

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111017\
 Data File : BG030928.D
 Acq On : 11 Nov 2017 4:37
 Operator : SJ/JU
 Sample : I6369-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 02:52:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

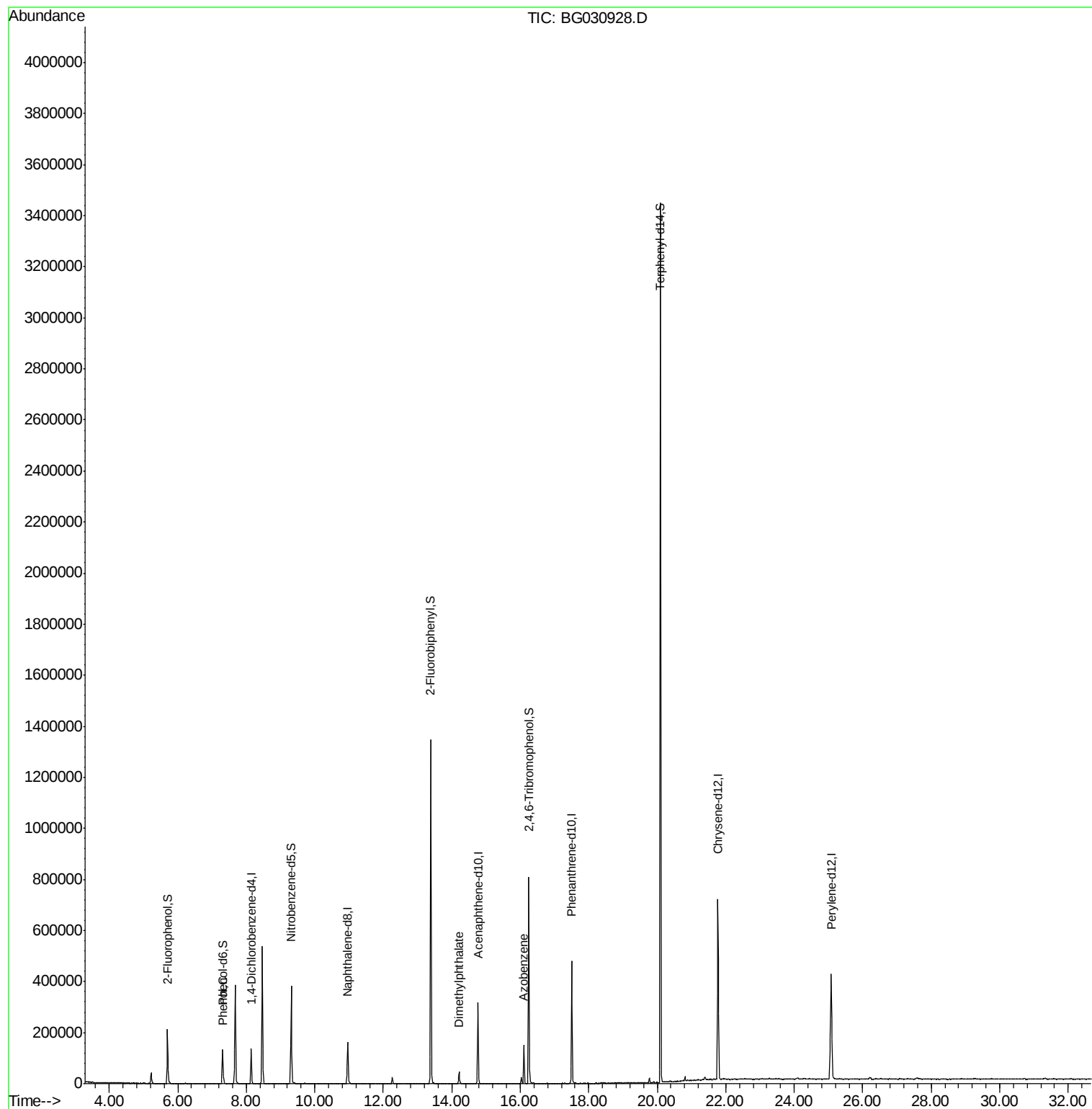
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40045	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	167221	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	114500	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	322943	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	462785	20.00	ng	-0.01
86) Perylene-d12	25.08	264	461625	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	103787	44.44	ng	0.00
7) Phenol-d6	7.31	99	85578	27.20	ng	0.00
23) Nitrobenzene-d5	9.31	82	248090	87.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	184756	99.75	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	745126	93.51	ng	-0.01
78) Terphenyl-d14	20.09	244	1586980	75.72	ng	0.00
Target Compounds						
10) Phenol	7.33	94	10814	3.310	ng	98
49) Dimethylphthalate	14.21	163	46078	4.654	ng	# 98
62) Azobenzene	16.11	77	44034	5.742	ng	# 1

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

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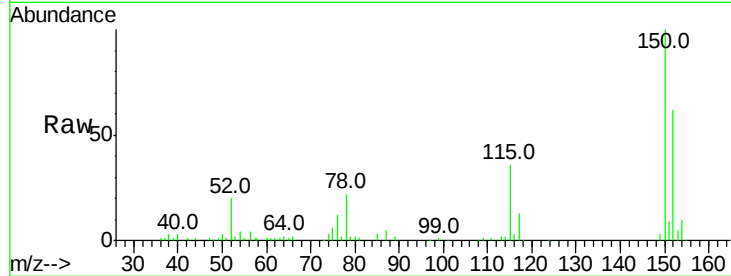


#1

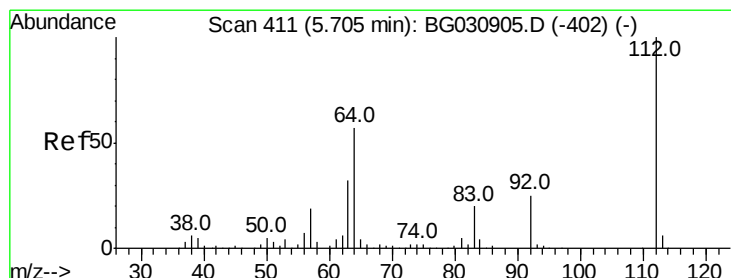
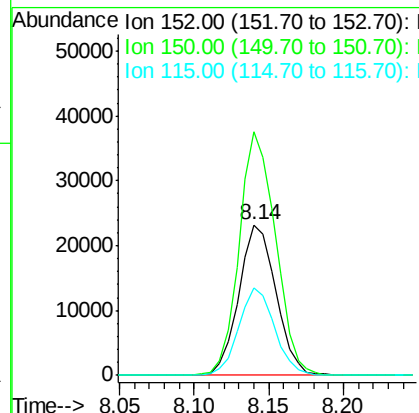
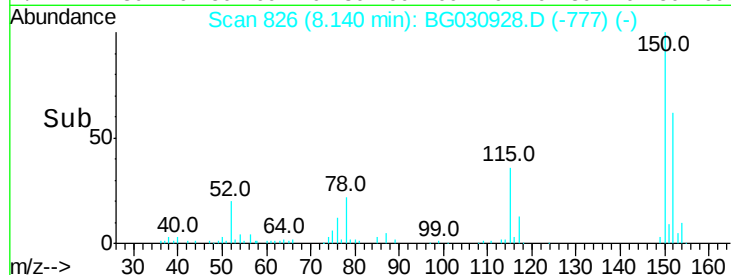
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030928.D
Acq: 11 Nov 2017 4:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 40045
Ion Ratio Lower Upper
152 100
150 161.8 126.6 189.8
115 57.9 53.0 79.4



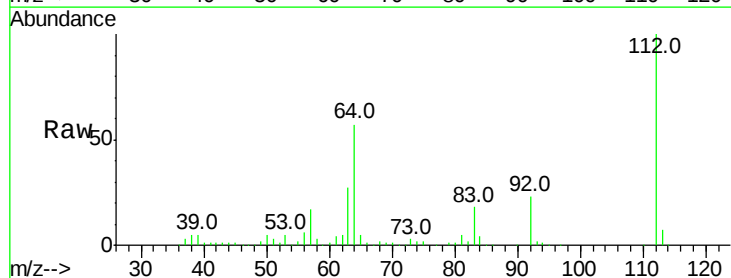
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



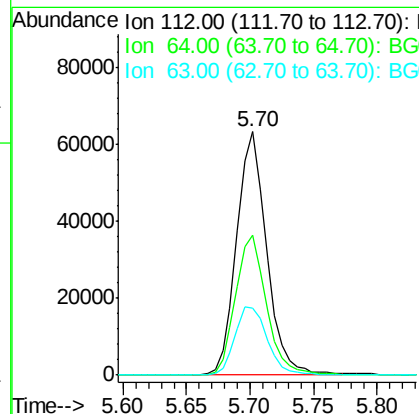
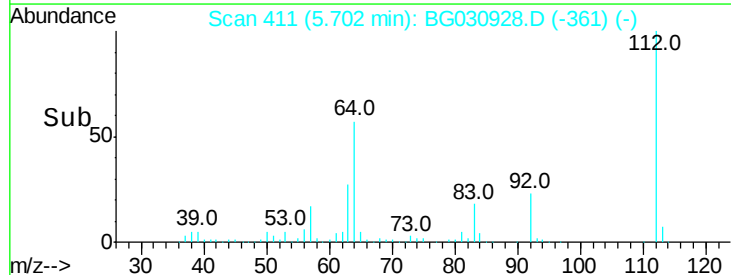
#5

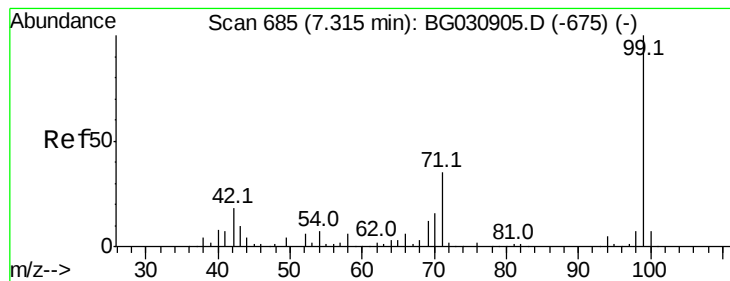
2-Fluorophenol
Concen: 44.442 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030928.D
Acq: 11 Nov 2017 4:37

Tgt Ion:112 Resp: 103787
Ion Ratio Lower Upper
112 100
64 57.5 56.3 84.5
63 27.4 30.1 45.1#



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: 27.201 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030928.D

Acq: 11 Nov 2017 4:37

Instrument :

BNA_G

ClientSampleId :

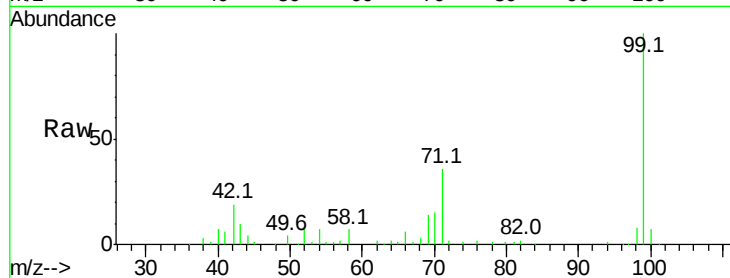
Tot Ion: 99 Resp: 85578

Ion Ratio Lower Upper

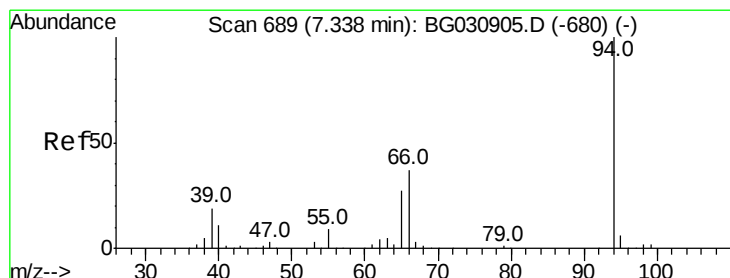
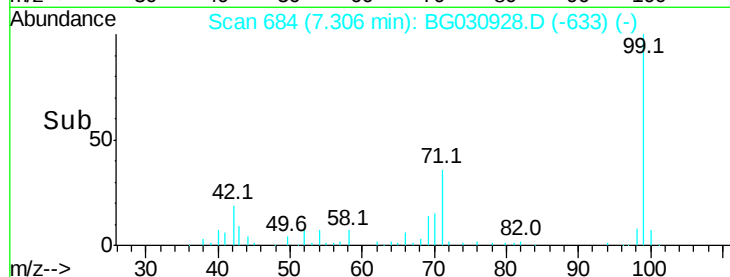
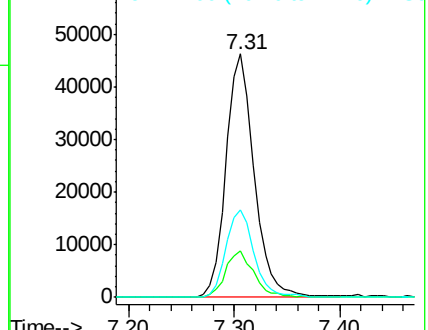
99 100

42 18.9 14.1 21.1

71 35.9 26.1 39.1



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: 3.310 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG030928.D

Acq: 11 Nov 2017 4:37

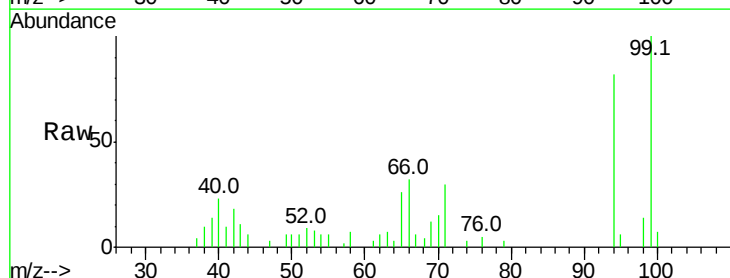
Tgt Ion: 94 Resp: 10814

Ion Ratio Lower Upper

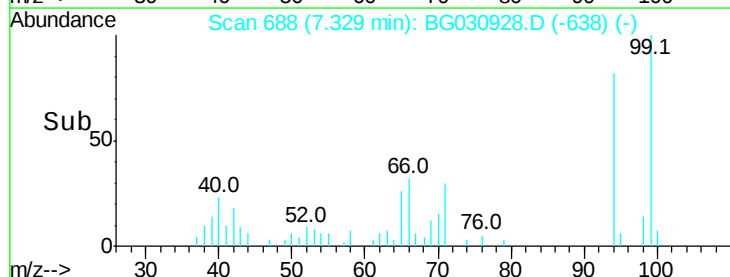
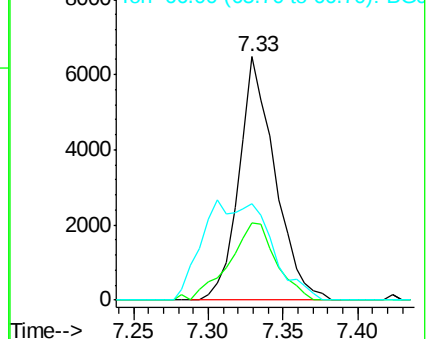
94 100

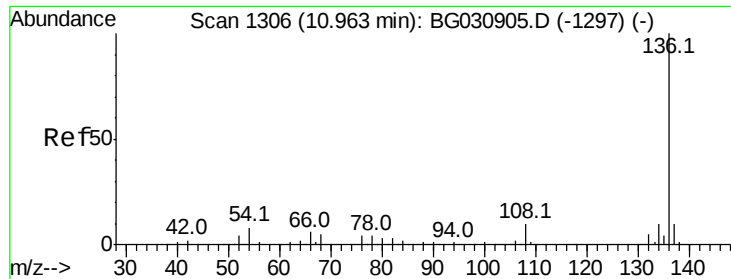
65 31.7 11.9 51.9

66 39.6 22.2 62.2



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

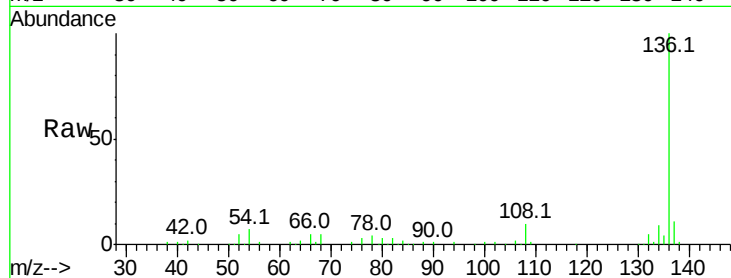




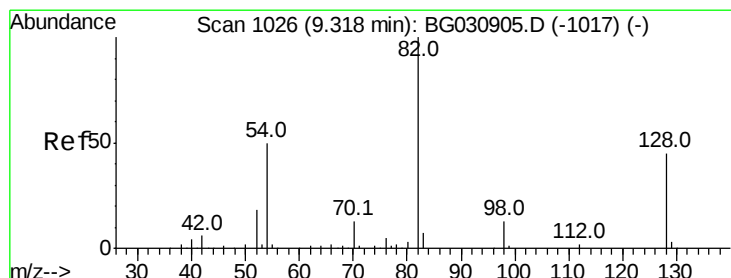
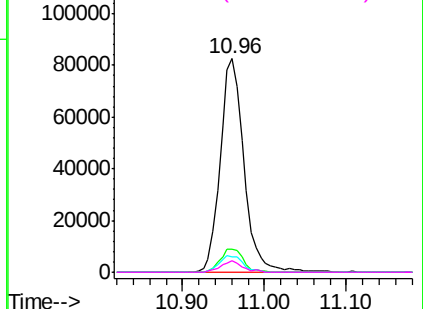
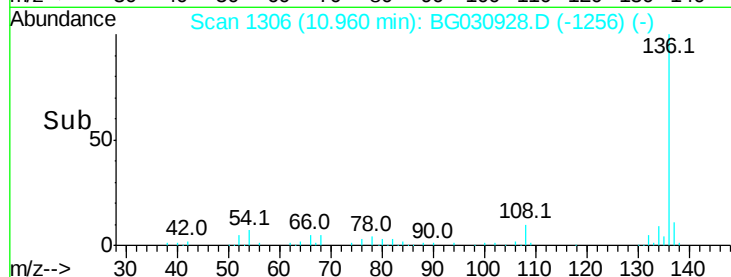
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG030928.D
Acq: 11 Nov 2017 4:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	167221
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	7.0	10.3 15.5#
68	5.4	4.5 6.7

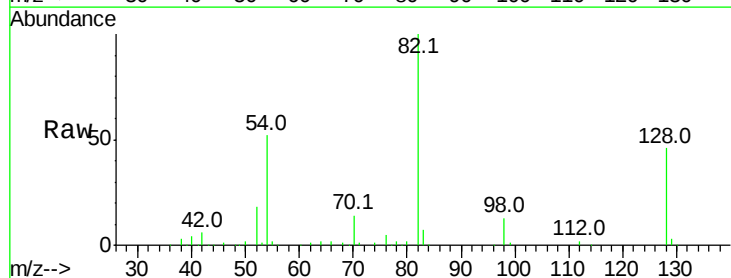


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

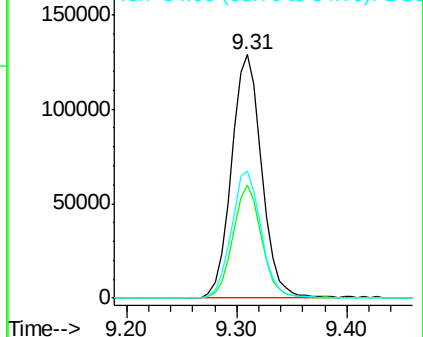
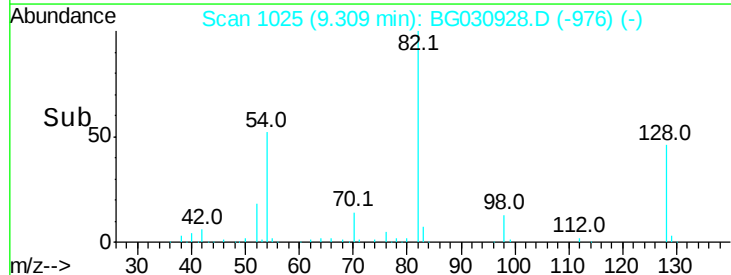


#23
Nitrobenzene-d5
Concen: 87.913 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030928.D
Acq: 11 Nov 2017 4:37

Tgt Ion: 82	Resp:	248090
Ion Ratio	Lower	Upper
82	100	
128	46.3	29.7 44.5#
54	52.0	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030928.D

Acq: 11 Nov 2017 4:37

Instrument :

BNA_G

ClientSampleId :

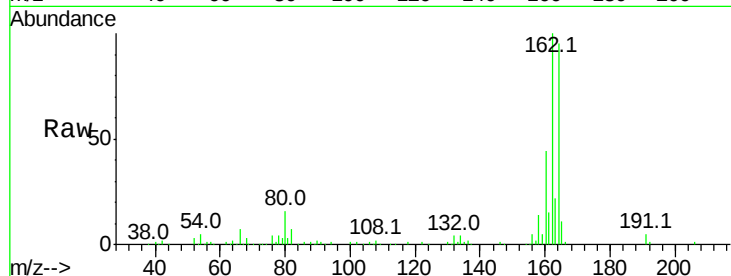
Tot Ion:164 Resp: 114500

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

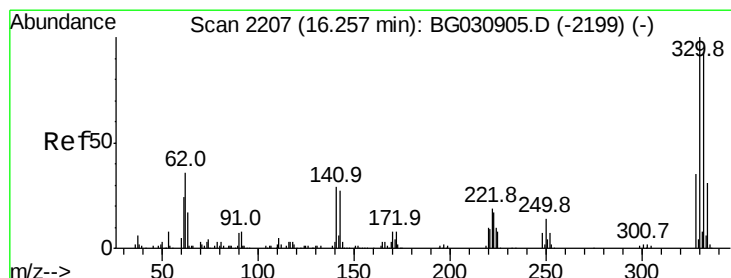
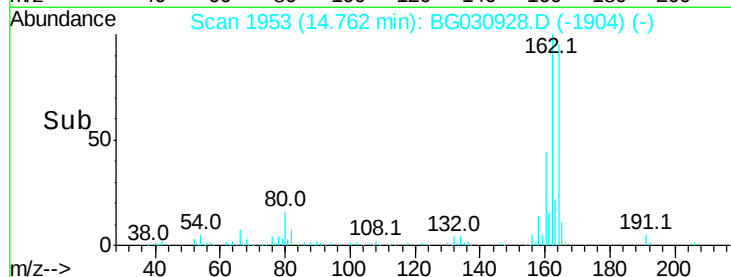
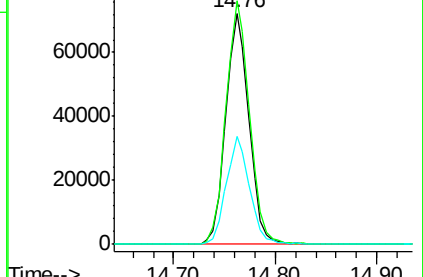
160 46.7 35.4 53.0



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: 99.747 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030928.D

Acq: 11 Nov 2017 4:37

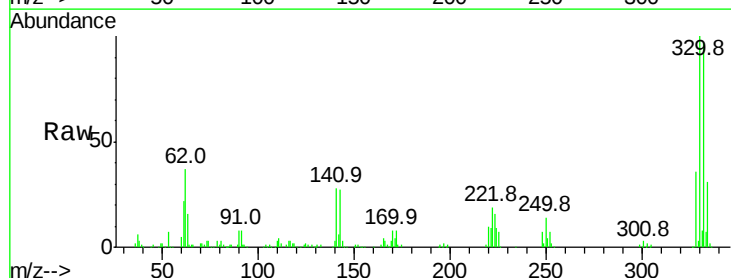
Tgt Ion:330 Resp: 184756

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

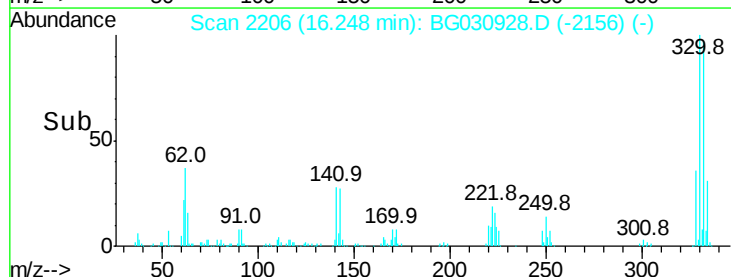
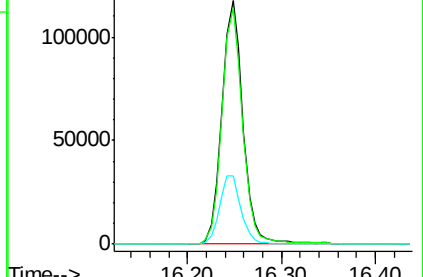
141 28.8 25.2 37.8

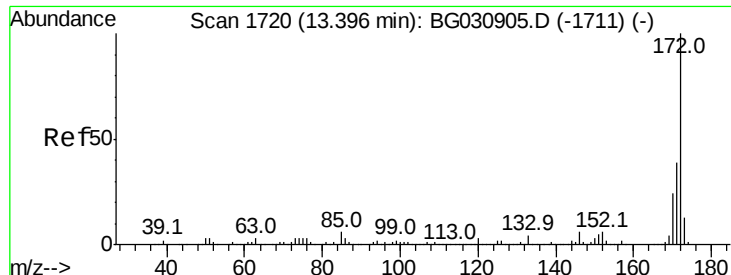


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

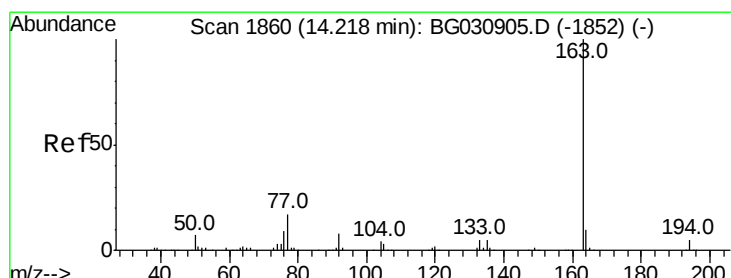
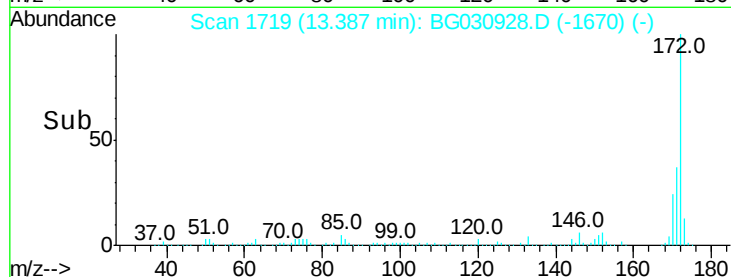
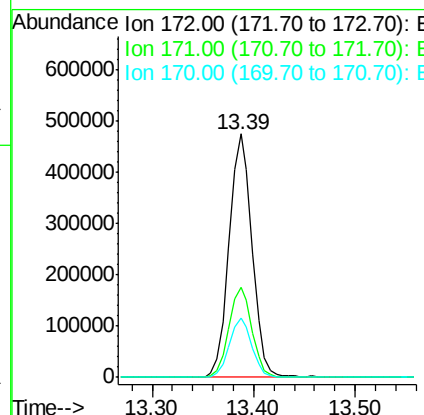
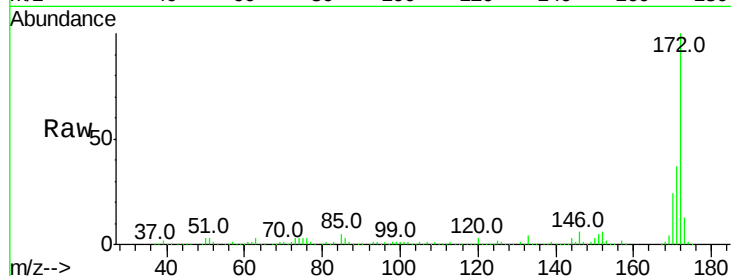




#44
2-Fluorobiphenyl
Concen: 93.508 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG030928.D
Acq: 11 Nov 2017 4:37

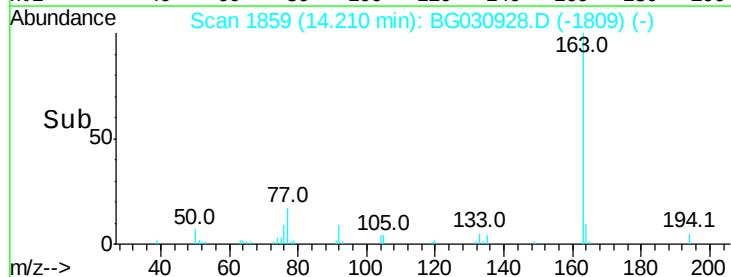
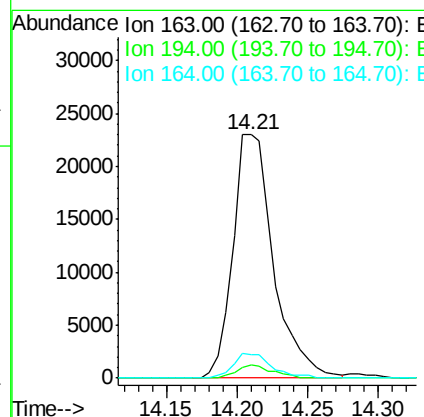
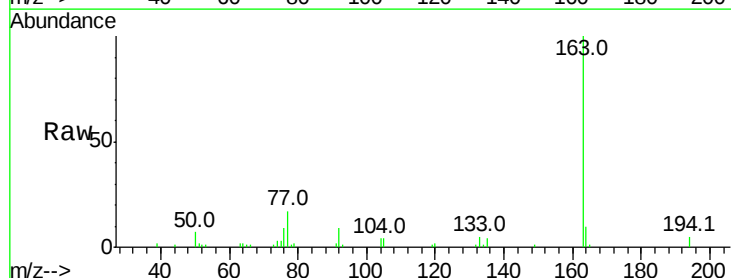
Instrument :
BNA_G
ClientSampleId :

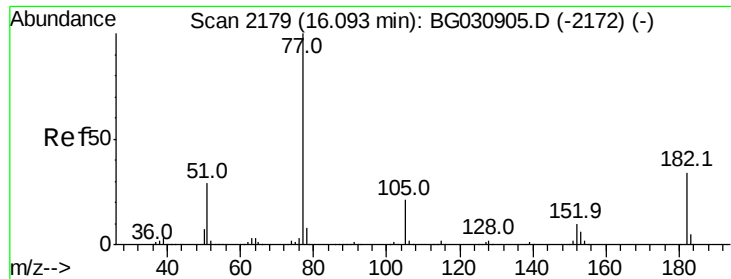
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.4	19.5	29.3



#49
Dimethylphthalate
Concen: 4.654 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG030928.D
Acq: 11 Nov 2017 4:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	9.6	8.2	12.4





#62

Azobenzene

Concen: 5.742 ng

RT: 16.11 min Scan# 2182

Delta R.T. 0.01 min

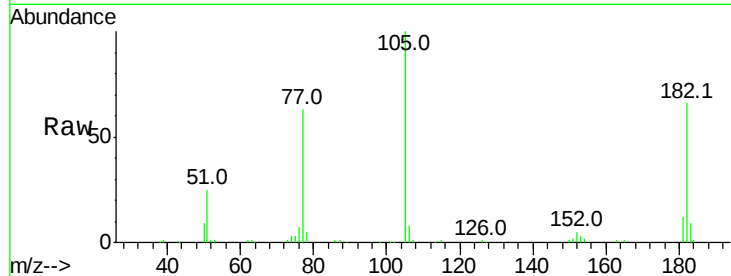
Lab File: BG030928.D

Acq: 11 Nov 2017 4:37

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 77 Resp: 44034

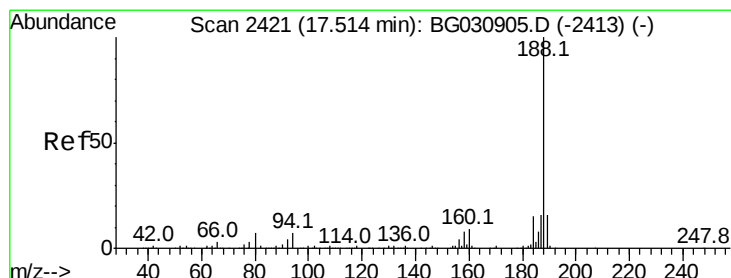
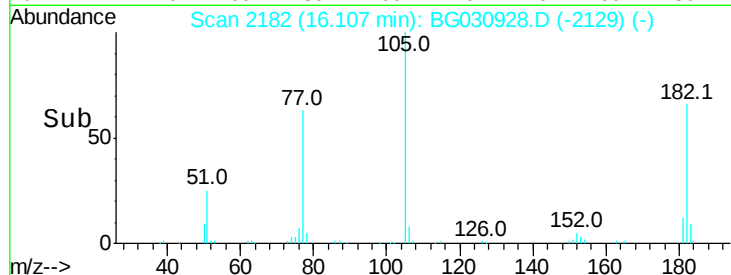
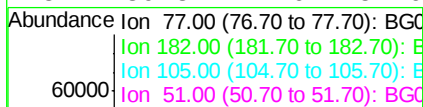
Ion Ratio Lower Upper

77 100

182 106.4 7.4 47.4#

105 160.0 0.3 40.3#

51 39.3 11.6 51.6



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030928.D

Acq: 11 Nov 2017 4:37

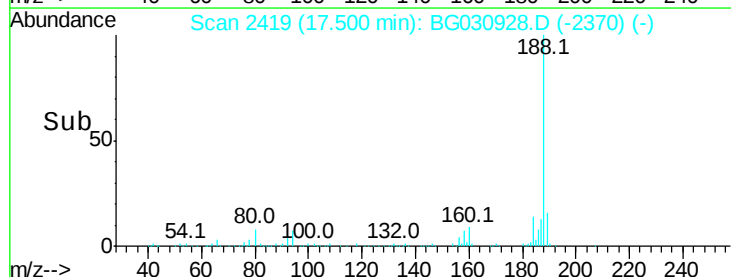
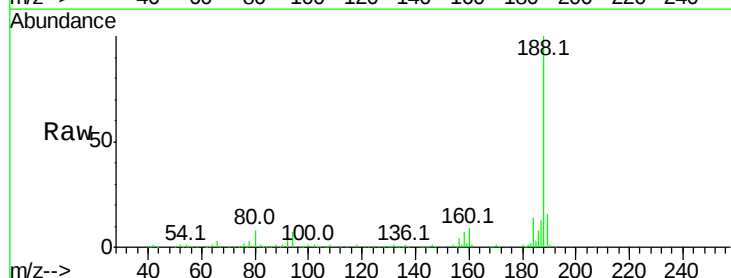
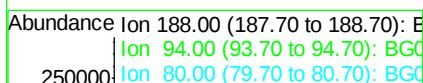
Tgt Ion: 188 Resp: 322943

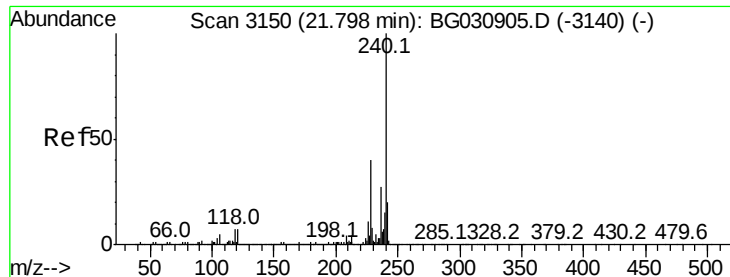
Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

80 7.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030928.D

Acq: 11 Nov 2017 4:37

Instrument :

BNA_G

ClientSampleId :

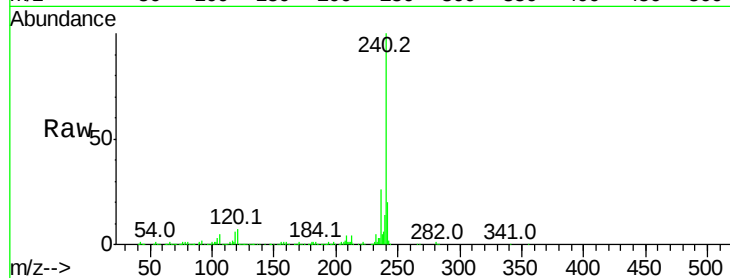
Tot Ion:240 Resp: 462785

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

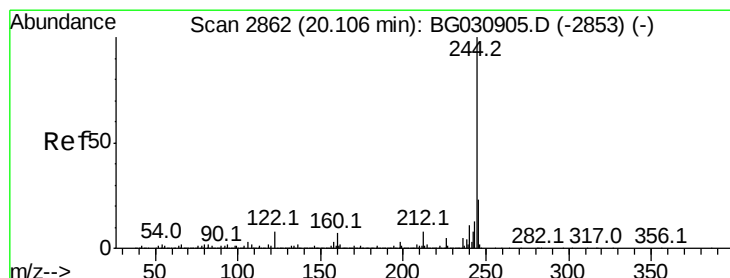
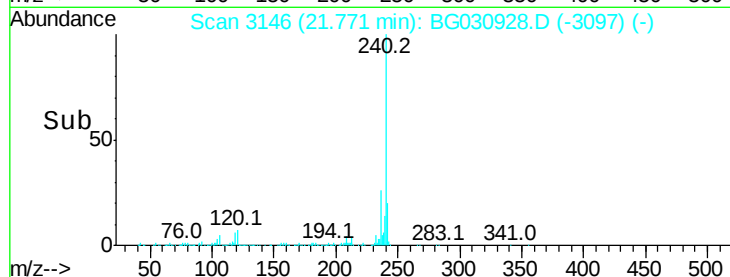
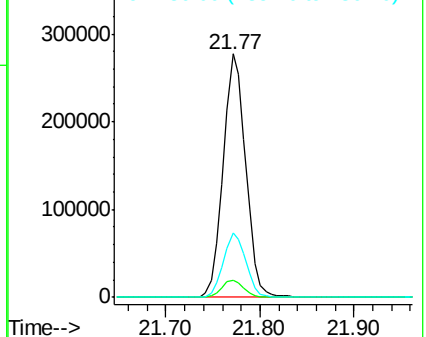
236 26.4 20.9 31.3



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: 75.720 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030928.D

Acq: 11 Nov 2017 4:37

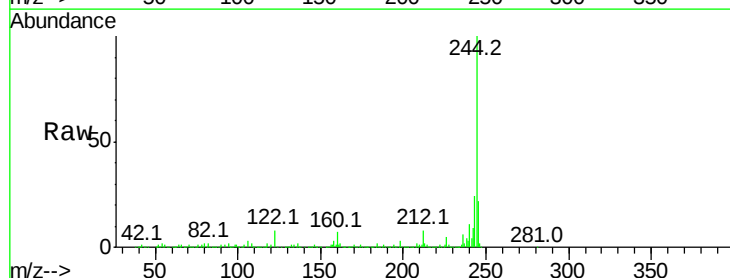
Tgt Ion:244 Resp: 1586980

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

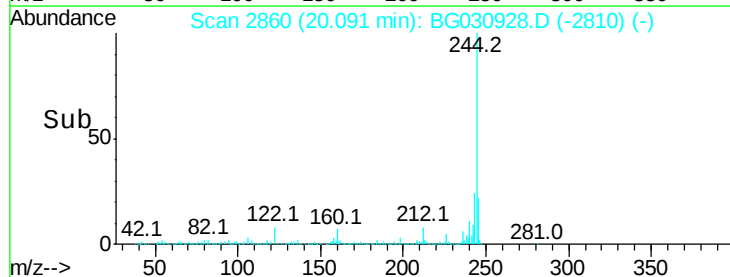
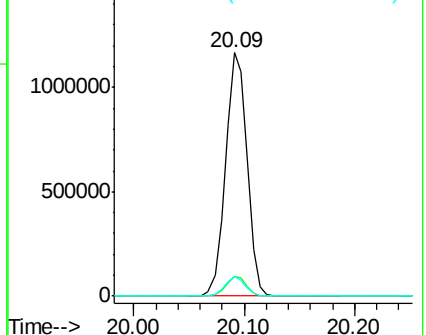
122 8.0 7.0 10.4

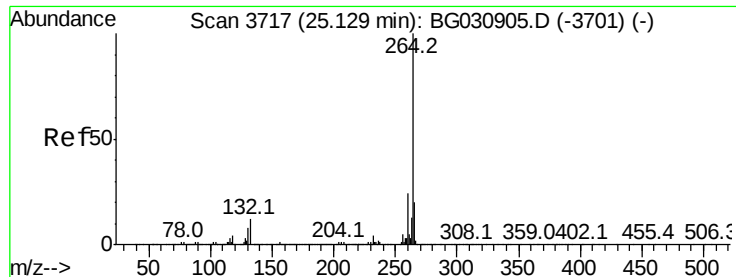


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

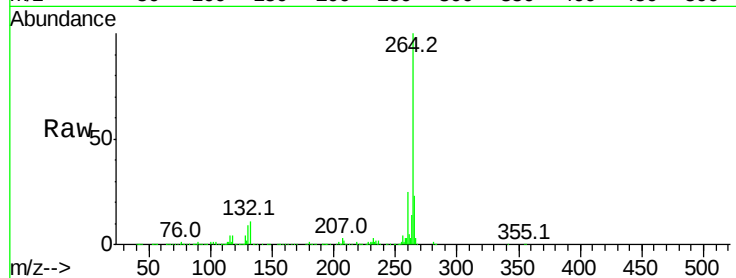




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG030928.D
Acq: 11 Nov 2017 4:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.8	17.7	26.5



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

