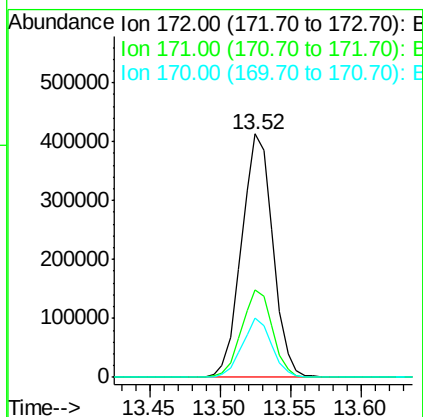
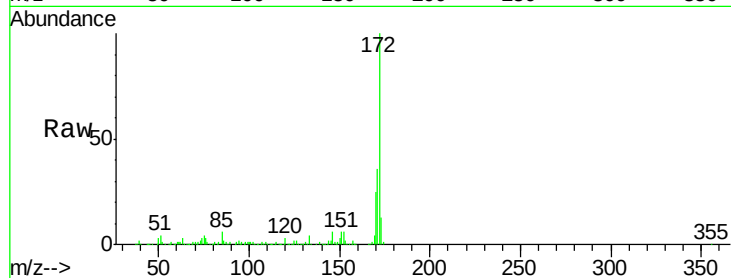




#44
2-Fluorobiphenyl
Concen: 89.16 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

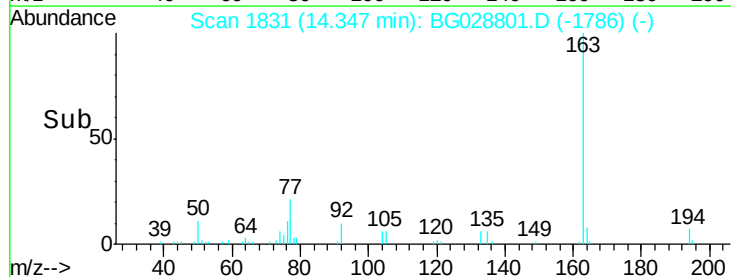
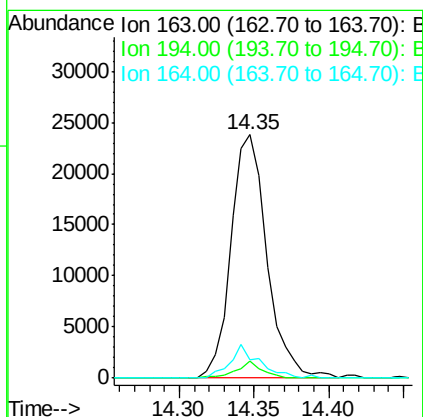
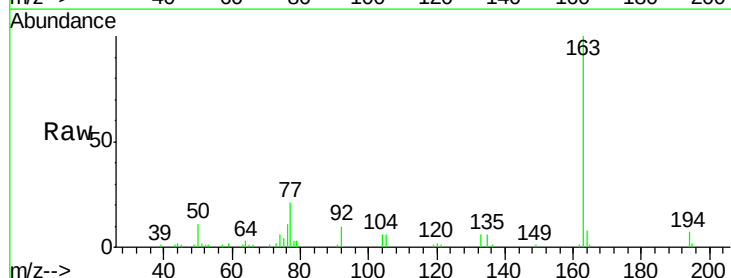
Instrument :
BNA_G
ClientSampled :

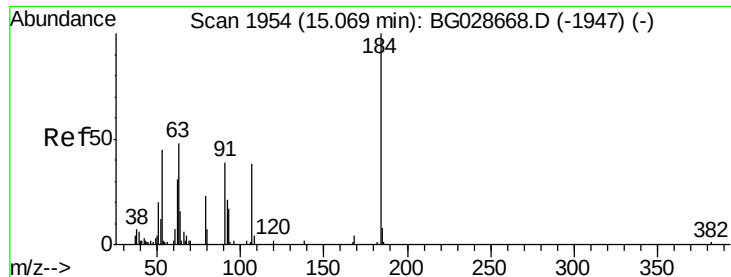
Tot Ion:172 Resp: 639634
Ion Ratio Lower Upper
172 100
171 36.1 32.2 48.2
170 24.6 21.8 32.6



#49
Dimethylphthalate
Concen: 4.98 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Tgt Ion:163 Resp: 39963
Ion Ratio Lower Upper
163 100
194 7.0 3.8 5.6#
164 7.6 9.3 13.9#

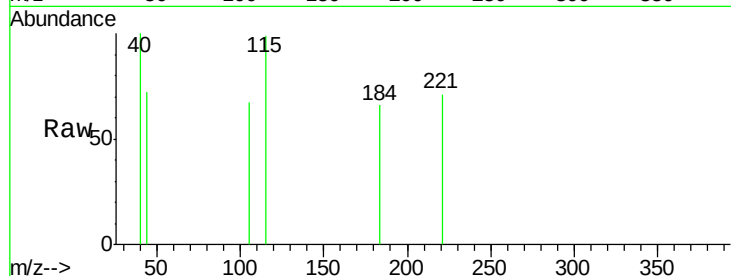




#53
 2,4-Dinitrophenol
 Concen: 8.06 ng
 RT: 15.03 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: BG028801.D
 Acq: 18 Sep 2017 19:00

Instrument :
 BNA_G
 ClientSampleId :

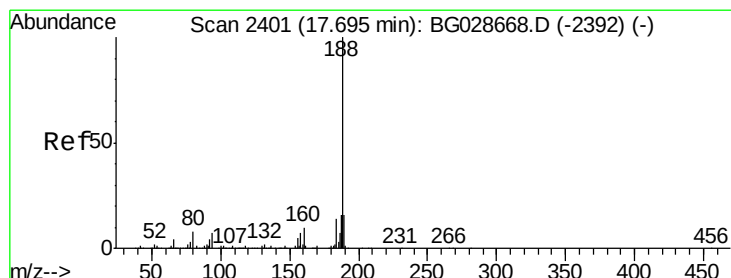
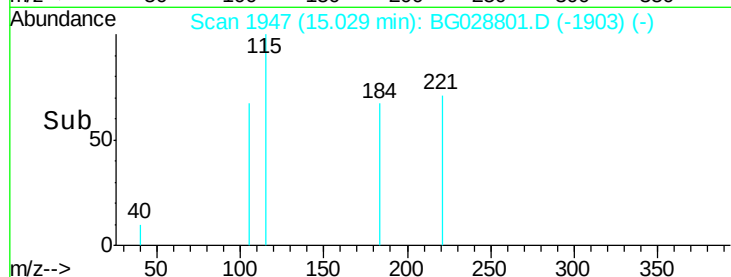
Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

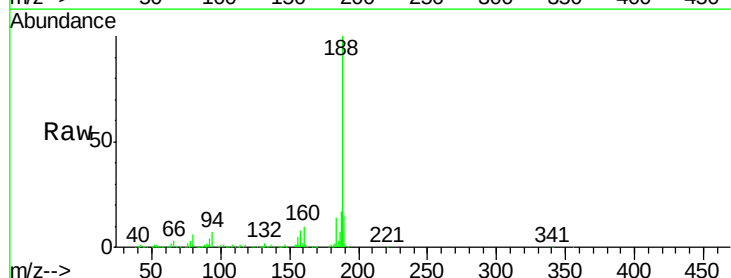
15.03

Time-->



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.66 min Scan# 2395
 Delta R.T. -0.03 min
 Lab File: BG028801.D
 Acq: 18 Sep 2017 19:00

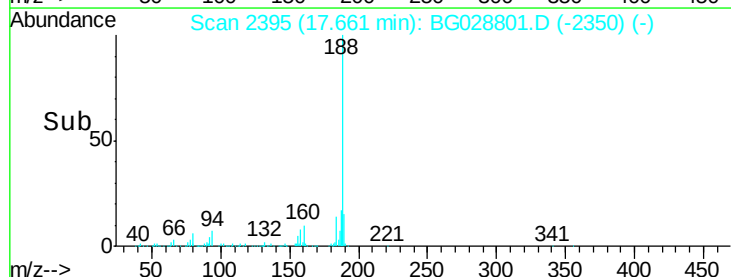
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	6.5	7.5	11.3#

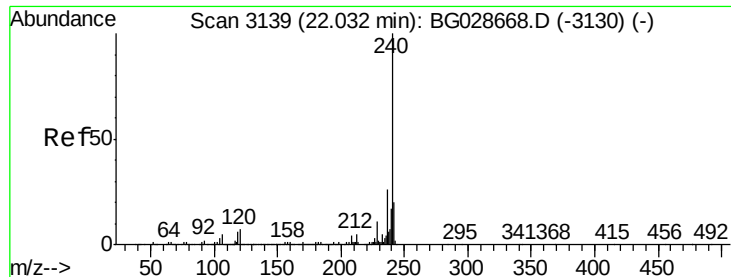


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

17.66

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3130

Delta R.T. -0.05 min

Lab File: BG028801.D

Acq: 18 Sep 2017 19:00

Instrument :

BNA_G

ClientSampleId :

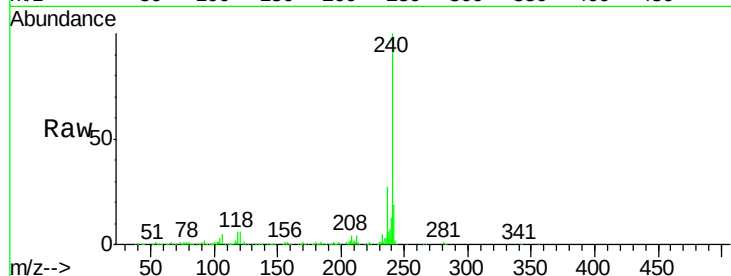
Tot Ion:240 Resp: 290667

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

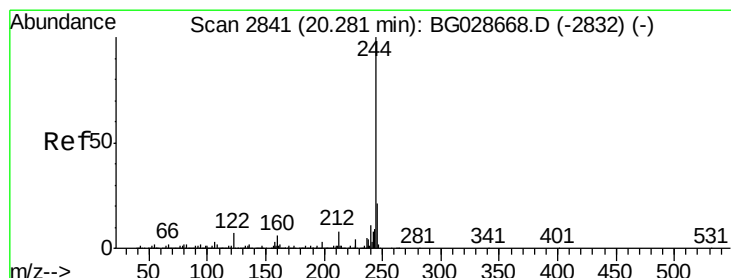
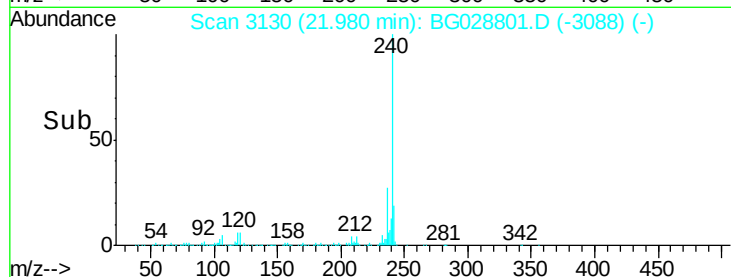
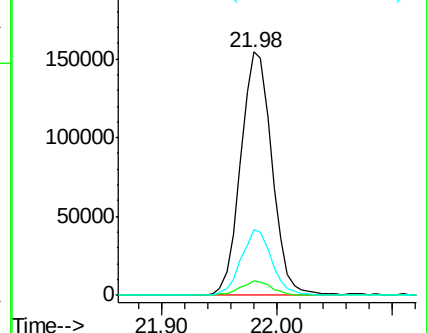
236 26.8 22.2 33.4



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: 83.71 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028801.D

Acq: 18 Sep 2017 19:00

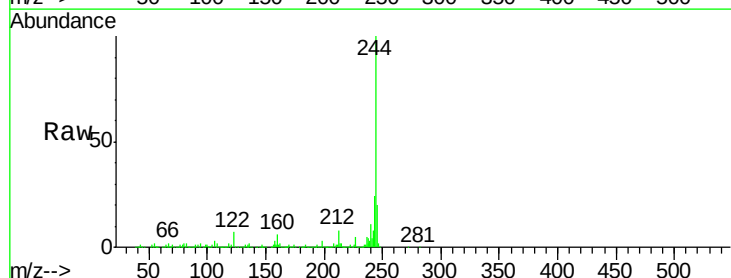
Tgt Ion:244 Resp: 1140972

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

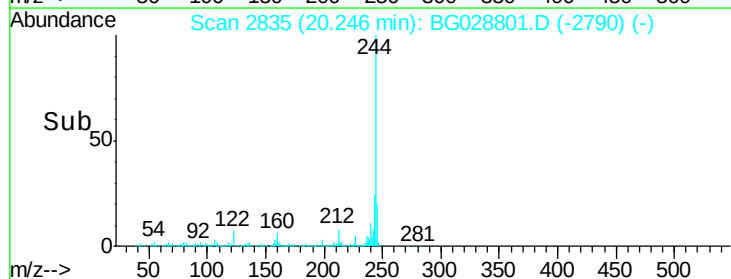
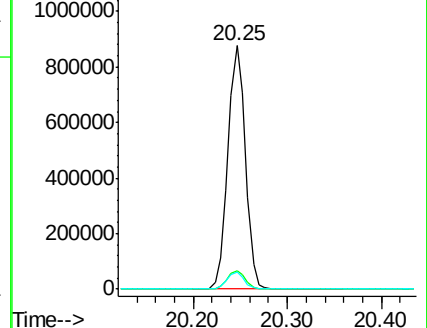
122 7.1 8.6 12.8#

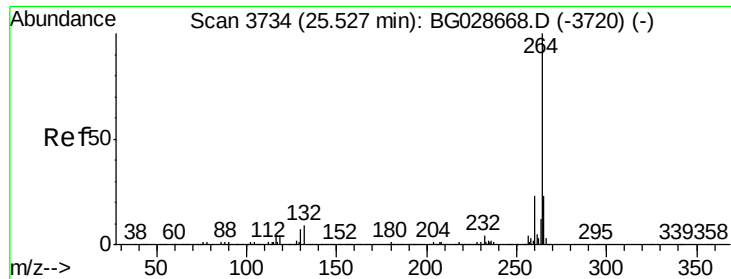


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.45 min Scan# 3720
Delta R.T. -0.08 min
Lab File: BG028801.D
Acq: 18 Sep 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	20.4	18.2	27.4

