

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028718.D
 Acq On : 14 Sep 2017 5:25
 Operator : SJ/JU
 Sample : I5218-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 09:07:12 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

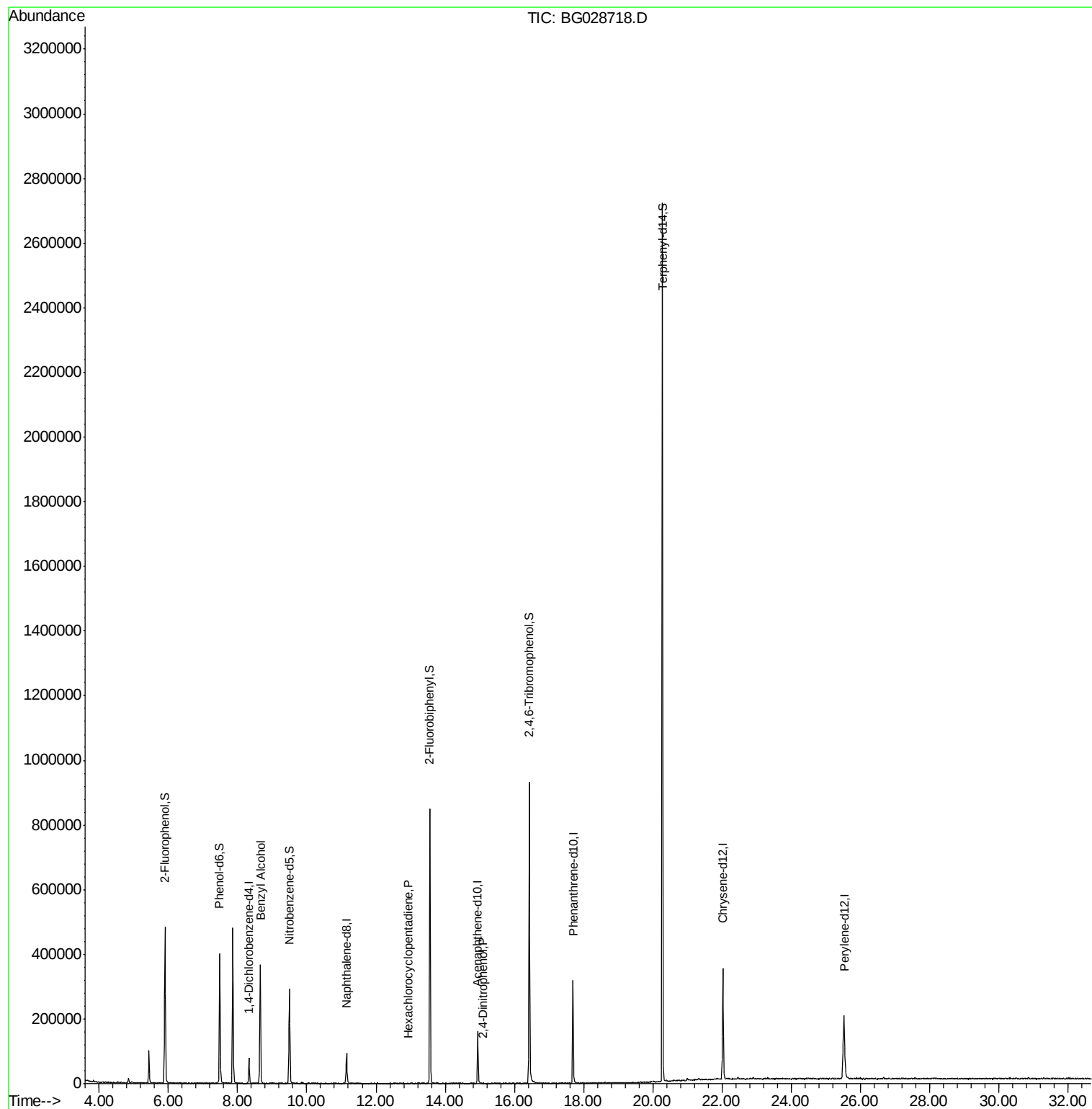
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	21225	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	84059	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	62697	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	209594	20.00	ng	0.00
75) Chrysene-d12	22.02	240	262124	20.00	ng	0.00
86) Perylene-d12	25.53	264	266935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	207577	161.37	ng	0.00
7) Phenol-d6	7.48	99	241124	124.50	ng	0.00
23) Nitrobenzene-d5	9.50	82	192750	109.69	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	208324	200.90	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	489283	104.06	ng	0.00
78) Terphenyl-d14	20.28	244	1282327	104.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.65	79	3629	2.400	ng	# 64
40) Hexachlorocyclopentadiene	12.94	237	75	7.671	ng	# 29
53) 2,4-Dinitrophenol	15.09	184	55	8.082	ng	# 15

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

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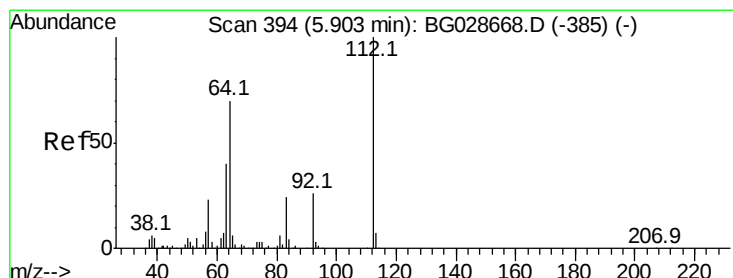
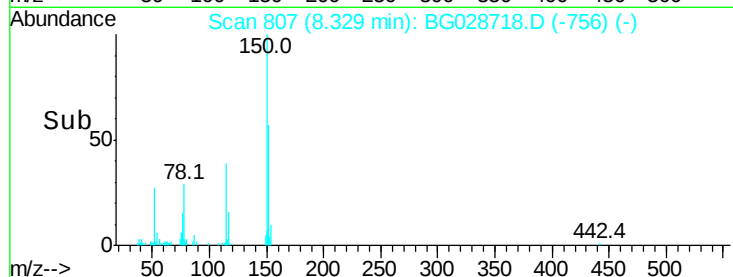
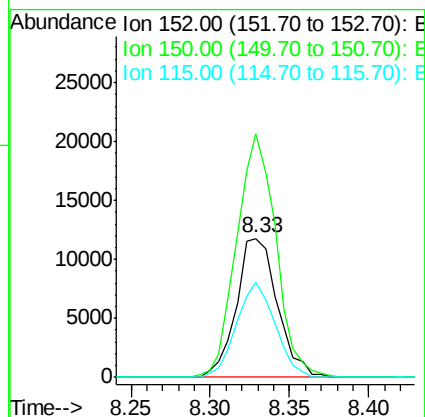
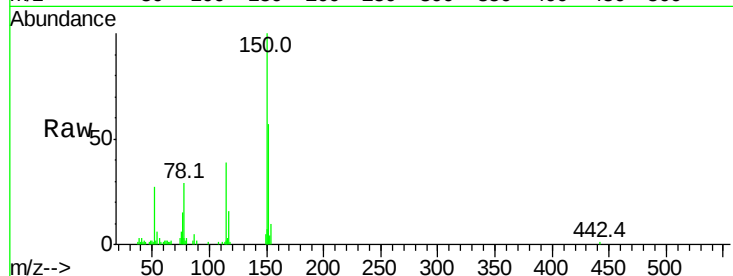


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028718.D
Acq: 14 Sep 2017 5:25

Instrument :
BNA_G
ClientSampleId :

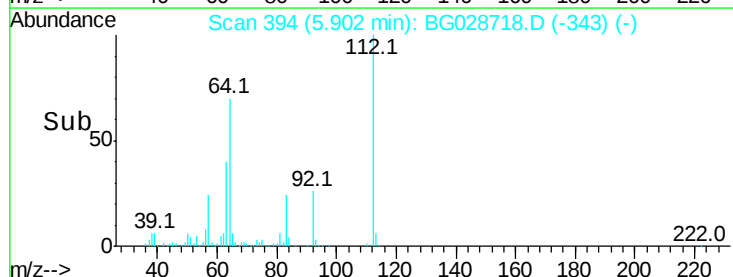
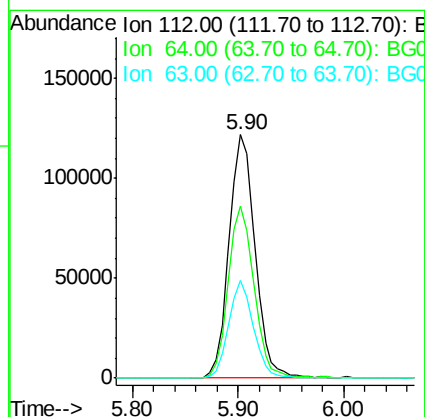
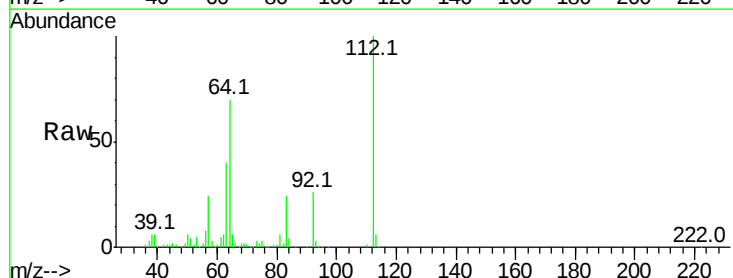
Tot Ion	Ratio	Lower	Upper
152	100		
150	175.3	114.0	171.0
115	68.4	48.1	72.1

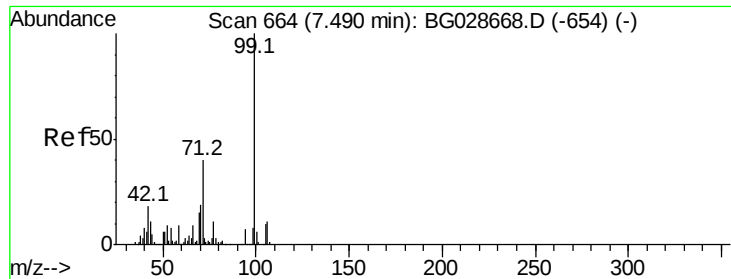


#5

2-Fluorophenol
Concen: 161.372 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028718.D
Acq: 14 Sep 2017 5:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	61.8	92.6
63	40.1	37.2	55.8





#7

Phenol-d6

Concen: 124.501 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028718.D

Acq: 14 Sep 2017 5:25

Instrument :

BNA_G

ClientSampleId :

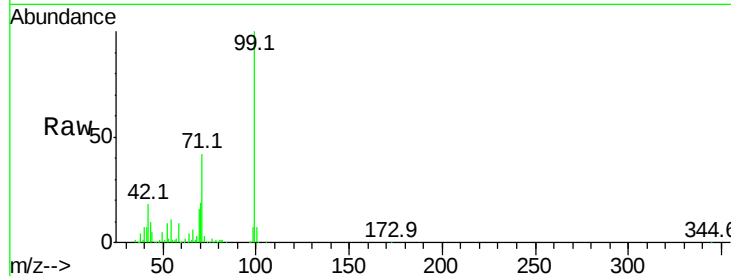
Tot Ion: 99 Resp: 241124

Ion Ratio Lower Upper

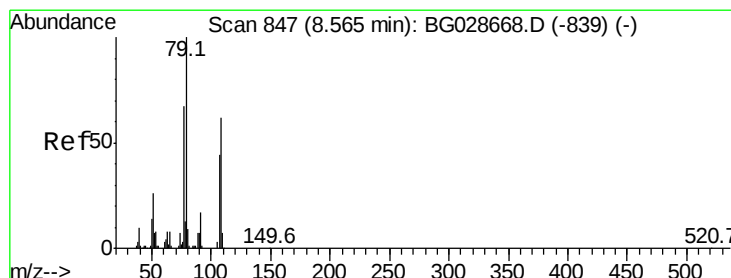
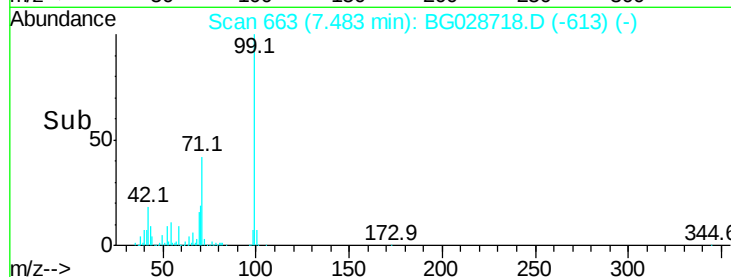
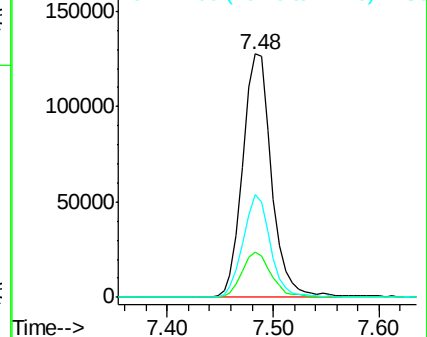
99 100

42 18.5 20.5 30.7#

71 42.1 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: 2.400 ng

RT: 8.65 min Scan# 862

Delta R.T. 0.09 min

Lab File: BG028718.D

Acq: 14 Sep 2017 5:25

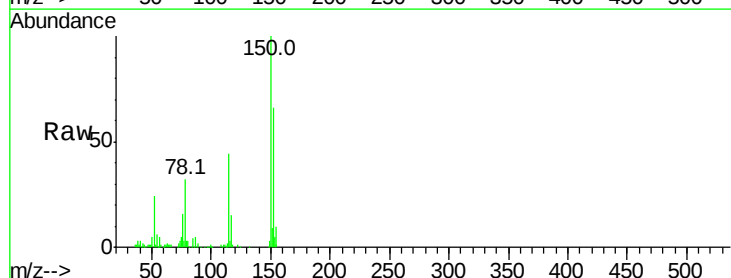
Tgt Ion: 79 Resp: 3629

Ion Ratio Lower Upper

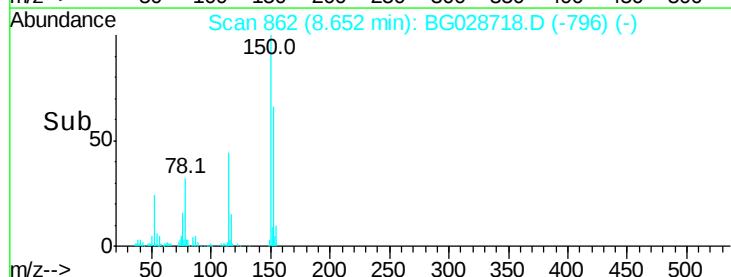
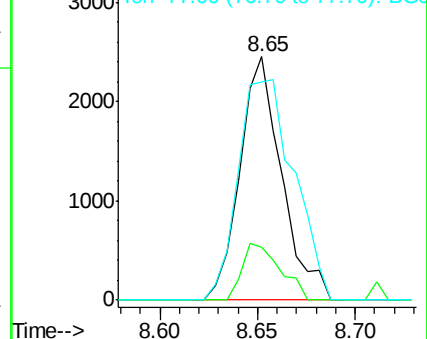
79 100

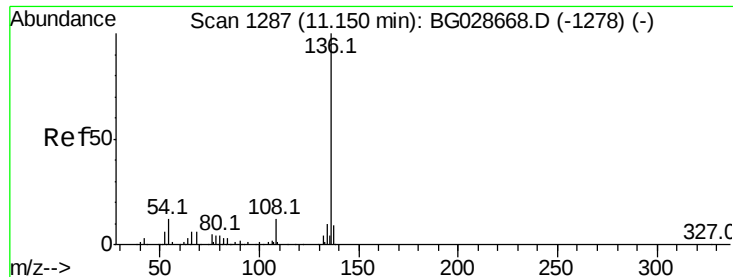
108 21.7 45.5 68.3#

77 89.5 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

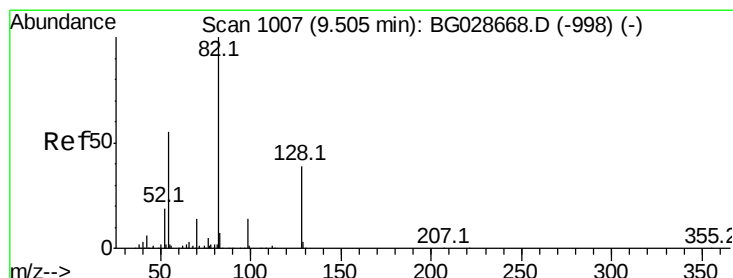
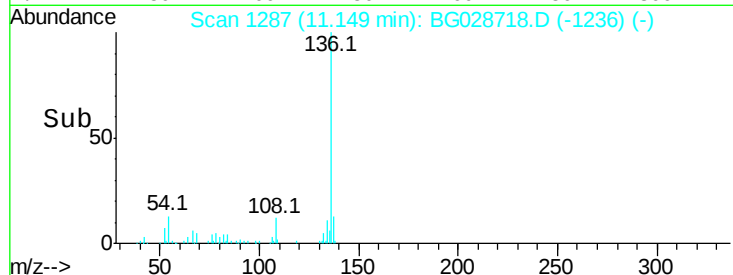
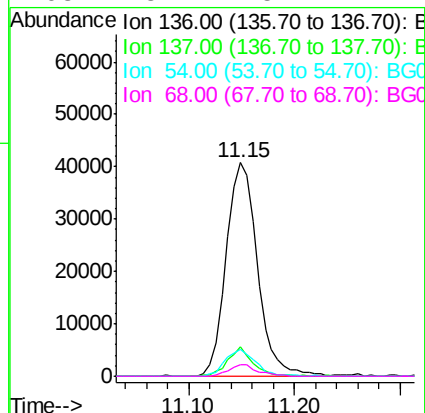
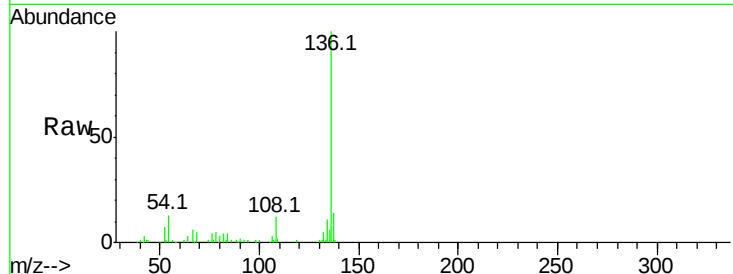




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028718.D
Acq: 14 Sep 2017 5:25

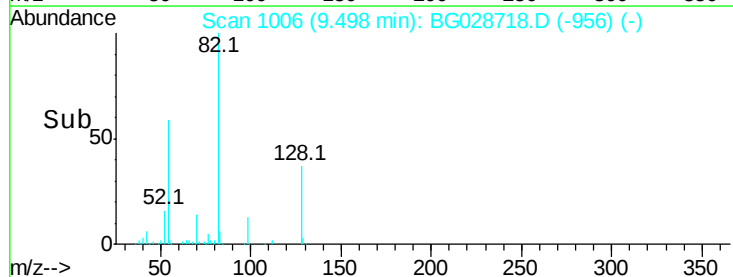
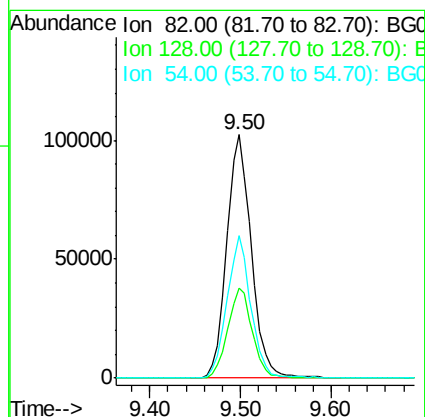
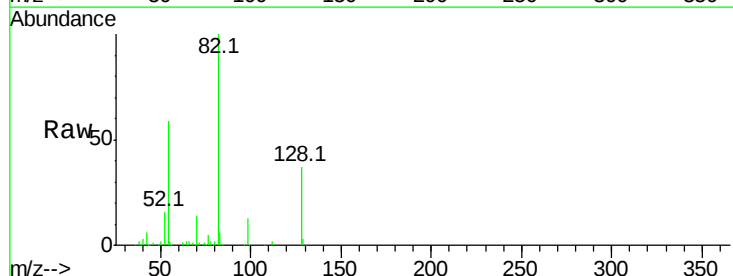
Instrument :
BNA_G
ClientSampleId :

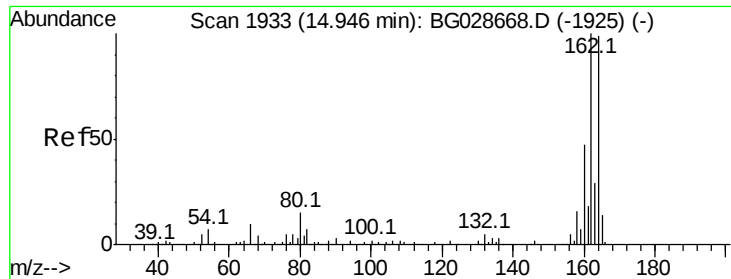
Tot Ion:	136	Resp:	84059
Ion	Ratio	Lower	Upper
136	100		
137	13.7	8.9	13.3#
54	12.5	9.3	13.9
68	5.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 109.693 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028718.D
Acq: 14 Sep 2017 5:25

Tgt Ion:	82	Resp:	192750
Ion	Ratio	Lower	Upper
82	100		
128	37.1	26.4	39.6
54	58.7	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028718.D

Acq: 14 Sep 2017 5:25

Instrument :

BNA_G

ClientSampleId :

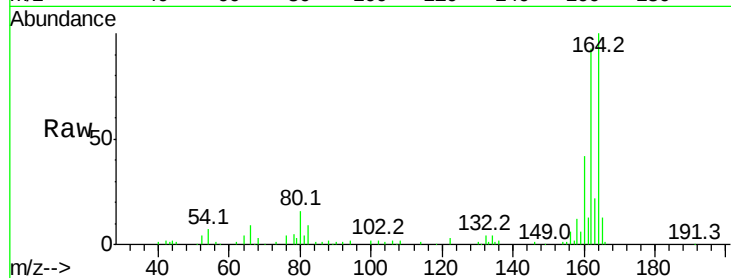
Tot Ion:164 Resp: 62697

Ion Ratio Lower Upper

164 100

162 92.7 85.1 127.7

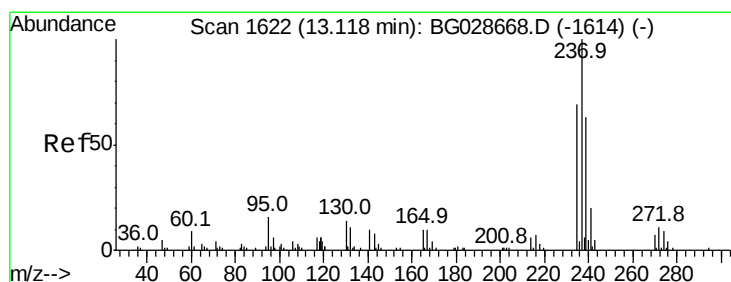
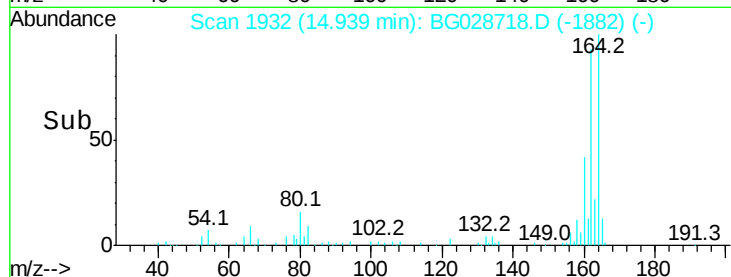
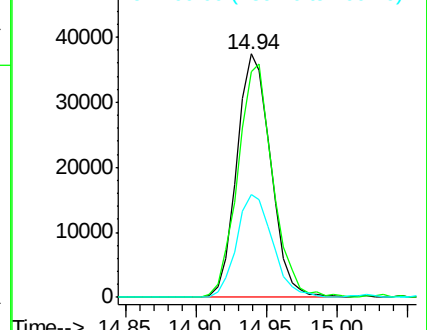
160 42.5 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 7.671 ng

RT: 12.94 min Scan# 1591

Delta R.T. -0.18 min

Lab File: BG028718.D

Acq: 14 Sep 2017 5:25

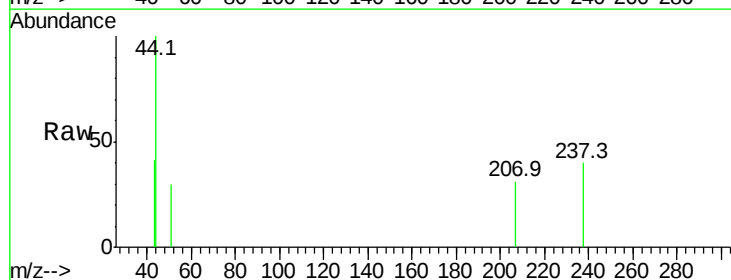
Tgt Ion:237 Resp: 75

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

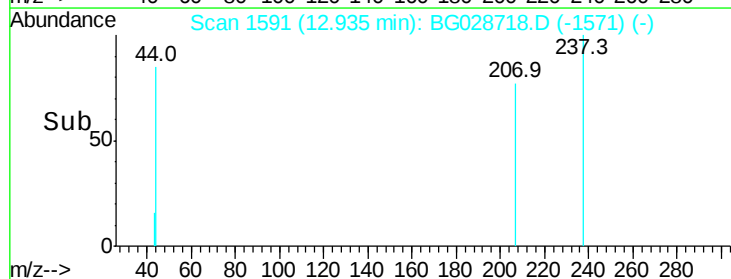
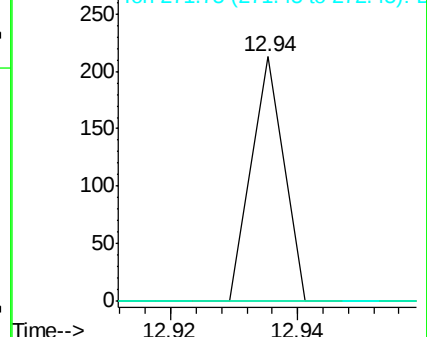
272 0.0 0.0 32.0

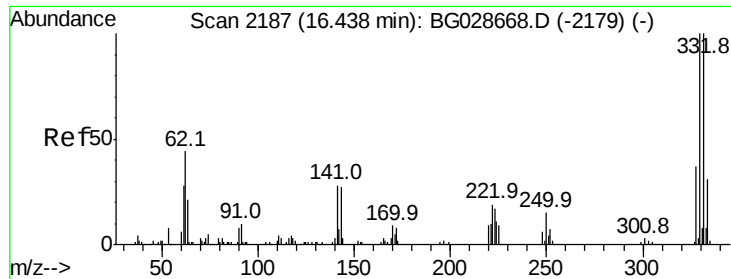


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

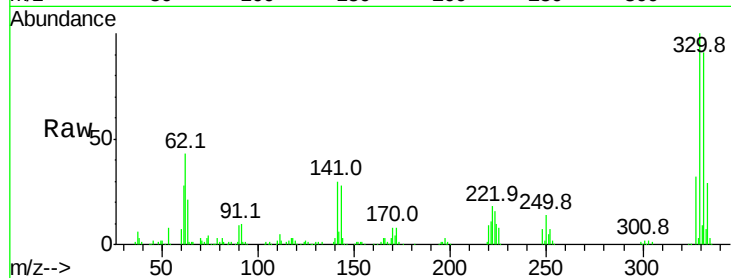




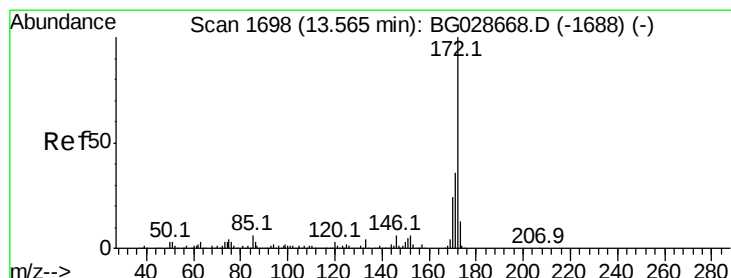
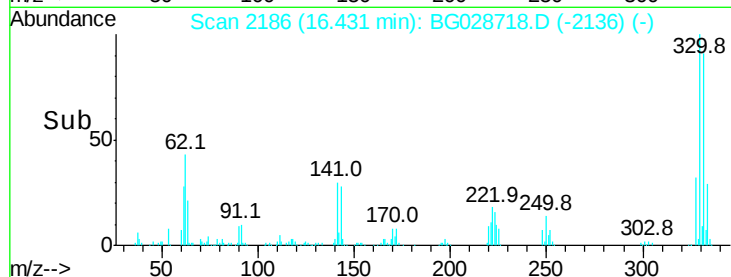
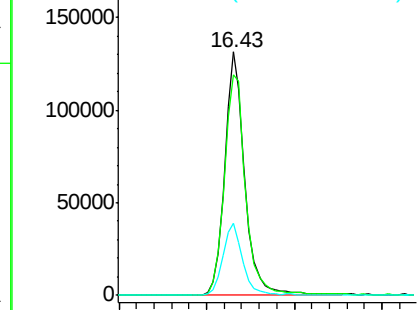
#41
 2,4,6-Tribromophenol
 Concen: 200.897 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028718.D
 Acq: 14 Sep 2017 5:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	29.2	32.1	48.1#

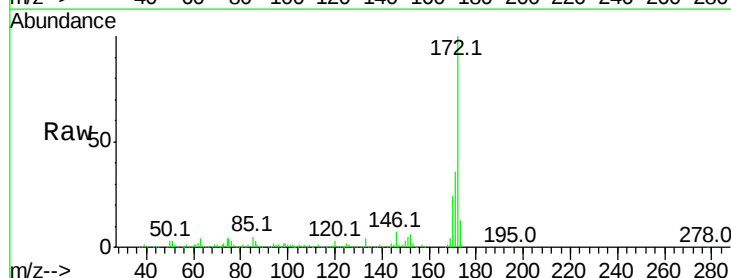


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

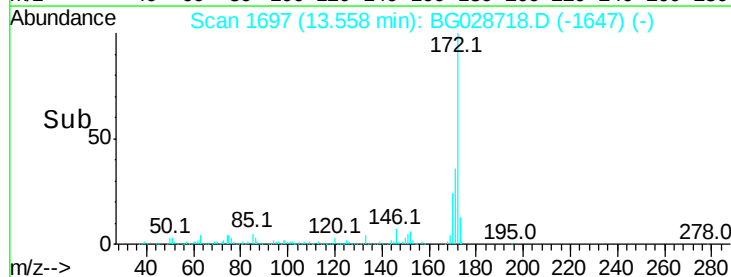
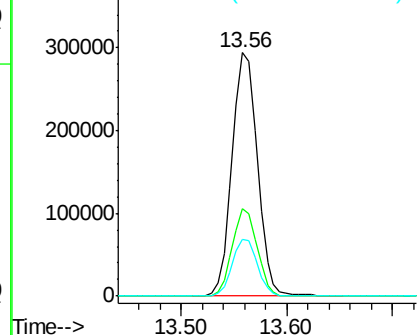


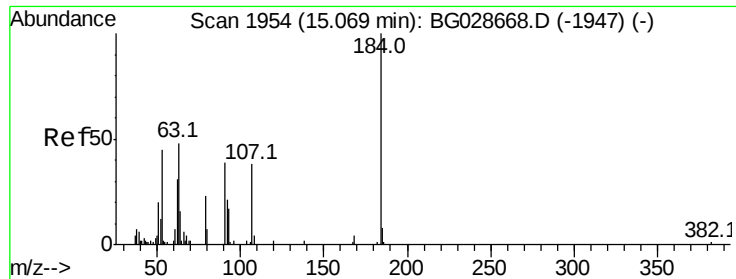
#44
 2-Fluorobiphenyl
 Concen: 104.059 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028718.D
 Acq: 14 Sep 2017 5:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	32.2	48.2
170	23.5	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





#53

2,4-Dinitrophenol

Concen: 8.082 ng

RT: 15.09 min Scan# 1957

Delta R.T. 0.02 min

Lab File: BG028718.D

Acq: 14 Sep 2017 5:25

Instrument :

BNA_G

ClientSampleId :

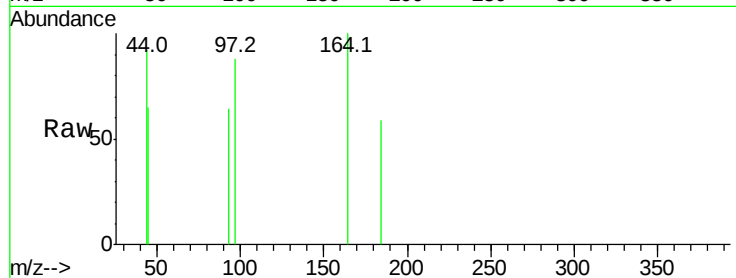
Tot Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

154 0.0 57.3 85.9#



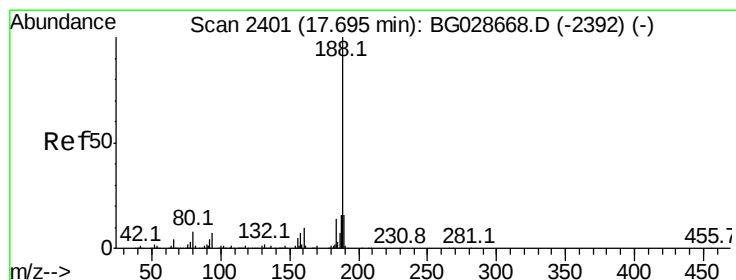
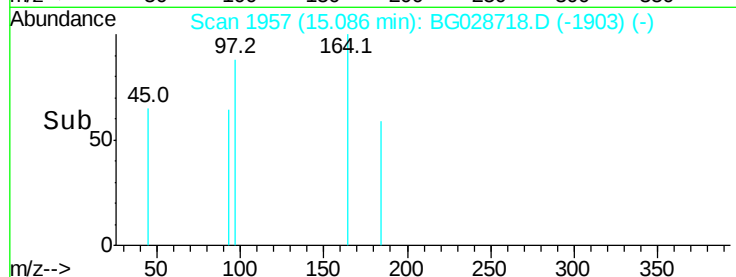
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

15.09

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028718.D

Acq: 14 Sep 2017 5:25

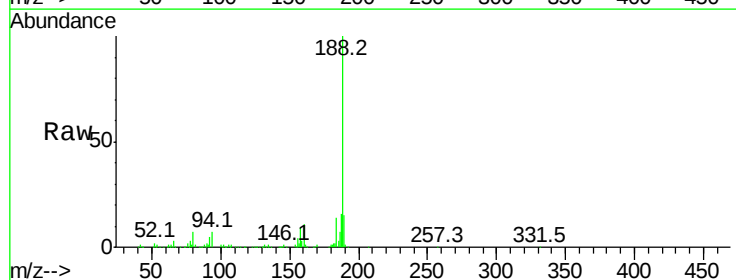
Tgt Ion:188 Resp: 209594

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

80 7.4 7.5 11.3#



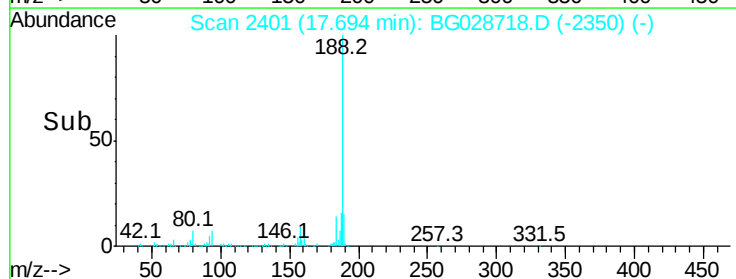
Abundance Ion 188.00 (187.70 to 188.70): E

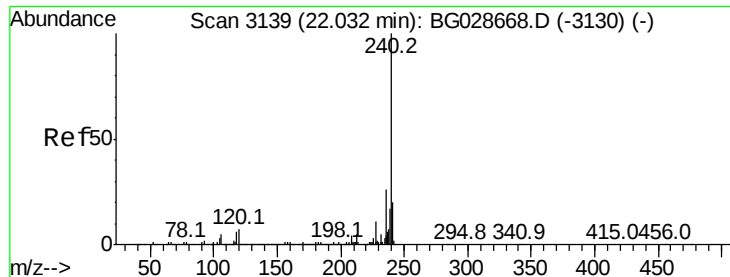
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.69

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028718.D

Acq: 14 Sep 2017 5:25

Instrument :

BNA_G

ClientSampleId :

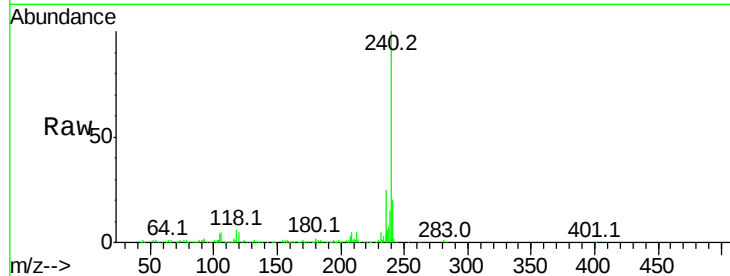
Tot Ion:240 Resp: 262124

Ion Ratio Lower Upper

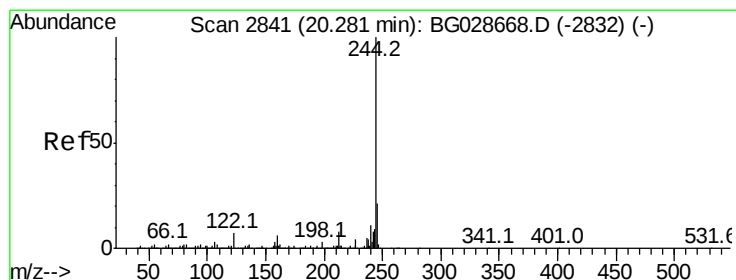
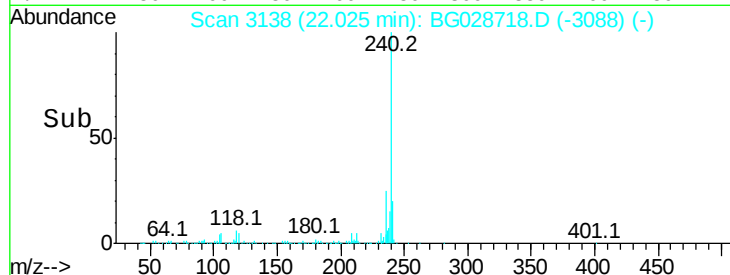
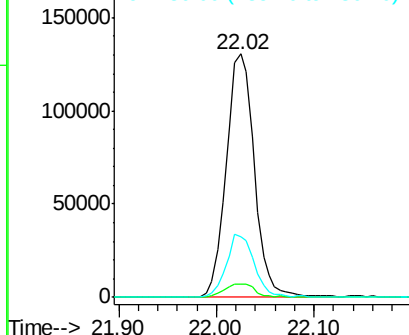
240 100

120 5.2 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



#78

Terphenyl-d14

Concen: 104.326 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028718.D

Acq: 14 Sep 2017 5:25

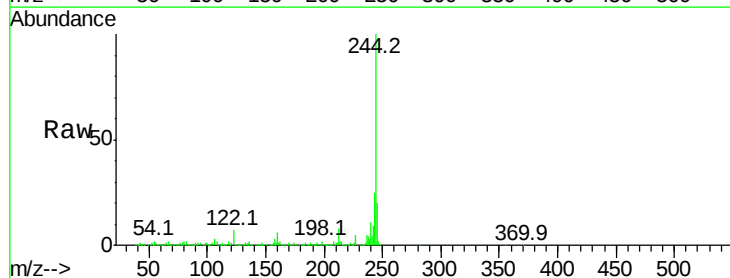
Tgt Ion:244 Resp: 1282327

Ion Ratio Lower Upper

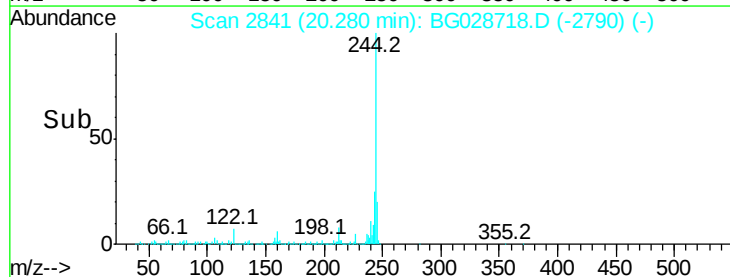
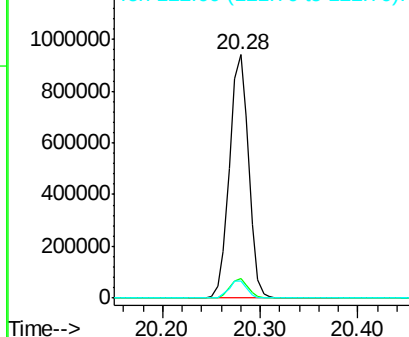
244 100

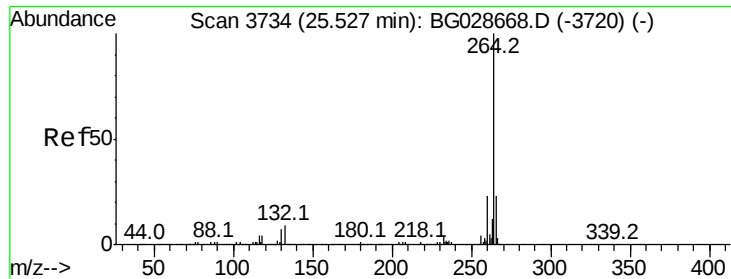
212 7.8 10.0 15.0#

122 7.3 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

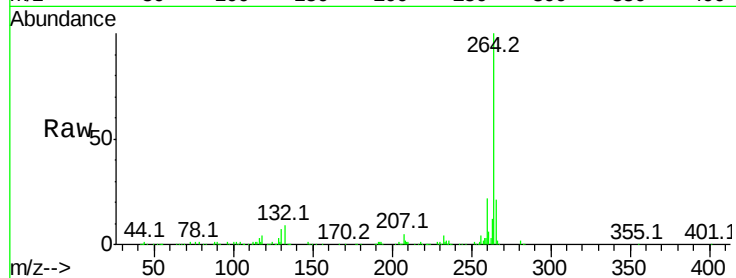




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BG028718.D
Acq: 14 Sep 2017 5:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	21.8	32.8#
265	21.4	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

