

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031029.D
 Acq On : 16 Nov 2017 1:55
 Operator : SJ/JU
 Sample : I6479-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POT-HEAD

Quant Time: Nov 16 08:17:10 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

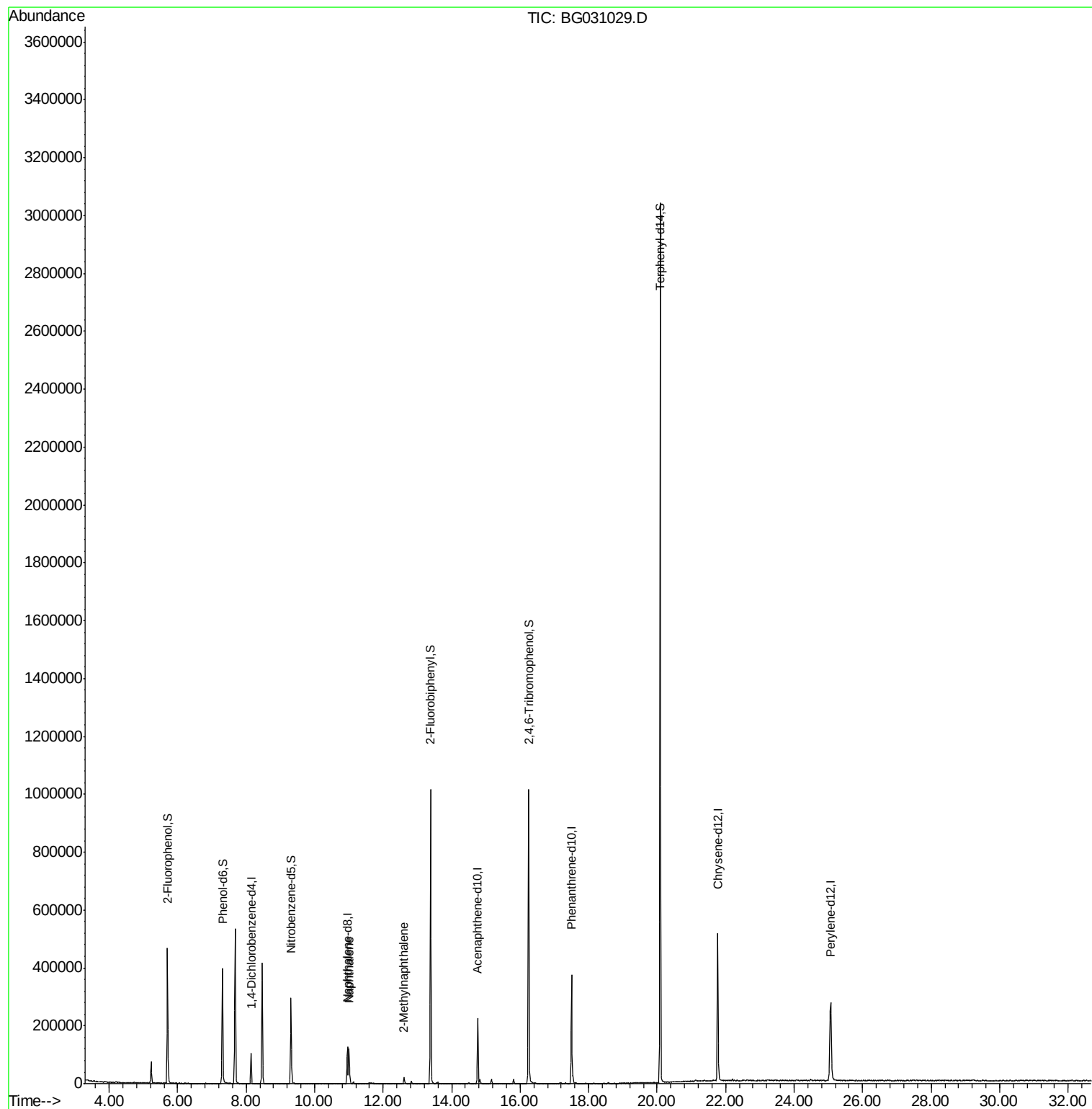
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32754	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	125852	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	88634	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	263511	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	390222	20.00	ng	-0.02
86) Perylene-d12	25.06	264	380255	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	222724	116.60	ng	0.00
7) Phenol-d6	7.31	99	246493	95.79	ng	0.00
23) Nitrobenzene-d5	9.31	82	189059	89.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	251124	175.14	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	609946	98.88	ng	-0.02
78) Terphenyl-d14	20.09	244	1508916	85.38	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	115527	18.673	ng	99
37) 2-Methylnaphthalene	12.61	142	13289	2.782	ng	95

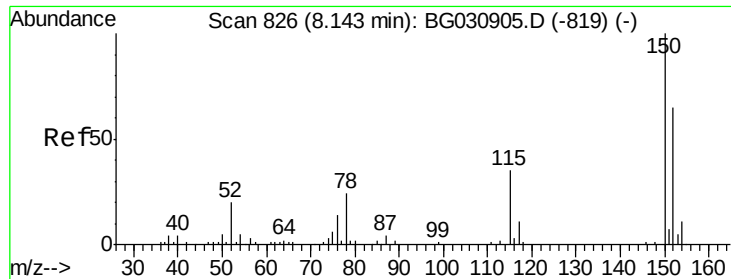
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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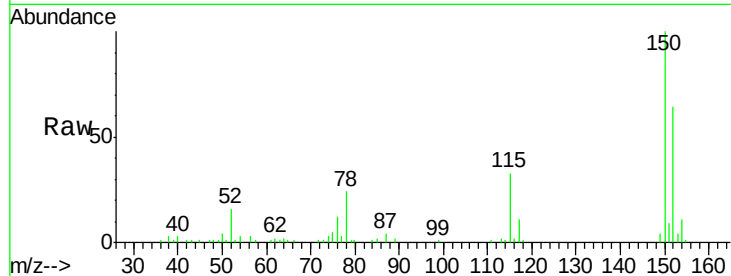


#1

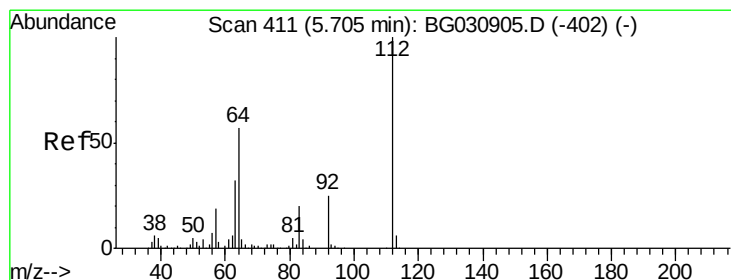
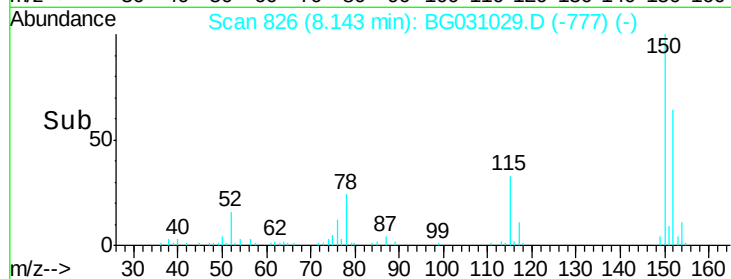
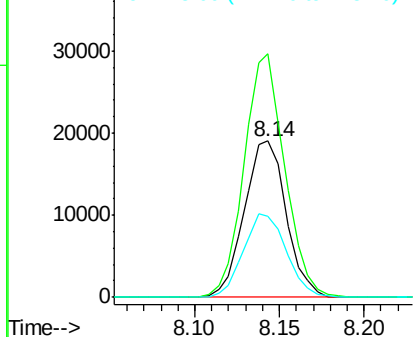
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

Instrument :
 BNA_G
 ClientSampleId :
 POT-HEAD

Tgt Ion:152 Resp: 32754
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.6 189.8
 115 52.1 53.0 79.4#



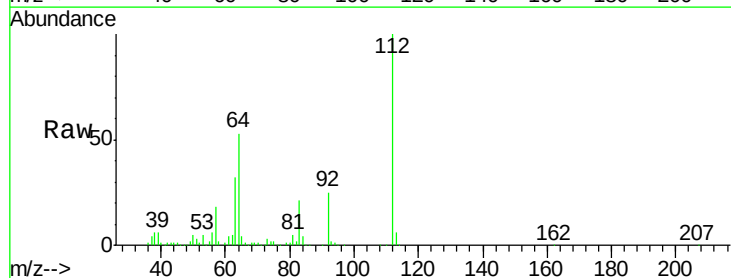
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



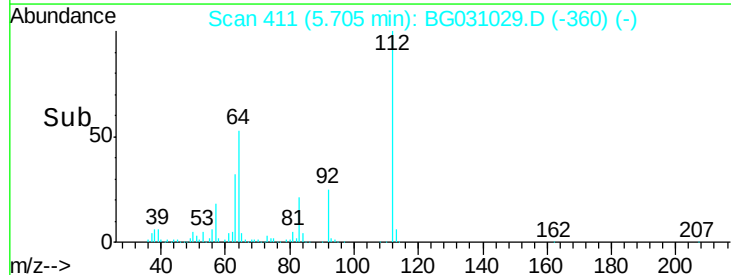
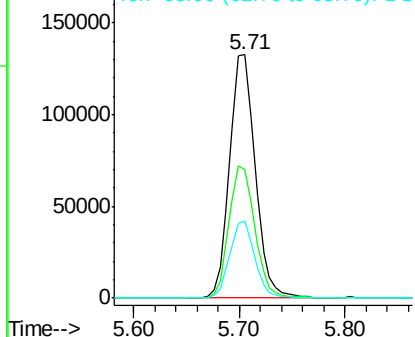
#5

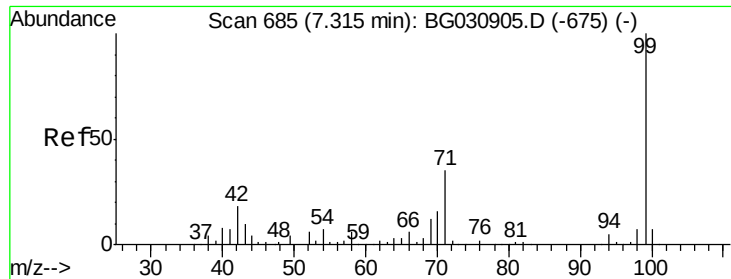
2-Fluorophenol
 Concen: 116.602 ng
 RT: 5.71 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

Tgt Ion:112 Resp: 222724
 Ion Ratio Lower Upper
 112 100
 64 52.8 56.3 84.5#
 63 31.8 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: 95.787 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

Instrument :

BNA_G

ClientSampleId :

POT-HEAD

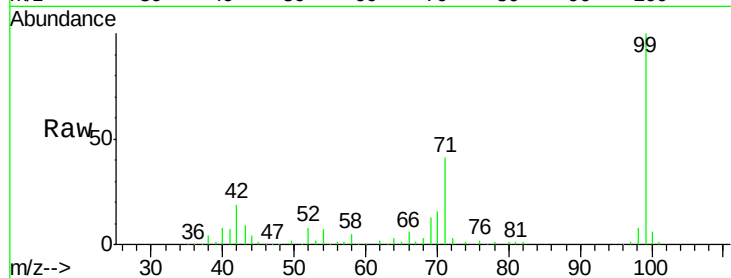
Tgt Ion: 99 Resp: 246493

Ion Ratio Lower Upper

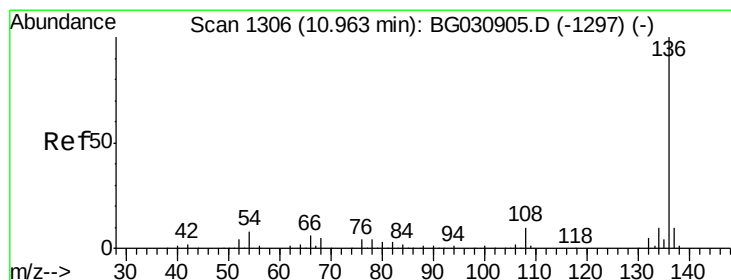
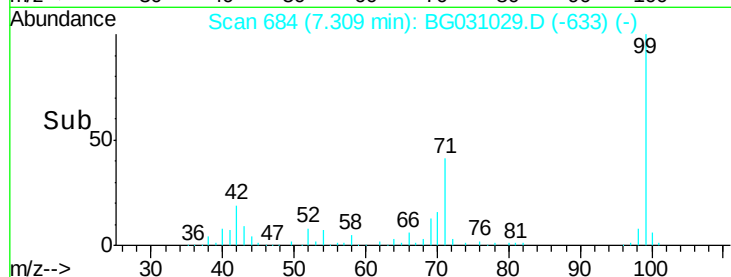
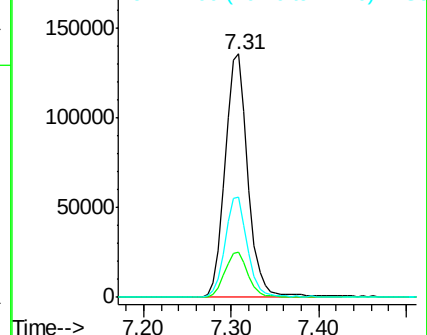
99 100

42 18.8 14.1 21.1

71 41.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

Tgt Ion: 136 Resp: 125852

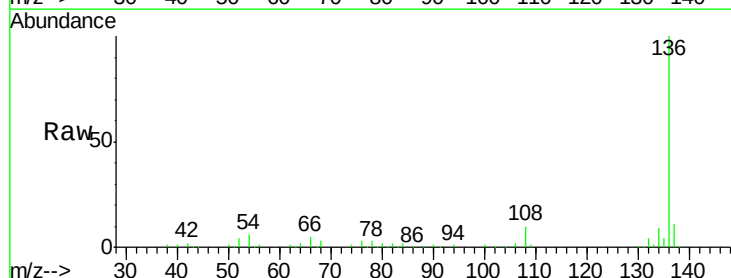
Ion Ratio Lower Upper

136 100

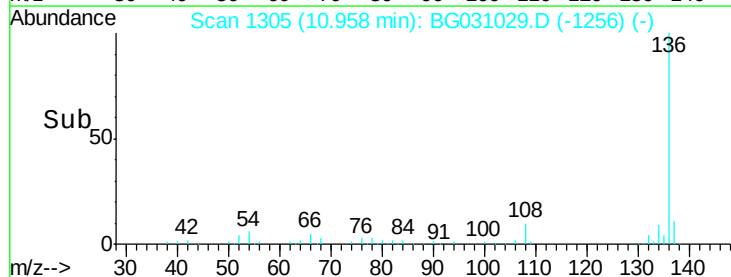
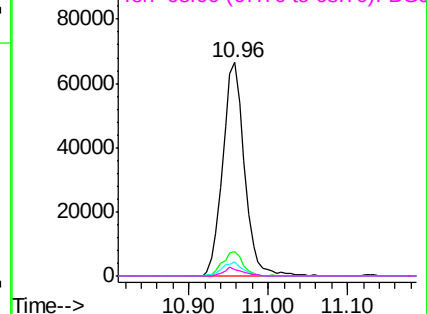
137 11.4 9.2 13.8

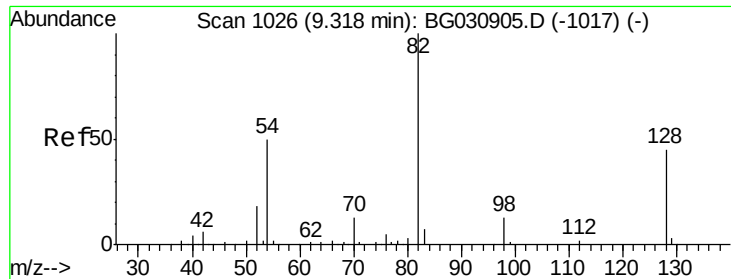
54 6.4 10.3 15.5#

68 2.9 4.5 6.7#



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

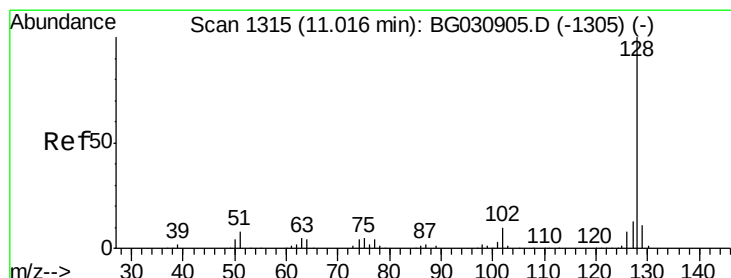
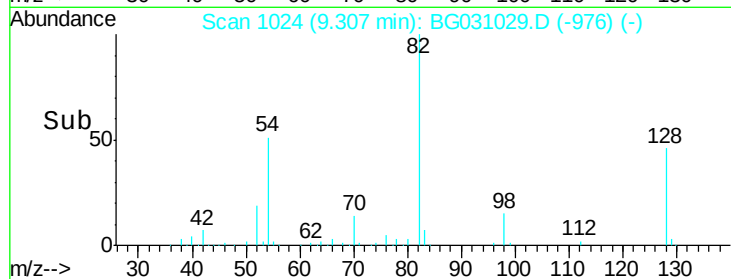
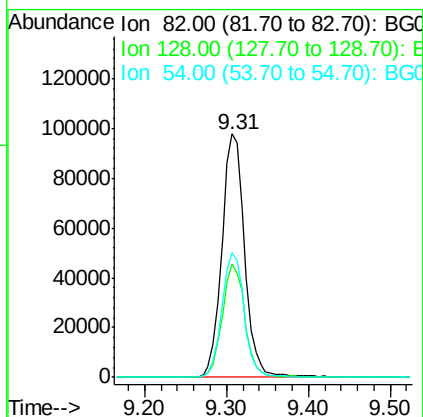
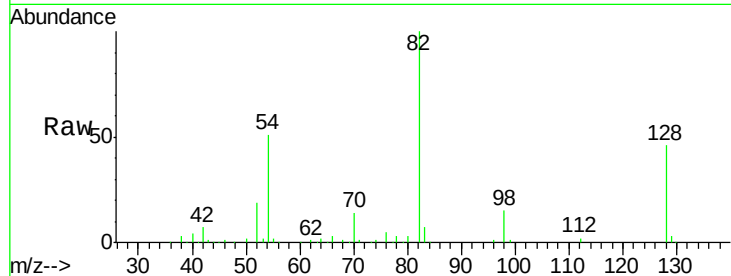




#23
 Nitrobenzene-d5
 Concen: 89.017 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

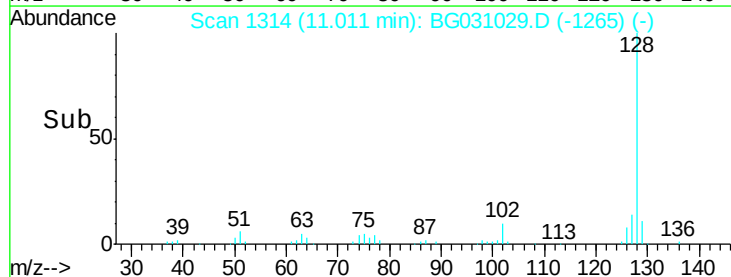
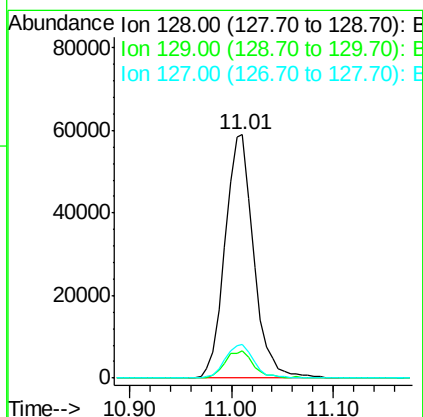
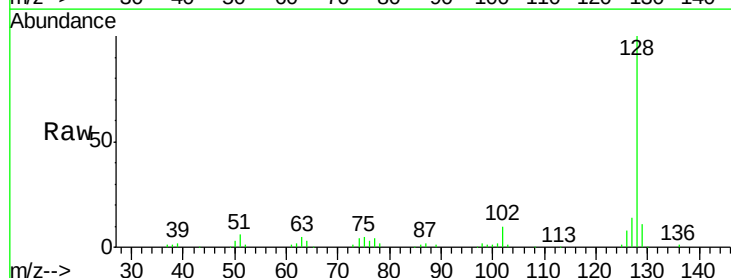
Instrument :
 BNA_G
 ClientSampleId :
 POT-HEAD

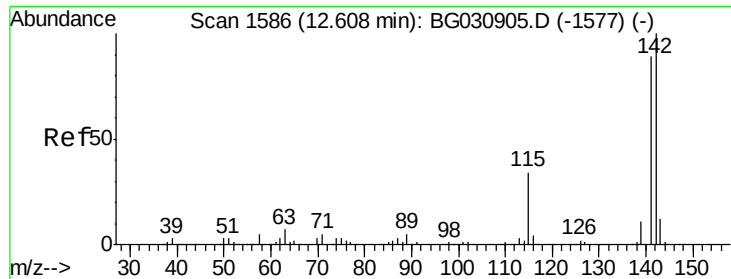
Tgt Ion: 82 Resp: 189059
 Ion Ratio Lower Upper
 82 100
 128 46.4 29.7 44.5#
 54 50.9 43.1 64.7



#31
 Naphthalene
 Concen: 18.673 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

Tgt Ion: 128 Resp: 115527
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 13.7 11.6 17.4

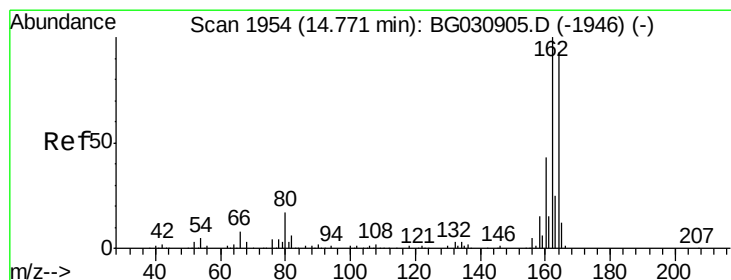
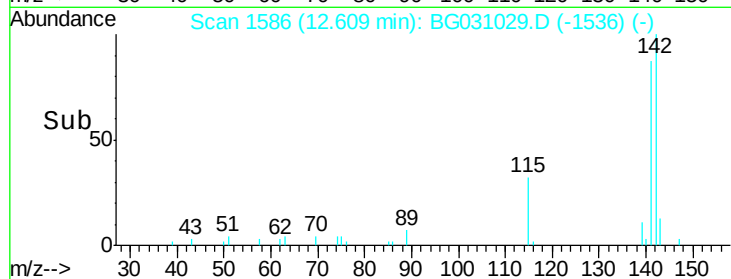
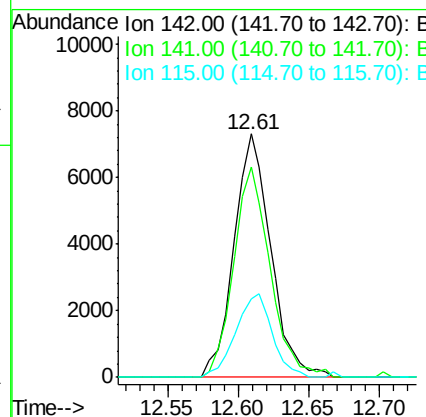
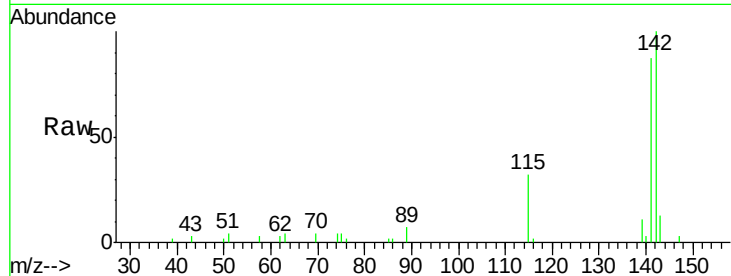




#37
 2-Methylnaphthalene
 Concen: 2.782 ng
 RT: 12.61 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

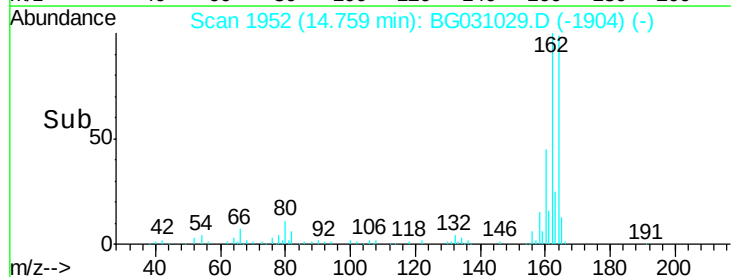
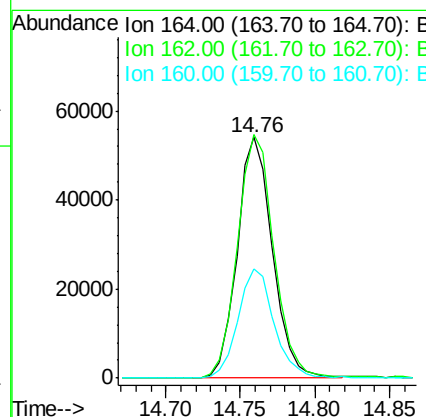
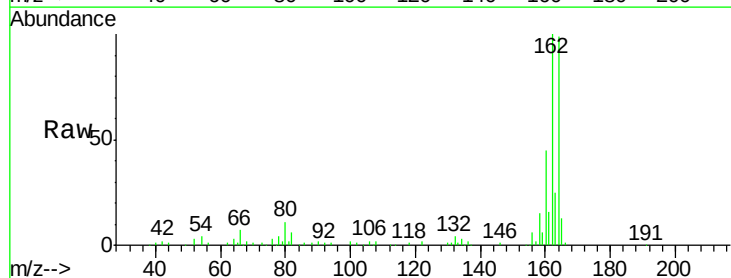
Instrument :
 BNA_G
 ClientSampleId :
 POT-HEAD

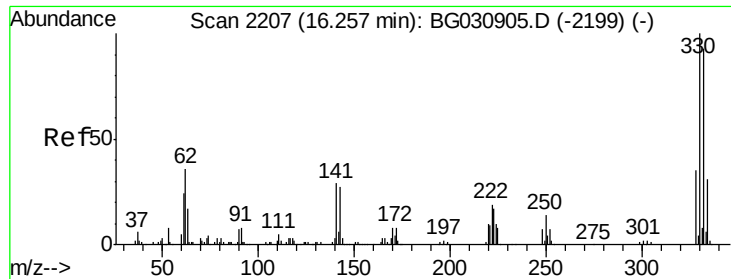
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.5	67.1	100.7
115	32.5	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	45.3	35.4	53.0

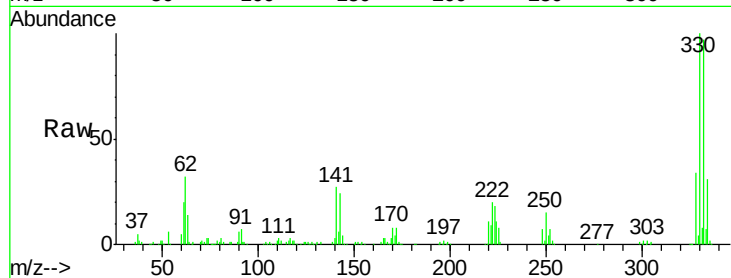




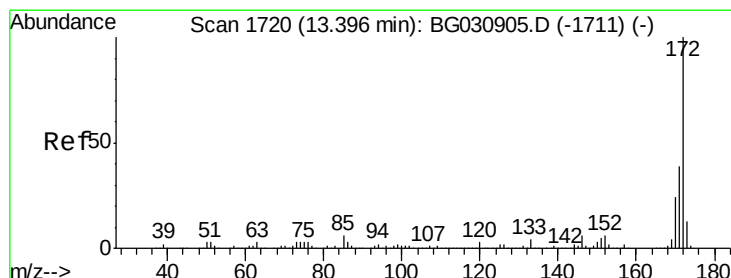
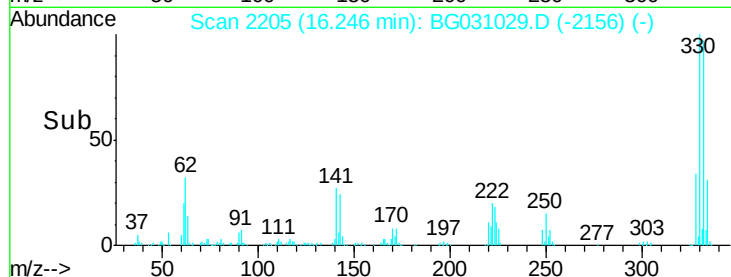
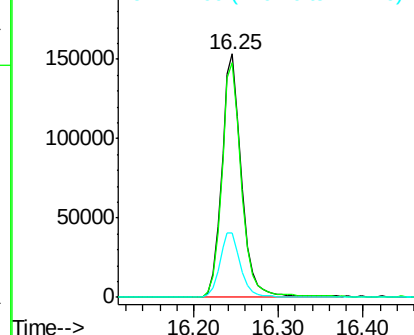
#41
 2,4,6-Tribromophenol
 Concen: 175.145 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

Instrument :
 BNA_G
 ClientSampleId :
 POT-HEAD

Tgt Ion:330 Resp: 251124
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 27.8 25.2 37.8

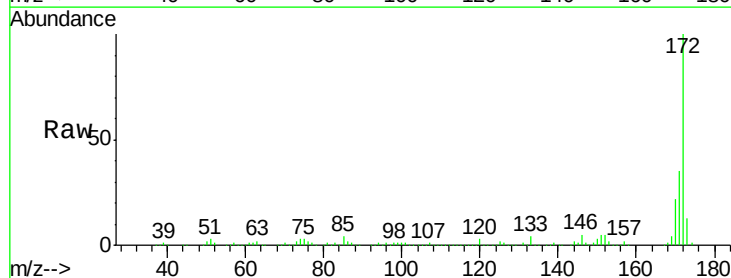


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

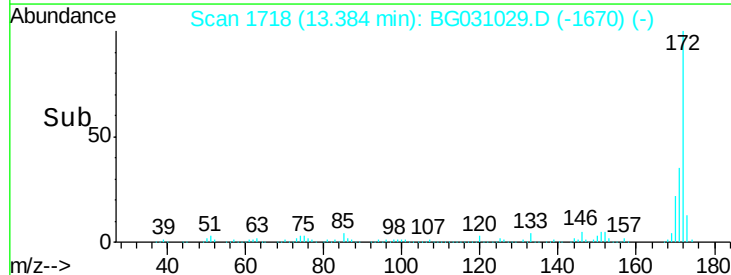
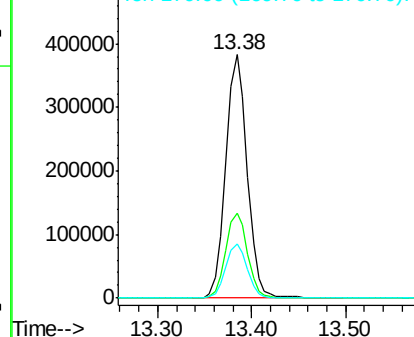


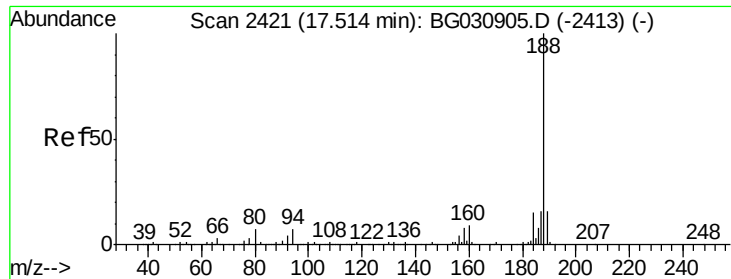
#44
 2-Fluorobiphenyl
 Concen: 98.881 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031029.D
 Acq: 16 Nov 2017 1:55

Tgt Ion:172 Resp: 609946
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 22.1 19.5 29.3



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

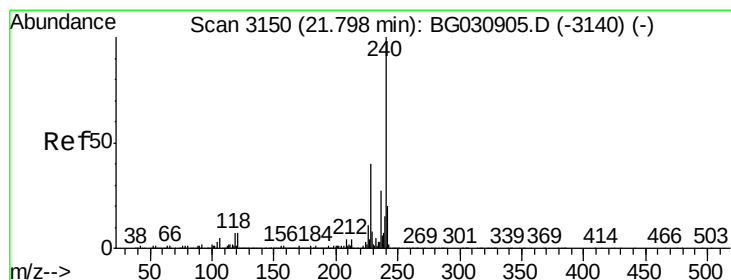
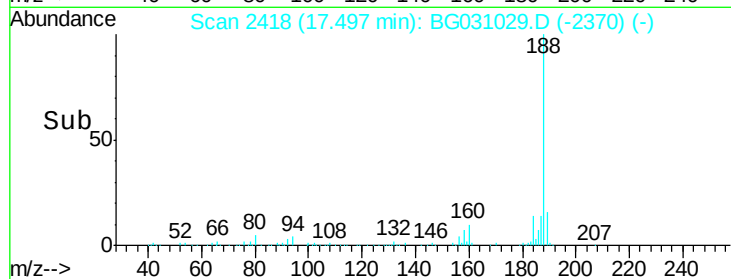
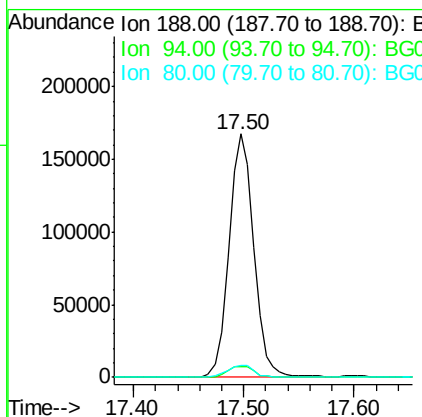
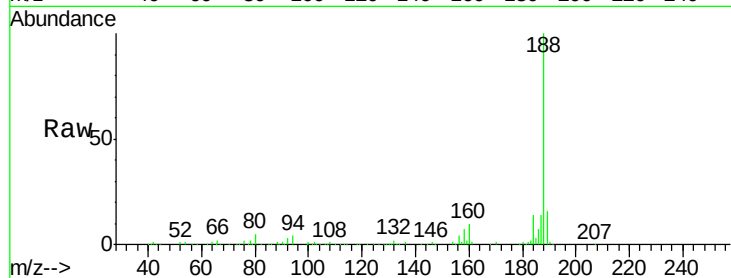




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031029.D
Acq: 16 Nov 2017 1:55

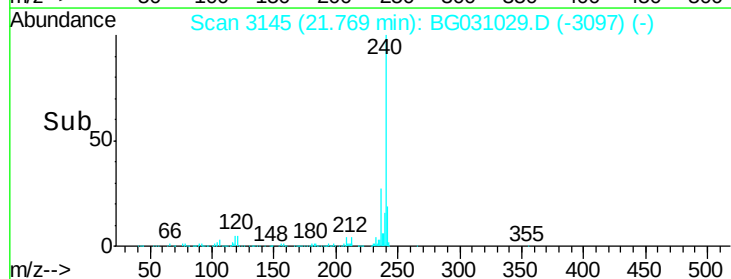
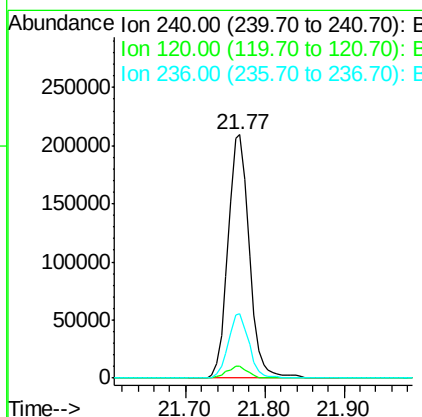
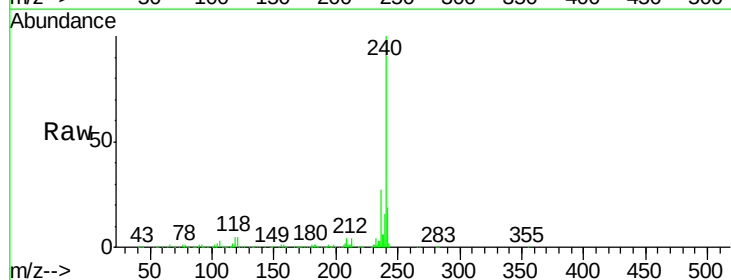
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BNA_G
ClientSampleId :
POT-HEAD

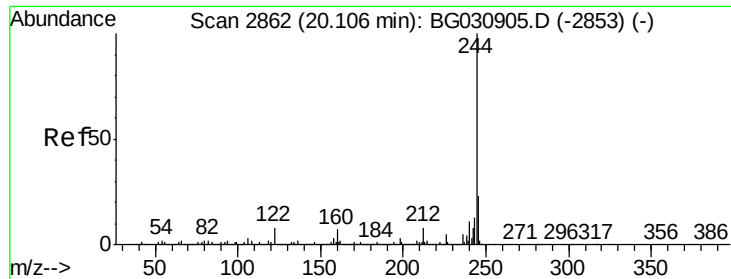
Tgt Ion:188 Resp: 263511
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031029.D
Acq: 16 Nov 2017 1:55

Tgt Ion:240 Resp: 390222
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 85.383 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

Instrument :

BNA_G

ClientSampled :

POT-HEAD

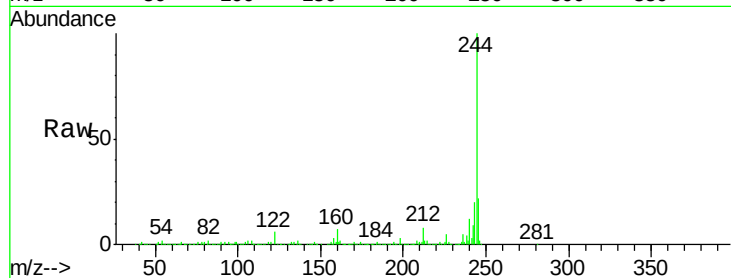
Tgt Ion:244 Resp: 1508916

Ion Ratio Lower Upper

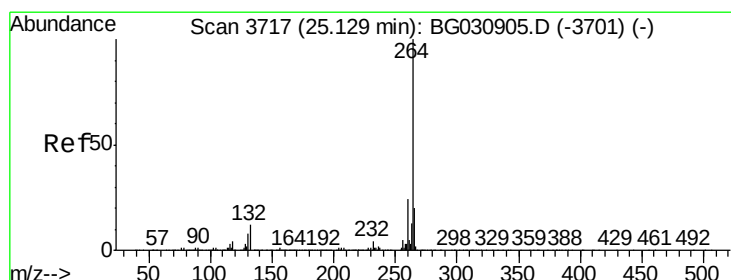
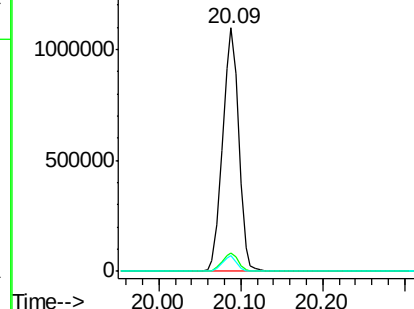
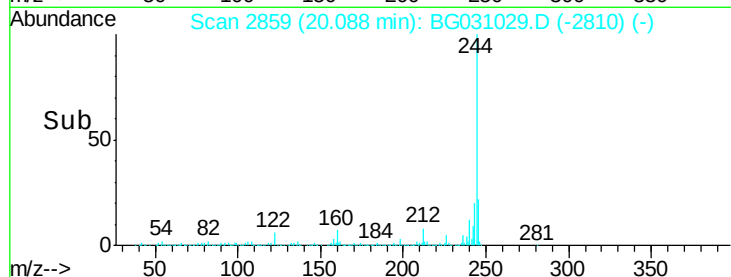
244 100

212 7.6 5.8 8.8

122 6.4 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

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031029.D

Acq: 16 Nov 2017 1:55

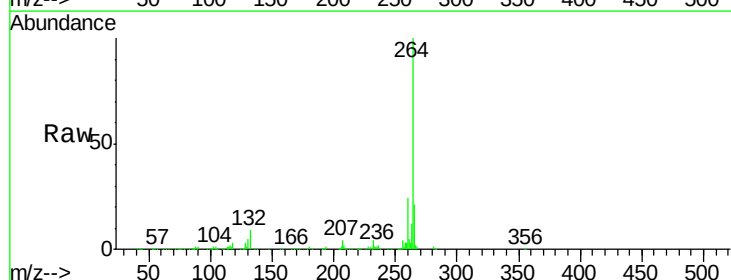
Tgt Ion:264 Resp: 380255

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.3 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

