

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
 Data File : BG028789.D
 Acq On : 16 Sep 2017 6:41
 Operator : SJ/JU
 Sample : I5207-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 01:13:00 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

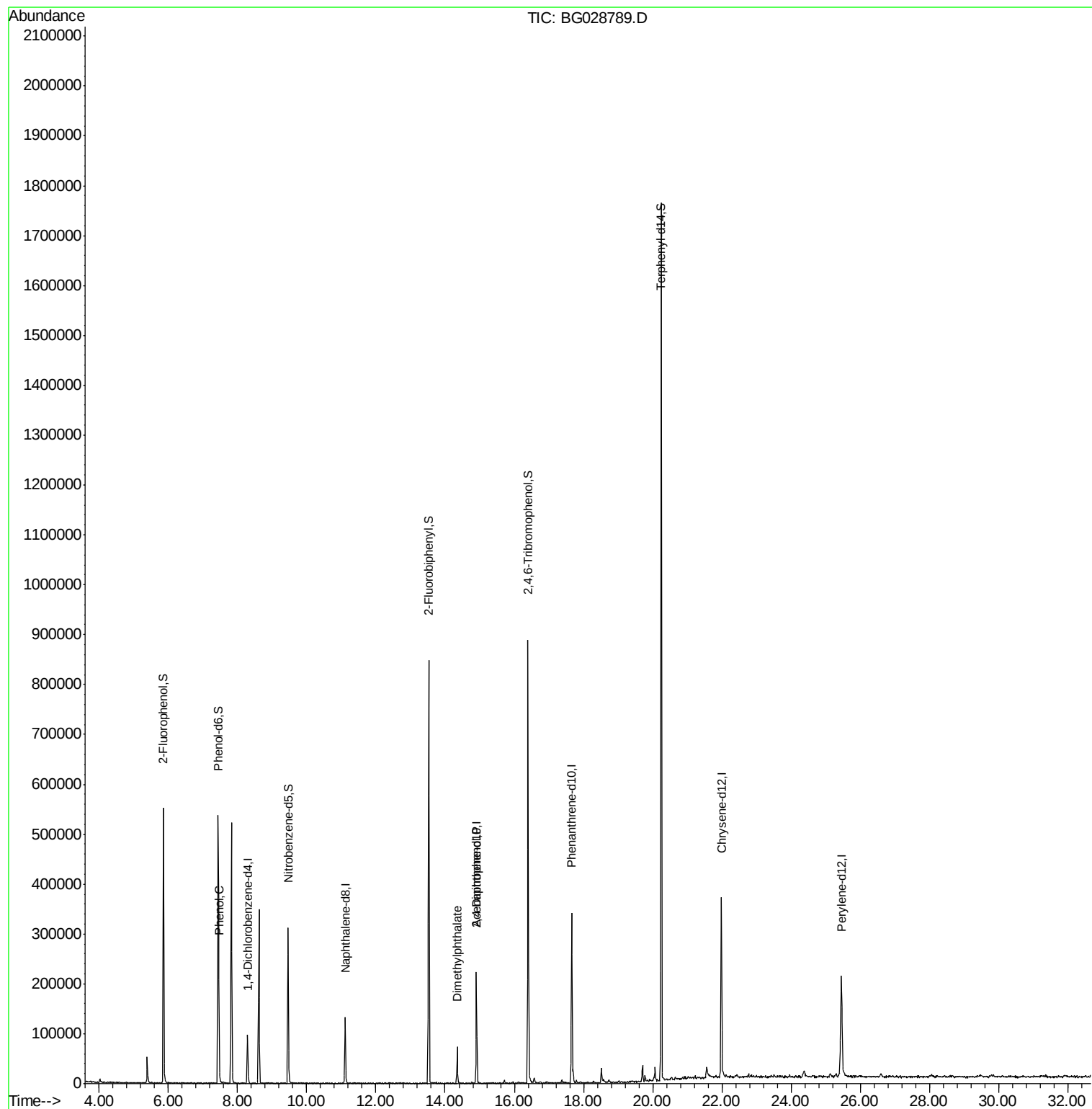
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27274	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	110124	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	81327	20.00	ng	-0.04
63) Phenanthrene-d10	17.65	188	231524	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	255046	20.00	ng	-0.05
86) Perylene-d12	25.45	264	263182	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	238686	144.40	ng	-0.05
7) Phenol-d6	7.44	99	333600	134.05	ng	-0.05
23) Nitrobenzene-d5	9.46	82	200712	87.19	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	202667	150.67	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	474437	77.79	ng	-0.03
78) Terphenyl-d14	20.25	244	844953	70.65	ng	-0.03
Target Compounds						
10) Phenol	7.47	94	8552	3.256	ng	Qvalue 85
49) Dimethylphthalate	14.35	163	54952	8.058	ng	# 97
53) 2,4-Dinitrophenol	14.90	184	69	8.079	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: BG028789.D

Acq: 16 Sep 2017 6:41

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BNA_G

ClientSampleId :

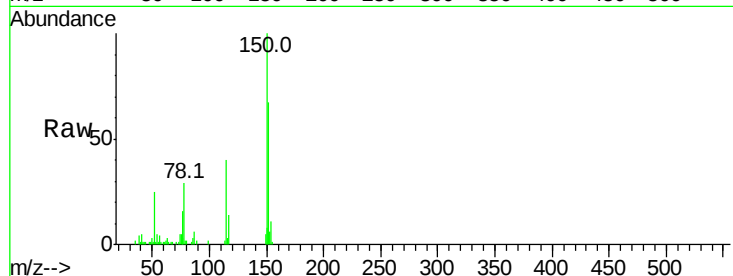
Tot Ion:152 Resp: 27274

Ion Ratio Lower Upper

152 100

150 149.6 114.0 171.0

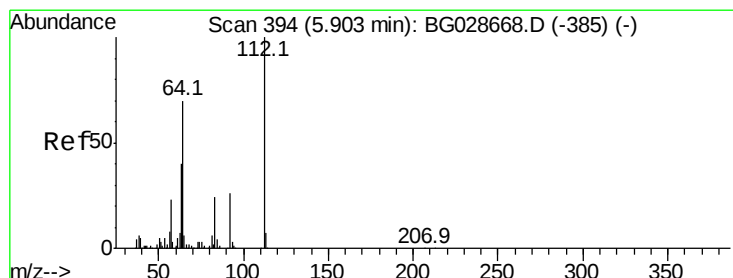
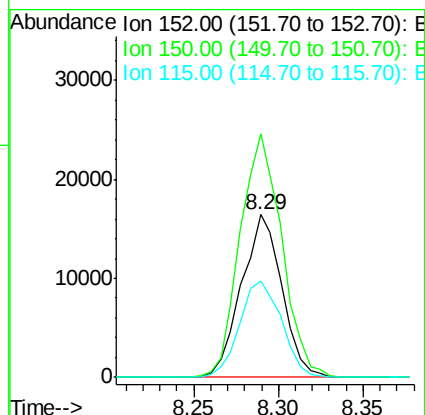
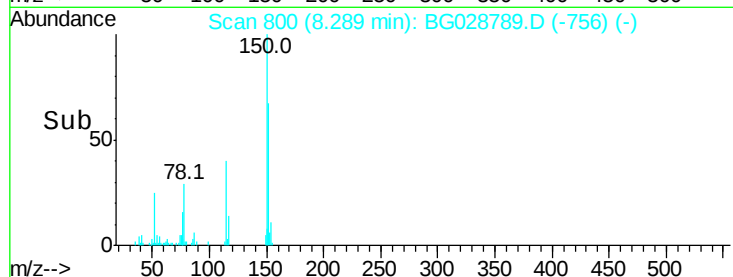
115 59.3 48.1 72.1



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: 144.403 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

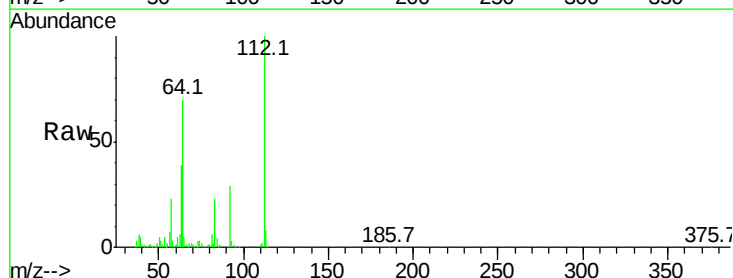
Tgt Ion:112 Resp: 238686

Ion Ratio Lower Upper

112 100

64 70.2 61.8 92.6

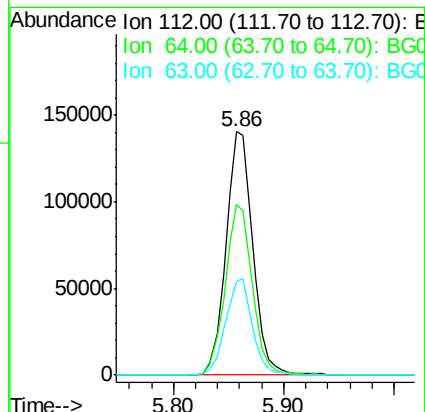
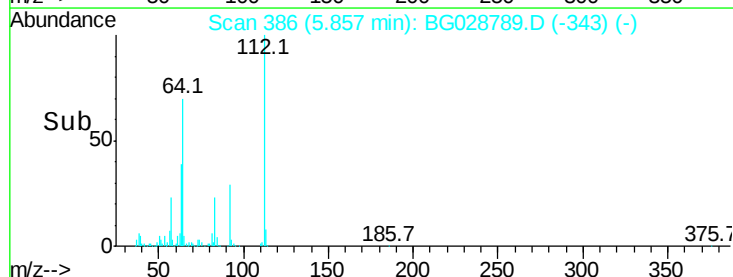
63 38.7 37.2 55.8

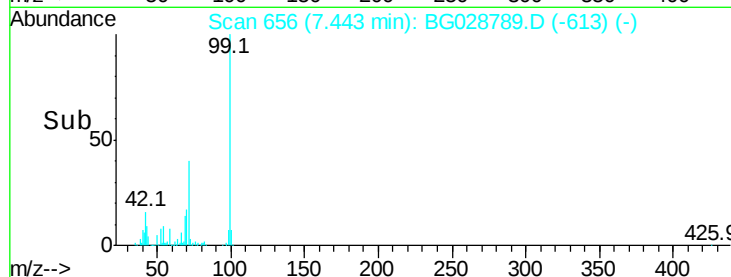
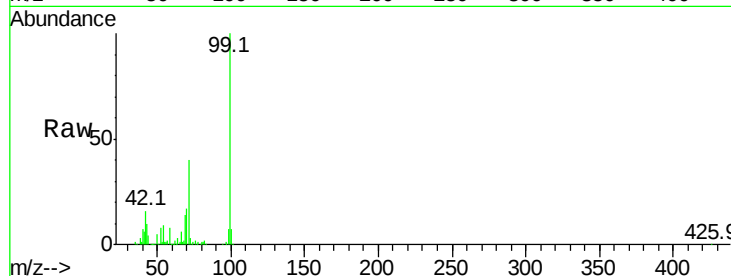
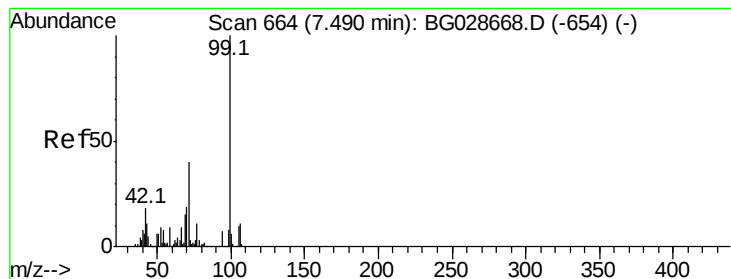


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 134.047 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

Instrument :

BNA_G

ClientSampleId :

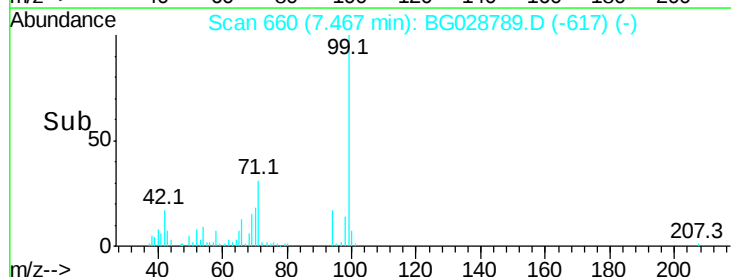
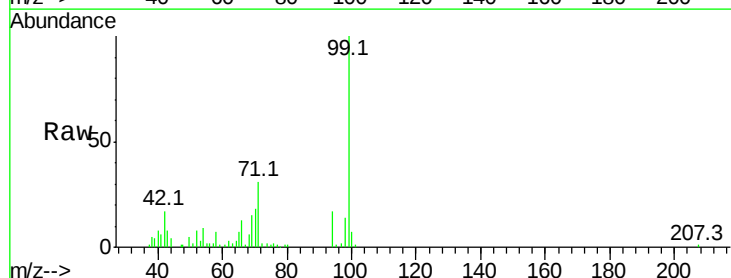
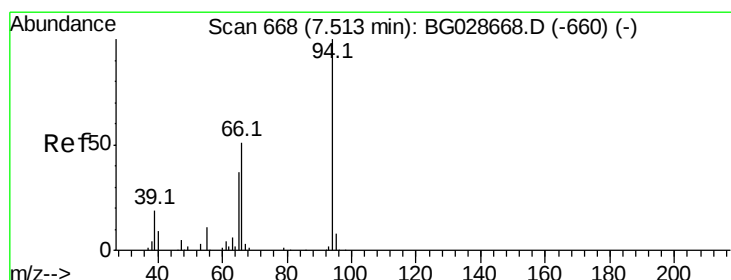
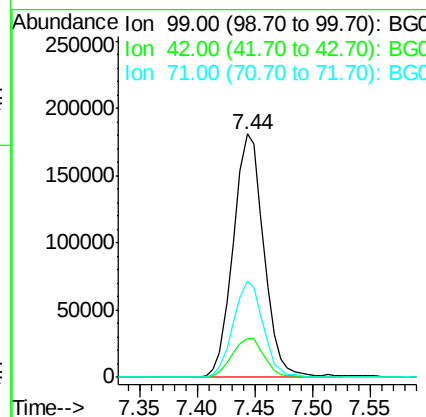
Tot Ion: 99 Resp: 333600

Ion Ratio Lower Upper

99 100

42 16.1 20.5 30.7#

71 39.5 37.6 56.4



#10

Phenol

Concen: 3.256 ng

RT: 7.47 min Scan# 660

Delta R.T. -0.05 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

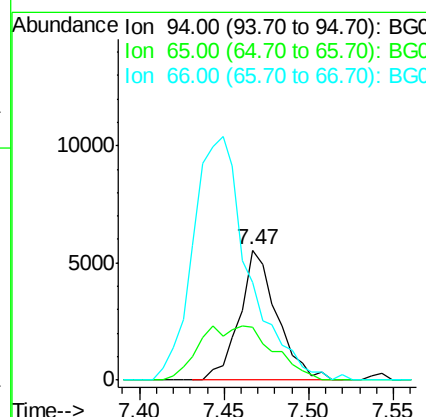
Tgt Ion: 94 Resp: 8552

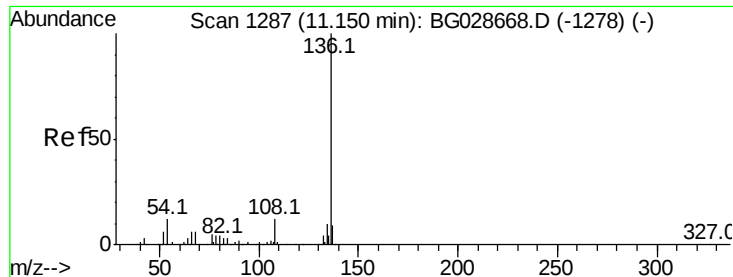
Ion Ratio Lower Upper

94 100

65 40.5 20.6 60.6

66 74.9 35.5 75.5

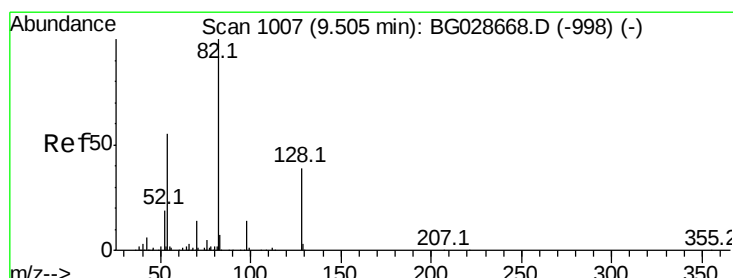
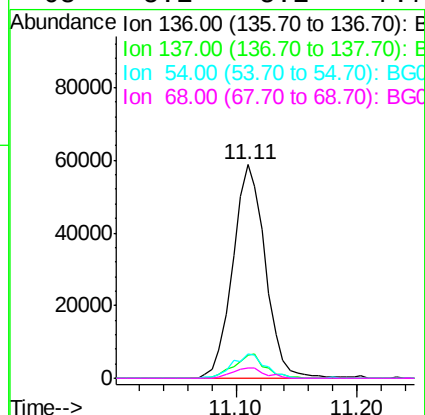
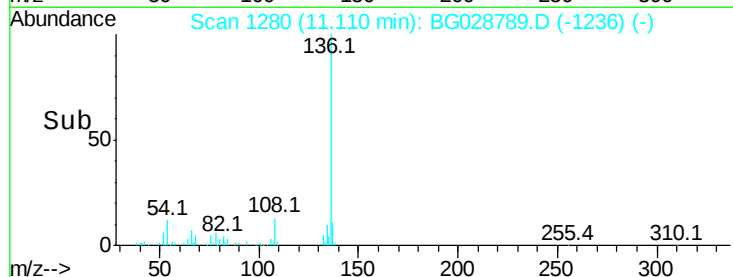
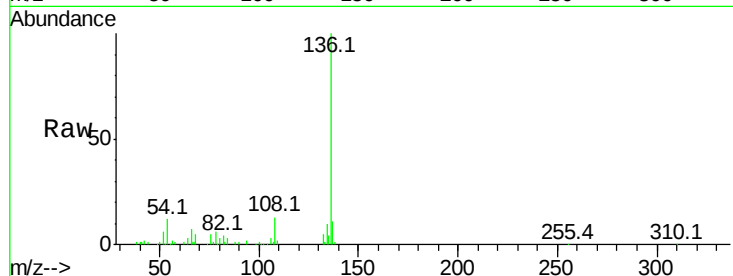




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

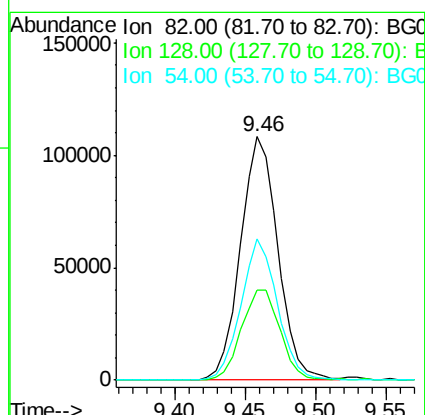
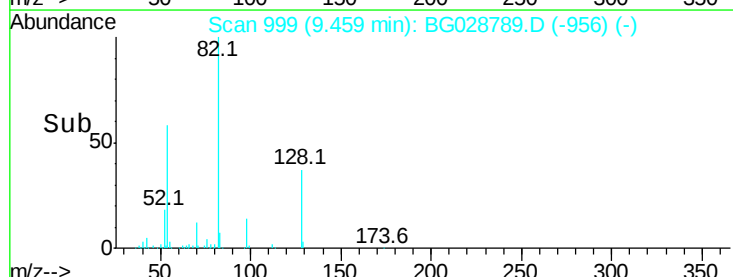
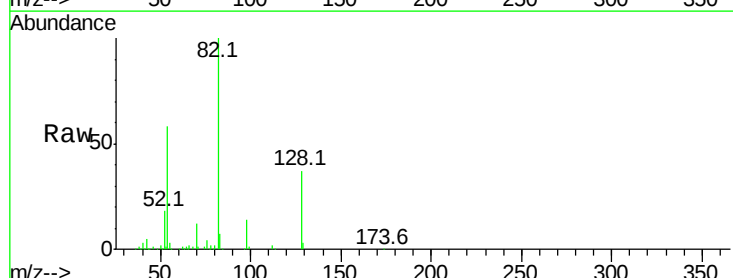
Instrument :
BNA_G
ClientSampleId :

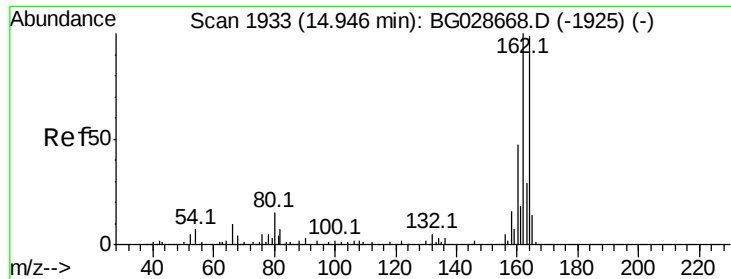
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.7	9.3	13.9
68	5.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 87.188 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.1	26.4	39.6
54	57.8	49.4	74.2

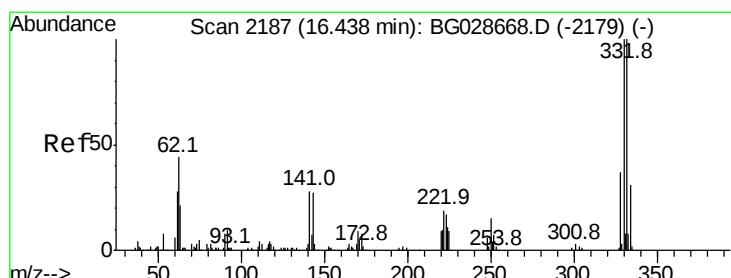
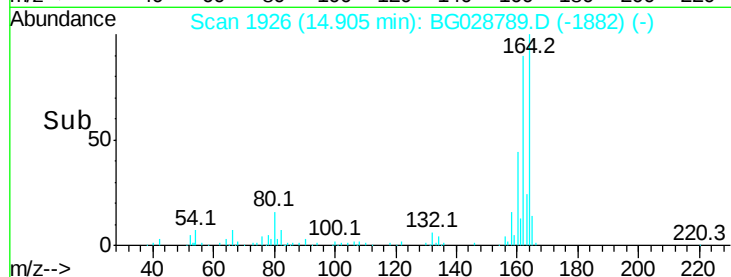
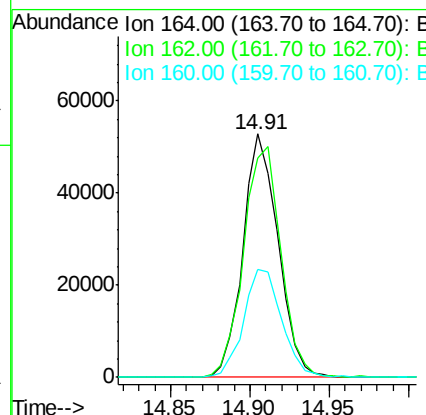
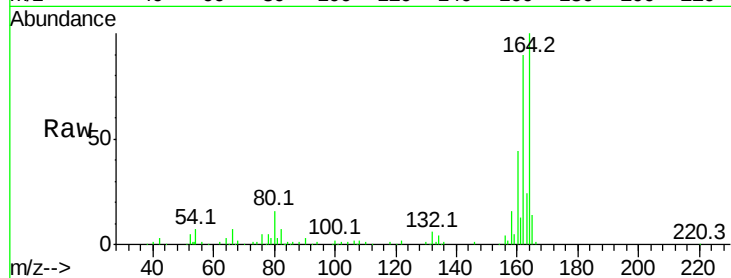




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028789.D
 Acq: 16 Sep 2017 6:41

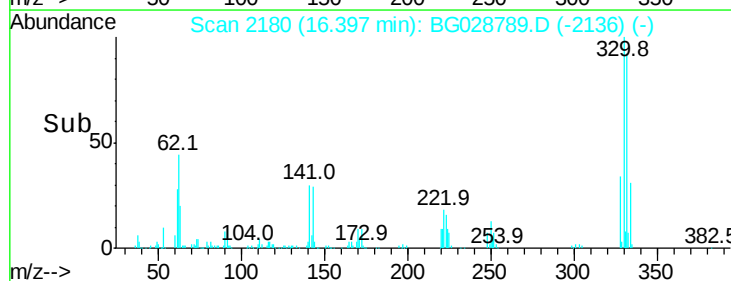
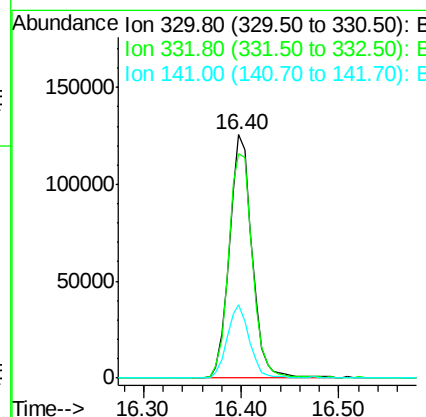
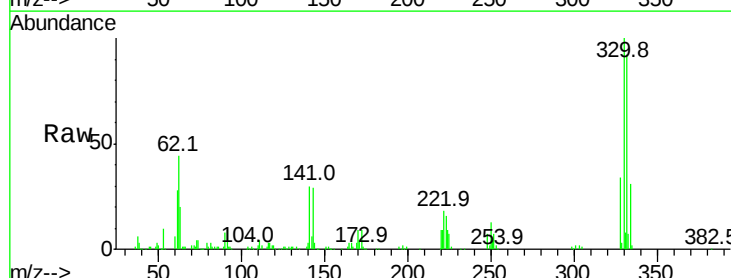
Instrument :
 BNA_G
 ClientSampleId :

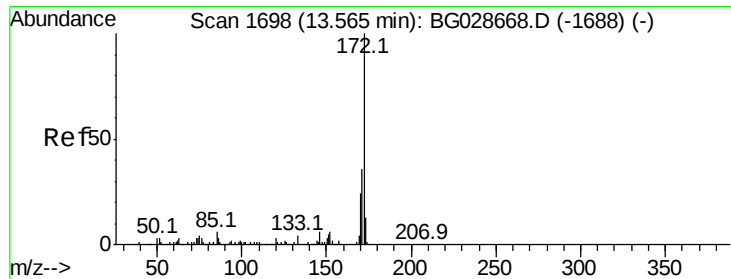
Tot Ion:164 Resp: 81327
 Ion Ratio Lower Upper
 164 100
 162 90.2 85.1 127.7
 160 44.2 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 150.671 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028789.D
 Acq: 16 Sep 2017 6:41

Tgt Ion:330 Resp: 202667
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 29.3 32.1 48.1#

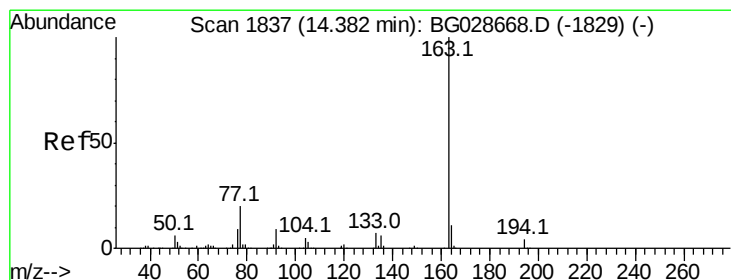
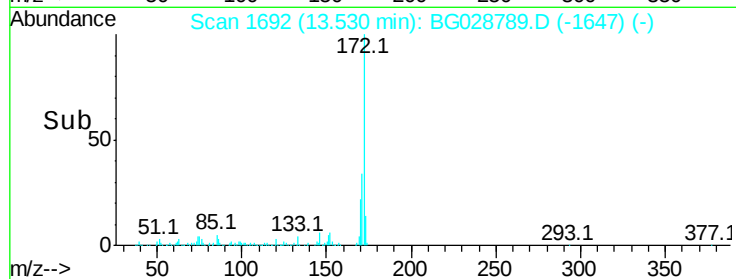
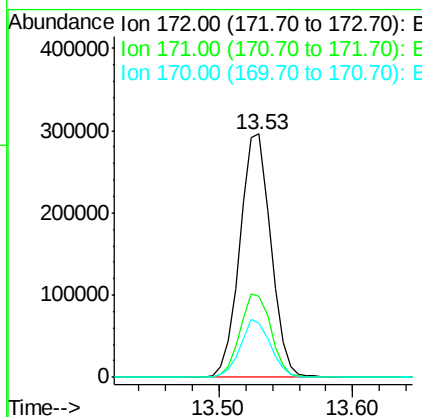
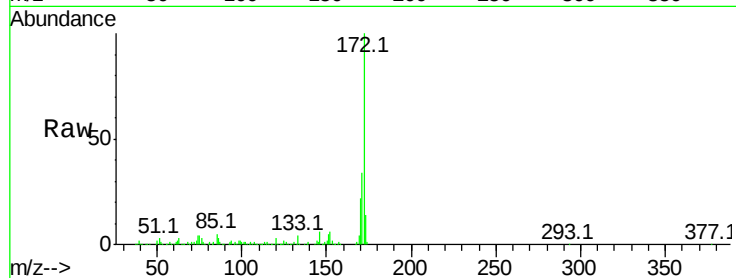




#44
2-Fluorobiphenyl
Concen: 77.788 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.03 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

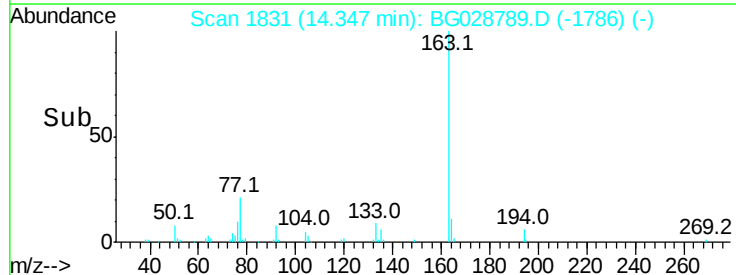
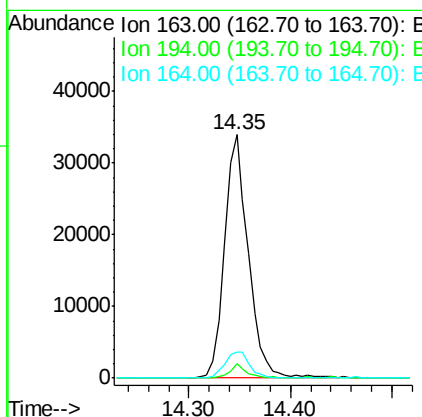
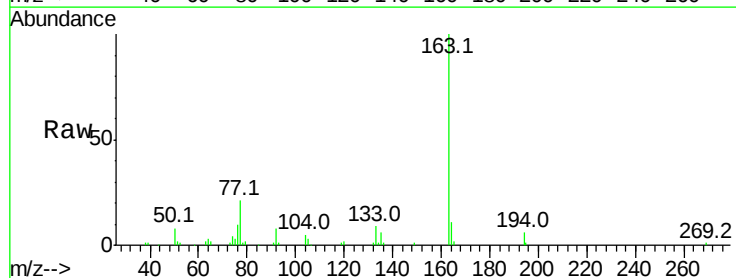
Instrument :
BNA_G
ClientSampleId :

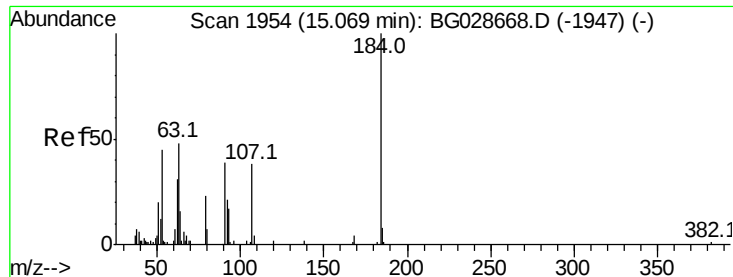
Tot Ion:172 Resp: 474437
Ion Ratio Lower Upper
172 100
171 33.5 32.2 48.2
170 22.1 21.8 32.6



#49
Dimethylphthalate
Concen: 8.058 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

Tgt Ion:163 Resp: 54952
Ion Ratio Lower Upper
163 100
194 6.0 3.8 5.6#
164 10.6 9.3 13.9

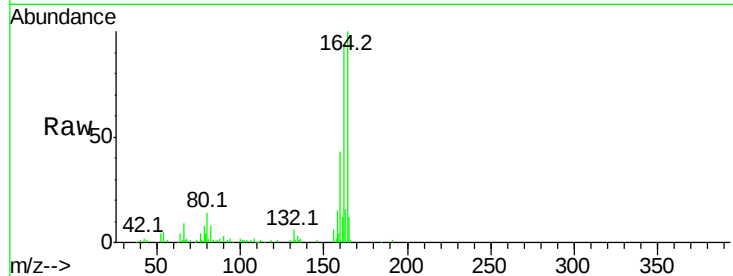




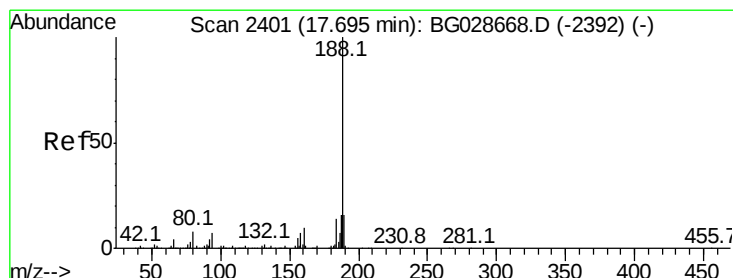
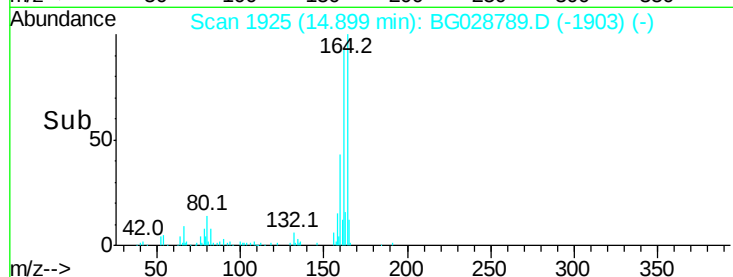
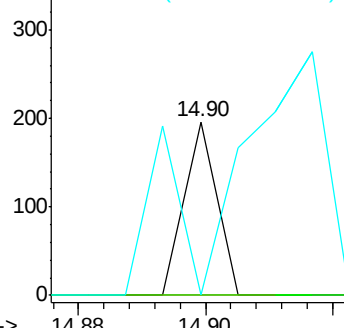
#53
 2,4-Dinitrophenol
 Concen: 8.079 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. -0.17 min
 Lab File: BG028789.D
 Acq: 16 Sep 2017 6:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 69
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#

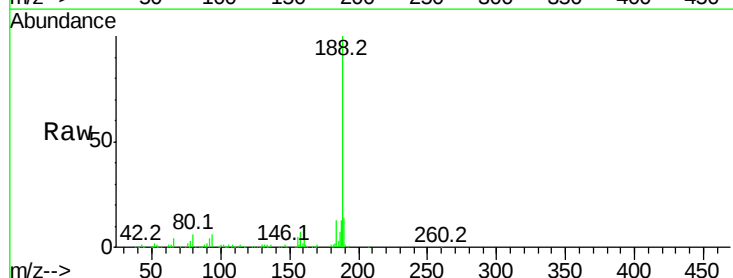


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

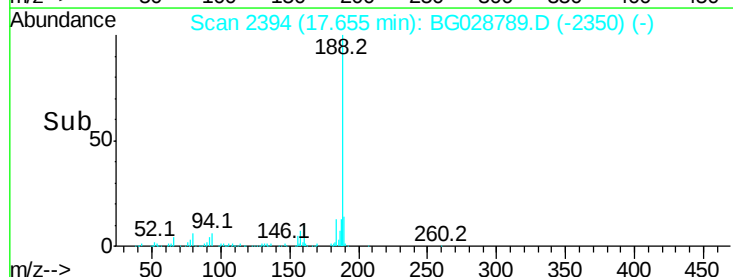
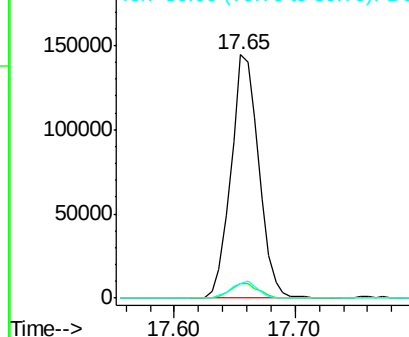


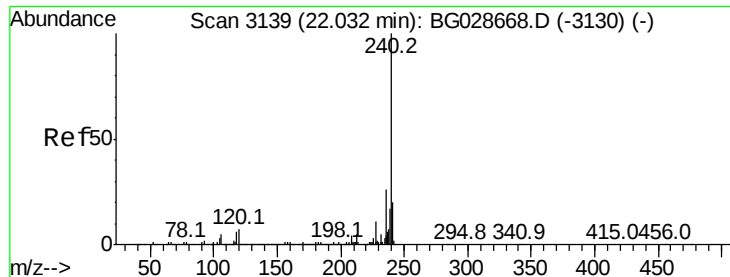
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.65 min Scan# 2394
 Delta R.T. -0.04 min
 Lab File: BG028789.D
 Acq: 16 Sep 2017 6:41

Tgt Ion:188 Resp: 231524
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.8 8.8
 80 6.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

Instrument :

BNA_G

ClientSampleId :

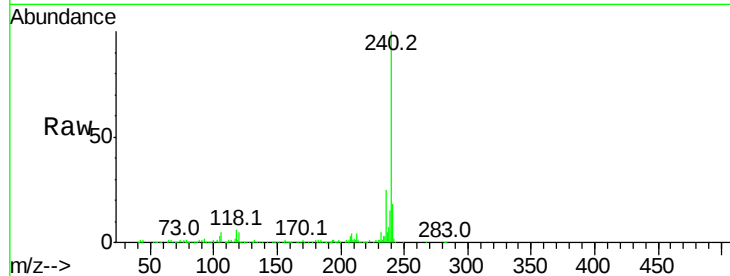
Tot Ion:240 Resp: 255046

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

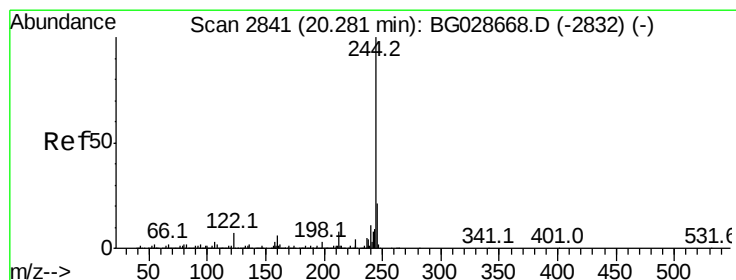
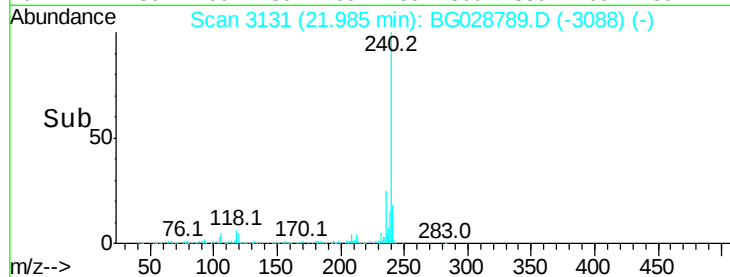
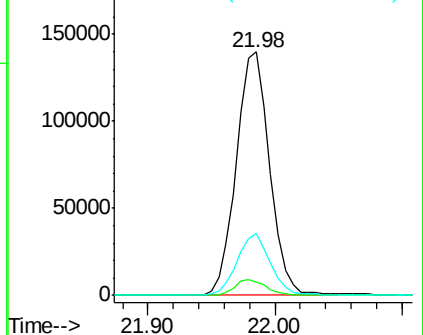
236 25.3 22.2 33.4



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: 70.651 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

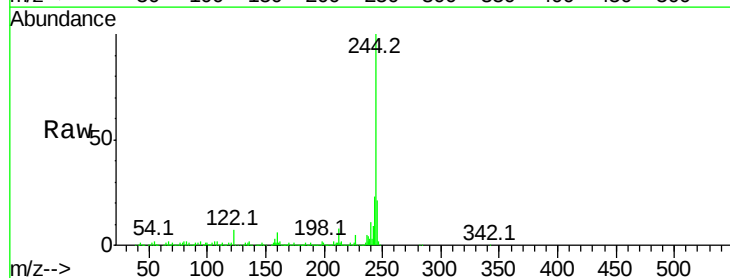
Tgt Ion:244 Resp: 844953

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

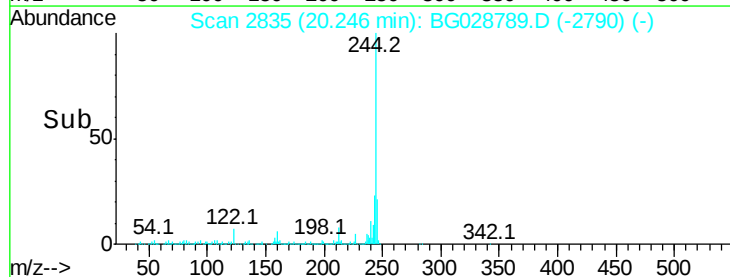
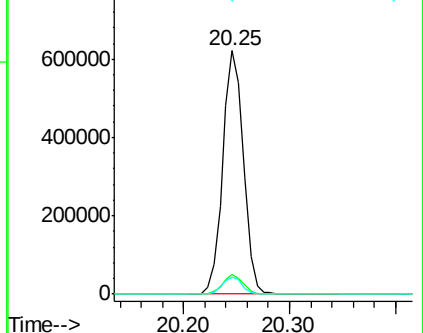
122 7.1 8.6 12.8#

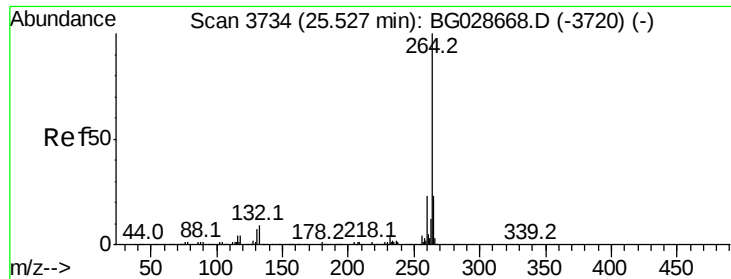


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

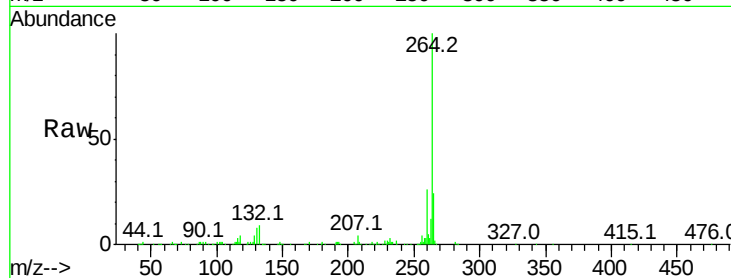




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.08 min
 Lab File: BG028789.D
 Acq: 16 Sep 2017 6:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.8	32.8
265	24.3	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

