

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031482.D
 Acq On : 12 Dec 2017 8:50
 Operator : SJ/JU
 Sample : I6766-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WQ-1W

Quant Time: Dec 12 11:33:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

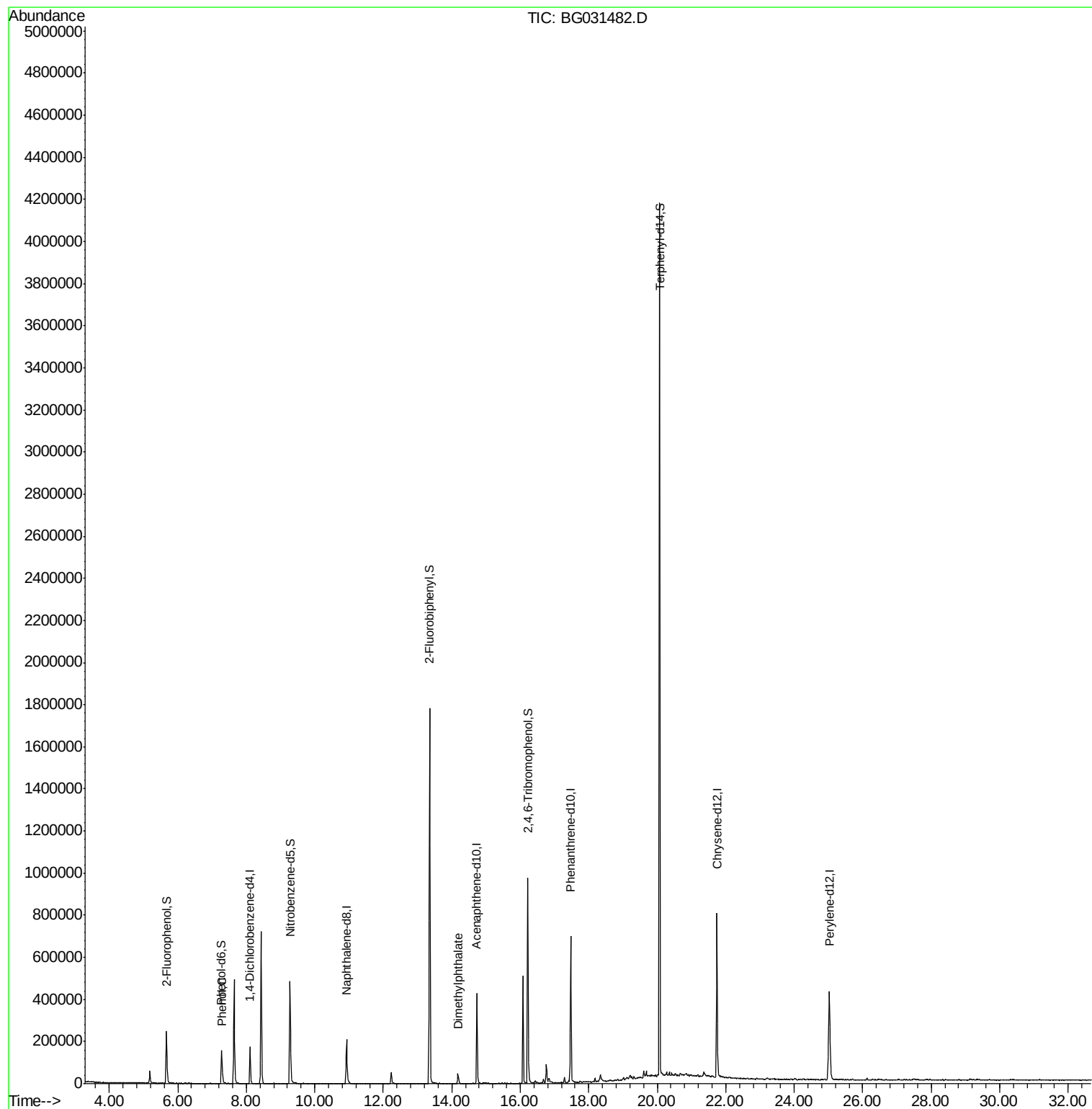
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54958	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	236611	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	162200	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	451723	20.00	ng	0.00
75) Chrysene-d12	21.74	240	512099	20.00	ng	0.00
86) Perylene-d12	25.02	264	490678	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	141574	45.66	ng	0.00
7) Phenol-d6	7.28	99	114884	26.69	ng	0.00
23) Nitrobenzene-d5	9.28	82	342972	89.34	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	200819	105.68	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1025998	92.85	ng	0.00
78) Terphenyl-d14	20.07	244	1822926	80.99	ng	0.00
Target Compounds						
10) Phenol	7.31	94	13495	3.052	ng	97
49) Dimethylphthalate	14.19	163	48284	3.596	ng	98

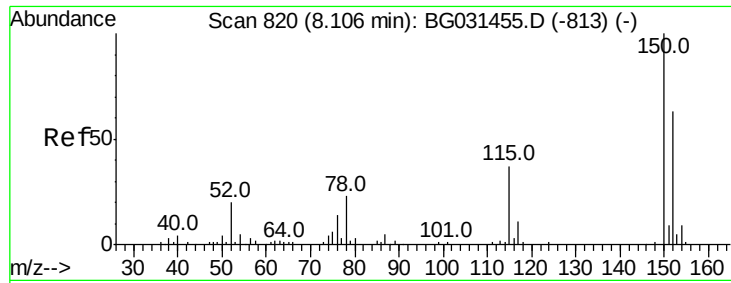
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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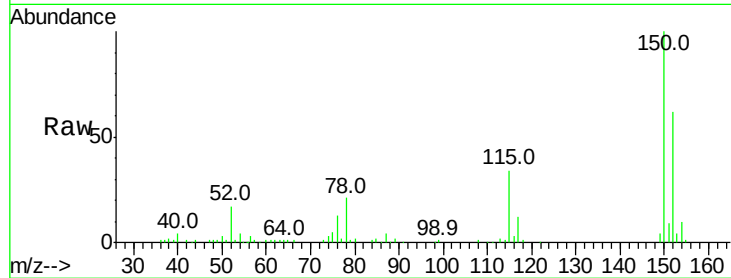




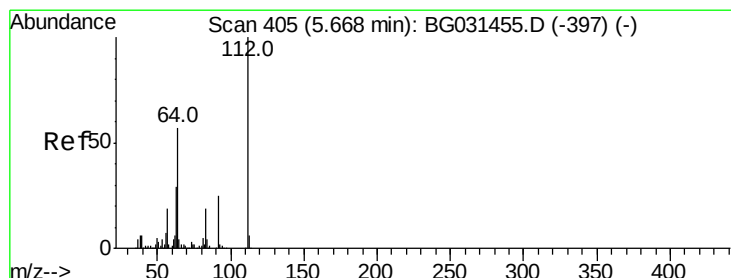
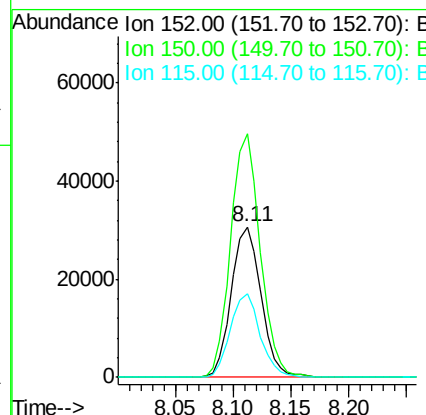
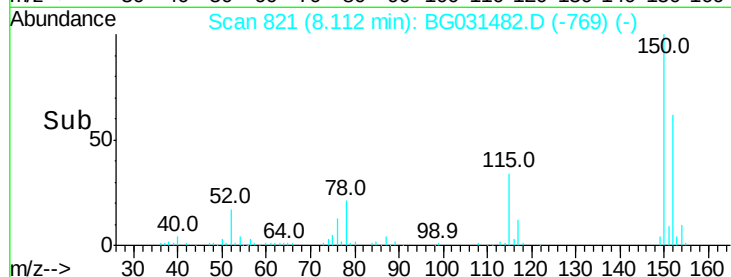
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BG031482.D
 Acq: 12 Dec 2017 8:50

Instrument :
 BNA_G
 ClientSampleId :
 WQ-1W

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.6	189.8
115	55.6	53.0	79.4

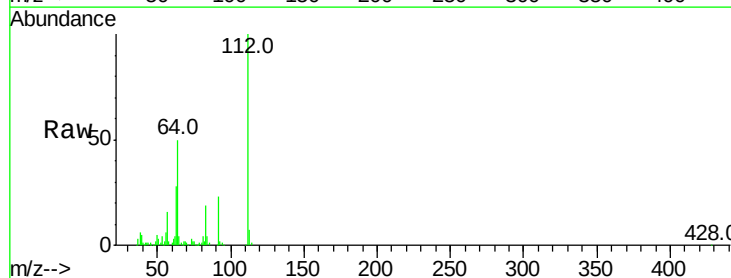


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

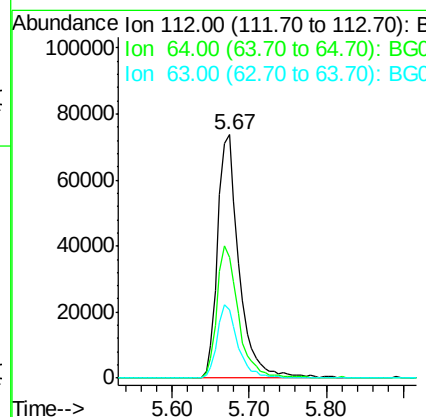
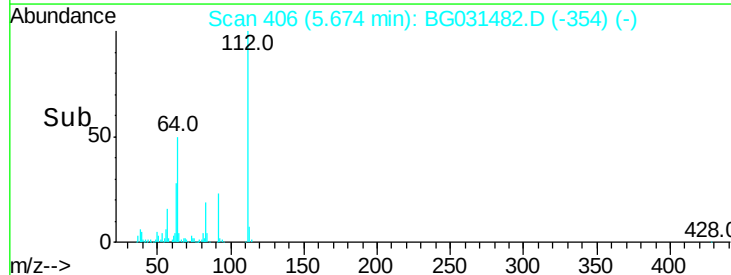


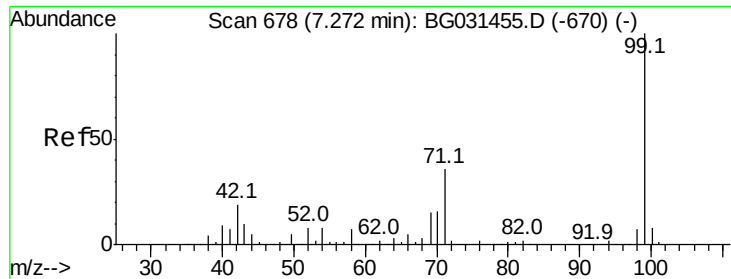
#5
 2-Fluorophenol
 Concen: 45.661 ng
 RT: 5.67 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: BG031482.D
 Acq: 12 Dec 2017 8:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.8	56.3	84.5#
63	28.3	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.690 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031482.D

Acq: 12 Dec 2017 8:50

Instrument :

BNA_G

ClientSampleId :

WQ-1W

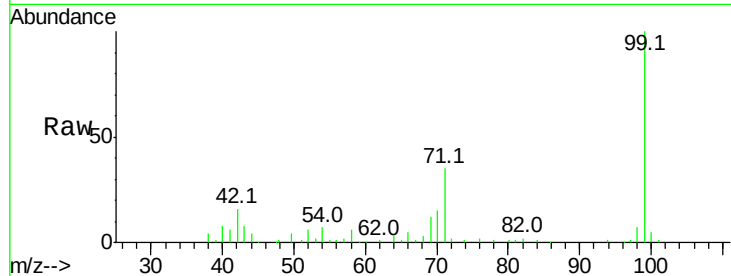
Tot Ion: 99 Resp: 114884

Ion Ratio Lower Upper

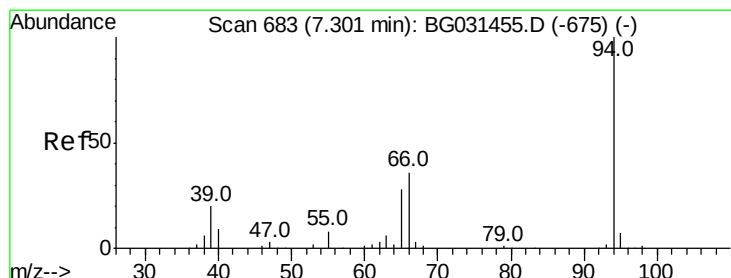
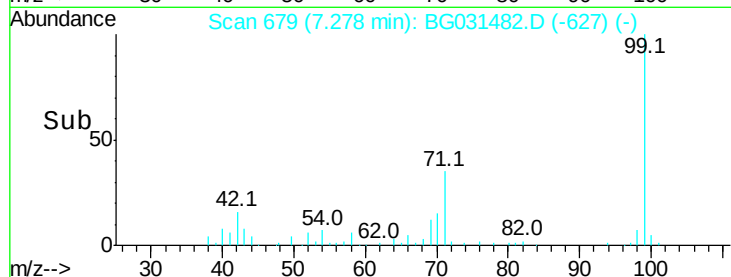
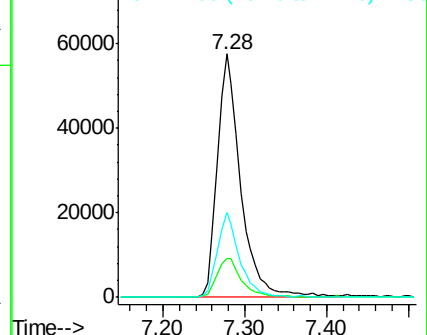
99 100

42 16.0 14.1 21.1

71 35.1 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: 3.052 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031482.D

Acq: 12 Dec 2017 8:50

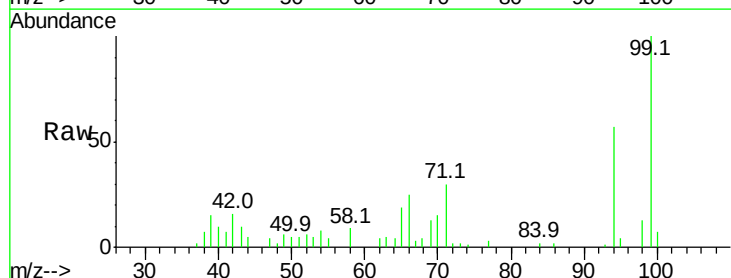
Tgt Ion: 94 Resp: 13495

Ion Ratio Lower Upper

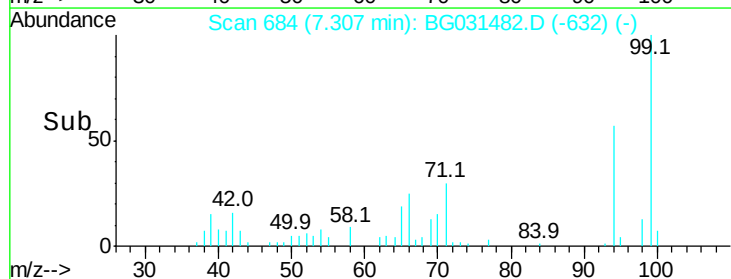
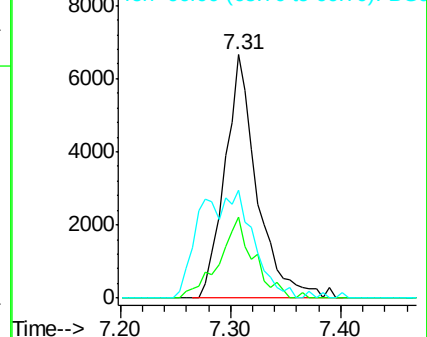
94 100

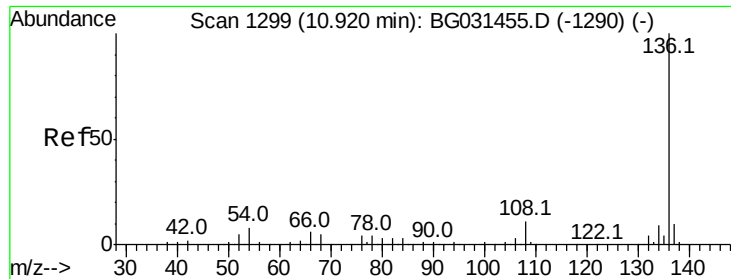
65 33.4 11.9 51.9

66 44.1 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

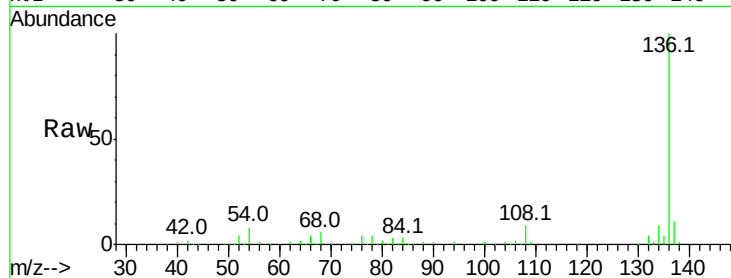




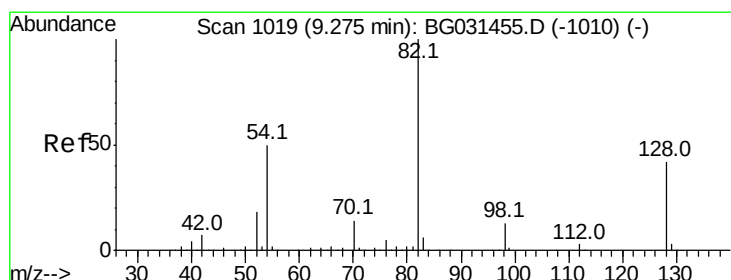
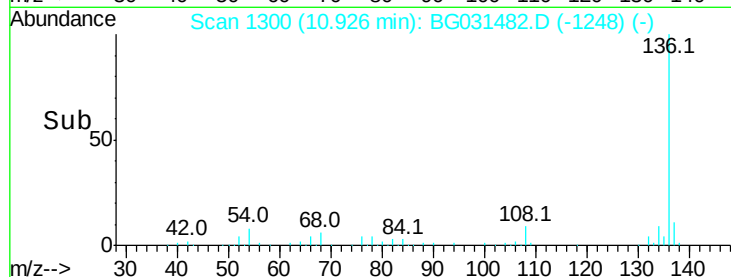
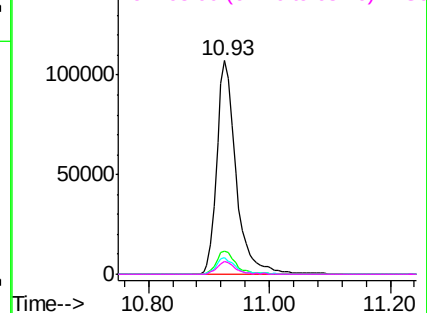
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031482.D
Acq: 12 Dec 2017 8:50

Instrument :
BNA_G
ClientSampleId :
WQ-1W

Tot Ion:136 Resp: 236611
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.7 10.3 15.5#
68 5.9 4.5 6.7

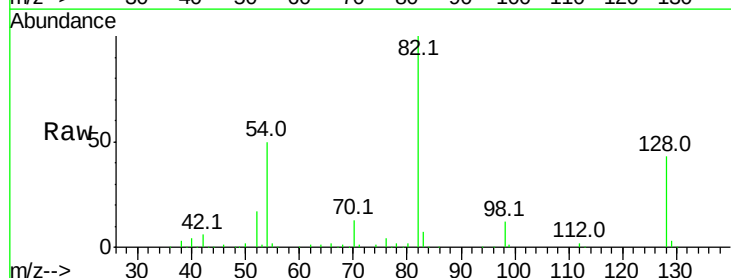


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

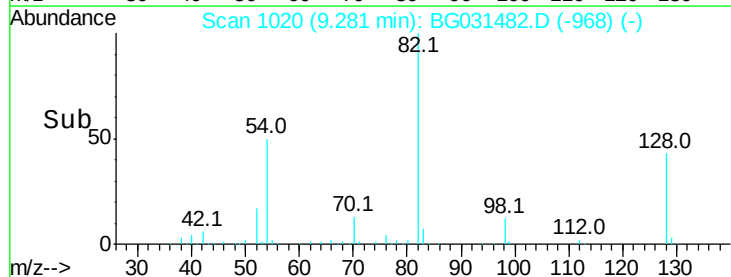
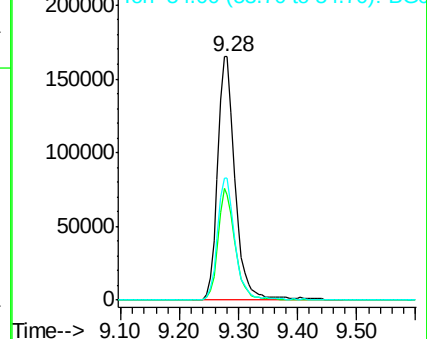


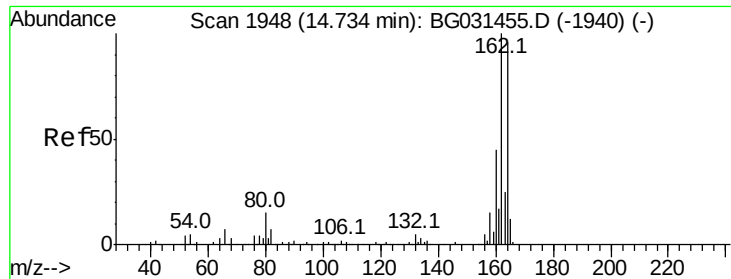
#23
Nitrobenzene-d5
Concen: 89.343 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BG031482.D
Acq: 12 Dec 2017 8:50

Tgt Ion: 82 Resp: 342972
Ion Ratio Lower Upper
82 100
128 43.2 29.7 44.5
54 50.2 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

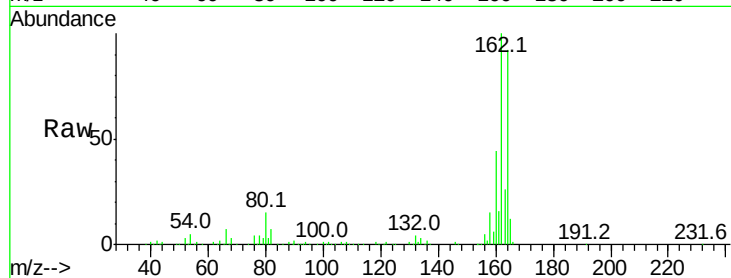




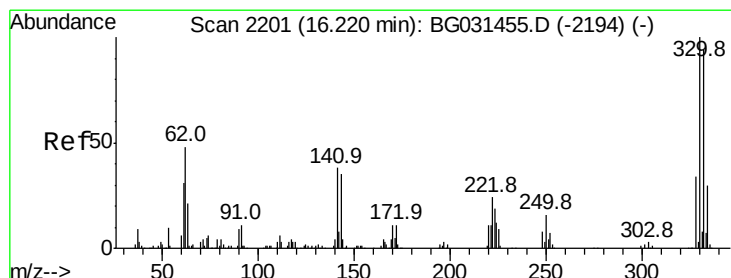
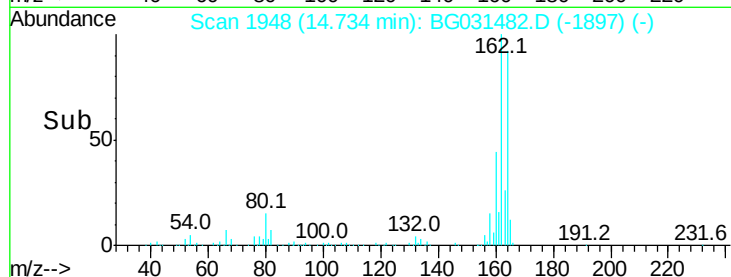
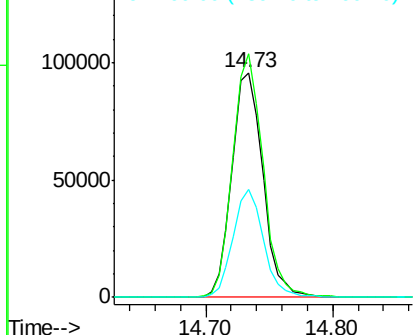
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031482.D
Acq: 12 Dec 2017 8:50

Instrument :
BNA_G
ClientSampleId :
WQ-1W

Tot Ion:164 Resp: 162200
Ion Ratio Lower Upper
164 100
162 108.5 78.8 118.2
160 47.8 35.4 53.0

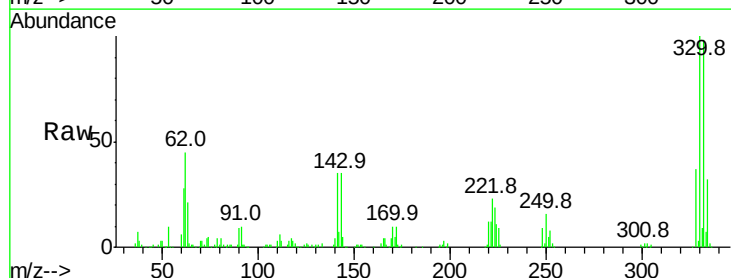


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

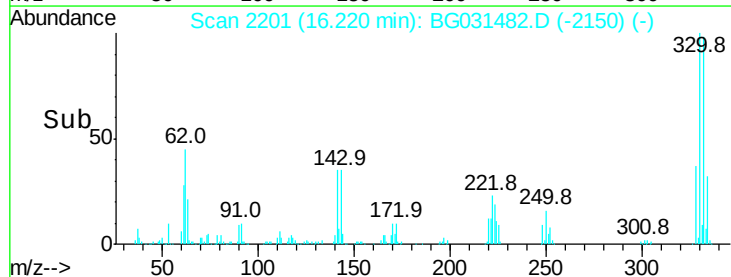
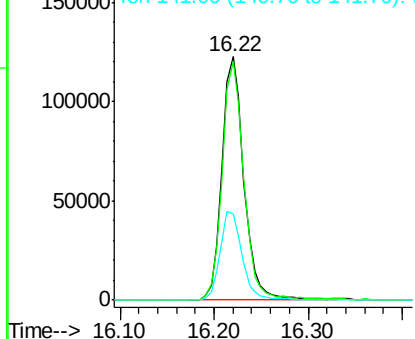


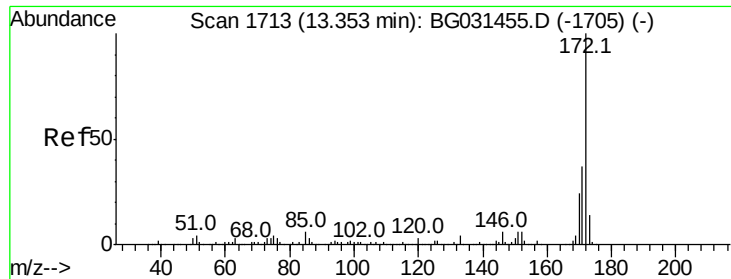
#41
2,4,6-Tribromophenol
Concen: 105.681 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG031482.D
Acq: 12 Dec 2017 8:50

Tgt Ion:330 Resp: 200819
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 36.6 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



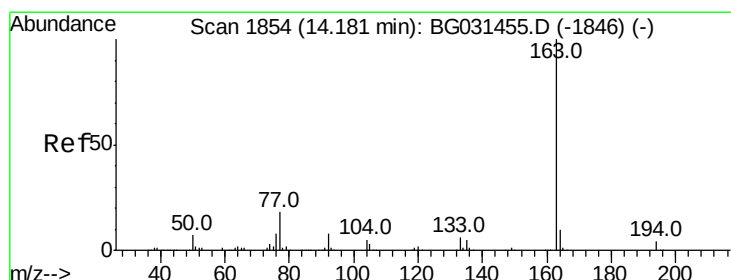
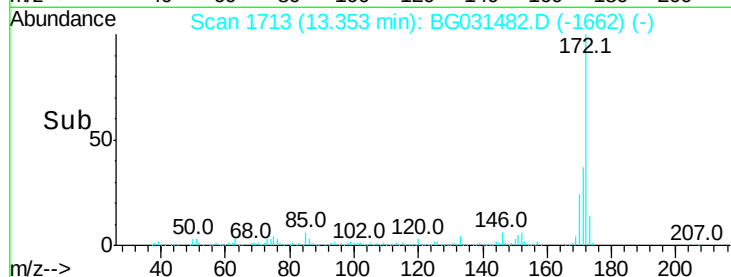
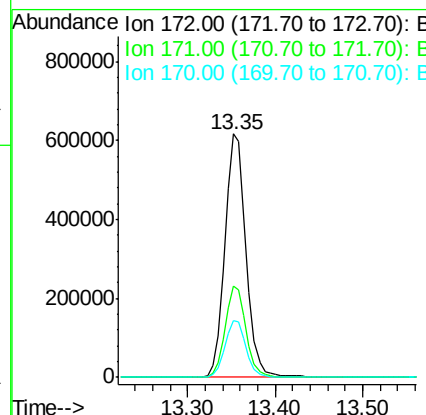
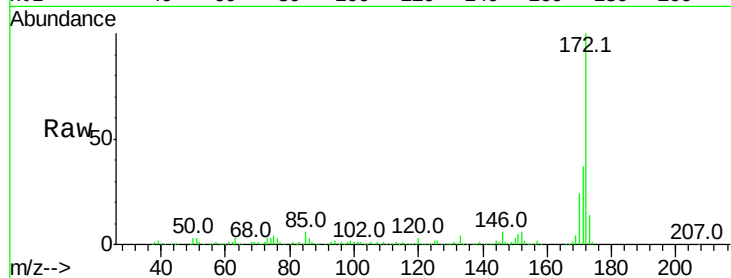


#44
2-Fluorobiphenyl
Concen: 92.850 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031482.D
Acq: 12 Dec 2017 8:50

Instrument :
BNA_G
ClientSampleId :
WQ-1W

Tot Ion:172 Resp: 1025998

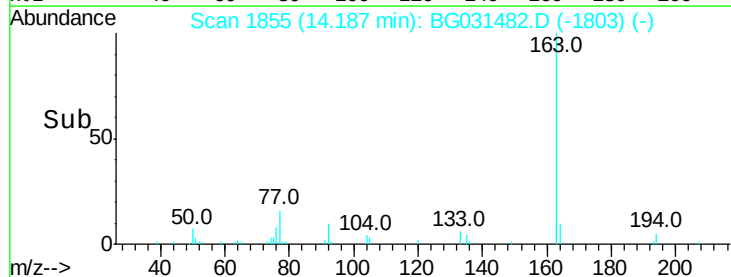
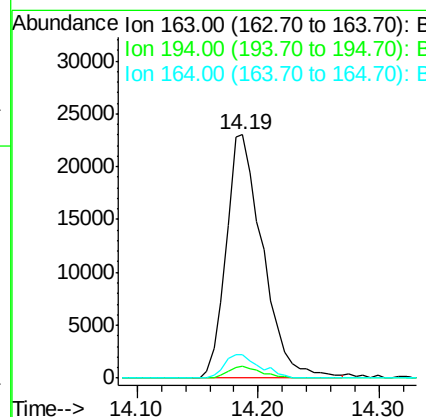
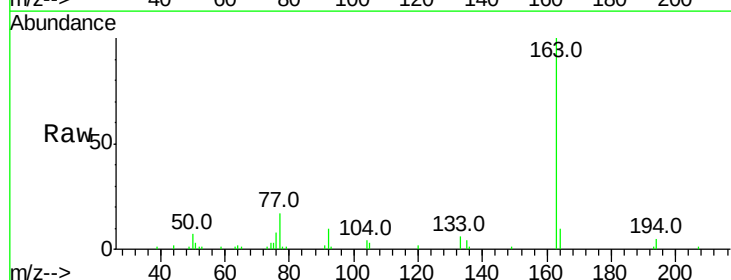
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.6	19.5	29.3

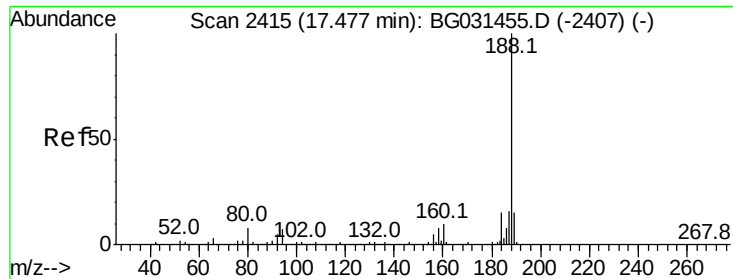


#49
Dimethylphthalate
Concen: 3.596 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BG031482.D
Acq: 12 Dec 2017 8:50

Tgt Ion:163 Resp: 48284

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	9.7	8.2	12.4

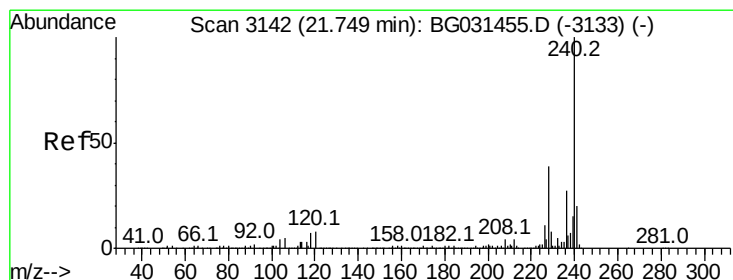
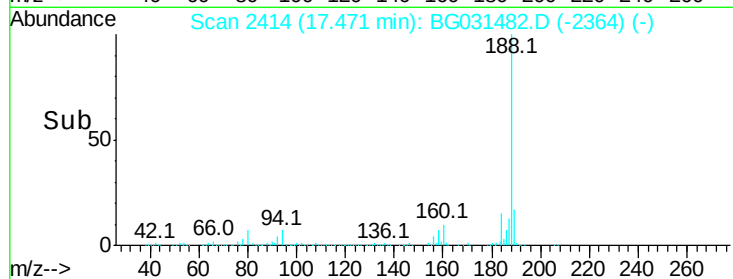
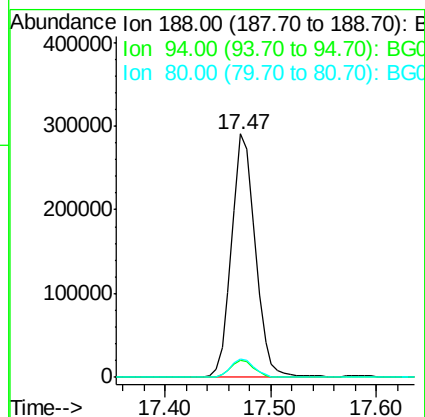
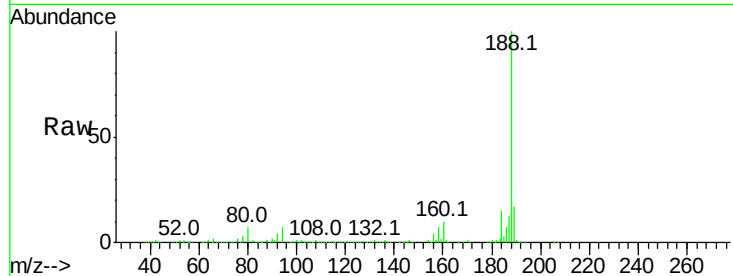




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031482.D
Acq: 12 Dec 2017 8:50

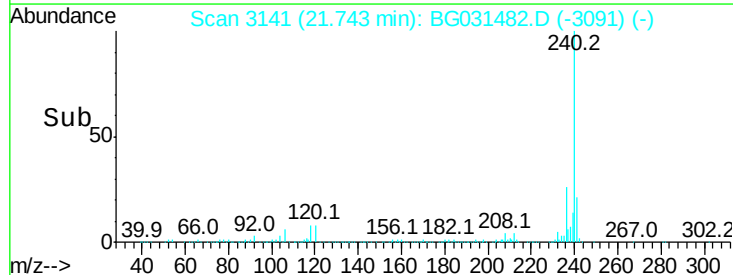
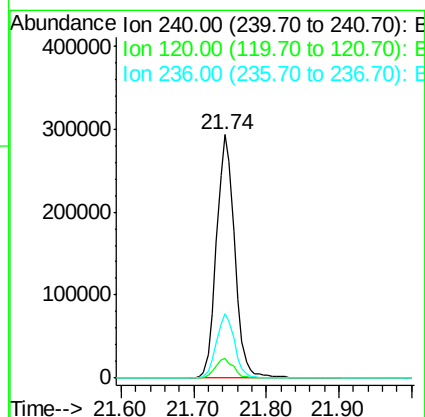
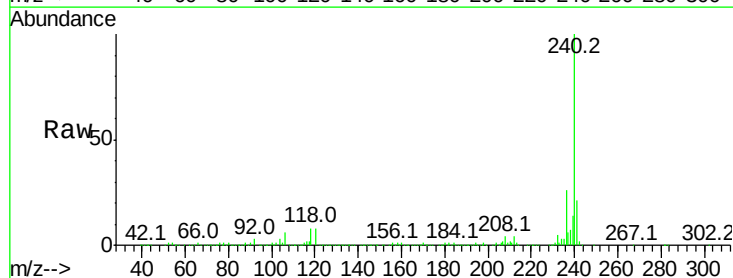
Instrument :
BNA_G
ClientSampleId :
WQ-1W

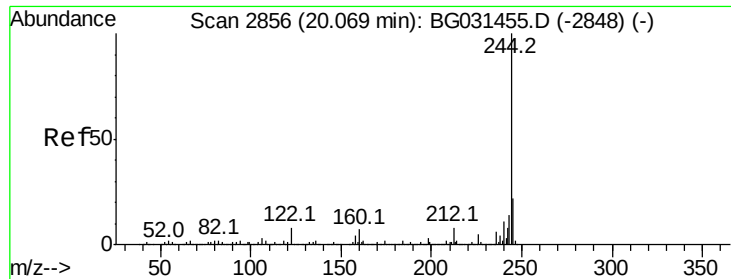
Tot Ion:188 Resp: 451723
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031482.D
Acq: 12 Dec 2017 8:50

Tgt Ion:240 Resp: 512099
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.5 20.9 31.3

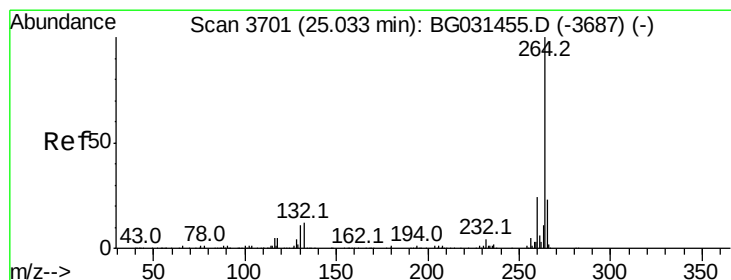
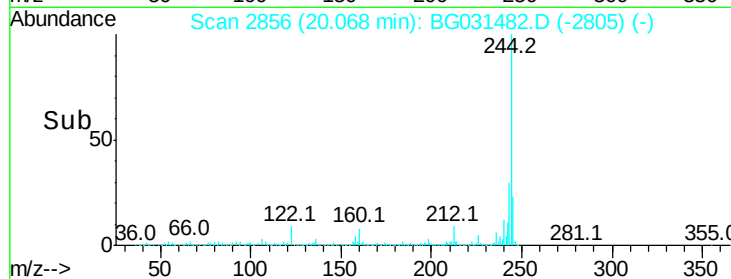
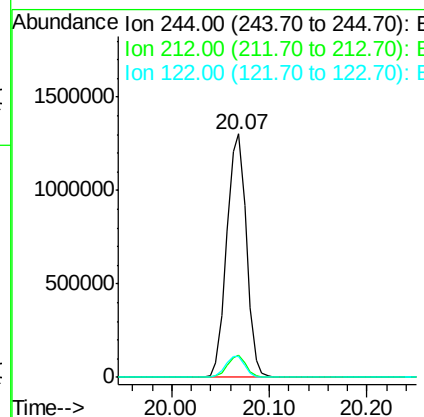
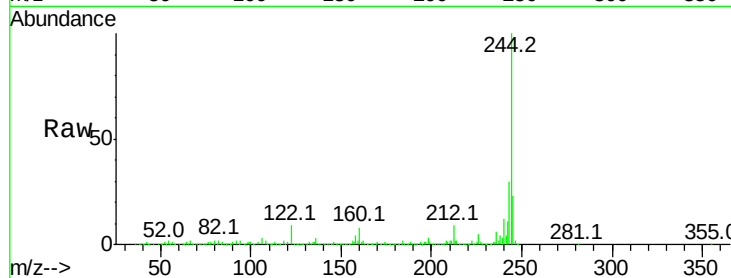




#78
 Terphenyl-d14
 Concen: 80.989 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG031482.D
 Acq: 12 Dec 2017 8:50

Instrument :
 BNA_G
 ClientSampleId :
 WQ-1W

Tot Ion:244 Resp: 1822926
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 8.7 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG031482.D
 Acq: 12 Dec 2017 8:50

Tgt Ion:264 Resp: 490678
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 21.5 17.7 26.5

