

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028988.D
 Acq On : 30 Sep 2017 20:45
 Operator : SJ/JU
 Sample : I5457-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 02:22:22 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

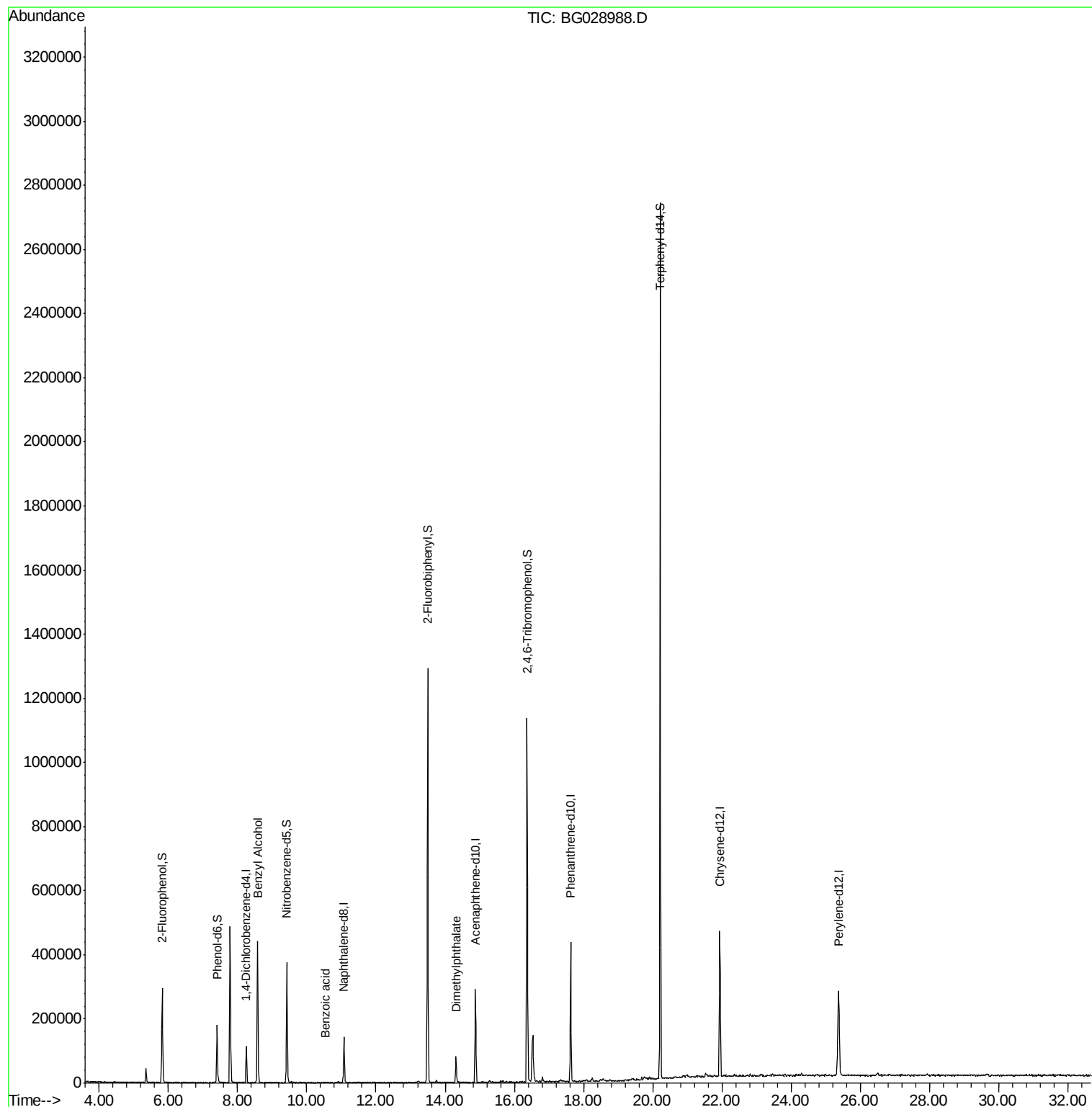
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	31829	20.00	ng	-0.08
21) Naphthalene-d8	11.07	136	129970	20.00	ng	-0.08
38) Acenaphthene-d10	14.87	164	103022	20.00	ng	-0.07
63) Phenanthrene-d10	17.62	188	278758	20.00	ng	-0.07
75) Chrysene-d12	21.94	240	314863	20.00	ng	-0.09
86) Perylene-d12	25.37	264	335350	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	127113	65.90	ng	-0.08
7) Phenol-d6	7.41	99	111303	38.32	ng	-0.08
23) Nitrobenzene-d5	9.42	82	245301	90.29	ng	-0.08
41) 2,4,6-Tribromophenol	16.37	330	246678	144.77	ng	-0.07
44) 2-Fluorobiphenyl	13.49	172	684241	88.56	ng	-0.07
78) Terphenyl-d14	20.22	244	1264258	85.63	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	8.59	79	5090	2.245	ng	Qvalue # 85
32) Benzoic acid	10.53	122	61	6.118	ng	# 1
49) Dimethylphthalate	14.32	163	54555	6.315	ng	98

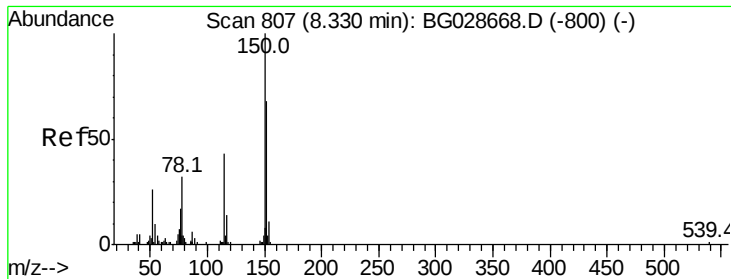
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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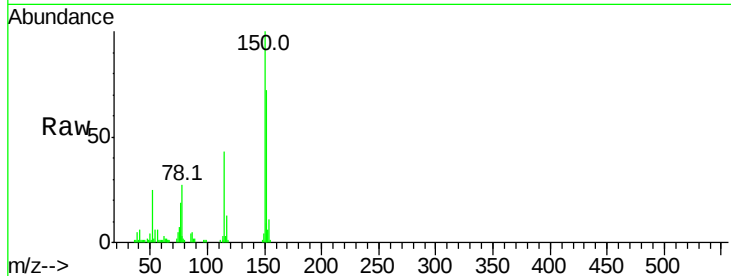


#1

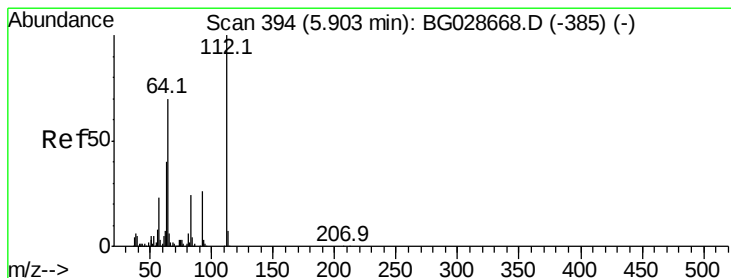
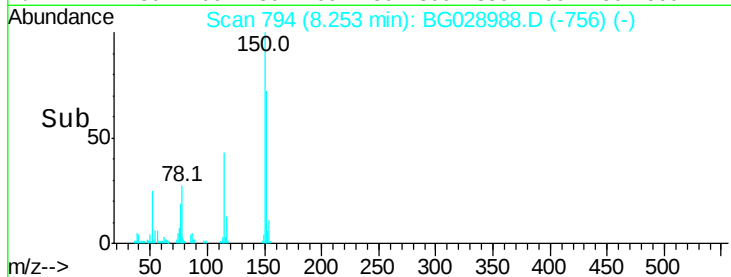
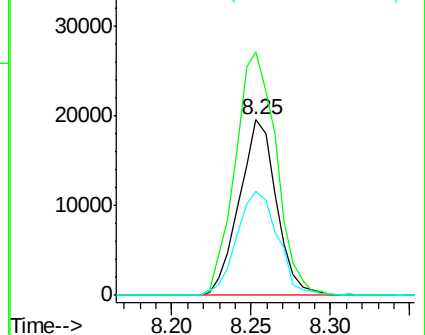
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.08 min
Lab File: BG028988.D
Acq: 30 Sep 2017 20:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31829
Ion Ratio Lower Upper
152 100
150 138.8 114.0 171.0
115 59.2 48.1 72.1



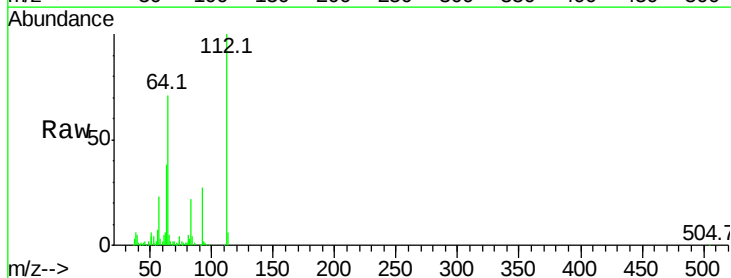
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



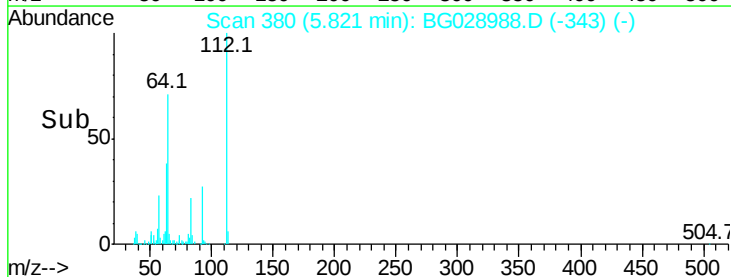
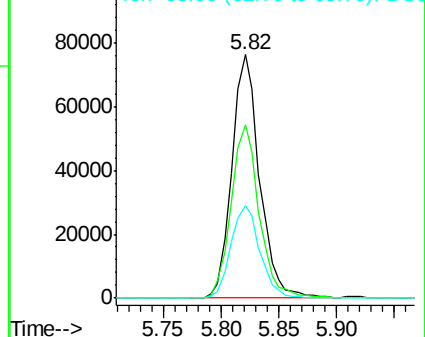
#5

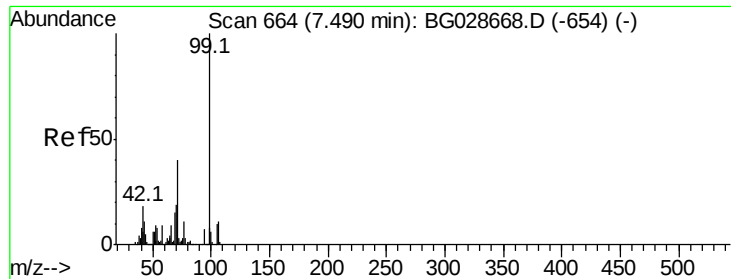
2-Fluorophenol
Concen: 65.897 ng
RT: 5.82 min Scan# 380
Delta R.T. -0.08 min
Lab File: BG028988.D
Acq: 30 Sep 2017 20:45

Tgt Ion:112 Resp: 127113
Ion Ratio Lower Upper
112 100
64 70.9 61.8 92.6
63 38.1 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: 38.323 ng

RT: 7.41 min Scan# 650

Delta R.T. -0.08 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

Instrument :

BNA_G

ClientSampleId :

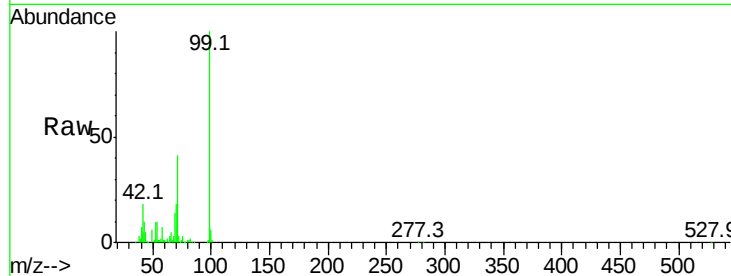
Tot Ion: 99 Resp: 111303

Ion Ratio Lower Upper

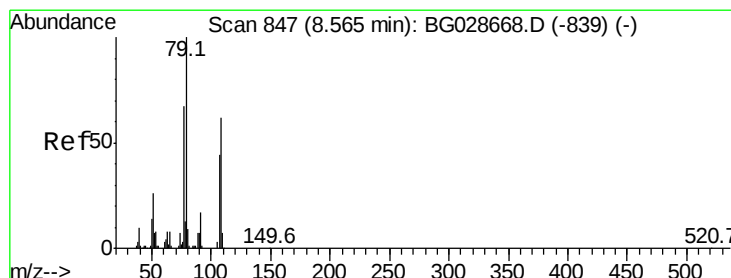
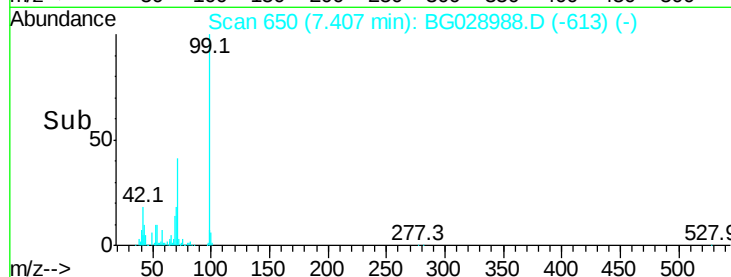
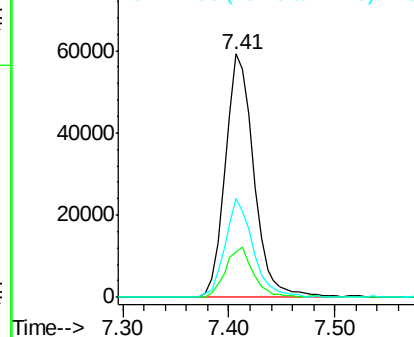
99 100

42 18.5 20.5 30.7#

71 40.8 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



#15

Benzyl Alcohol

Concen: 2.245 ng

RT: 8.59 min Scan# 851

Delta R.T. 0.02 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

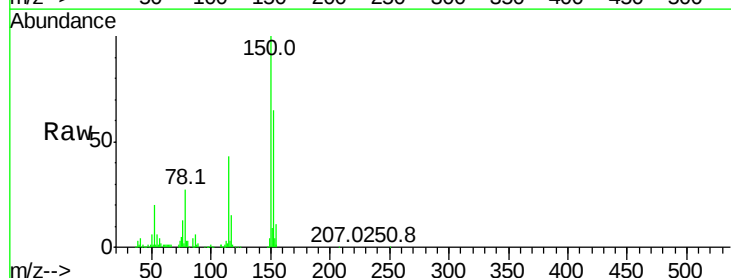
Tgt Ion: 79 Resp: 5090

Ion Ratio Lower Upper

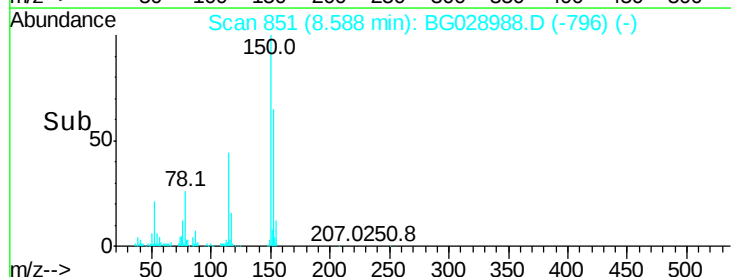
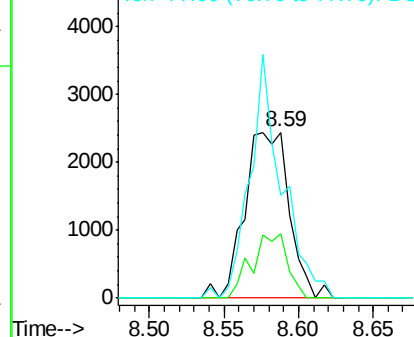
79 100

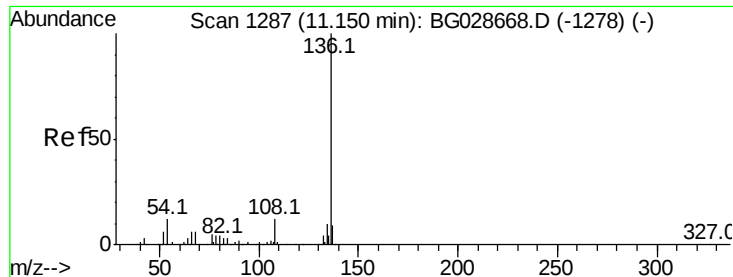
108 39.1 45.5 68.3#

77 61.8 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

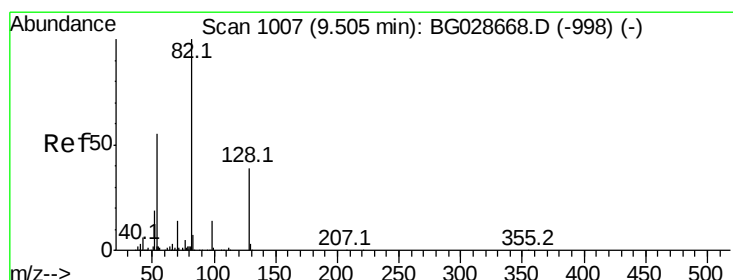
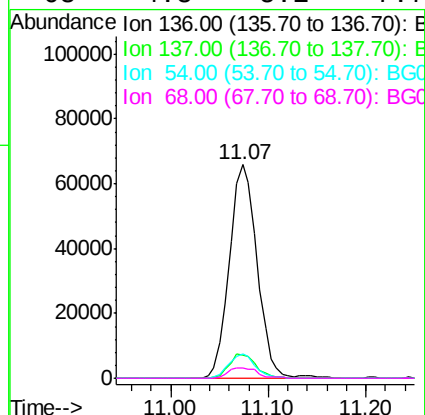
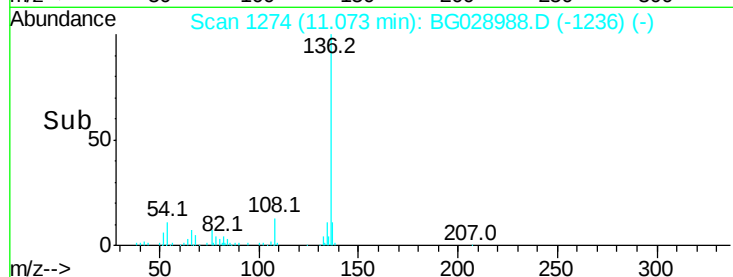
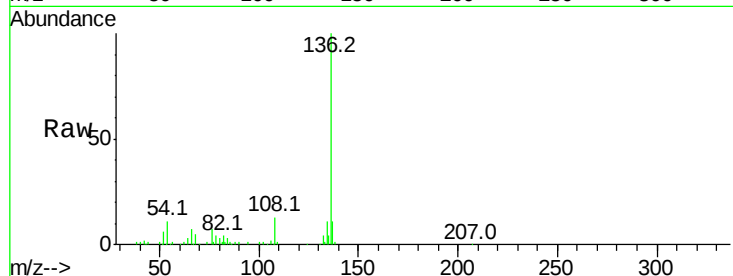




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.07 min Scan# 1274
Delta R.T. -0.08 min
Lab File: BG028988.D
Acq: 30 Sep 2017 20:45

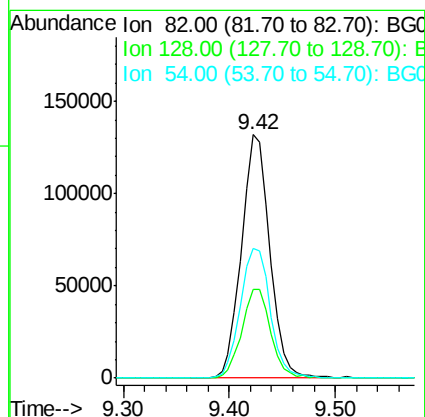
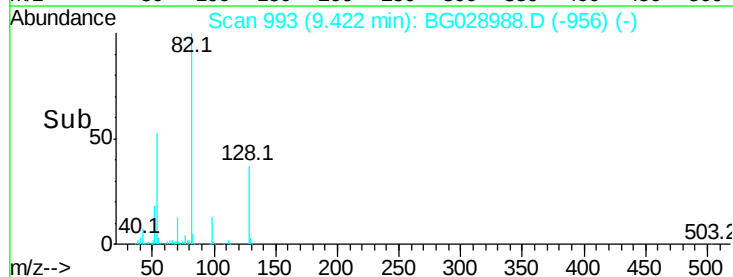
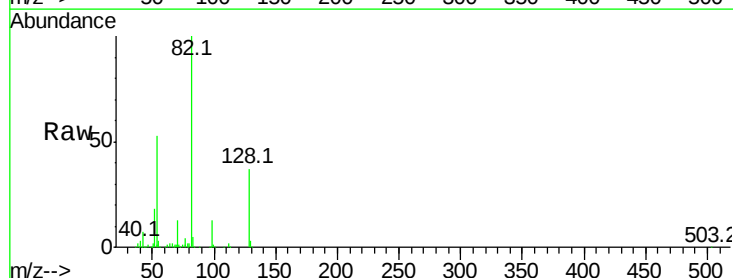
Instrument :
BNA_G
ClientSampleId :

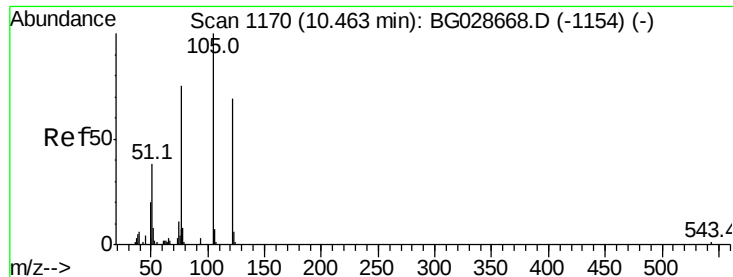
Tot Ion:	136	Resp:	129970
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.4	9.3	13.9
68	4.8	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 90.287 ng
RT: 9.42 min Scan# 993
Delta R.T. -0.08 min
Lab File: BG028988.D
Acq: 30 Sep 2017 20:45

Tgt Ion:	82	Resp:	245301
Ion	Ratio	Lower	Upper
82	100		
128	36.6	26.4	39.6
54	53.4	49.4	74.2





#32

Benzoic acid

Concen: 6.118 ng

RT: 10.53 min Scan# 1182

Delta R.T. 0.07 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

Instrument :

BNA_G

ClientSampled :

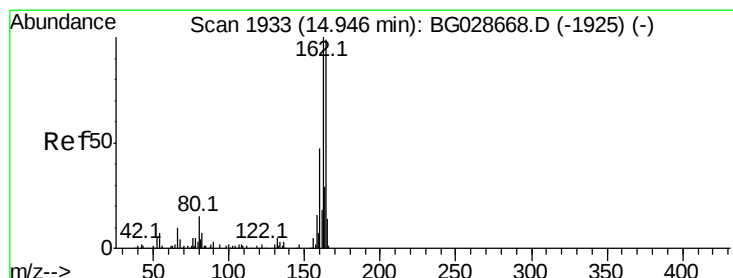
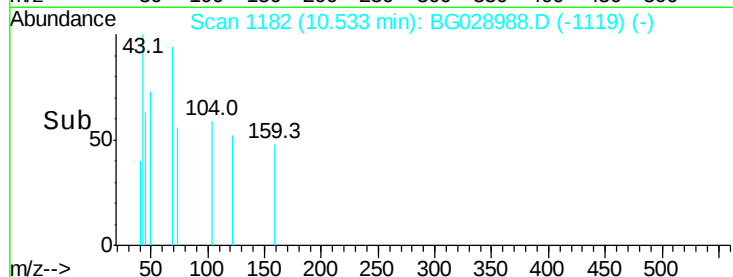
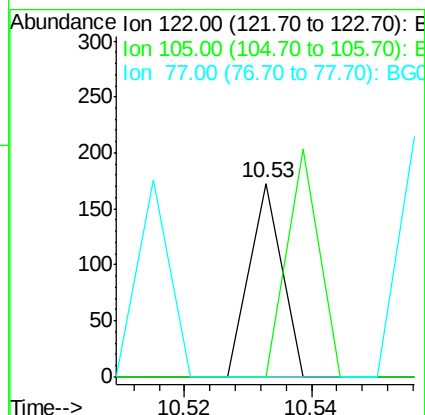
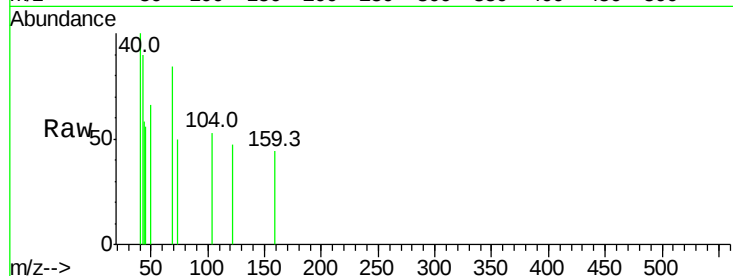
Tot Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

77 0.0 104.6 144.6#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.87 min Scan# 1921

Delta R.T. -0.07 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

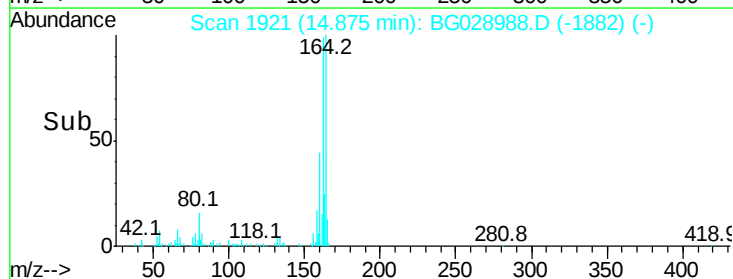
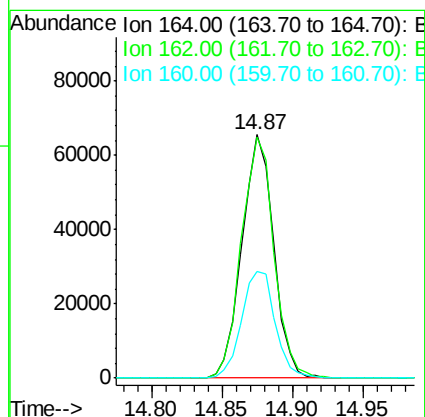
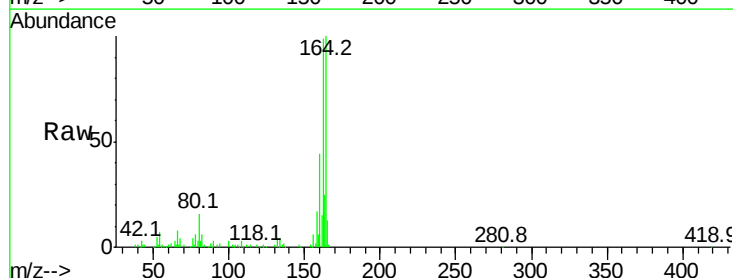
Tgt Ion:164 Resp: 103022

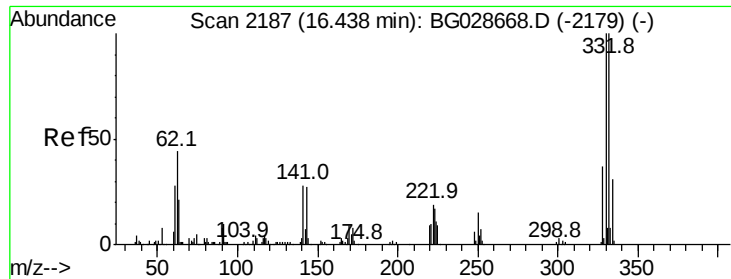
Ion Ratio Lower Upper

164 100

162 98.8 85.1 127.7

160 43.6 34.7 52.1

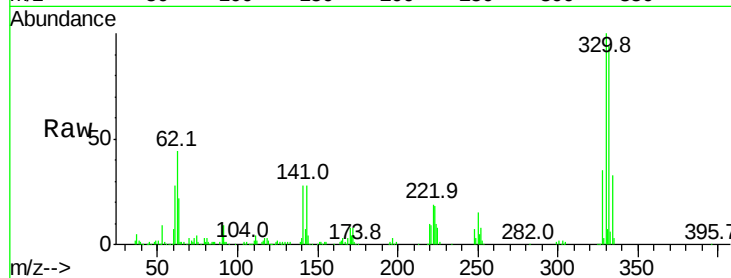




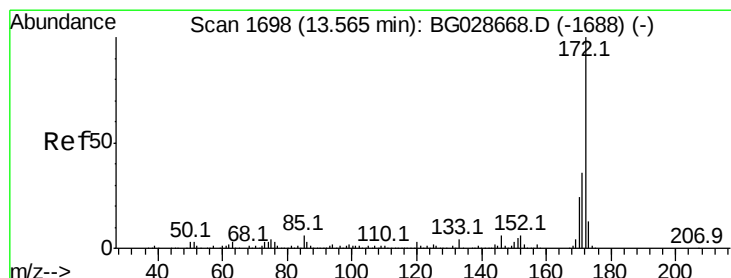
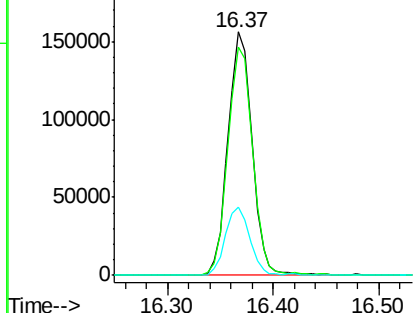
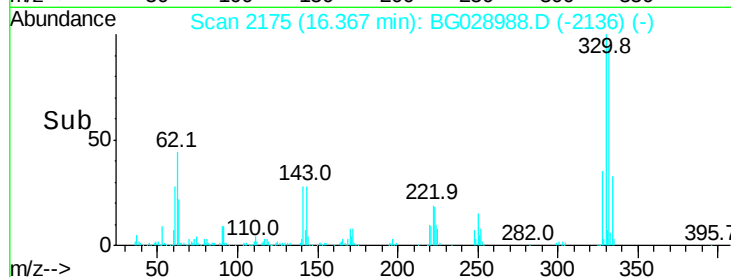
#41
 2,4,6-Tribromophenol
 Concen: 144.771 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.07 min
 Lab File: BG028988.D
 Acq: 30 Sep 2017 20:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 246678
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 28.7 32.1 48.1#

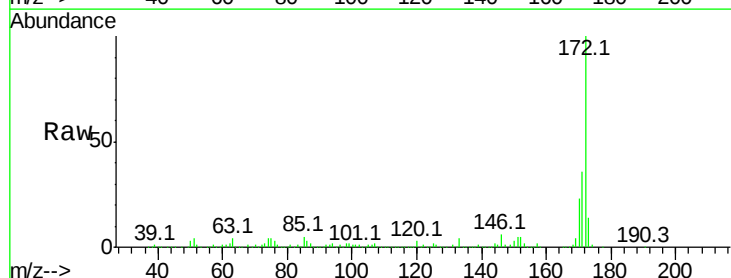


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

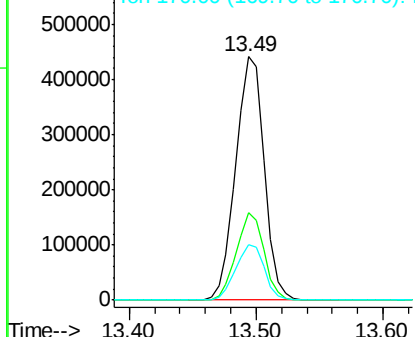
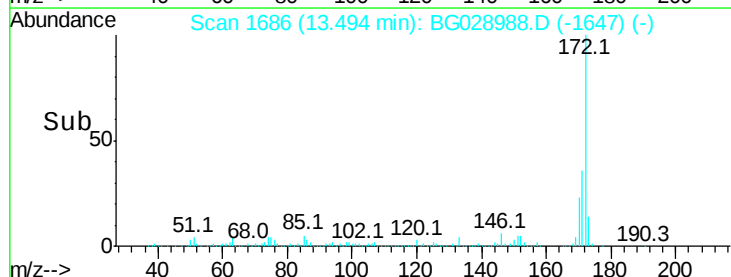


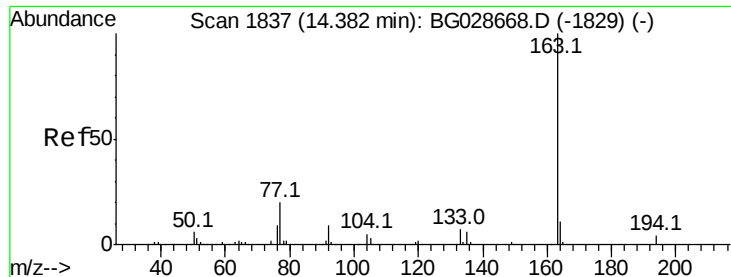
#44
 2-Fluorobiphenyl
 Concen: 88.562 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.07 min
 Lab File: BG028988.D
 Acq: 30 Sep 2017 20:45

Tgt Ion:172 Resp: 684241
 Ion Ratio Lower Upper
 172 100
 171 36.0 32.2 48.2
 170 22.9 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

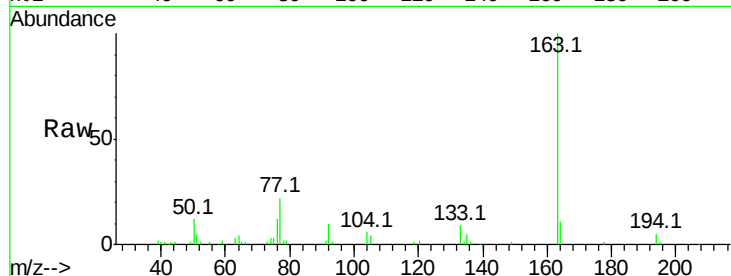




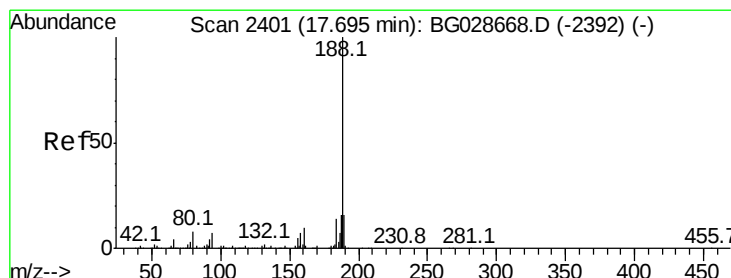
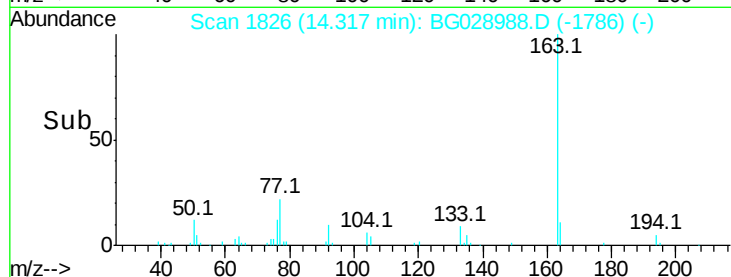
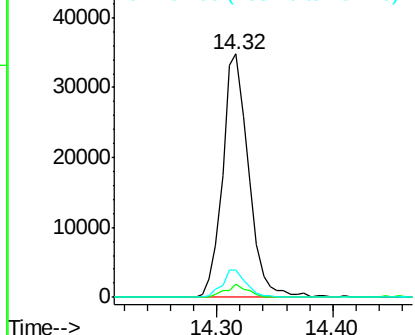
#49
Dimethylphthalate
Concen: 6.315 ng
RT: 14.32 min Scan# 1826
Delta R.T. -0.07 min
Lab File: BG028988.D
Acq: 30 Sep 2017 20:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 54555
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.6
164 11.0 9.3 13.9

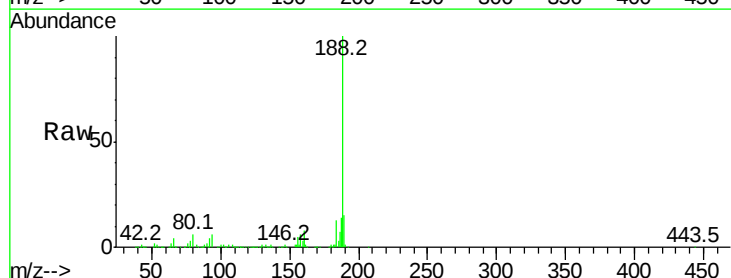


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

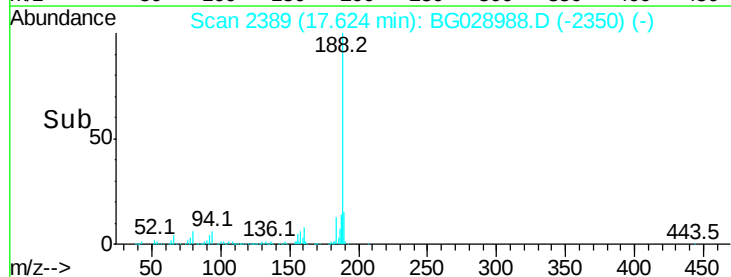
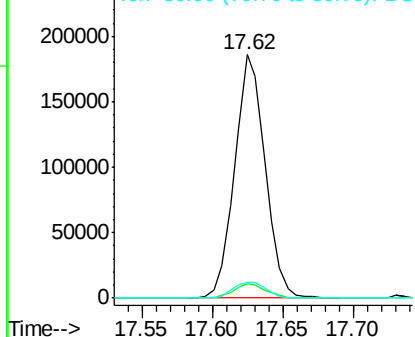


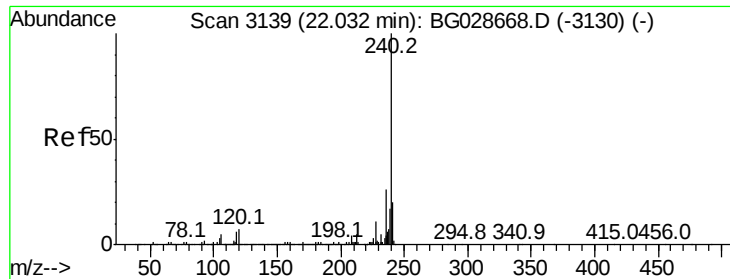
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.62 min Scan# 2389
Delta R.T. -0.07 min
Lab File: BG028988.D
Acq: 30 Sep 2017 20:45

Tgt Ion:188 Resp: 278758
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 6.3 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.09 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

Instrument :

BNA_G

ClientSampleId :

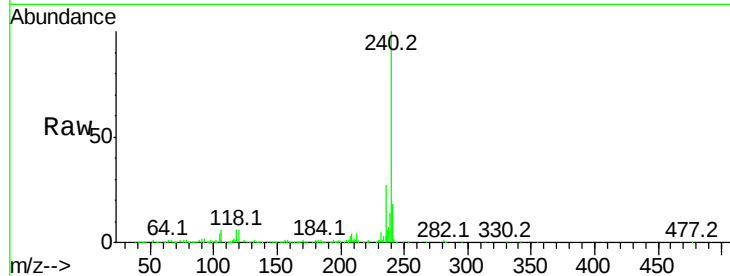
Tot Ion:240 Resp: 314863

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

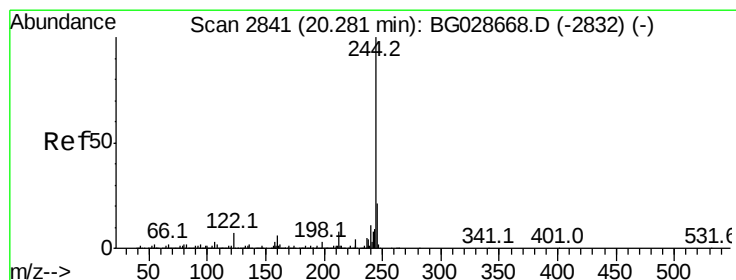
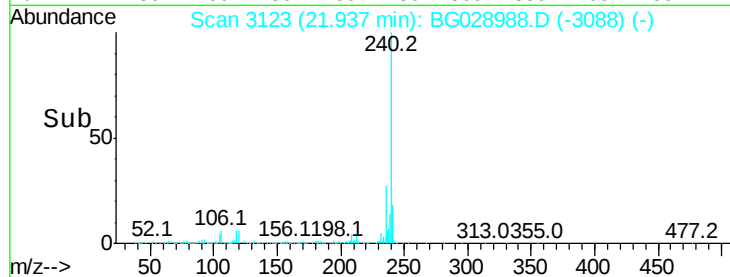
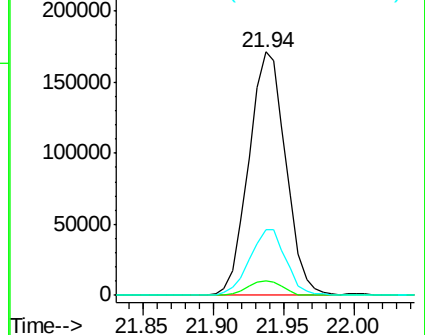
236 27.0 22.2 33.4



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: 85.628 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.07 min

Lab File: BG028988.D

Acq: 30 Sep 2017 20:45

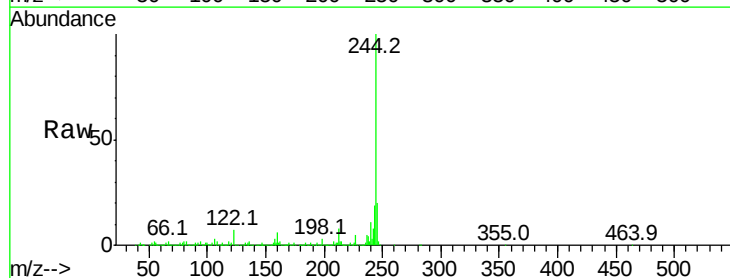
Tgt Ion:244 Resp: 1264258

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

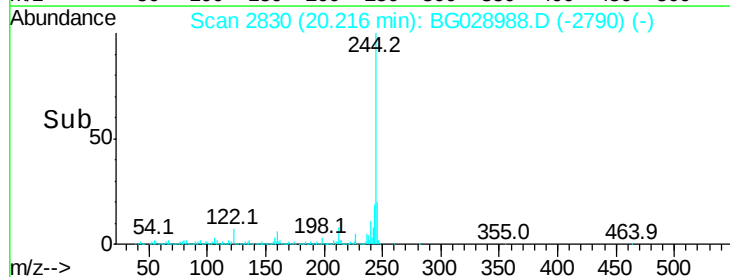
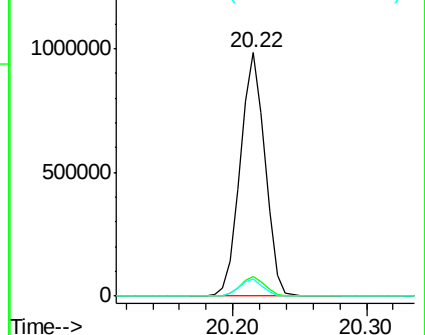
122 7.2 8.6 12.8#

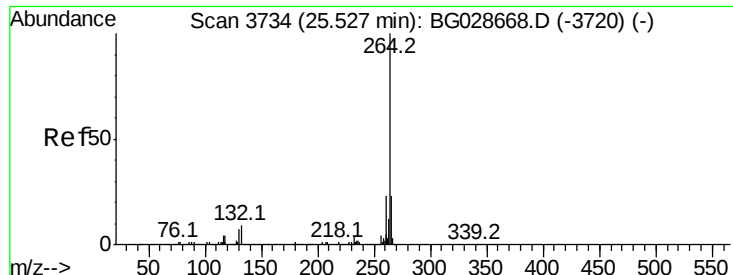


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

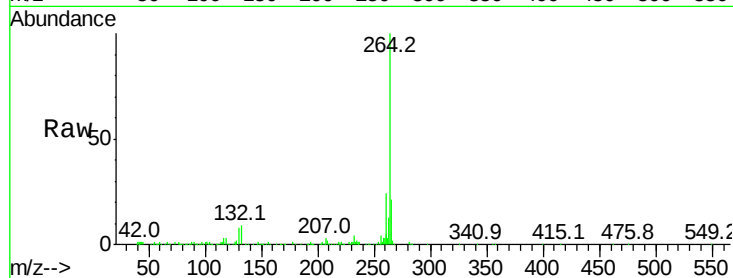




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.37 min Scan# 3707
 Delta R.T. -0.16 min
 Lab File: BG028988.D
 Acq: 30 Sep 2017 20:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	20.9	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

