

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037590.D
 Acq On : 26 Oct 2018 21:07
 Operator : JU/SJ
 Sample : J5662-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102318-DBRI-F-D-B

Quant Time: Oct 27 04:01:10 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

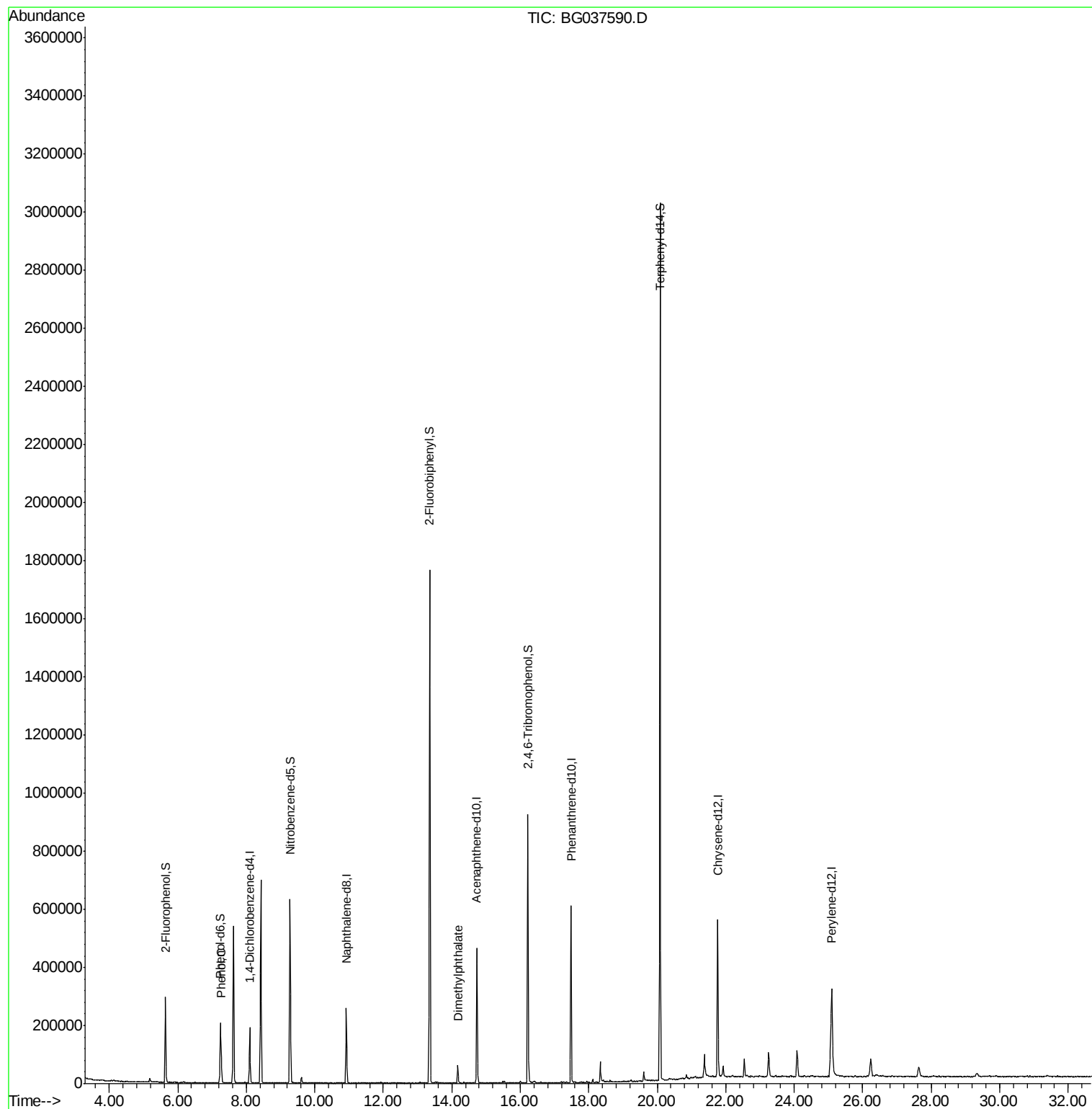
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55092	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	232657	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	158762	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	387266	20.00	ng	0.00
76) Chrysene-d12	21.77	240	350415	20.00	ng	0.00
87) Perylene-d12	25.10	264	343897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	138804	42.12	ng	0.00
7) Phenol-d6	7.24	99	128657	25.82	ng	0.00
23) Nitrobenzene-d5	9.28	82	400465	96.42	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	164700	95.11	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	955639	90.77	ng	0.00
79) Terphenyl-d14	20.08	244	1438804	87.74	ng	0.00
Target Compounds						
10) Phenol	7.27	94	68146	12.962	ng	97
50) Dimethylphthalate	14.18	163	46602	3.794	ng	97

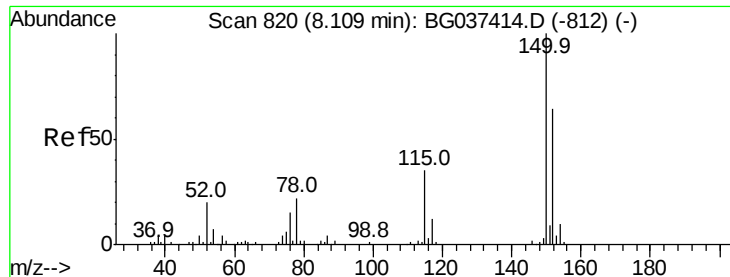
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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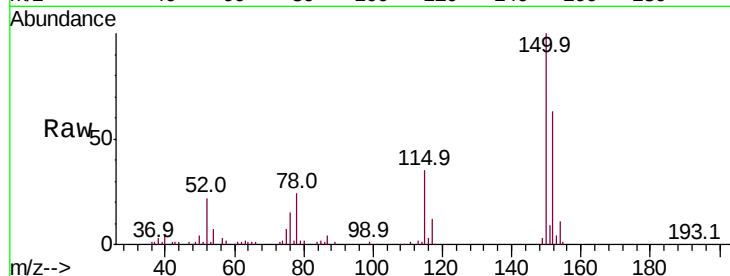


#1

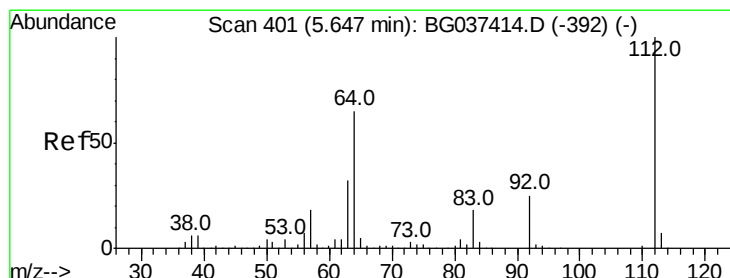
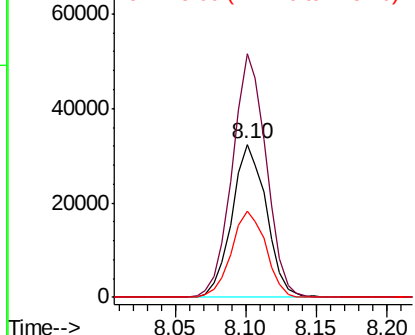
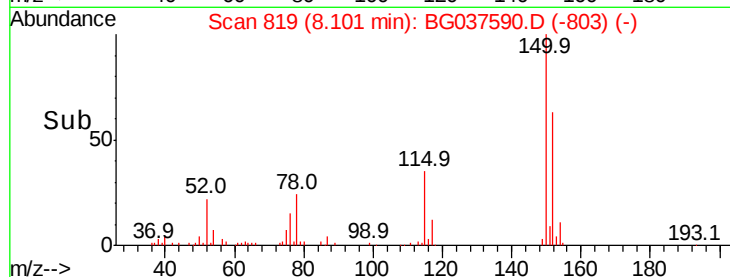
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037590.D
 Acq: 26 Oct 2018 21:07

Instrument :
 BNA_G
 ClientSampleId :
 102318-DBRI-F-D-B

Tot Ion:152 Resp: 55092
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.0 189.0
 115 56.0 45.5 68.3



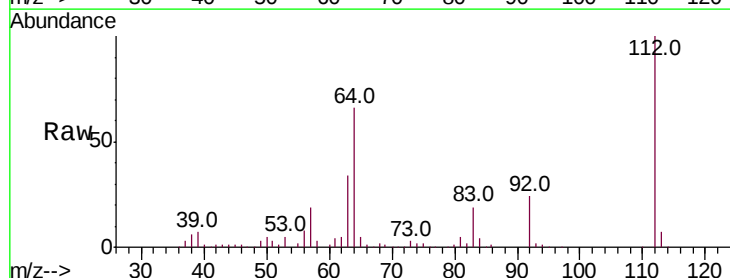
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



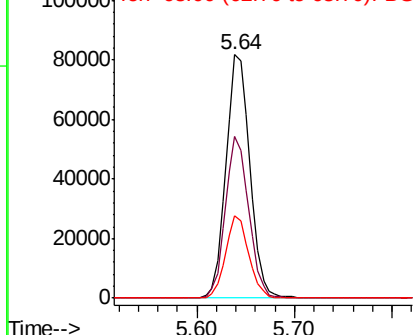
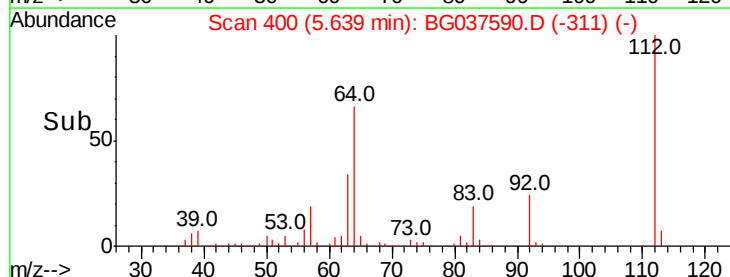
#5

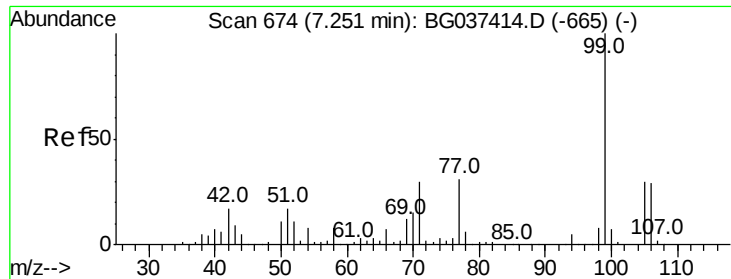
2-Fluorophenol
 Concen: 42.122 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037590.D
 Acq: 26 Oct 2018 21:07

Tgt Ion:112 Resp: 138804
 Ion Ratio Lower Upper
 112 100
 64 66.3 53.1 79.7
 63 33.6 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: 25.820 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

Instrument :

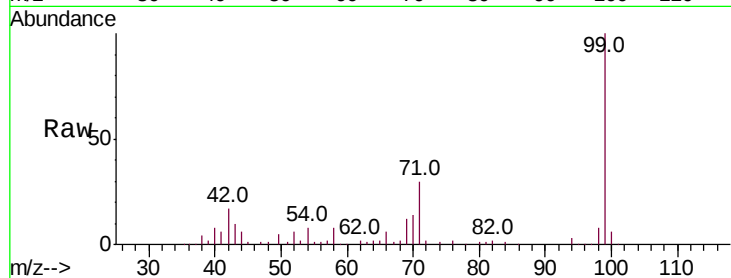
BNA_G

ClientSampleId :

102318-DBRI-F-D-B

Tot Ion: 99 Resp: 128657

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.0	22.4
71	29.8	25.5	38.3

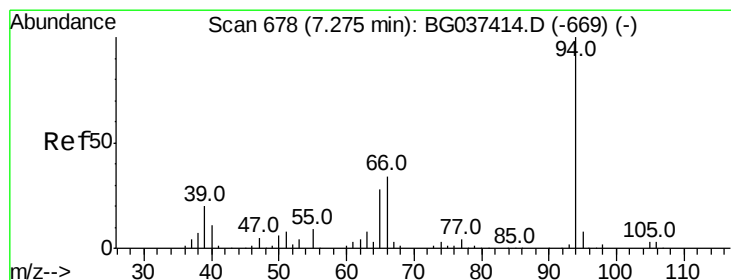
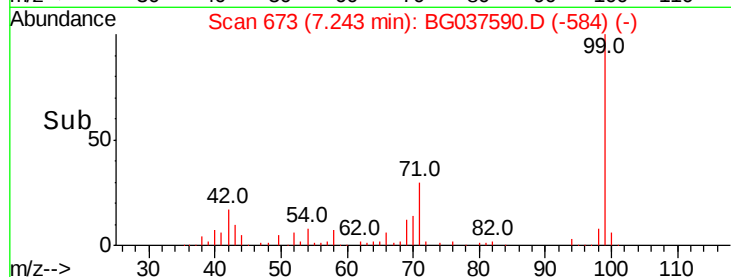
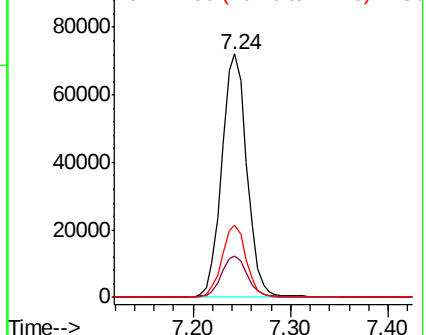


Abundance

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: 12.962 ng

RT: 7.27 min Scan# 677

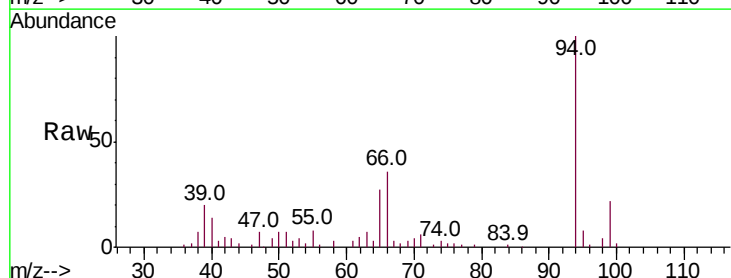
Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

Tgt Ion: 94 Resp: 68146

Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.7	49.7
66	35.7	15.9	55.9

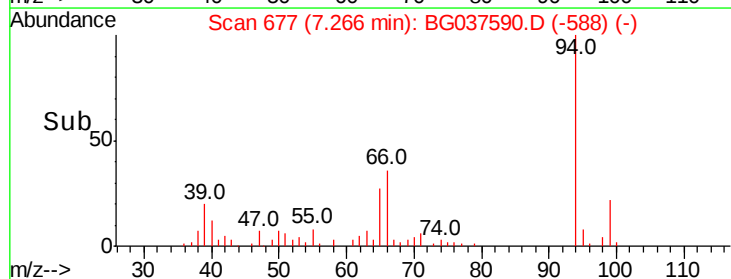
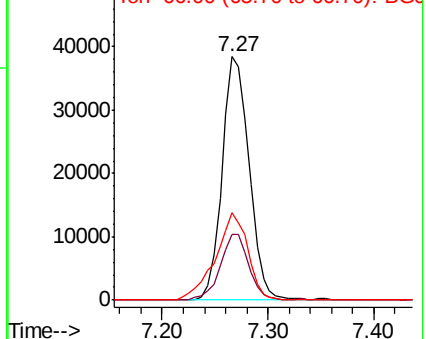


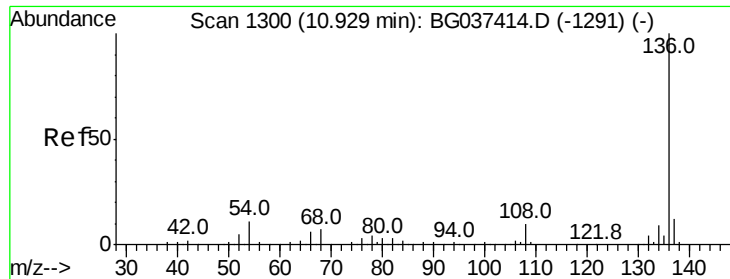
Abundance

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

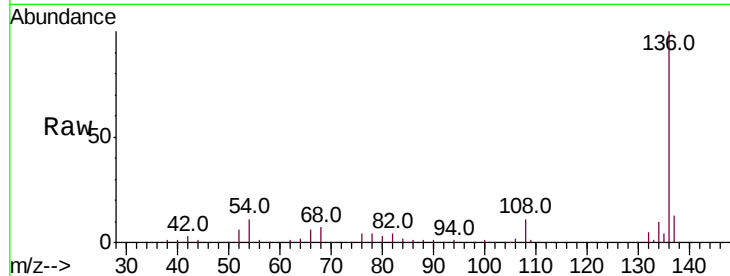




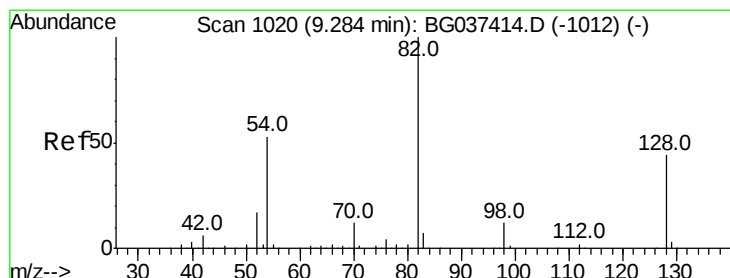
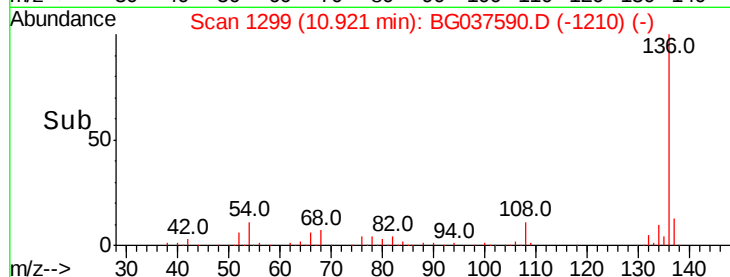
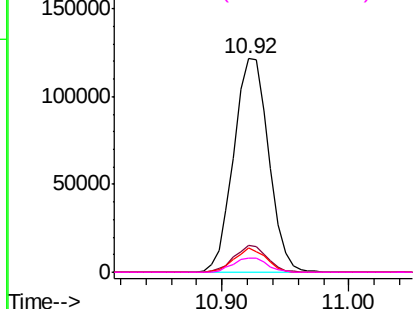
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Instrument :
BNA_G
ClientSampleId :
102318-DBRI-F-D-B

Tot Ion:	136	Resp:	232657
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.6	14.4
54	11.9	7.9	11.9
68	6.6	4.8	7.2

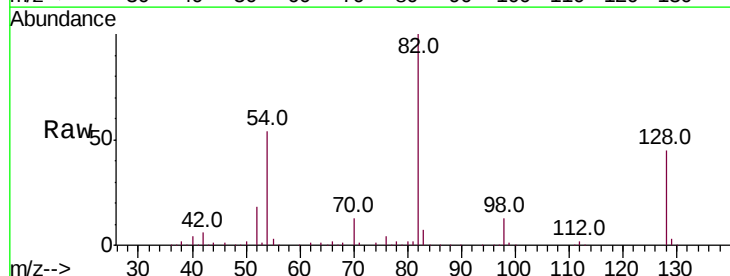


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

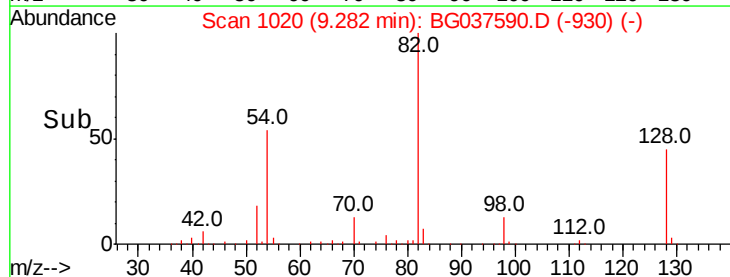
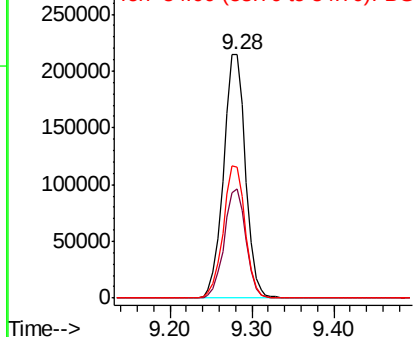


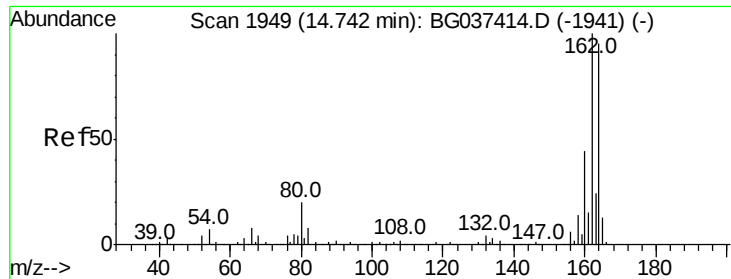
#23
Nitrobenzene-d5
Concen: 96.424 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion:	82	Resp:	400465
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	53.9	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: BG037590.D

Acq: 26 Oct 2018 21:07

Instrument :

BNA_G

ClientSampleId :

102318-DBRI-F-D-B

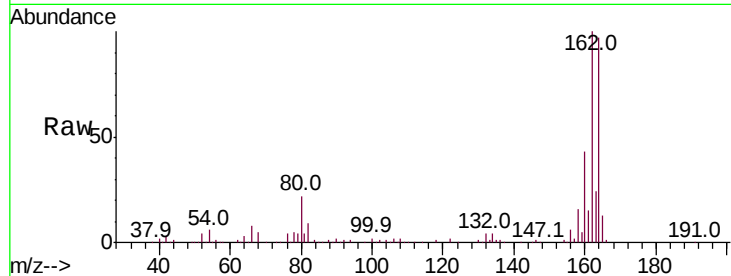
Tot Ion:164 Resp: 158762

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

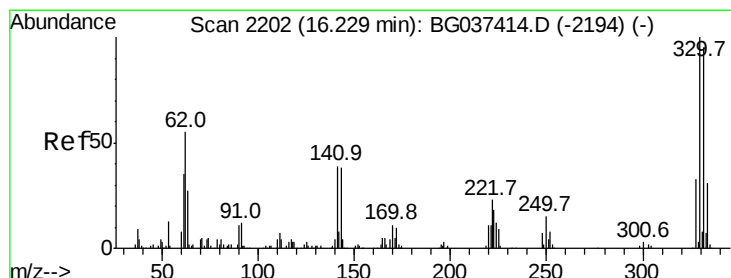
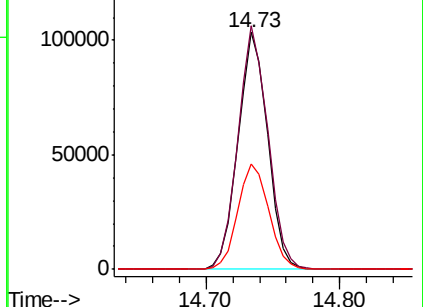
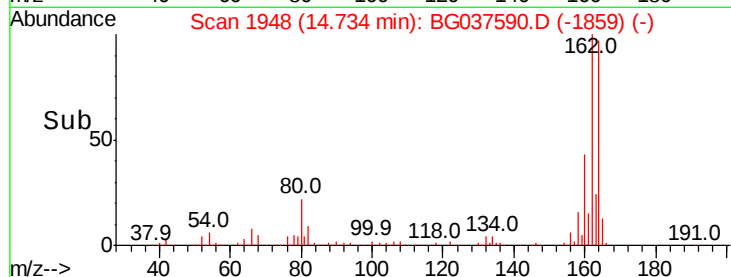
160 44.4 36.3 54.5



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: 95.114 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

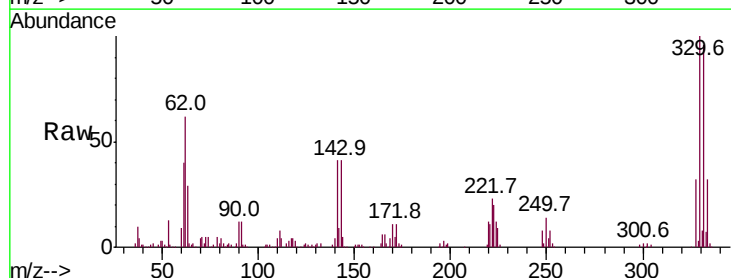
Tgt Ion:330 Resp: 164700

Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

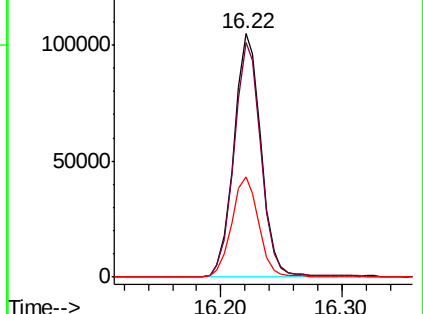
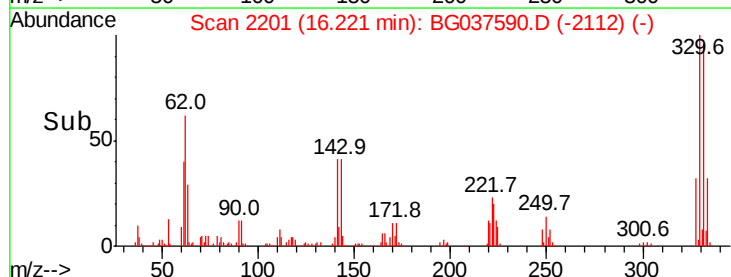
141 41.0 32.2 48.2

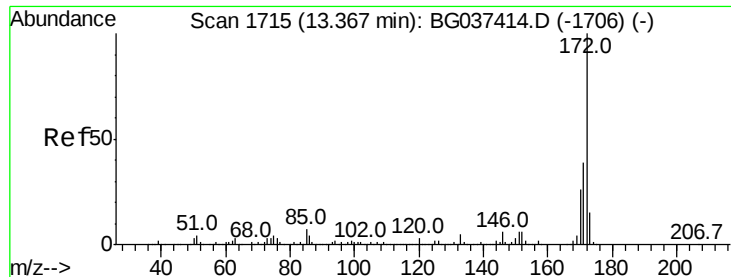


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

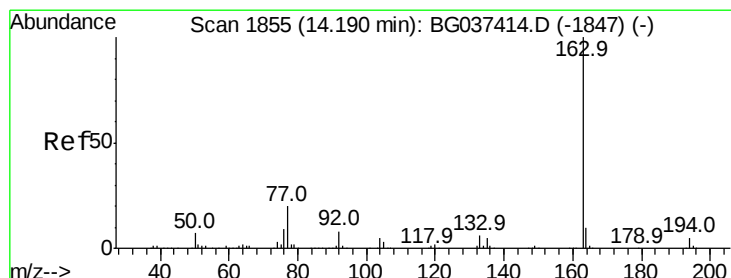
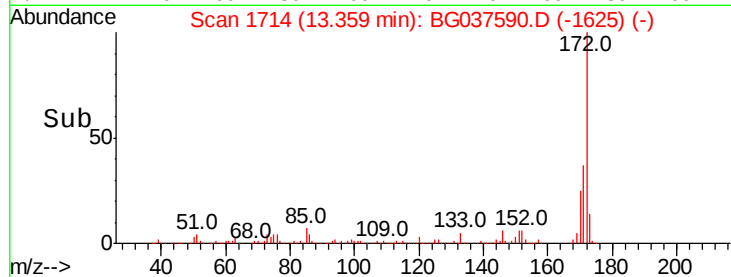
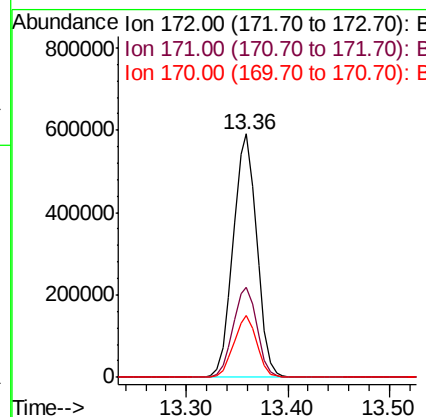
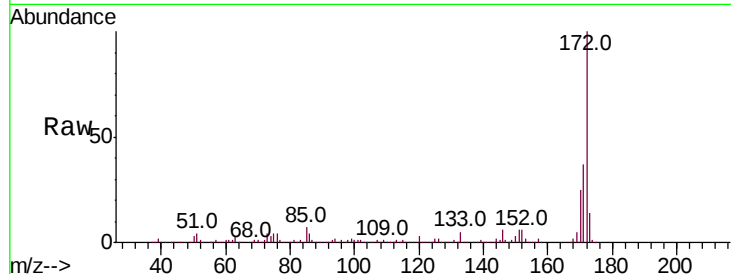




#45
2-Fluorobiphenyl
Concen: 90.768 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

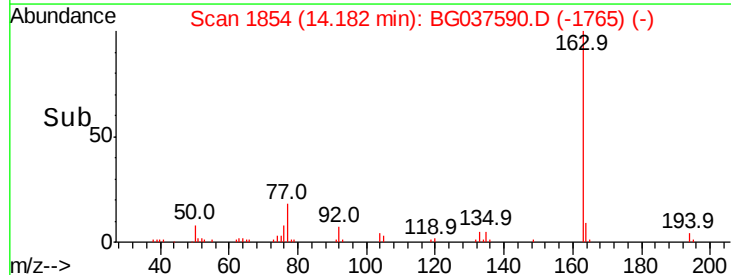
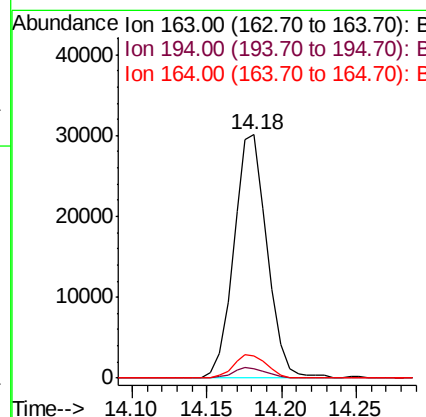
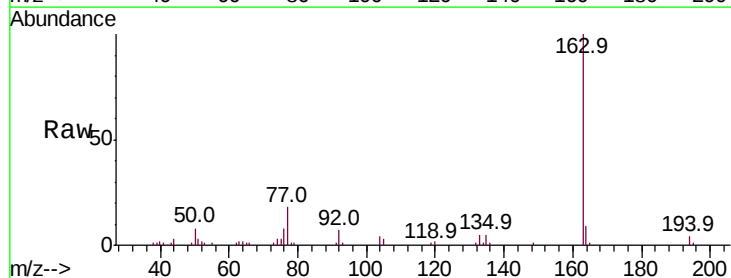
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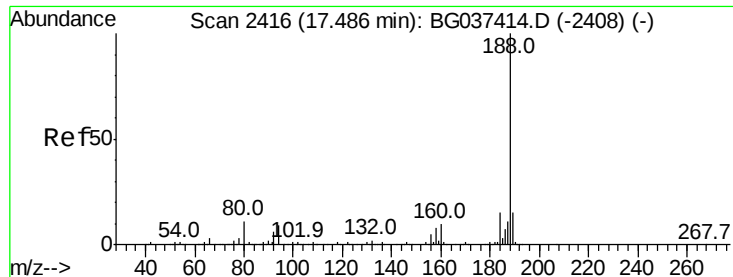
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	25.1	20.2	30.2



#50
Dimethylphthalate
Concen: 3.794 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037590.D
Acq: 26 Oct 2018 21:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.1	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: BG037590.D

Acq: 26 Oct 2018 21:07

Instrument :

BNA_G

ClientSampleId :

102318-DBRI-F-D-B

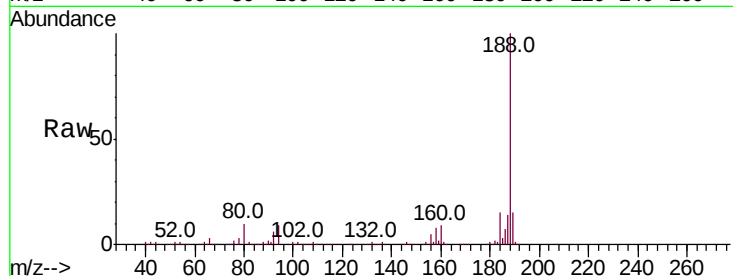
Tot Ion:188 Resp: 387266

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

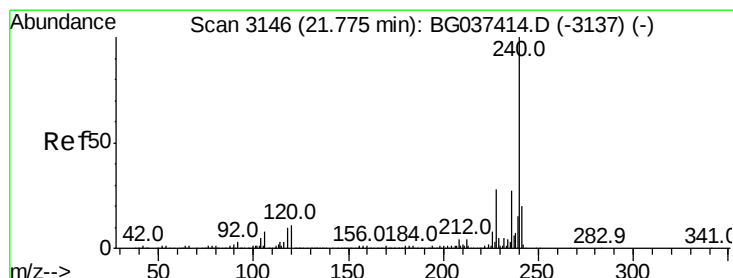
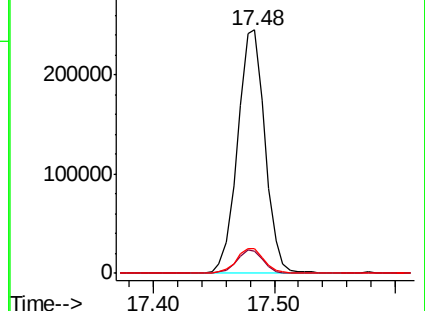
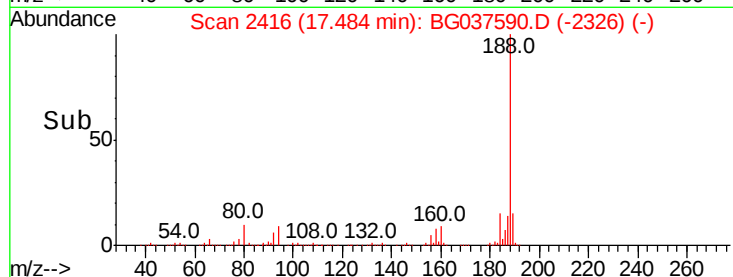
80 10.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG037590.D (-3056) (-)

Ion 80.00 (79.70 to 80.70): BG037590.D (-3056) (-)



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

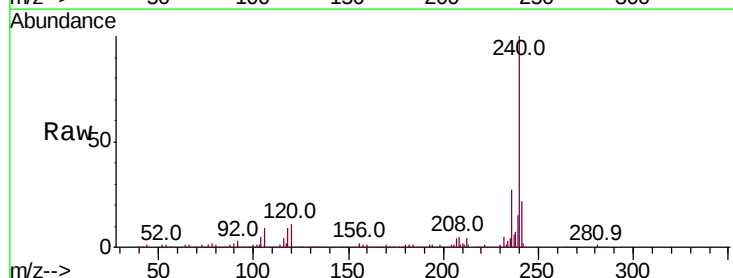
Tgt Ion:240 Resp: 350415

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

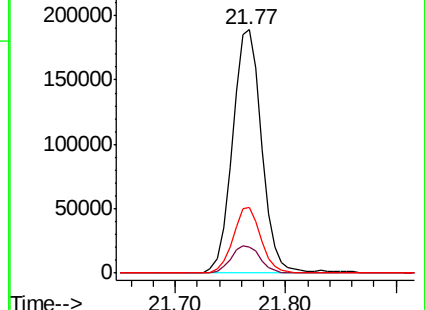
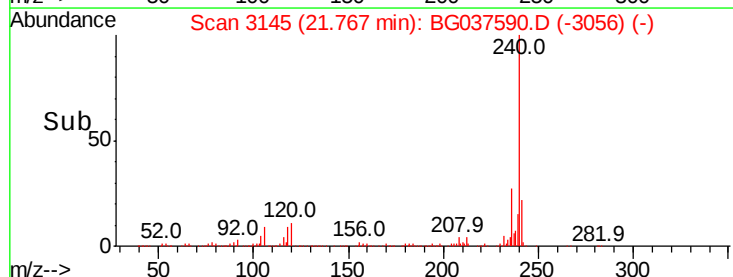
236 27.1 21.4 32.0

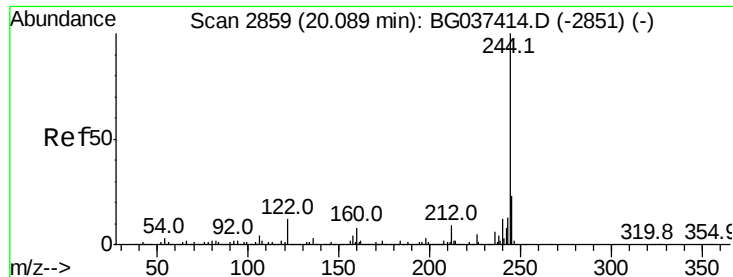


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.736 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

Instrument :

BNA_G

ClientSampleId :

102318-DBRI-F-D-B

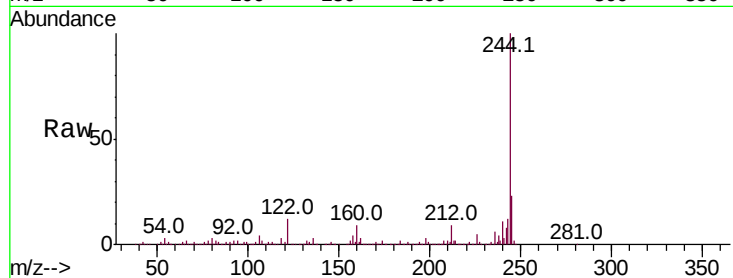
Tot Ion:244 Resp: 1438804

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

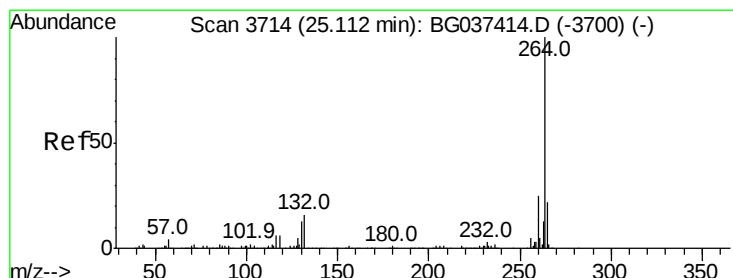
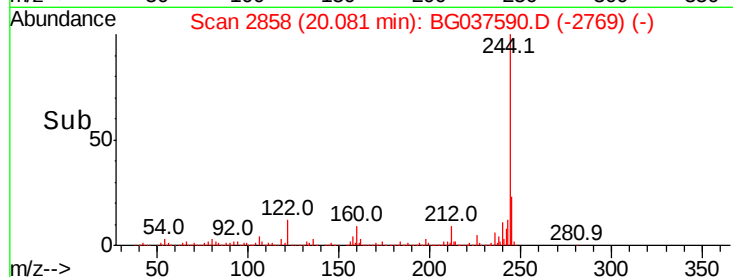
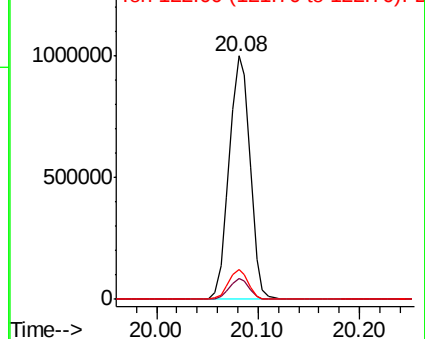
122 12.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037590.D

Acq: 26 Oct 2018 21:07

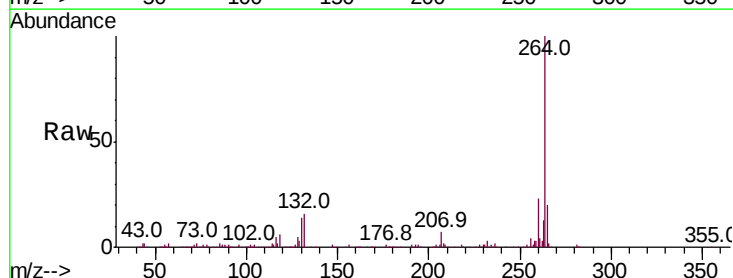
Tgt Ion:264 Resp: 343897

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 19.7 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

