

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028761.D
 Acq On : 15 Sep 2017 9:56
 Operator : SJ/JU
 Sample : I5223-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 11:32:16 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

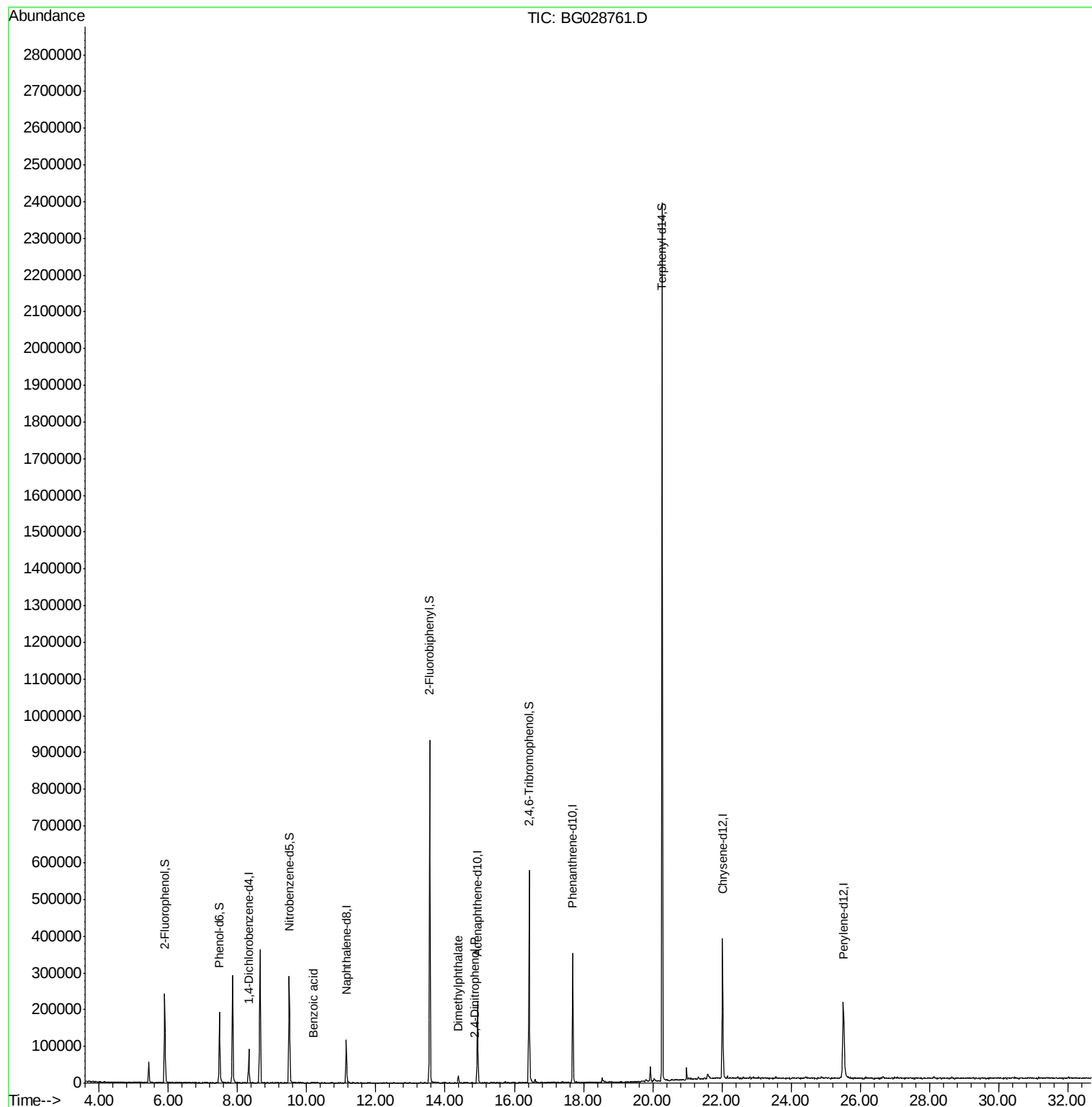
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	26816	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	106729	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	83191	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	238139	20.00	ng	0.00
75) Chrysene-d12	22.02	240	269154	20.00	ng	0.00
86) Perylene-d12	25.52	264	280738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	104289	64.17	ng	0.00
7) Phenol-d6	7.48	99	120950	49.43	ng	0.00
23) Nitrobenzene-d5	9.50	82	192113	86.11	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	128065	93.08	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	516294	82.75	ng	0.00
78) Terphenyl-d14	20.28	244	1106975	87.71	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	61	6.125	ng	Qvalue # 1
49) Dimethylphthalate	14.38	163	17525	2.512	ng	95
53) 2,4-Dinitrophenol	14.85	184	67	8.075	ng	# 15

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

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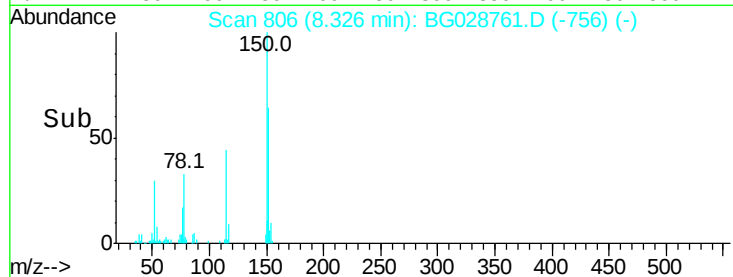
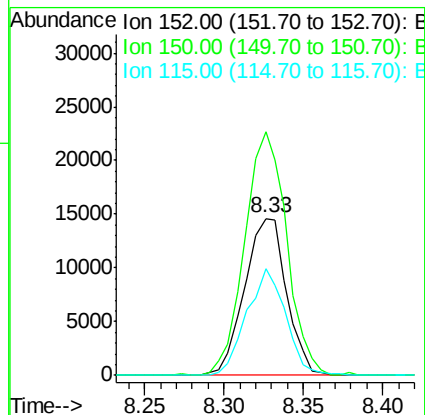
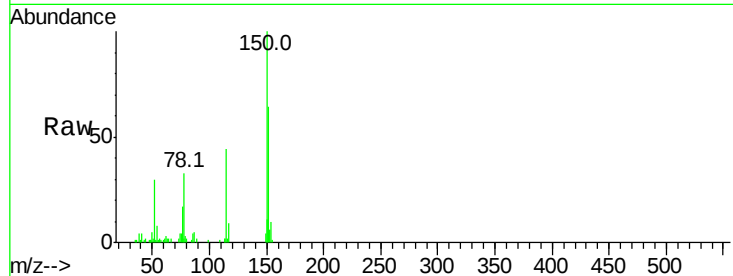


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG028761.D
Acq: 15 Sep 2017 9:56

Instrument :
BNA_G
ClientSampleId :

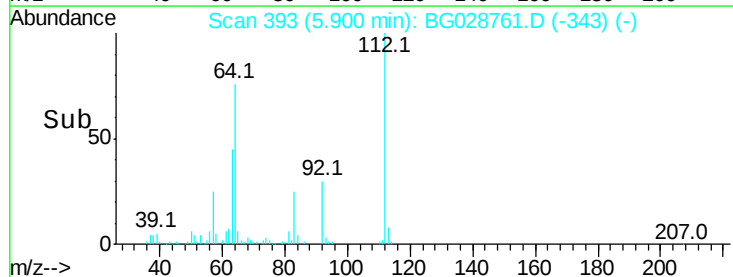
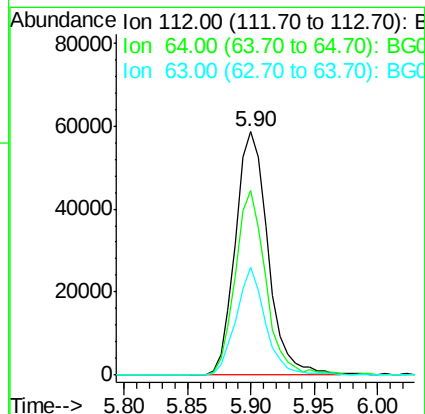
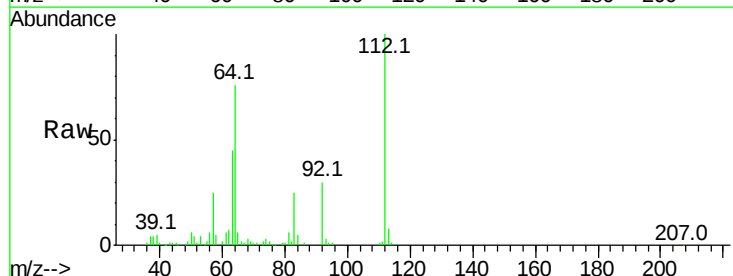
Tot Ion:152 Resp: 26816
Ion Ratio Lower Upper
152 100
150 155.5 114.0 171.0
115 68.0 48.1 72.1

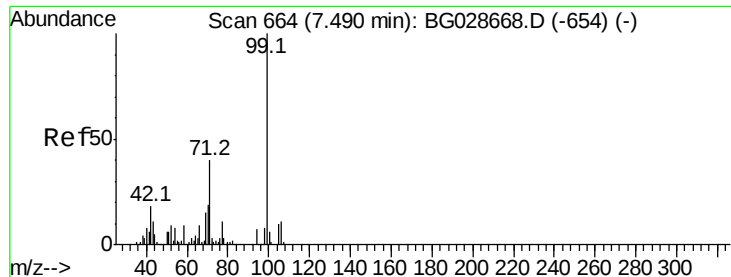


#5

2-Fluorophenol
Concen: 64.171 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG028761.D
Acq: 15 Sep 2017 9:56

Tgt Ion:112 Resp: 104289
Ion Ratio Lower Upper
112 100
64 76.0 61.8 92.6
63 44.5 37.2 55.8





#7

Phenol-d6

Concen: 49.430 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

Instrument :

BNA_G

ClientSampleId :

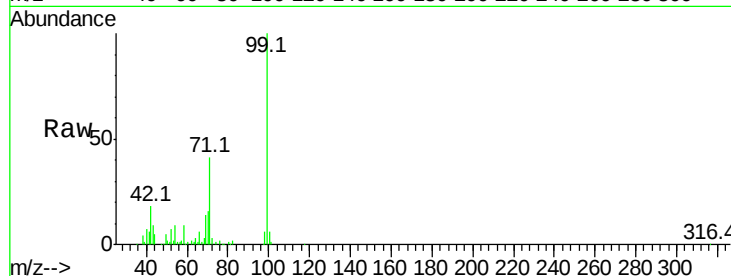
Tot Ion: 99 Resp: 120950

Ion Ratio Lower Upper

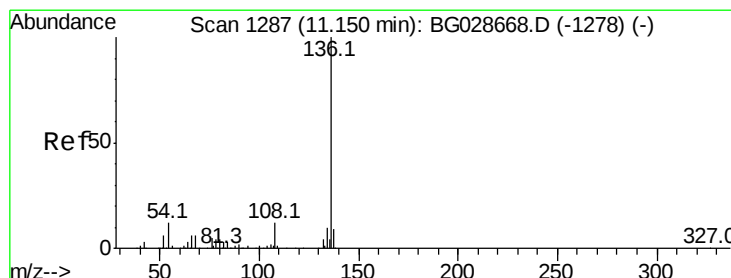
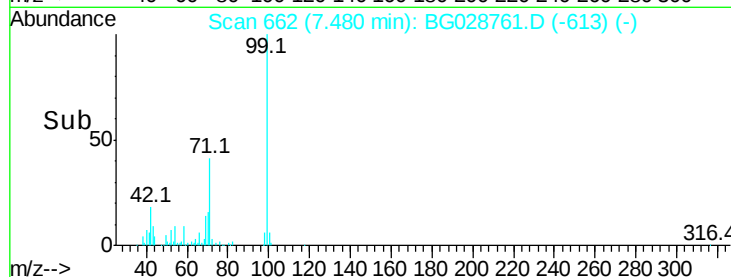
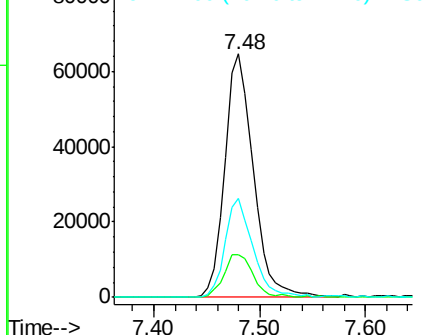
99 100

42 17.7 20.5 30.7#

71 40.7 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: 20.000 ng

RT: 11.15 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

Tgt Ion: 136 Resp: 106729

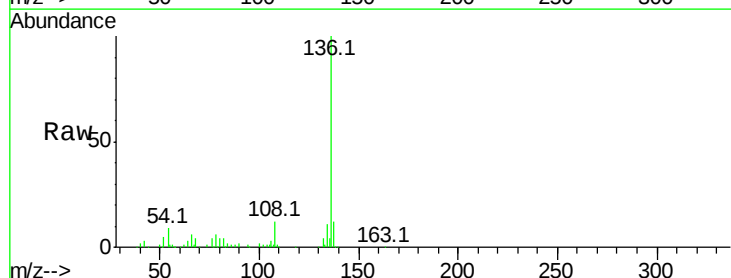
Ion Ratio Lower Upper

136 100

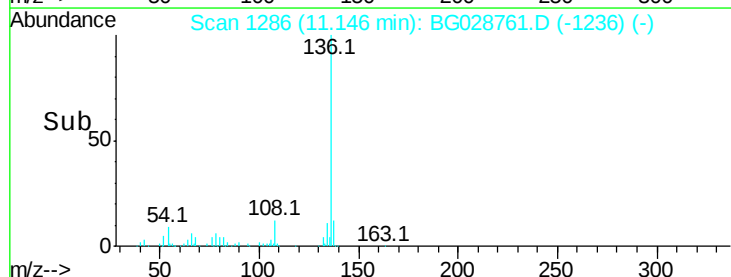
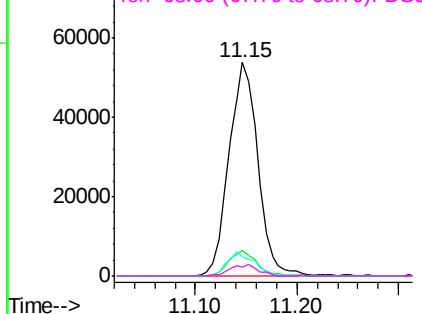
137 11.9 8.9 13.3

54 9.0 9.3 13.9#

68 4.2 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

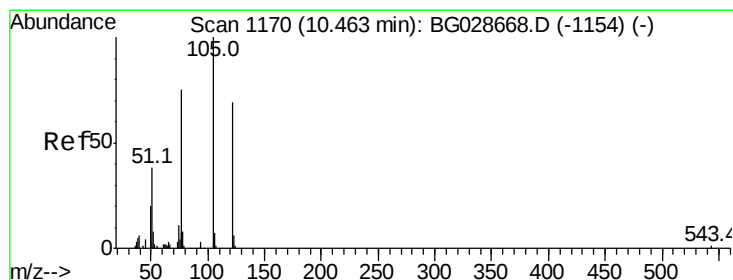
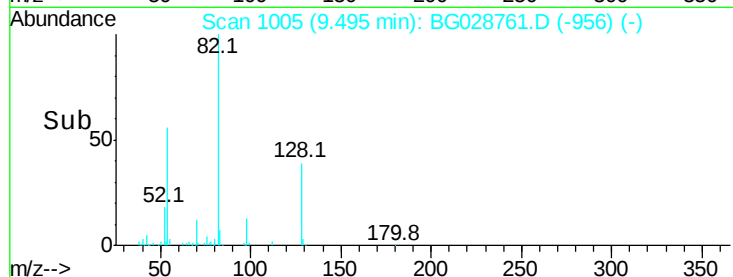
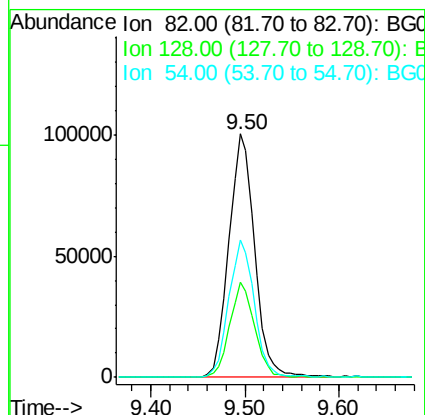
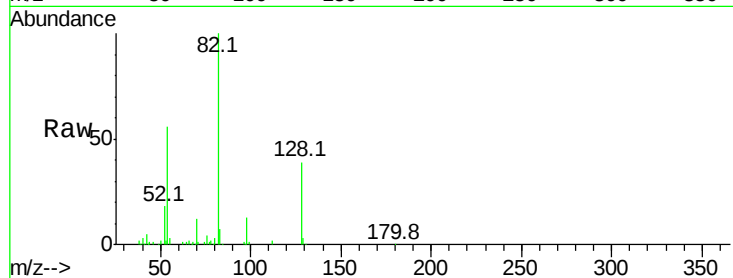




#23
 Nitrobenzene-d5
 Concen: 86.108 ng
 RT: 9.50 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG028761.D
 Acq: 15 Sep 2017 9:56

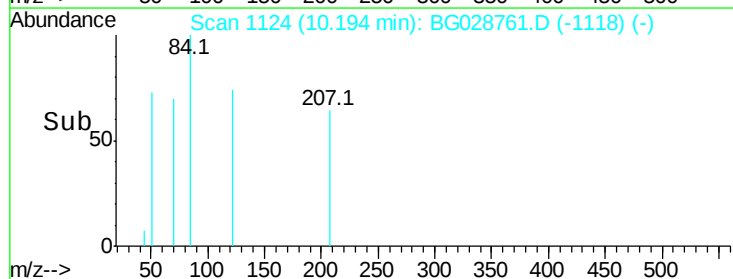
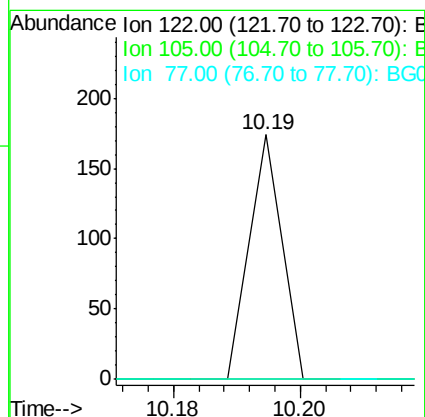
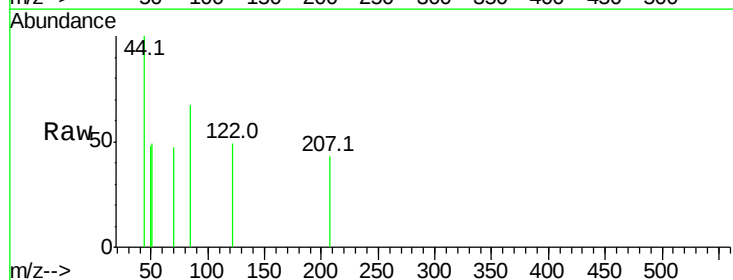
Instrument :
 BNA_G
 ClientSampleId :

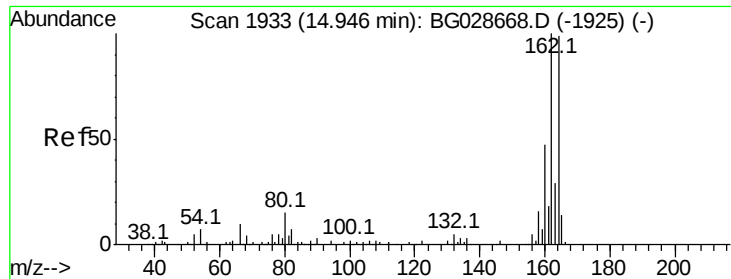
Tot Ion	82	Resp	192113
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	56.5	49.4	74.2



#32
 Benzoic acid
 Concen: 6.125 ng
 RT: 10.19 min Scan# 1124
 Delta R.T. -0.27 min
 Lab File: BG028761.D
 Acq: 15 Sep 2017 9:56

Tgt 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: 14.94 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

Instrument :

BNA_G

ClientSampleId :

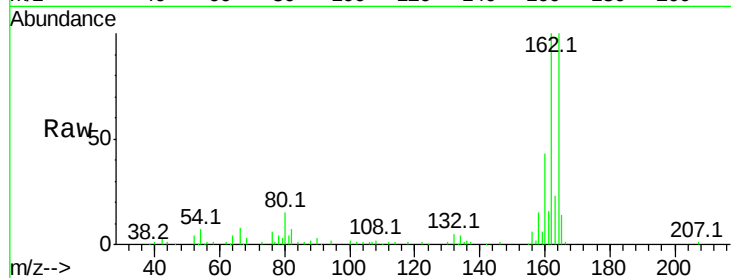
Tot Ion:164 Resp: 83191

Ion Ratio Lower Upper

164 100

162 99.6 85.1 127.7

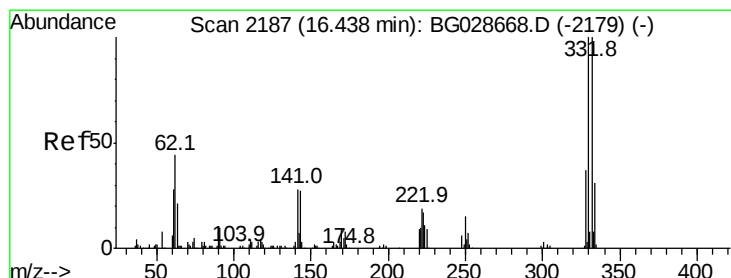
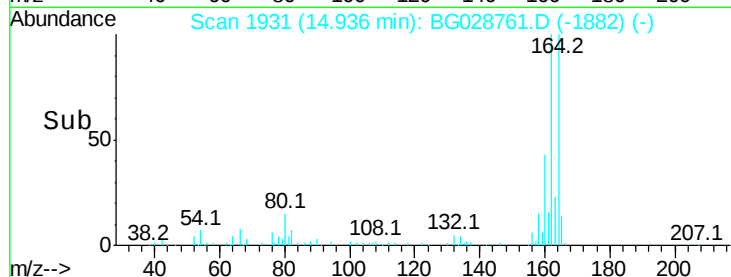
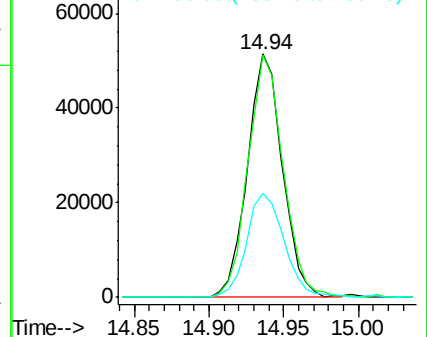
160 42.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 93.075 ng

RT: 16.43 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

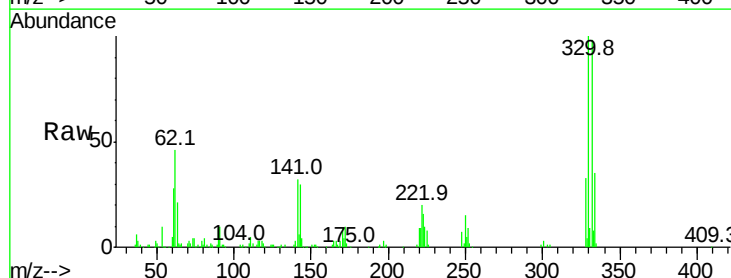
Tgt Ion:330 Resp: 128065

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

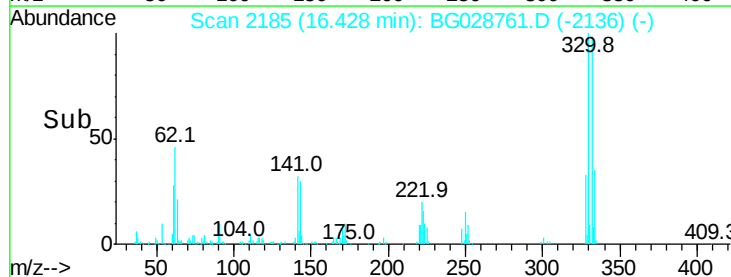
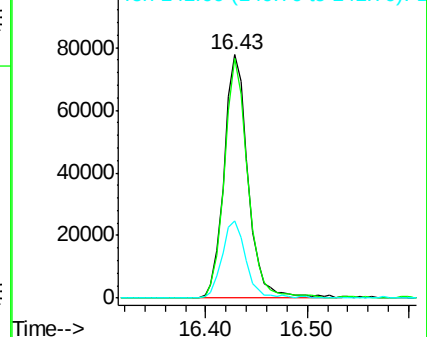
141 31.9 32.1 48.1#

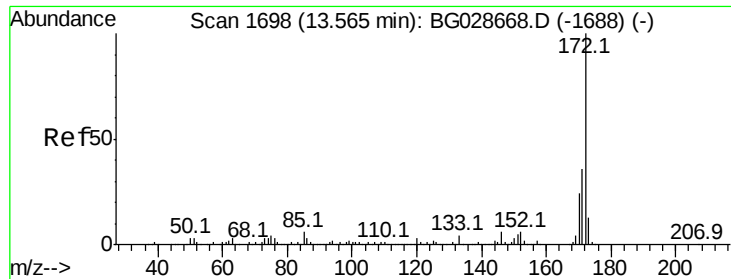


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

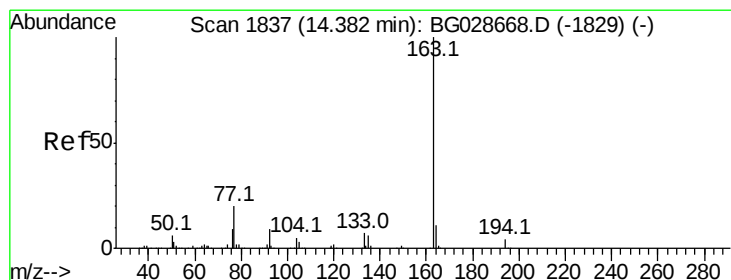
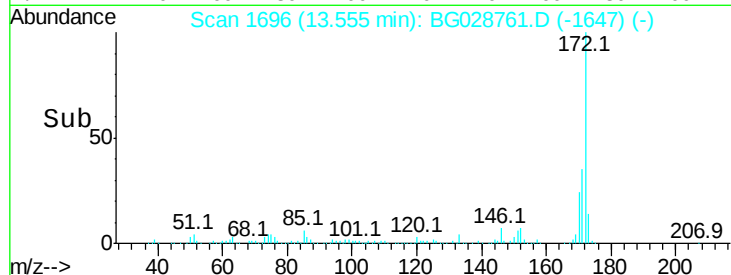
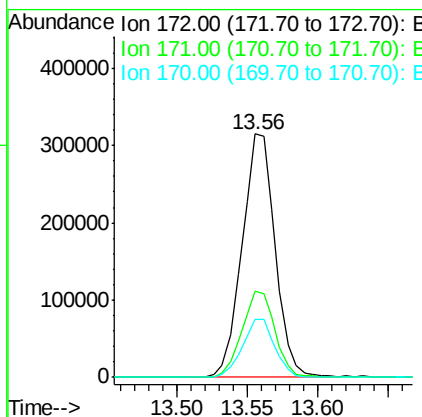
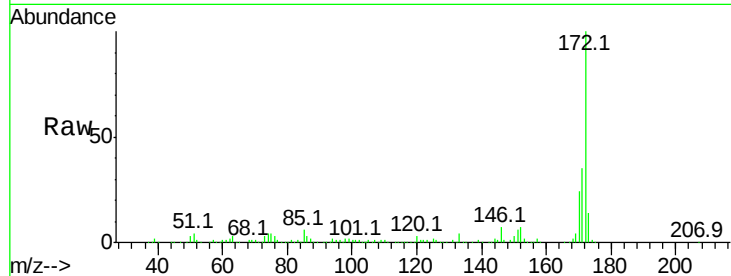




#44
2-Fluorobiphenyl
Concen: 82.754 ng
RT: 13.56 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BG028761.D
Acq: 15 Sep 2017 9:56

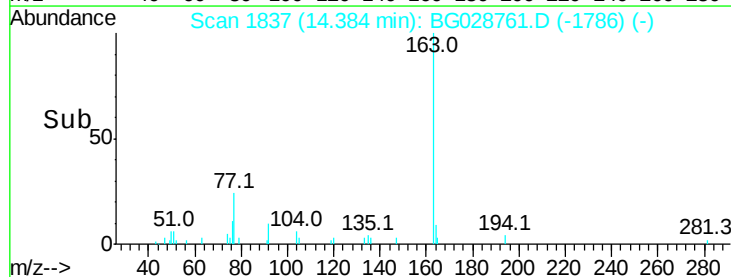
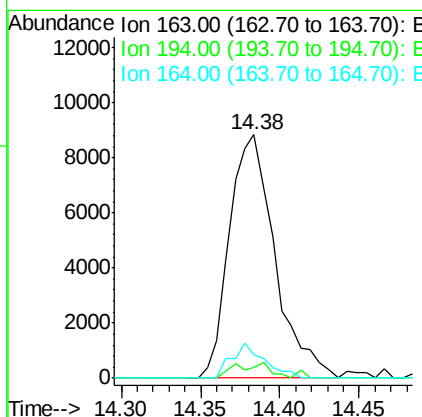
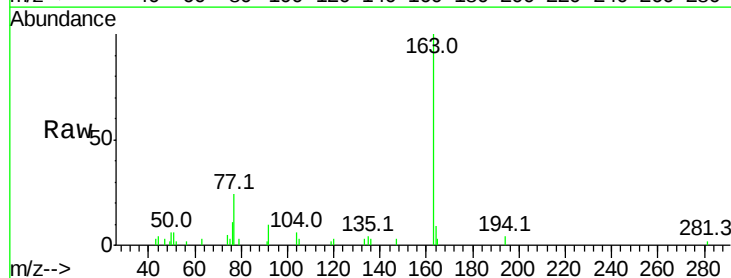
Instrument :
BNA_G
ClientSampleId :

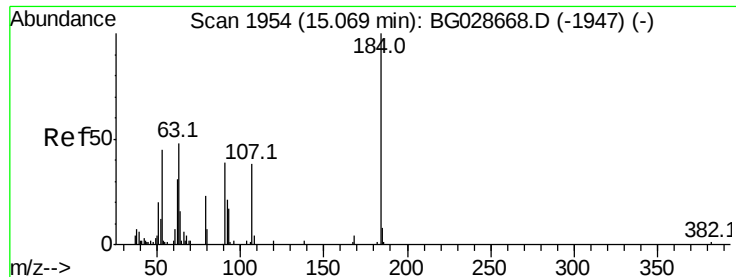
Tot Ion:172 Resp: 516294
Ion Ratio Lower Upper
172 100
171 35.3 32.2 48.2
170 24.0 21.8 32.6



#49
Dimethylphthalate
Concen: 2.512 ng
RT: 14.38 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG028761.D
Acq: 15 Sep 2017 9:56

Tgt Ion:163 Resp: 17525
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.6
164 9.4 9.3 13.9

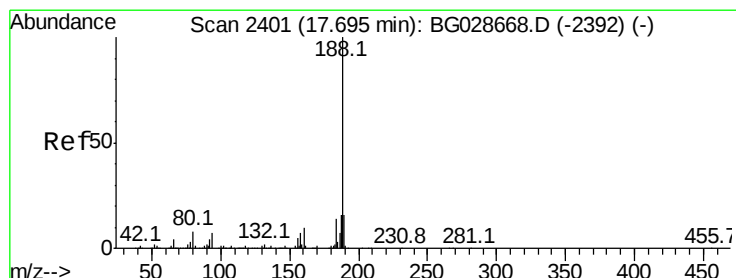
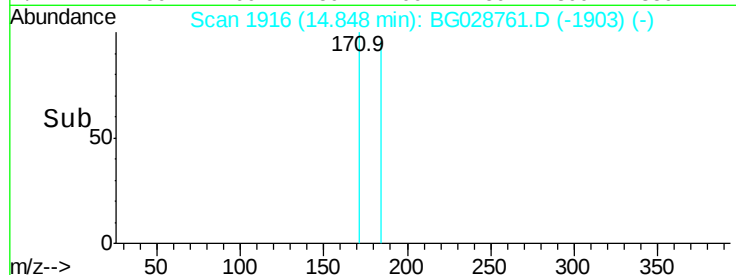
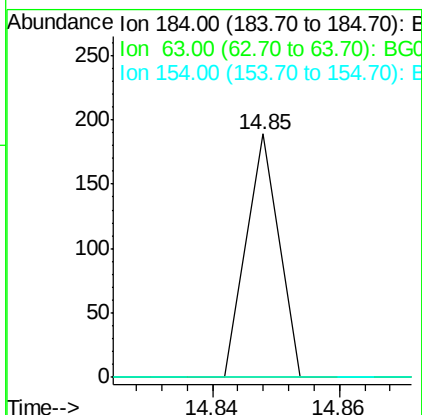
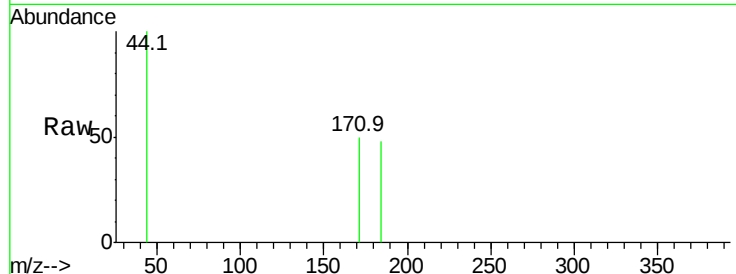




#53
 2,4-Dinitrophenol
 Concen: 8.075 ng
 RT: 14.85 min Scan# 1916
 Delta R.T. -0.22 min
 Lab File: BG028761.D
 Acq: 15 Sep 2017 9:56

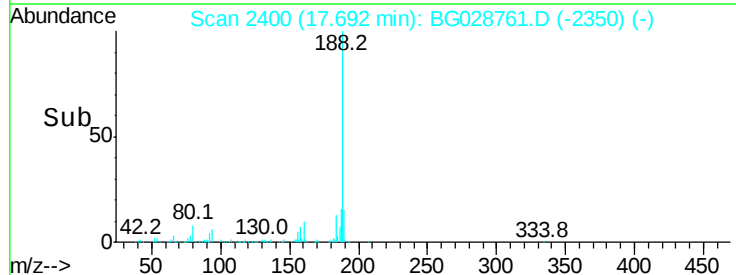
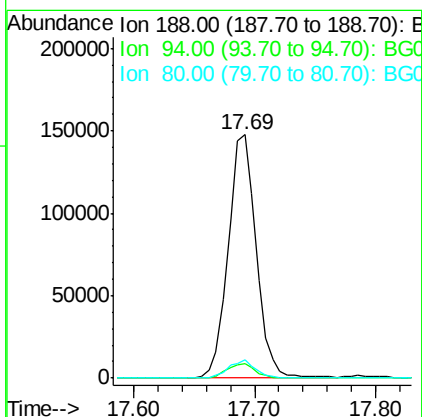
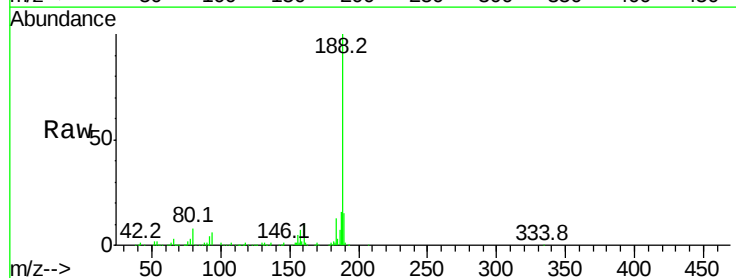
Instrument :
 BNA_G
 ClientSampled :

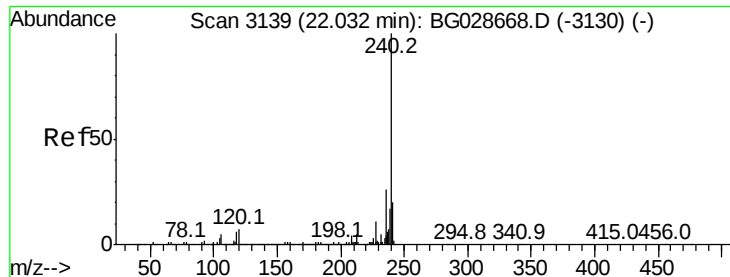
Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.69 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BG028761.D
 Acq: 15 Sep 2017 9:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.8	8.8#
80	7.8	7.5	11.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

Instrument :

BNA_G

ClientSampleId :

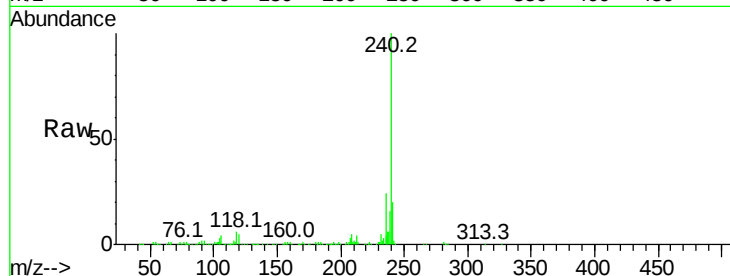
Tot Ion:240 Resp: 269154

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

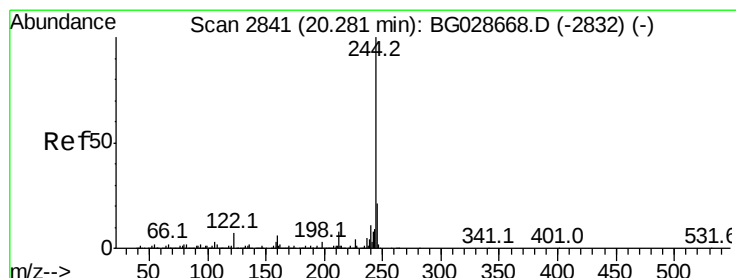
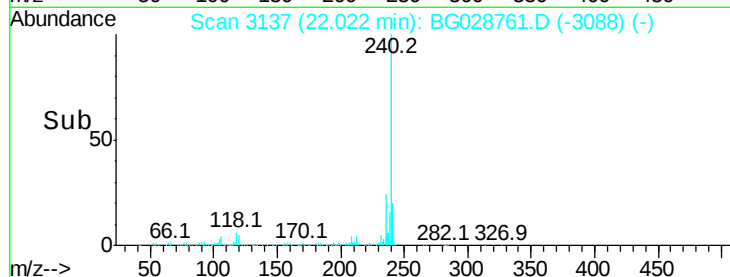
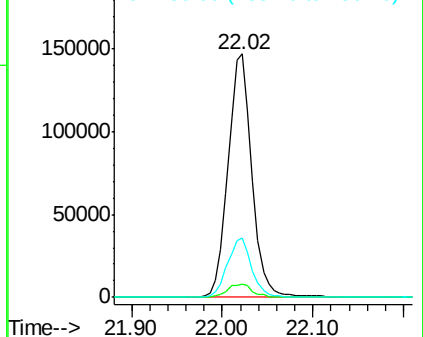
236 24.5 22.2 33.4



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: 87.708 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028761.D

Acq: 15 Sep 2017 9:56

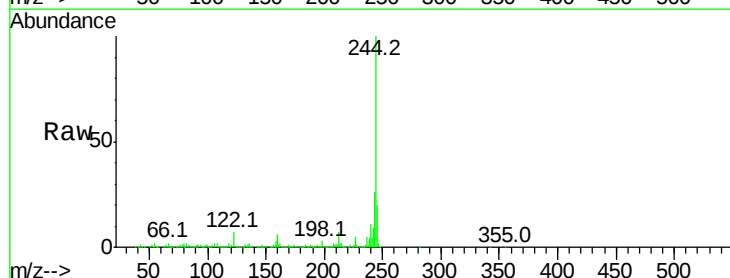
Tgt Ion:244 Resp: 1106975

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

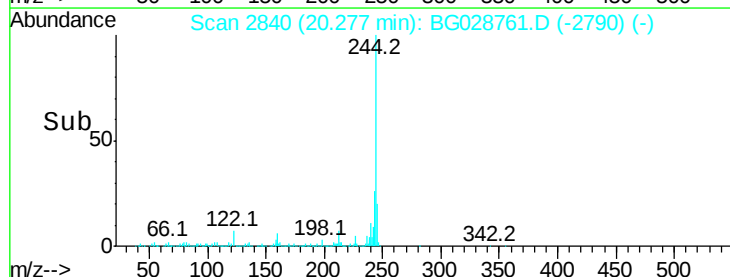
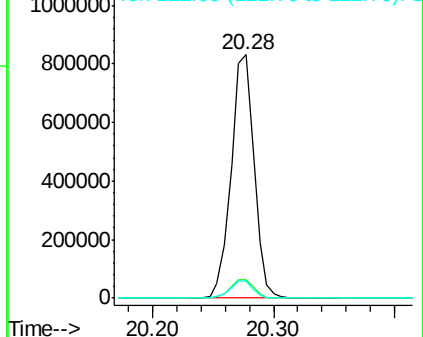
122 7.0 8.6 12.8#

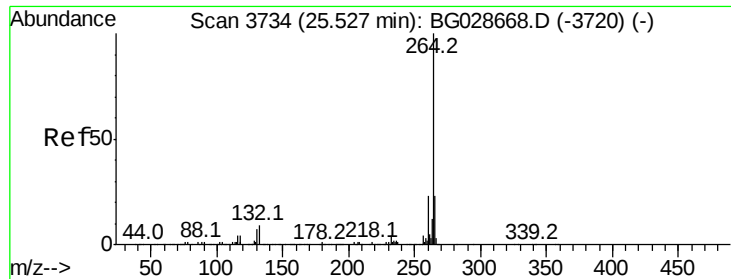


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

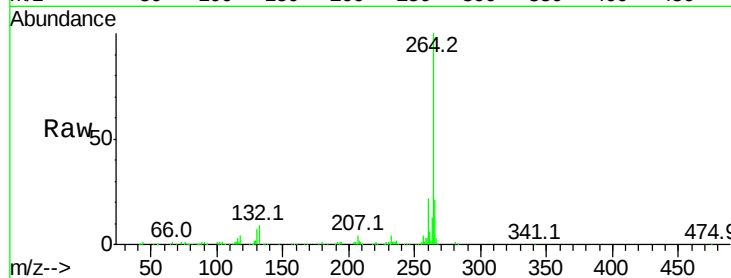




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG028761.D
Acq: 15 Sep 2017 9:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	21.8	32.8#
265	20.6	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

