

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037404.D
 Acq On : 18 Oct 2018 00:01
 Operator : JU/SJ
 Sample : J5541-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-S

Quant Time: Oct 18 12:04:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

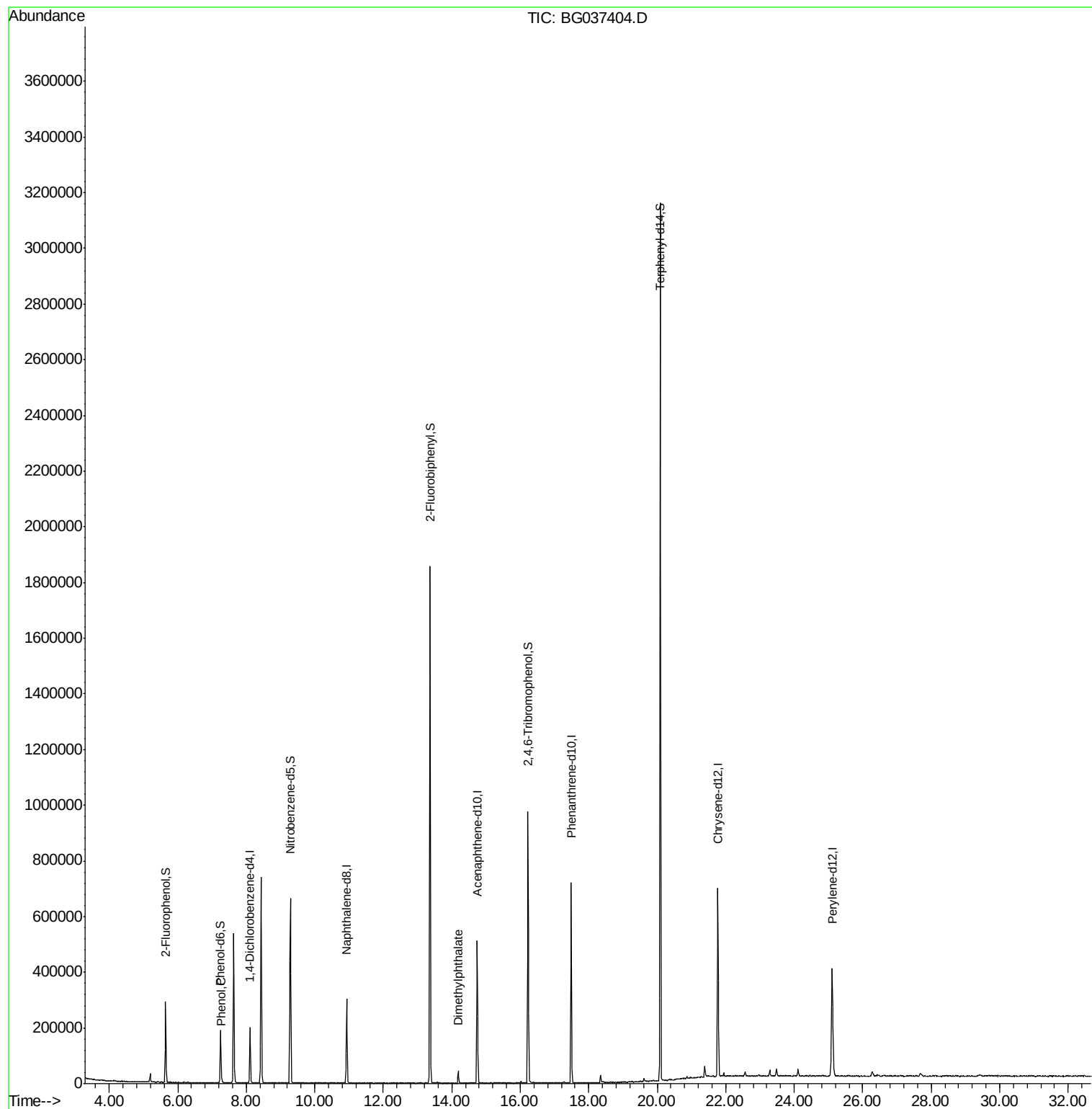
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59813	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	273723	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	184513	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	456117	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	421357	20.00	ng	-0.02
87) Perylene-d12	25.11	264	421810	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	136401	40.13	ng	0.00
7) Phenol-d6	7.25	99	122002	23.65	ng	0.00
23) Nitrobenzene-d5	9.29	82	416338	100.00	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	174768	96.58	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	1042177	84.82	ng	-0.02
79) Terphenyl-d14	20.09	244	1546172	77.05	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	15310	2.818	ng	96
50) Dimethylphthalate	14.19	163	33897	2.338	ng	99

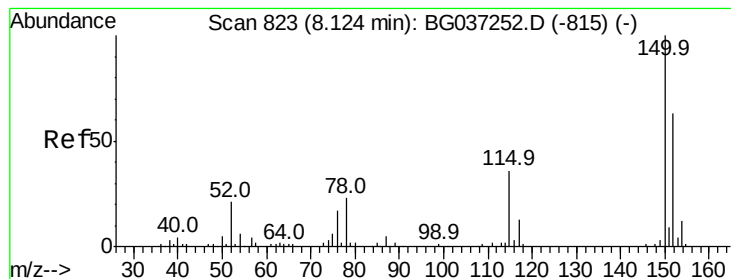
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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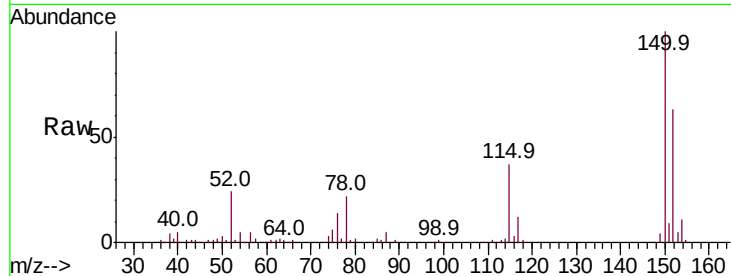


#1

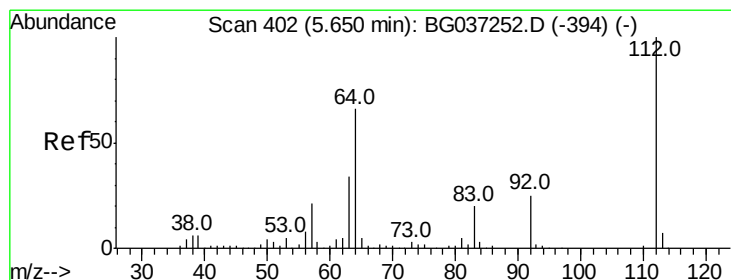
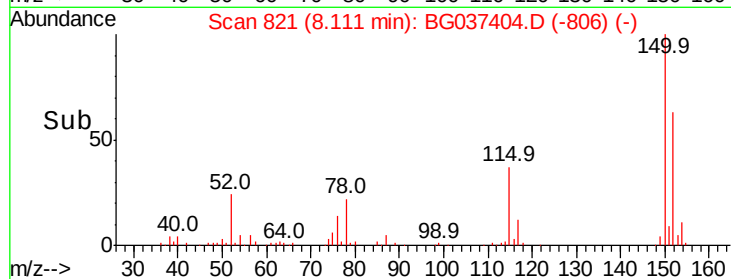
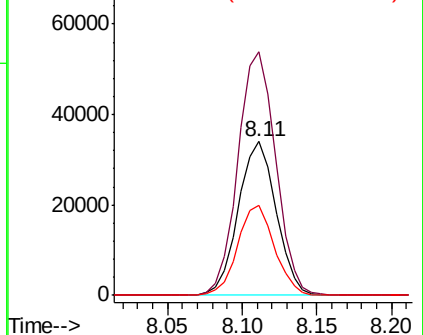
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tot Ion:152 Resp: 59813
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 58.9 45.5 68.3



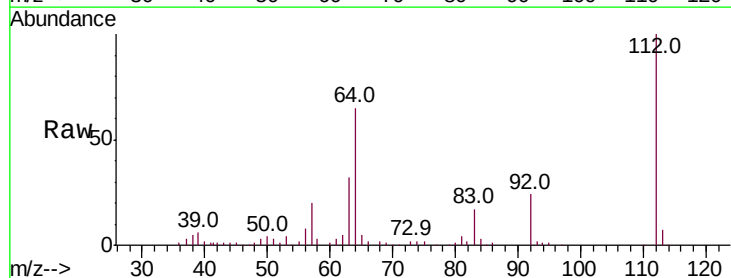
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



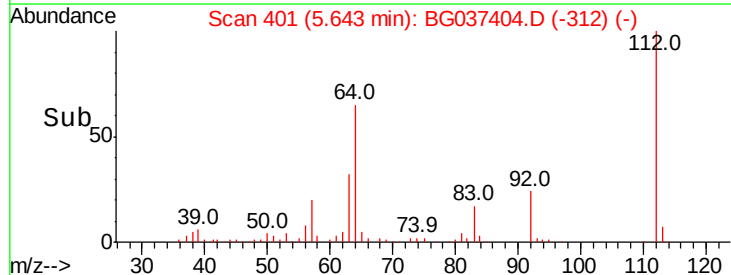
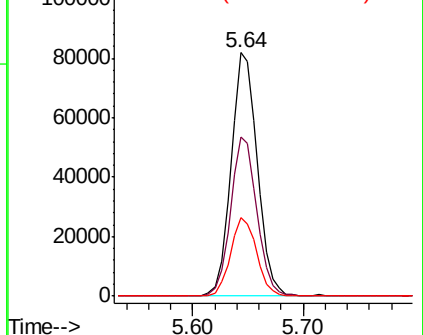
#5

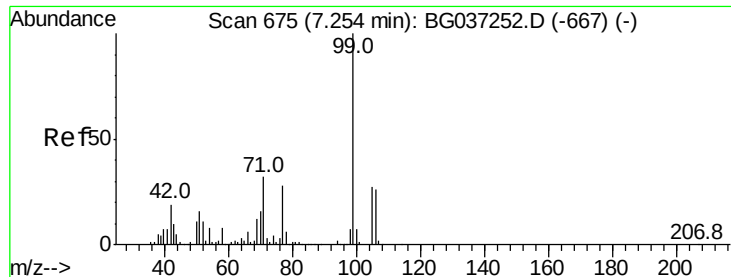
2-Fluorophenol
Concen: 40.134 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion:112 Resp: 136401
Ion Ratio Lower Upper
112 100
64 65.4 53.1 79.7
63 32.1 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: 23.650 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-S

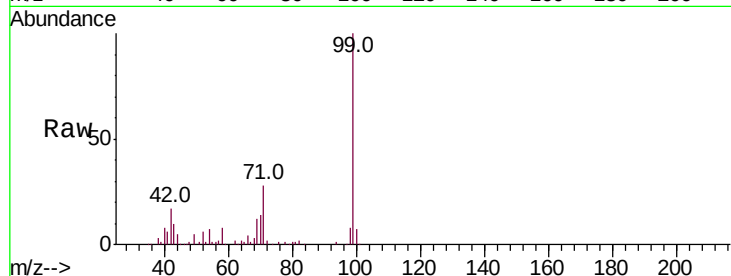
Tot Ion: 99 Resp: 122002

Ion Ratio Lower Upper

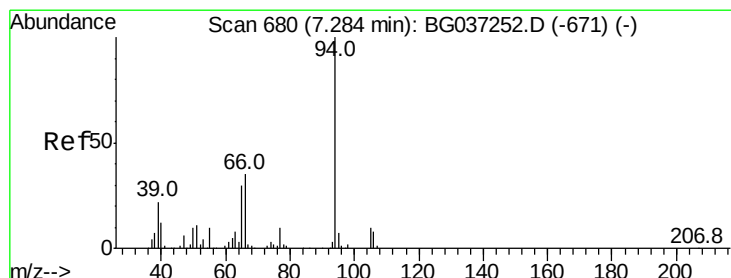
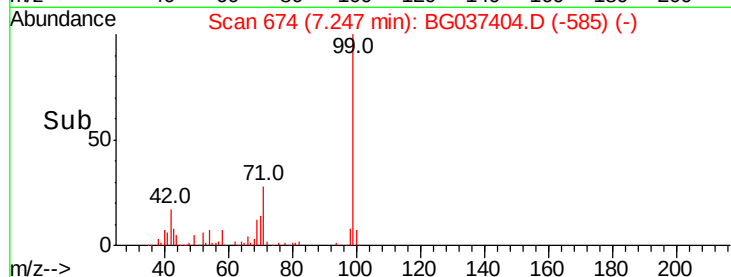
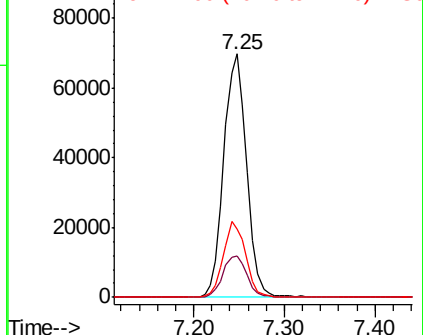
99 100

42 17.1 15.0 22.4

71 28.2 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: 2.818 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

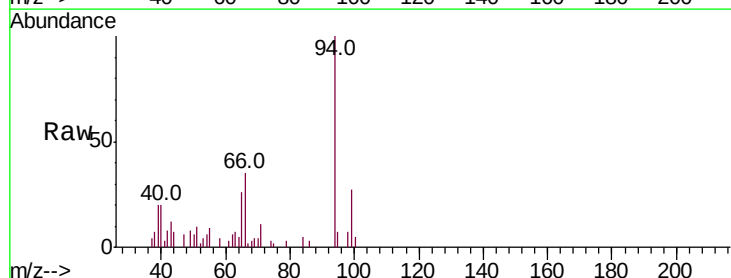
Tgt Ion: 94 Resp: 15310

Ion Ratio Lower Upper

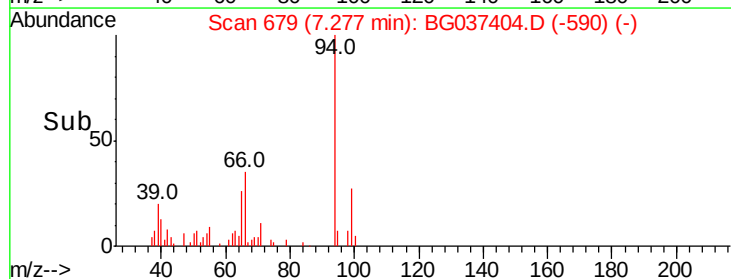
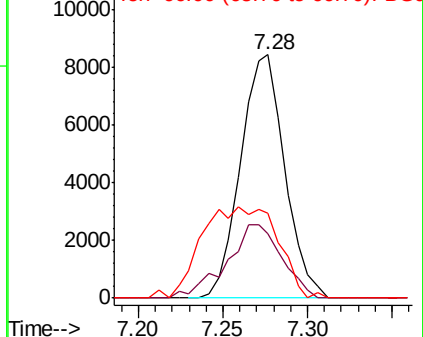
94 100

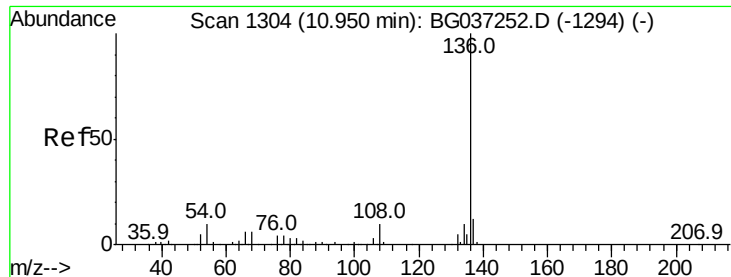
65 26.3 9.7 49.7

66 35.1 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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-S

Tot Ion:136 Resp: 273723

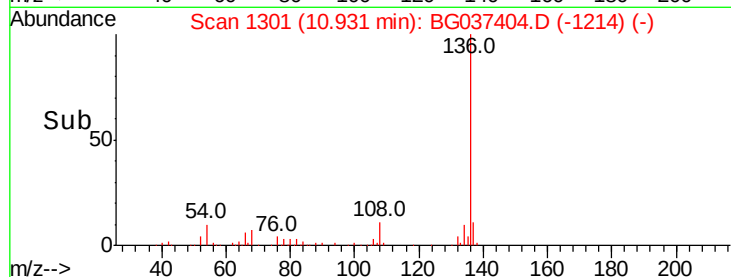
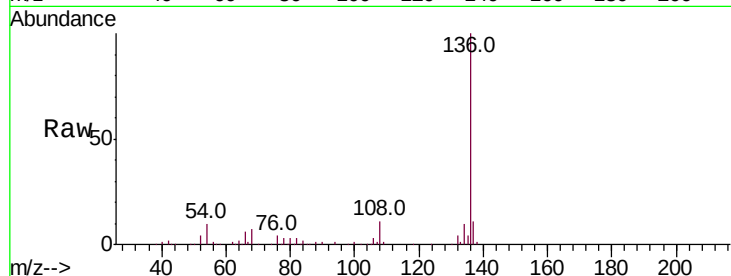
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 10.3 7.9 11.9

68 7.5 4.8 7.2#

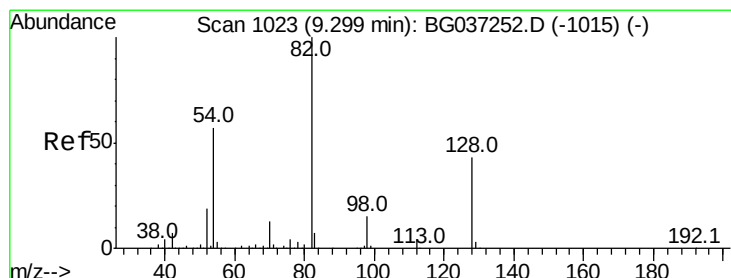
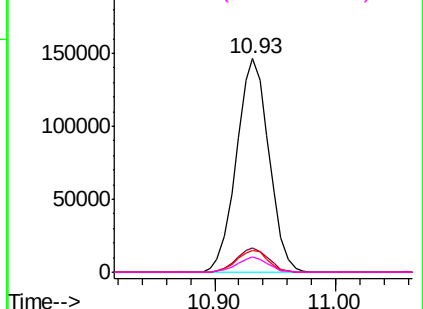


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.999 ng

RT: 9.29 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

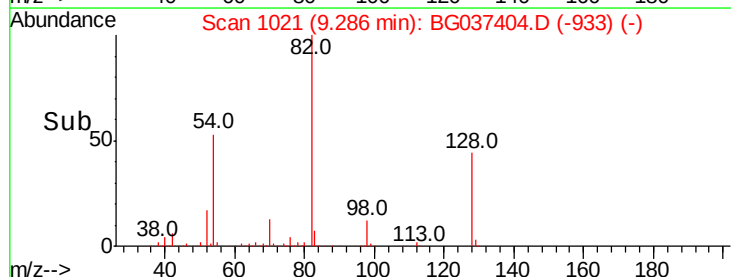
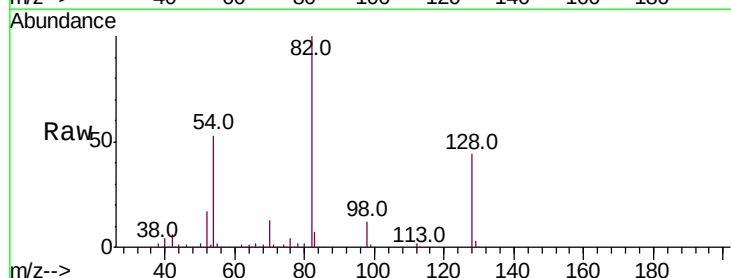
Tgt Ion: 82 Resp: 416338

Ion Ratio Lower Upper

82 100

128 43.5 34.6 51.8

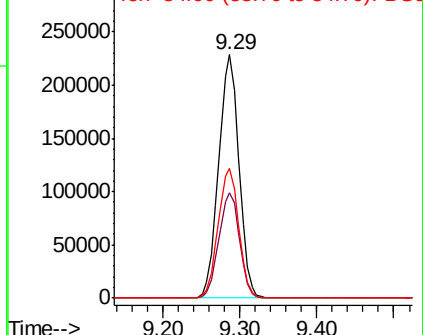
54 53.3 45.3 67.9

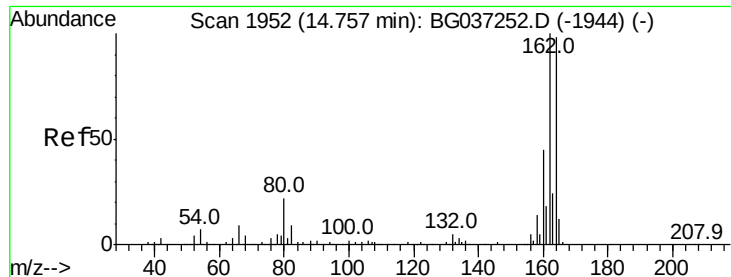


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

Instrument :

BNA_G

ClientSampleId :

101518-SIDI-E-D-S

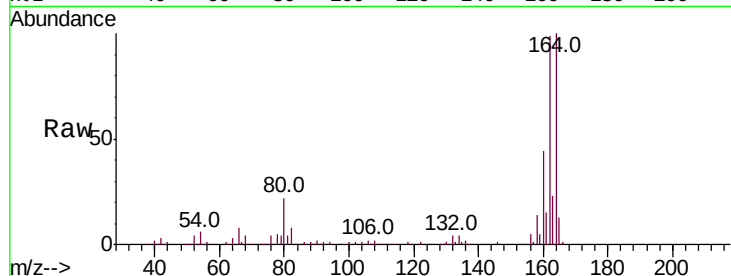
Tot Ion:164 Resp: 184513

Ion Ratio Lower Upper

164 100

162 98.7 81.3 121.9

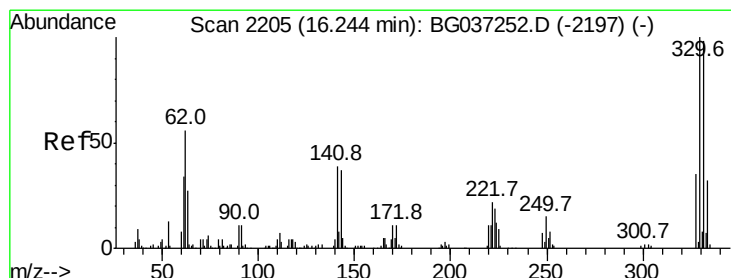
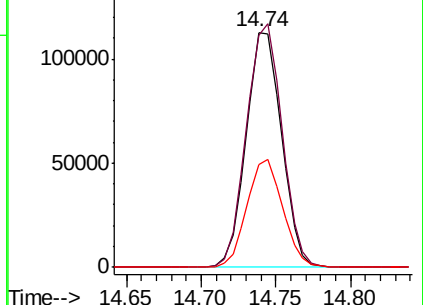
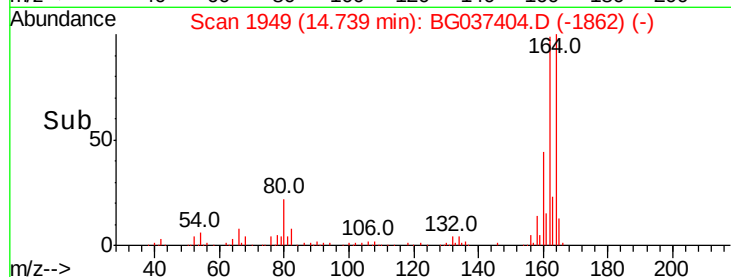
160 43.8 36.3 54.5



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: 96.581 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037404.D

Acq: 18 Oct 2018 00:01

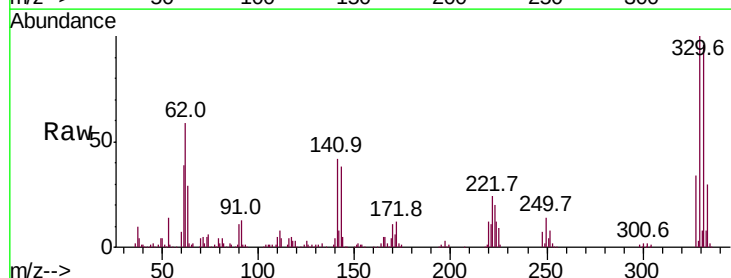
Tgt Ion:330 Resp: 174768

Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

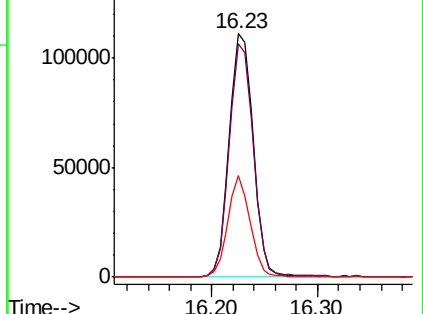
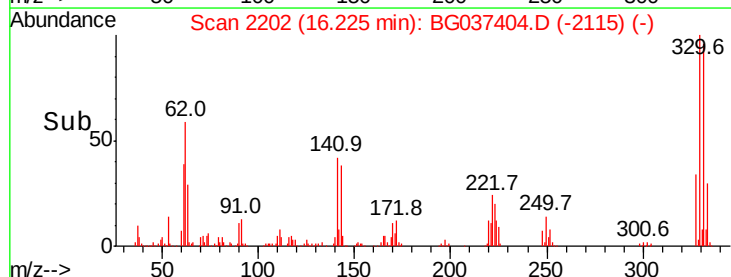
141 38.5 32.2 48.2

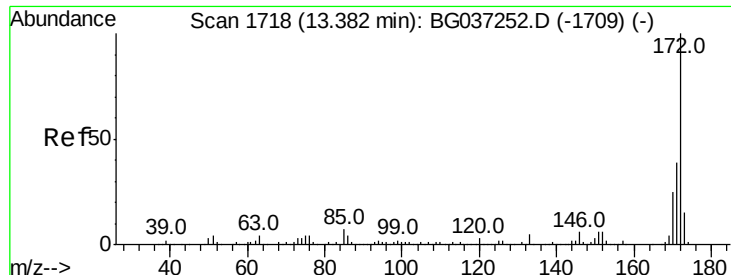


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

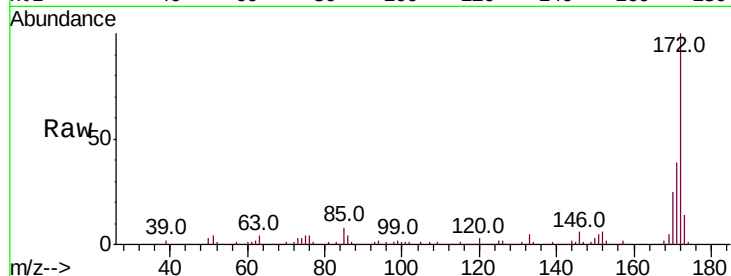




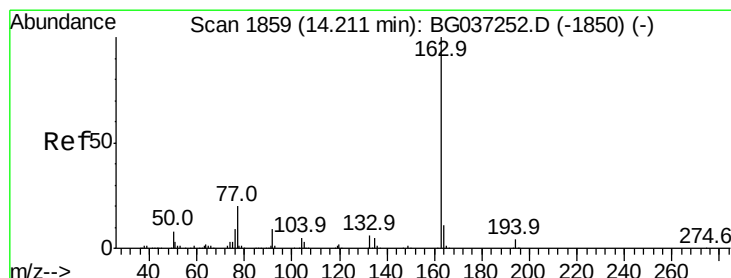
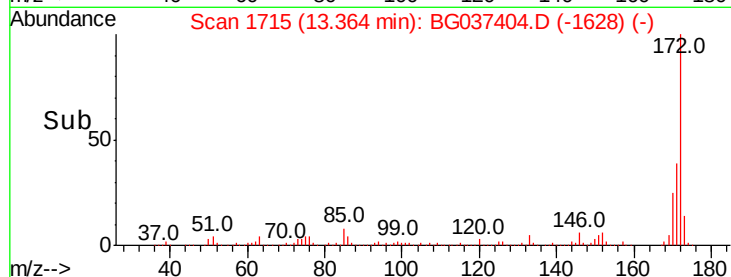
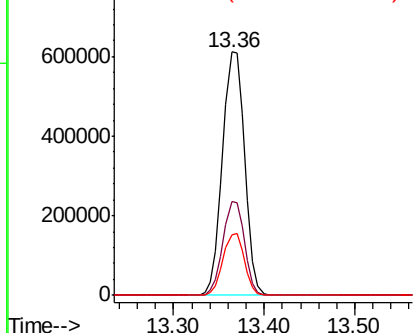
#45
2-Fluorobiphenyl
Concen: 84.824 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tot Ion:172 Resp: 1042177
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 25.0 20.2 30.2

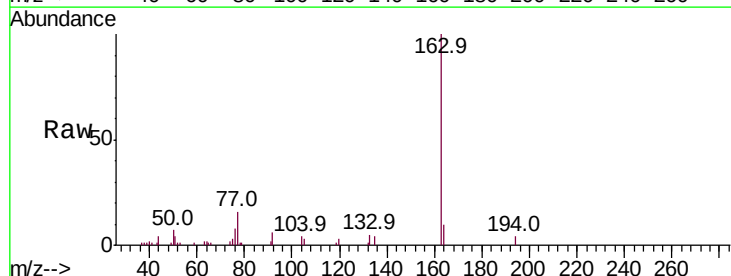


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

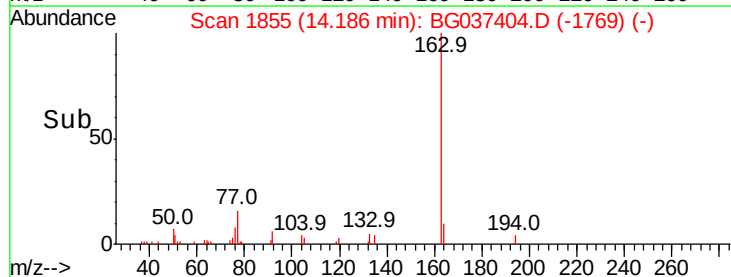
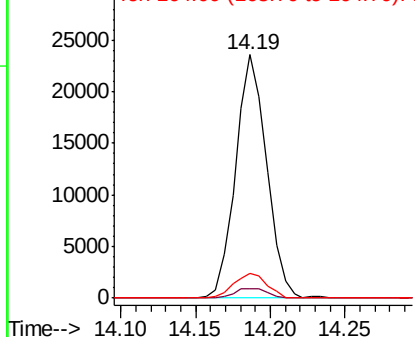


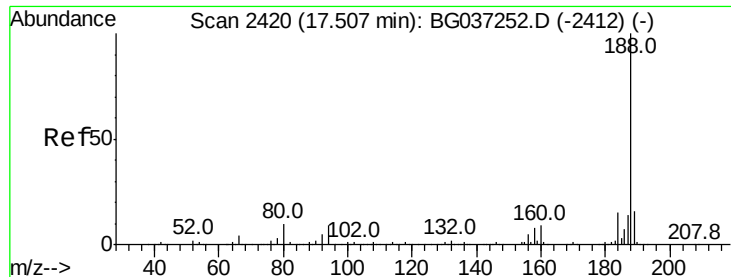
#50
Dimethylphthalate
Concen: 2.338 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion:163 Resp: 33897
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

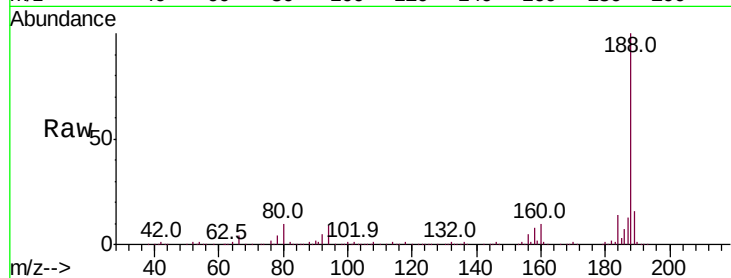




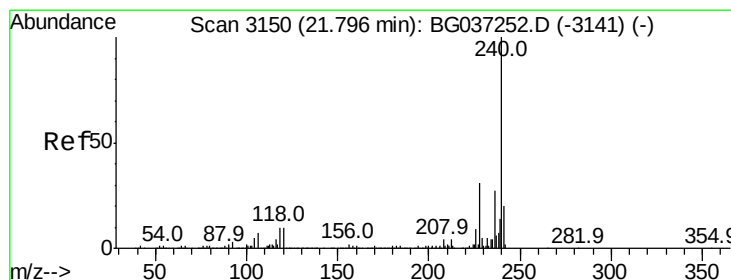
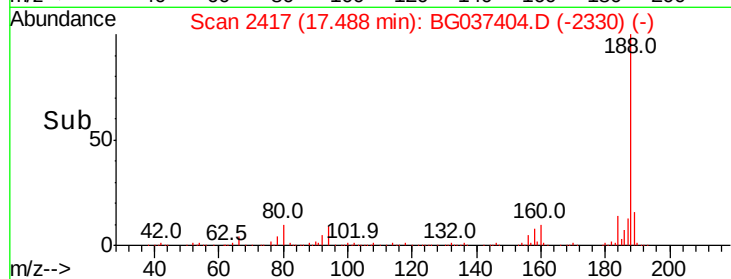
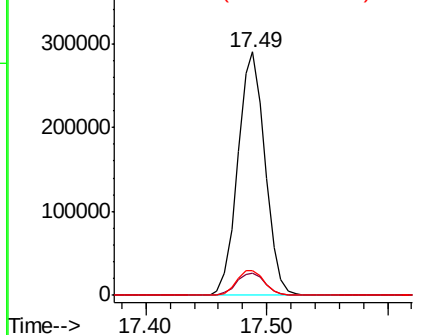
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Instrument :
BNA_G
ClientSampleId :
101518-SIDI-E-D-S

Tot Ion:188 Resp: 456117
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 7.7 11.5

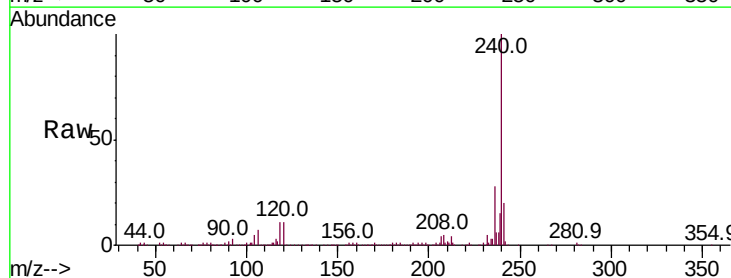


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

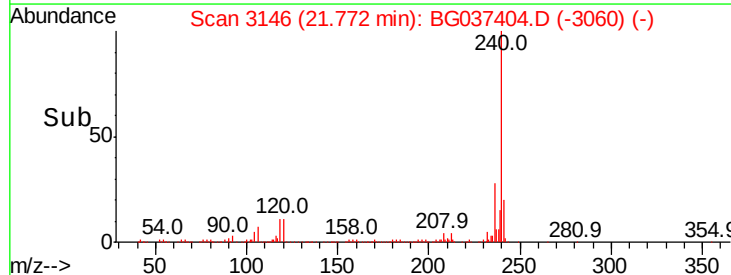
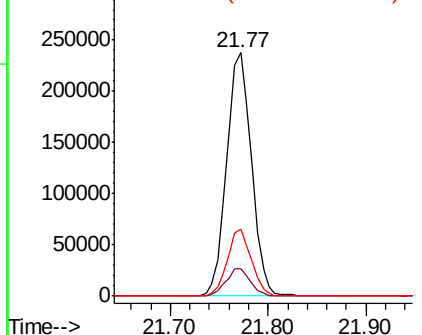


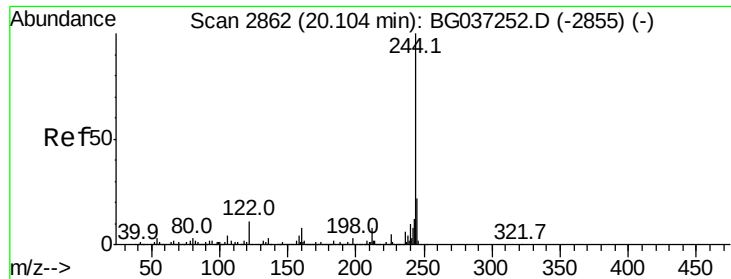
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037404.D
Acq: 18 Oct 2018 00:01

Tgt Ion:240 Resp: 421357
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 27.7 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



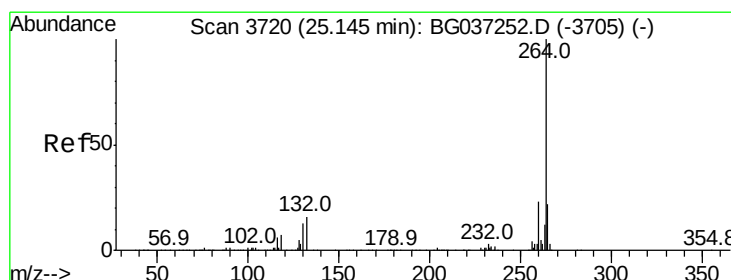
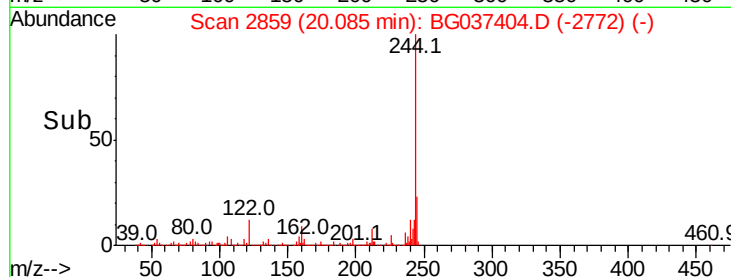
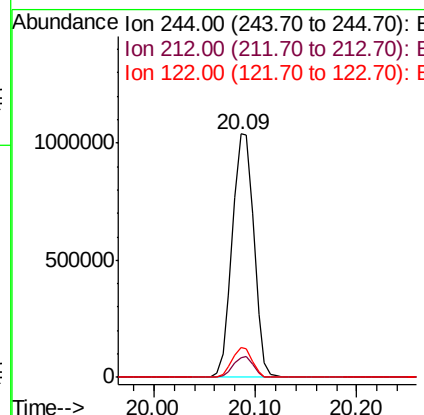
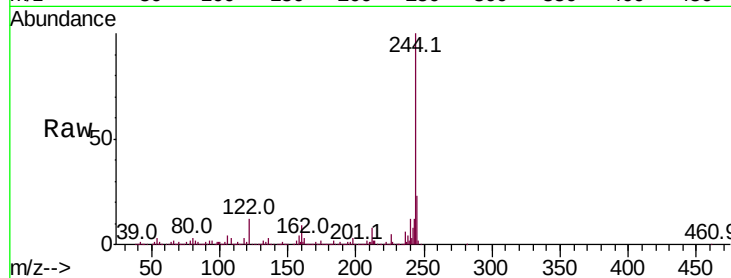


#79
 Terphenyl-d14
 Concen: 77.050 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.02 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

Instrument :
 BNA_G
 ClientSampleId :
 101518-SIDI-E-D-S

Tot Ion:244 Resp: 1546172

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	12.4	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.04 min
 Lab File: BG037404.D
 Acq: 18 Oct 2018 00:01

Tgt Ion:264 Resp: 421810

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	21.2	17.9	26.9

