

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037675.D
 Acq On : 31 Oct 2018 5:43
 Operator : JU/SJ
 Sample : J5722-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102618-SIDI-F-D-S

Quant Time: Oct 31 09:28:59 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

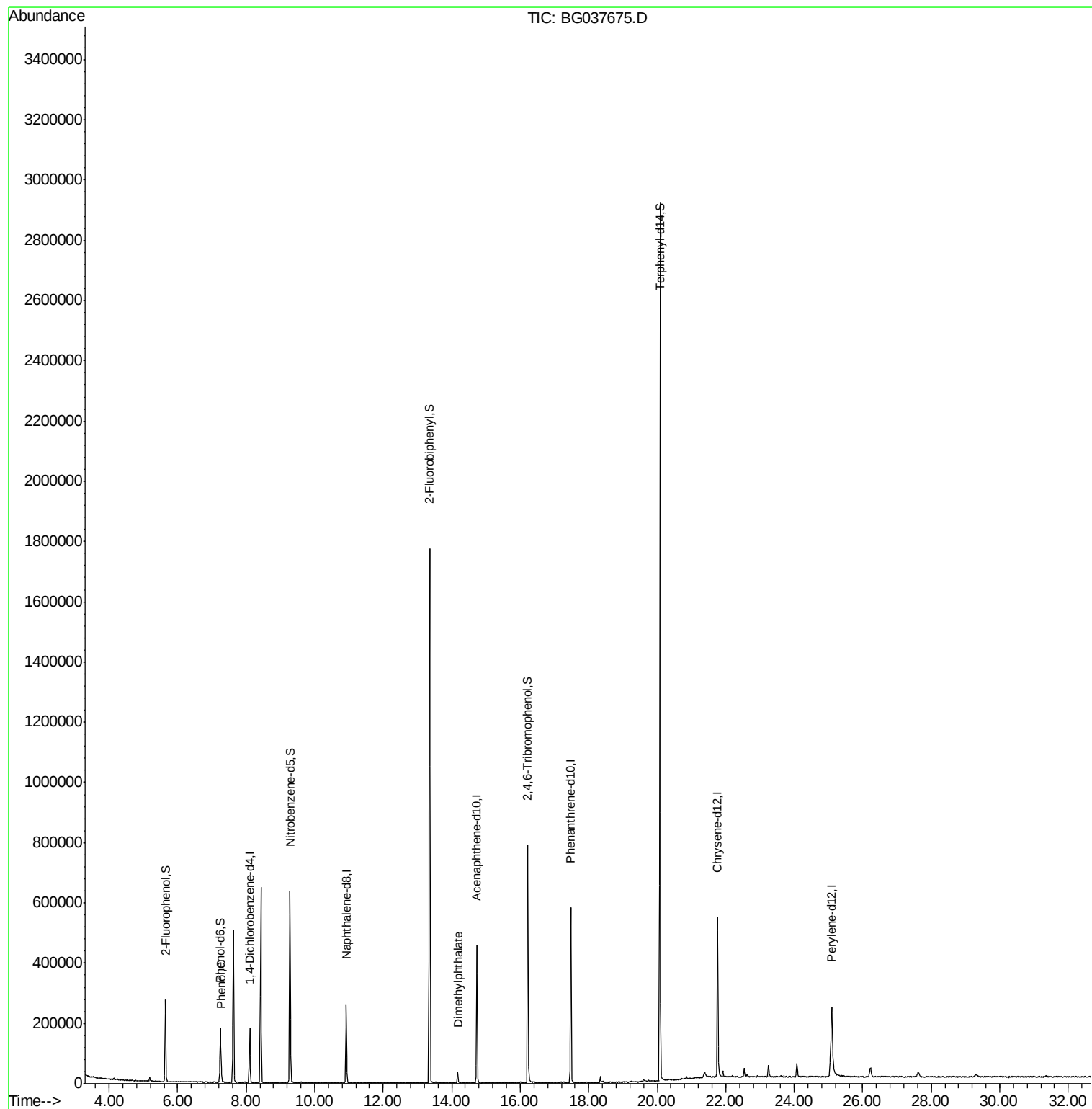
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53268	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	237720	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	165972	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	374724	20.00	ng	0.00
76) Chrysene-d12	21.76	240	335391	20.00	ng	-0.01
87) Perylene-d12	25.10	264	311016	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	127968	40.16	ng	0.00
7) Phenol-d6	7.24	99	118963	24.69	ng	-0.01
23) Nitrobenzene-d5	9.28	82	401078	94.51	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	149163	82.40	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	959389	87.17	ng	-0.01
79) Terphenyl-d14	20.08	244	1407631	89.68	ng	0.00
Target Compounds						
10) Phenol	7.27	94	40646	7.996	ng	98
50) Dimethylphthalate	14.18	163	28495	2.219	ng	# 94

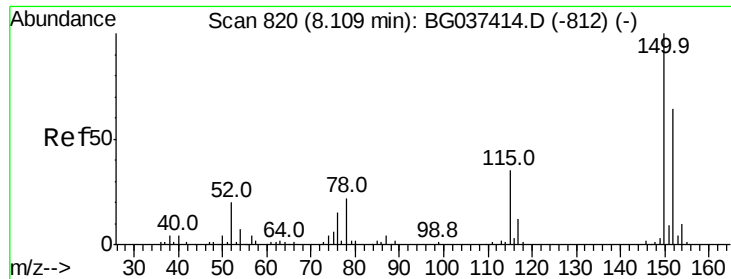
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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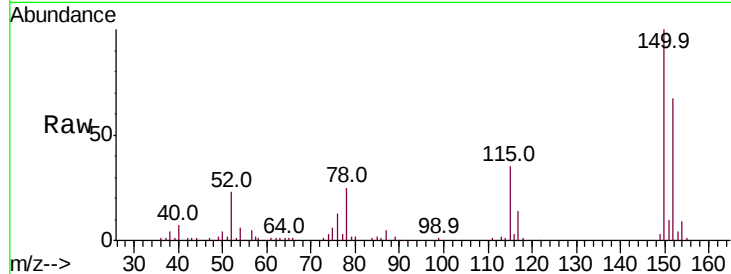


#1

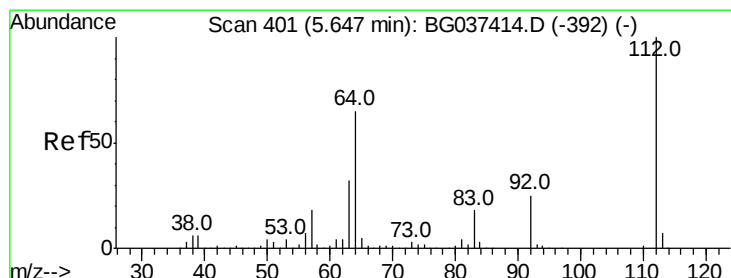
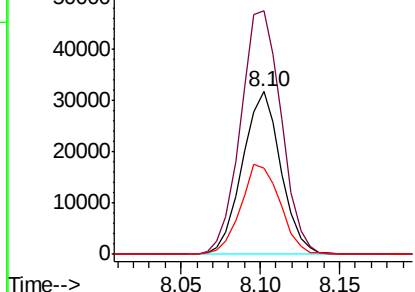
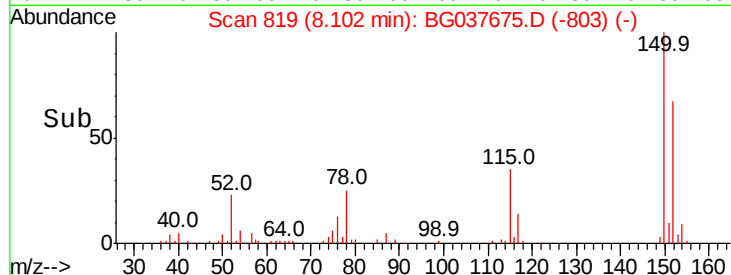
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037675.D
Acq: 31 Oct 2018 5:43

Instrument :
BNA_G
ClientSampleId :
102618-SIDI-F-D-S

Tot Ion:152 Resp: 53268
Ion Ratio Lower Upper
152 100
150 149.9 126.0 189.0
115 52.8 45.5 68.3



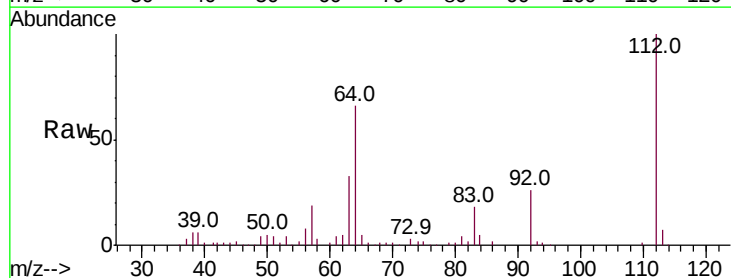
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



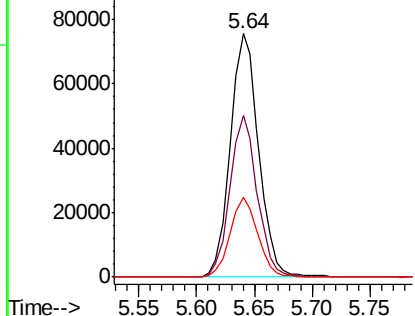
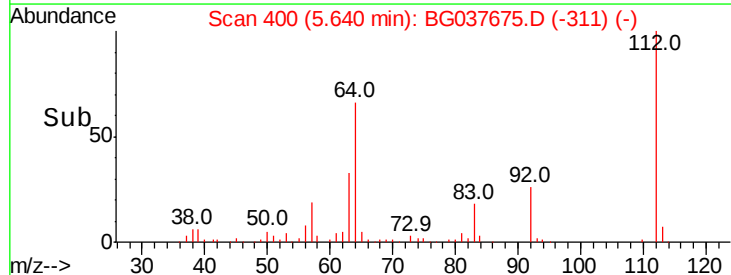
#5

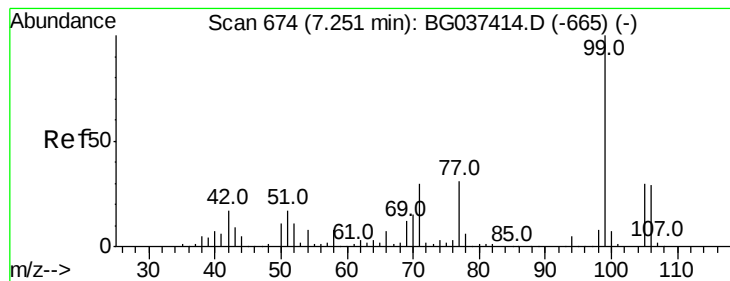
2-Fluorophenol
Concen: 40.164 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037675.D
Acq: 31 Oct 2018 5:43

Tgt Ion:112 Resp: 127968
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 33.0 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: 24.692 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037675.D

Acq: 31 Oct 2018 5:43

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-D-S

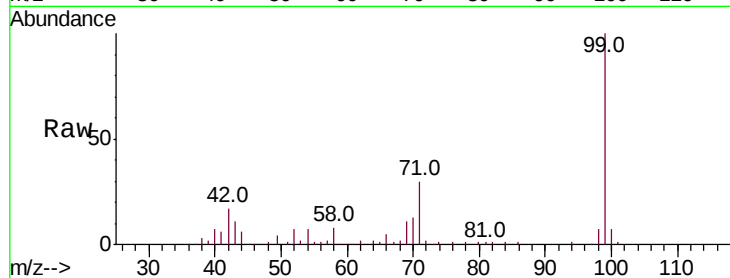
Tot Ion: 99 Resp: 118963

Ion Ratio Lower Upper

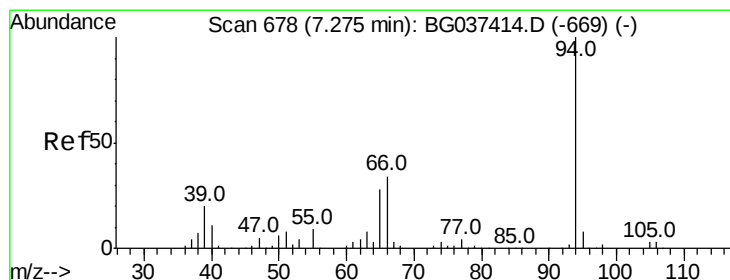
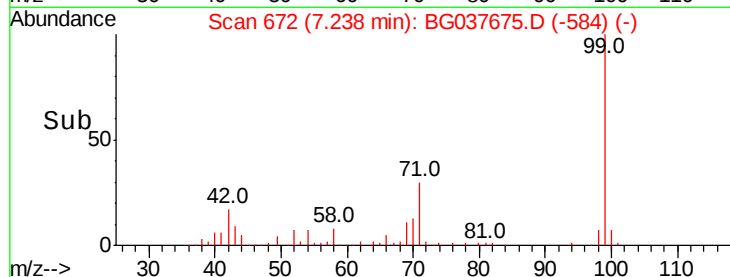
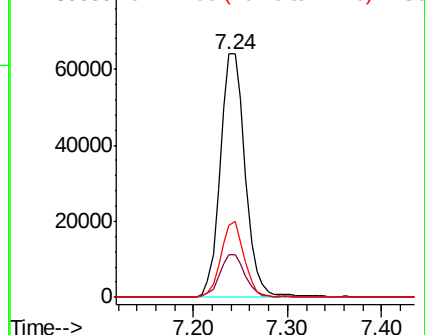
99 100

42 17.4 15.0 22.4

71 29.9 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: 7.996 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037675.D

Acq: 31 Oct 2018 5:43

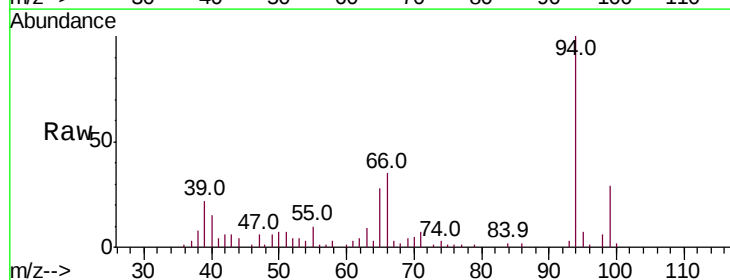
Tgt Ion: 94 Resp: 40646

Ion Ratio Lower Upper

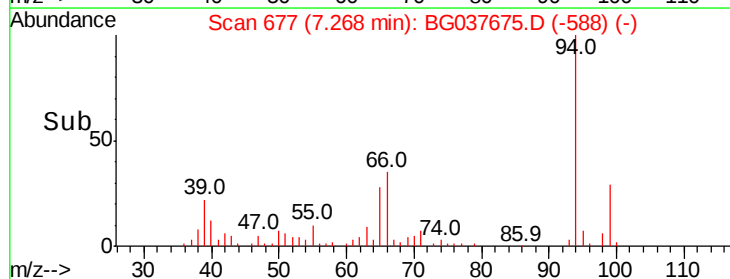
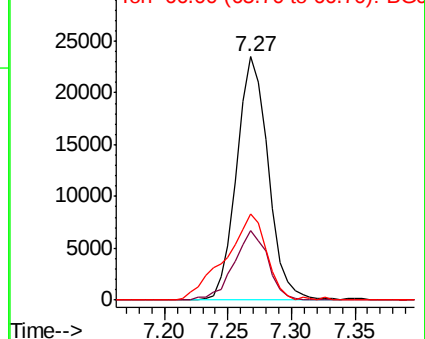
94 100

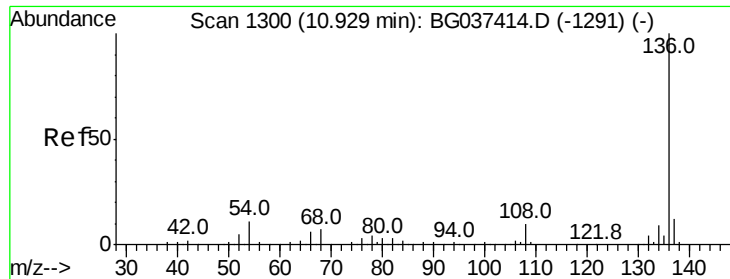
65 28.4 9.7 49.7

66 35.4 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

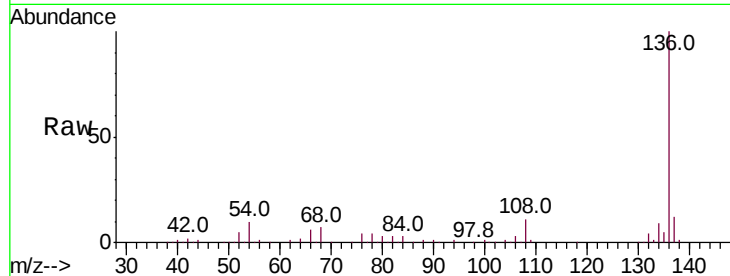




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037675.D
Acq: 31 Oct 2018 5:43

Instrument :
BNA_G
ClientSampleId :
102618-SIDI-F-D-S

Tot Ion:	136	Resp:	237720
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.9	7.9	11.9
68	7.0	4.8	7.2



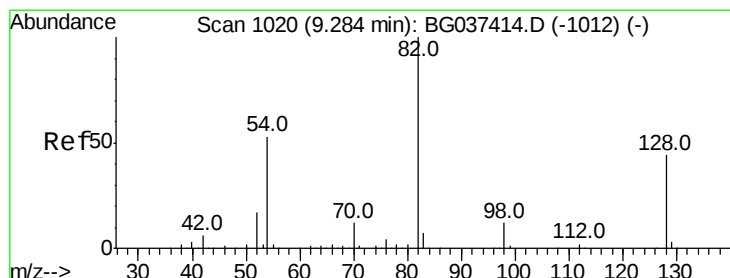
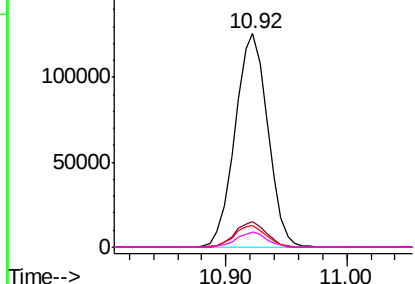
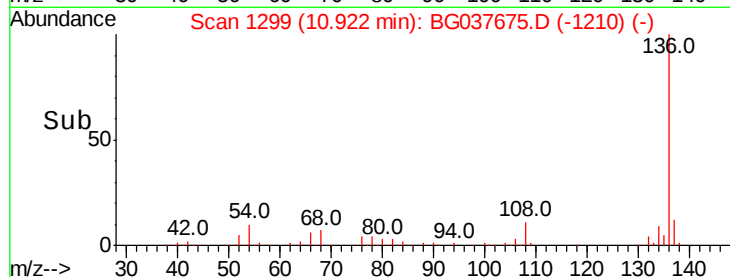
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

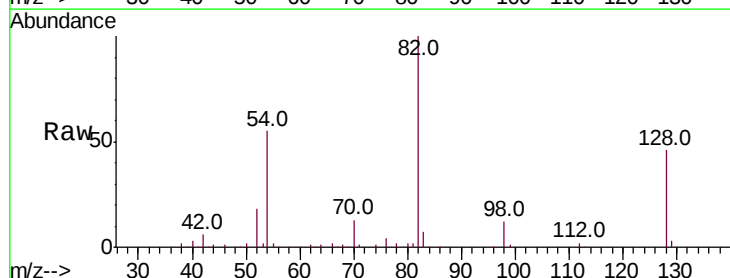
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 94.514 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037675.D
Acq: 31 Oct 2018 5:43

Tgt Ion:	82	Resp:	401078
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	54.7	45.3	67.9

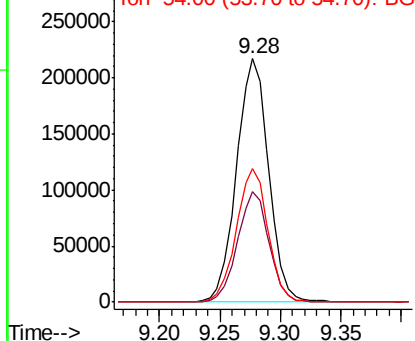
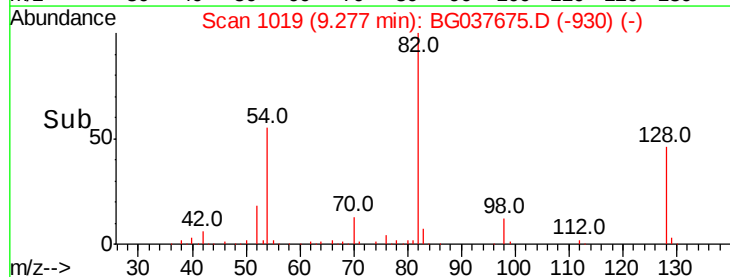


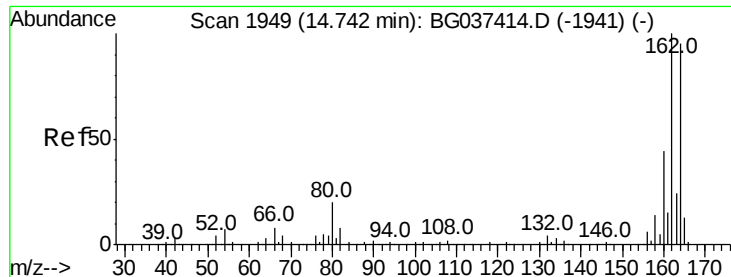
Abundance

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# 1948

Delta R.T. -0.01 min

Lab File: BG037675.D

Acq: 31 Oct 2018 5:43

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-D-S

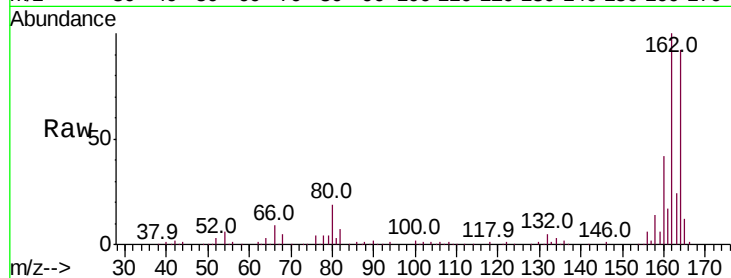
Tot Ion:164 Resp: 165972

Ion Ratio Lower Upper

164 100

162 108.6 81.3 121.9

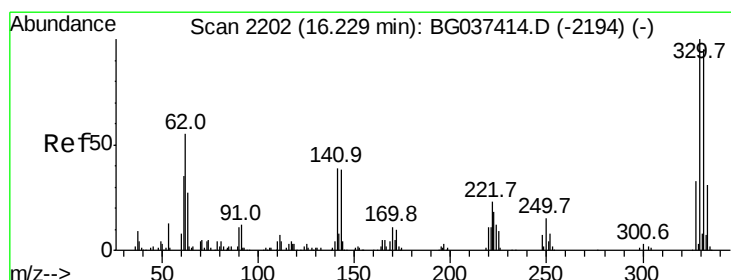
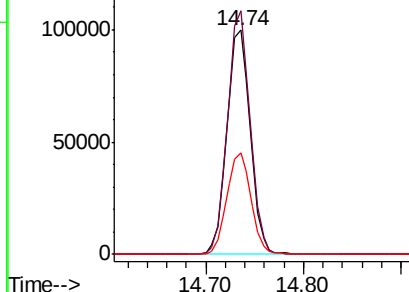
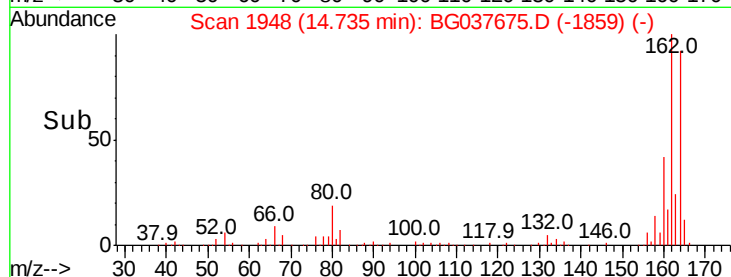
160 45.4 36.3 54.5



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: 82.400 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037675.D

Acq: 31 Oct 2018 5:43

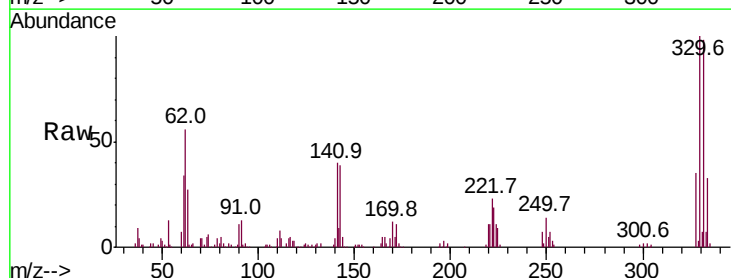
Tgt Ion:330 Resp: 149163

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

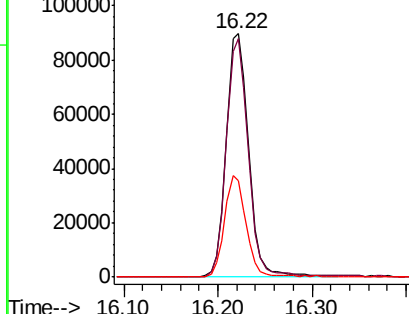
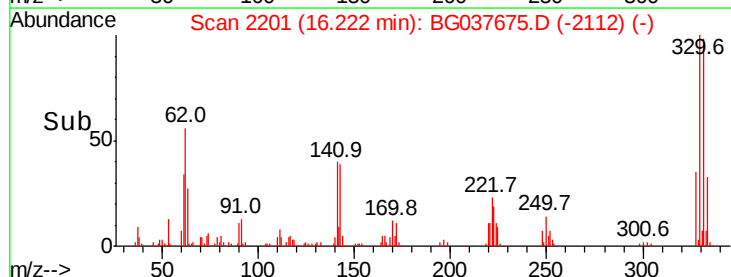
141 41.1 32.2 48.2

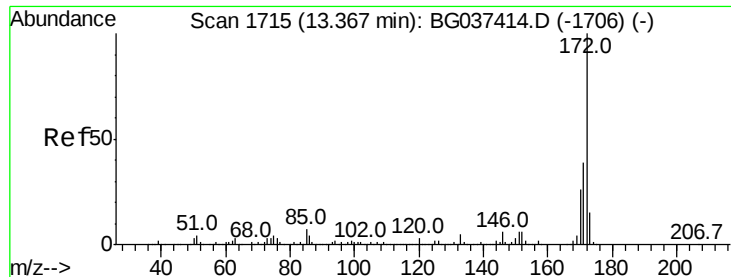


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

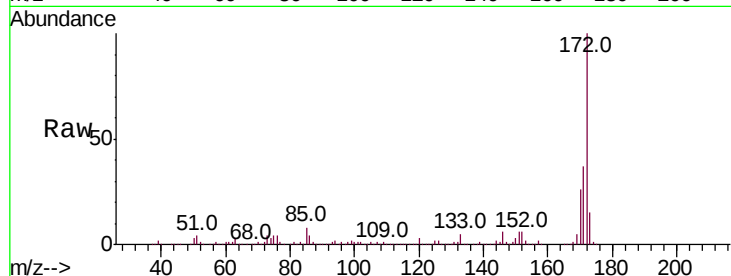




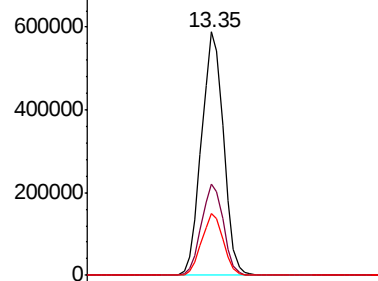
#45
 2-Fluorobiphenyl
 Concen: 87.166 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037675.D
 Acq: 31 Oct 2018 5:43

Instrument :
 BNA_G
 ClientSampleId :
 102618-SIDI-F-D-S

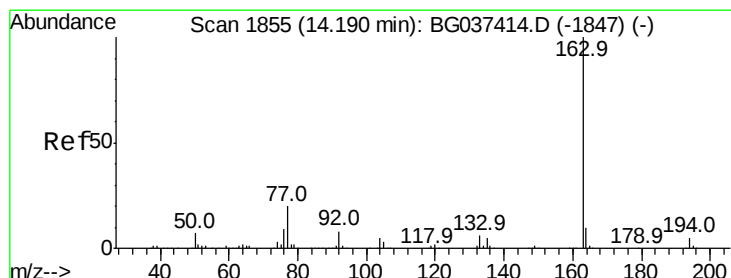
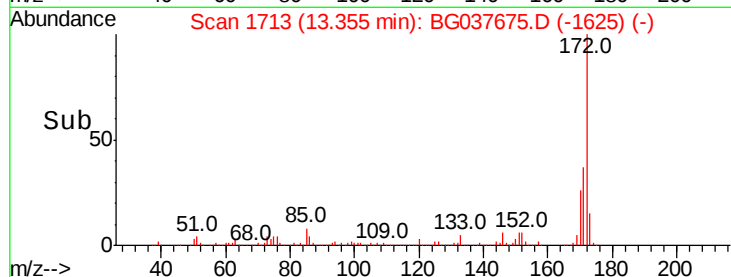
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	25.6	20.2	30.2



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

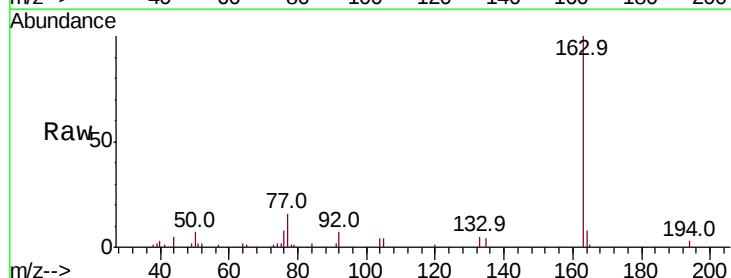


Time-->

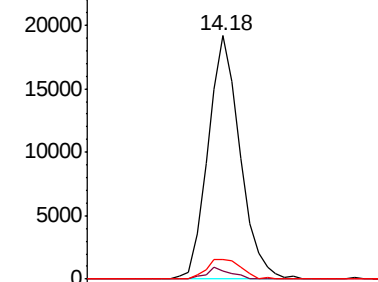


#50
 Dimethylphthalate
 Concen: 2.219 ng
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG037675.D
 Acq: 31 Oct 2018 5:43

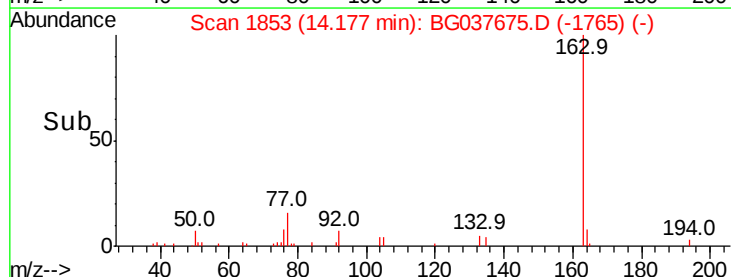
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.5	5.3#
164	7.8	8.5	12.7#

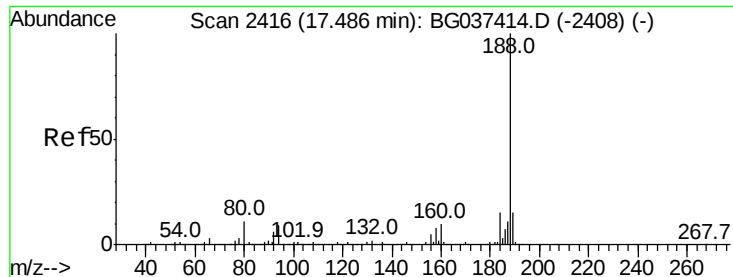


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->

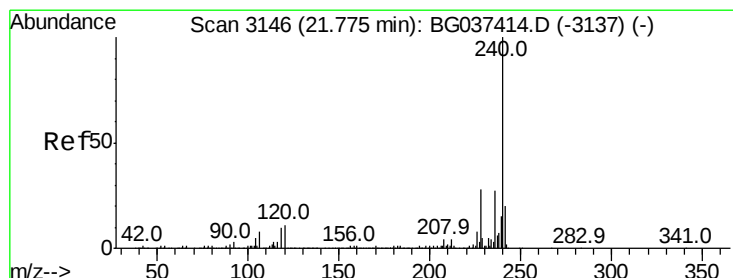
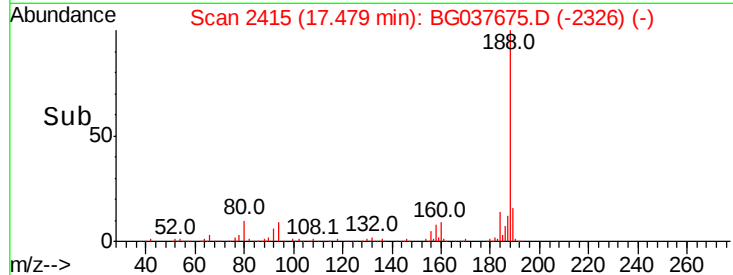
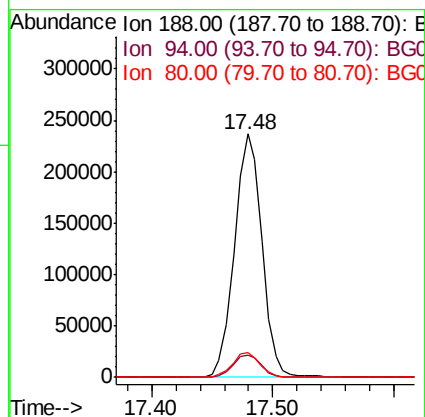
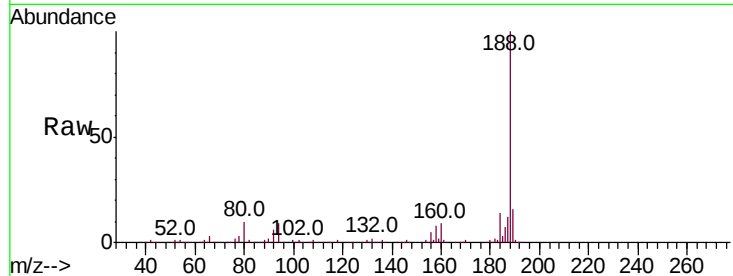




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037675.D
Acq: 31 Oct 2018 5:43

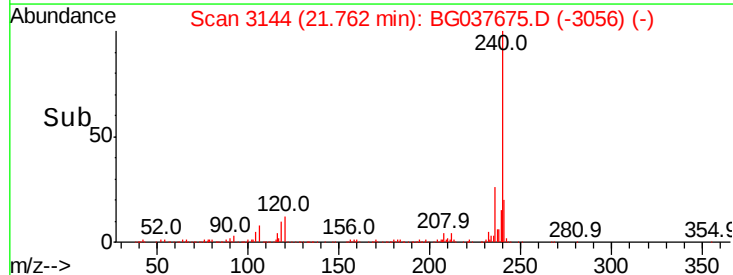
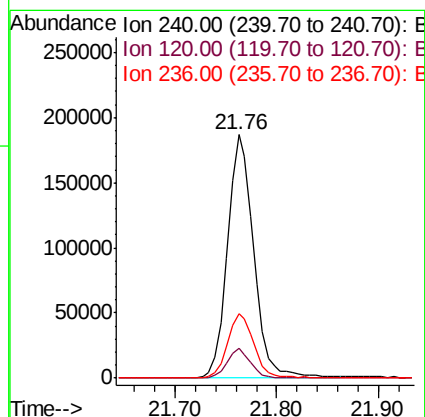
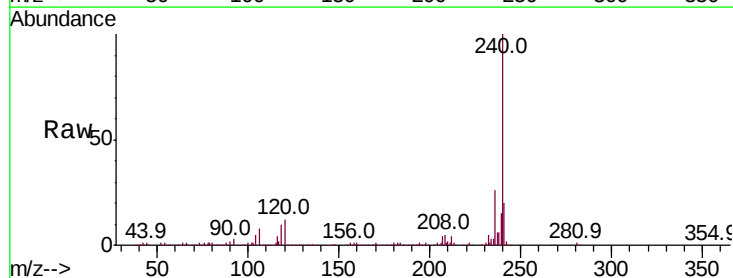
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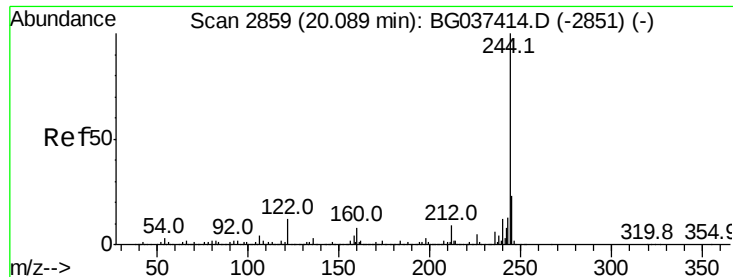
Tot Ion:188 Resp: 374724
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037675.D
Acq: 31 Oct 2018 5:43

Tgt Ion:240 Resp: 335391
Ion Ratio Lower Upper
240 100
120 12.0 8.1 12.1
236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 89.680 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037675.D

Acq: 31 Oct 2018 5:43

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-D-S

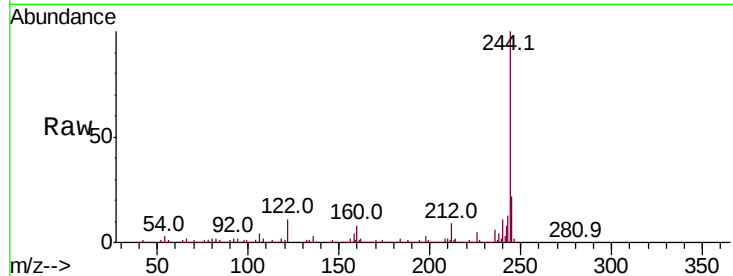
Tot Ion:244 Resp: 1407631

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

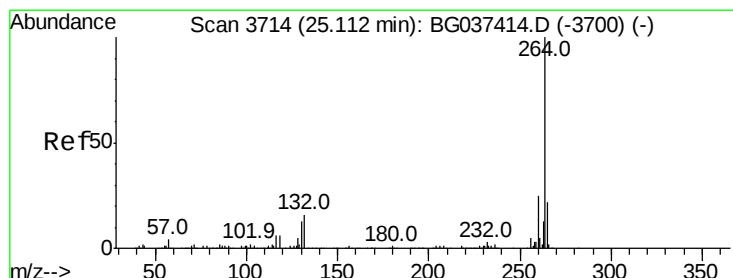
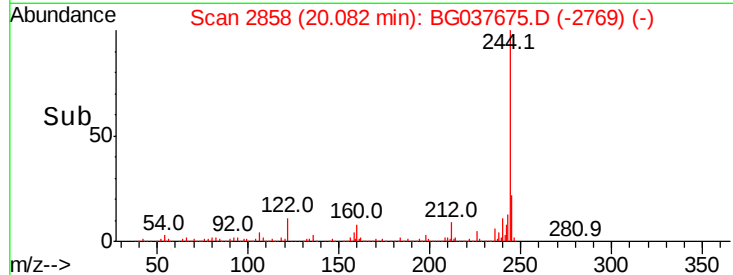
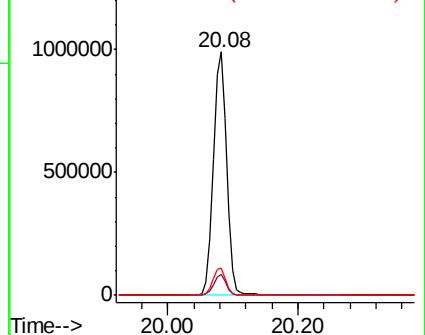
122 11.3 9.0 13.4



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# 3712

Delta R.T. -0.01 min

Lab File: BG037675.D

Acq: 31 Oct 2018 5:43

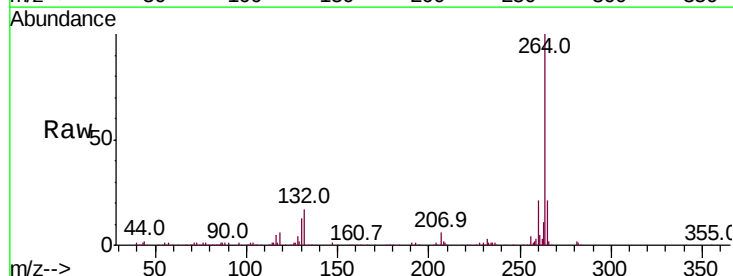
Tgt Ion:264 Resp: 311016

Ion Ratio Lower Upper

264 100

260 21.2 18.2 27.4

265 20.7 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

