

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037039.D
 Acq On : 28 Sep 2018 7:36
 Operator : JU/SJ
 Sample : J5099-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7211975

Quant Time: Sep 28 08:41:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

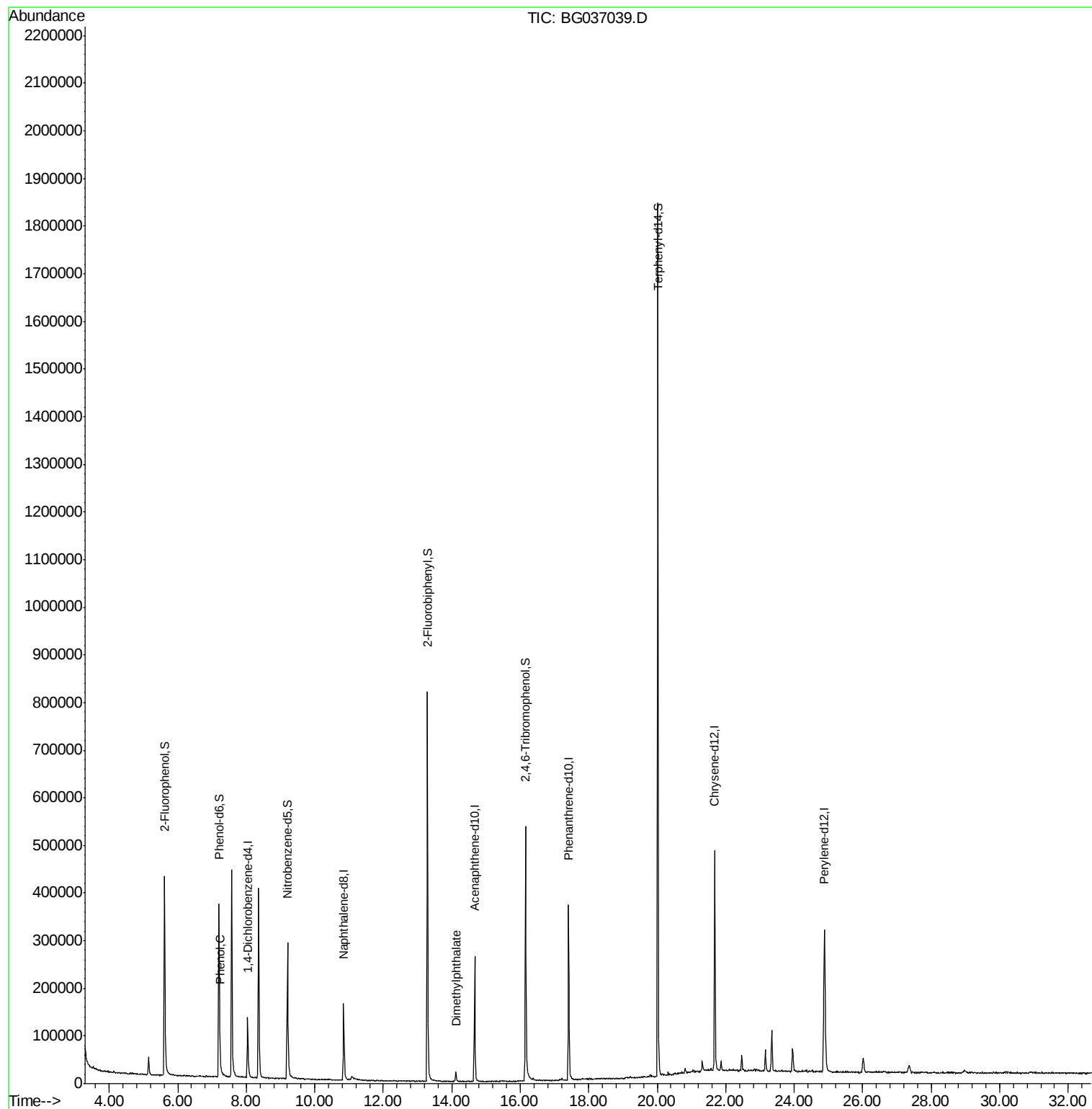
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40675	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	160446	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	100107	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	267236	20.00	ng	0.00
75) Chrysene-d12	21.68	240	303943	20.00	ng	-0.01
86) Perylene-d12	24.88	264	311958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	203863	96.12	ng	0.00
7) Phenol-d6	7.20	99	241087	73.47	ng	-0.01
23) Nitrobenzene-d5	9.20	82	223271	74.52	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	112452	93.89	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	459222	68.32	ng	-0.01
78) Terphenyl-d14	20.02	244	911836	78.89	ng	0.00
Target Compounds						
10) Phenol	7.23	94	6960	2.055	ng	# 59
49) Dimethylphthalate	14.12	163	20201	2.507	ng	# 98

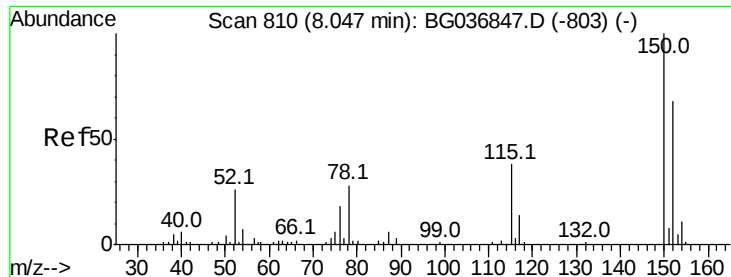
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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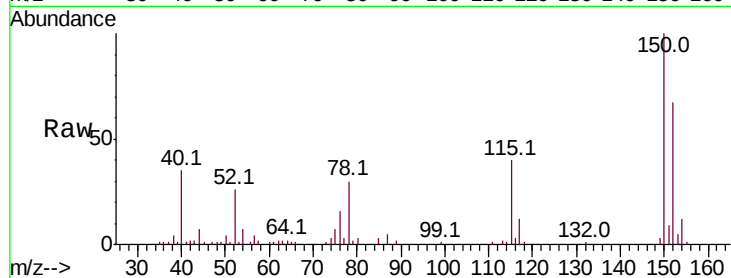


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037039.D
 Acq: 28 Sep 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :
 7211975

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.5	179.3
115	59.8	44.5	66.7

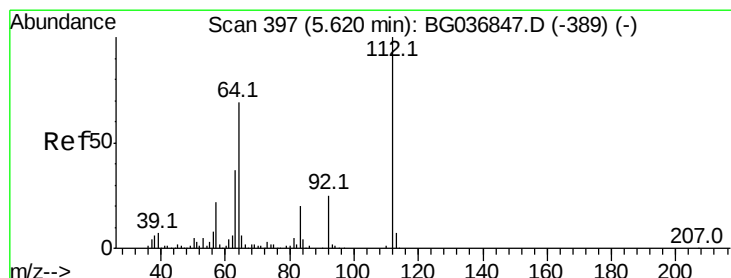
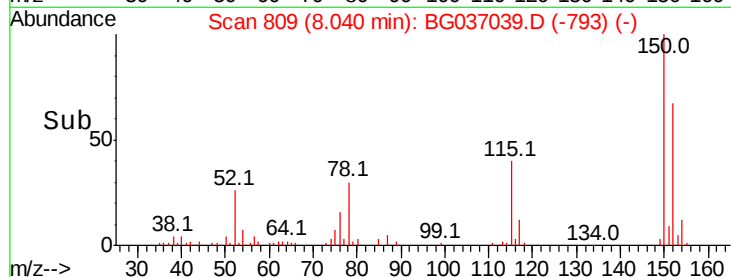
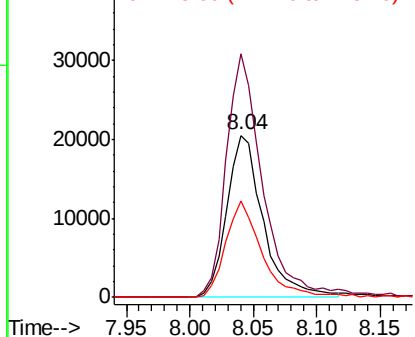


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

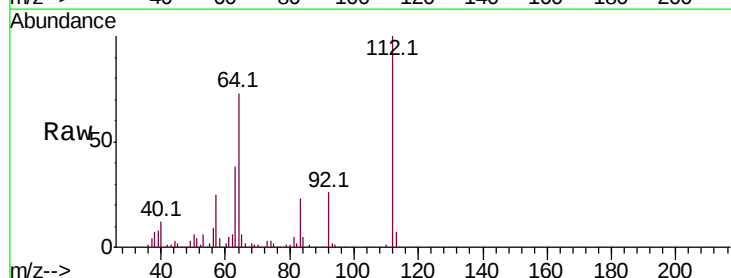
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 96.119 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037039.D
 Acq: 28 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	57.2	85.8
63	37.9	30.8	46.2

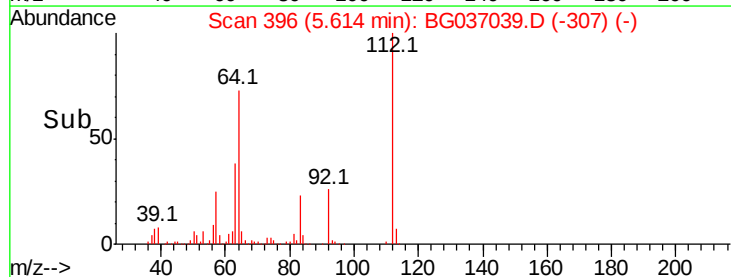
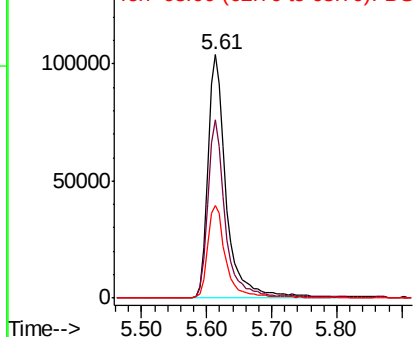


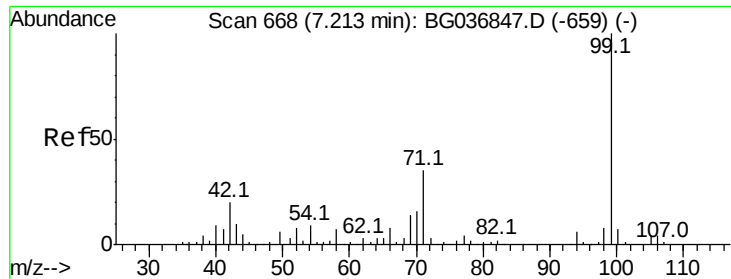
Abundance

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: 73.470 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037039.D

Acq: 28 Sep 2018 7:36

Instrument :

BNA_G

ClientSampled :

7211975

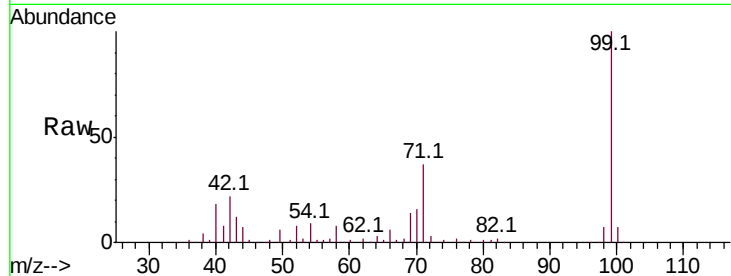
Tot Ion: 99 Resp: 241087

Ion Ratio Lower Upper

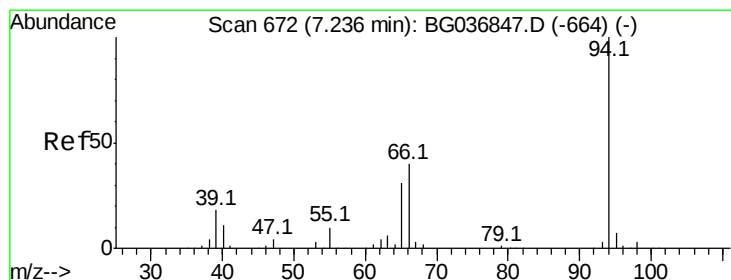
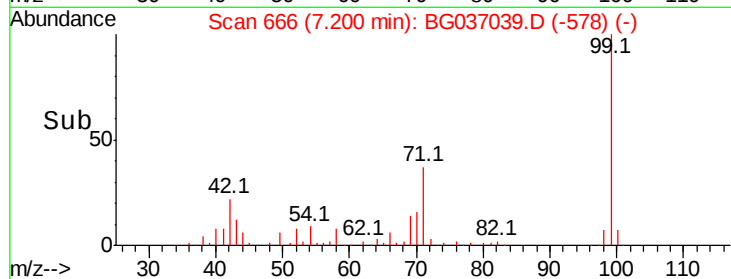
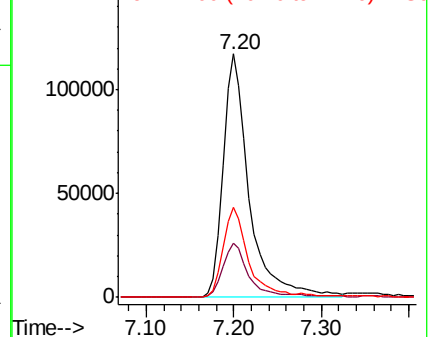
99 100

42 22.3 16.5 24.7

71 37.1 29.4 44.2



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: 2.055 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037039.D

Acq: 28 Sep 2018 7:36

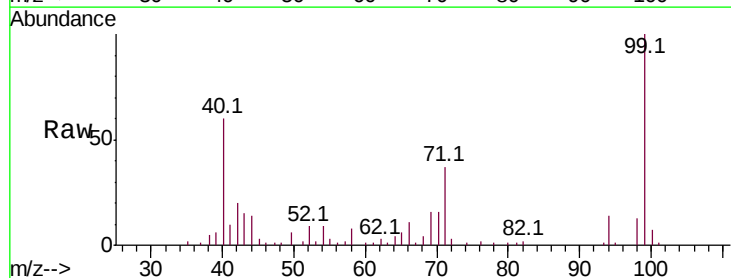
Tgt Ion: 94 Resp: 6960

Ion Ratio Lower Upper

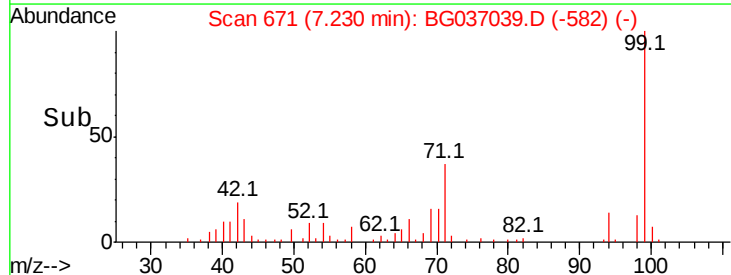
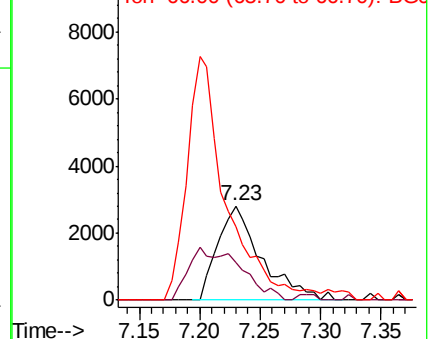
94 100

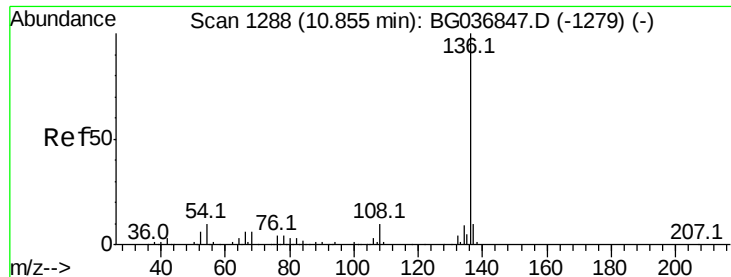
65 39.9 11.5 51.5

66 77.1 19.5 59.5#



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

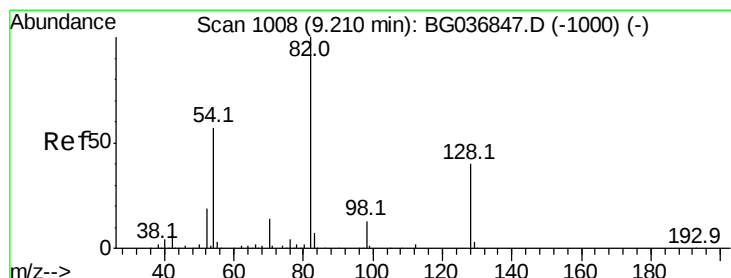
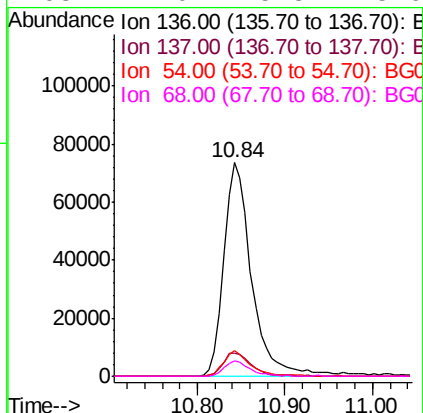
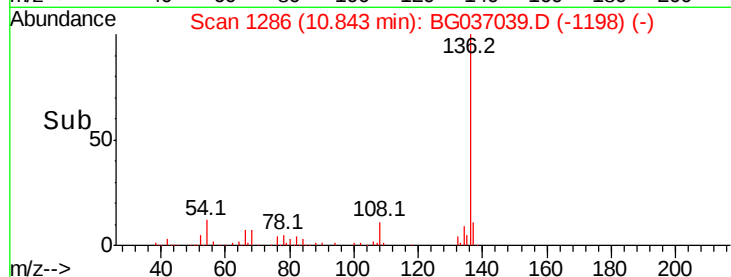
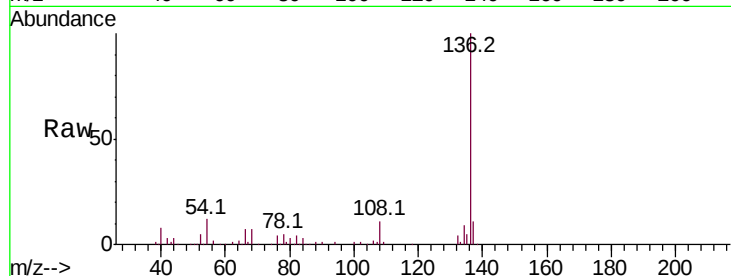




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037039.D
Acq: 28 Sep 2018 7:36

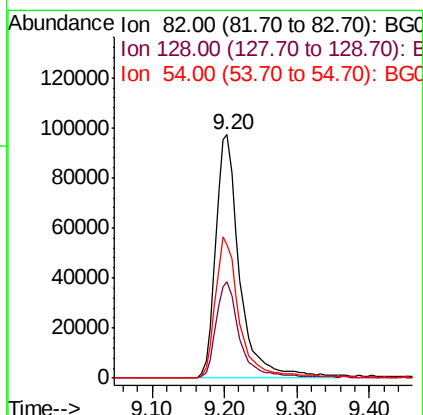
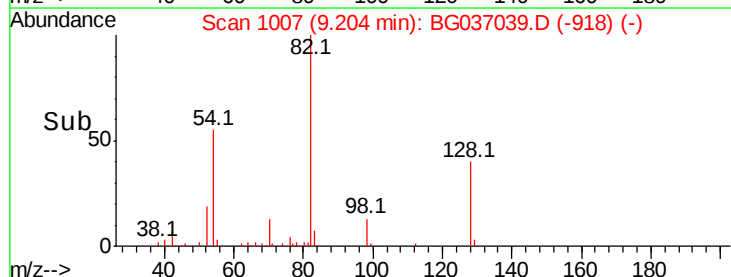
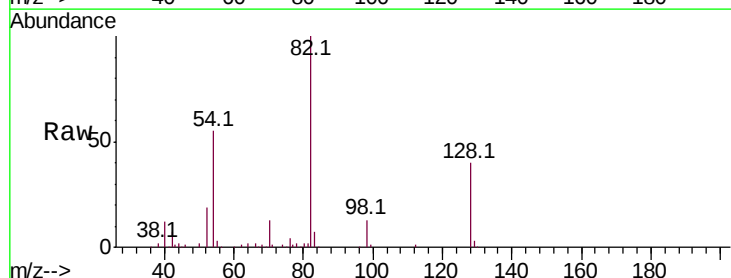
Instrument :
BNA_G
ClientSampleId :
7211975

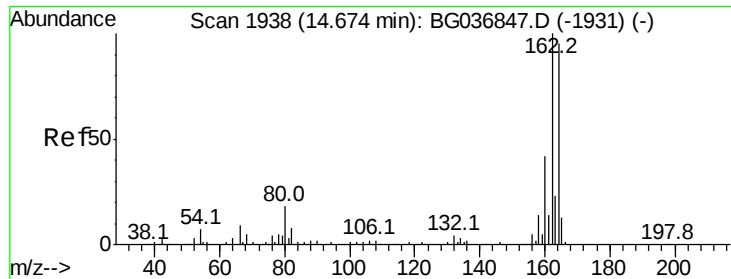
Tot Ion:136	Resp:	160446
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	11.7	9.2 13.8
68	7.0	5.8 8.6



#23
Nitrobenzene-d5
Concen: 74.520 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037039.D
Acq: 28 Sep 2018 7:36

Tgt Ion: 82	Resp:	223271
Ion	Ratio	Lower Upper
82	100	
128	39.8	33.3 49.9
54	54.7	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037039.D

Acq: 28 Sep 2018 7:36

Instrument :

BNA_G

ClientSampleId :

7211975

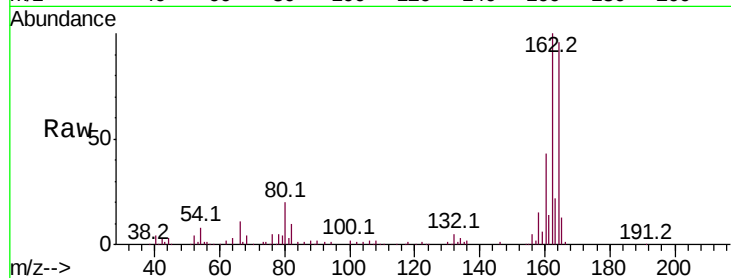
Tot Ion:164 Resp: 100107

Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

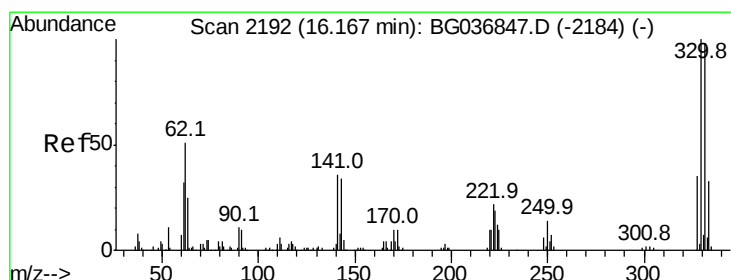
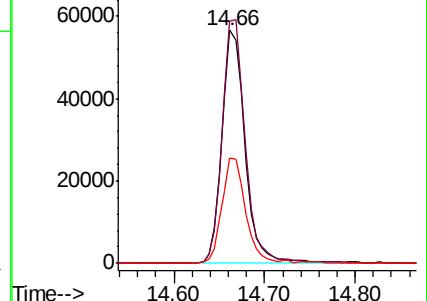
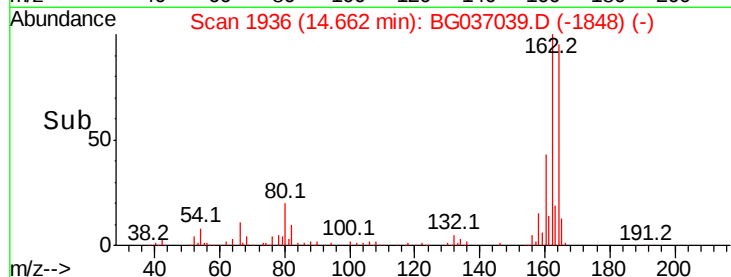
160 45.1 35.3 52.9



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: 93.888 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037039.D

Acq: 28 Sep 2018 7:36

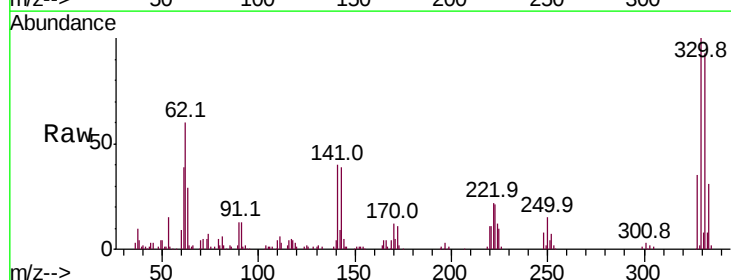
Tgt Ion:330 Resp: 112452

Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

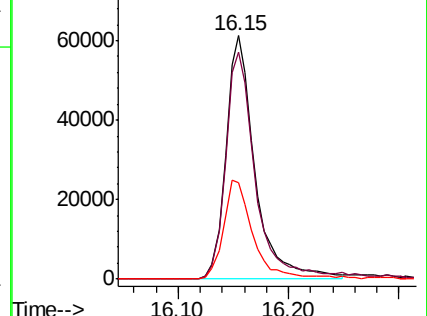
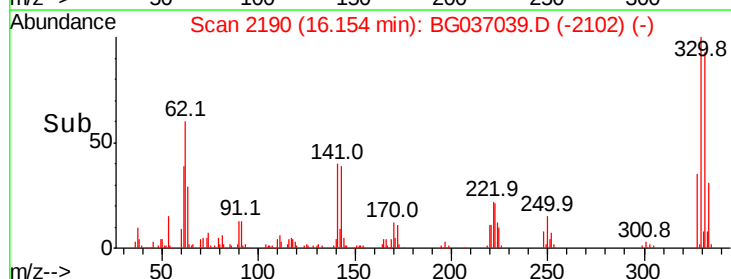
141 41.9 30.7 46.1

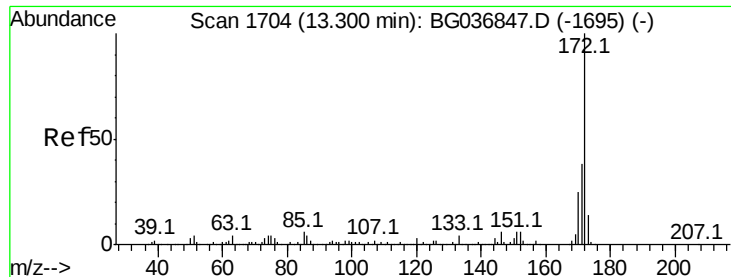


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

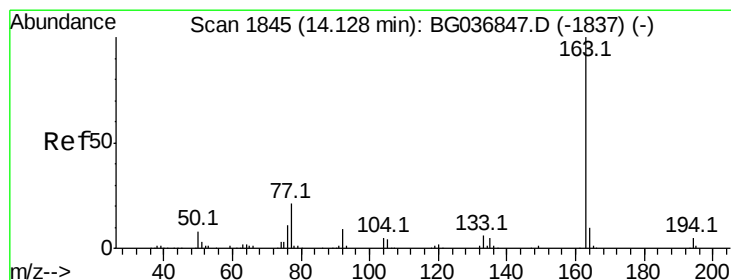
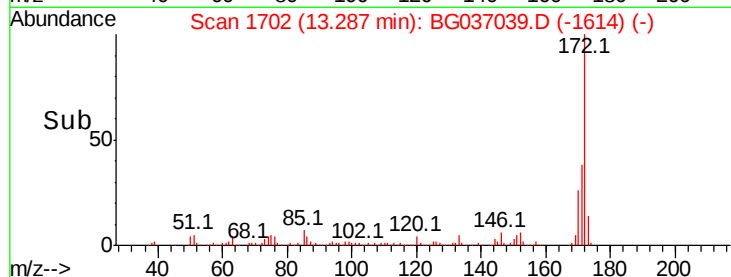
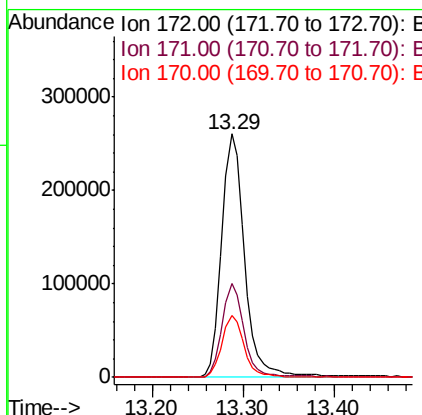
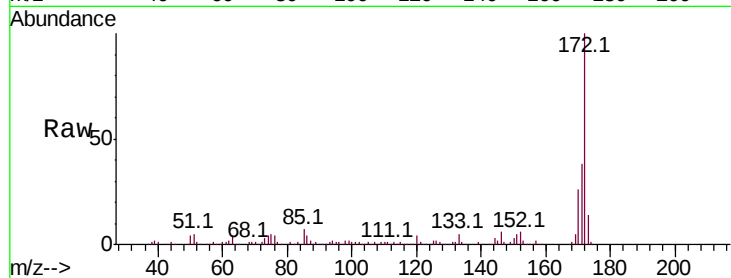




#44
2-Fluorobiphenyl
Concen: 68.323 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037039.D
Acq: 28 Sep 2018 7:36

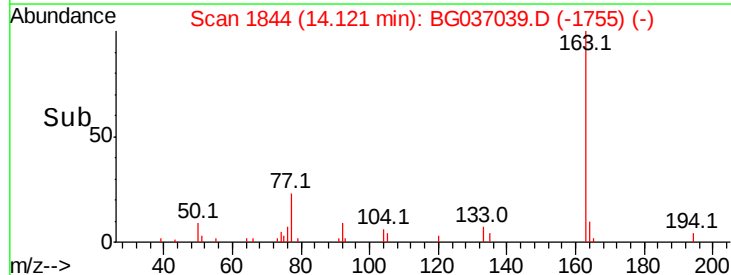
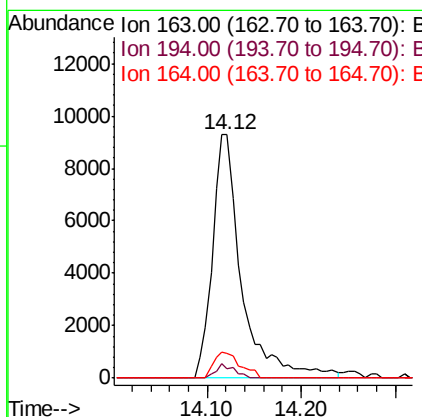
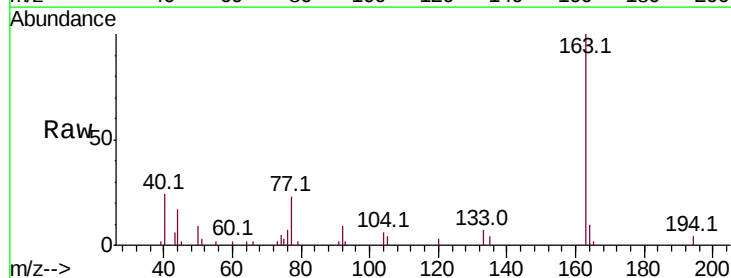
Instrument :
BNA_G
ClientSampleId :
7211975

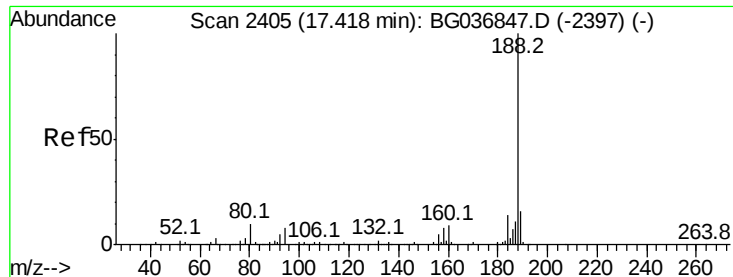
Tot Ion:172 Resp: 459222
Ion Ratio Lower Upper
172 100
171 38.3 31.3 46.9
170 25.6 21.0 31.6



#49
Dimethylphthalate
Concen: 2.507 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG037039.D
Acq: 28 Sep 2018 7:36

Tgt Ion:163 Resp: 20201
Ion Ratio Lower Upper
163 100
194 4.0 4.0 6.0#
164 10.4 8.1 12.1

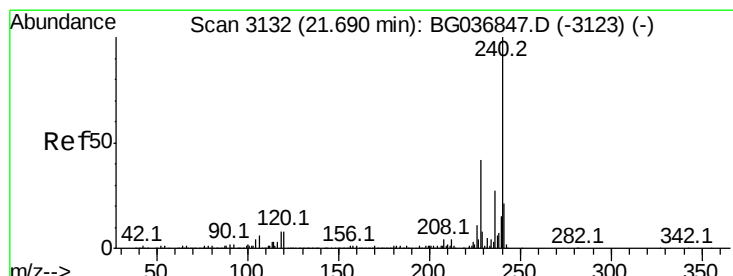
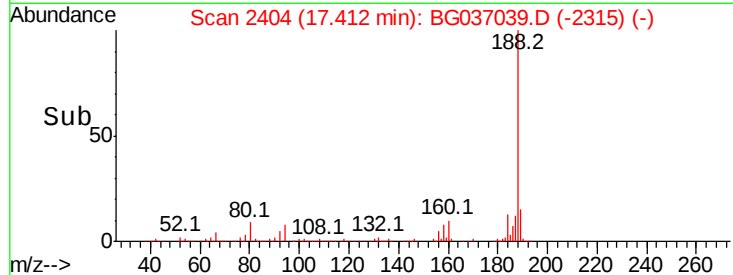
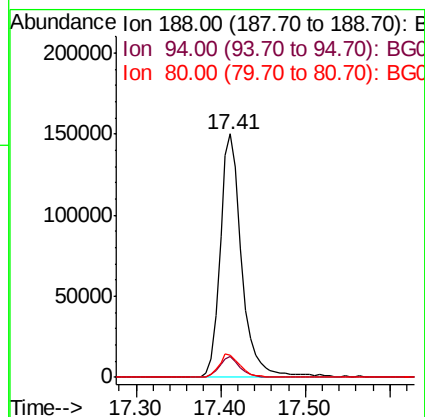
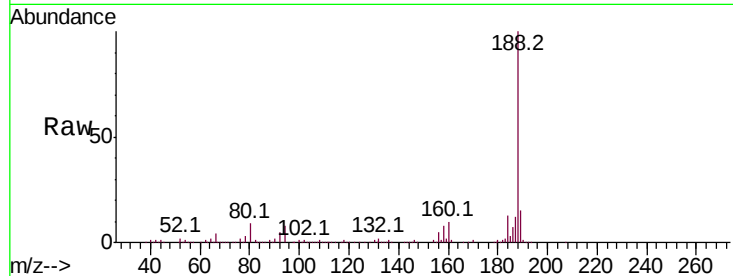




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037039.D
Acq: 28 Sep 2018 7:36

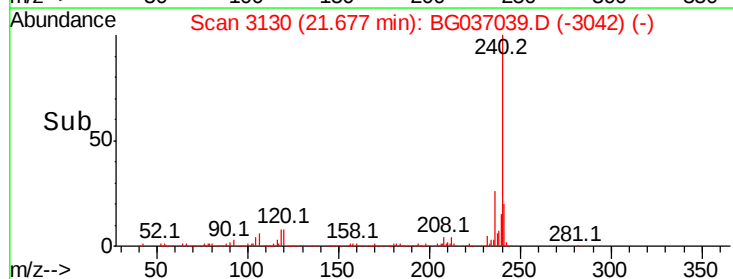
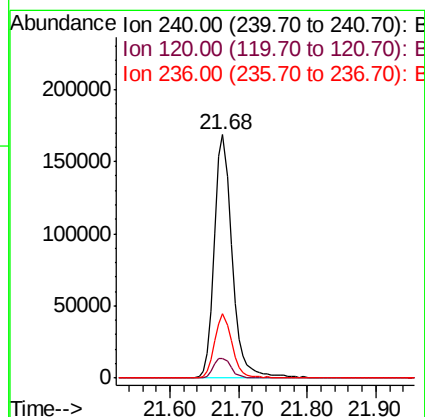
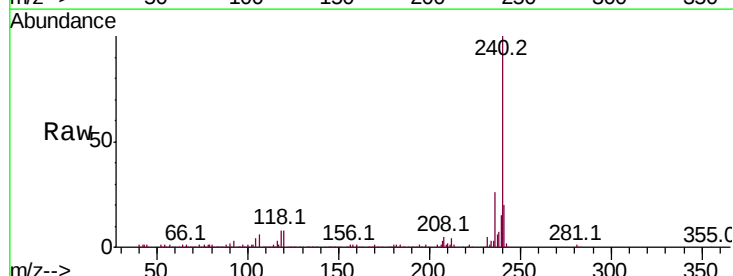
Instrument :
BNA_G
ClientSampleId :
7211975

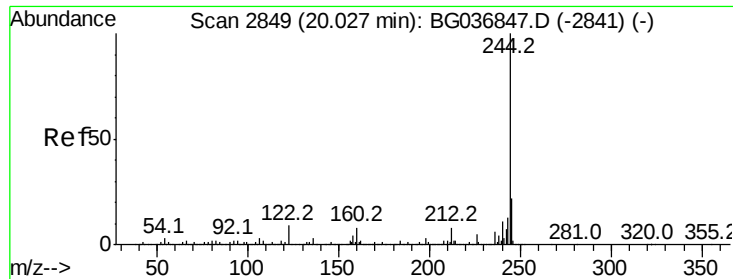
Tot Ion:188 Resp: 267236
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.9 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037039.D
Acq: 28 Sep 2018 7:36

Tgt Ion:240 Resp: 303943
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.5 21.2 31.8

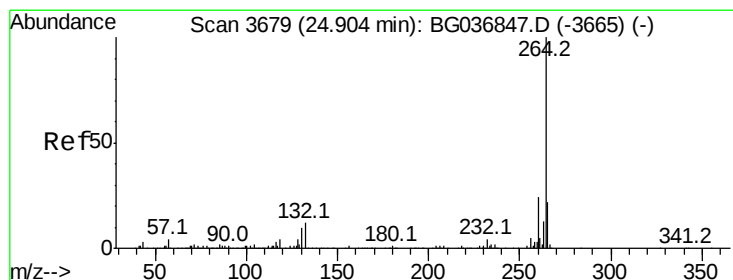
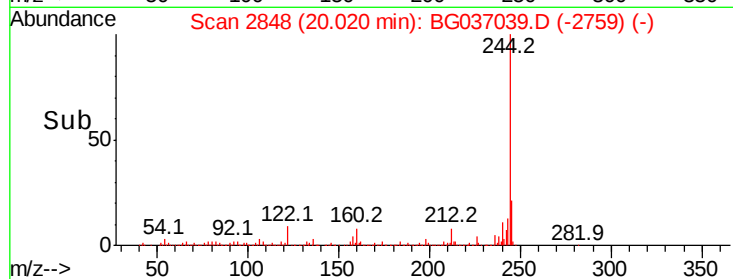
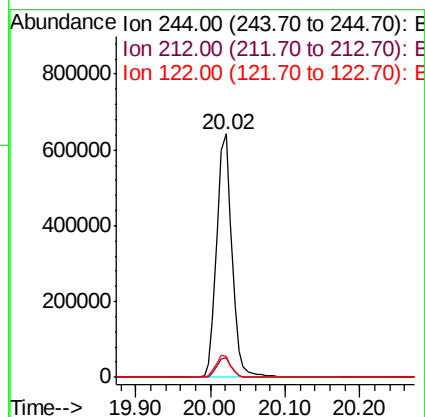
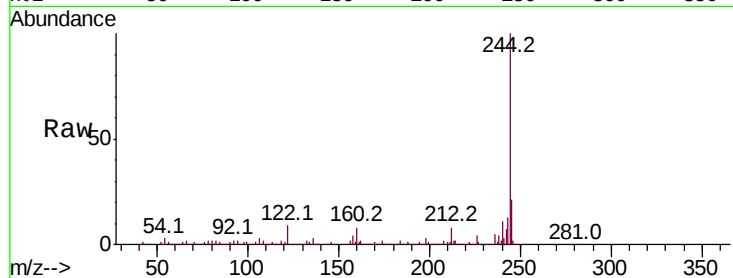




#78
 Terphenyl-d14
 Concen: 78.885 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG037039.D
 Acq: 28 Sep 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :
 7211975

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.6
122	8.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037039.D
 Acq: 28 Sep 2018 7:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.8	17.4	26.0

