

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032602.D
 Acq On : 7 Feb 2018 20:20
 Operator : SJ/JU
 Sample : J1461-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RECLAIMER-SLUDGE-PIT

Quant Time: Feb 08 03:38:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

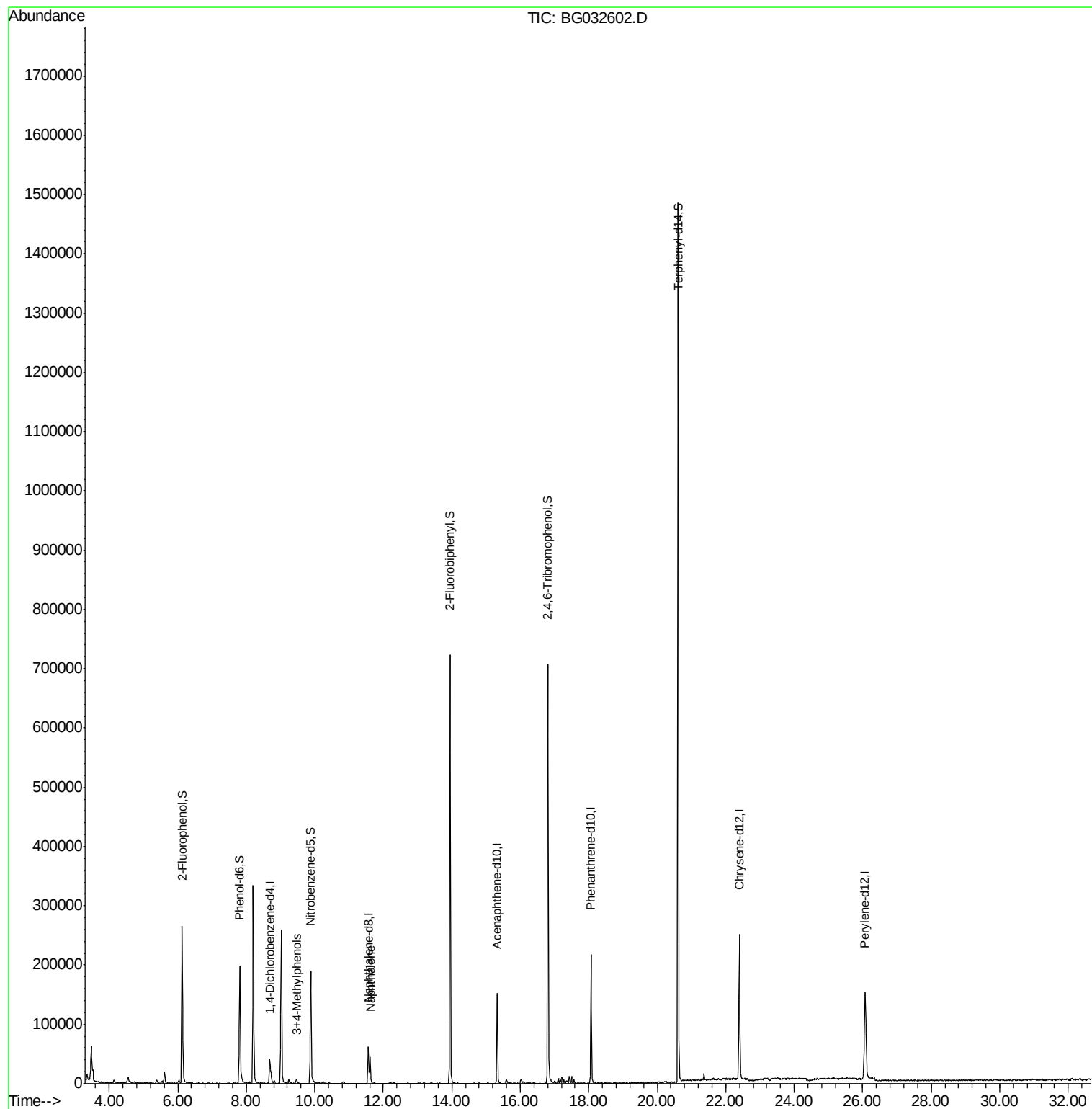
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	16969	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	67415	20.00	ng	-0.02
38) Acenaphthene-d10	15.33	164	60592	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	159979	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	198244	20.00	ng	-0.01
86) Perylene-d12	26.07	264	221456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	142419	168.58	ng	-0.02
7) Phenol-d6	7.81	99	145867	129.39	ng	-0.01
23) Nitrobenzene-d5	9.89	82	122653	113.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	183443	159.05	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	462795	90.78	ng	-0.02
78) Terphenyl-d14	20.61	244	819750	88.58	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	9.46	107	5776	4.736	ng	87
31) Naphthalene	11.61	128	46683	14.178	ng	96

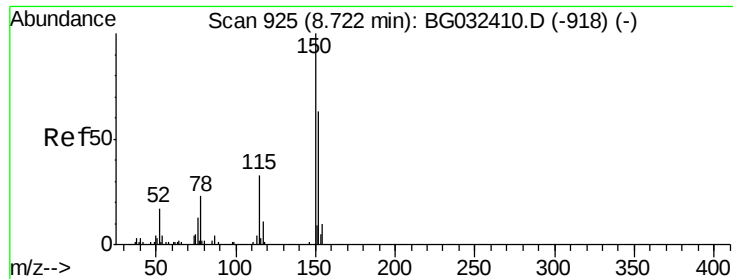
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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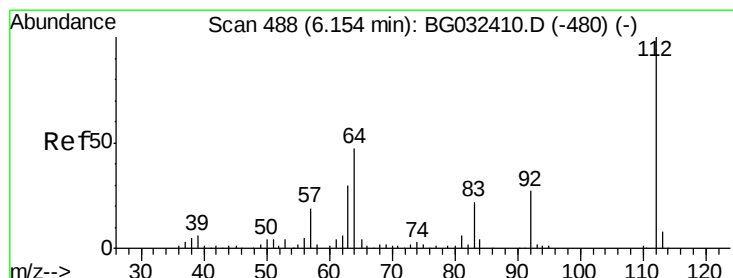
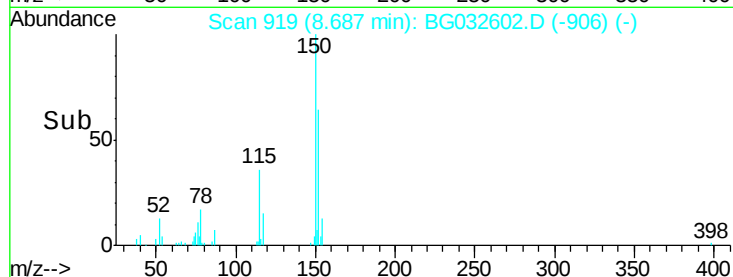
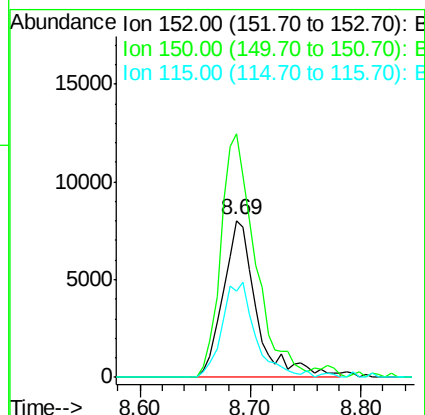
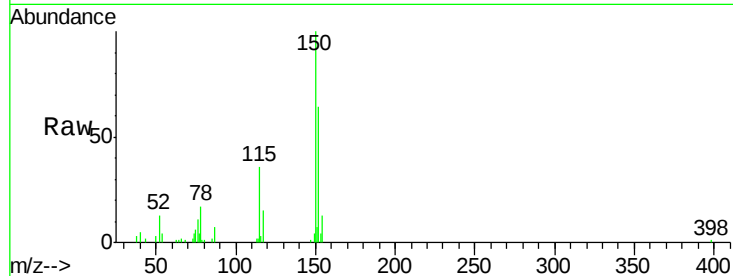


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032602.D
Acq: 7 Feb 2018 20:20

Instrument :
BNA_G
ClientSampleId :
RECLAIMER-SLUDGE-PIT

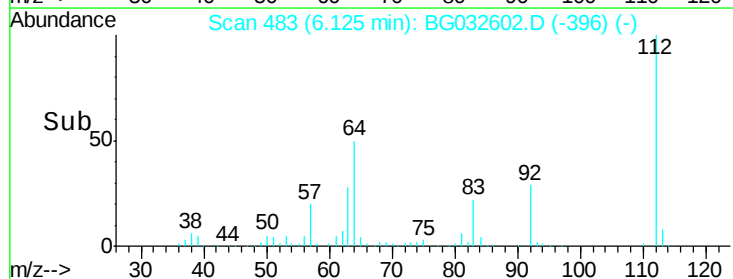
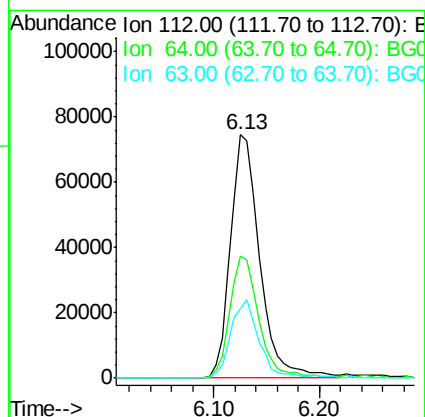
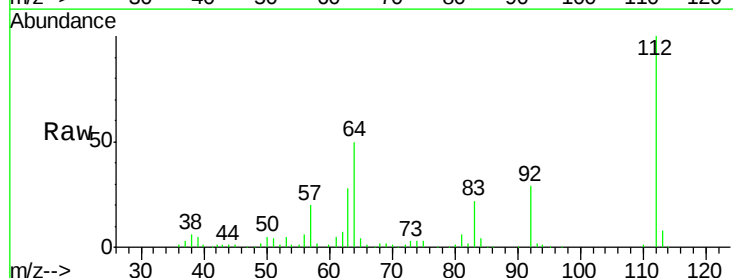
Tot Ion:152 Resp: 16969
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 55.2 53.0 79.4

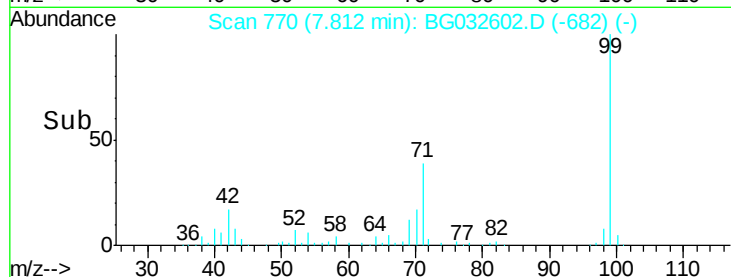
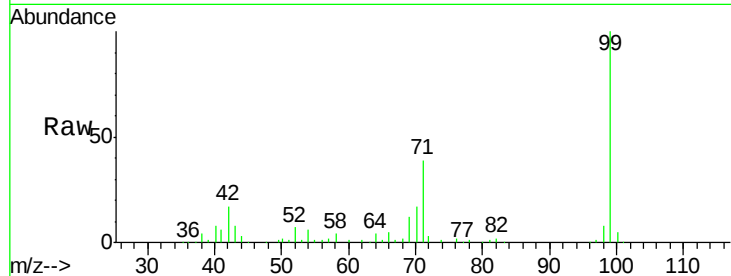
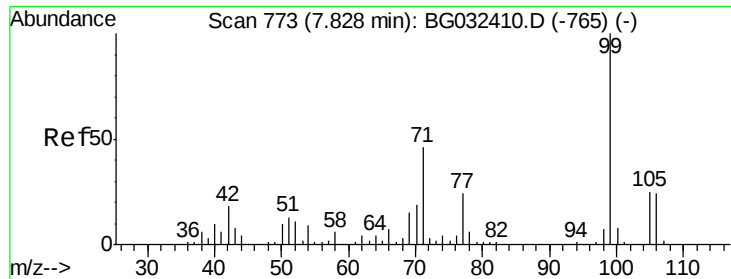


#5

2-Fluorophenol
Concen: 168.576 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032602.D
Acq: 7 Feb 2018 20:20

Tgt Ion:112 Resp: 142419
Ion Ratio Lower Upper
112 100
64 50.3 56.3 84.5#
63 28.5 30.1 45.1#





#7

Phenol-d6

Concen: 129.388 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032602.D

Acq: 7 Feb 2018 20:20

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-SLUDGE-PIT

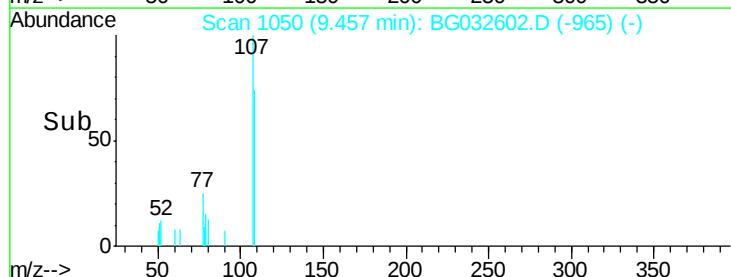
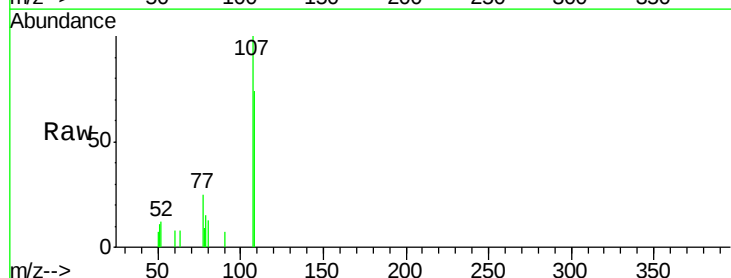
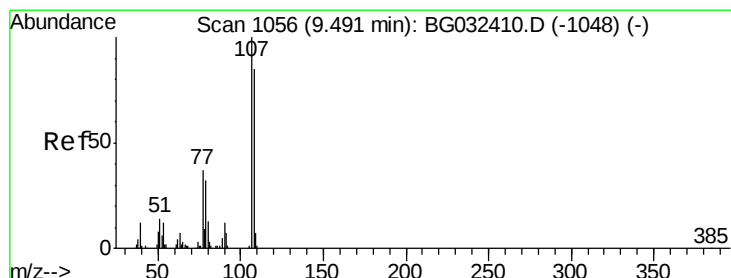
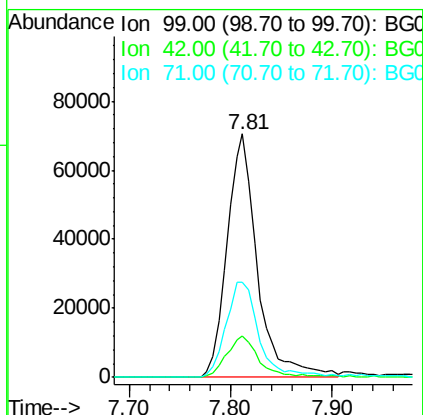
Tot Ion: 99 Resp: 145867

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

71 39.2 26.1 39.1#



#20

3+4-Methylphenols

Concen: 4.736 ng

RT: 9.46 min Scan# 1050

Delta R.T. -0.03 min

Lab File: BG032602.D

Acq: 7 Feb 2018 20:20

Tgt Ion: 107 Resp: 5776

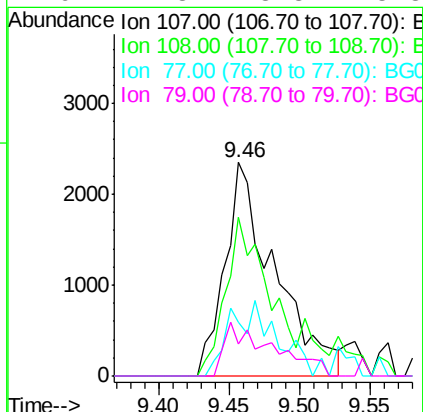
Ion Ratio Lower Upper

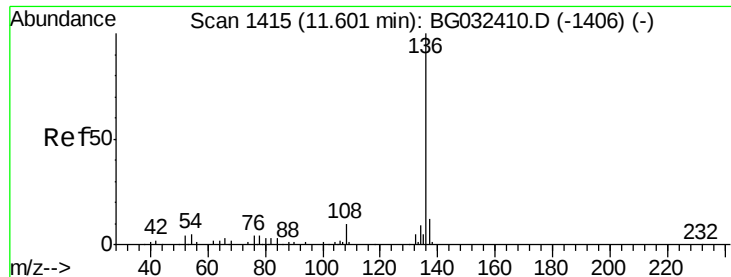
107 100

108 74.1 61.6 101.6

77 25.4 13.9 53.9

79 14.8 8.8 48.8

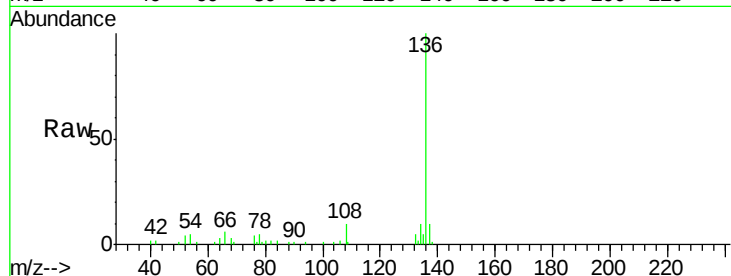




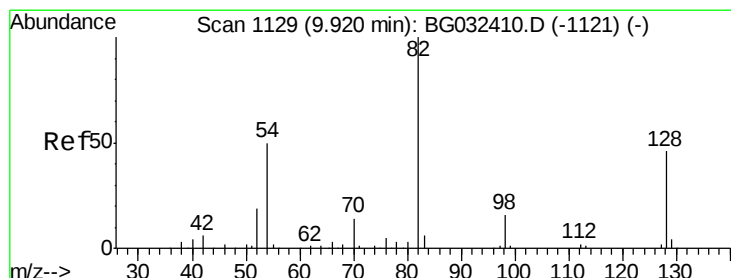
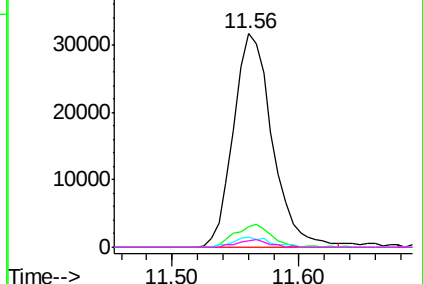
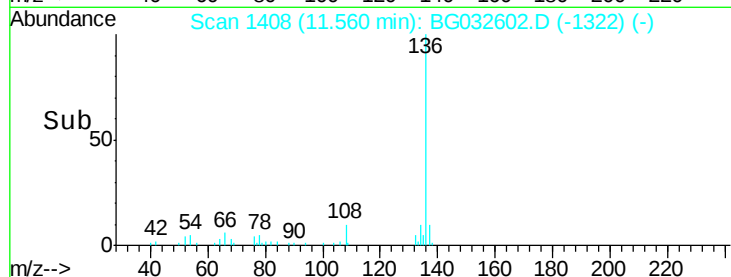
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032602.D
Acq: 7 Feb 2018 20:20

Instrument :
BNA_G
ClientSampleId :
RECLAIMER-SLUDGE-PIT

Tot Ion:136	Resp:	67415
Ion Ratio	Lower	Upper
136	100	
137	9.5	9.2 13.8
54	4.9	10.3 15.5#
68	3.1	4.5 6.7#

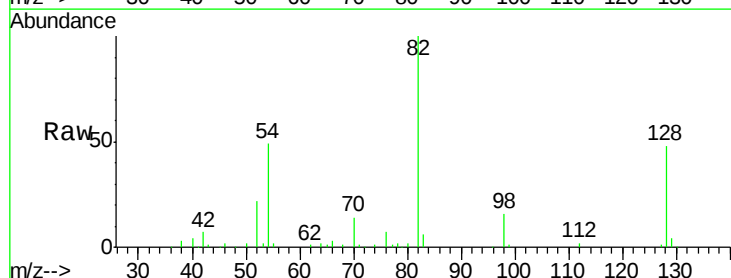


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

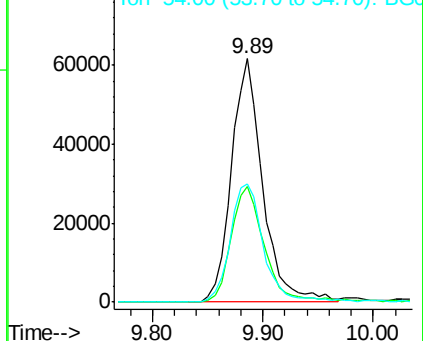
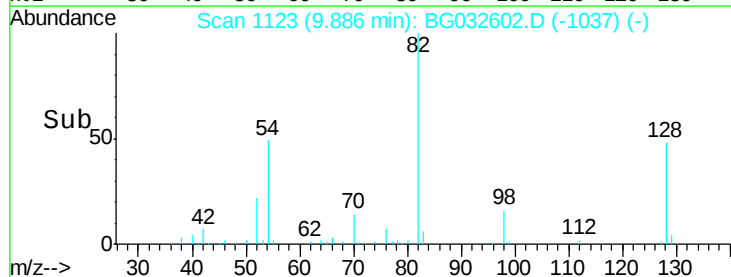


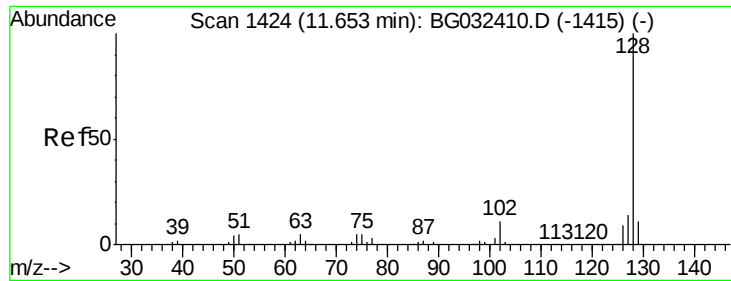
#23
Nitrobenzene-d5
Concen: 113.639 ng
RT: 9.89 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BG032602.D
Acq: 7 Feb 2018 20:20

Tgt Ion: 82	Resp:	122653
Ion Ratio	Lower	Upper
82	100	
128	47.7	29.7 44.5#
54	48.5	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

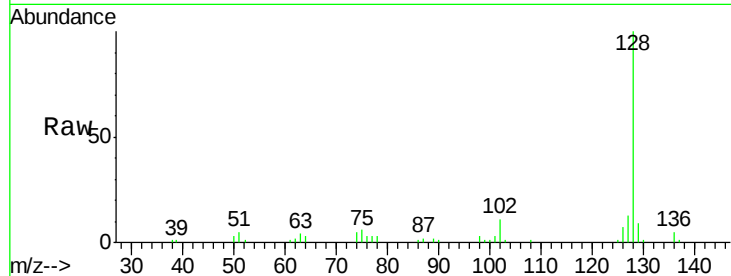




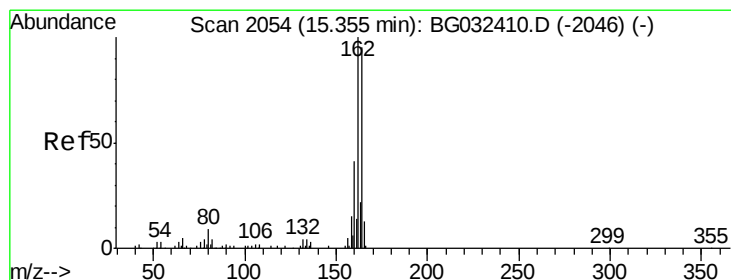
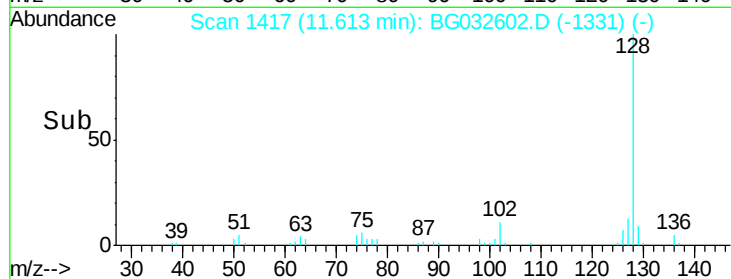
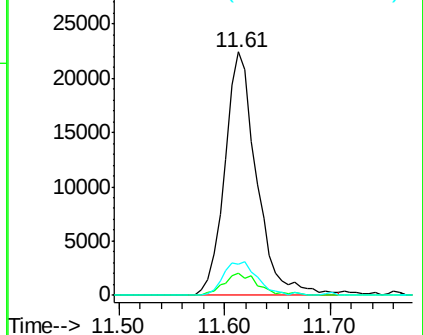
#31
Naphthalene
Concen: 14.178 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BG032602.D
Acq: 7 Feb 2018 20:20

Instrument :
BNA_G
ClientSampleId :
RECLAIMER-SLUDGE-PIT

Tot Ion:128 Resp: 46683
Ion Ratio Lower Upper
128 100
129 9.4 8.6 12.8
127 12.6 11.6 17.4

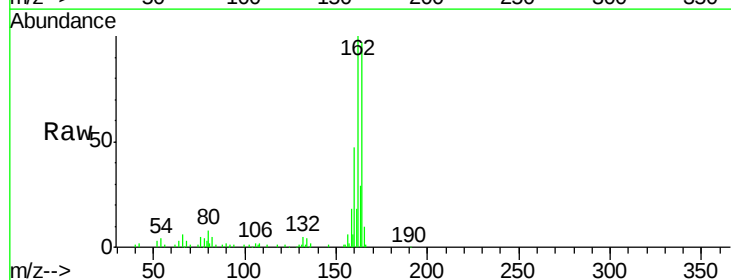


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

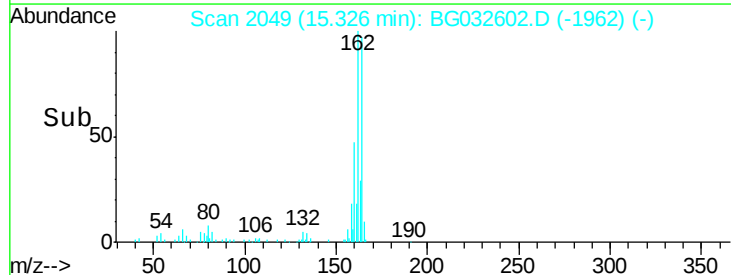
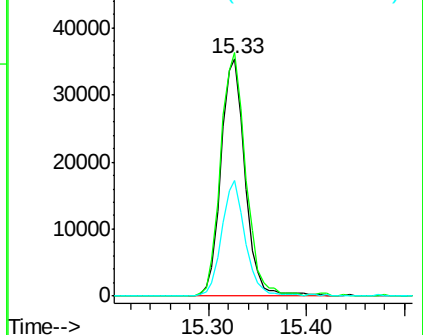


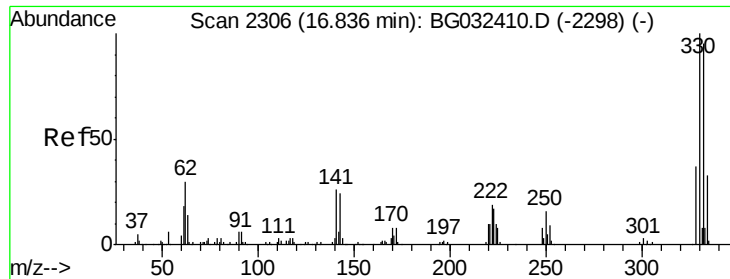
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG032602.D
Acq: 7 Feb 2018 20:20

Tgt Ion:164 Resp: 60592
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 48.5 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

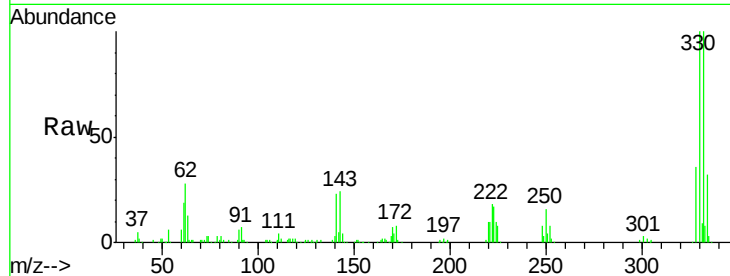




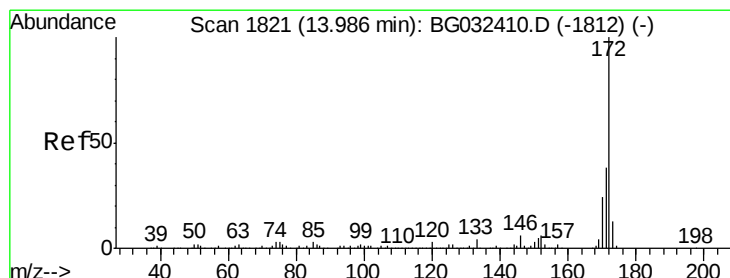
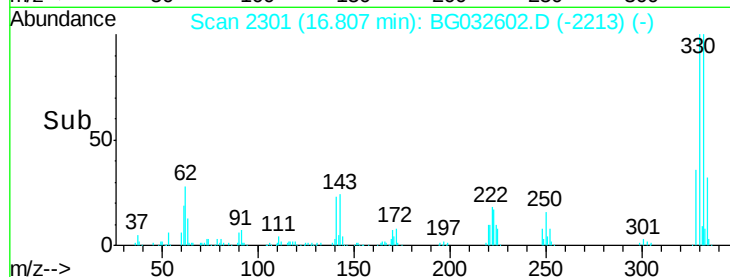
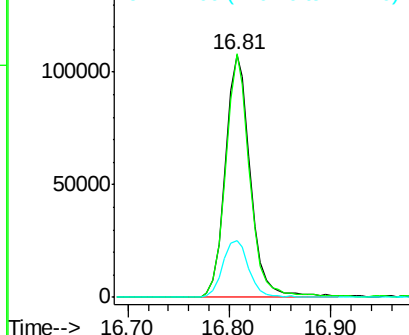
#41
 2,4,6-Tribromophenol
 Concen: 159.050 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG032602.D
 Acq: 7 Feb 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 RECLAIMER-SLUDGE-PIT

Tot Ion:330 Resp: 183443
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 24.8 25.2 37.8#

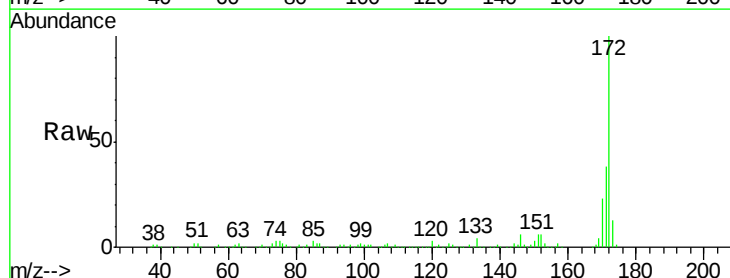


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

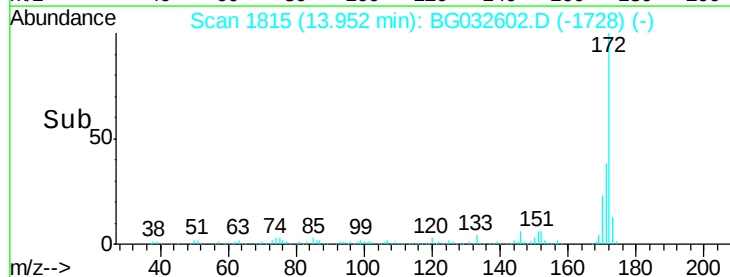
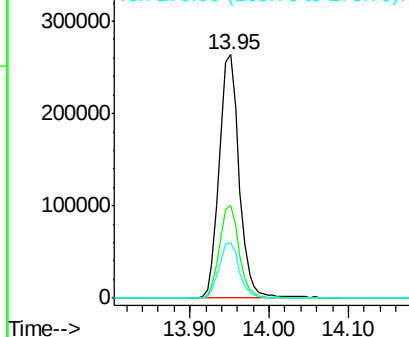


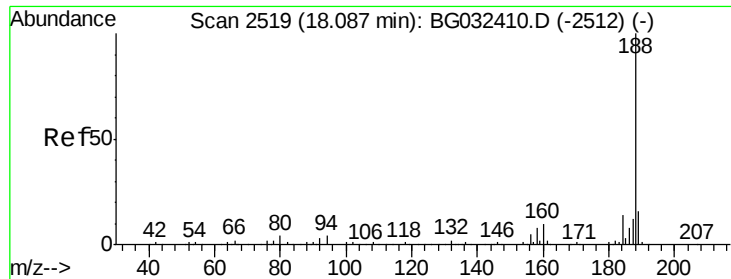
#44
 2-Fluorobiphenyl
 Concen: 90.781 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. -0.02 min
 Lab File: BG032602.D
 Acq: 7 Feb 2018 20:20

Tgt Ion:172 Resp: 462795
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 22.9 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

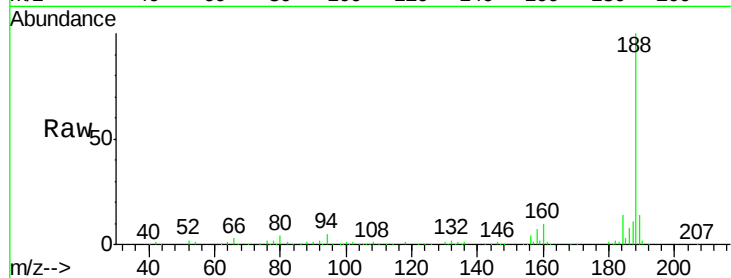




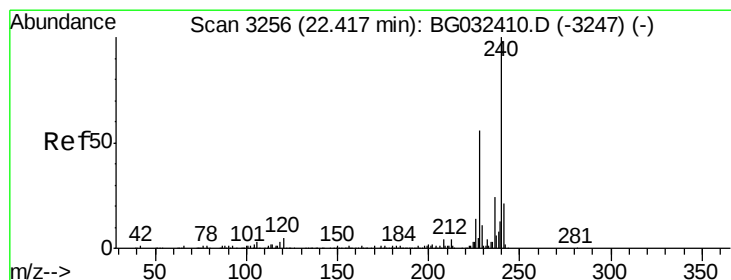
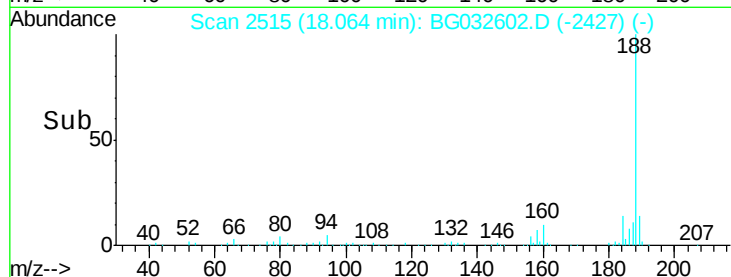
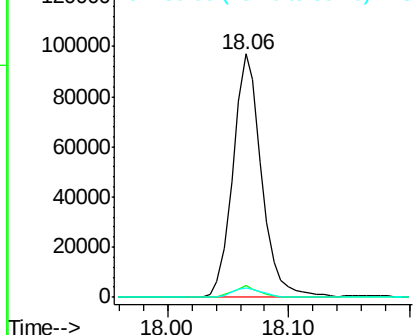
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG032602.D
Acq: 7 Feb 2018 20:20

Instrument :
BNA_G
ClientSampleId :
RECLAIMER-SLUDGE-PIT

Tot Ion:188 Resp: 159979
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 3.9 7.7 11.5#

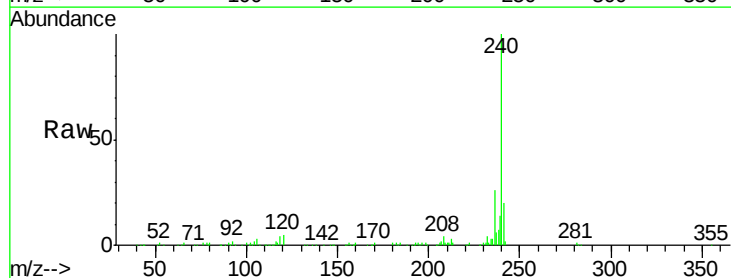


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

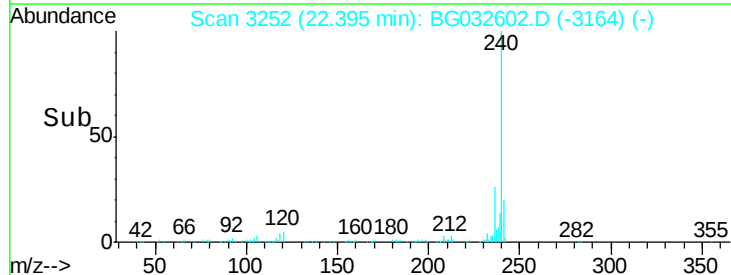
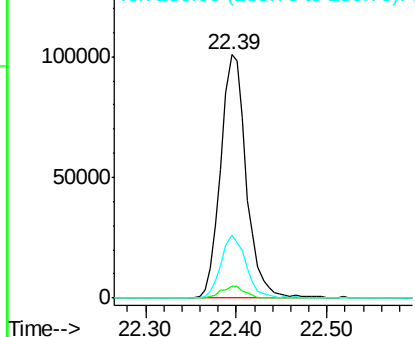


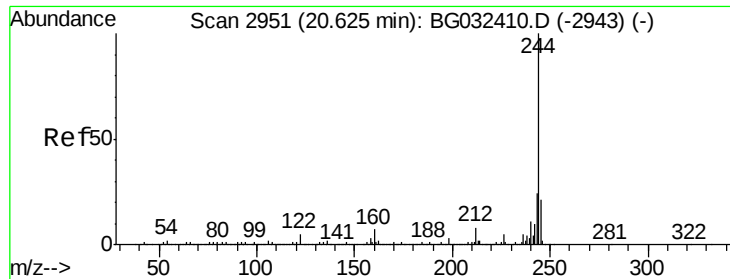
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032602.D
Acq: 7 Feb 2018 20:20

Tgt Ion:240 Resp: 198244
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 25.9 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: 88.576 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032602.D

Acq: 7 Feb 2018 20:20

Instrument :

BNA_G

ClientSampleId :

RECLAIMER-SLUDGE-PIT

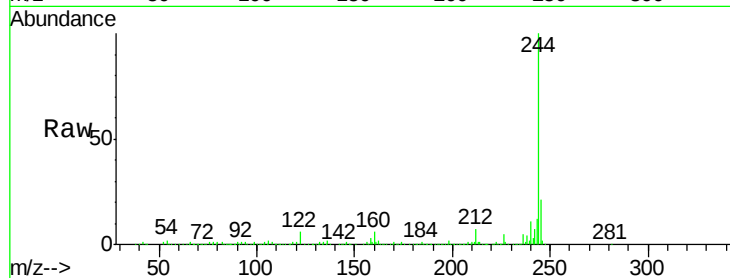
Tot Ion:244 Resp: 819750

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

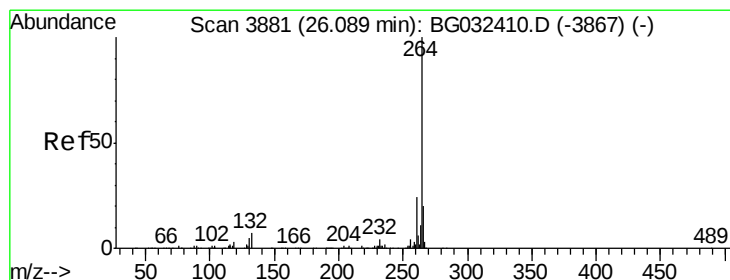
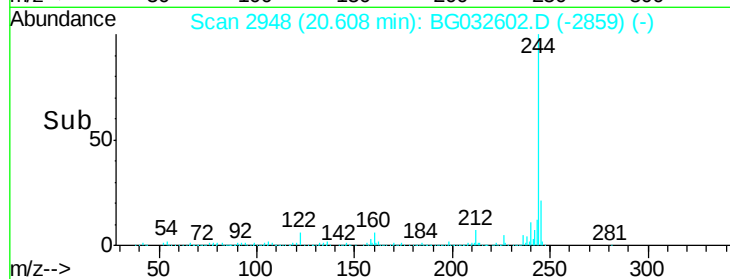
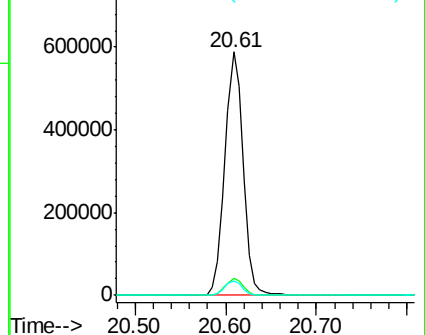
122 6.0 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.07 min Scan# 3877

Delta R.T. 0.00 min

Lab File: BG032602.D

Acq: 7 Feb 2018 20:20

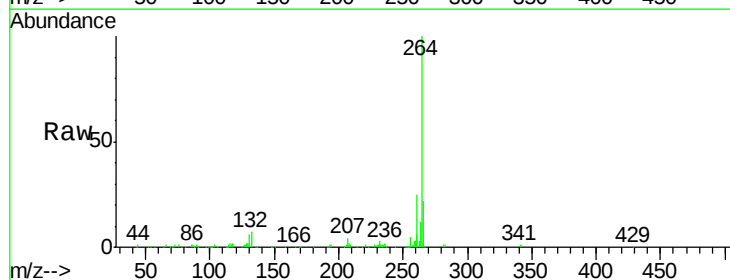
Tgt Ion:264 Resp: 221456

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 22.3 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

