

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028807.D
 Acq On : 18 Sep 2017 22:58
 Operator : SJ/JU
 Sample : I5259-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 01:14:45 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

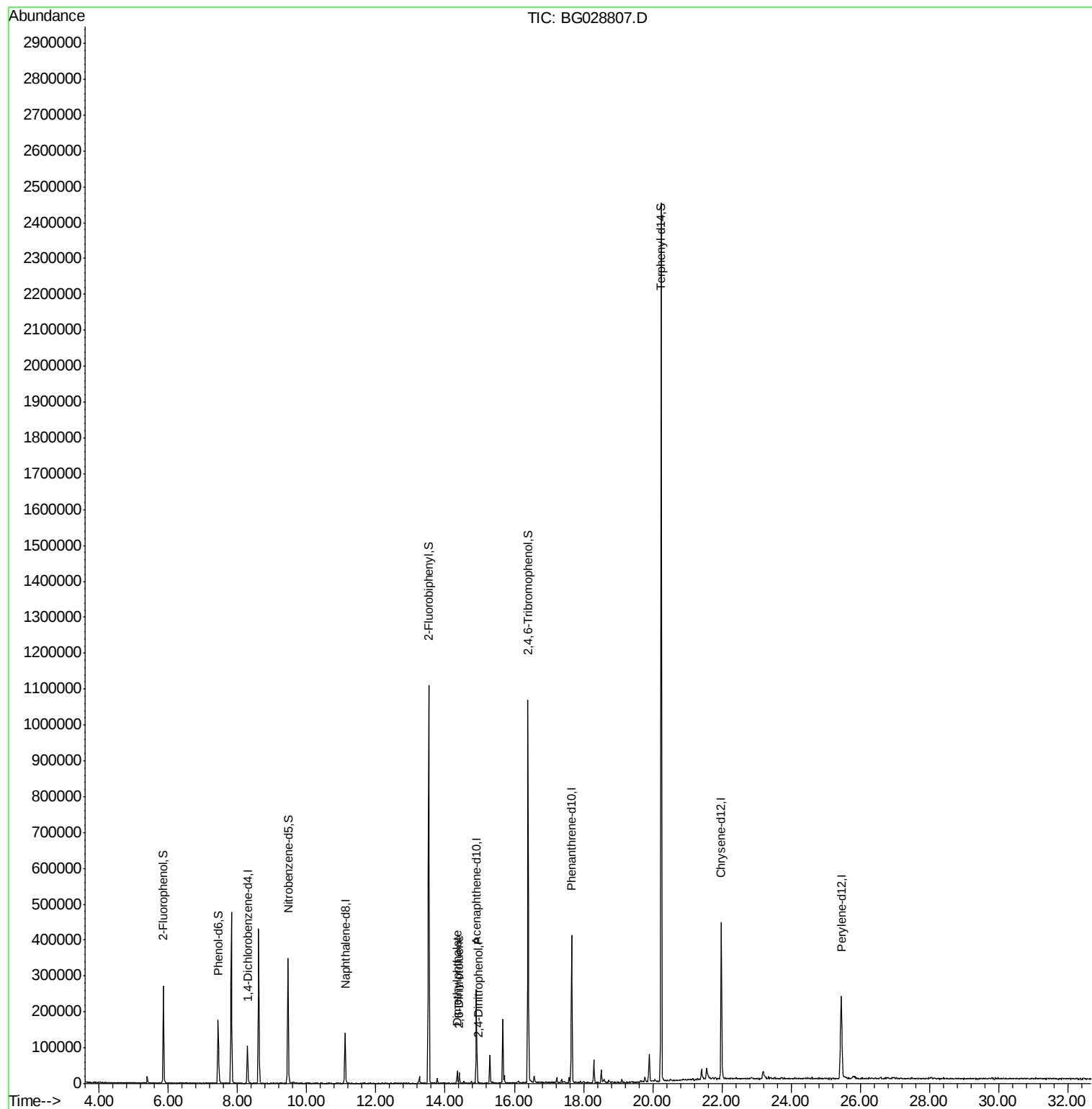
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30809	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	124251	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	91786	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	274859	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	301625	20.00	ng	-0.05
86) Perylene-d12	25.45	264	303937	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	115508	61.86	ng	-0.04
7) Phenol-d6	7.44	99	110023	39.14	ng	-0.05
23) Nitrobenzene-d5	9.46	82	220515	84.90	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	230352	151.74	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	608591	88.41	ng	-0.04
78) Terphenyl-d14	20.25	244	1123049	79.40	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.35	163	26971	3.50	ng	# 92
50) 2,6-Dinitrotoluene	14.41	165	4548	2.66	ng	# 11
53) 2,4-Dinitrophenol	14.97	184	59	8.06	ng	# 15

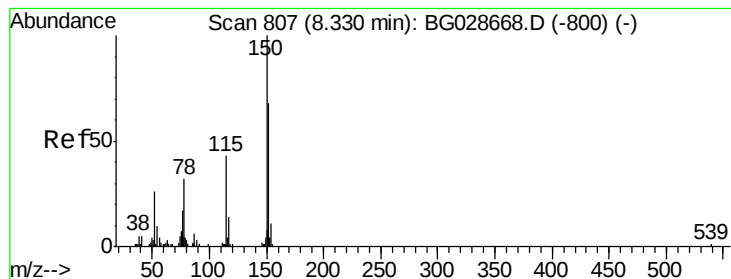
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028807.D

Acq: 18 Sep 2017 22:58

Instrument :

BNA_G

ClientSampleId :

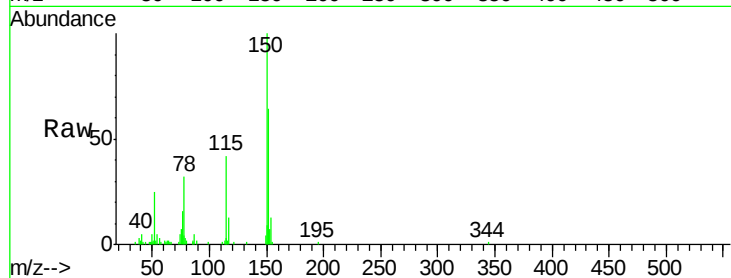
Tot Ion:152 Resp: 30809

Ion Ratio Lower Upper

152 100

150 156.8 114.0 171.0

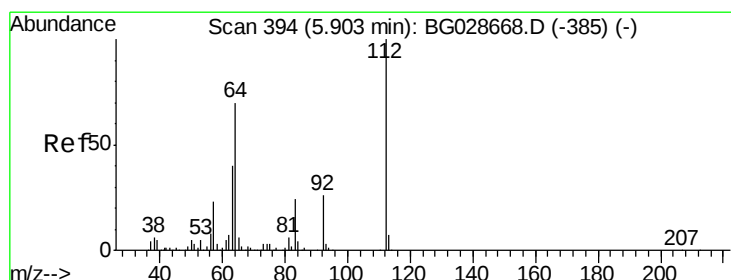
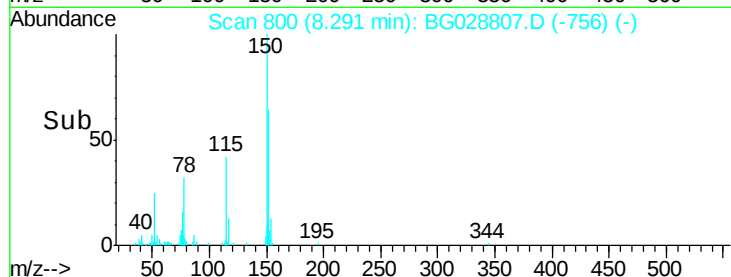
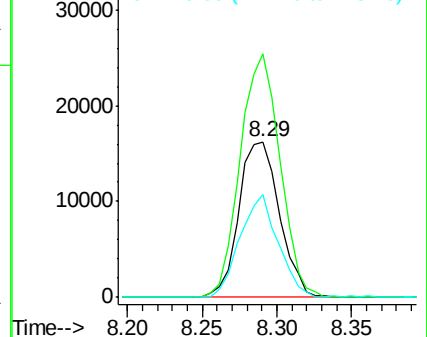
115 66.0 48.1 72.1



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: 61.86 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.04 min

Lab File: BG028807.D

Acq: 18 Sep 2017 22:58

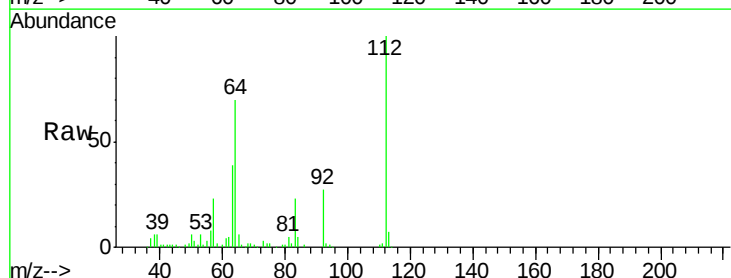
Tgt Ion:112 Resp: 115508

Ion Ratio Lower Upper

112 100

64 70.0 61.8 92.6

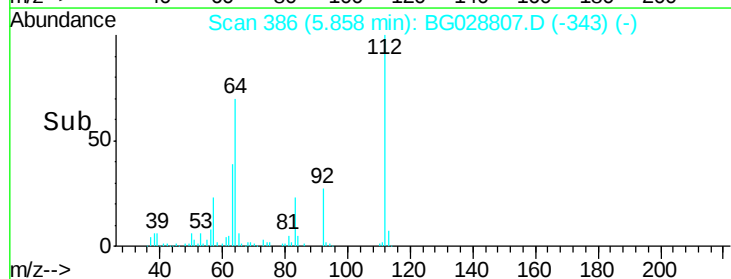
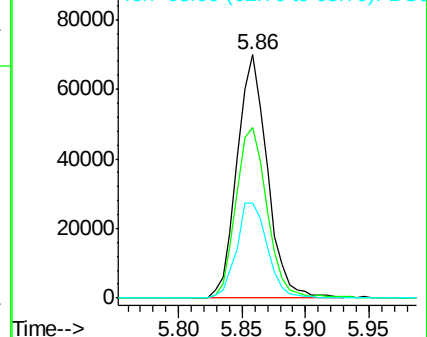
63 39.2 37.2 55.8

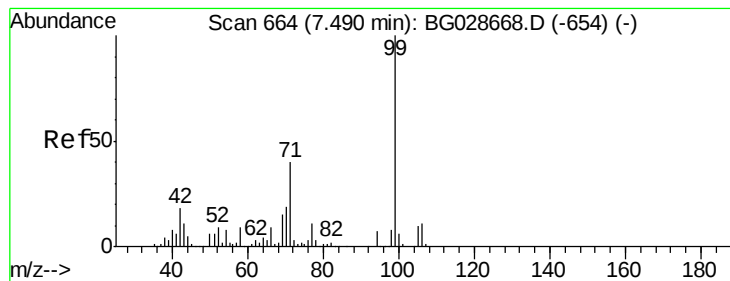


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.14 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028807.D

Acq: 18 Sep 2017 22:58

Instrument :

BNA_G

ClientSampleId :

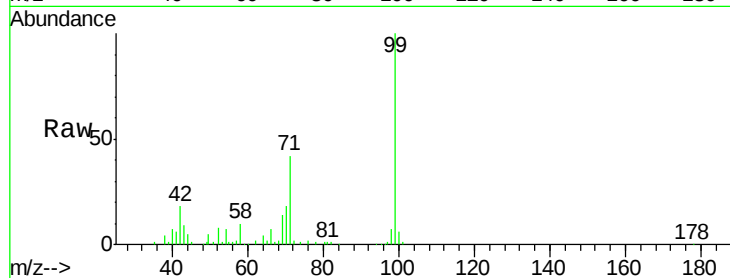
Tot Ion: 99 Resp: 110023

Ion Ratio Lower Upper

99 100

42 18.4 20.5 30.7#

71 42.4 37.6 56.4

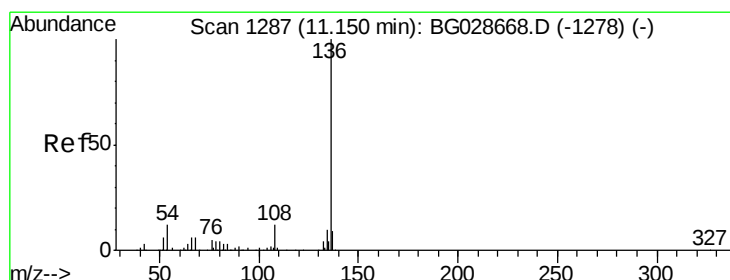
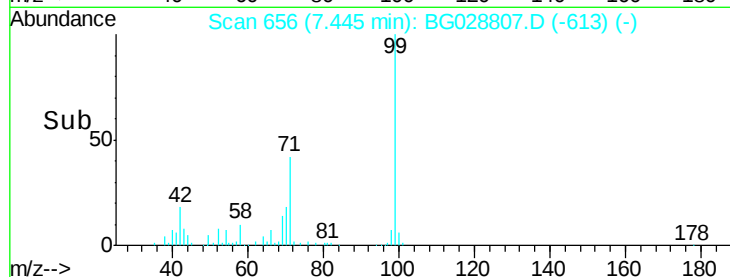
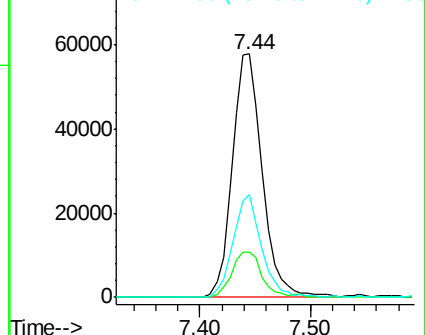


Abundance

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: BG028807.D

Acq: 18 Sep 2017 22:58

Tgt Ion: 136 Resp: 124251

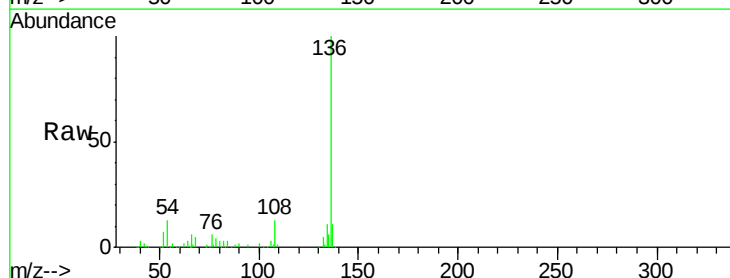
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 12.6 9.3 13.9

68 4.8 5.1 7.7#



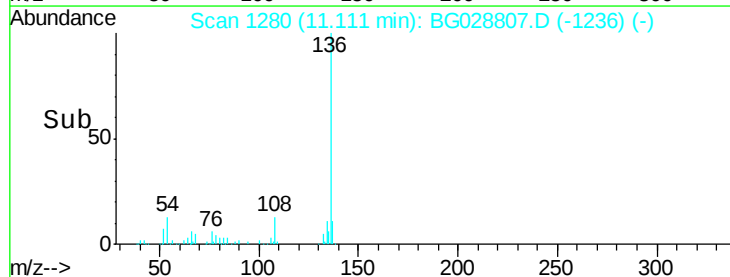
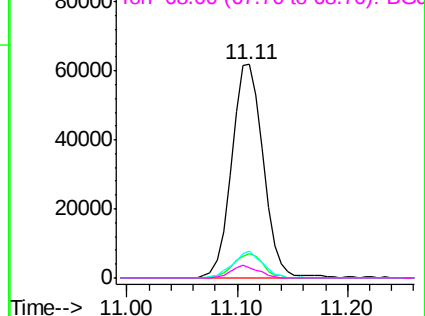
Abundance

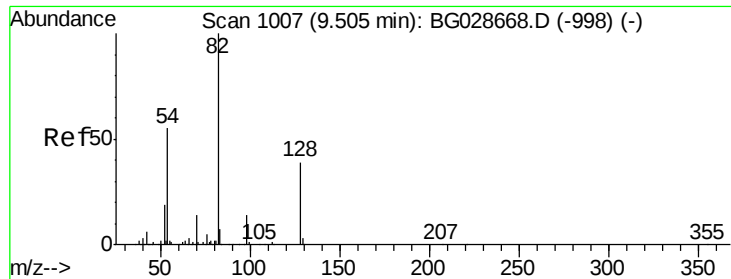
Ion 136.00 (135.70 to 136.70): BGC

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

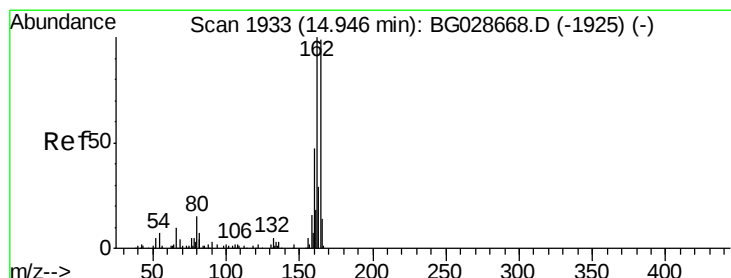
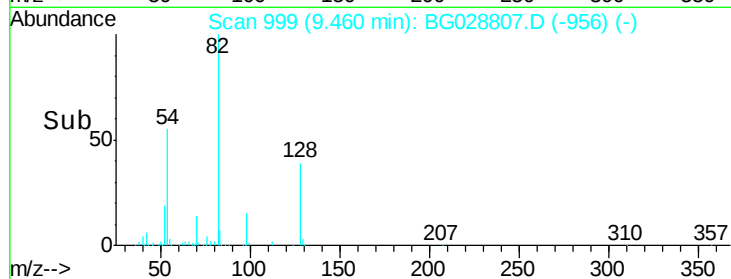
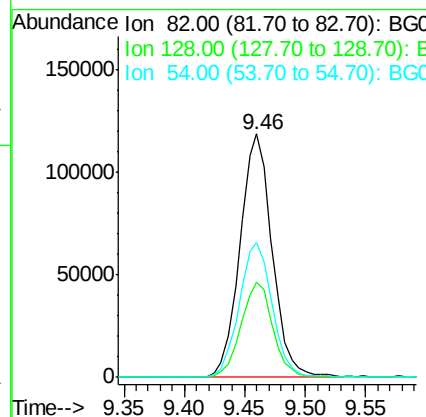
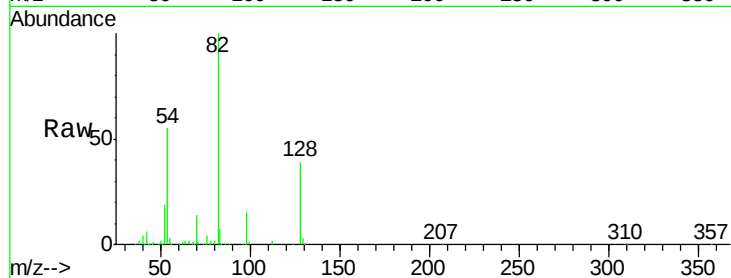




#23
 Nitrobenzene-d5
 Concen: 84.90 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028807.D
 Acq: 18 Sep 2017 22:58

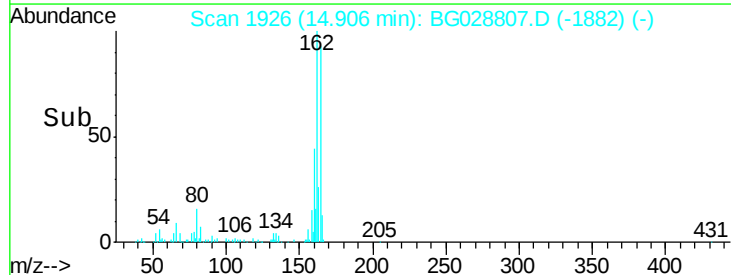
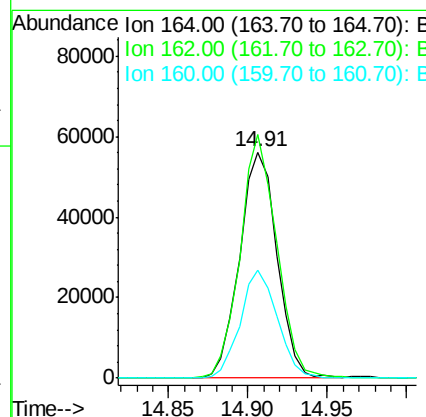
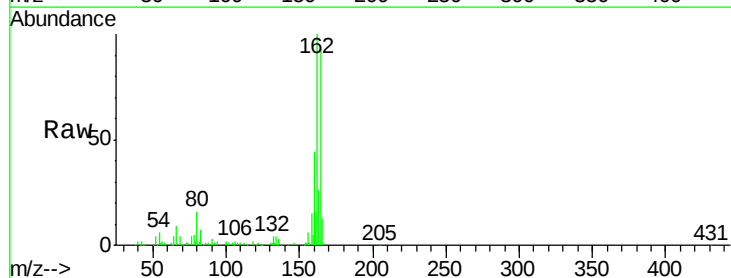
Instrument :
 BNA_G
 ClientSampleId :

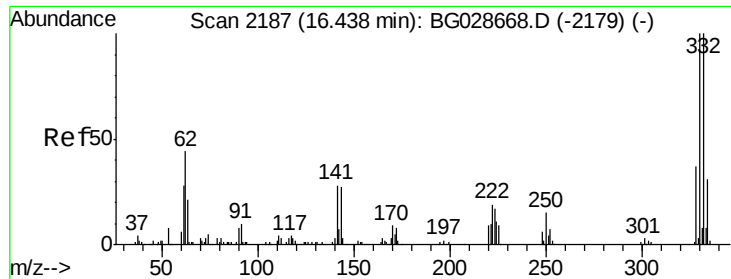
Tot Ion	82	Resp	220515
Ion	Ratio	Lower	Upper
82	100		
128	39.2	26.4	39.6
54	55.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028807.D
 Acq: 18 Sep 2017 22:58

Tgt Ion	164	Resp	91786
Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.1	127.7
160	47.6	34.7	52.1

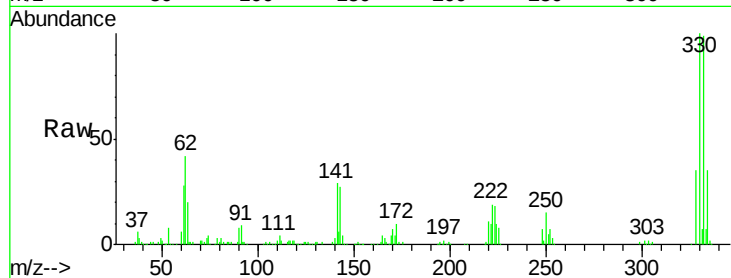




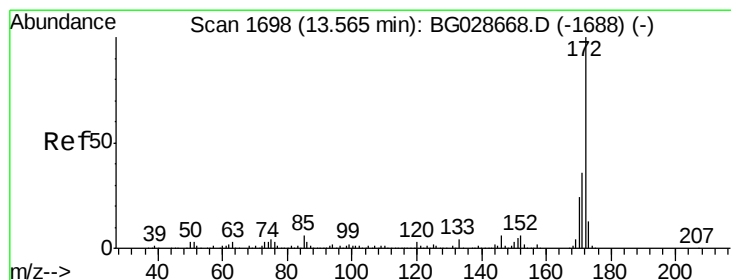
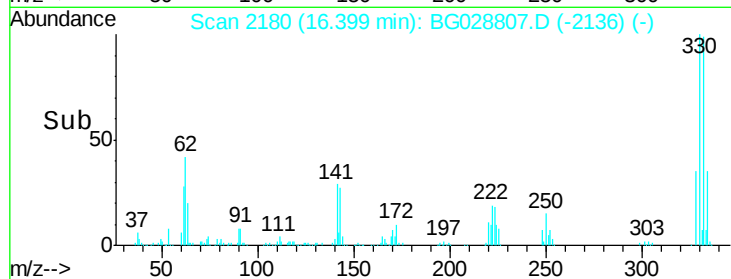
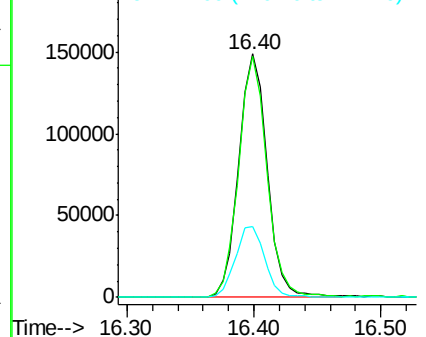
#41
 2,4,6-Tribromophenol
 Concen: 151.74 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028807.D
 Acq: 18 Sep 2017 22:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.3	115.9
141	30.5	32.1	48.1#

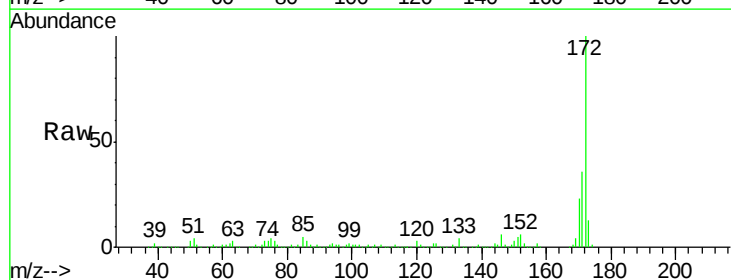


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

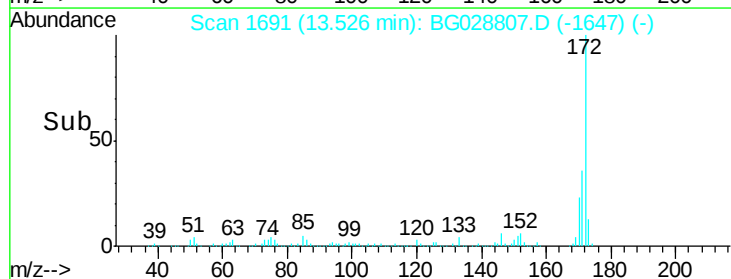
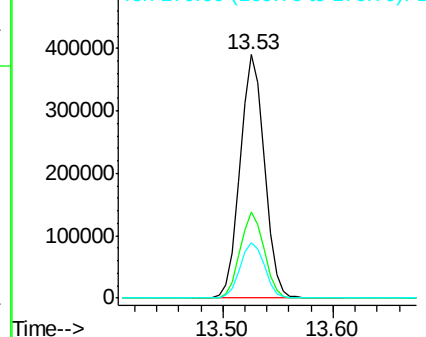


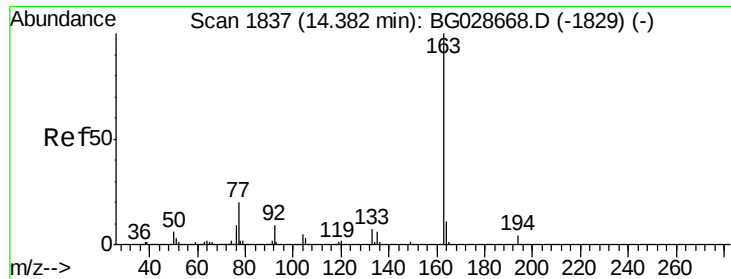
#44
 2-Fluorobiphenyl
 Concen: 88.41 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028807.D
 Acq: 18 Sep 2017 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	32.2	48.2
170	23.0	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

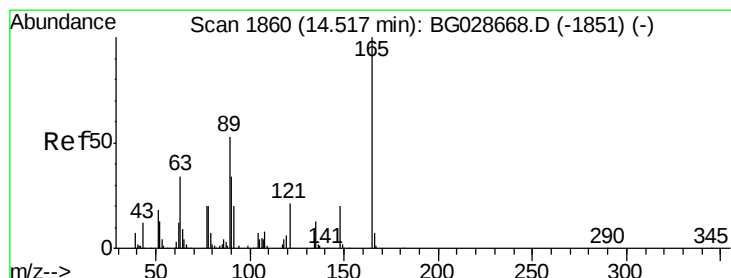
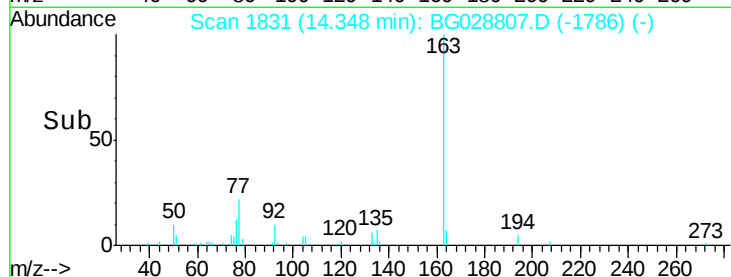
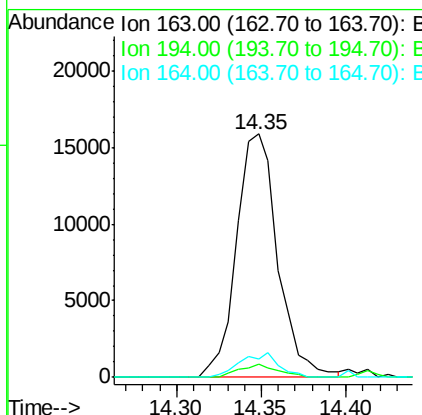
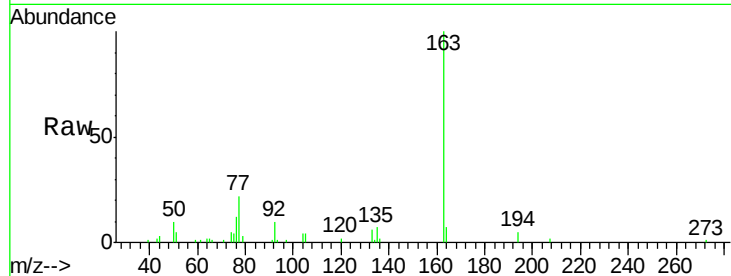




#49
Dimethylphthalate
Concen: 3.50 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BG028807.D
Acq: 18 Sep 2017 22:58

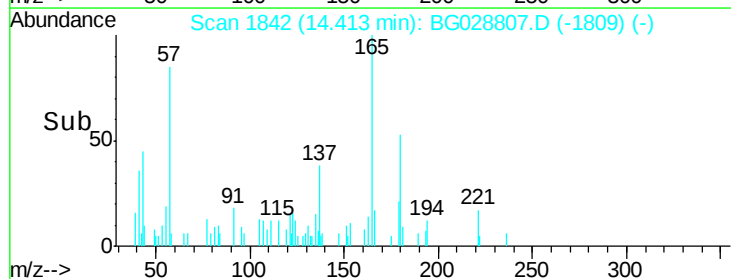
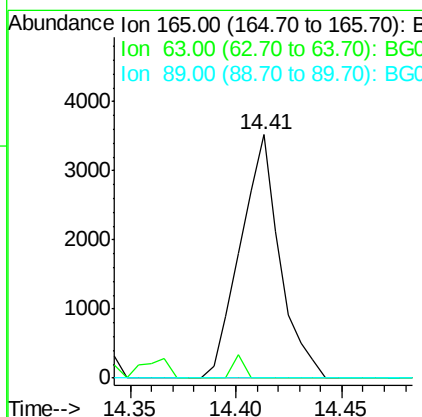
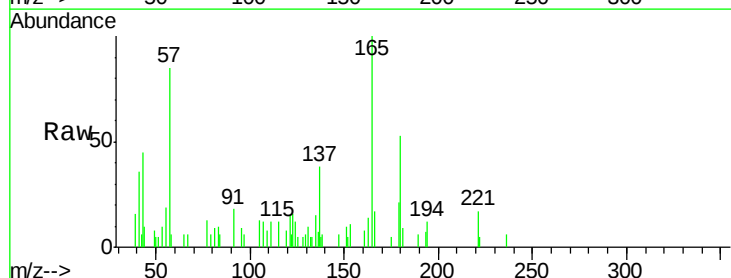
Instrument :
BNA_G
ClientSampleId :

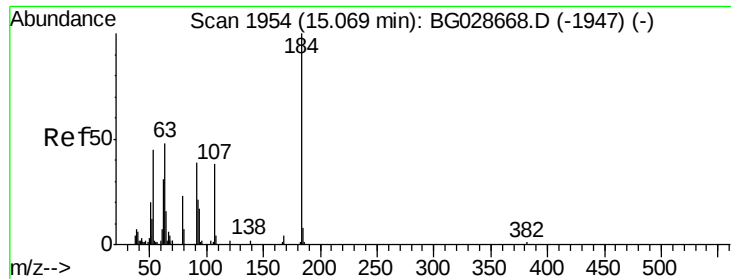
Tot Ion:163 Resp: 26971
Ion Ratio Lower Upper
163 100
194 5.2 3.8 5.6
164 7.4 9.3 13.9#



#50
2,6-Dinitrotoluene
Concen: 2.66 ng
RT: 14.41 min Scan# 1842
Delta R.T. -0.10 min
Lab File: BG028807.D
Acq: 18 Sep 2017 22:58

Tgt Ion:165 Resp: 4548
Ion Ratio Lower Upper
165 100
63 0.0 63.9 95.9#
89 0.0 58.6 88.0#

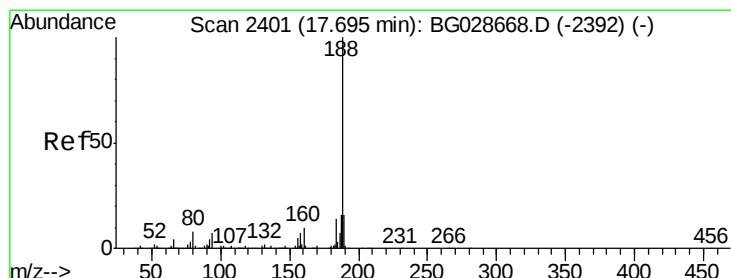
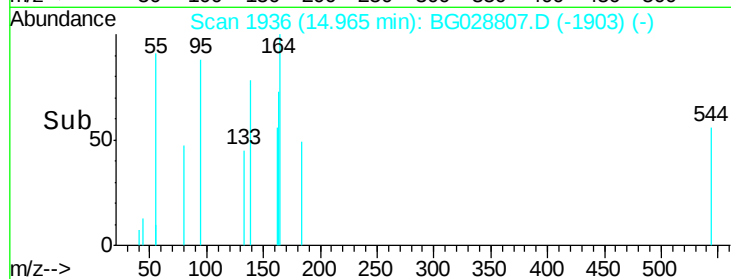
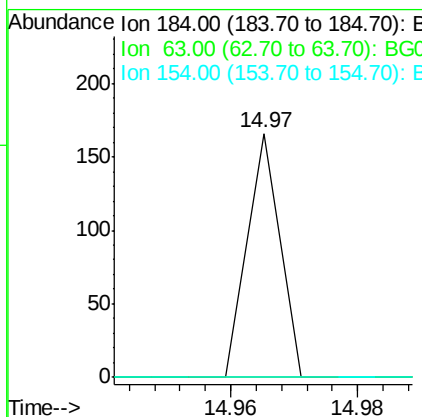
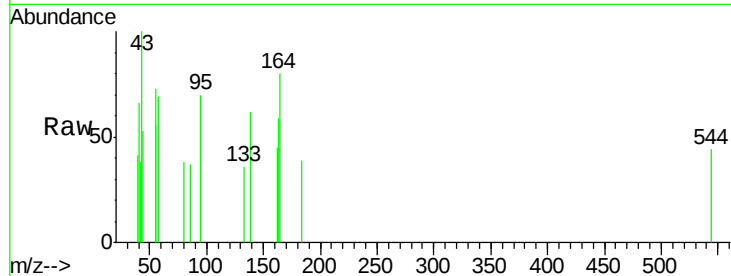




#53
 2,4-Dinitrophenol
 Concen: 8.06 ng
 RT: 14.97 min Scan# 1936
 Delta R.T. -0.10 min
 Lab File: BG028807.D
 Acq: 18 Sep 2017 22:58

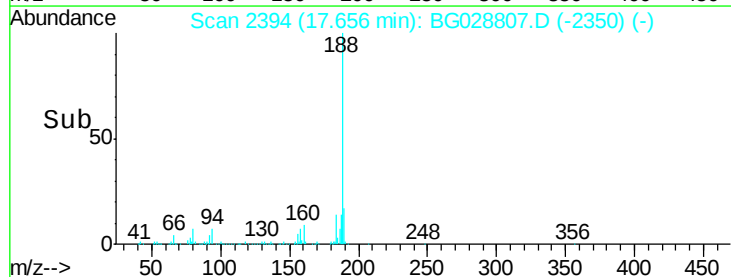
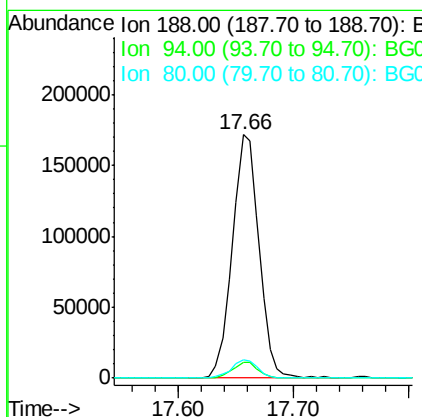
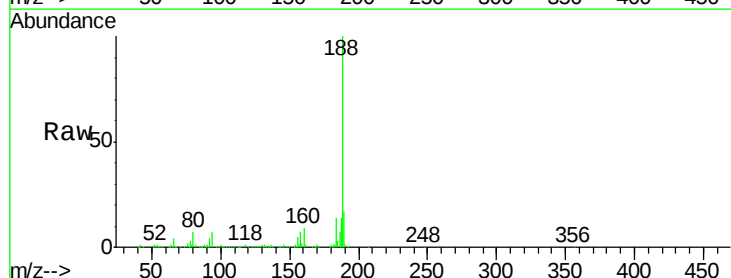
Instrument :
 BNA_G
 ClientSampleId :

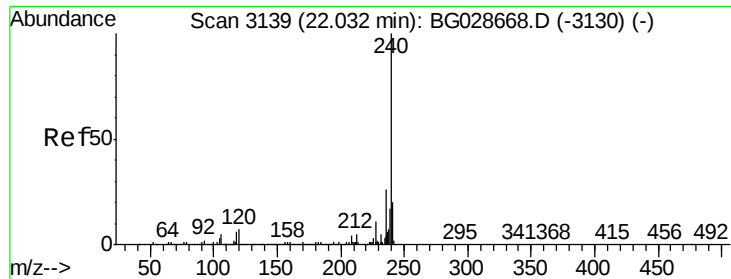
Tot Ion:184 Resp: 59
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.66 min Scan# 2394
 Delta R.T. -0.04 min
 Lab File: BG028807.D
 Acq: 18 Sep 2017 22:58

Tgt Ion:188 Resp: 274859
 Ion Ratio Lower Upper
 188 100
 94 6.7 5.8 8.8
 80 7.5 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3130

Delta R.T. -0.05 min

Lab File: BG028807.D

Acq: 18 Sep 2017 22:58

Instrument :

BNA_G

ClientSampleId :

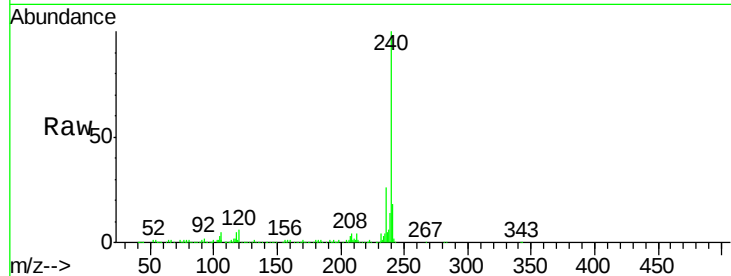
Tot Ion:240 Resp: 301625

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

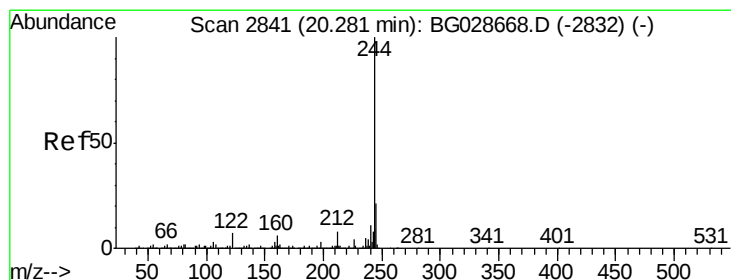
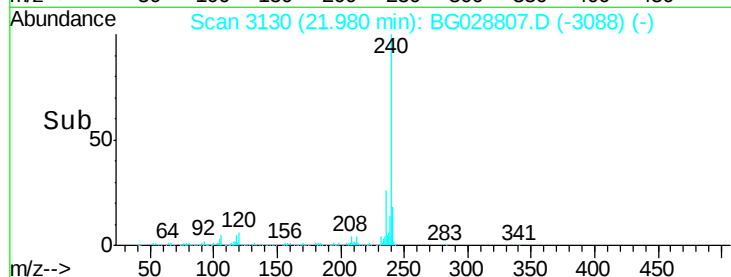
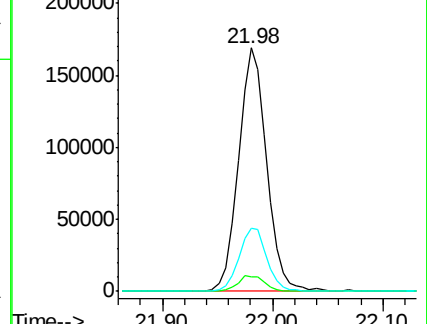
236 26.1 22.2 33.4



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: 79.40 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028807.D

Acq: 18 Sep 2017 22:58

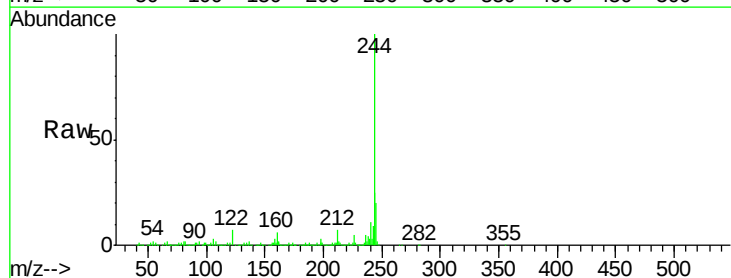
Tgt Ion:244 Resp: 1123049

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

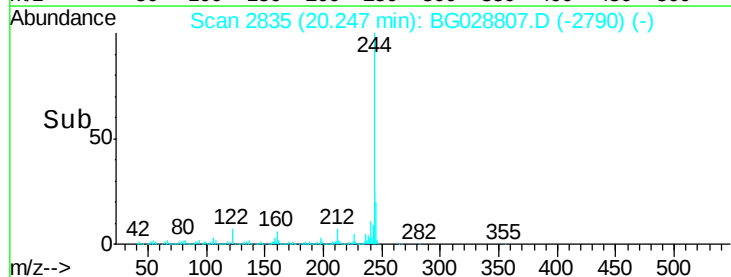
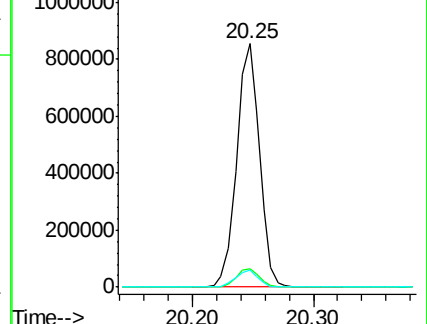
122 7.0 8.6 12.8#

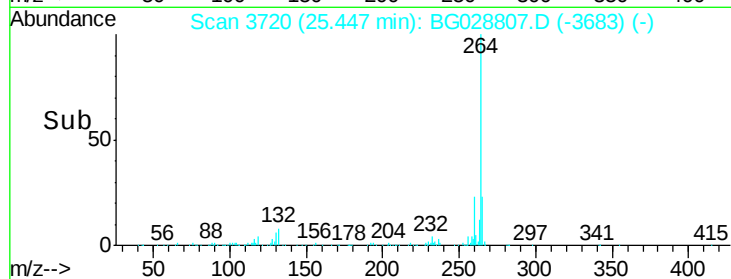
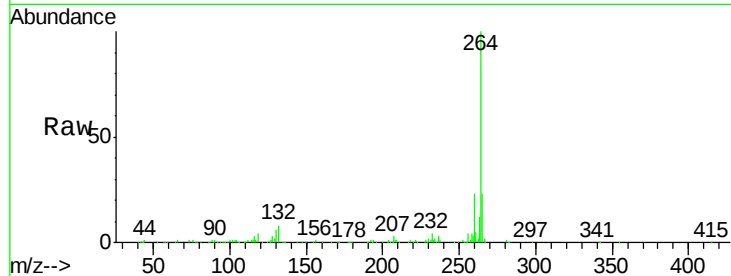
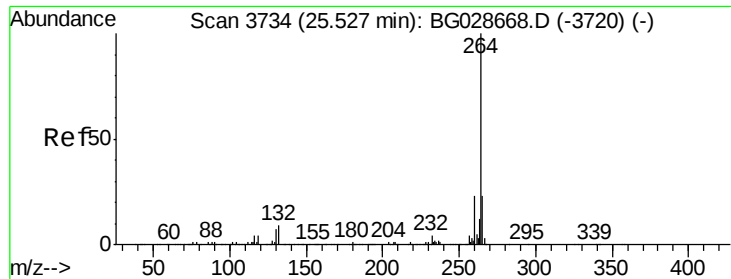


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG028807.D
Acq: 18 Sep 2017 22:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	23.2	18.2	27.4

