

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037265.D
 Acq On : 11 Oct 2018 19:58
 Operator : JU/SJ
 Sample : J5375-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0691-KM-PA-AMD-COMP

Quant Time: Oct 12 07:04:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

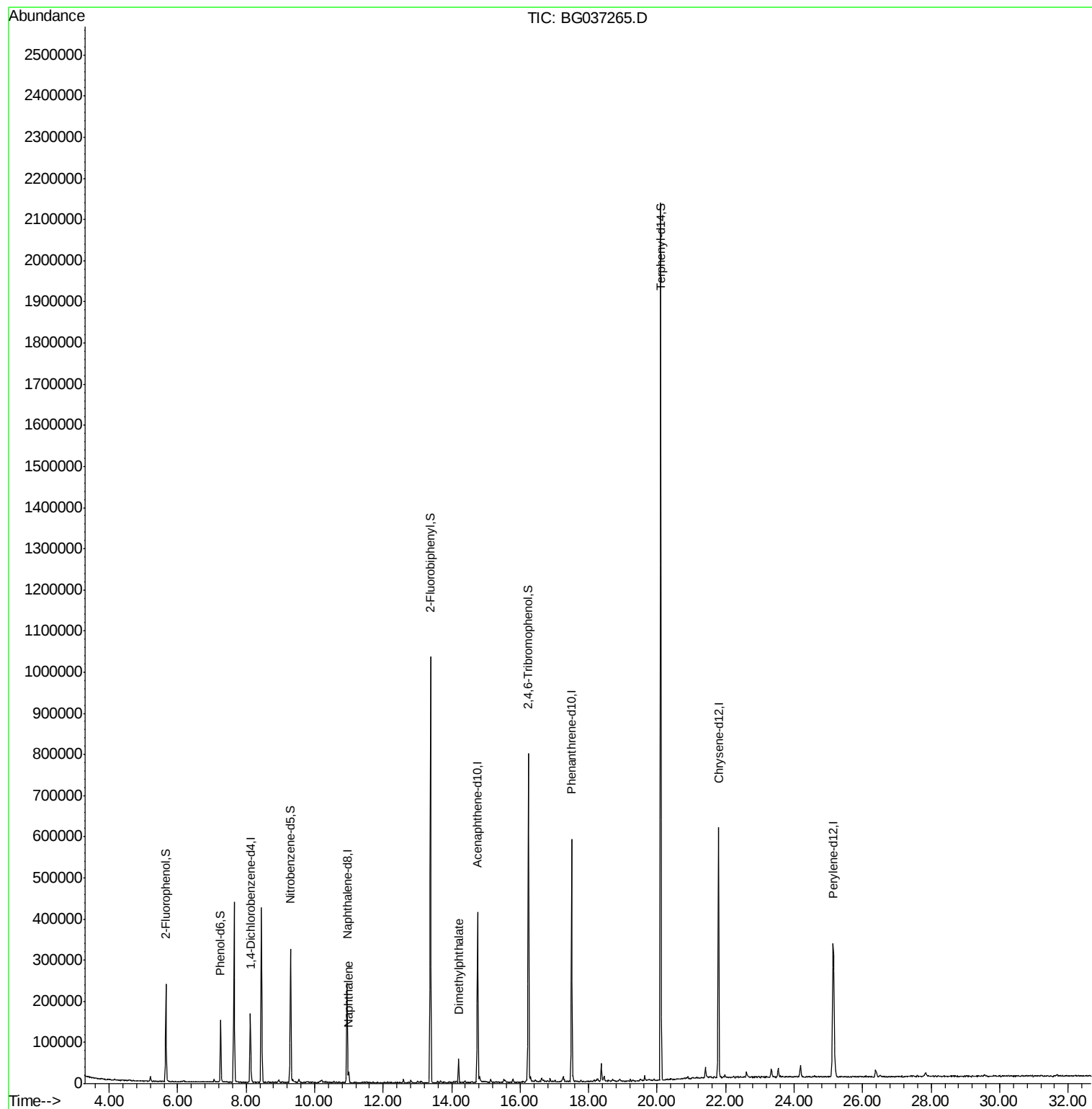
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	48648	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	216612	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	143732	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	375943	20.00	ng	0.00
76) Chrysene-d12	21.79	240	373100	20.00	ng	0.00
87) Perylene-d12	25.14	264	379263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	107838	39.01	ng	0.00
7) Phenol-d6	7.25	99	92645	22.08	ng	0.00
23) Nitrobenzene-d5	9.30	82	196950	59.78	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	144539	102.54	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	545540	57.00	ng	0.00
79) Terphenyl-d14	20.11	244	1051577	59.18	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	23182	2.202	ng	99
50) Dimethylphthalate	14.20	163	38980	3.451	ng	98

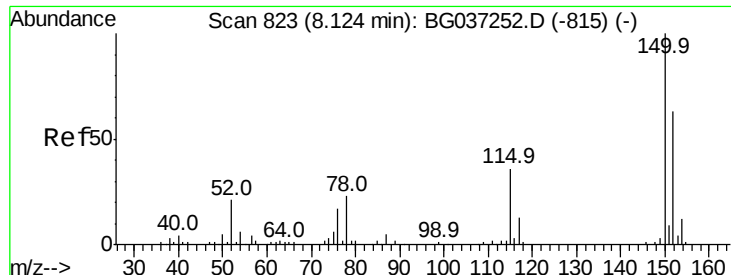
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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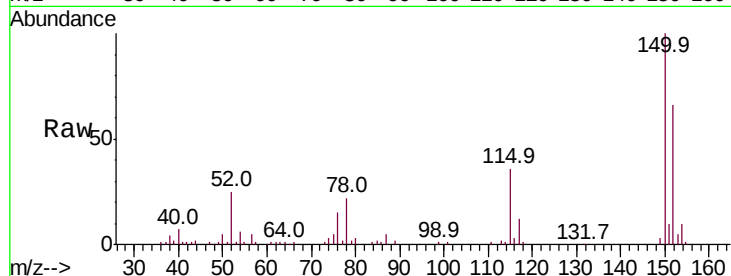


#1

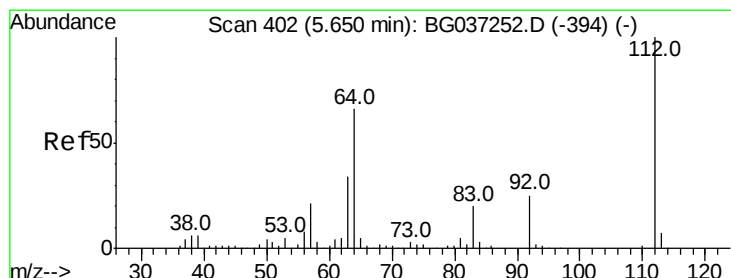
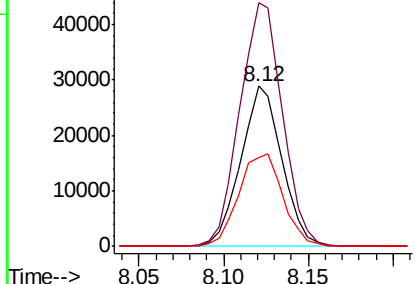
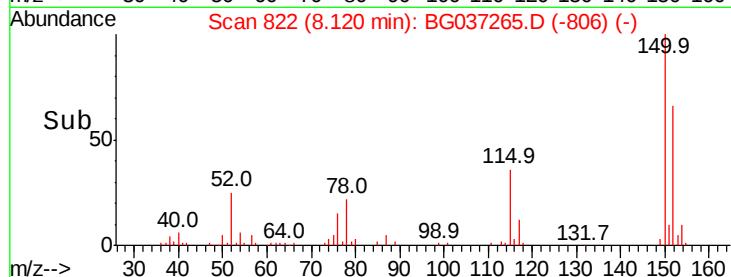
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Instrument :
BNA_G
ClientSampleId :
0691-KM-PA-AMD-COMP

Tot Ion:152 Resp: 48648
Ion Ratio Lower Upper
152 100
150 152.0 126.0 189.0
115 55.2 45.5 68.3



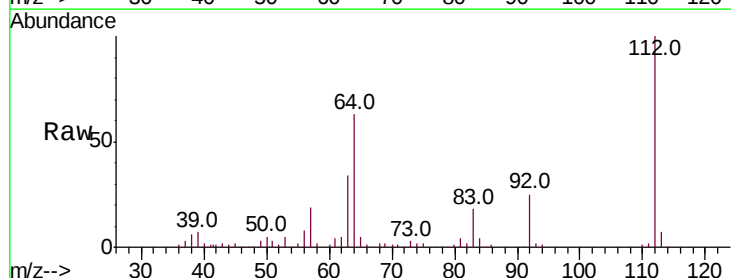
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



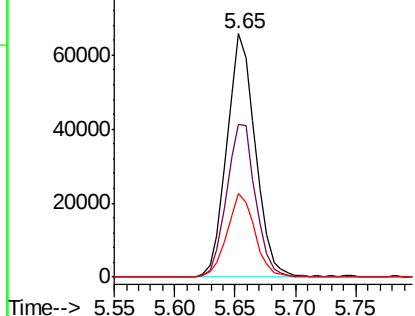
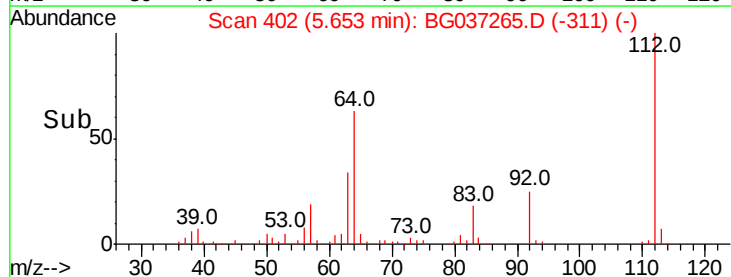
#5

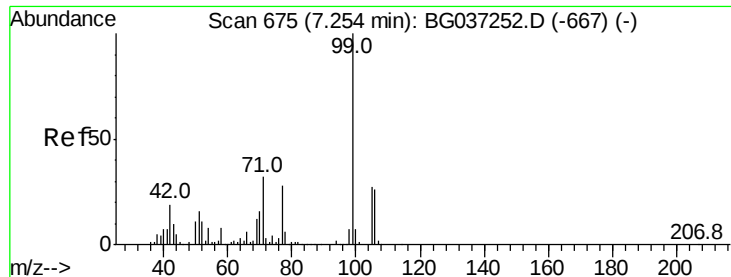
2-Fluorophenol
Concen: 39.012 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Tgt Ion:112 Resp: 107838
Ion Ratio Lower Upper
112 100
64 62.6 53.1 79.7
63 34.4 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: 22.081 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Instrument :

BNA_G

ClientSampleId :

0691-KM-PA-AMD-COMP

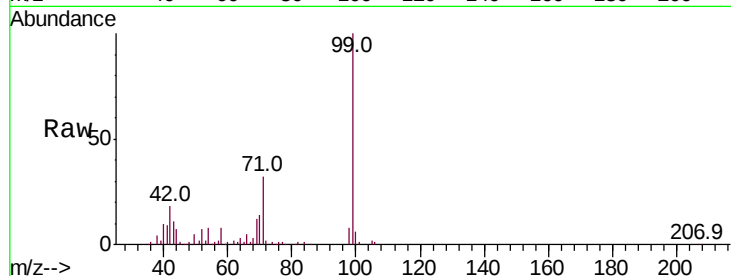
Tot Ion: 99 Resp: 92645

Ion Ratio Lower Upper

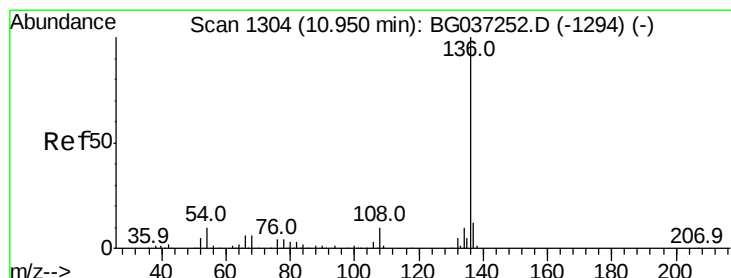
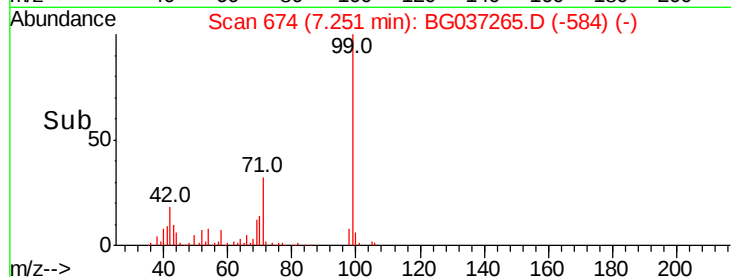
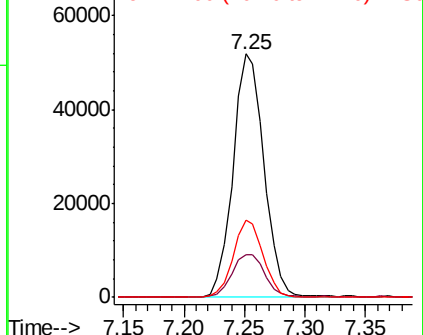
99 100

42 17.8 15.0 22.4

71 31.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Tgt Ion: 136 Resp: 216612

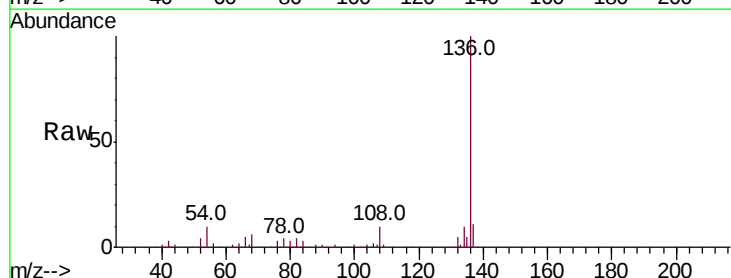
Ion Ratio Lower Upper

136 100

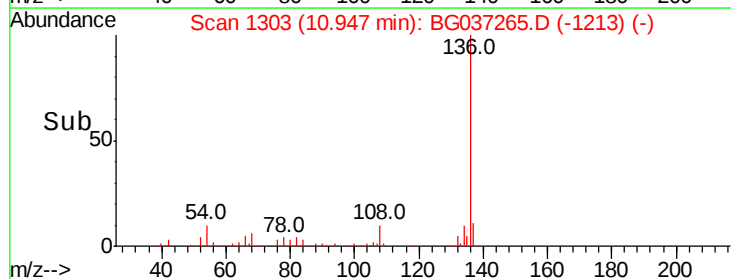
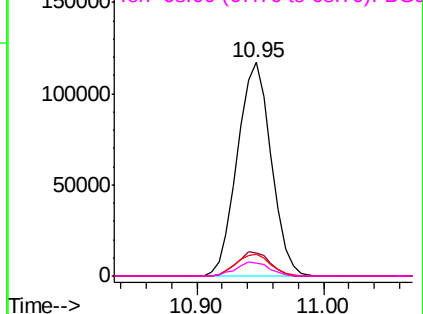
137 11.0 9.6 14.4

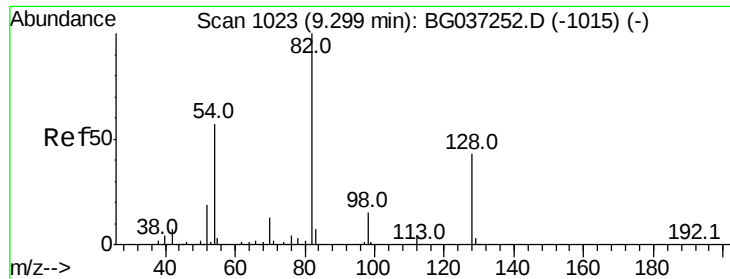
54 10.4 7.9 11.9

68 6.0 4.8 7.2



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

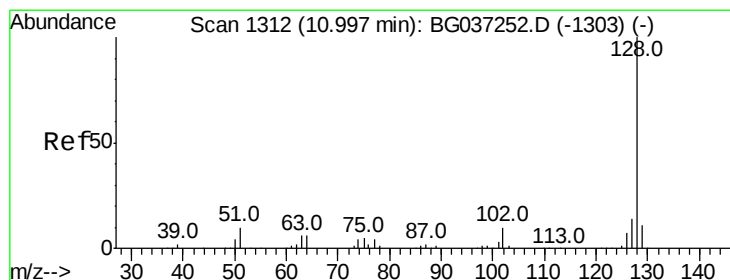
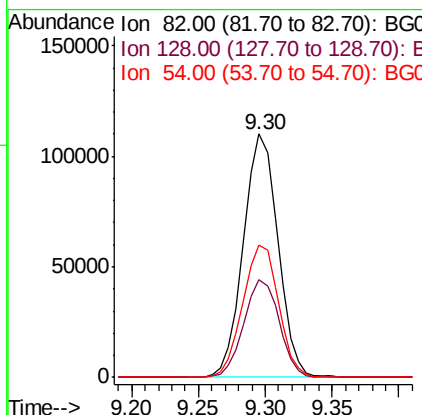
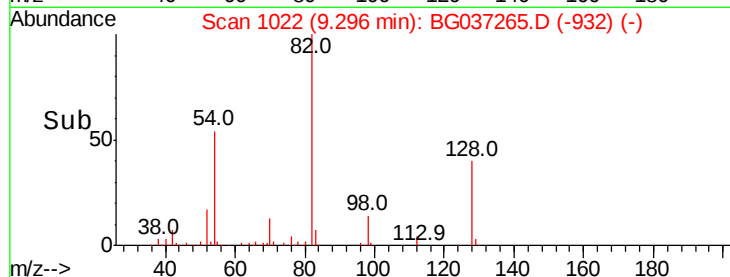
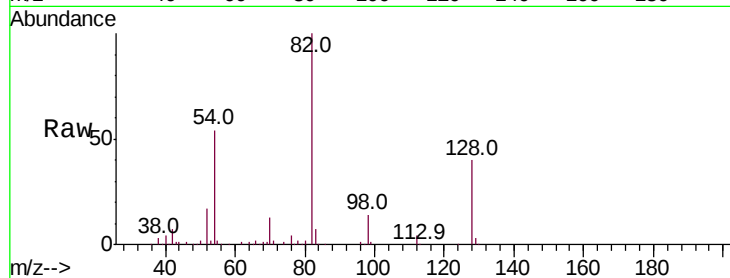




#23
Nitrobenzene-d5
Concen: 59.777 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

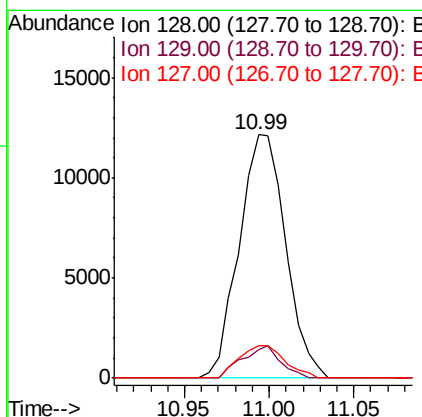
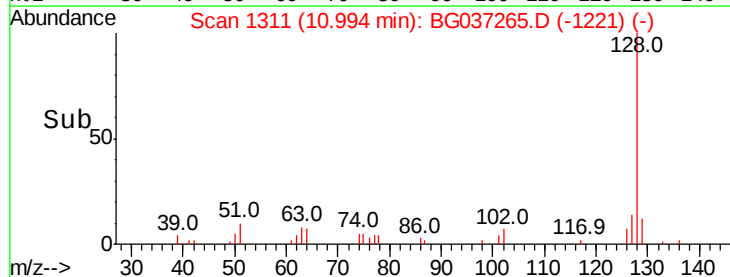
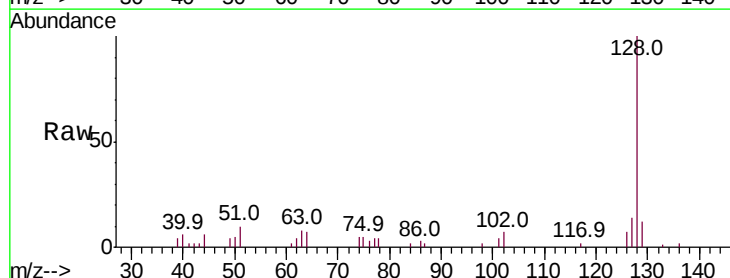
Instrument :
BNA_G
ClientSampleId :
0691-KM-PA-AMD-COMP

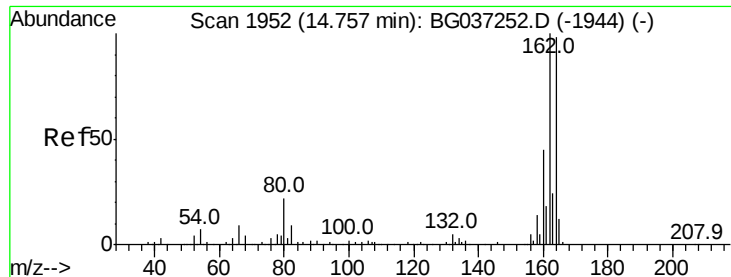
Tot Ion	82	Resp	196950
Ion Ratio	Lower	Upper	
82	100		
128	40.1	34.6	51.8
54	54.3	45.3	67.9



#31
Naphthalene
Concen: 2.202 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG037265.D
Acq: 11 Oct 2018 19:58

Tgt Ion	128	Resp	23182
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.0	13.6
127	13.5	11.1	16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Instrument :

BNA_G

ClientSampleId :

0691-KM-PA-AMD-COMP

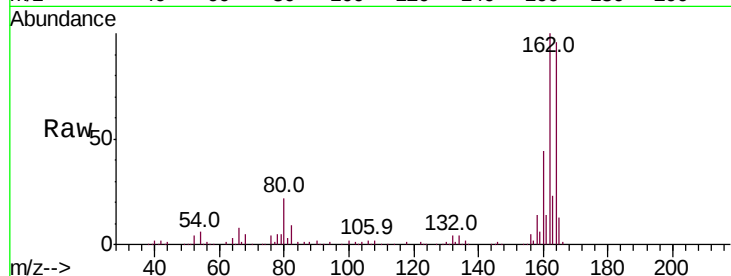
Tot Ion:164 Resp: 143732

Ion Ratio Lower Upper

164 100

162 104.6 81.3 121.9

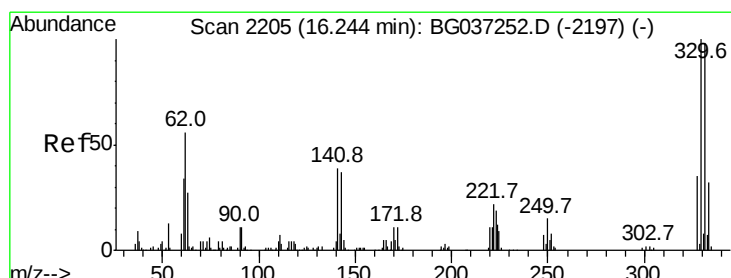
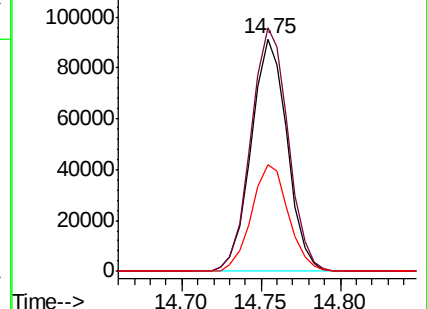
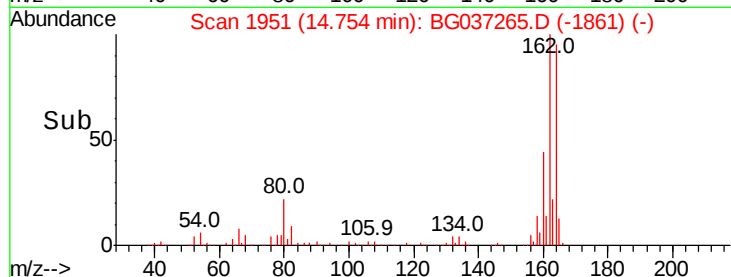
160 45.9 36.3 54.5



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: 102.538 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

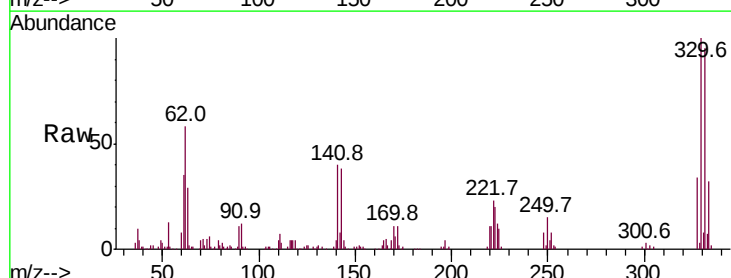
Tgt Ion:330 Resp: 144539

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

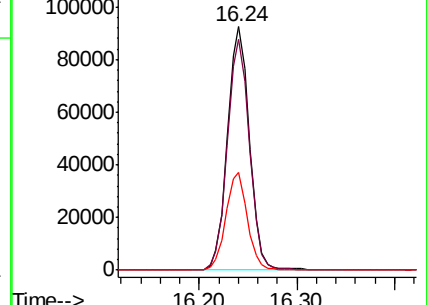
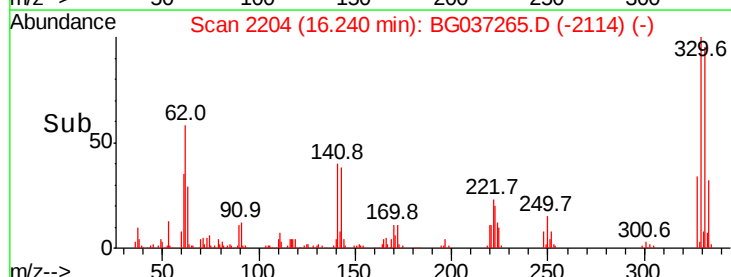
141 38.8 32.2 48.2

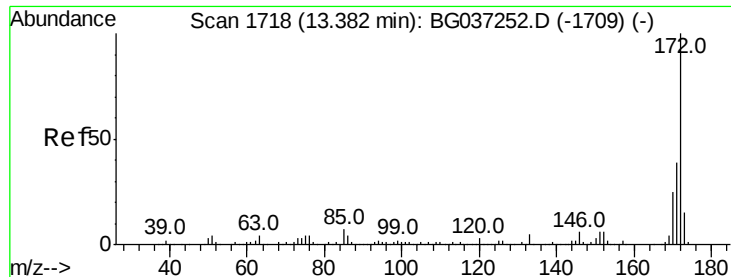


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 57.000 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Instrument :

BNA_G

ClientSampleId :

0691-KM-PA-AMD-COMP

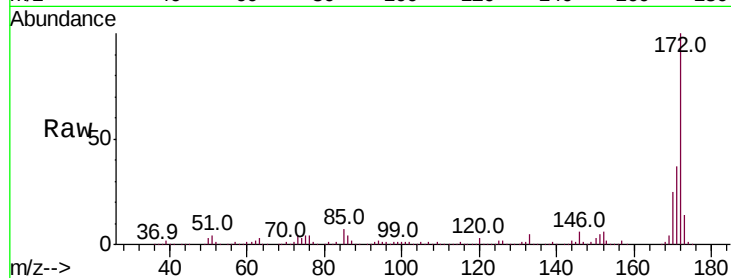
Tot Ion:172 Resp: 545540

Ion Ratio Lower Upper

172 100

171 37.3 31.0 46.4

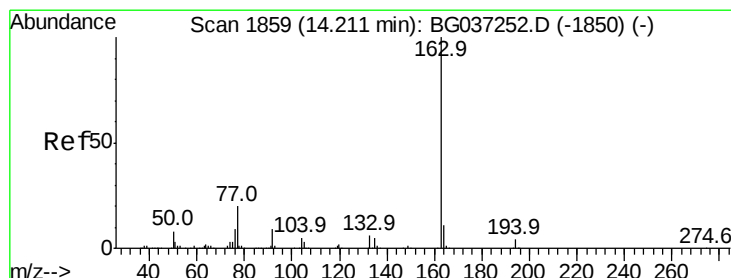
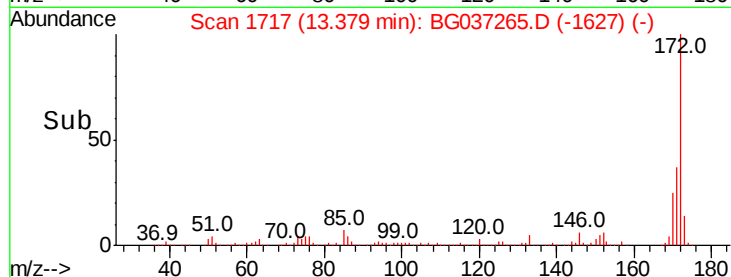
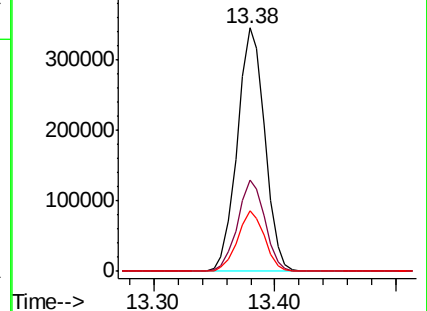
170 24.7 20.2 30.2



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: 3.451 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

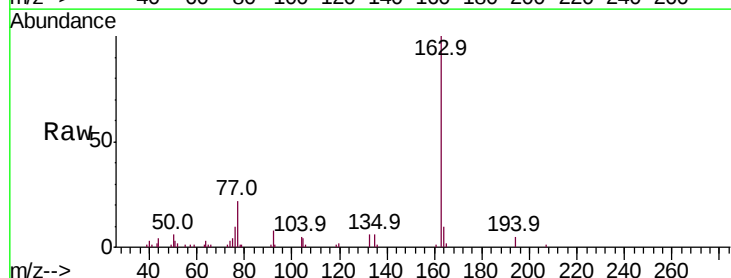
Tgt Ion:163 Resp: 38980

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

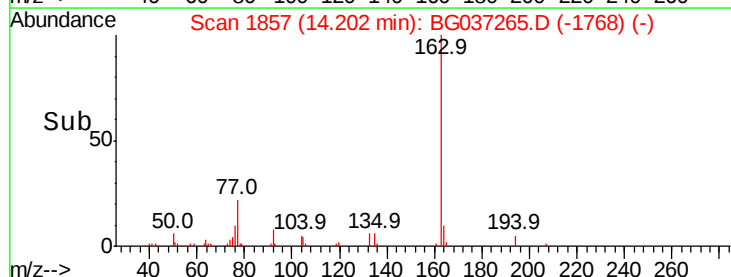
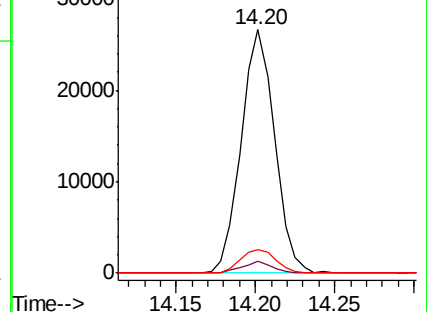
164 9.6 8.5 12.7

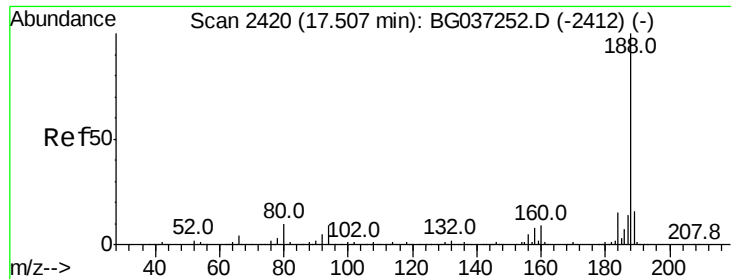


Abundance Ion 163.00 (162.70 to 163.70): E

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: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Instrument :

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0691-KM-PA-AMD-COMP

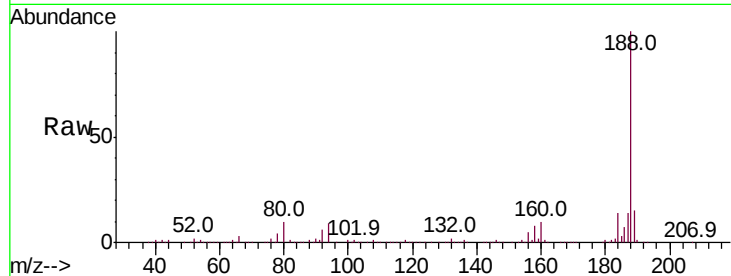
Tot Ion:188 Resp: 375943

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

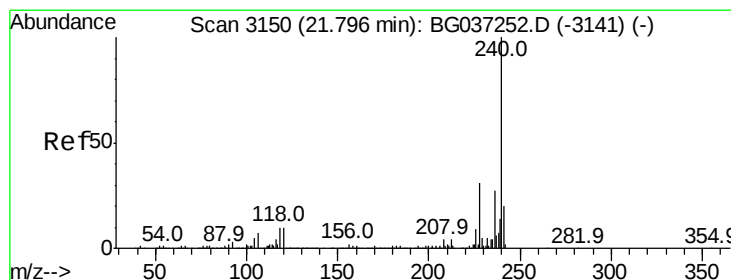
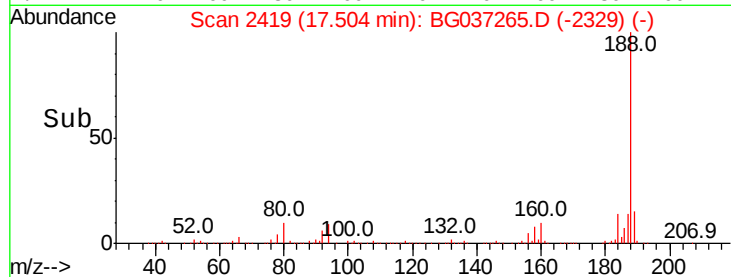
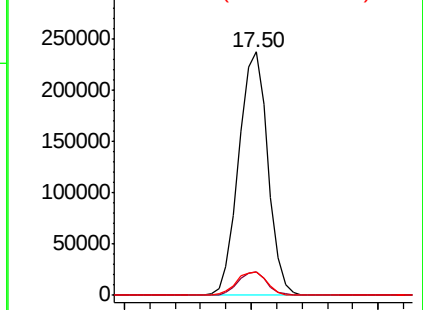
80 9.5 7.7 11.5



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: 21.79 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

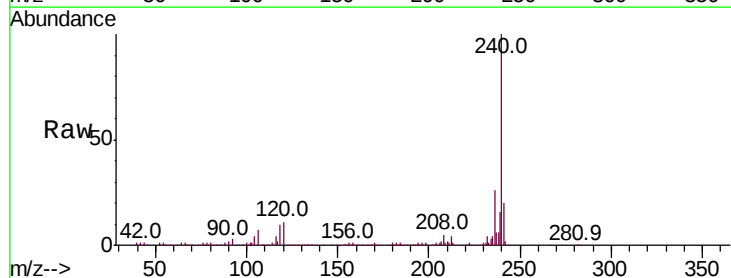
Tgt Ion:240 Resp: 373100

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

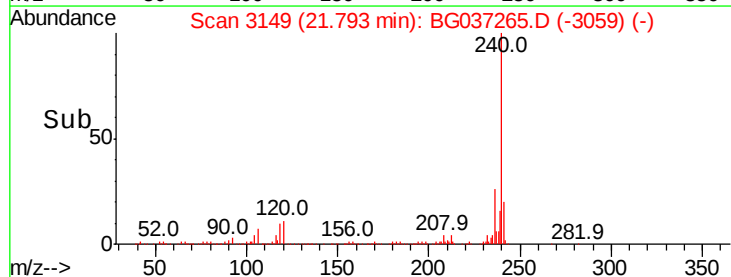
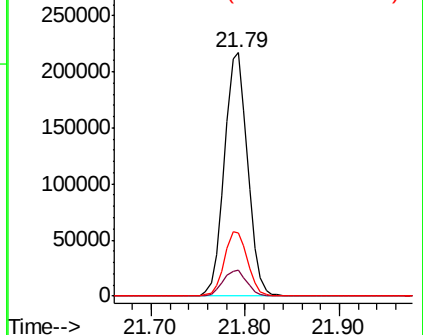
236 25.7 21.4 32.0

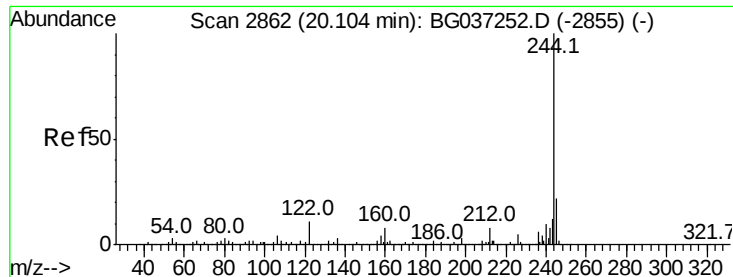


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.181 ng

RT: 20.11 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Instrument :

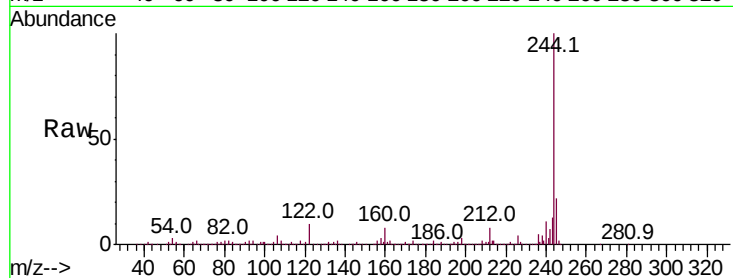
BNA_G

ClientSampleId :

0691-KM-PA-AMD-COMP

Tot Ion:244 Resp: 1051577

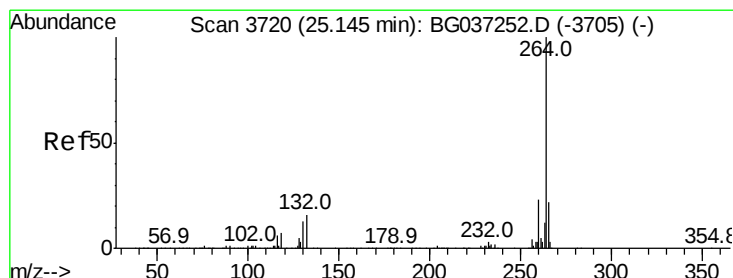
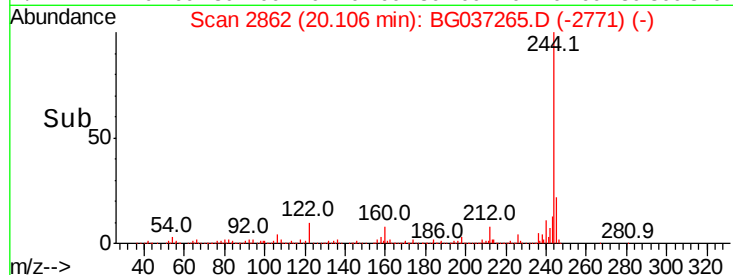
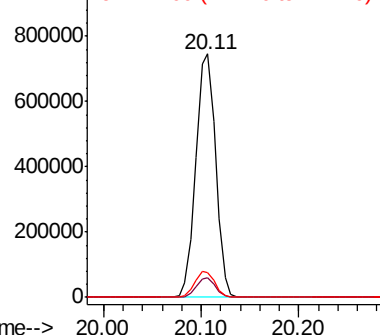
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.2	9.0	13.4



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: 25.14 min Scan# 3719

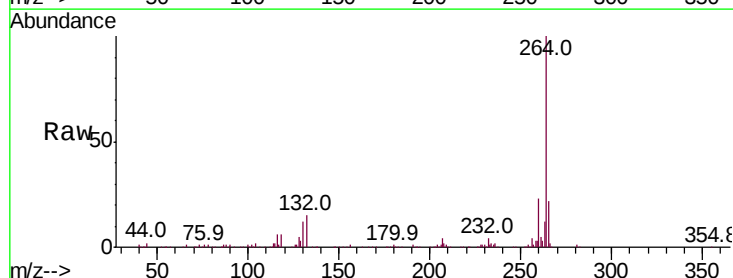
Delta R.T. -0.00 min

Lab File: BG037265.D

Acq: 11 Oct 2018 19:58

Tgt Ion:264 Resp: 379263

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	21.7	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

