

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
 Data File : BG031906.D
 Acq On : 4 Jan 2018 1:22
 Operator : SJ/JU
 Sample : J1005-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

Quant Time: Jan 04 08:21:47 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

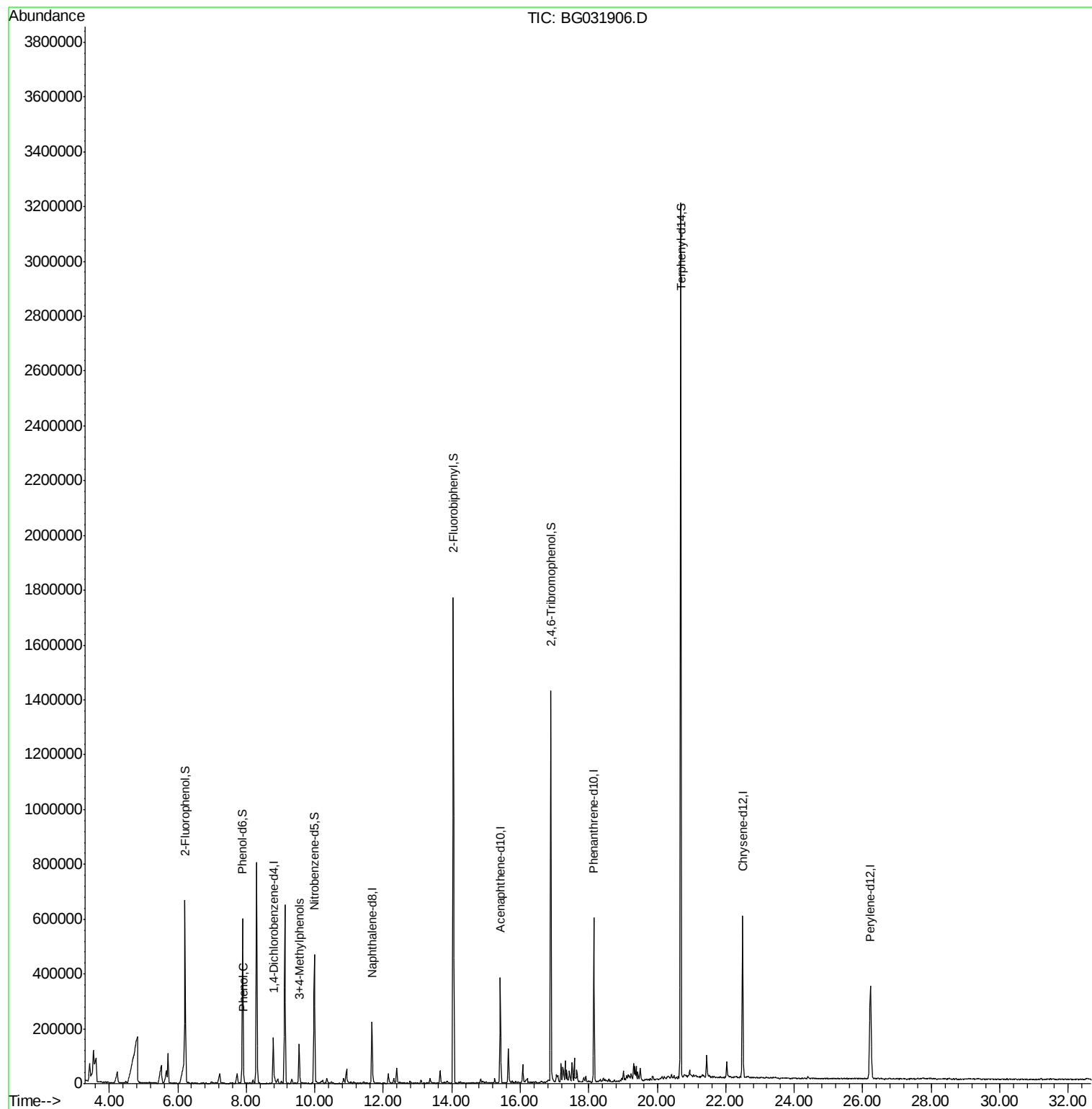
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	56148	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	231318	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	156154	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	388298	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	445601	20.00	ng	-0.02
86) Perylene-d12	26.23	264	464383	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	369475	119.85	ng	0.00
7) Phenol-d6	7.89	99	420974	105.18	ng	0.00
23) Nitrobenzene-d5	9.99	82	303176	98.97	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	339340	142.42	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1064551	85.57	ng	0.00
78) Terphenyl-d14	20.68	244	1824975	93.57	ng	0.00
Target Compounds						
10) Phenol	7.92	94	24060	5.954	ng	91
20) 3+4-Methylphenols	9.54	107	74703	18.179	ng	92

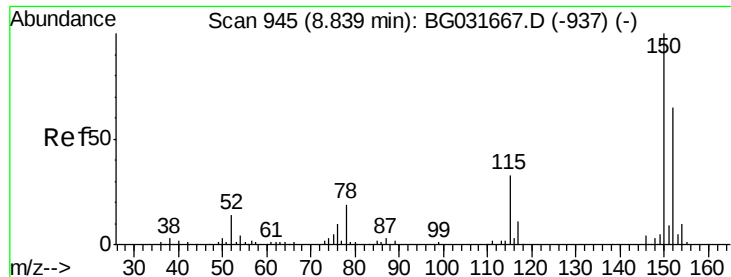
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG031906.D

Acq: 4 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

OWS-3

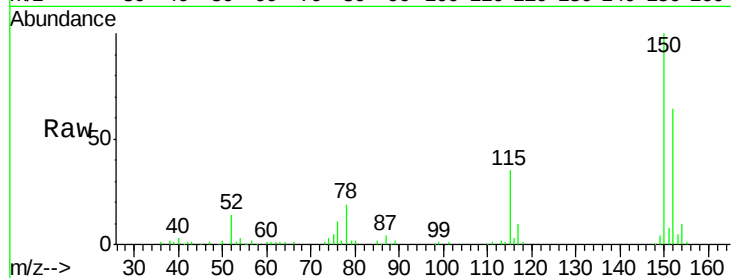
Tgt Ion:152 Resp: 56148

Ion Ratio Lower Upper

152 100

150 156.9 126.6 189.8

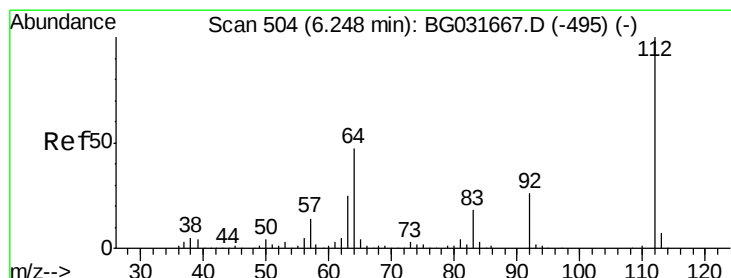
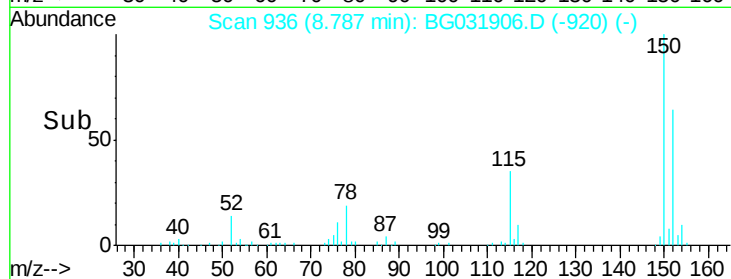
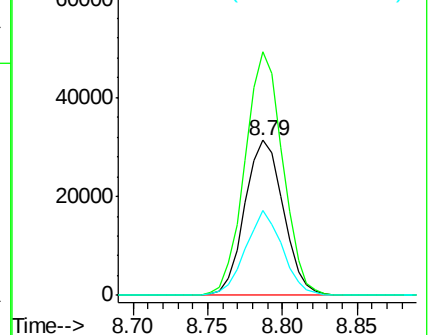
115 54.8 53.0 79.4



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: 119.854 ng

RT: 6.21 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG031906.D

Acq: 4 Jan 2018 1:22

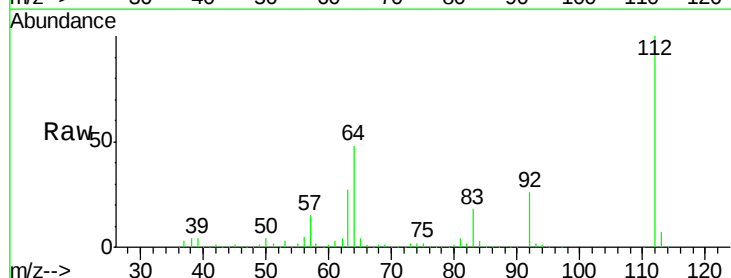
Tgt Ion:112 Resp: 369475

Ion Ratio Lower Upper

112 100

64 47.8 56.3 84.5#

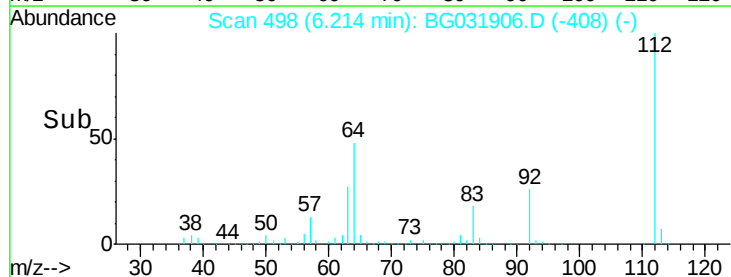
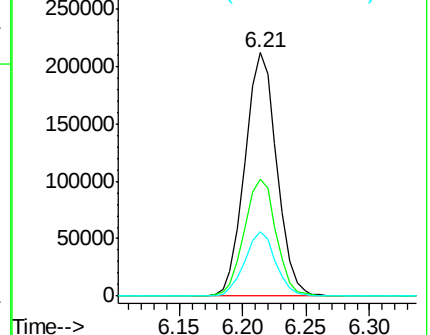
63 26.5 30.1 45.1#

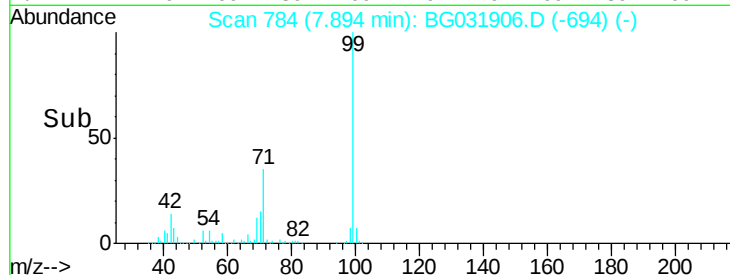
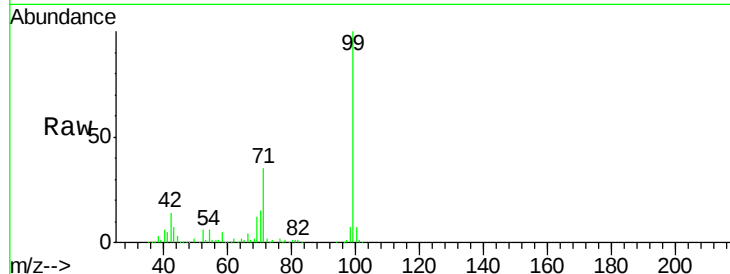
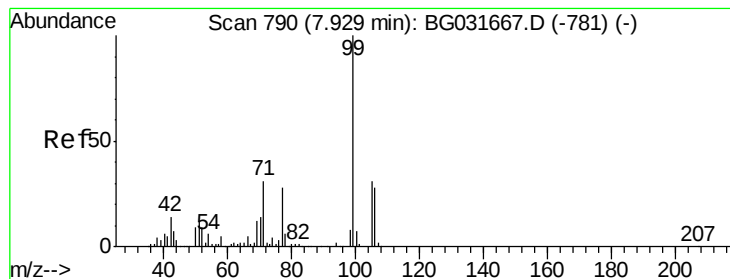


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.181 ng

RT: 7.89 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031906.D

Acq: 4 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

OWS-3

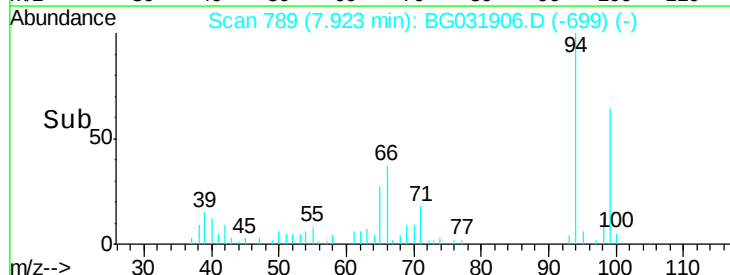
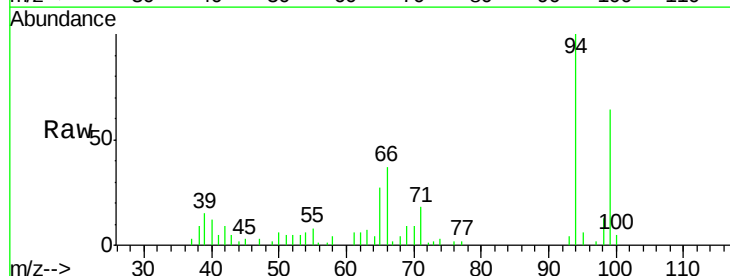
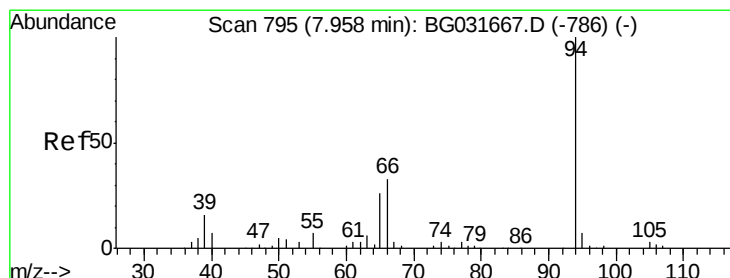
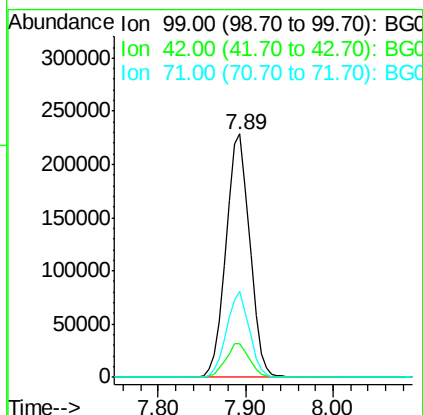
Tgt Ion: 99 Resp: 420974

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

71 35.2 26.1 39.1



#10

Phenol

Concen: 5.954 ng

RT: 7.92 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG031906.D

Acq: 4 Jan 2018 1:22

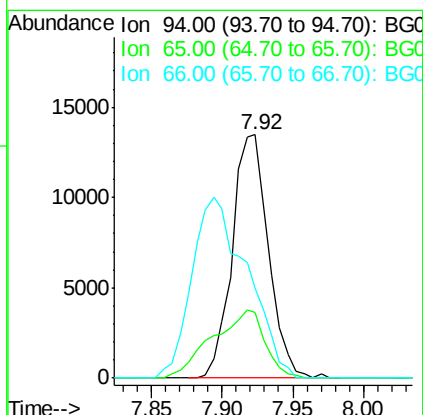
Tgt Ion: 94 Resp: 24060

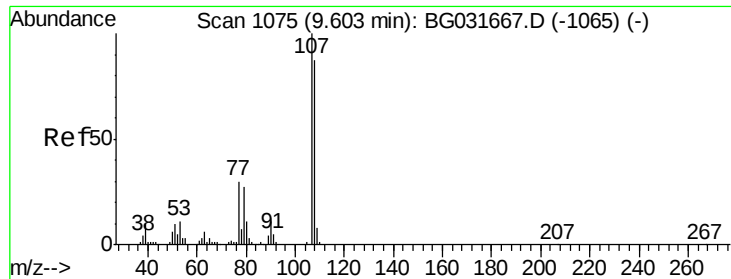
Ion Ratio Lower Upper

94 100

65 27.0 11.9 51.9

66 36.7 22.2 62.2

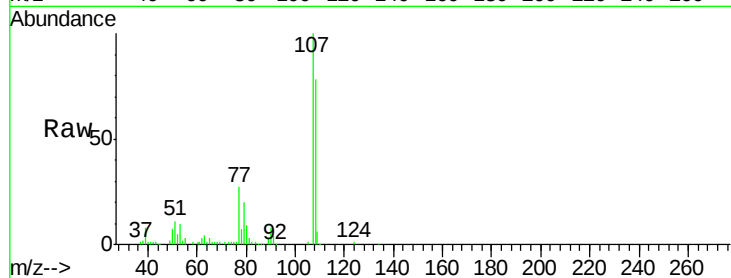




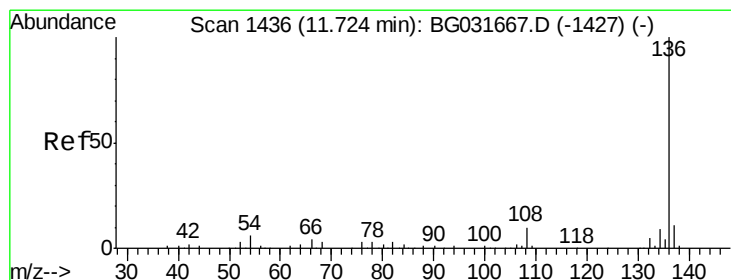
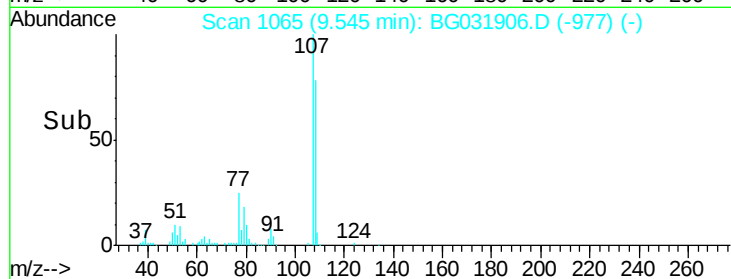
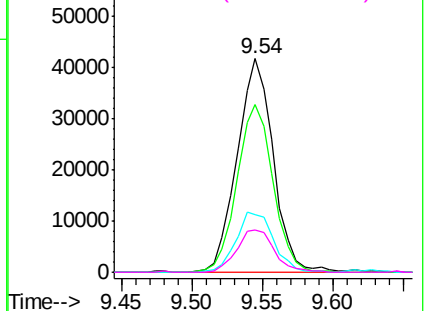
#20
3+4-Methylphenols
Concen: 18.179 ng
RT: 9.54 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BG031906.D
Acq: 4 Jan 2018 1:22

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion:	107	Resp:	74703
Ion	Ratio	Lower	Upper
107	100		
108	78.4	61.6	101.6
77	26.9	13.9	53.9
79	20.0	8.8	48.8

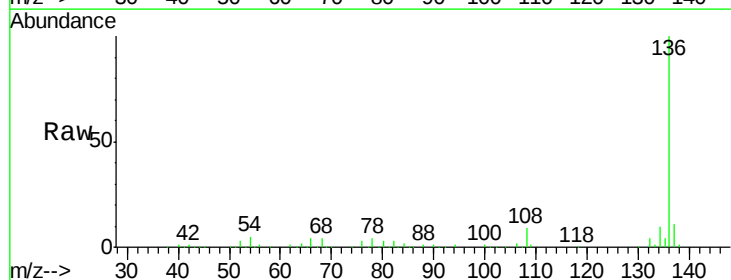


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

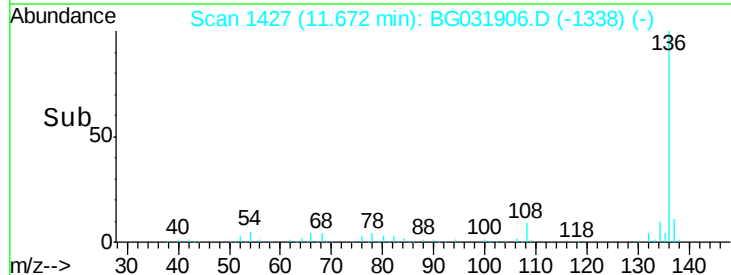
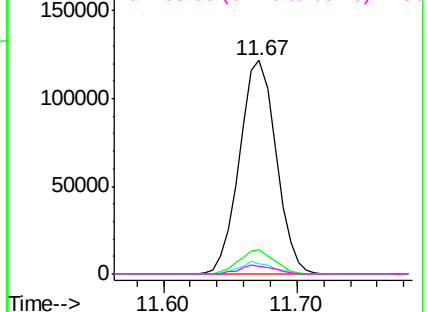


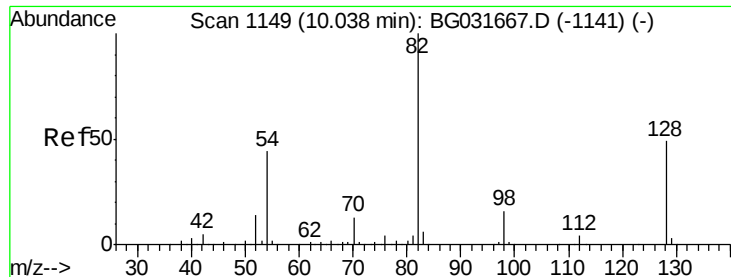
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031906.D
Acq: 4 Jan 2018 1:22

Tgt Ion:	136	Resp:	231318
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.8	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

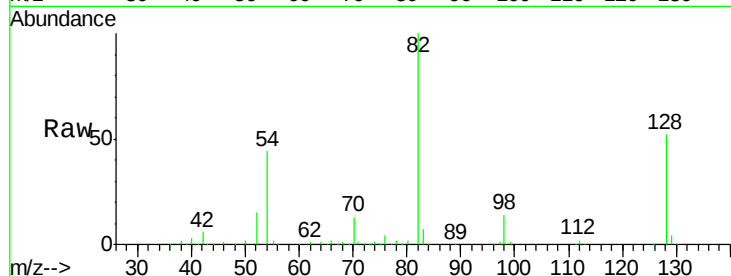




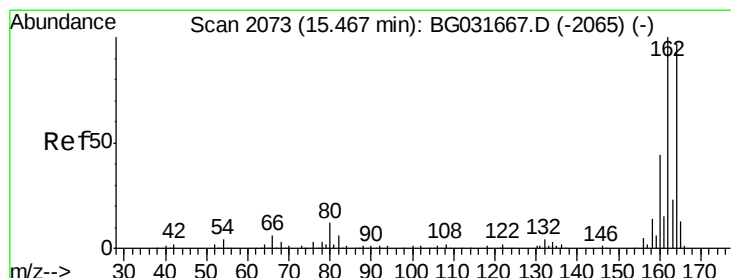
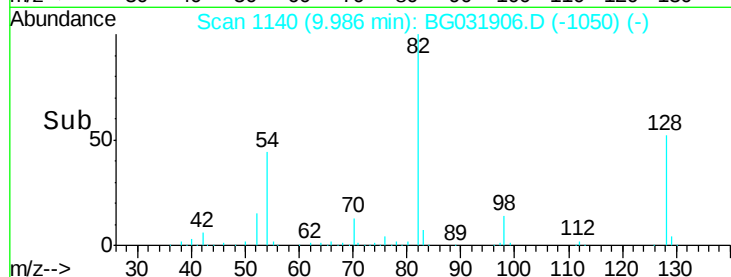
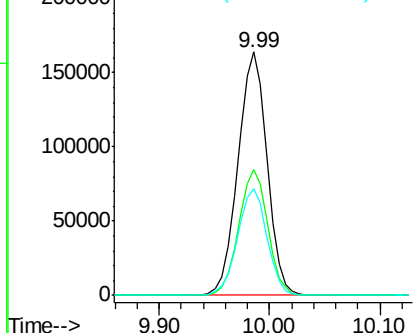
#23
Nitrobenzene-d5
Concen: 98.970 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG031906.D
Acq: 4 Jan 2018 1:22

Instrument :
BNA_G
ClientSampleId :
OWS-3

Tgt Ion: 82 Resp: 303176
Ion Ratio Lower Upper
82 100
128 51.5 29.7 44.5#
54 43.7 43.1 64.7

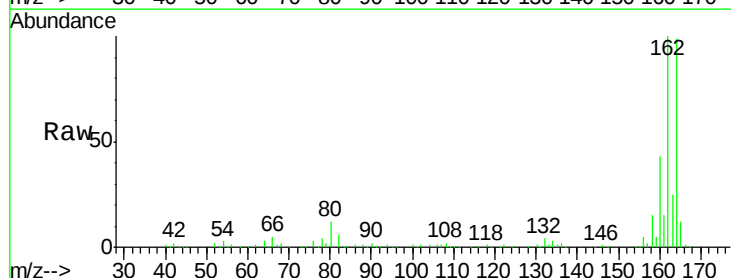


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

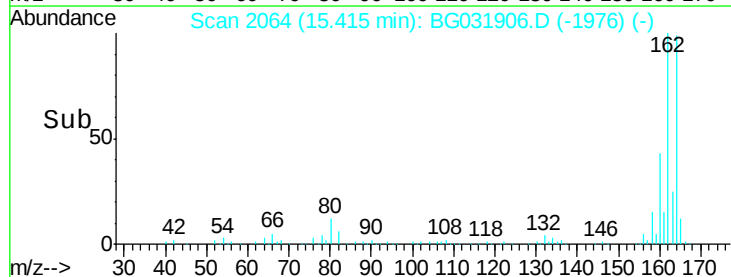
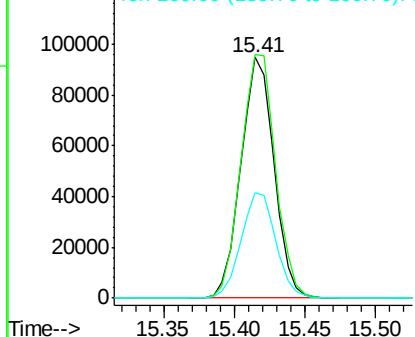


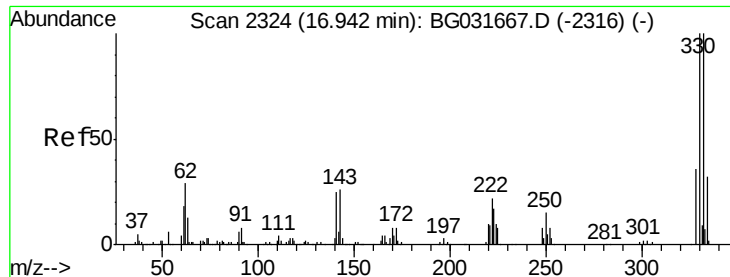
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031906.D
Acq: 4 Jan 2018 1:22

Tgt Ion:164 Resp: 156154
Ion Ratio Lower Upper
164 100
162 101.1 78.8 118.2
160 43.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 142.419 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG031906.D

Acq: 4 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

OWS-3

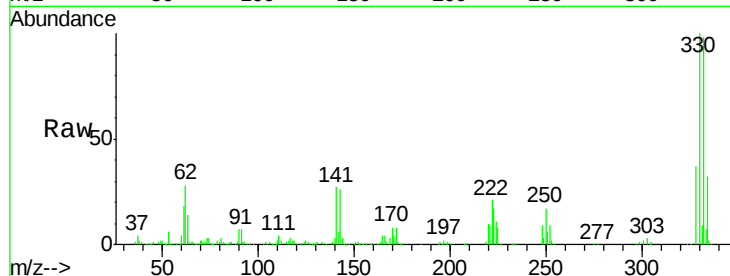
Tgt Ion:330 Resp: 339340

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

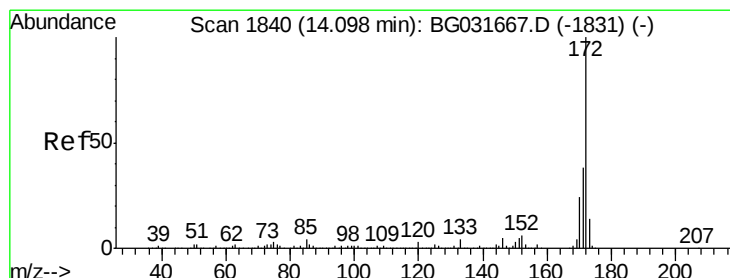
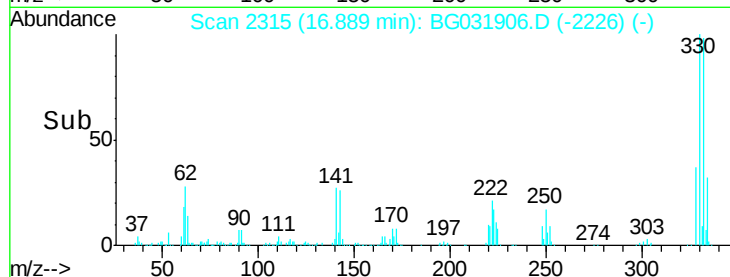
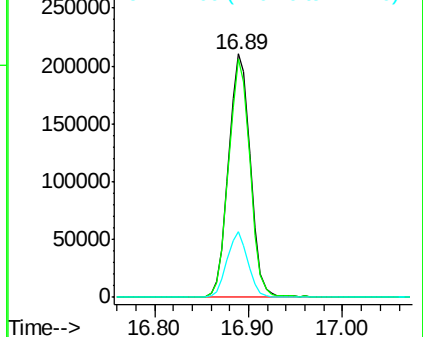
141 26.0 25.2 37.8



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: 85.566 ng

RT: 14.05 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BG031906.D

Acq: 4 Jan 2018 1:22

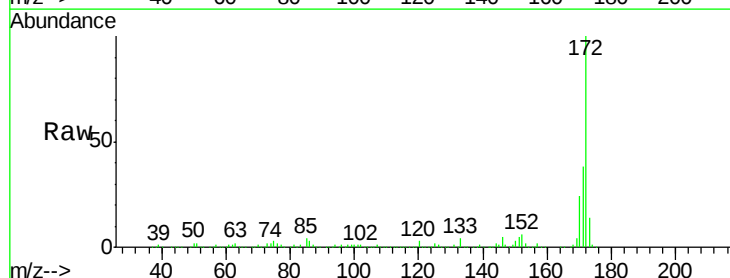
Tgt Ion:172 Resp: 1064551

Ion Ratio Lower Upper

172 100

171 38.0 30.0 45.0

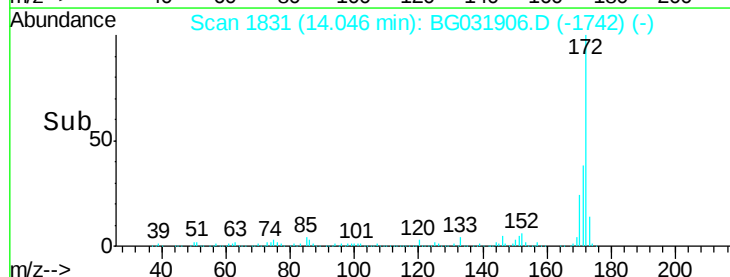
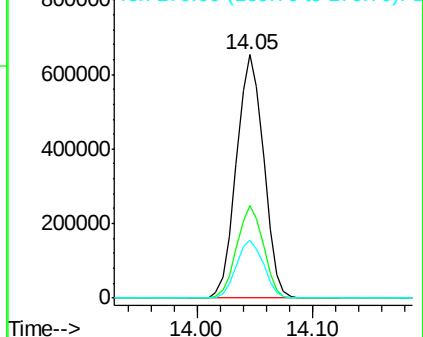
170 23.8 19.5 29.3

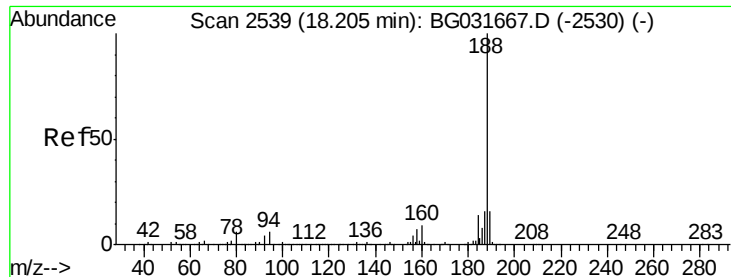


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

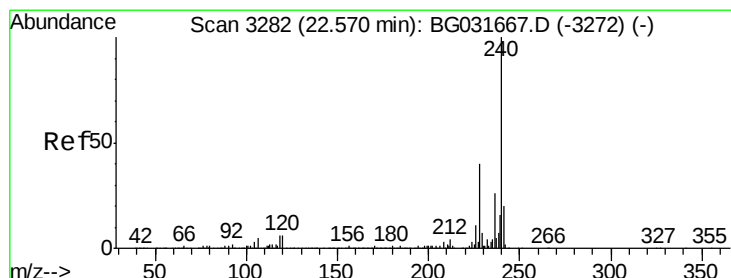
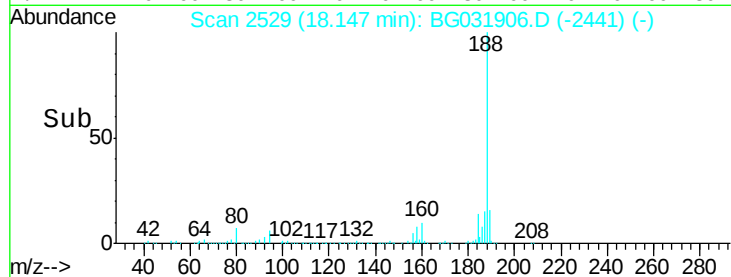
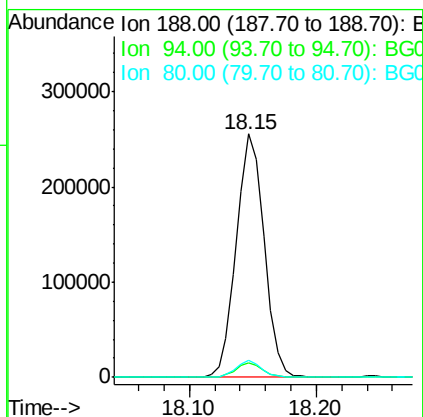
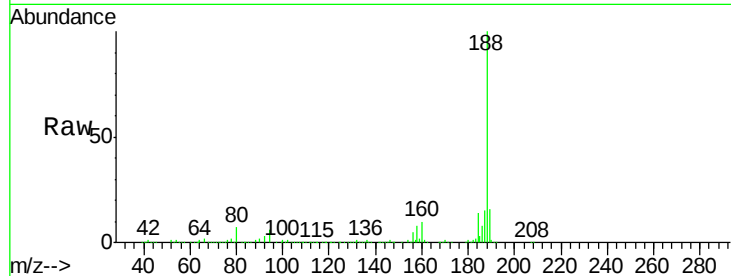




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031906.D
Acq: 4 Jan 2018 1:22

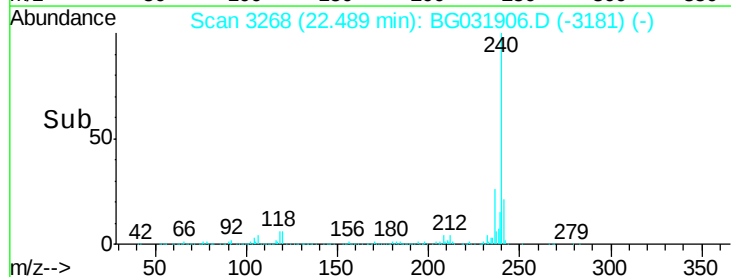
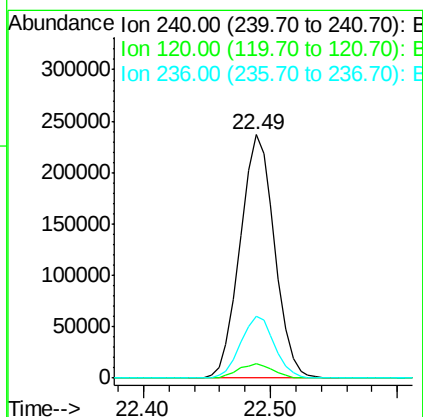
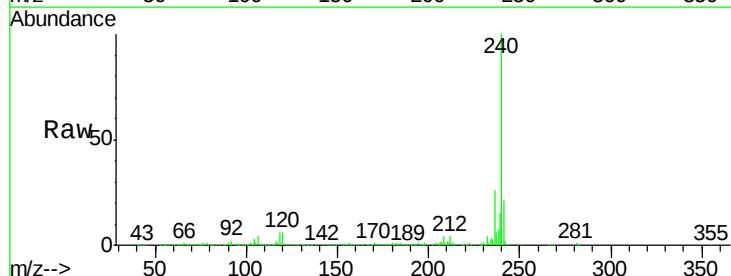
Instrument :
BNA_G
ClientSampleId :
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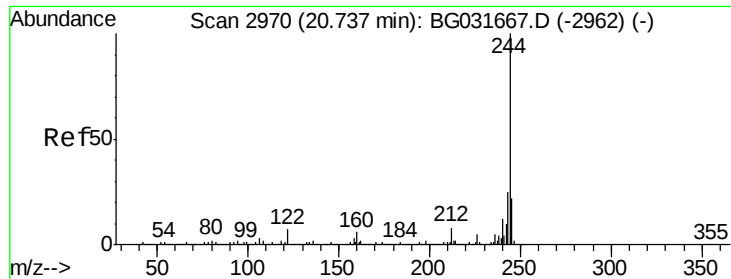
Tgt Ion:188 Resp: 388298
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031906.D
Acq: 4 Jan 2018 1:22

Tgt Ion:240 Resp: 445601
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.6 20.9 31.3

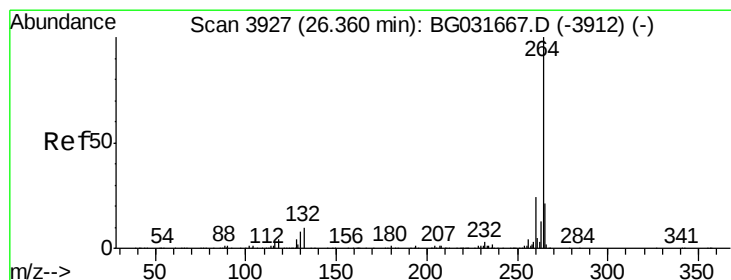
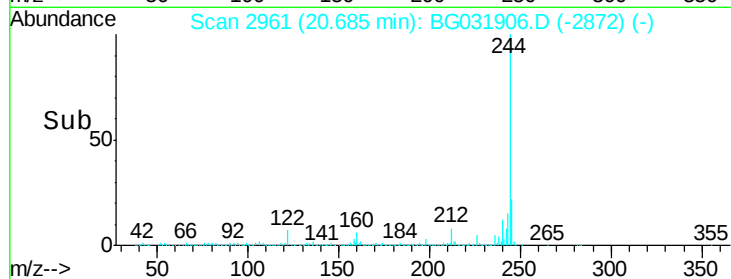
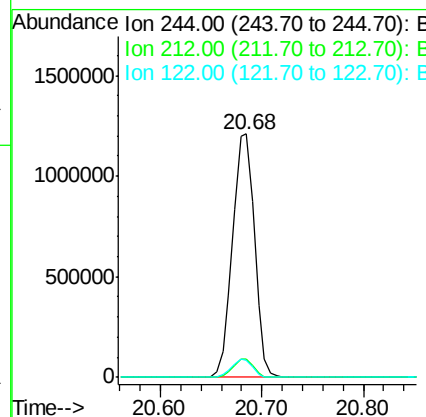
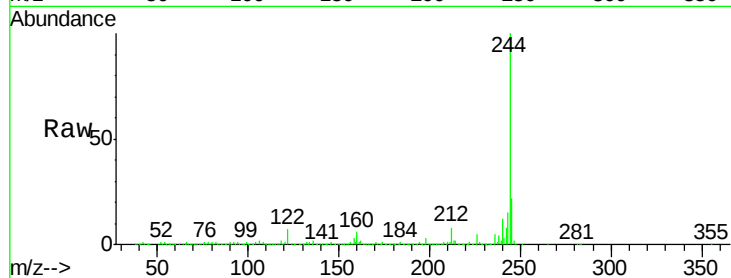




#78
 Terphenyl-d14
 Concen: 93.569 ng
 RT: 20.68 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BG031906.D
 Acq: 4 Jan 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :
 OWS-3

Tgt Ion:244 Resp: 1824975
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3904
 Delta R.T. -0.03 min
 Lab File: BG031906.D
 Acq: 4 Jan 2018 1:22

Tgt Ion:264 Resp: 464383
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 22.1 17.7 26.5

