

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037685.D
 Acq On : 31 Oct 2018 15:39
 Operator : JU/SJ
 Sample : J5737-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A

Quant Time: Nov 01 06:49:40 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

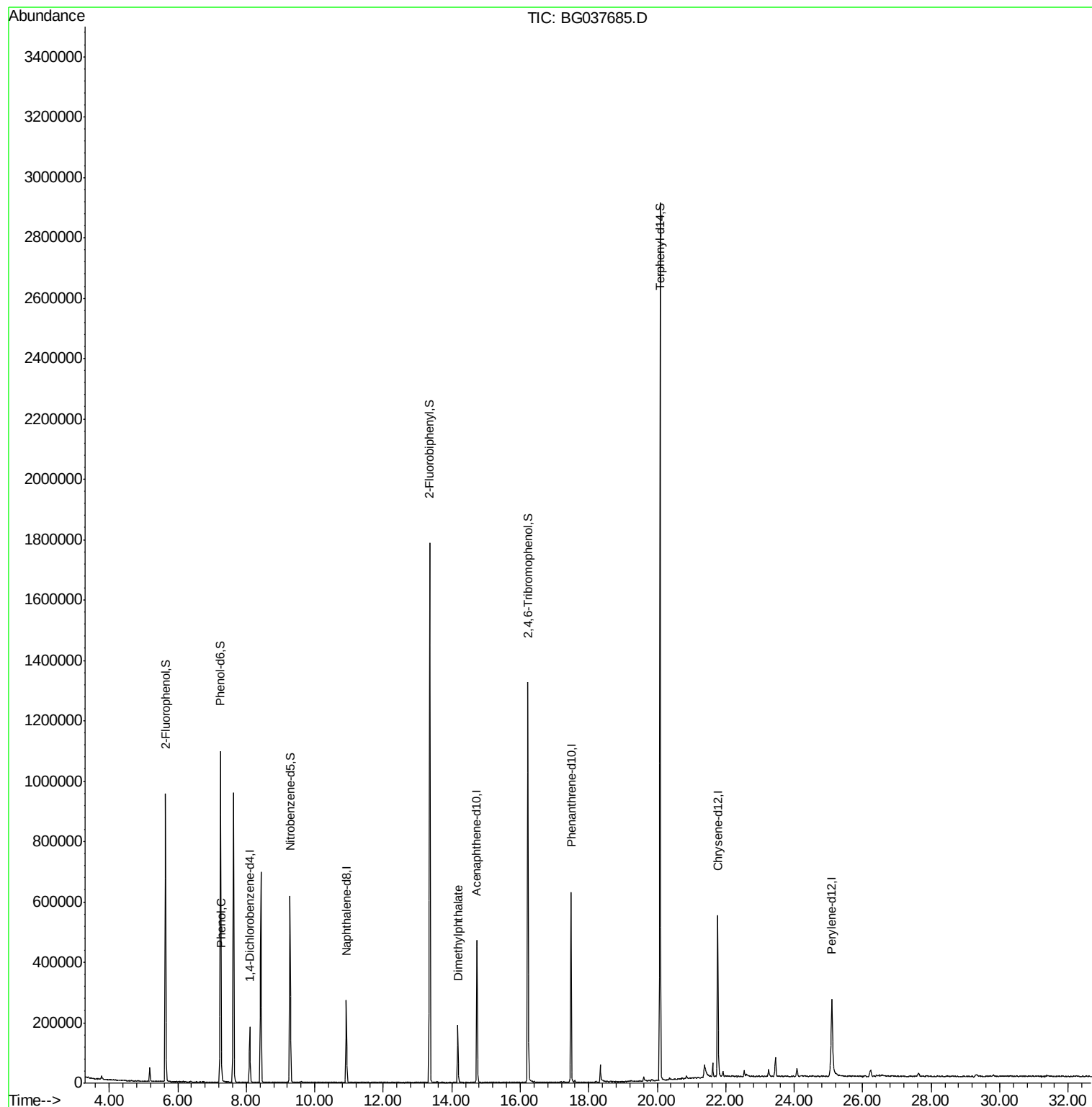
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55400	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	250839	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172034	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	400344	20.00	ng	0.00
76) Chrysene-d12	21.77	240	353461	20.00	ng	0.00
87) Perylene-d12	25.10	264	331736	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	451205	136.16	ng	0.00
7) Phenol-d6	7.25	99	680866	135.88	ng	0.00
23) Nitrobenzene-d5	9.27	82	394909	88.19	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	244103	130.09	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	980014	85.90	ng	0.00
79) Terphenyl-d14	20.08	244	1400355	84.66	ng	0.00
Target Compounds						
10) Phenol	7.27	94	44051	8.332	ng	95
50) Dimethylphthalate	14.18	163	137387	10.323	ng	99

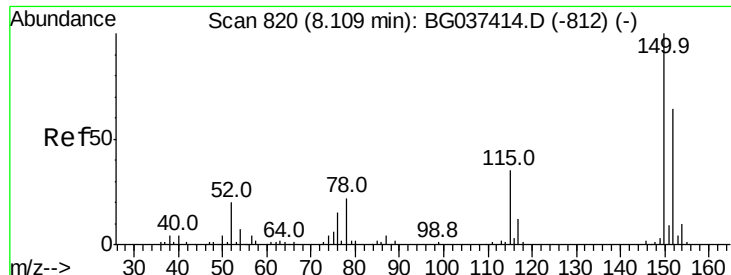
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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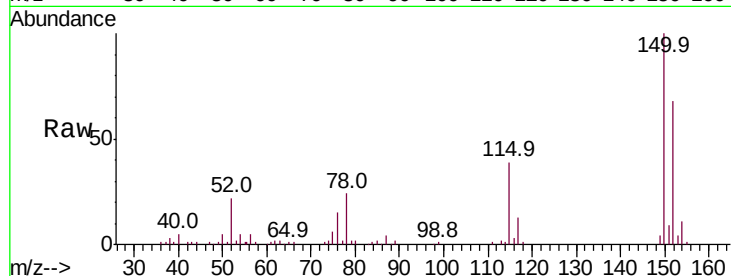


#1

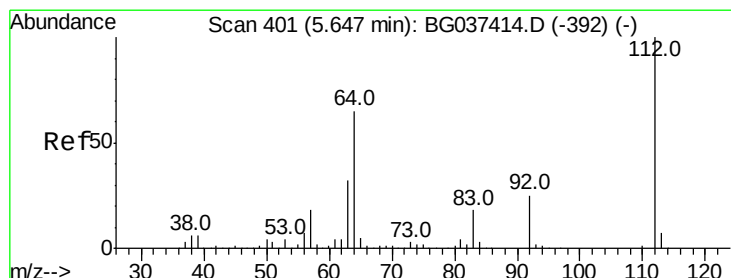
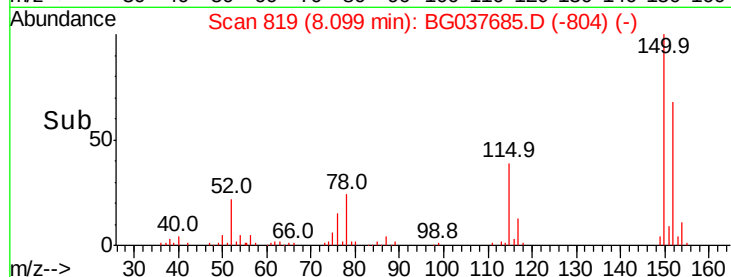
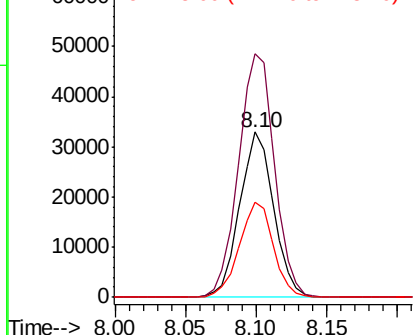
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-A

Tot Ion:152 Resp: 55400
 Ion Ratio Lower Upper
 152 100
 150 147.2 126.0 189.0
 115 57.2 45.5 68.3



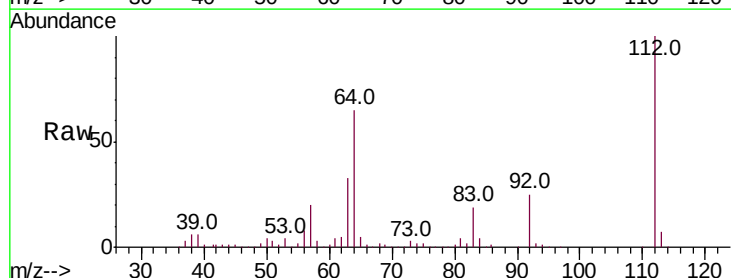
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



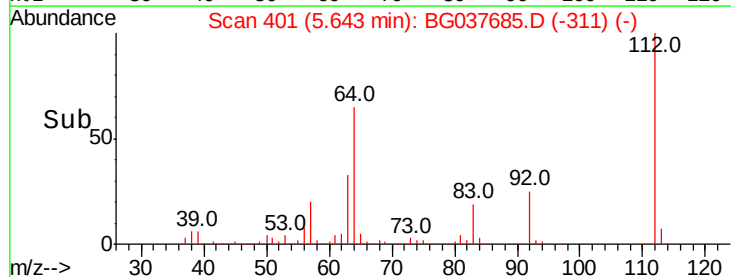
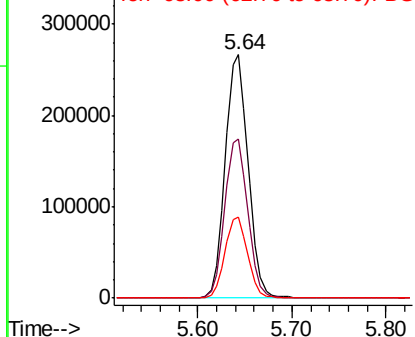
#5

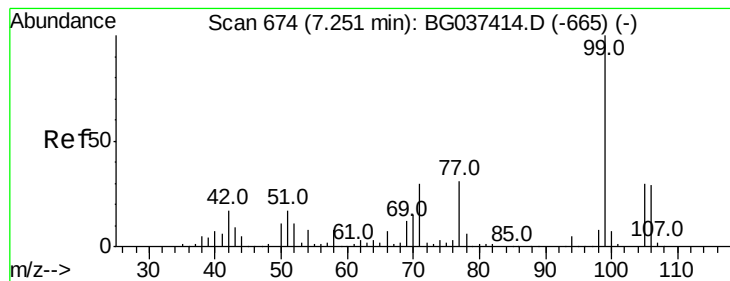
2-Fluorophenol
 Concen: 136.164 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037685.D
 Acq: 31 Oct 2018 15:39

Tgt Ion:112 Resp: 451205
 Ion Ratio Lower Upper
 112 100
 64 65.4 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: 135.882 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037685.D

Acq: 31 Oct 2018 15:39

Instrument :

BNA_G

ClientSampleId :

TP-A

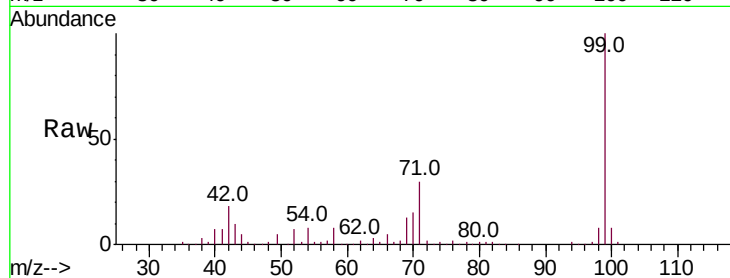
Tot Ion: 99 Resp: 680866

Ion Ratio Lower Upper

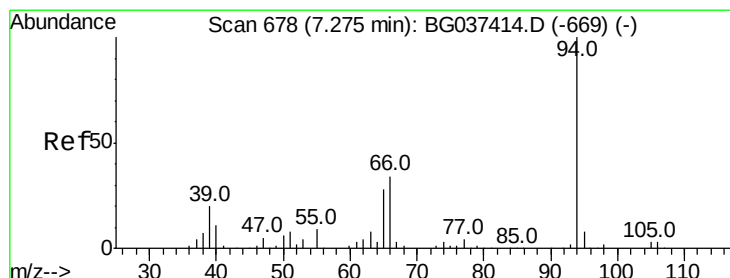
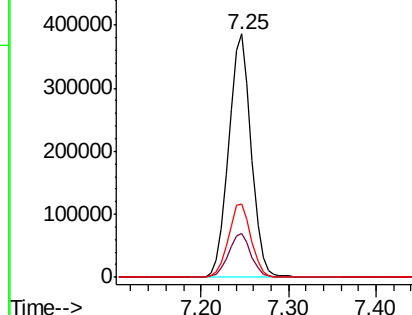
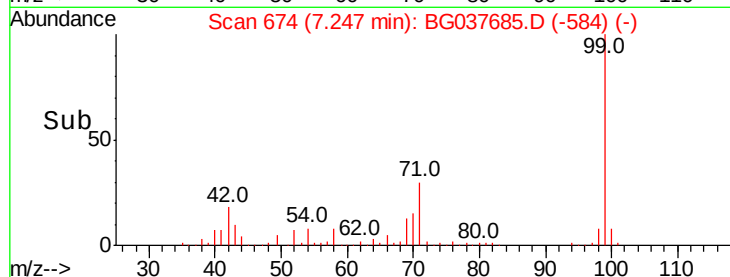
99 100

42 17.9 15.0 22.4

71 30.3 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: 8.332 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037685.D

Acq: 31 Oct 2018 15:39

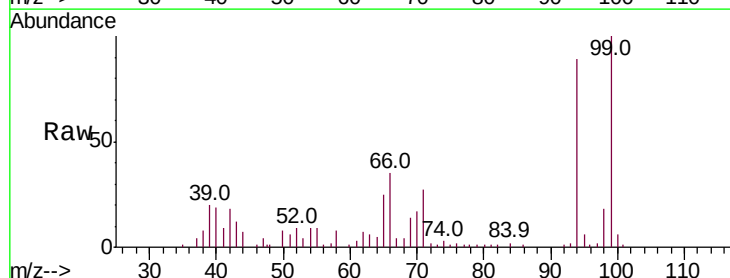
Tgt Ion: 94 Resp: 44051

Ion Ratio Lower Upper

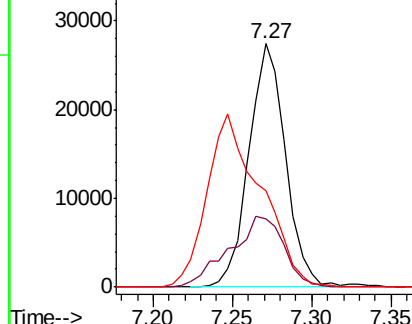
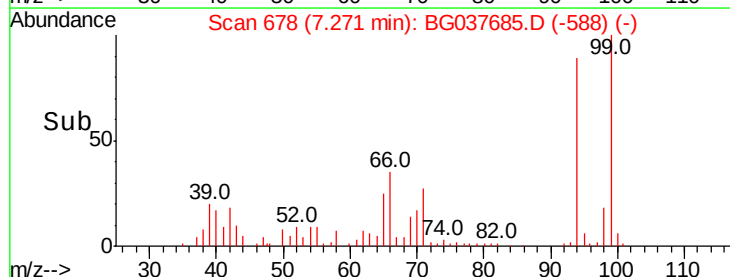
94 100

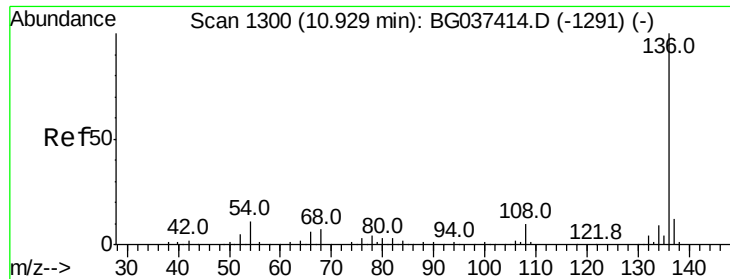
65 28.3 9.7 49.7

66 39.8 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

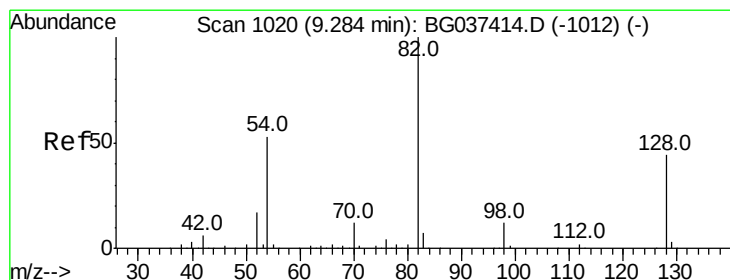
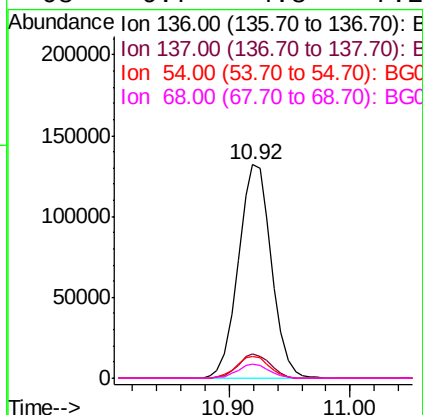
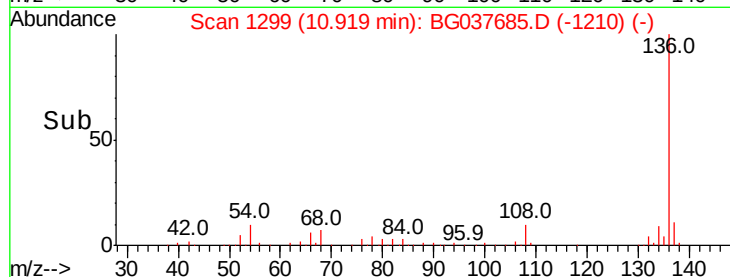
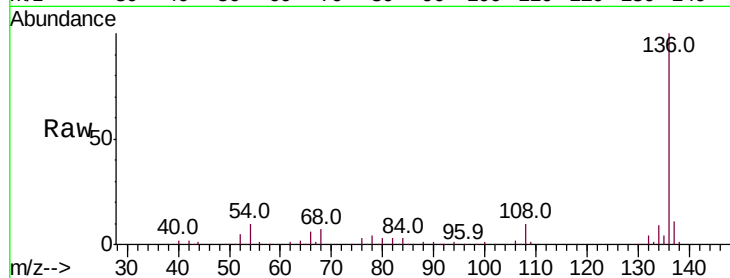




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037685.D
Acq: 31 Oct 2018 15:39

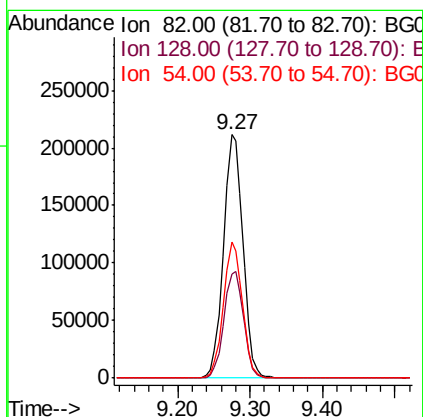
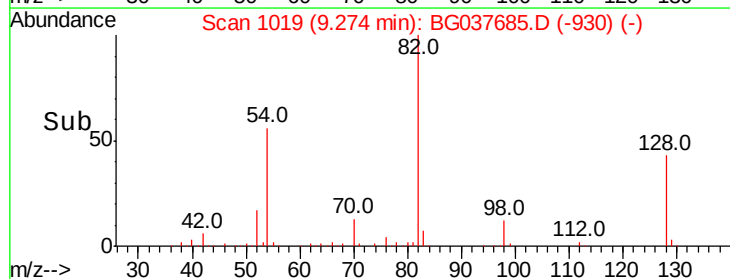
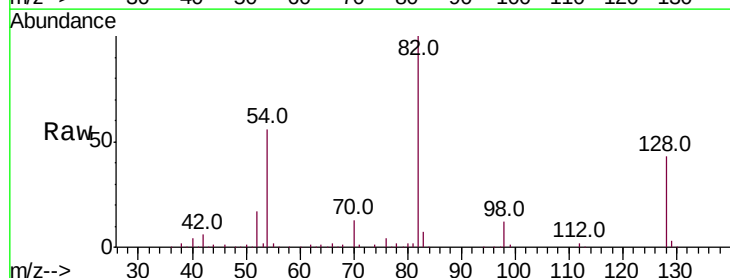
Instrument :
BNA_G
ClientSampleId :
TP-A

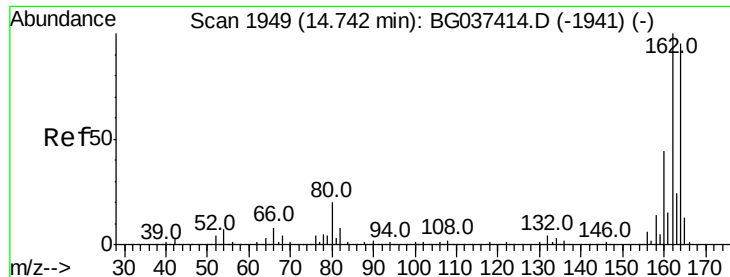
Tot Ion:136	Resp:	250839	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.6	14.4	
54 10.2	7.9	11.9	
68 6.7	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 88.194 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037685.D
Acq: 31 Oct 2018 15:39

Tgt Ion: 82	Resp: 394909
Ion Ratio	Lower Upper
82 100	
128 42.9	34.6 51.8
54 56.0	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037685.D

Acq: 31 Oct 2018 15:39

Instrument :

BNA_G

ClientSampled :

TP-A

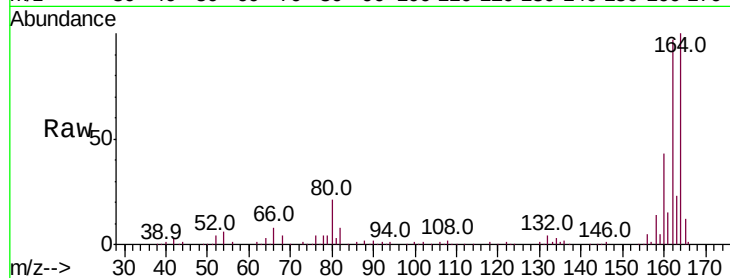
Tot Ion:164 Resp: 172034

Ion Ratio Lower Upper

164 100

162 96.9 81.3 121.9

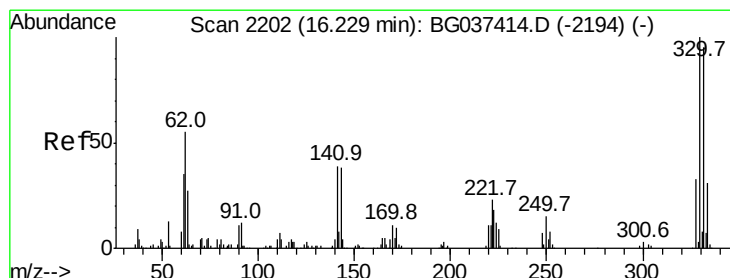
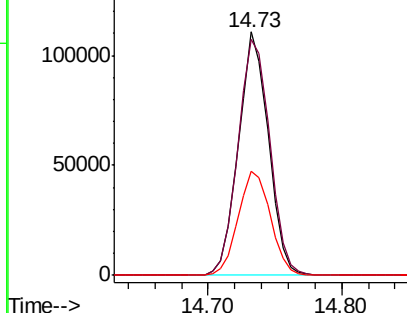
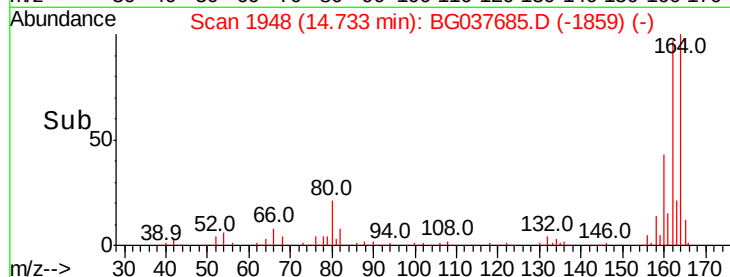
160 42.8 36.3 54.5



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: 130.094 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037685.D

Acq: 31 Oct 2018 15:39

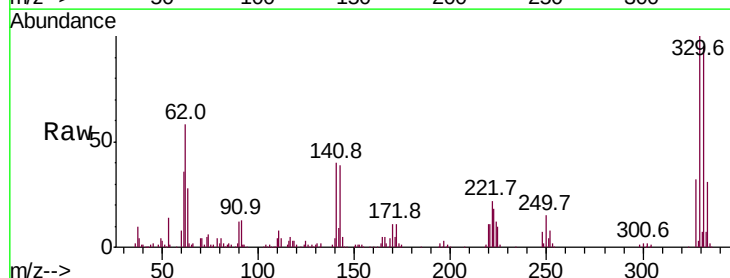
Tgt Ion:330 Resp: 244103

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

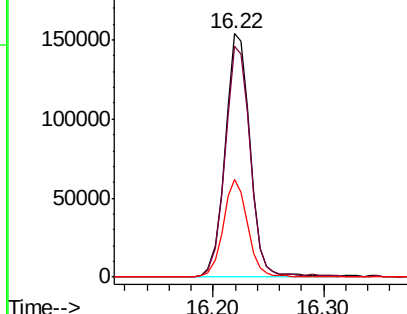
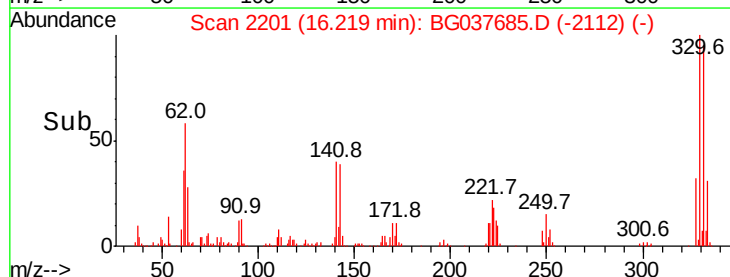
141 39.0 32.2 48.2

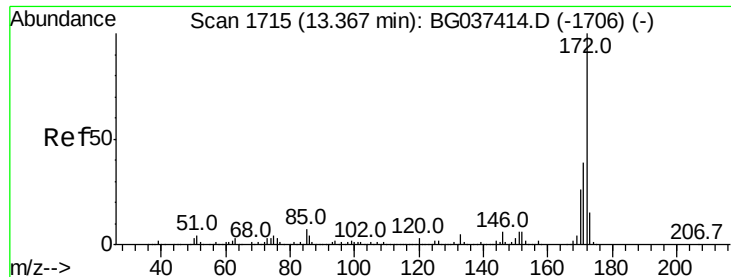


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

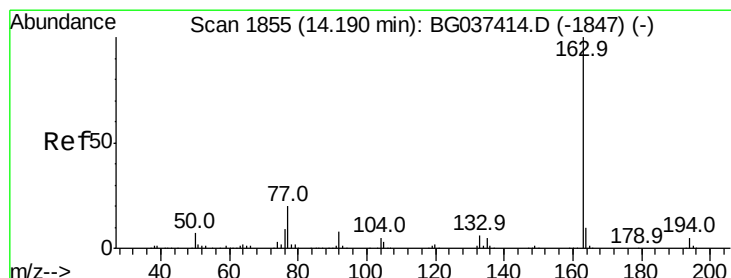
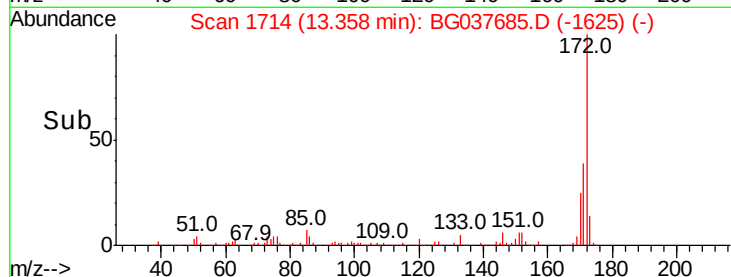
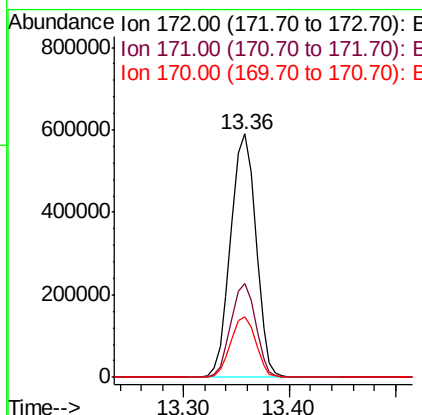
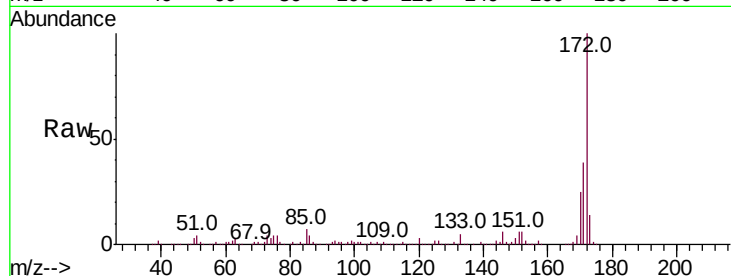




#45
2-Fluorobiphenyl
Concen: 85.902 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037685.D
Acq: 31 Oct 2018 15:39

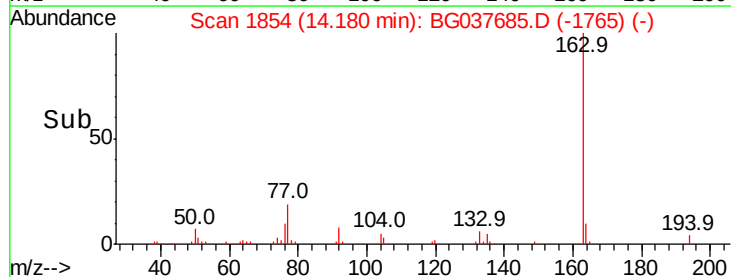
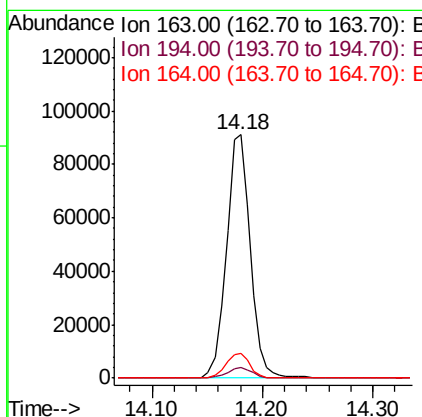
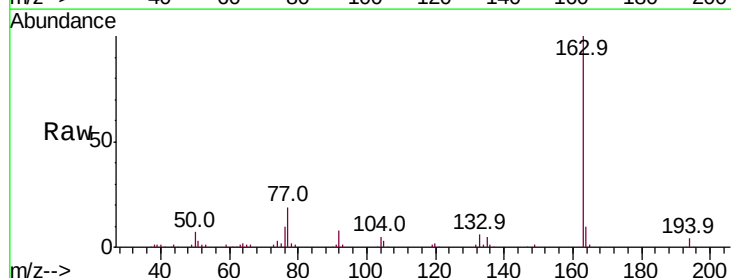
Instrument :
BNA_G
ClientSampleId :
TP-A

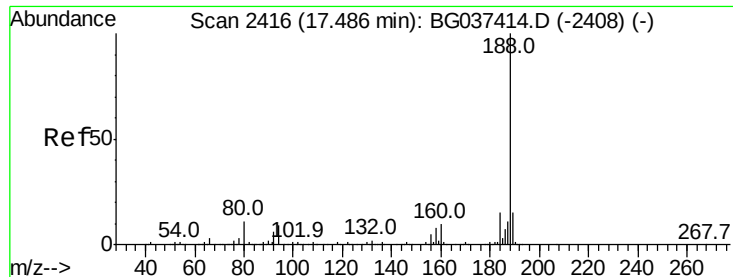
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.1	20.2	30.2



#50
Dimethylphthalate
Concen: 10.323 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037685.D
Acq: 31 Oct 2018 15:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.3	8.5	12.7

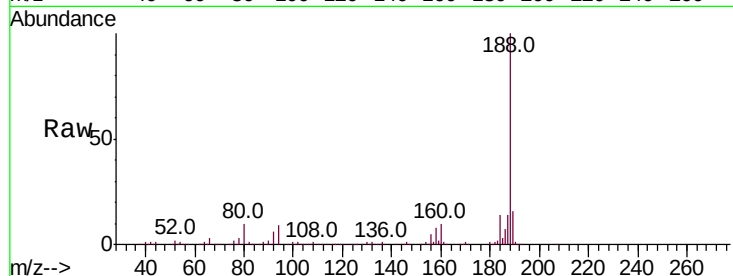




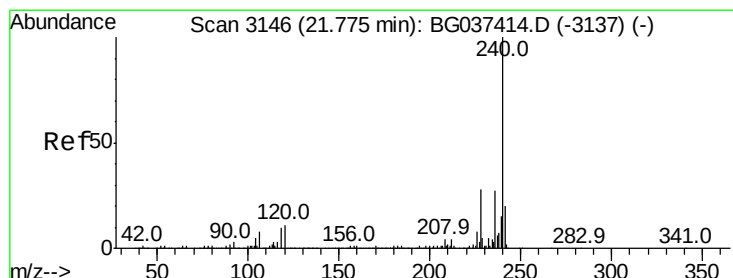
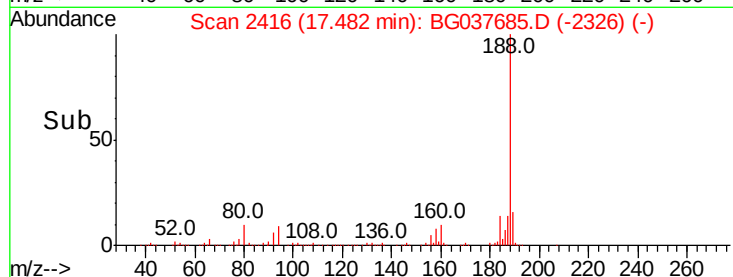
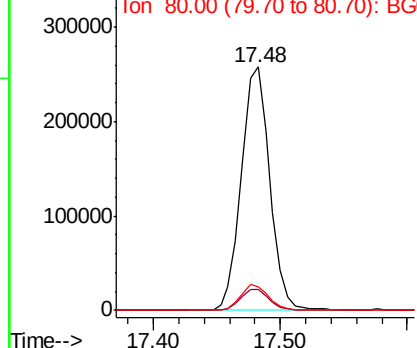
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037685.D
Acq: 31 Oct 2018 15:39

Instrument :
BNA_G
ClientSampleId :
TP-A

Tot Ion:188 Resp: 400344
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.8 7.7 11.5

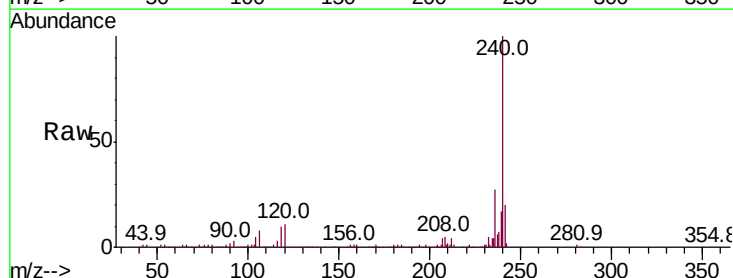


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

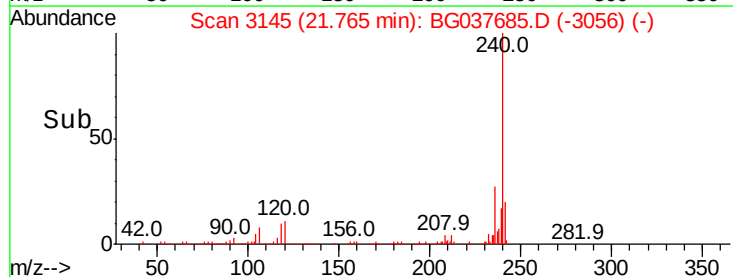
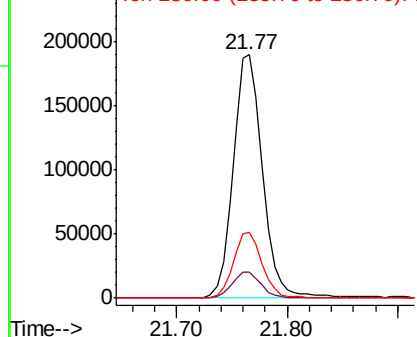


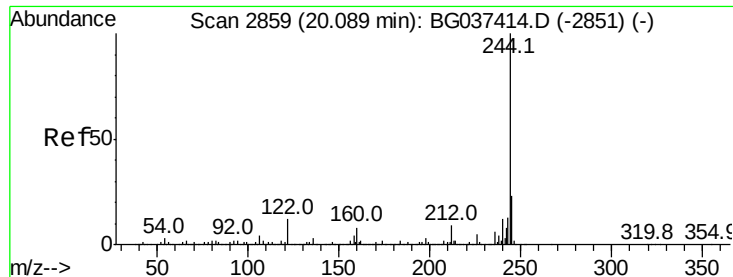
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037685.D
Acq: 31 Oct 2018 15:39

Tgt Ion:240 Resp: 353461
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.8 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: 84.655 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037685.D

Acq: 31 Oct 2018 15:39

Instrument :

BNA_G

ClientSampleId :

TP-A

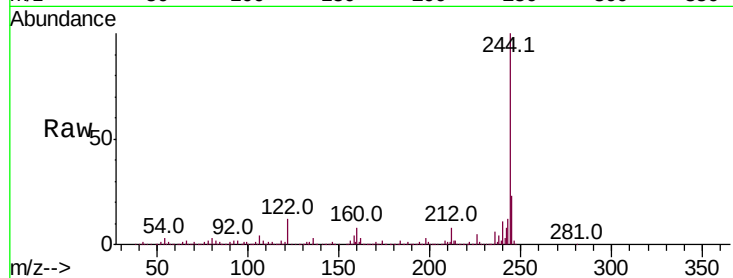
Tot Ion:244 Resp: 1400355

Ion Ratio Lower Upper

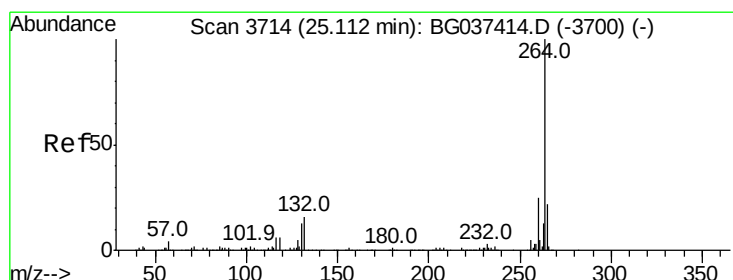
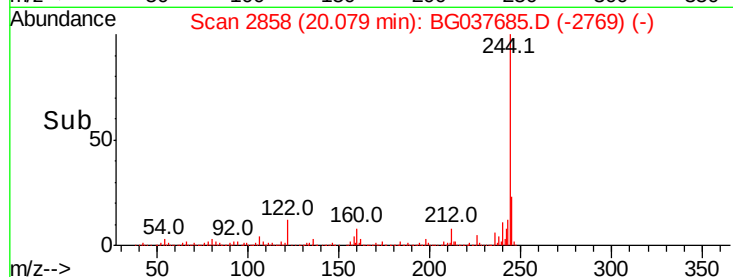
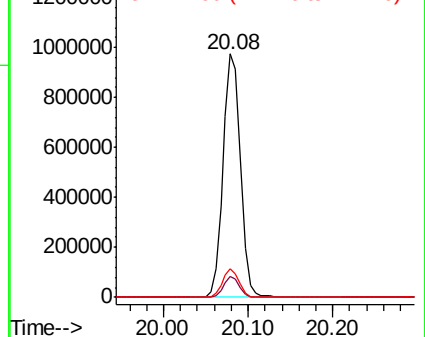
244 100

212 8.4 6.5 9.7

122 11.6 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. -0.02 min

Lab File: BG037685.D

Acq: 31 Oct 2018 15:39

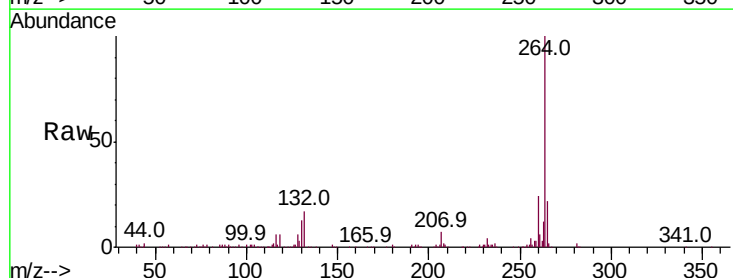
Tgt Ion:264 Resp: 331736

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.4 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

