

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037401.D
 Acq On : 17 Oct 2018 22:04
 Operator : JU/SJ
 Sample : J5541-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101518-TIPC-F-U-S

Quant Time: Oct 18 11:59:39 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

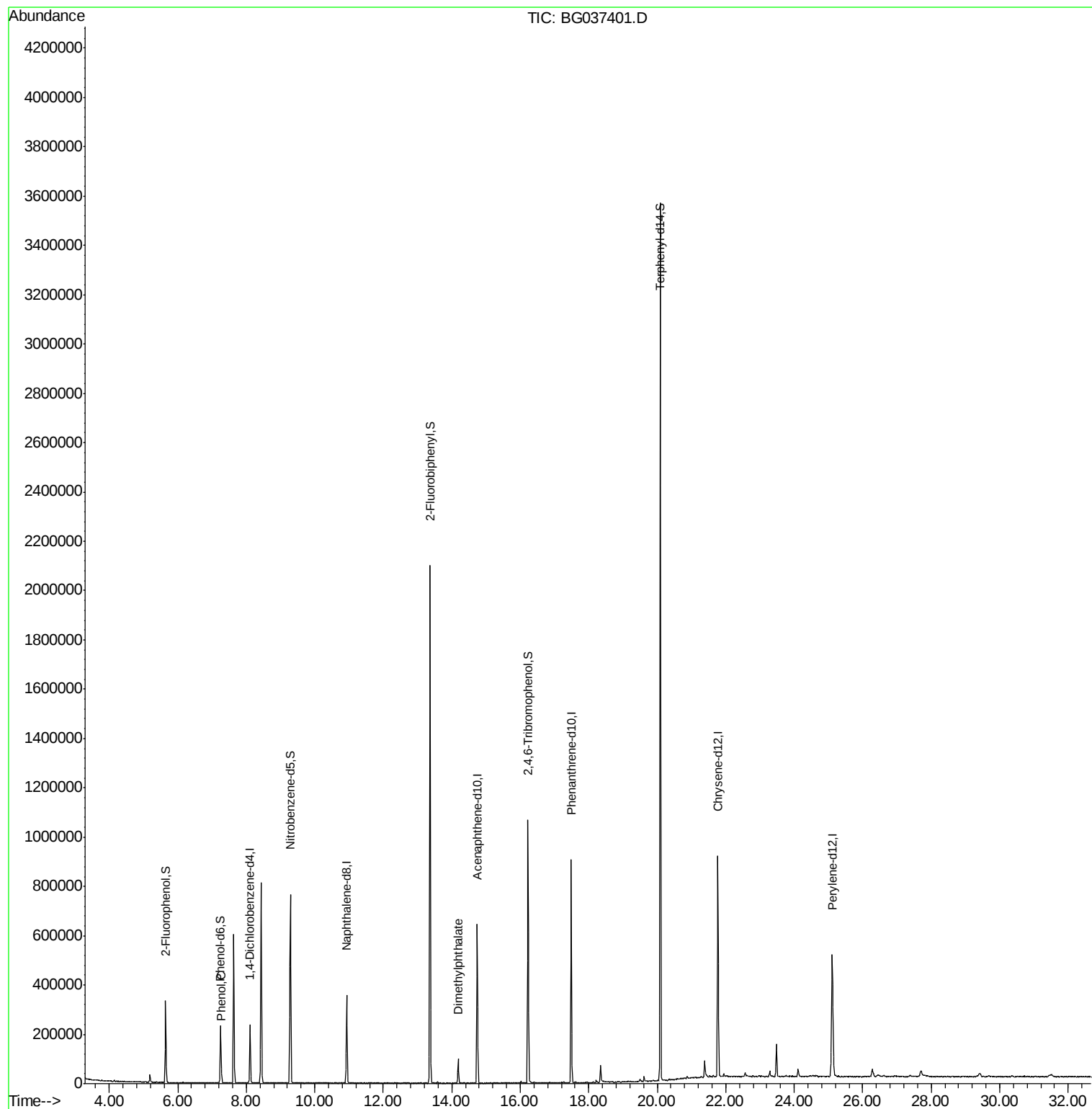
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	70955	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	326575	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	231353	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	574533	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	531918	20.00	ng	-0.02
87) Perylene-d12	25.12	264	538370	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	159911	39.66	ng	0.00
7) Phenol-d6	7.25	99	143381	23.43	ng	0.00
23) Nitrobenzene-d5	9.29	82	471591	94.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	196015	86.39	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	1163236	75.51	ng	-0.01
79) Terphenyl-d14	20.09	244	1673303	66.05	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	30422	4.720	ng	97
50) Dimethylphthalate	14.19	163	70455	3.875	ng	99

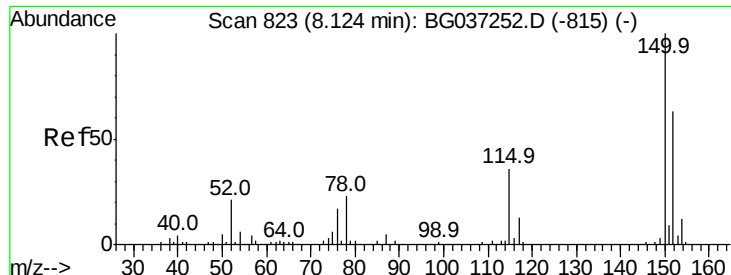
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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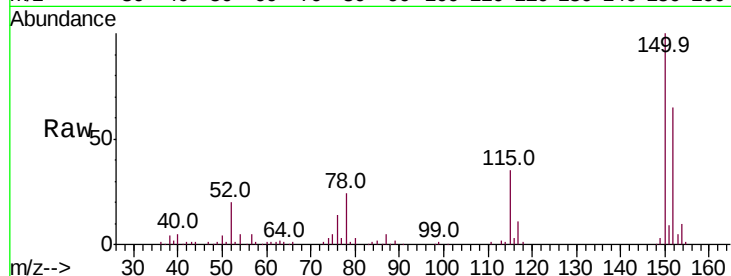


#1

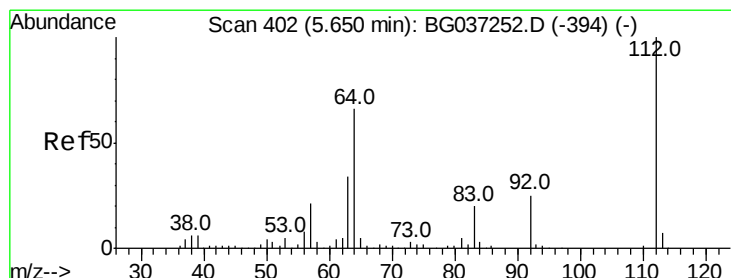
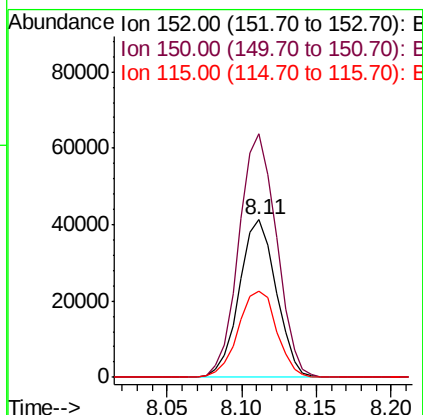
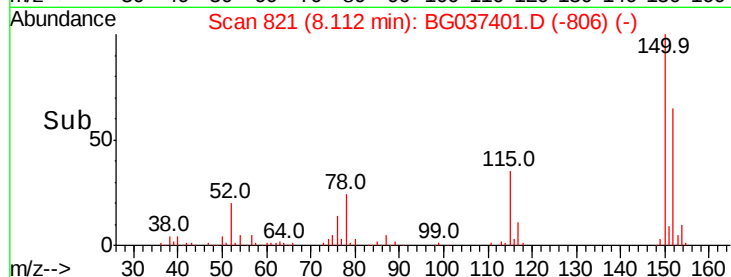
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037401.D
Acq: 17 Oct 2018 22:04

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-U-S

Tot Ion:152 Resp: 70955
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 54.5 45.5 68.3



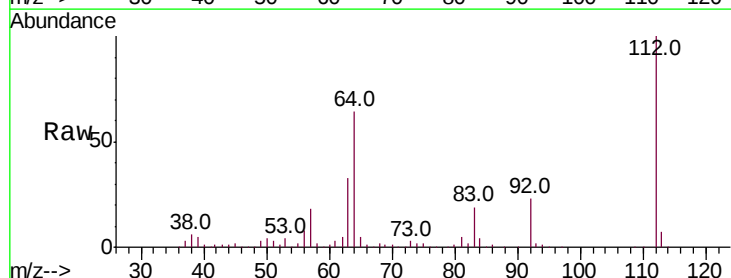
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



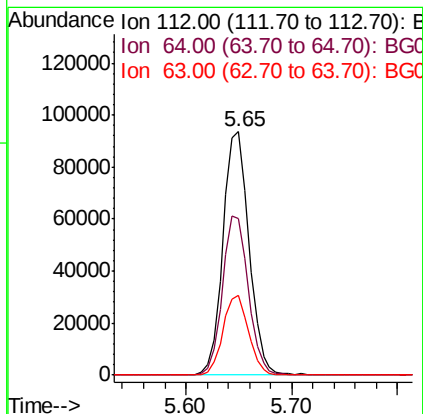
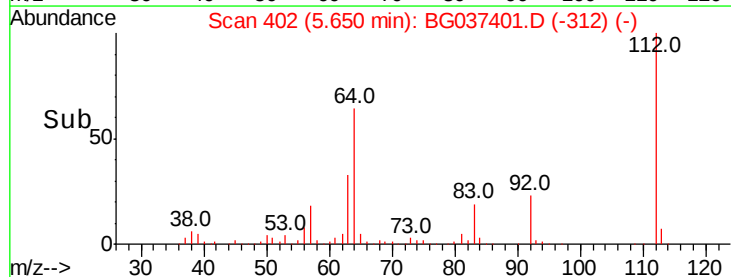
#5

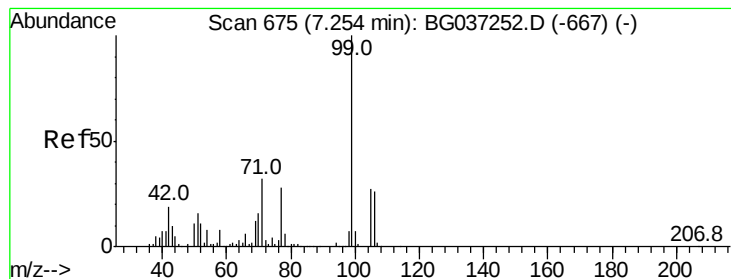
2-Fluorophenol
Concen: 39.663 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037401.D
Acq: 17 Oct 2018 22:04

Tgt Ion:112 Resp: 159911
Ion Ratio Lower Upper
112 100
64 64.3 53.1 79.7
63 32.9 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: 23.430 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-U-S

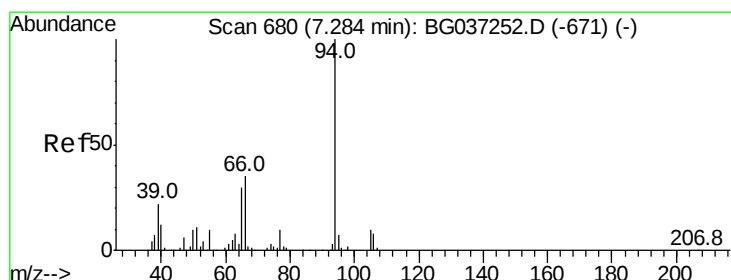
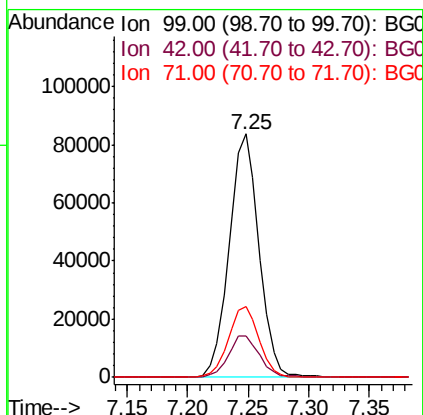
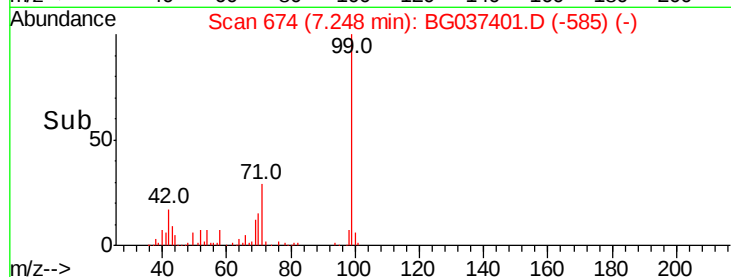
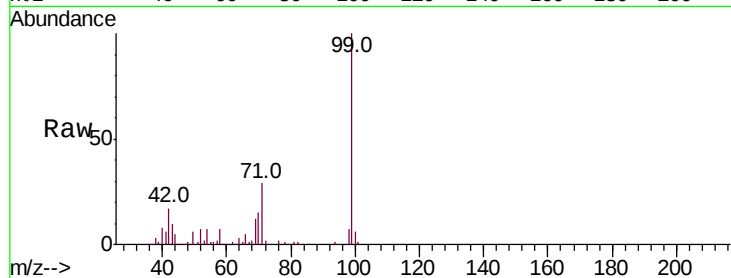
Tot Ion: 99 Resp: 143381

Ion Ratio Lower Upper

99 100

42 17.0 15.0 22.4

71 29.1 25.5 38.3



#10

Phenol

Concen: 4.720 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

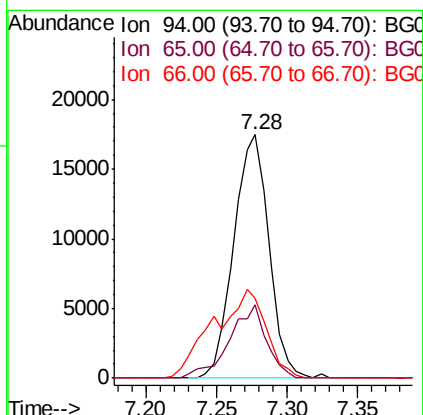
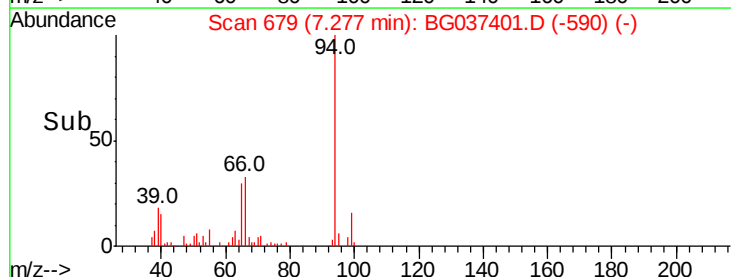
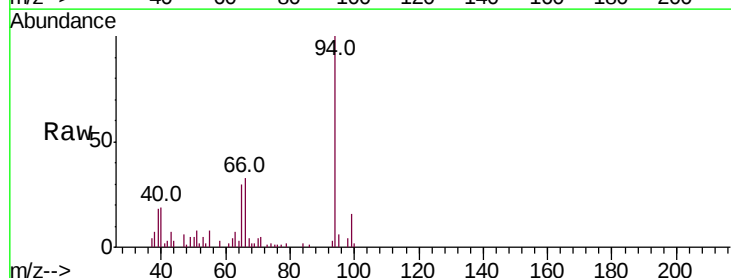
Tgt Ion: 94 Resp: 30422

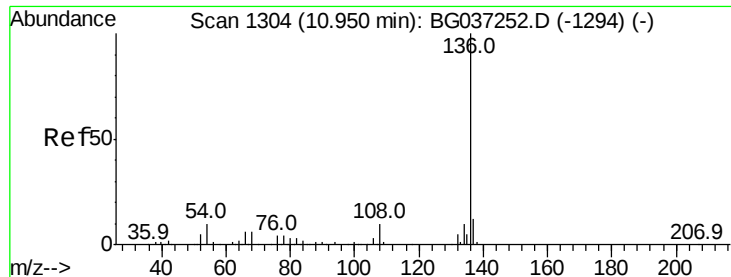
Ion Ratio Lower Upper

94 100

65 29.9 9.7 49.7

66 32.9 15.9 55.9

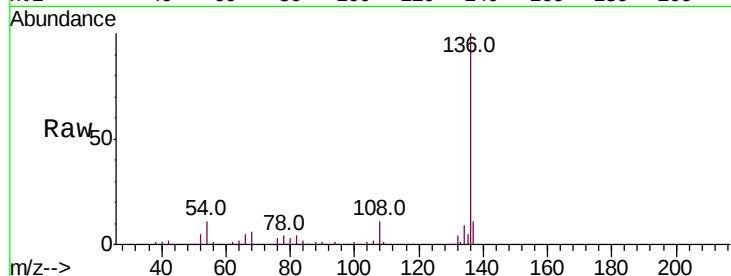




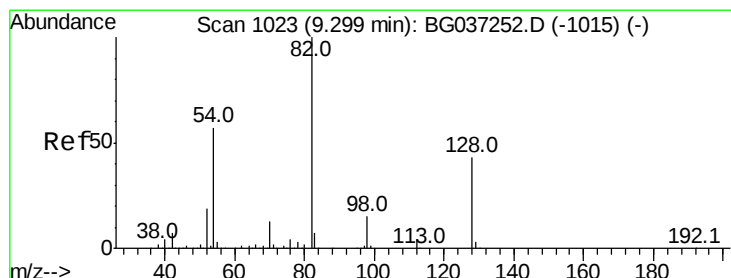
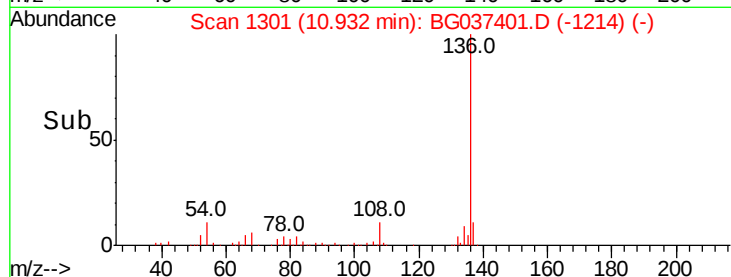
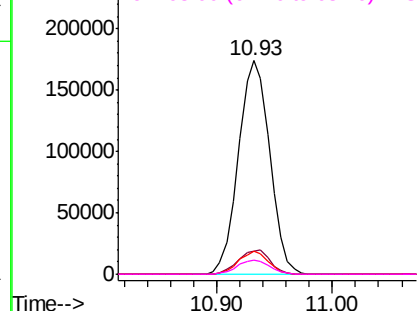
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037401.D
Acq: 17 Oct 2018 22:04

Instrument :
BNA_G
ClientSampleId :
101518-TIPC-F-U-S

Tot Ion:136	Resp:	326575	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.6	14.4	
54 10.5	7.9	11.9	
68 6.4	4.8	7.2	

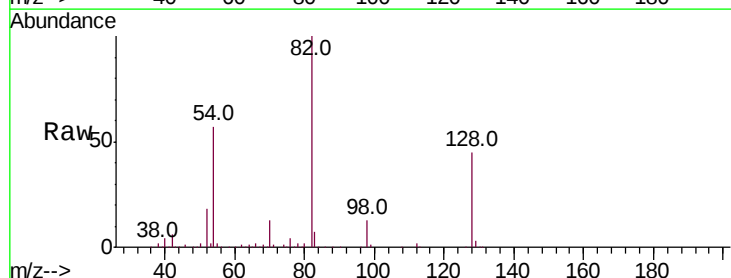


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

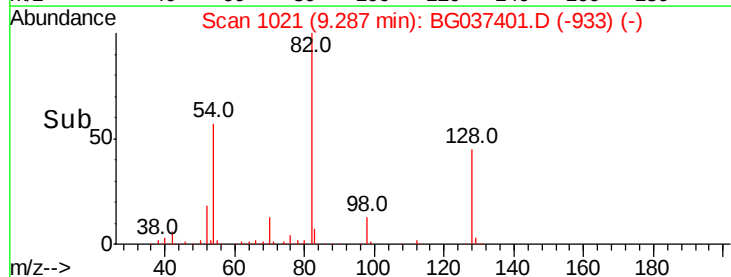
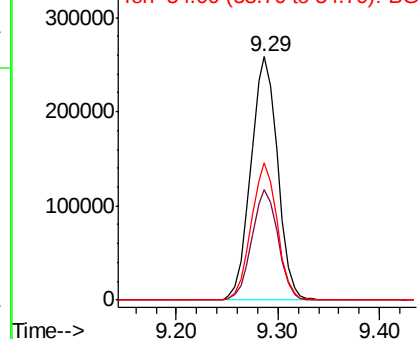


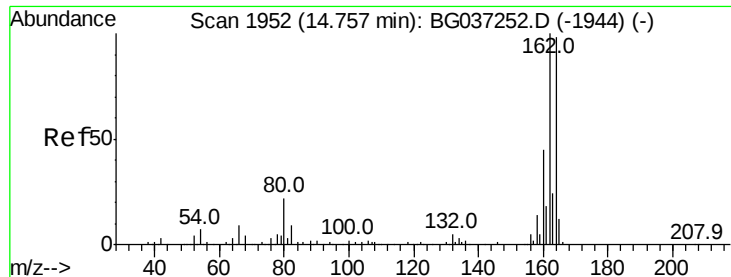
#23
Nitrobenzene-d5
Concen: 94.939 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037401.D
Acq: 17 Oct 2018 22:04

Tgt Ion: 82	Resp: 471591
Ion Ratio	Lower Upper
82 100	
128 45.5	34.6 51.8
54 56.6	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# 1950

Delta R.T. -0.01 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-U-S

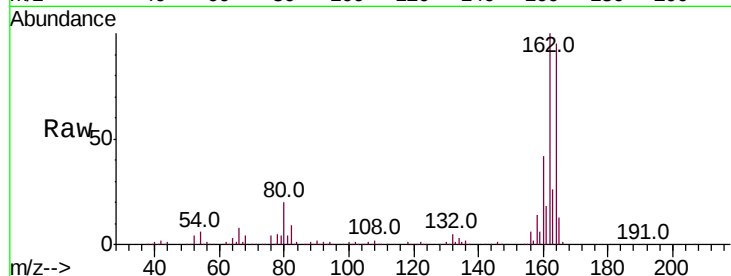
Tot Ion:164 Resp: 231353

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

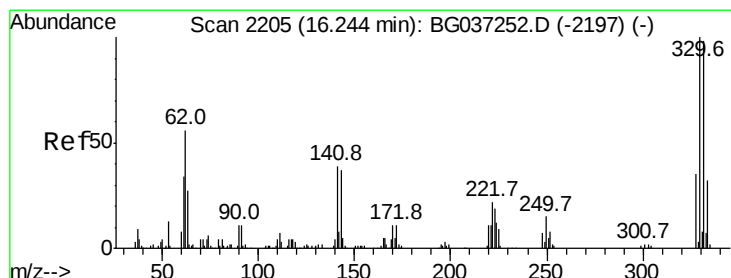
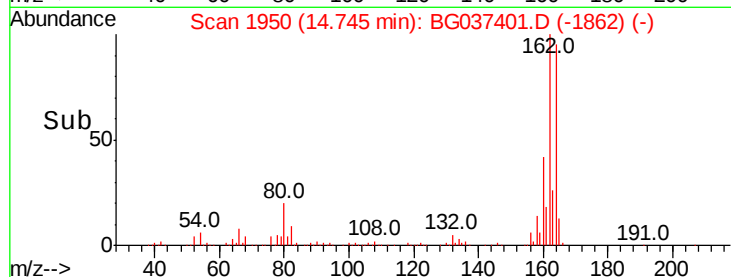
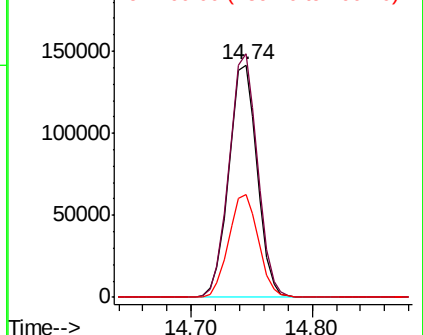
160 44.0 36.3 54.5



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: 86.391 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

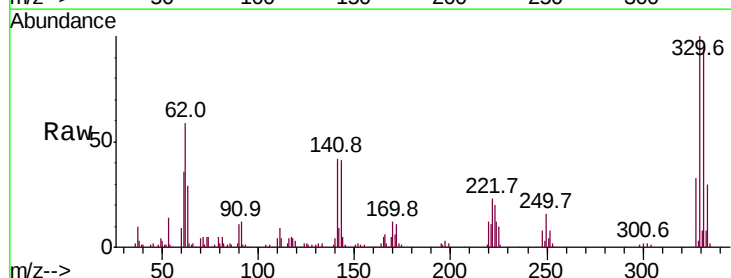
Tgt Ion:330 Resp: 196015

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

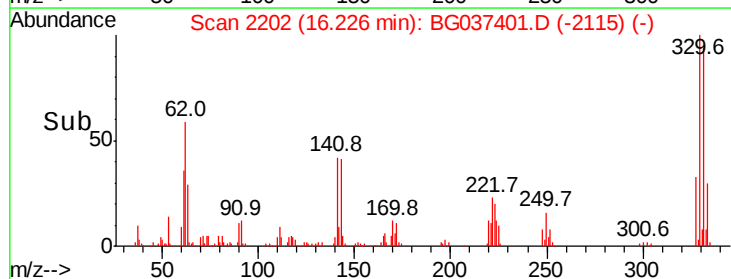
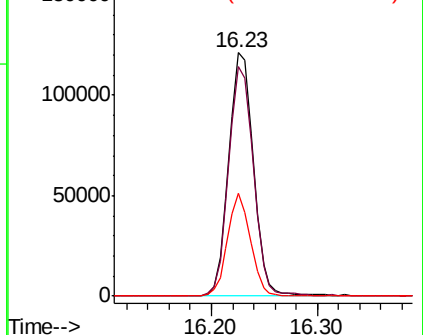
141 39.5 32.2 48.2

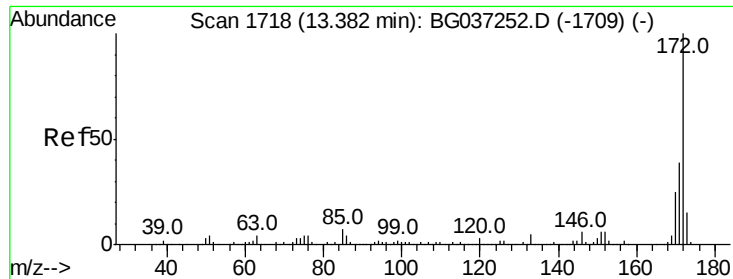


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



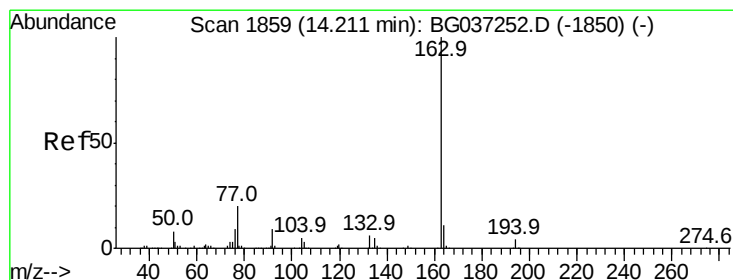
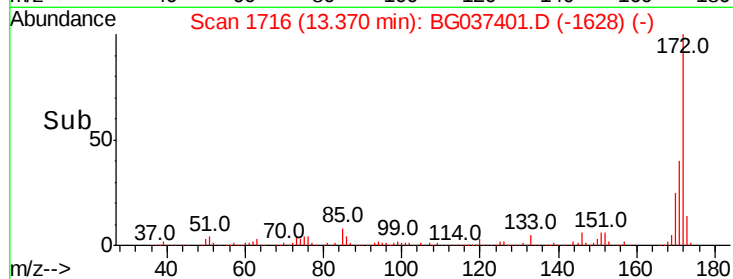
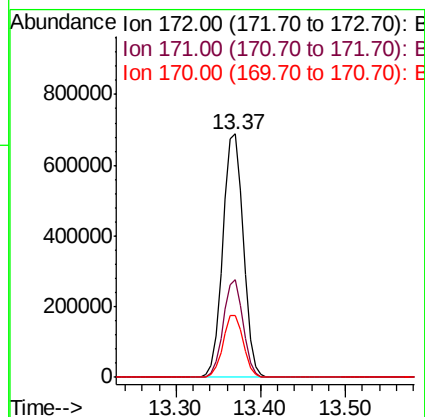
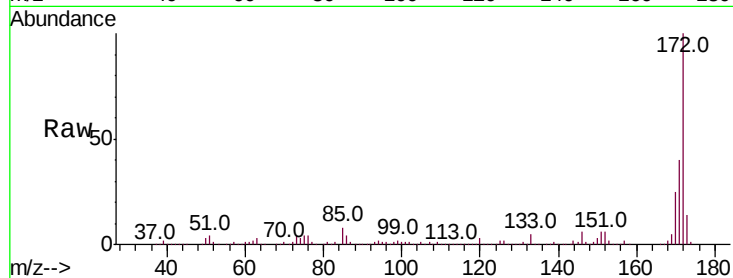


#45
 2-Fluorobiphenyl
 Concen: 75.508 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037401.D
 Acq: 17 Oct 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 101518-TIPC-F-U-S

Tot Ion:172 Resp: 1163236

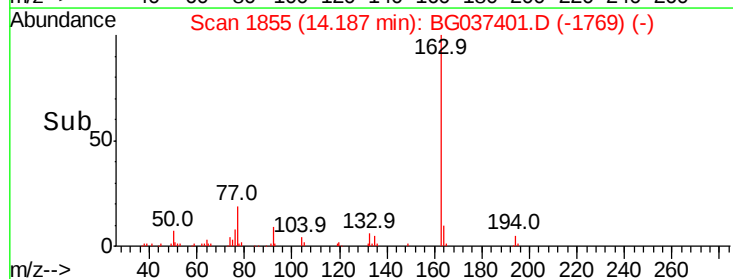
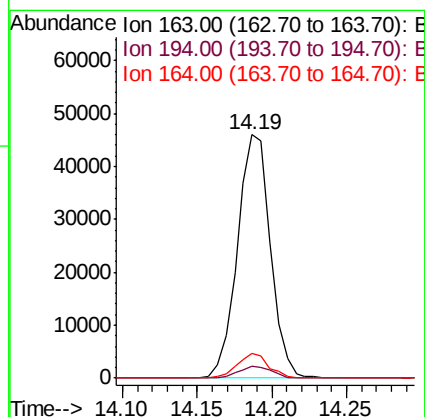
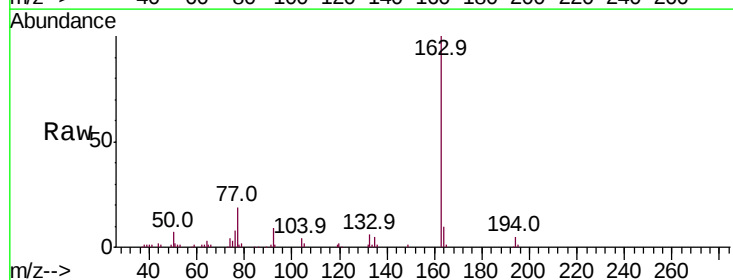
Ion	Ratio	Lower	Upper
172	100		
171	40.2	31.0	46.4
170	25.5	20.2	30.2

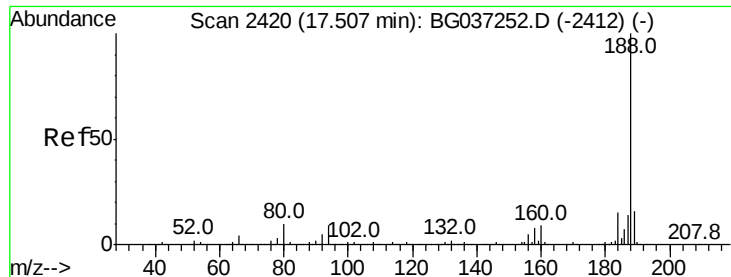


#50
 Dimethylphthalate
 Concen: 3.875 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.02 min
 Lab File: BG037401.D
 Acq: 17 Oct 2018 22:04

Tgt Ion:163 Resp: 70455

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.3	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-U-S

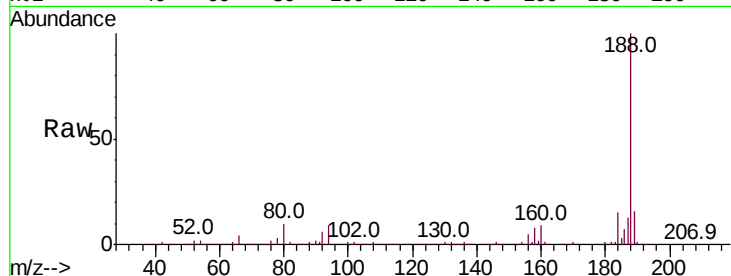
Tot Ion:188 Resp: 574533

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

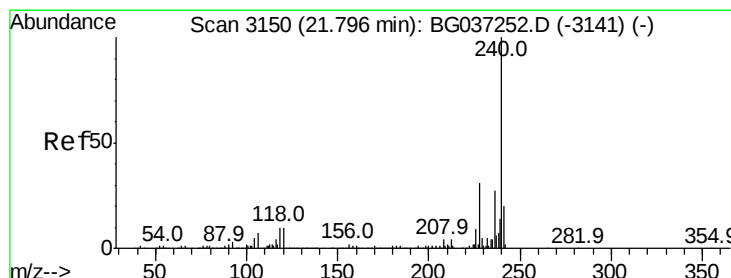
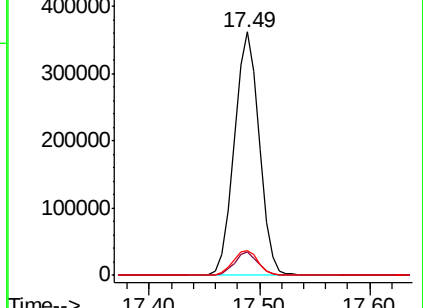
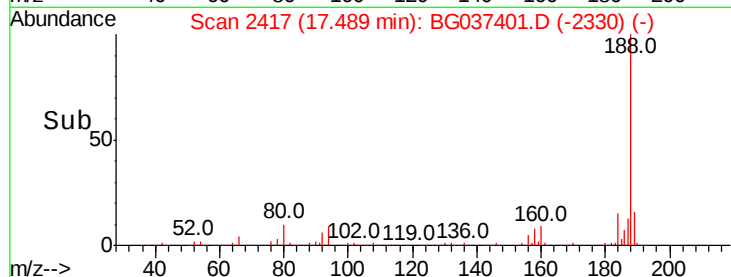
80 10.2 7.7 11.5



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: BG037401.D

Acq: 17 Oct 2018 22:04

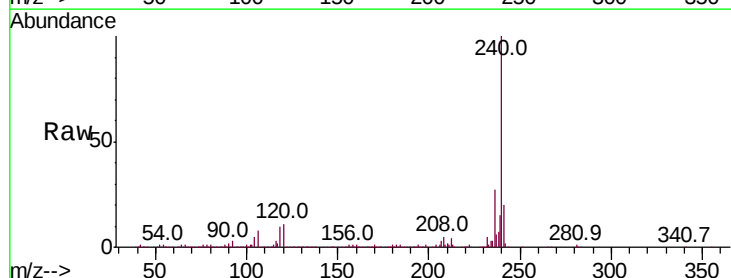
Tgt Ion:240 Resp: 531918

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

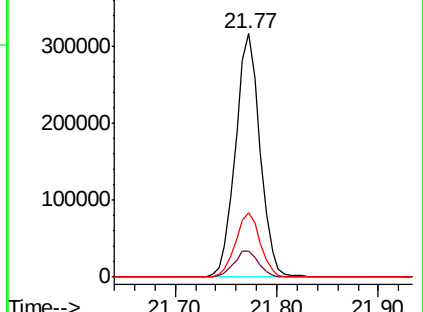
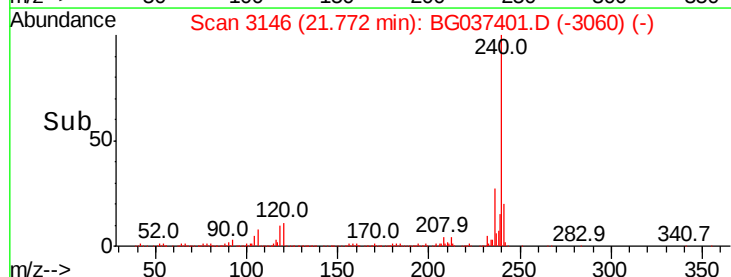
236 26.5 21.4 32.0

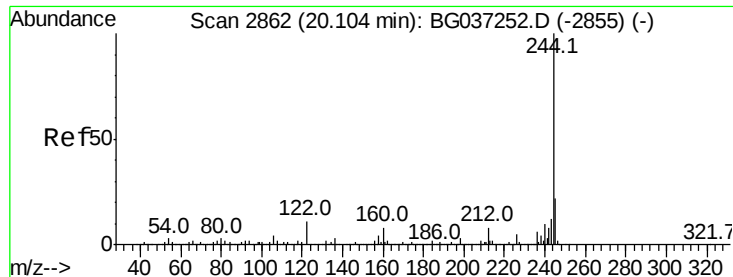


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.054 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

Instrument :

BNA_G

ClientSampleId :

101518-TIPC-F-U-S

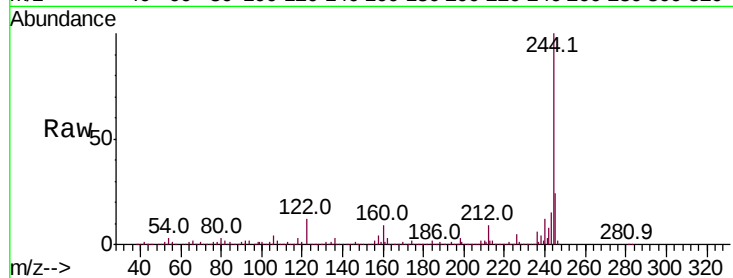
Tot Ion:244 Resp: 1673303

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	11.8	9.0	13.4

244 100

212 9.0 6.5 9.7

122 11.8 9.0 13.4

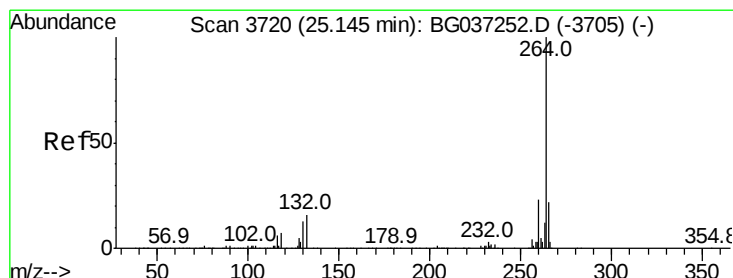
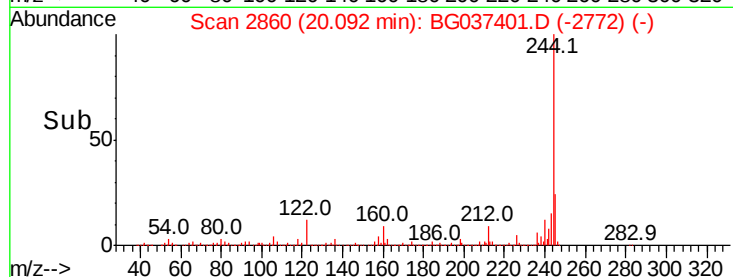
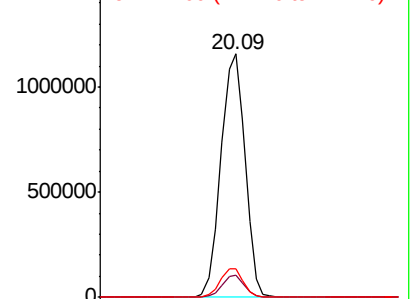


Abundance

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: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037401.D

Acq: 17 Oct 2018 22:04

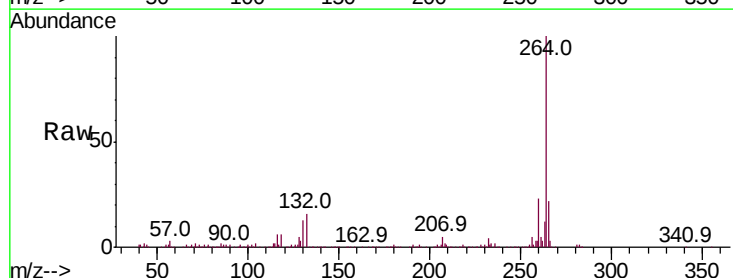
Tgt Ion:264 Resp: 538370

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.9	17.9	26.9

264 100

260 23.2 18.2 27.4

265 21.9 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

