

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037631.D
 Acq On : 29 Oct 2018 20:27
 Operator : JU/SJ
 Sample : J5665-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DL-07B

Quant Time: Oct 30 05:16:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

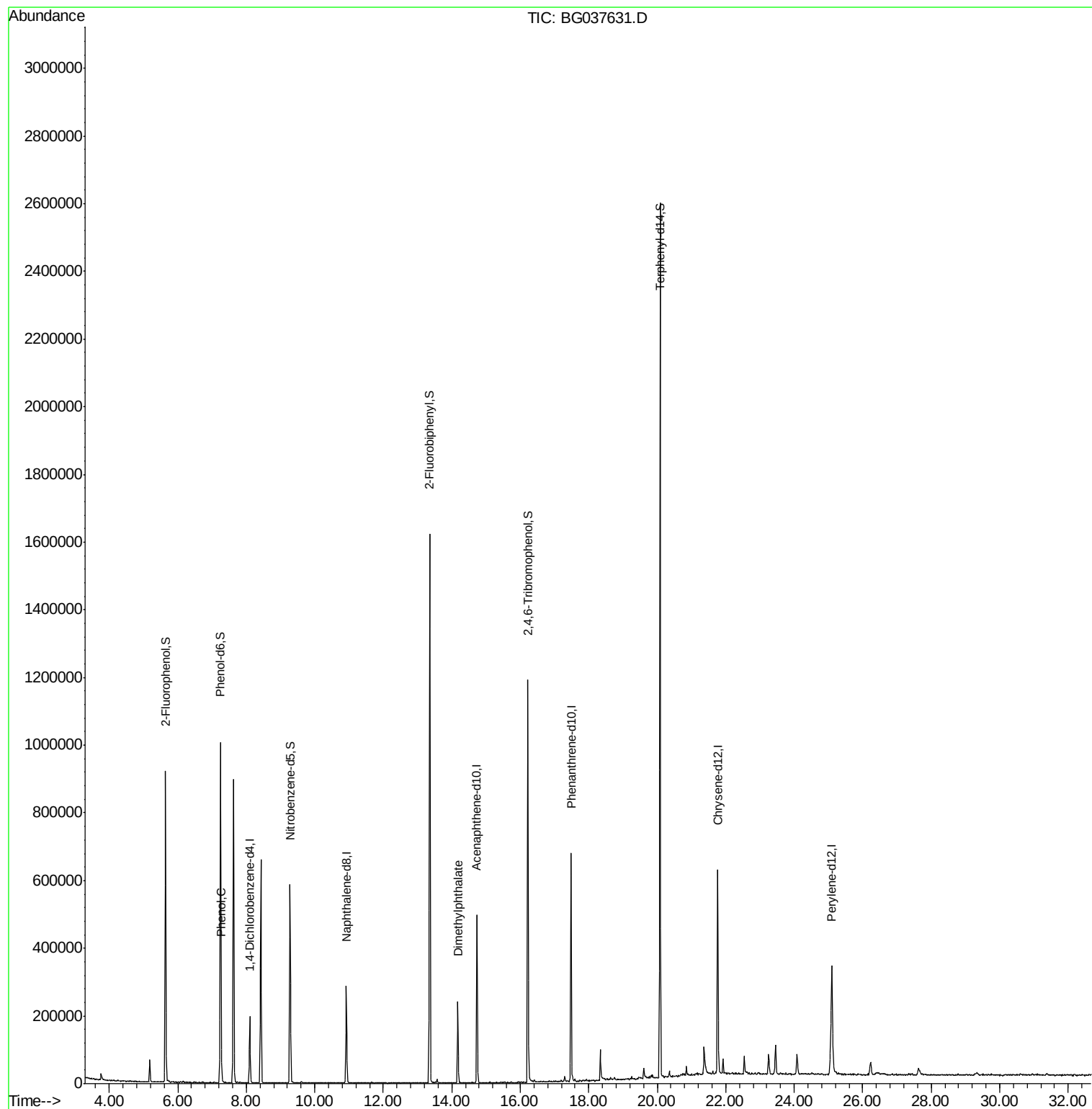
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60457	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	264792	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178877	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	418097	20.00	ng	0.00
76) Chrysene-d12	21.77	240	376883	20.00	ng	0.00
87) Perylene-d12	25.10	264	383648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	424472	117.38	ng	0.00
7) Phenol-d6	7.25	99	632218	115.62	ng	0.00
23) Nitrobenzene-d5	9.28	82	366567	77.55	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	211030	108.17	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	888978	74.94	ng	0.00
79) Terphenyl-d14	20.08	244	1247136	70.71	ng	0.00
Target Compounds						
10) Phenol	7.27	94	43620	7.561	ng	94
50) Dimethylphthalate	14.18	163	167351	12.093	ng	98

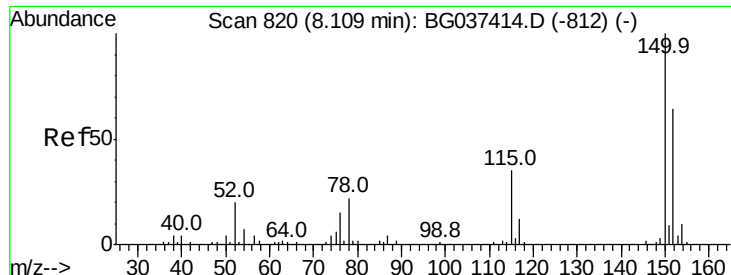
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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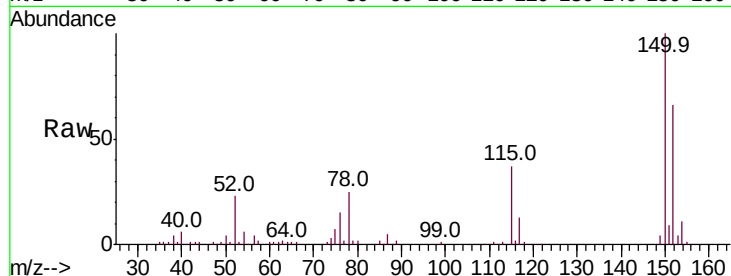


#1

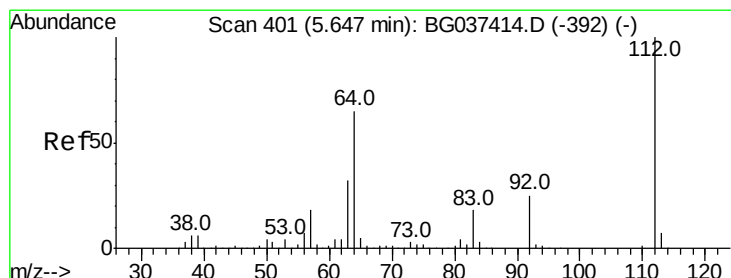
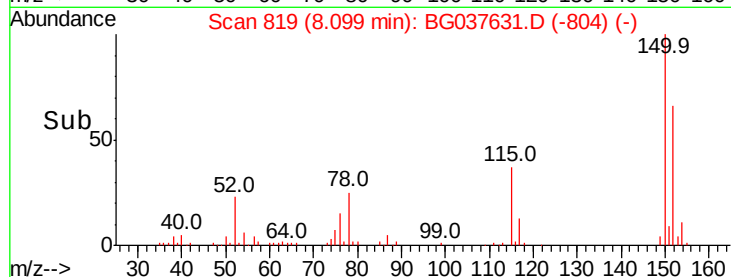
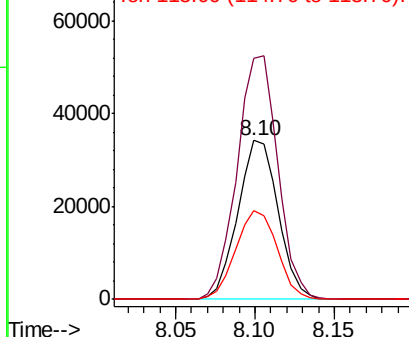
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037631.D
Acq: 29 Oct 2018 20:27

Instrument :
BNA_G
ClientSampleId :
DL-07B

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.0	189.0
115	56.1	45.5	68.3



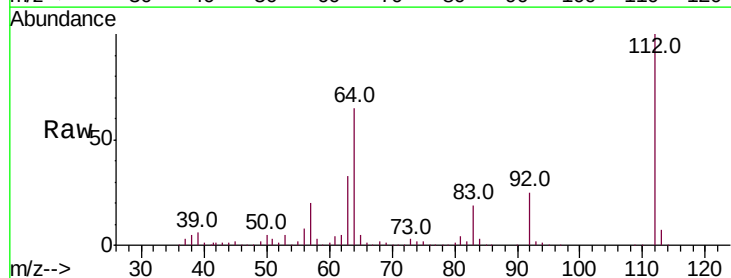
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



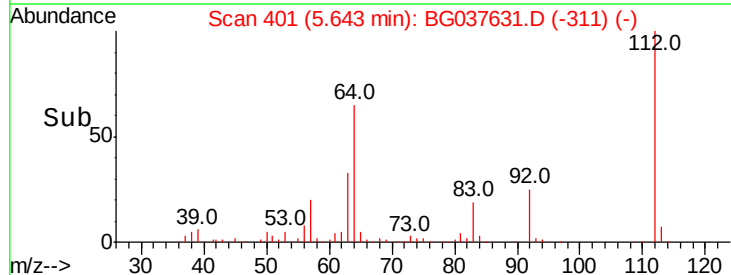
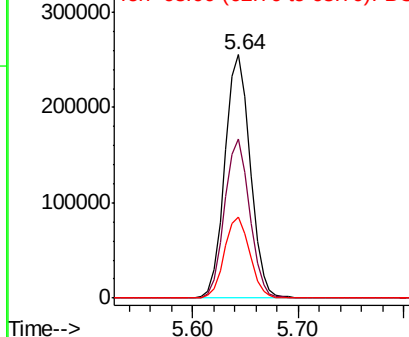
#5

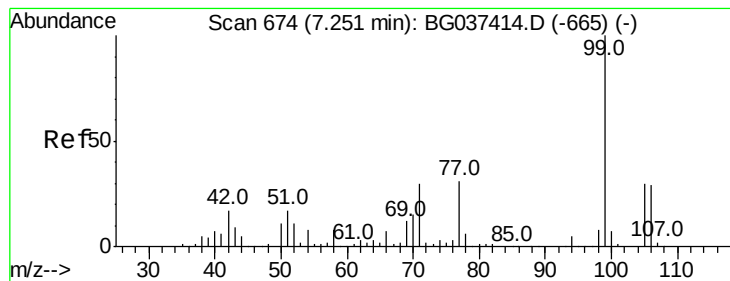
2-Fluorophenol
Concen: 117.382 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037631.D
Acq: 29 Oct 2018 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	53.1	79.7
63	33.3	27.3	40.9



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: 115.619 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

Instrument :

BNA_G

ClientSampleId :

DL-07B

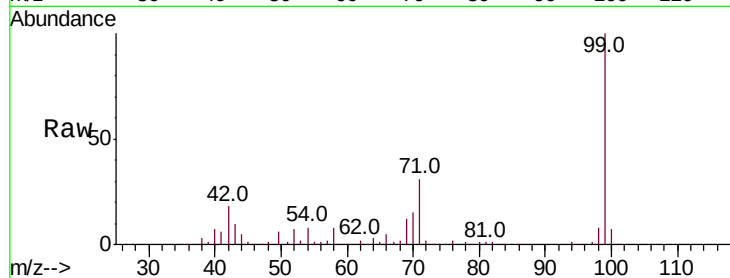
Tot Ion: 99 Resp: 632218

Ion Ratio Lower Upper

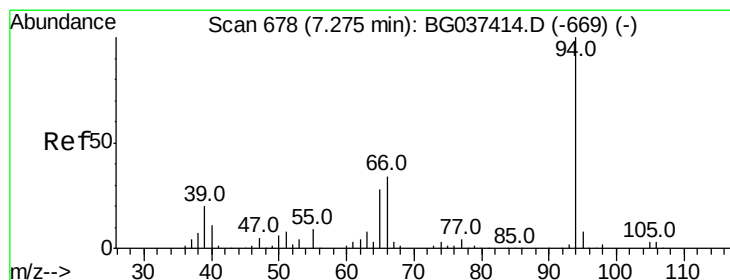
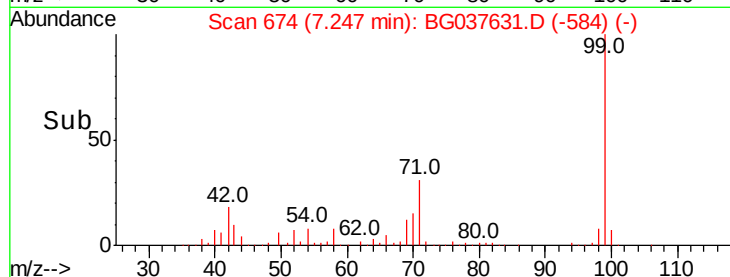
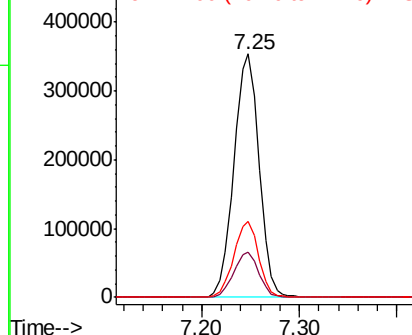
99 100

42 18.5 15.0 22.4

71 31.4 25.5 38.3



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: 7.561 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

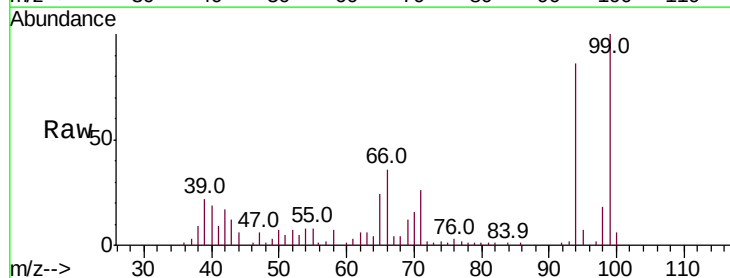
Tgt Ion: 94 Resp: 43620

Ion Ratio Lower Upper

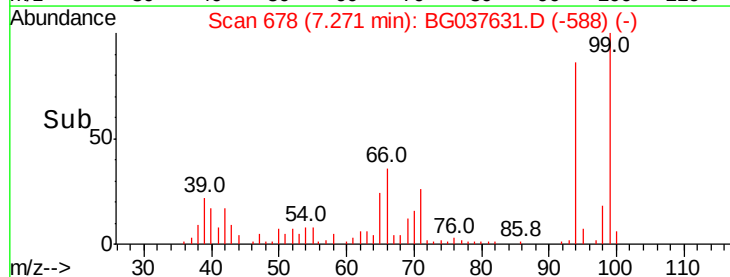
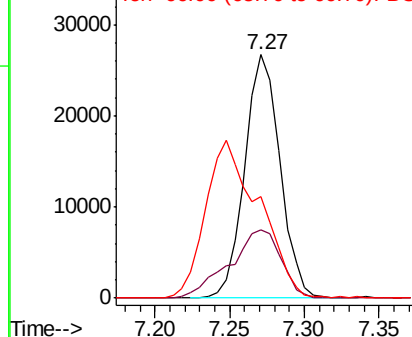
94 100

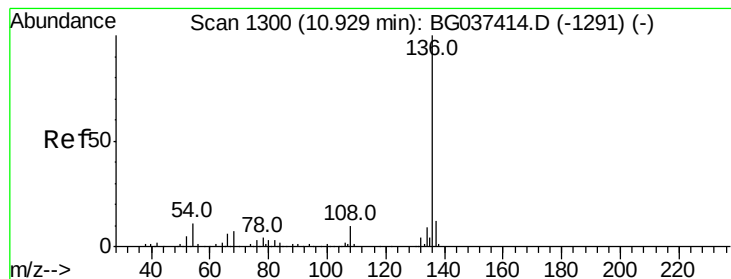
65 28.2 9.7 49.7

66 41.5 15.9 55.9



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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

Instrument :

BNA_G

ClientSampleId :

DL-07B

Tot Ion:136 Resp: 264792

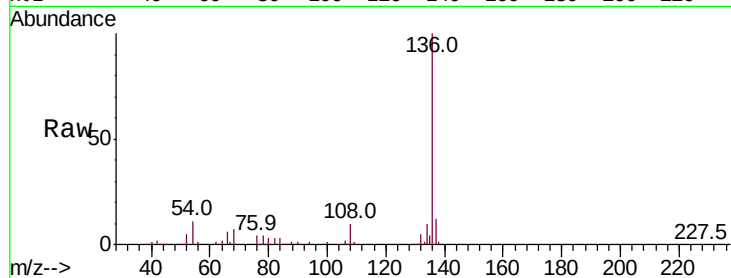
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 10.7 7.9 11.9

68 6.7 4.8 7.2

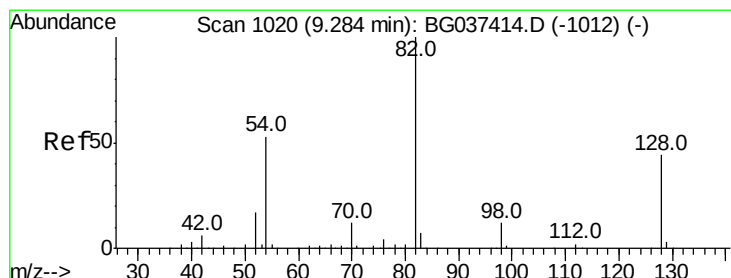
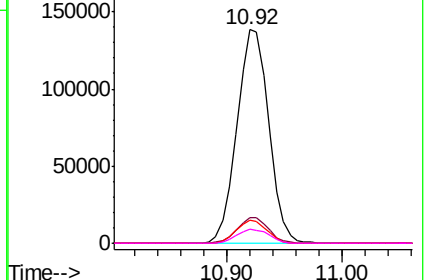
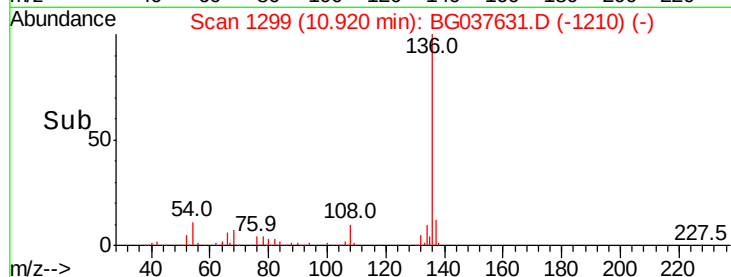


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.550 ng

RT: 9.28 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

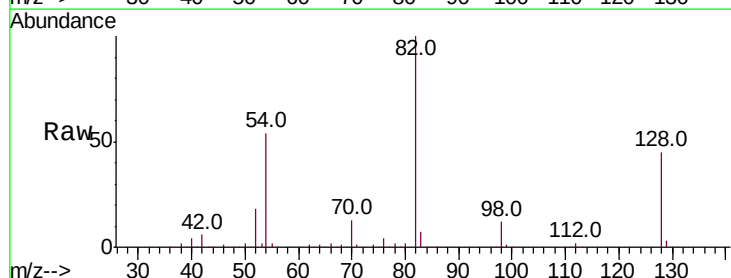
Tgt Ion: 82 Resp: 366567

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

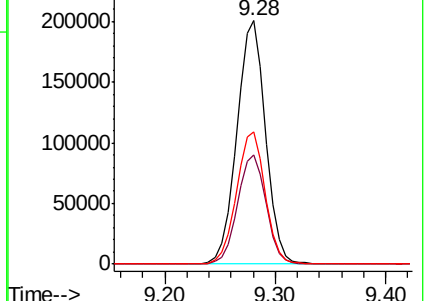
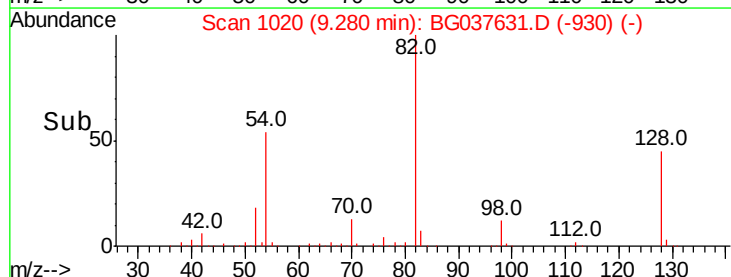
54 54.3 45.3 67.9

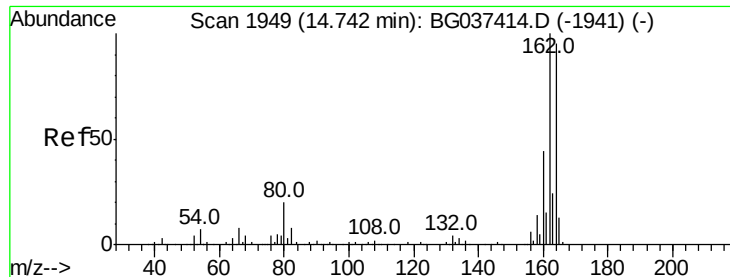


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

Instrument :

BNA_G

ClientSampled :

DL-07B

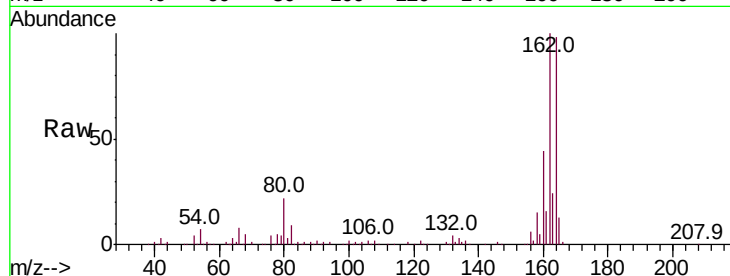
Tot Ion:164 Resp: 178877

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

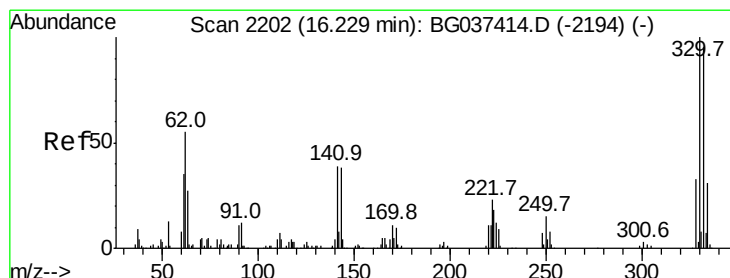
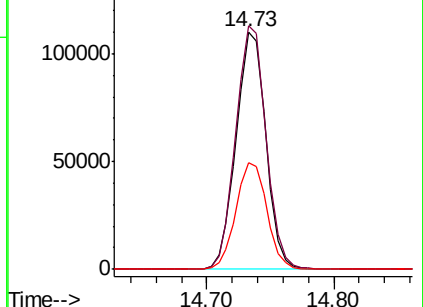
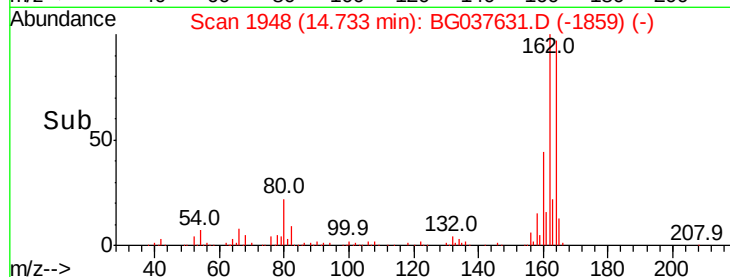
160 44.9 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 108.165 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

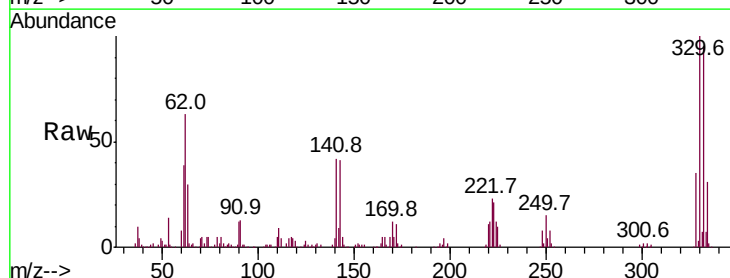
Tgt Ion:330 Resp: 211030

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

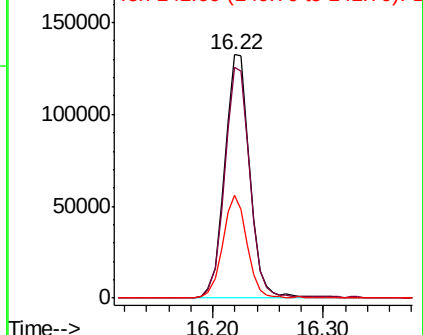
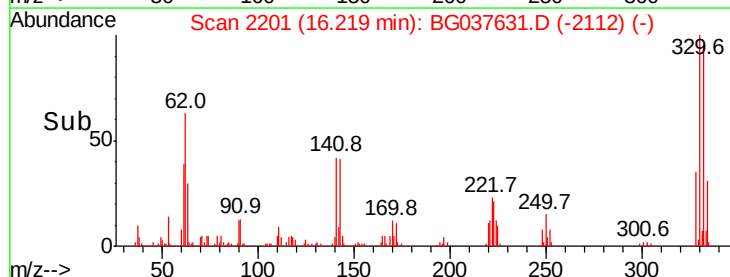
141 41.1 32.2 48.2

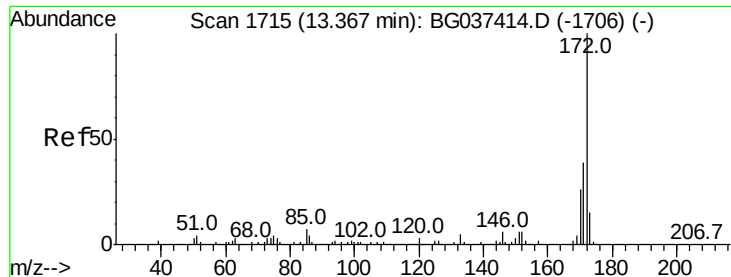


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

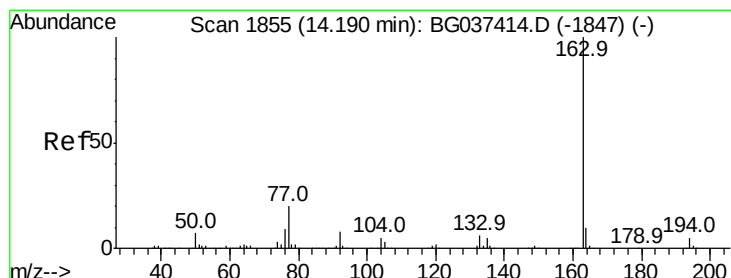
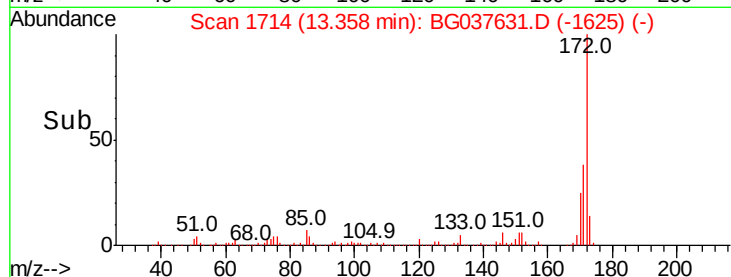
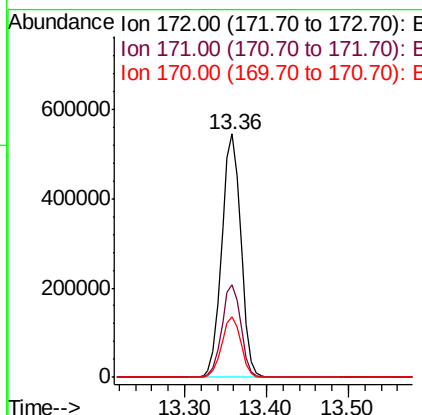
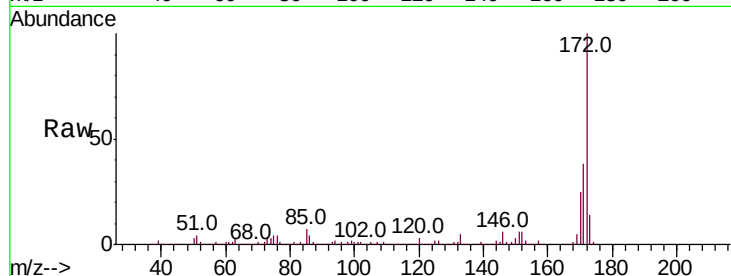




#45
2-Fluorobiphenyl
Concen: 74.941 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037631.D
Acq: 29 Oct 2018 20:27

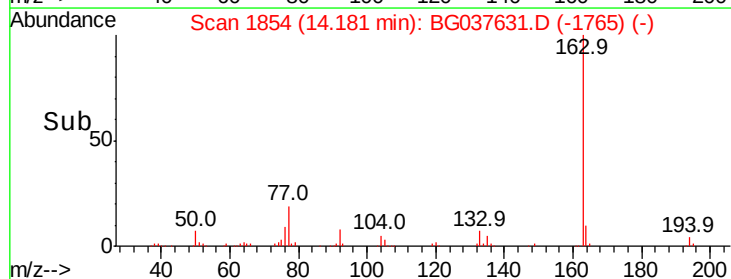
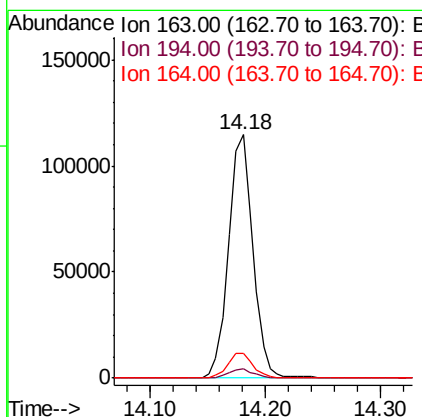
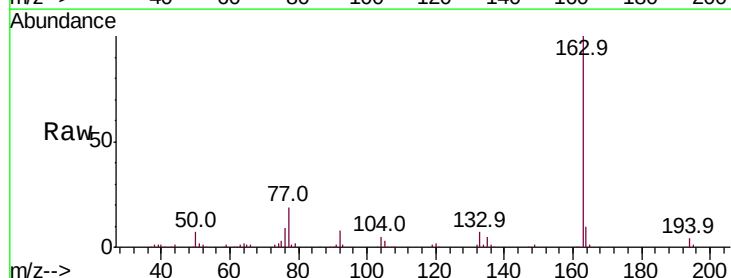
Instrument :
BNA_G
ClientSampleId :
DL-07B

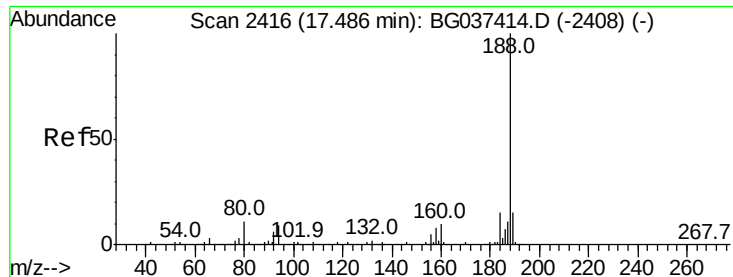
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.9	20.2	30.2



#50
Dimethylphthalate
Concen: 12.093 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037631.D
Acq: 29 Oct 2018 20:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.0	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

Instrument :

BNA_G

ClientSampleId :

DL-07B

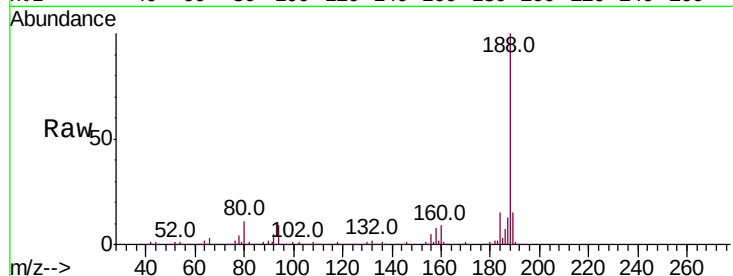
Tot Ion:188 Resp: 418097

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

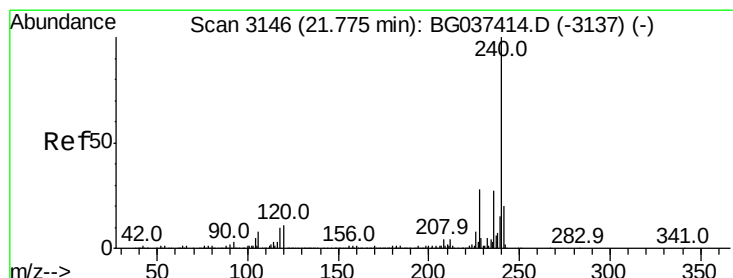
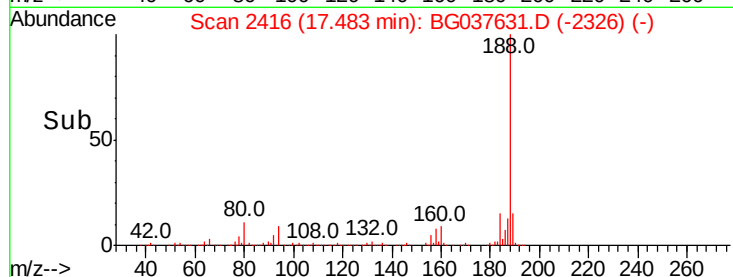
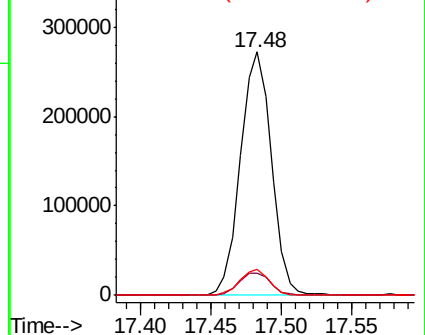
80 10.7 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037631.D

Acq: 29 Oct 2018 20:27

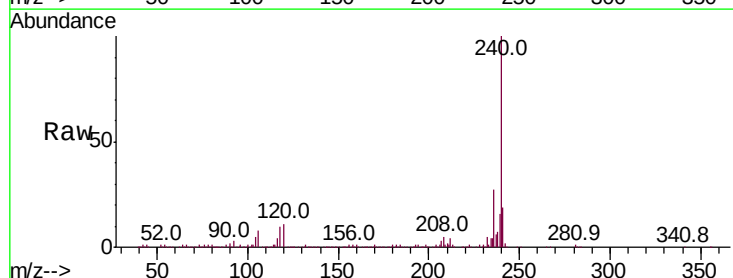
Tgt Ion:240 Resp: 376883

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

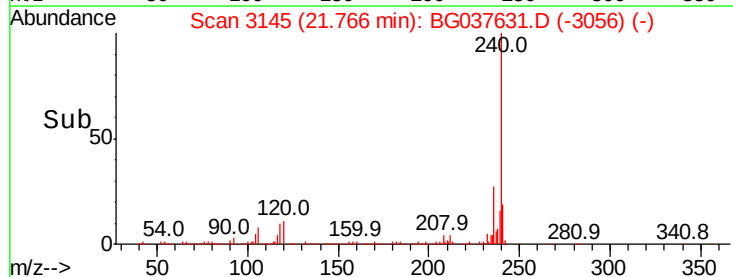
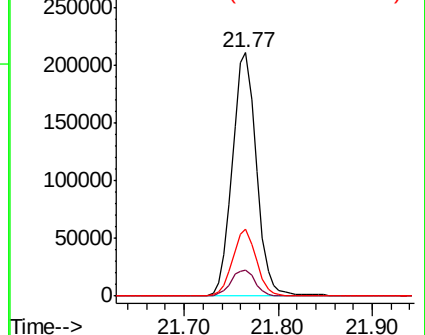
236 27.3 21.4 32.0

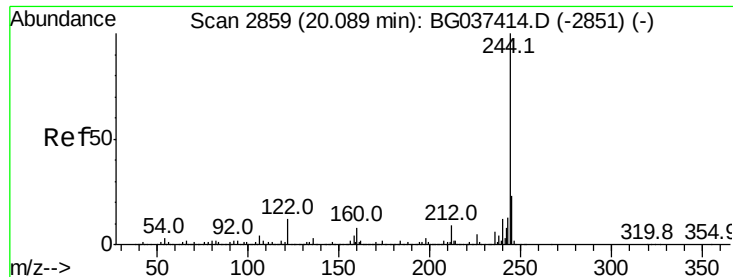


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



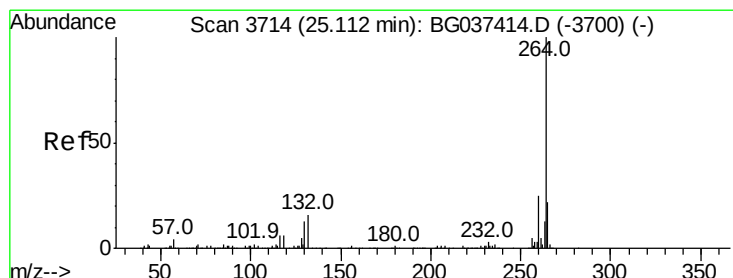
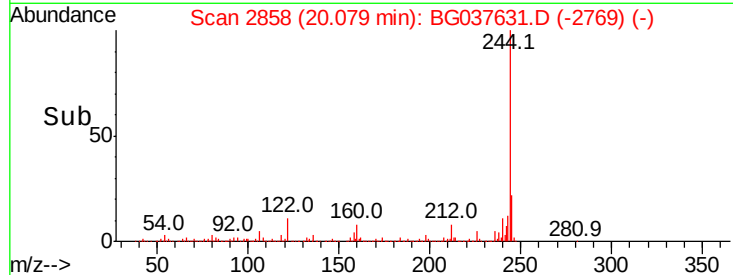
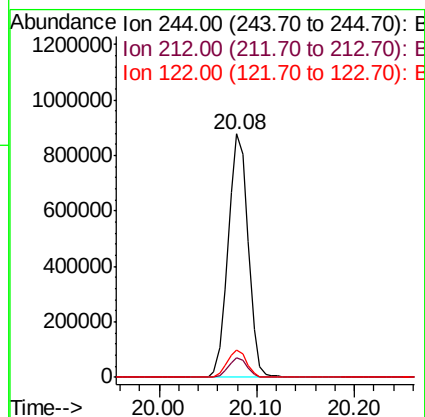
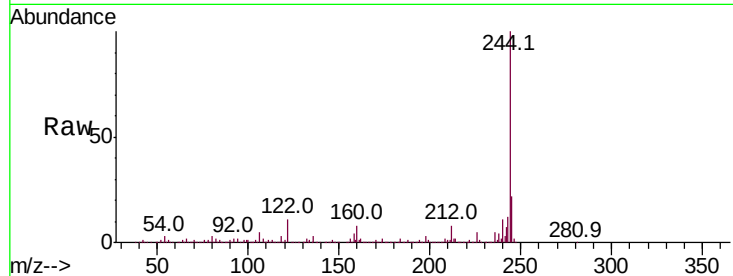


#79
 Terphenyl-d14
 Concen: 70.707 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037631.D
 Acq: 29 Oct 2018 20:27

Instrument :
 BNA_G
 ClientSampleId :
 DL-07B

Tot Ion:244 Resp: 1247136

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.3	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG037631.D
 Acq: 29 Oct 2018 20:27

Tgt Ion:264 Resp: 383648

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.3	17.9	26.9

