

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031028.D
 Acq On : 16 Nov 2017 1:17
 Operator : SJ/JU
 Sample : I6481-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SCMUA-SLUDGE-CAKE

Quant Time: Nov 16 08:15:23 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

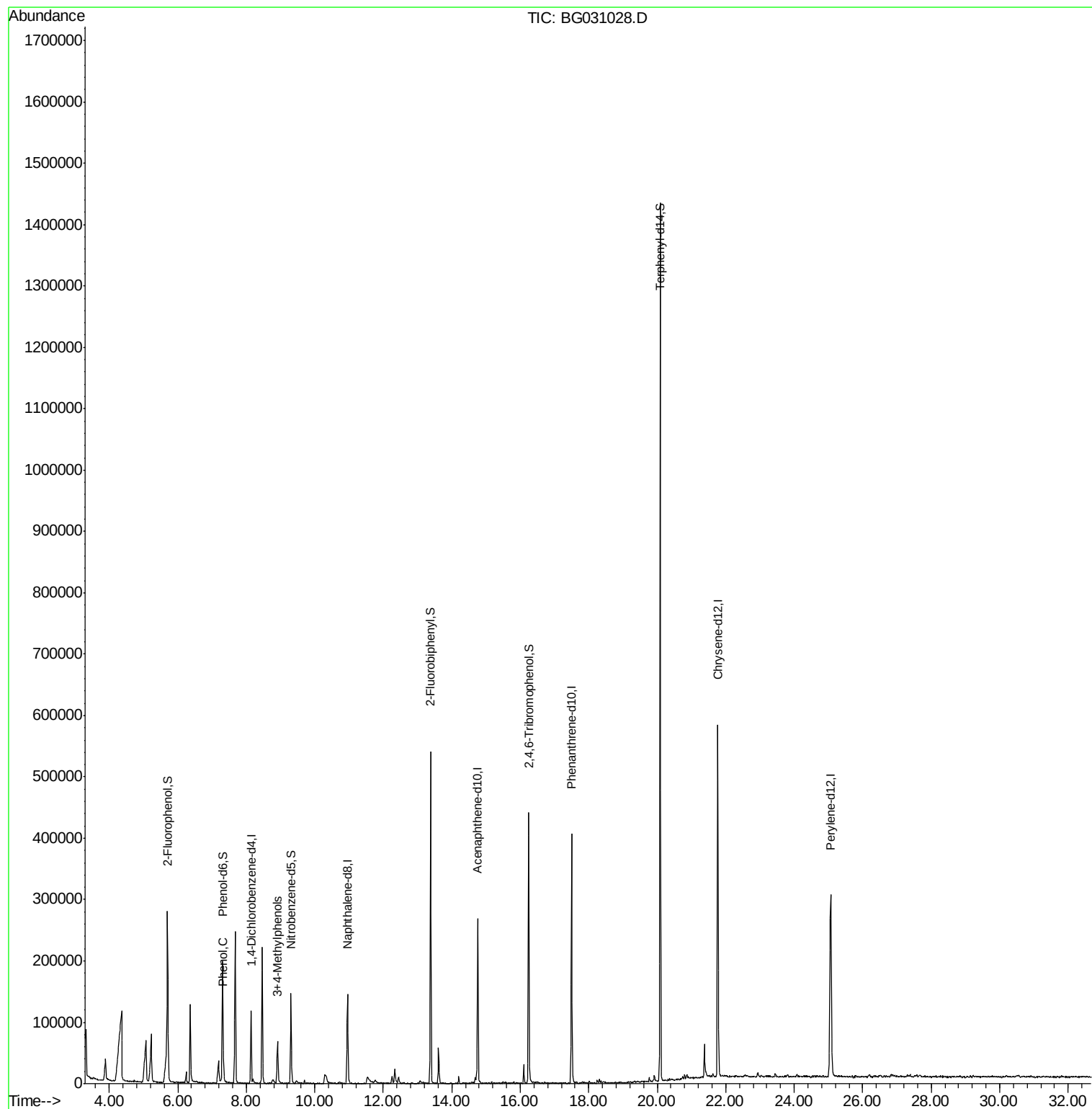
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36706	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	136923	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	98381	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	281731	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	399198	20.00	ng	-0.02
86) Perylene-d12	25.06	264	395035	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	103856	48.52	ng	0.00
7) Phenol-d6	7.31	99	121038	41.97	ng	0.00
23) Nitrobenzene-d5	9.31	82	90686	39.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	107438	67.51	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	316247	46.19	ng	-0.02
78) Terphenyl-d14	20.09	244	746268	41.28	ng	-0.01
Target Compounds						
10) Phenol	7.33	94	14637	4.887	ng	90
20) 3+4-Methylphenols	8.91	107	38733	13.061	ng	95

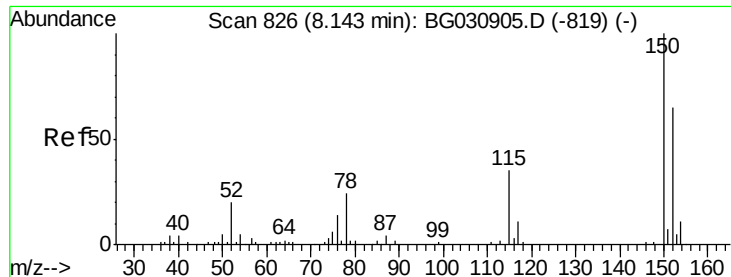
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
Data File : BG031028.D
Acq On : 16 Nov 2017 1:17
Operator : SJ/JU
Sample : I6481-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SCMUA-SLUDGE-CAKE

Quant Time: Nov 16 08:15:23 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



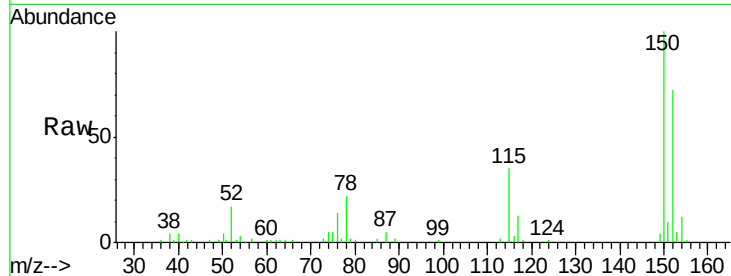


#1

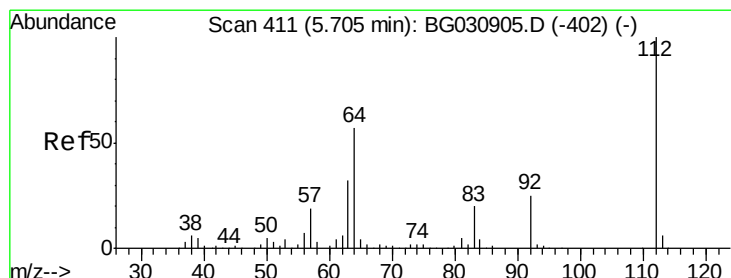
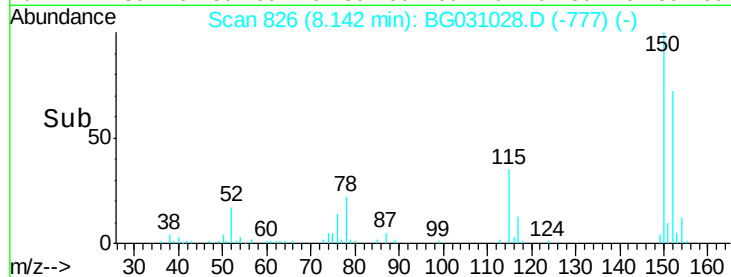
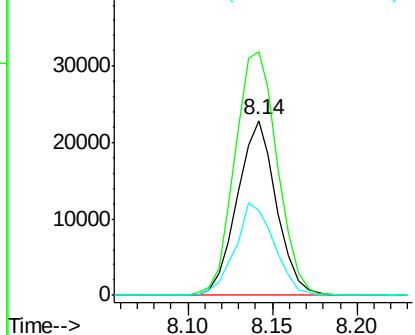
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

Instrument :
BNA_G
ClientSampleId :
SCMUA-SLUDGE-CAKE

Tgt Ion:152 Resp: 36706
Ion Ratio Lower Upper
152 100
150 139.4 126.6 189.8
115 48.4 53.0 79.4#



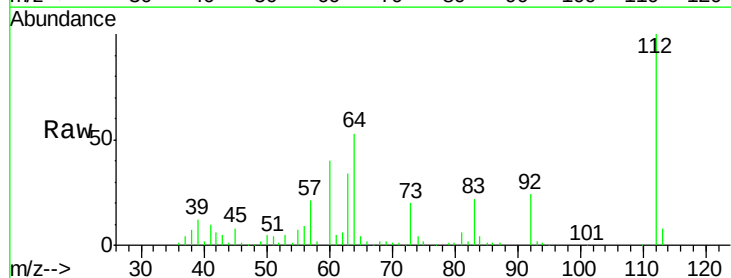
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



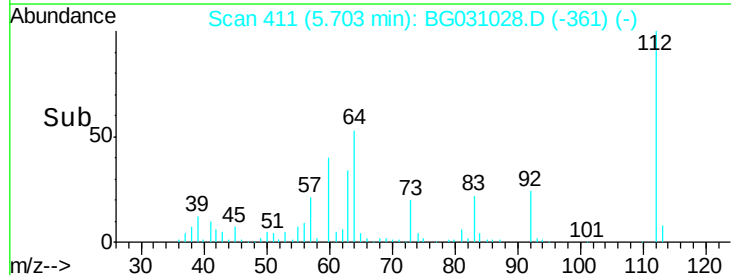
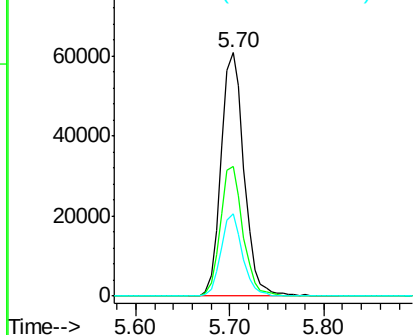
#5

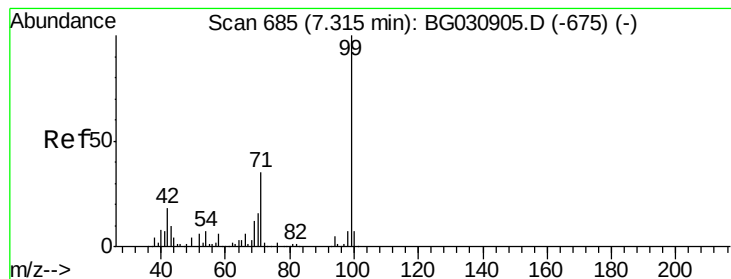
2-Fluorophenol
Concen: 48.517 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

Tgt Ion:112 Resp: 103856
Ion Ratio Lower Upper
112 100
64 53.3 56.3 84.5#
63 33.6 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: 41.971 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031028.D

Acq: 16 Nov 2017 1:17

Instrument :

BNA_G

ClientSampleId :

SCMUA-SLUDGE-CAKE

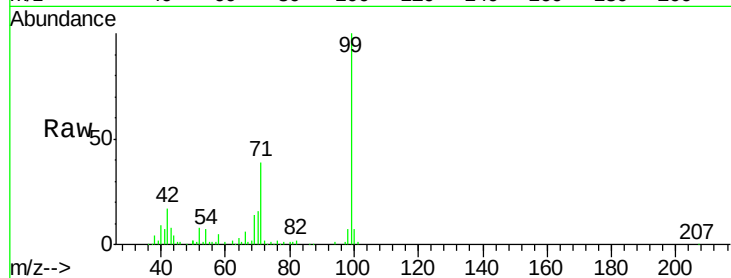
Tgt Ion: 99 Resp: 121038

Ion Ratio Lower Upper

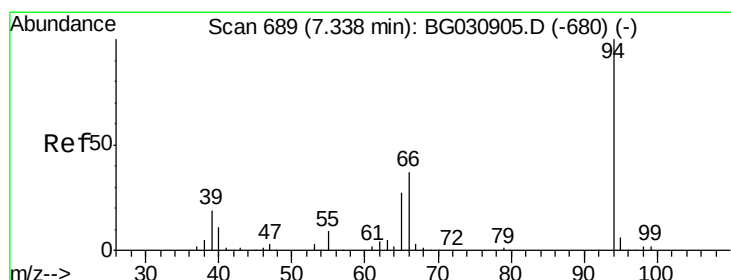
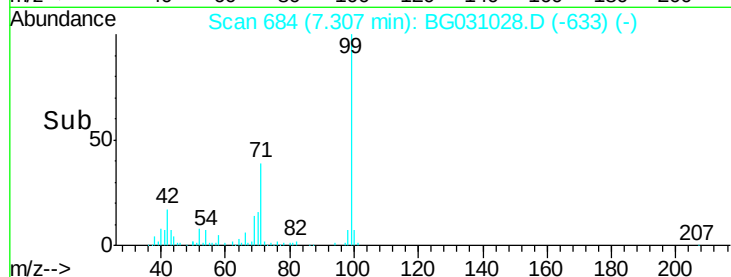
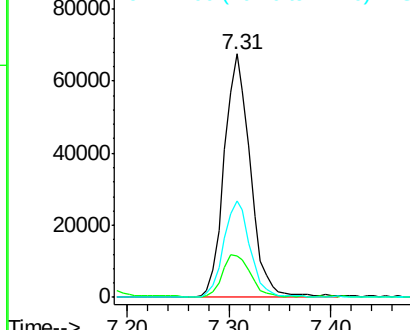
99 100

42 17.1 14.1 21.1

71 39.4 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



#10

Phenol

Concen: 4.887 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG031028.D

Acq: 16 Nov 2017 1:17

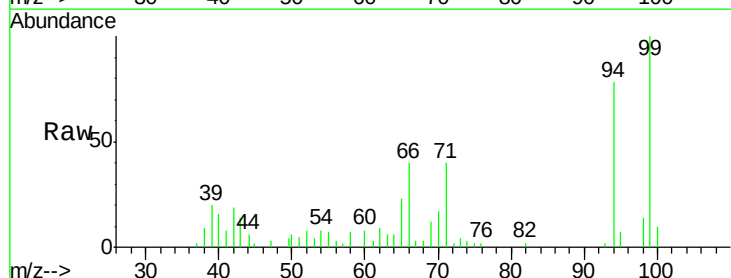
Tgt Ion: 94 Resp: 14637

Ion Ratio Lower Upper

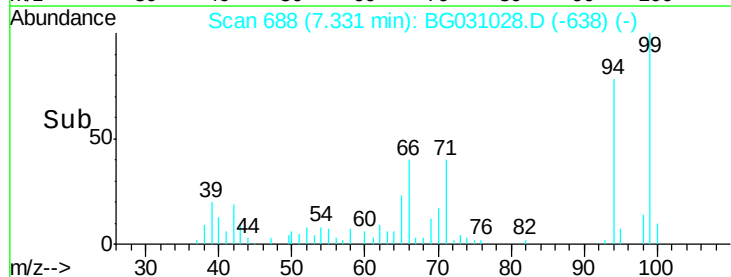
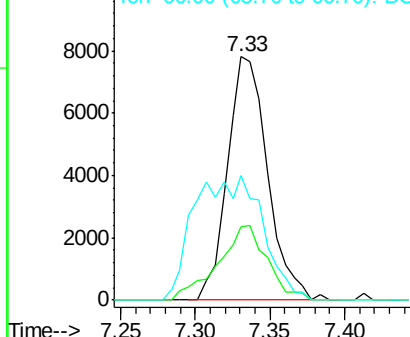
94 100

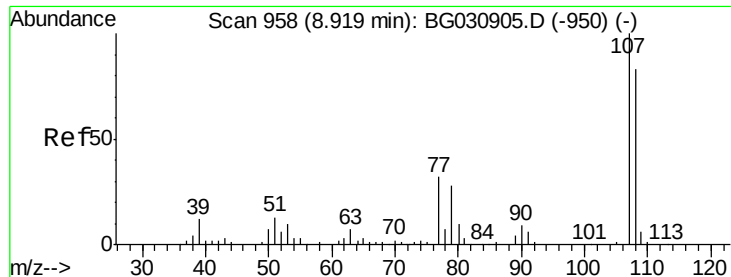
65 29.9 11.9 51.9

66 51.3 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

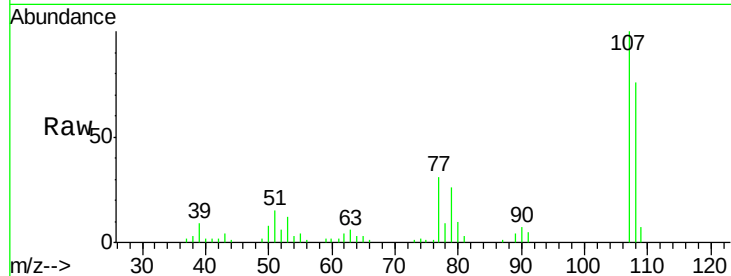




#20
 3+4-Methylphenols
 Concen: 13.061 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BG031028.D
 Acq: 16 Nov 2017 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SCMUA-SLUDGE-CAKE

Tgt Ion:	107	Resp:	38733
Ion	Ratio	Lower	Upper
107	100		
108	76.5	61.6	101.6
77	31.4	13.9	53.9
79	25.8	8.8	48.8



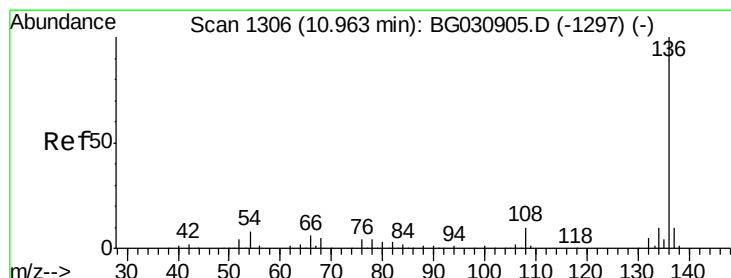
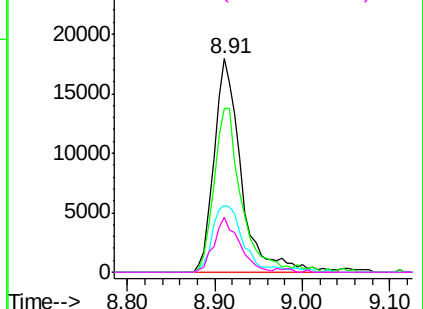
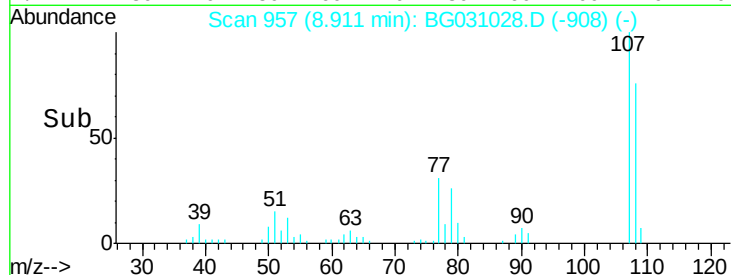
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

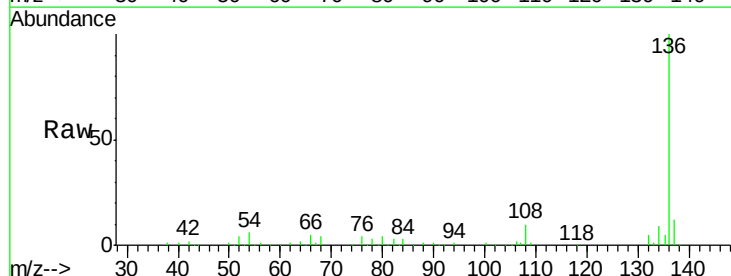
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG031028.D
 Acq: 16 Nov 2017 1:17

Tgt Ion:	136	Resp:	136923
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	6.3	10.3	15.5#
68	3.8	4.5	6.7#



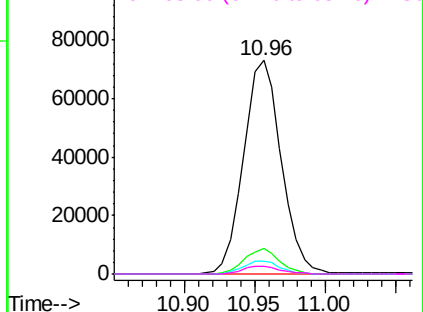
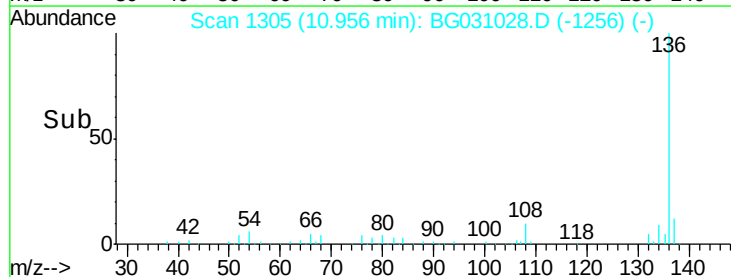
Abundance

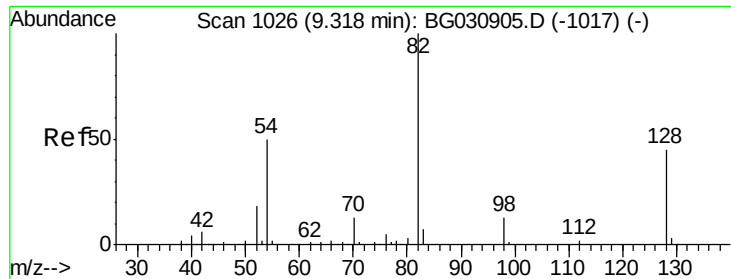
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

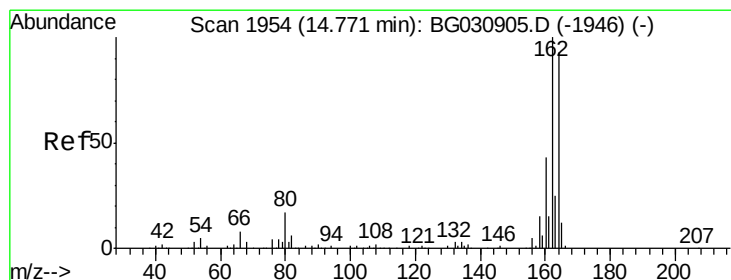
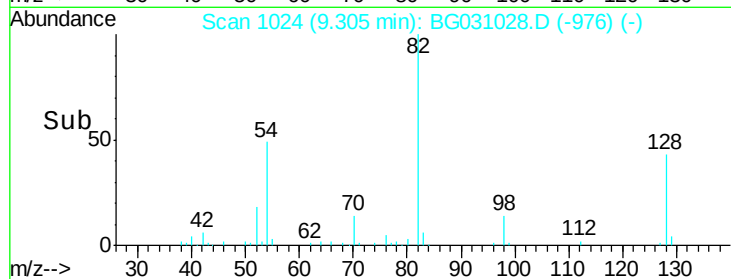
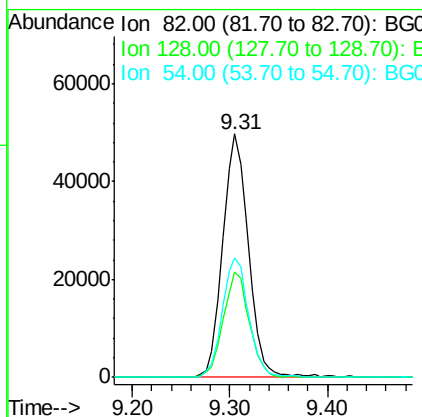
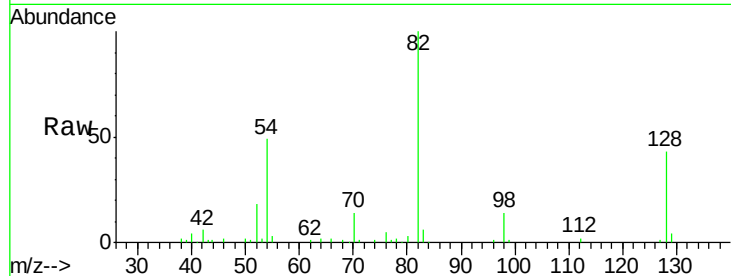




#23
 Nitrobenzene-d5
 Concen: 39.246 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031028.D
 Acq: 16 Nov 2017 1:17

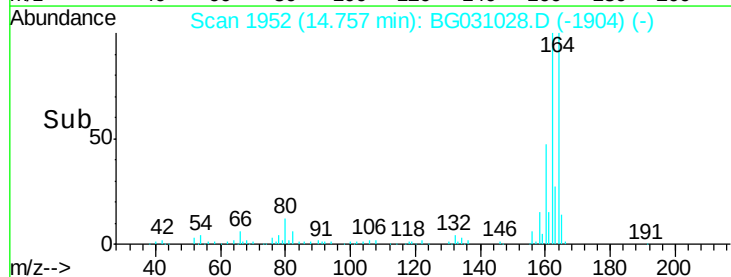
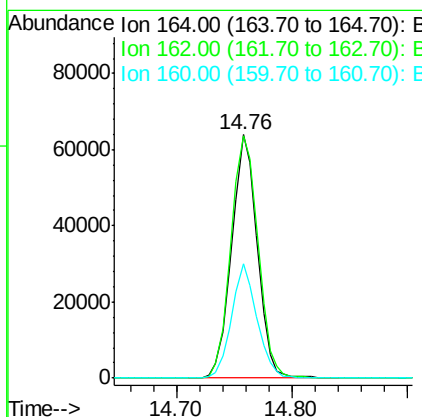
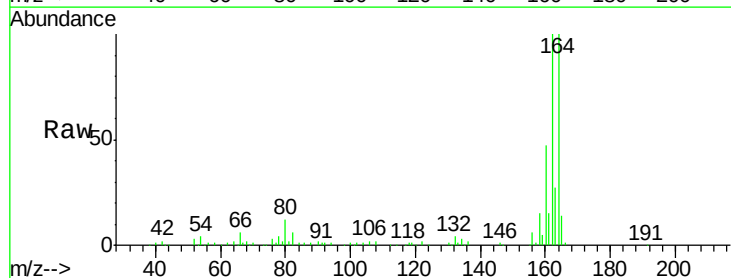
Instrument :
 BNA_G
 ClientSampleId :
 SCMUA-SLUDGE-CAKE

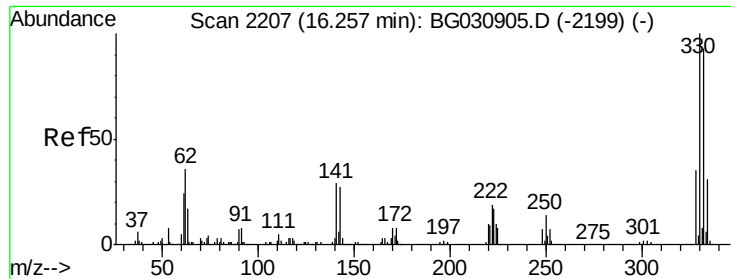
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	49.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031028.D
 Acq: 16 Nov 2017 1:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	47.1	35.4	53.0

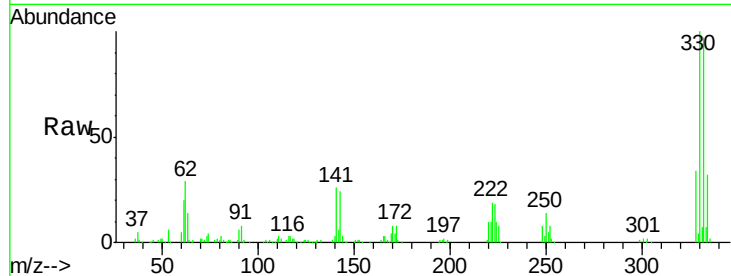




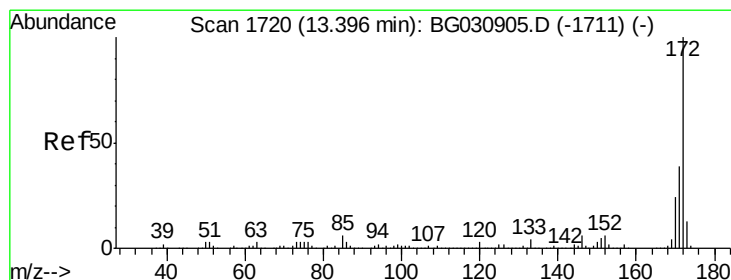
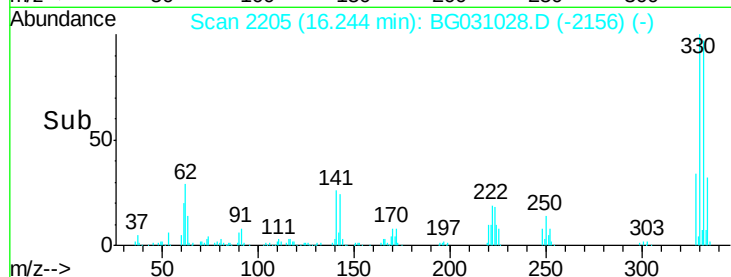
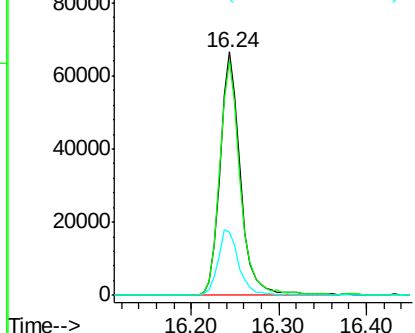
#41
 2,4,6-Tribromophenol
 Concen: 67.508 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031028.D
 Acq: 16 Nov 2017 1:17

Instrument :
 BNA_G
 ClientSampleId :
 SCMUA-SLUDGE-CAKE

Tgt Ion:330 Resp: 107438
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 27.4 25.2 37.8

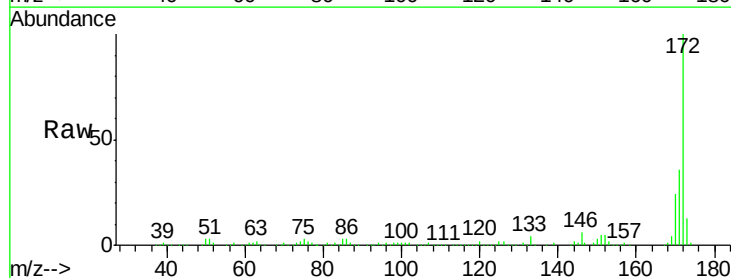


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

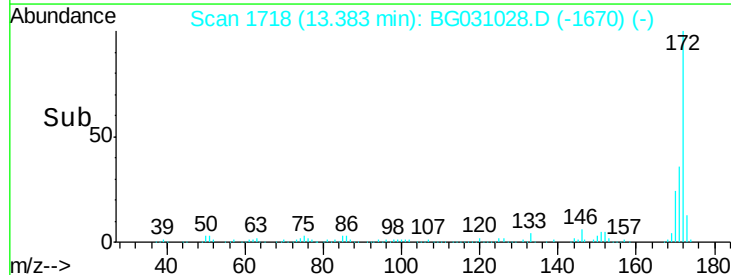
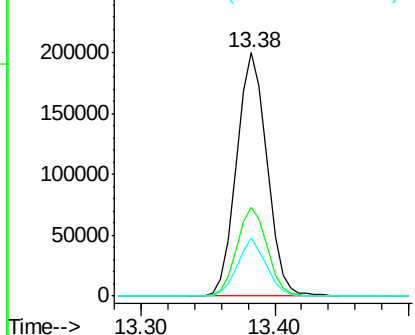


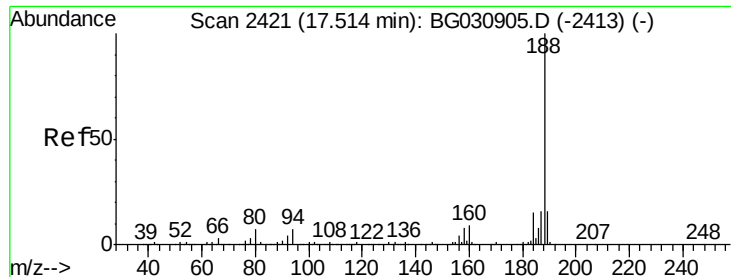
#44
 2-Fluorobiphenyl
 Concen: 46.189 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031028.D
 Acq: 16 Nov 2017 1:17

Tgt Ion:172 Resp: 316247
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 23.9 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

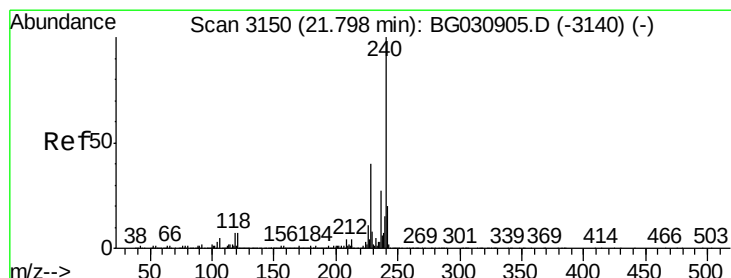
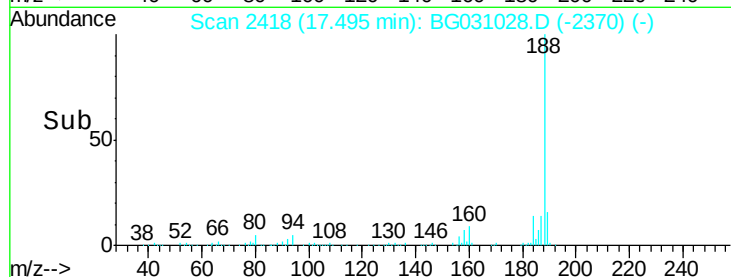
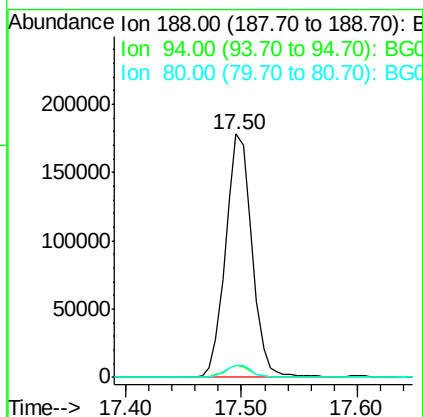
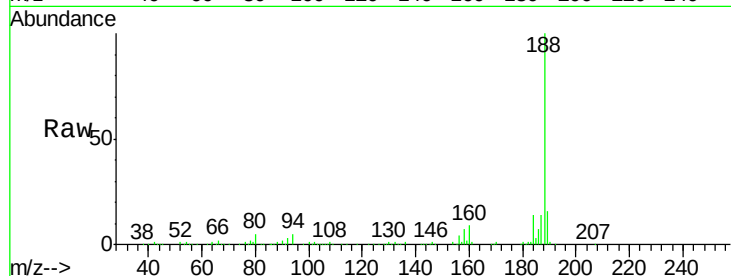




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

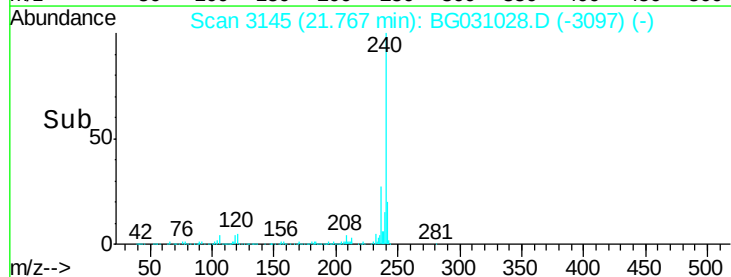
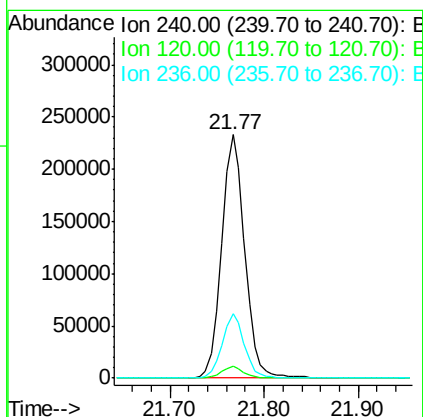
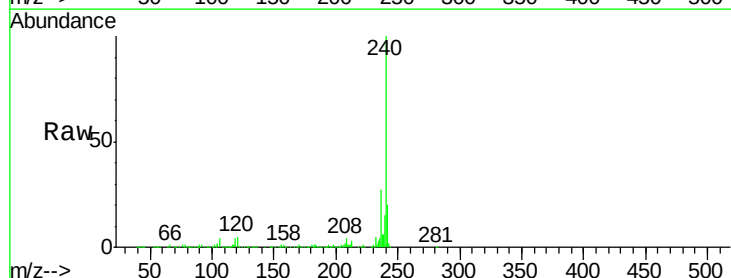
Instrument :
BNA_G
ClientSampleId :
SCMUA-SLUDGE-CAKE

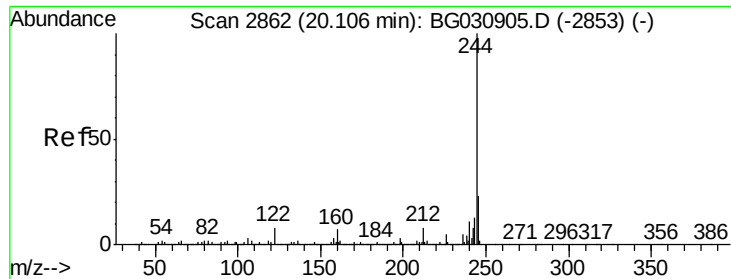
Tgt Ion:188 Resp: 281731
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 5.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031028.D
Acq: 16 Nov 2017 1:17

Tgt Ion:240 Resp: 399198
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 41.278 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031028.D

Acq: 16 Nov 2017 1:17

Instrument :

BNA_G

ClientSampleId :

SCMUA-SLUDGE-CAKE

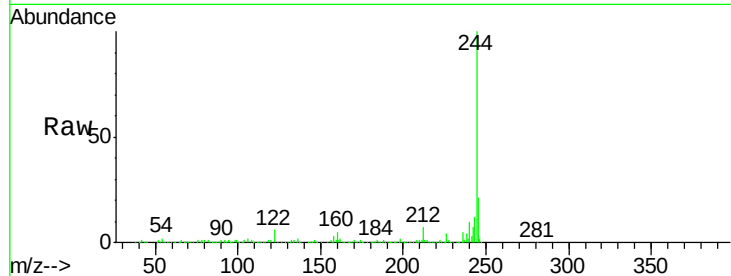
Tgt Ion:244 Resp: 746268

Ion Ratio Lower Upper

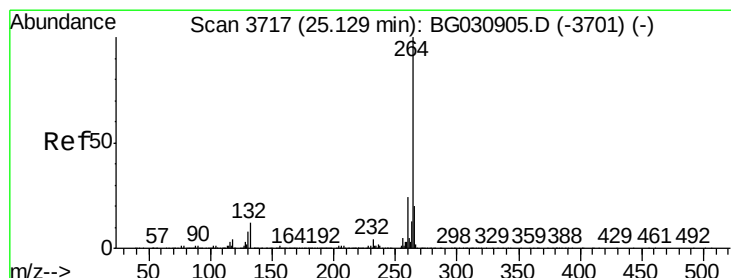
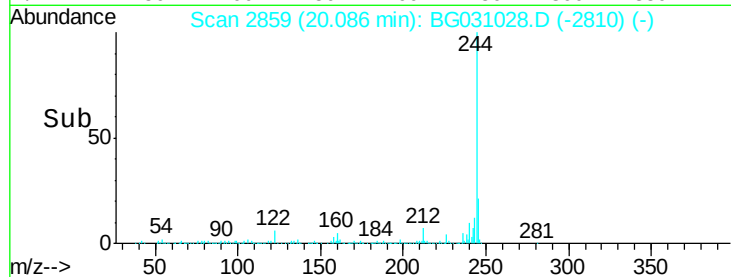
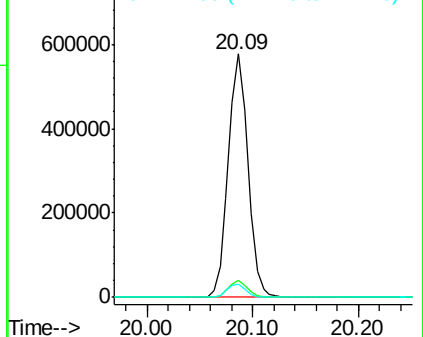
244 100

212 6.9 5.8 8.8

122 5.7 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# 3706

Delta R.T. -0.03 min

Lab File: BG031028.D

Acq: 16 Nov 2017 1:17

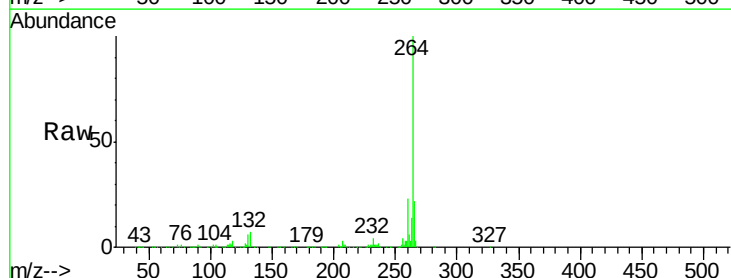
Tgt Ion:264 Resp: 395035

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 22.1 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

