

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028938.D
 Acq On : 26 Sep 2017 11:10
 Operator : SJ/JU
 Sample : I5306-01RE
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 12:02:26 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

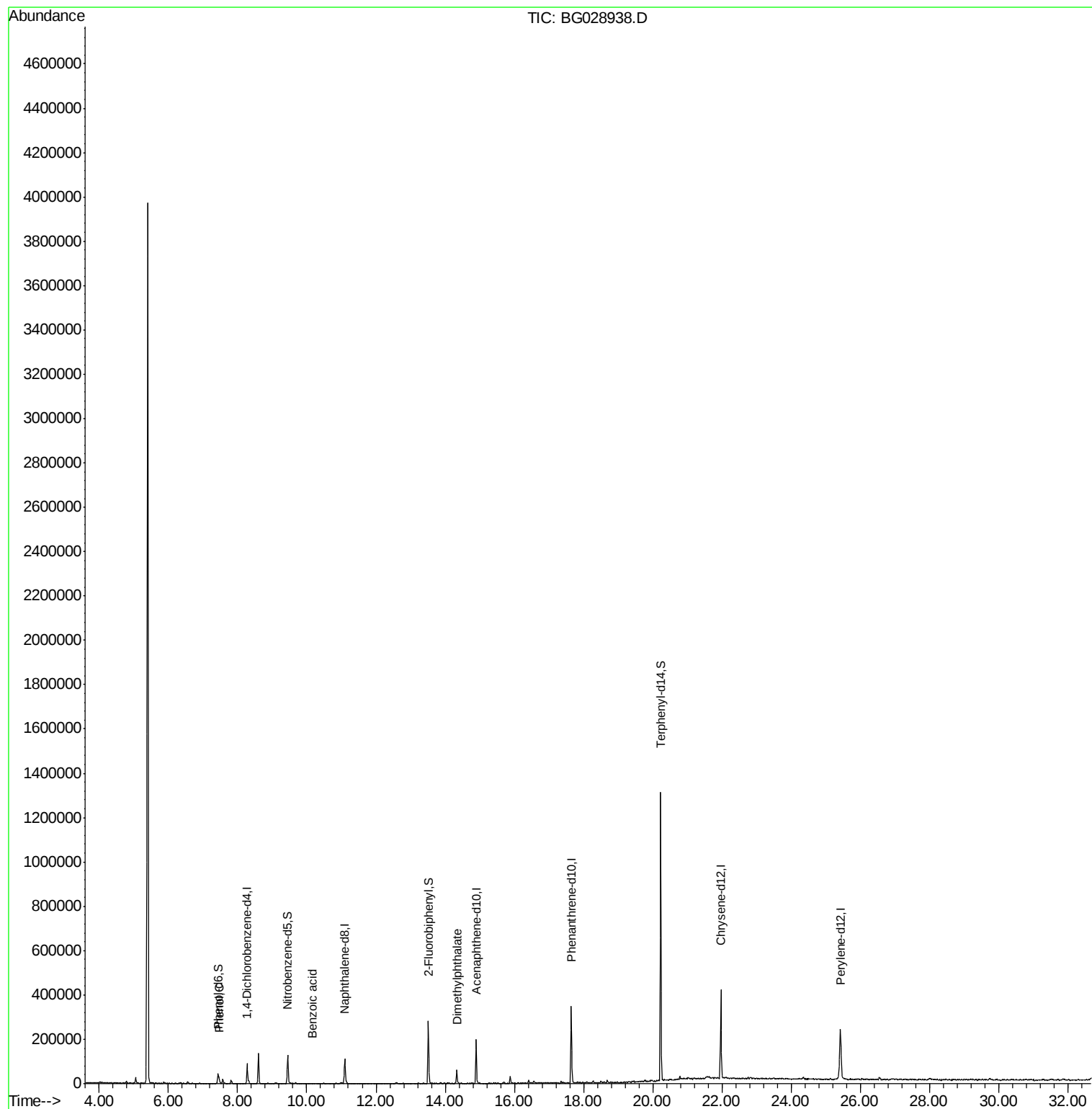
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25097	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	100404	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	75840	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	235022	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	277434	20.00	ng	-0.07
86) Perylene-d12	25.41	264	286268	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	2488	1.64	ng	-0.04
7) Phenol-d6	7.44	99	30342	13.25	ng	-0.05
23) Nitrobenzene-d5	9.45	82	90095	42.93	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	1017	0.81	ng	-0.04
44) 2-Fluorobiphenyl	13.51	172	160419	28.20	ng	-0.05
78) Terphenyl-d14	20.23	244	625808	48.10	ng	-0.05
Target Compounds						
10) Phenol	7.46	94	12538	5.188	ng	89
32) Benzoic acid	10.17	122	84	6.143	ng	# 1
49) Dimethylphthalate	14.33	163	46829	7.364	ng	# 95

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

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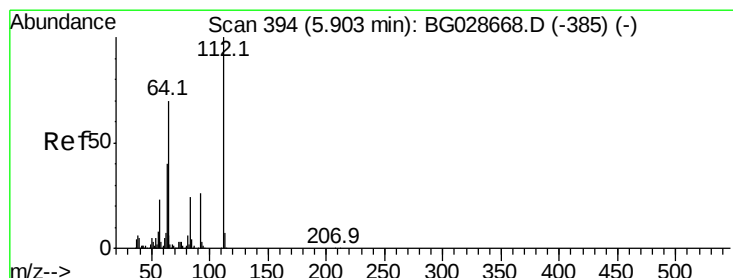
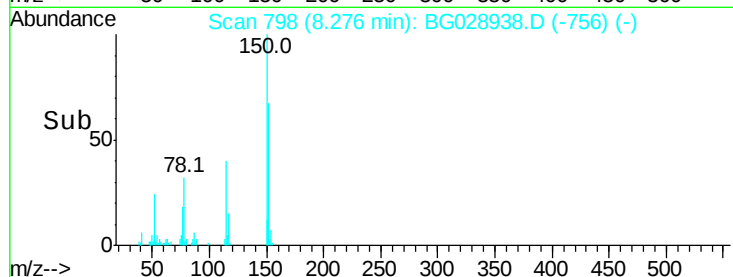
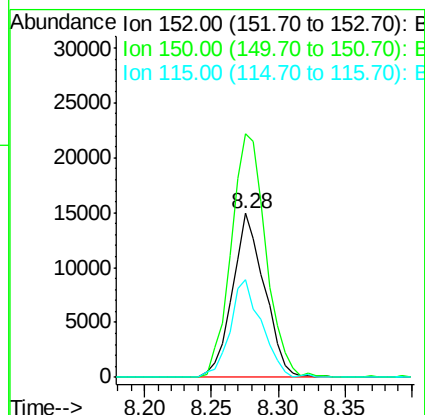
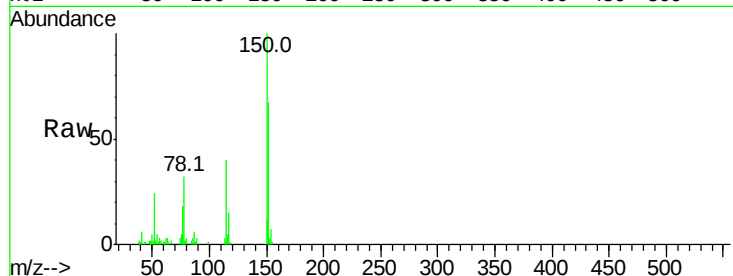


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Instrument :
BNA_G
ClientSampleId :

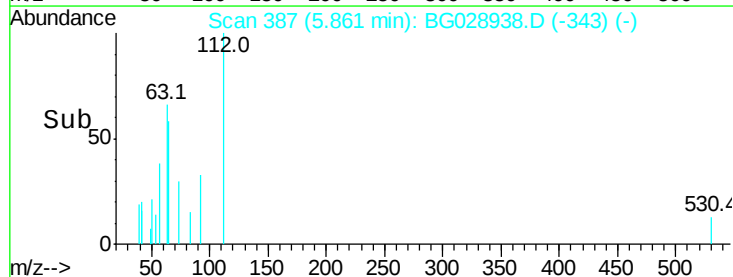
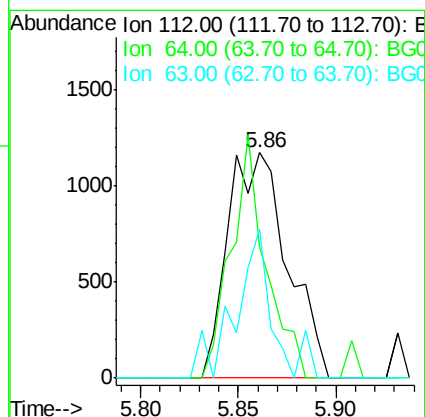
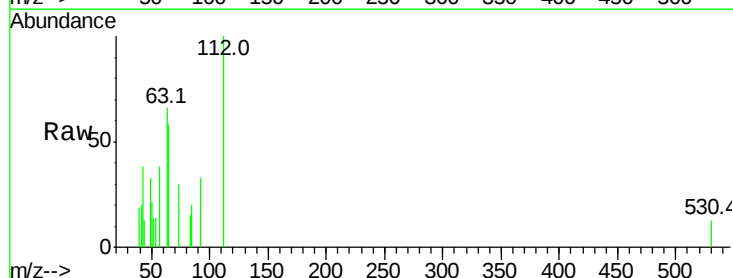
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.7	114.0	171.0
115	59.9	48.1	72.1



#5

2-Fluorophenol
Concen: 1.636 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	61.8	92.6#
63	66.3	37.2	55.8#





#7

Phenol-d6

Concen: 13.250 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

Instrument :

BNA_G

ClientSampleId :

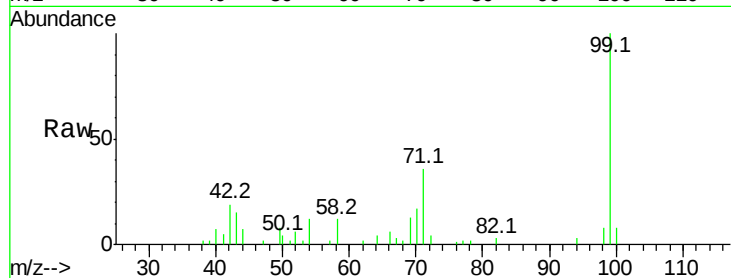
Tot Ion: 99 Resp: 30342

Ion Ratio Lower Upper

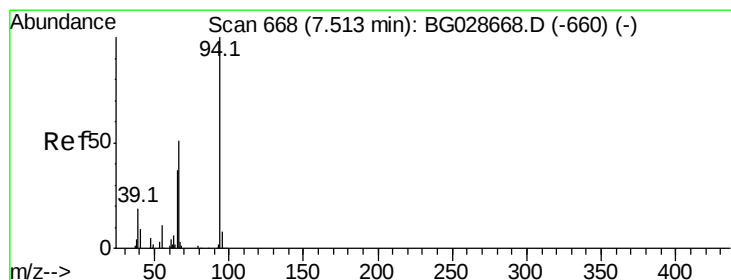
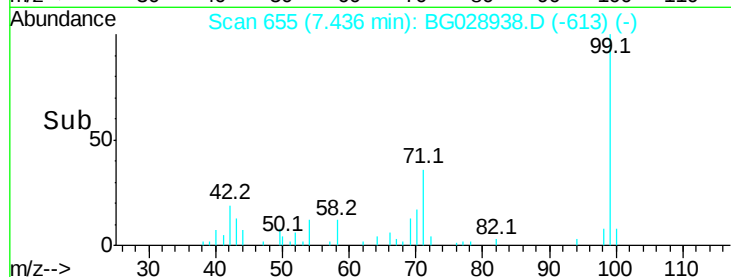
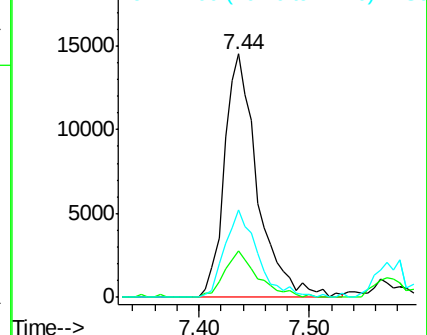
99 100

42 19.2 20.5 30.7#

71 35.8 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



#10

Phenol

Concen: 5.188 ng

RT: 7.46 min Scan# 660

Delta R.T. -0.05 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

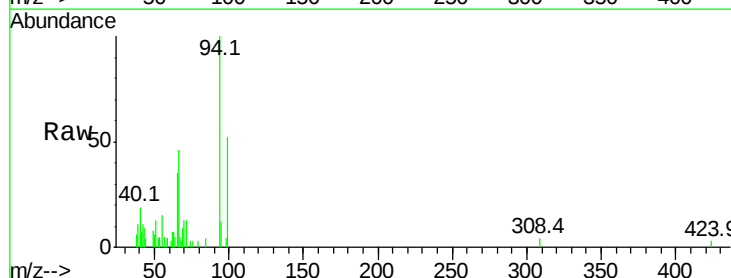
Tgt Ion: 94 Resp: 12538

Ion Ratio Lower Upper

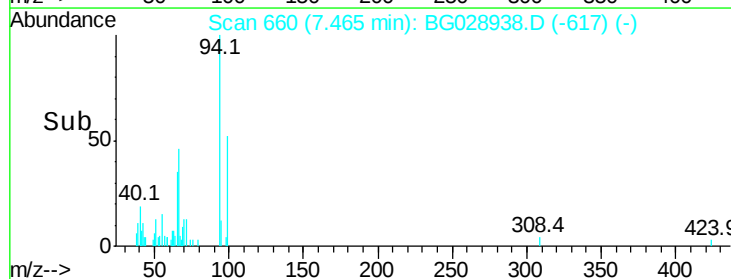
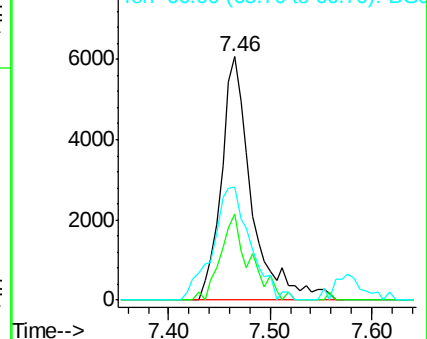
94 100

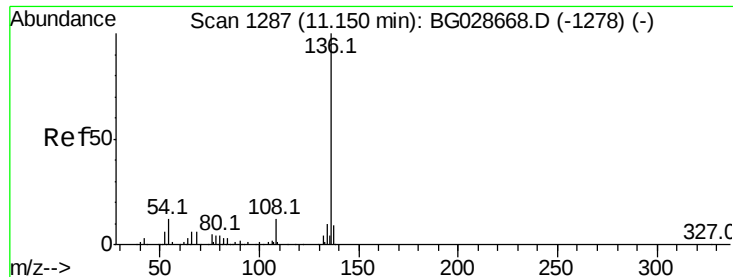
65 35.5 20.6 60.6

66 46.3 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

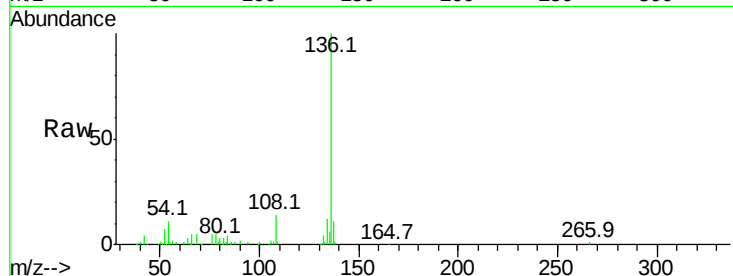




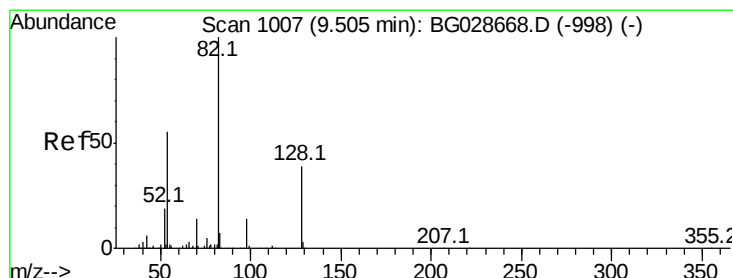
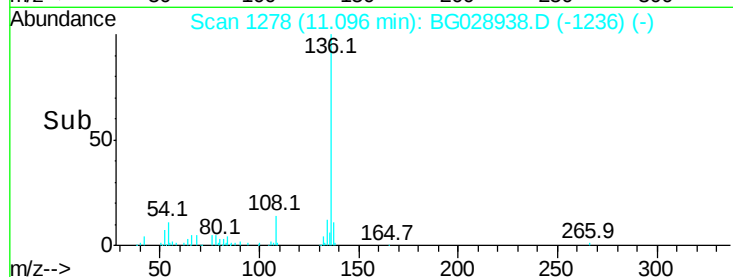
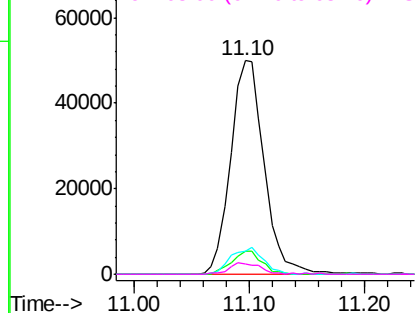
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	100404
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	11.0	9.3	13.9
68	5.0	5.1	7.7#

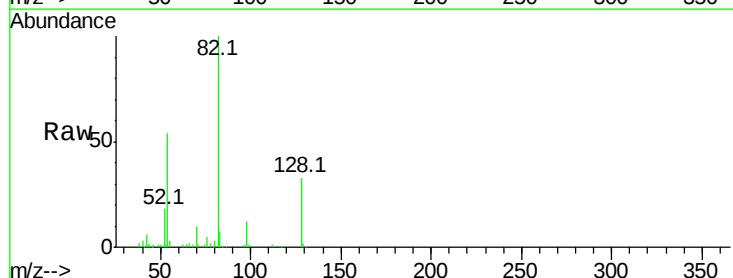


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

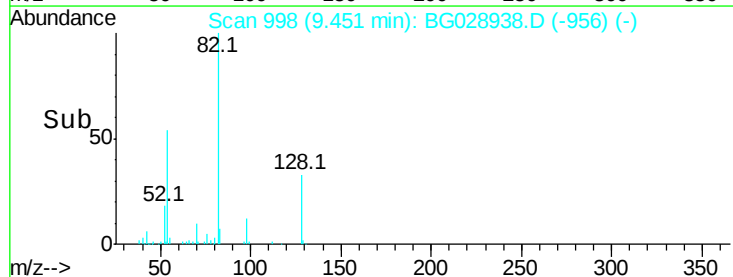
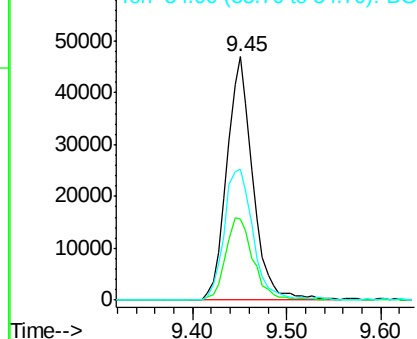


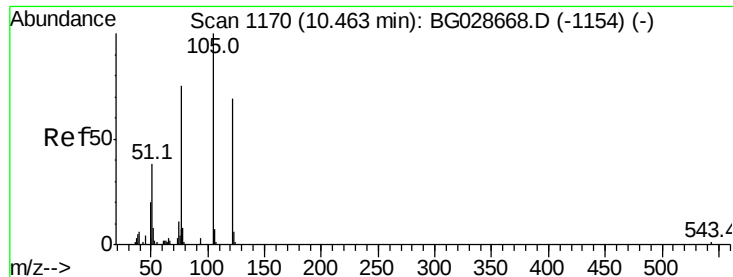
#23
Nitrobenzene-d5
Concen: 42.926 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Tgt Ion:	82	Resp:	90095
Ion	Ratio	Lower	Upper
82	100		
128	33.1	26.4	39.6
54	54.0	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

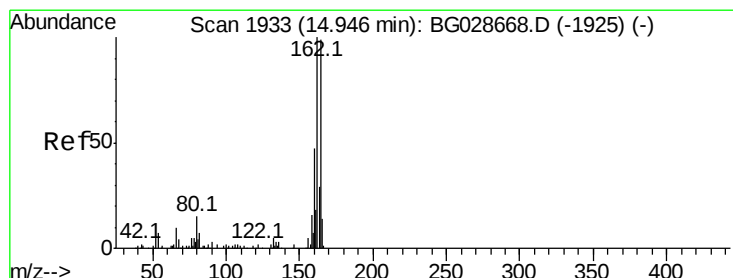
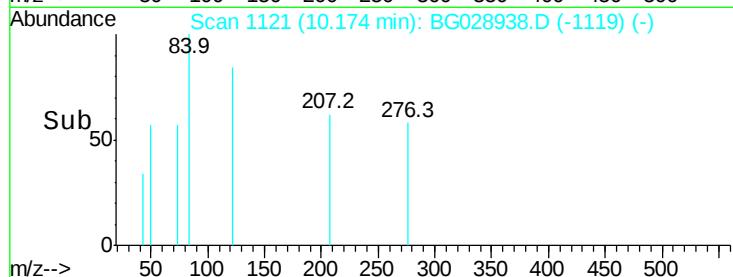
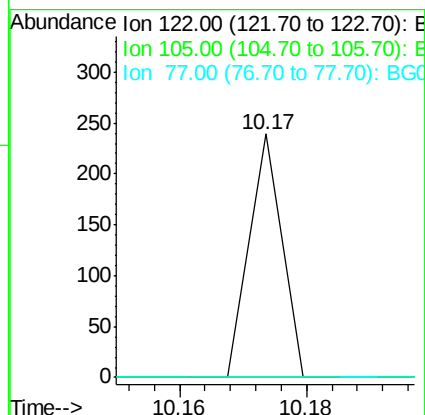
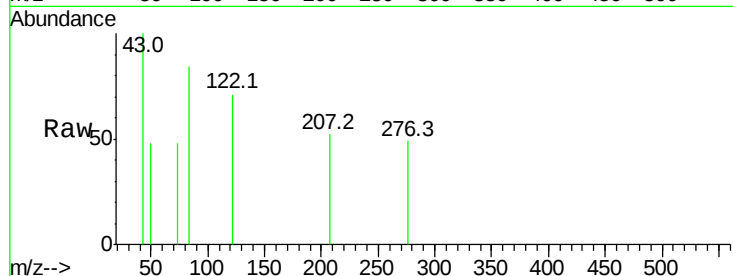




#32
Benzoic acid
Concen: 6.143 ng
RT: 10.17 min Scan# 1121
Delta R.T. -0.29 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

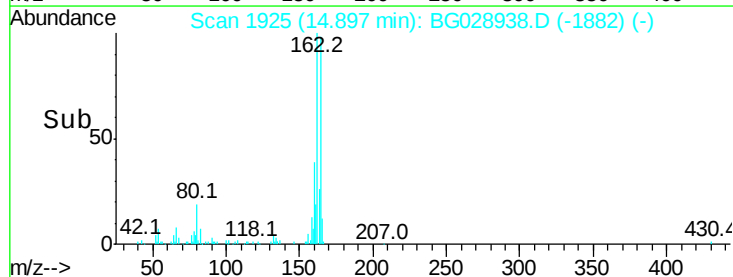
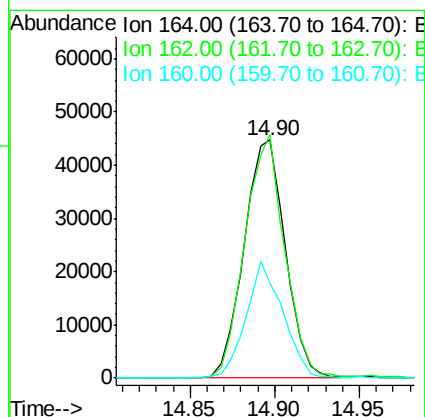
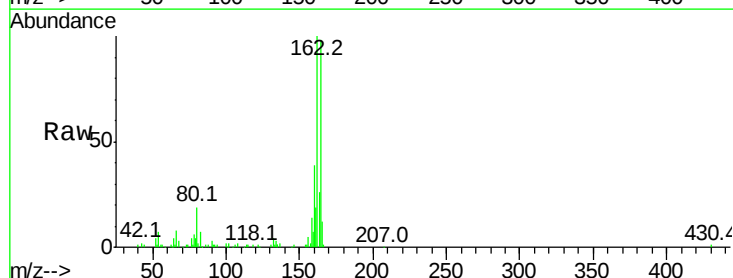
Instrument :
BNA_G
ClientSampleId :

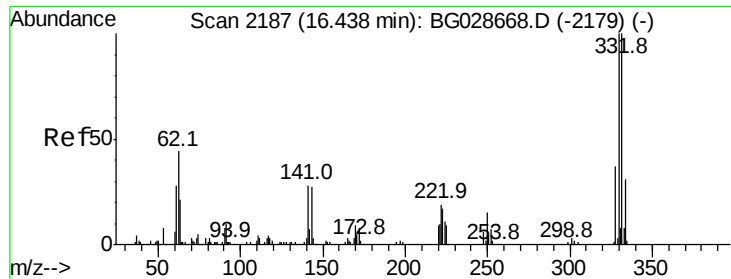
Tot Ion:122 Resp: 84
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Tgt Ion:164 Resp: 75840
Ion Ratio Lower Upper
164 100
162 102.3 85.1 127.7
160 39.9 34.7 52.1

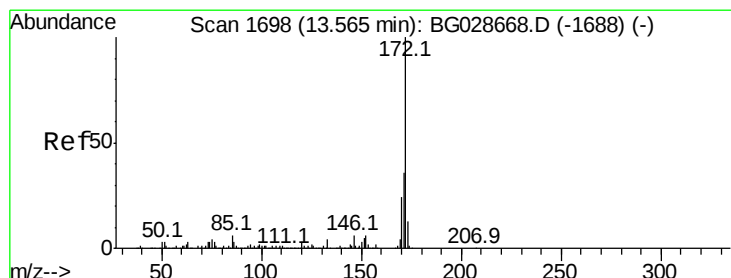
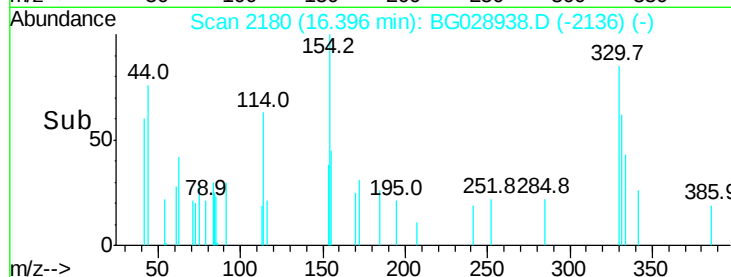
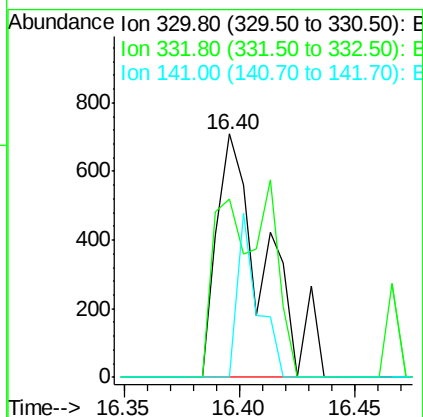
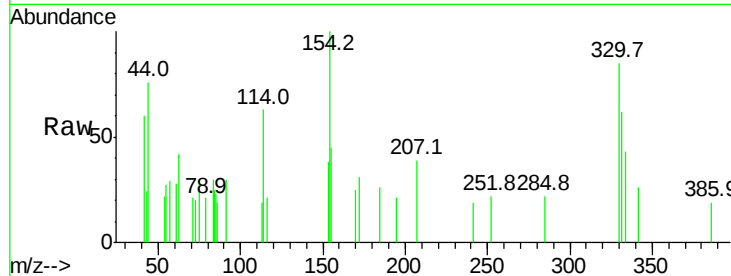




#41
 2,4,6-Tribromophenol
 Concen: 0.811 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028938.D
 Acq: 26 Sep 2017 11:10

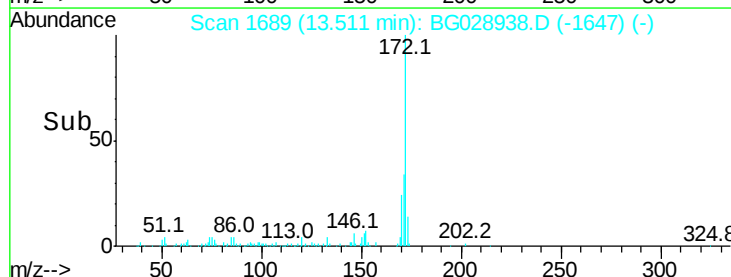
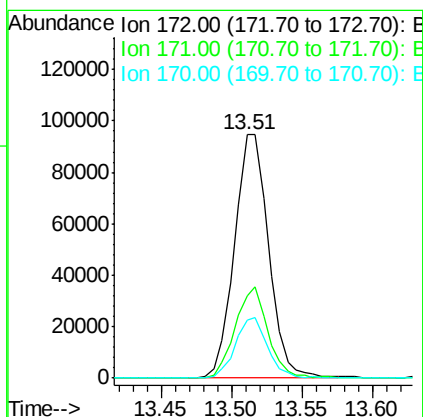
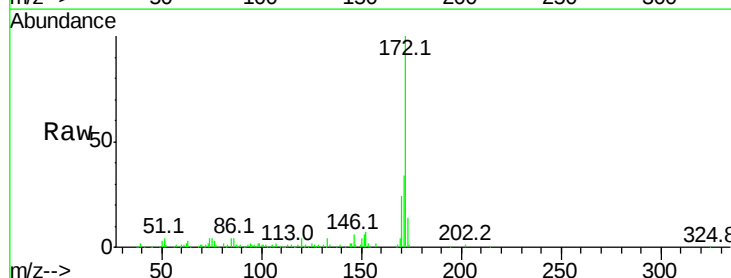
Instrument :
 BNA_G
 ClientSampled :

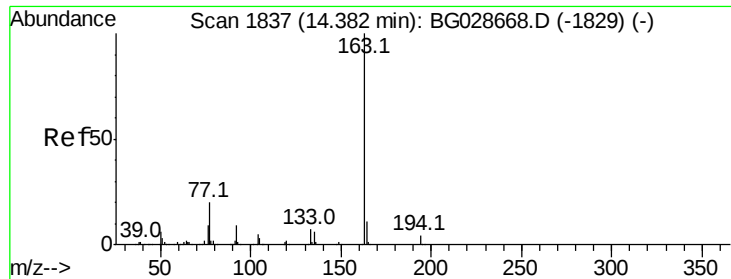
Tot Ion:330 Resp: 1017
 Ion Ratio Lower Upper
 330 100
 332 87.2 77.3 115.9
 141 29.1 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 28.205 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028938.D
 Acq: 26 Sep 2017 11:10

Tgt Ion:172 Resp: 160419
 Ion Ratio Lower Upper
 172 100
 171 33.6 32.2 48.2
 170 24.1 21.8 32.6

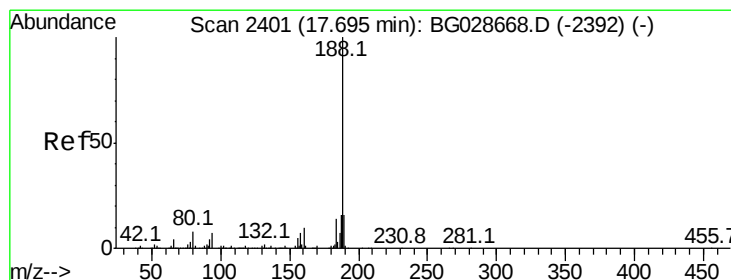
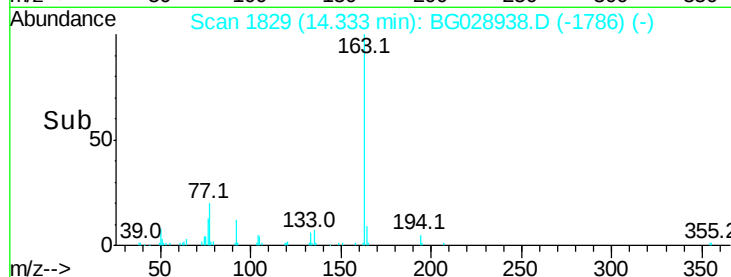
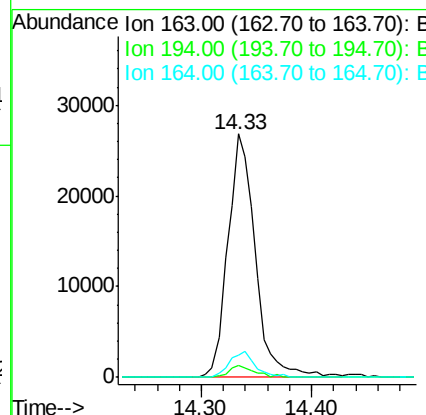
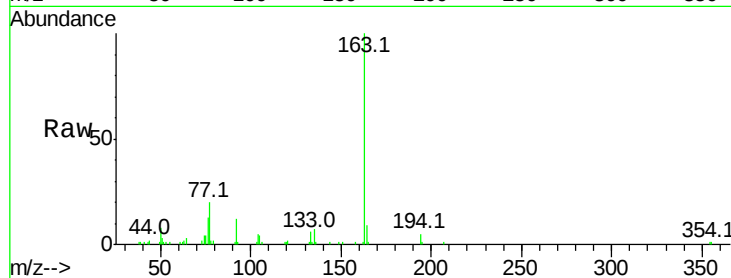




#49
Dimethylphthalate
Concen: 7.364 ng
RT: 14.33 min Scan# 1829
Delta R.T. -0.05 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

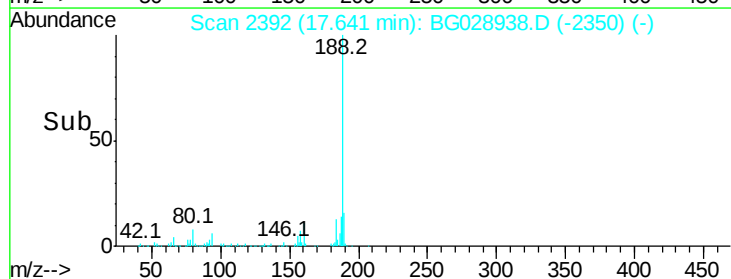
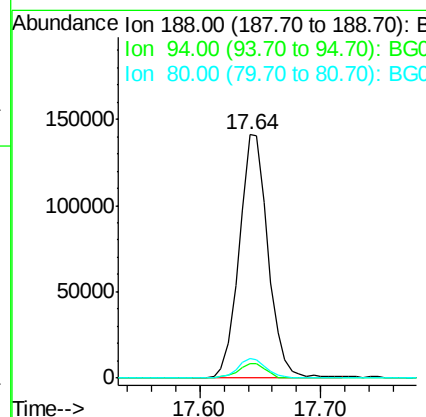
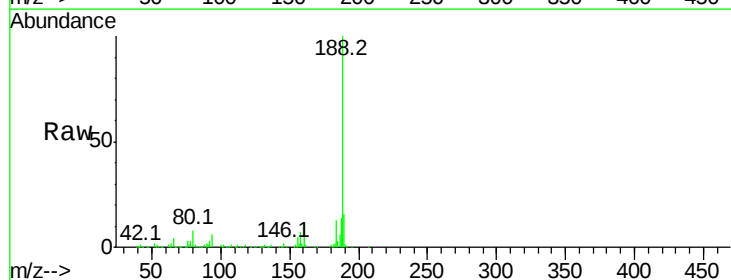
Instrument :
BNA_G
ClientSampleId :

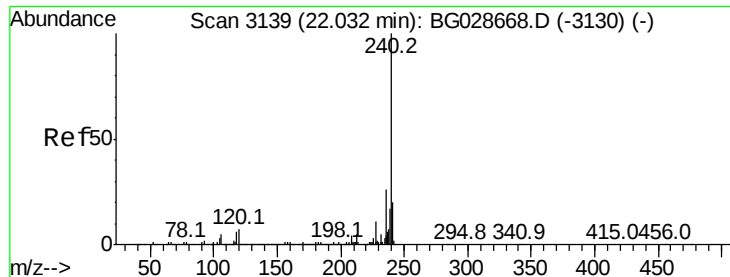
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.6
164	8.9	9.3	13.9#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.8	8.8
80	7.9	7.5	11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

Instrument :

BNA_G

ClientSampleId :

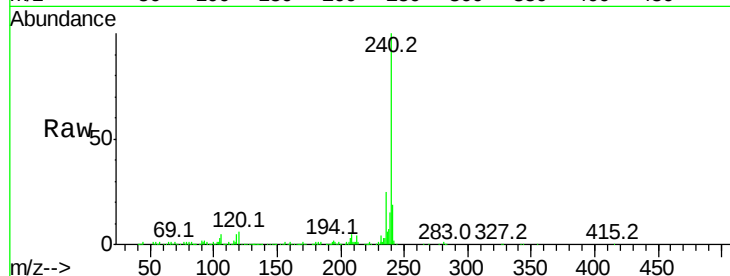
Tot Ion:240 Resp: 277434

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

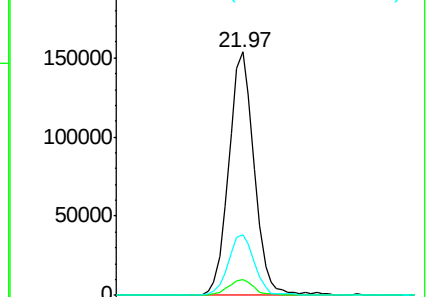
236 24.9 22.2 33.4



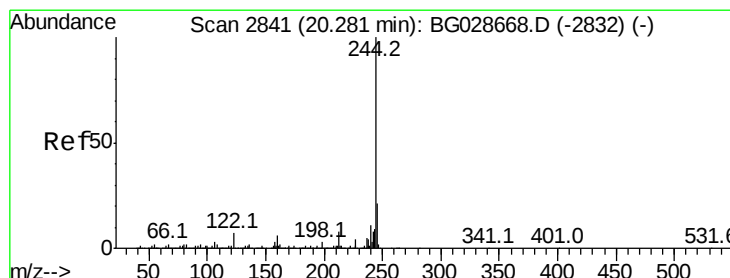
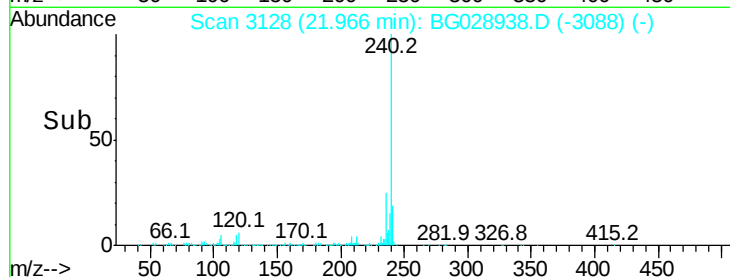
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 48.104 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028938.D

Acq: 26 Sep 2017 11:10

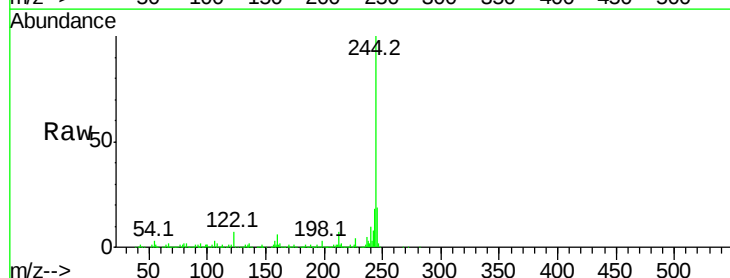
Tgt Ion:244 Resp: 625808

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

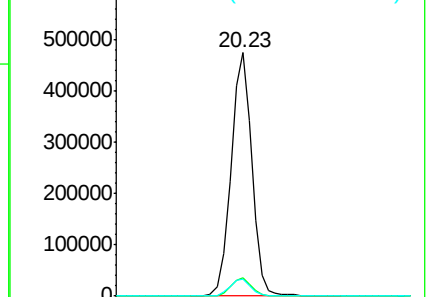
122 7.1 8.6 12.8#



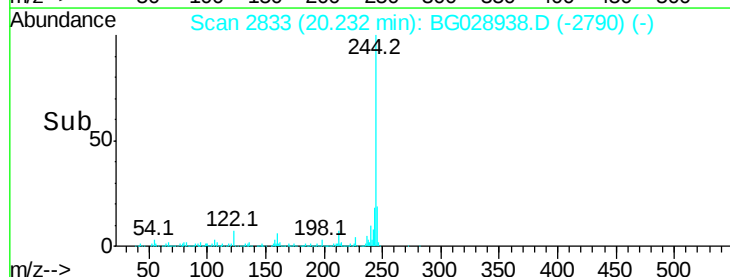
Abundance Ion 244.00 (243.70 to 244.70): E

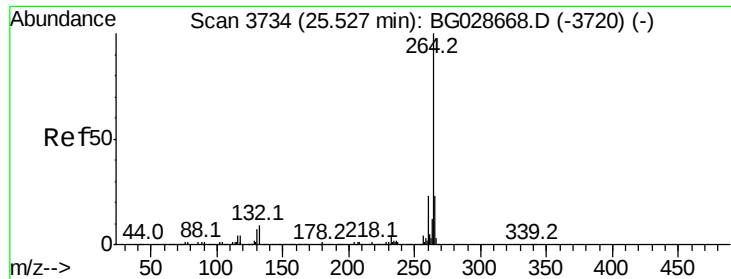
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

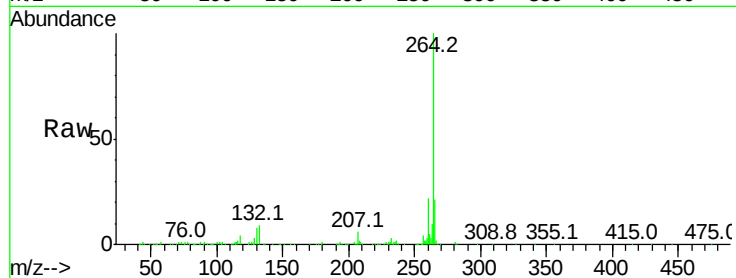




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.41 min Scan# 3715
Delta R.T. -0.11 min
Lab File: BG028938.D
Acq: 26 Sep 2017 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	21.2	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

