

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037657.D
 Acq On : 30 Oct 2018 17:19
 Operator : JU/SJ
 Sample : J5692-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDW-20181025

Quant Time: Oct 31 09:02:15 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

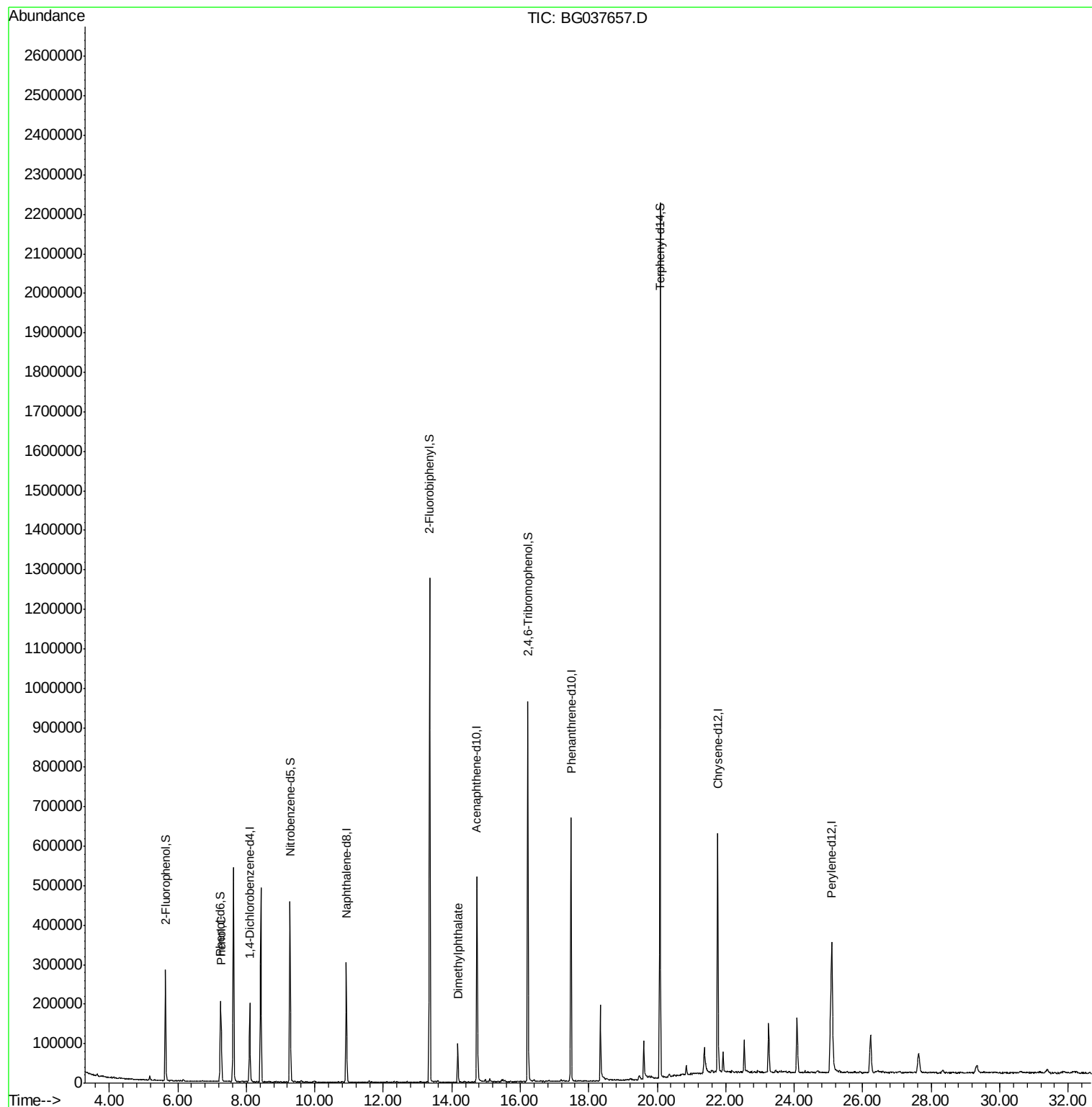
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	60377	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	271741	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	185835	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	440612	20.00	ng	0.00
76) Chrysene-d12	21.77	240	391526	20.00	ng	0.00
87) Perylene-d12	25.10	264	401945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	134550	37.26	ng	0.00
7) Phenol-d6	7.24	99	124630	22.82	ng	0.00
23) Nitrobenzene-d5	9.27	82	288669	59.51	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	176878	87.27	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	710096	57.62	ng	0.00
79) Terphenyl-d14	20.08	244	1054867	57.57	ng	0.00
Target Compounds						
10) Phenol	7.27	94	98982	17.179	ng	97
50) Dimethylphthalate	14.17	163	69602	4.841	ng	98

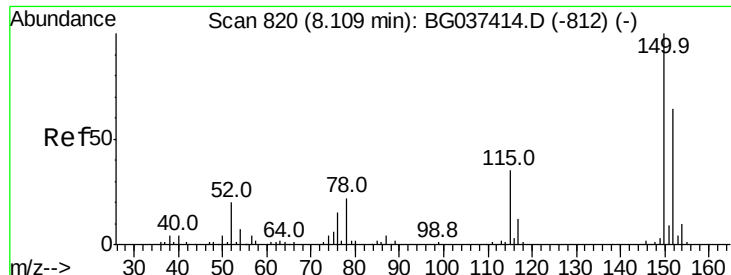
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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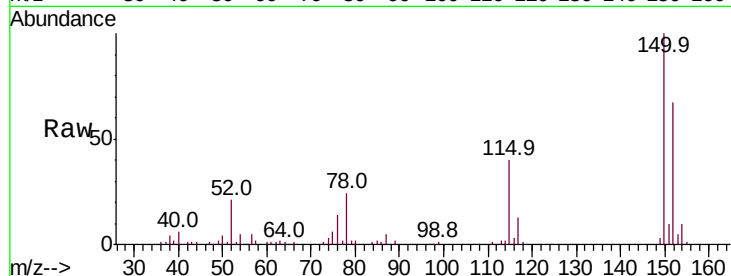


#1

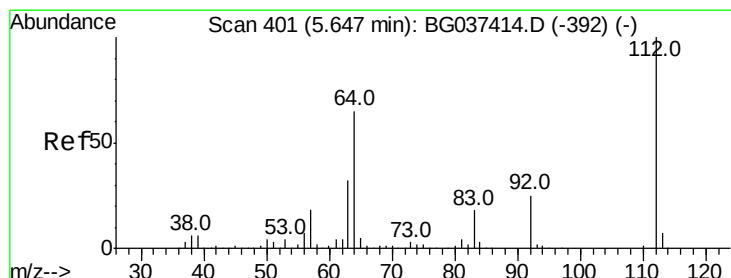
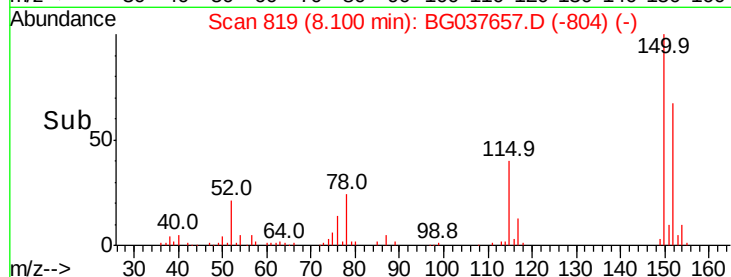
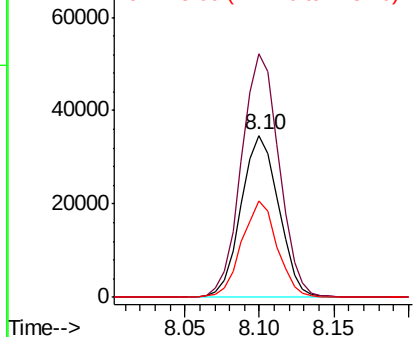
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDW-20181025

Tot Ion:152 Resp: 60377
 Ion Ratio Lower Upper
 152 100
 150 150.3 126.0 189.0
 115 59.6 45.5 68.3



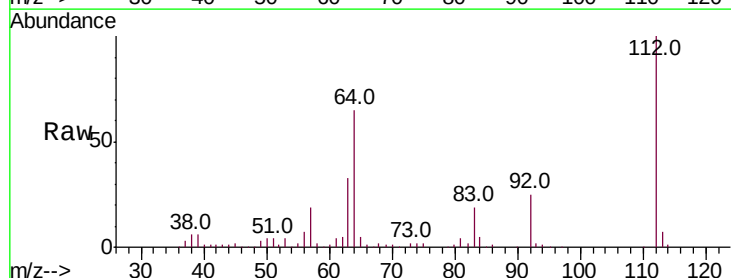
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



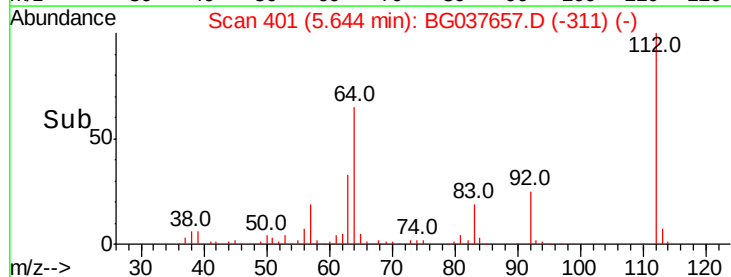
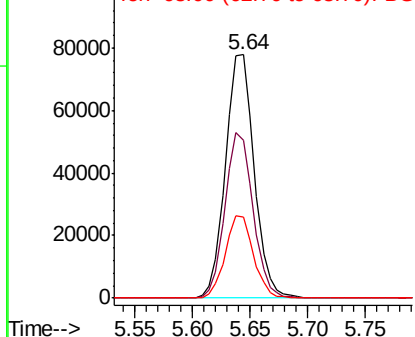
#5

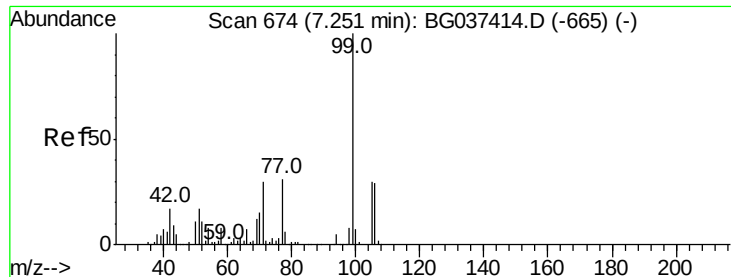
2-Fluorophenol
 Concen: 37.257 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037657.D
 Acq: 30 Oct 2018 17:19

Tgt Ion:112 Resp: 134550
 Ion Ratio Lower Upper
 112 100
 64 64.8 53.1 79.7
 63 33.2 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: 22.822 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

Instrument :

BNA_G

ClientSampleId :

CAL-IDW-20181025

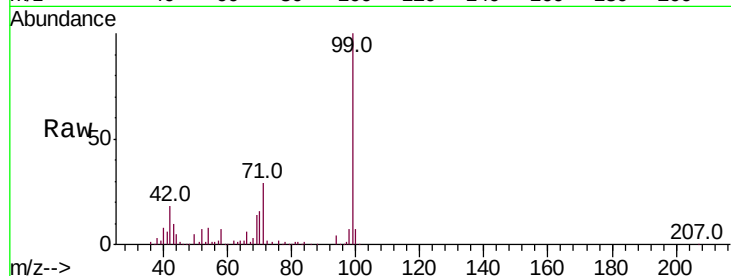
Tot Ion: 99 Resp: 124630

Ion Ratio Lower Upper

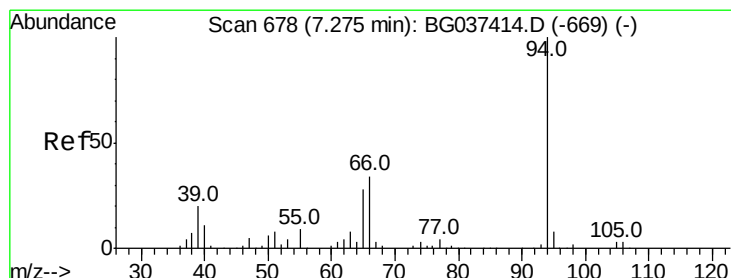
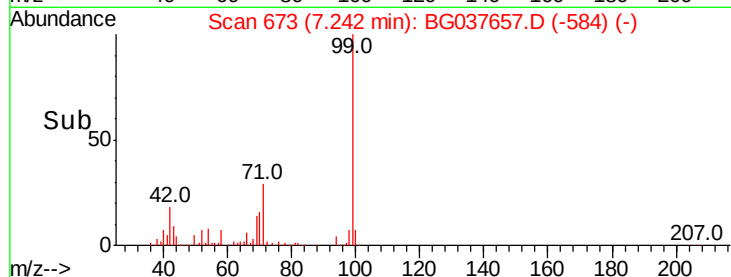
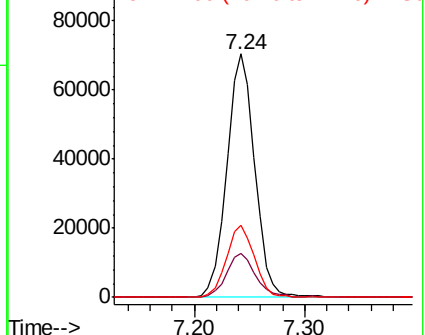
99 100

42 17.8 15.0 22.4

71 29.5 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



#10

Phenol

Concen: 17.179 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

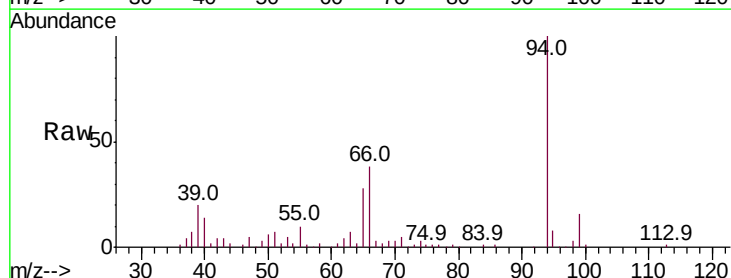
Tgt Ion: 94 Resp: 98982

Ion Ratio Lower Upper

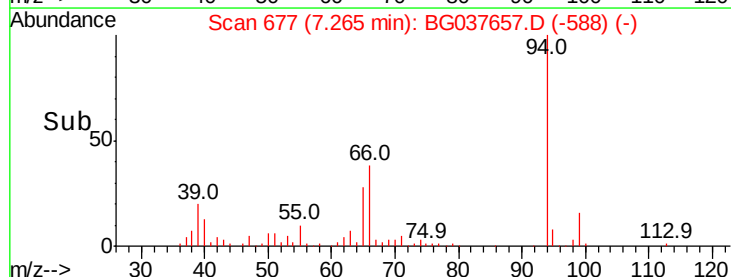
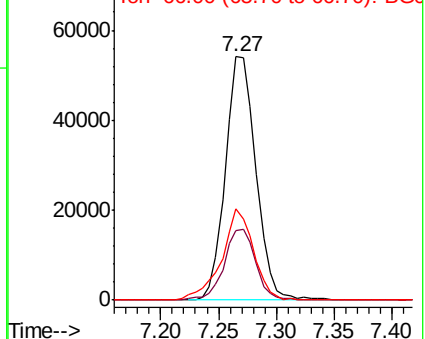
94 100

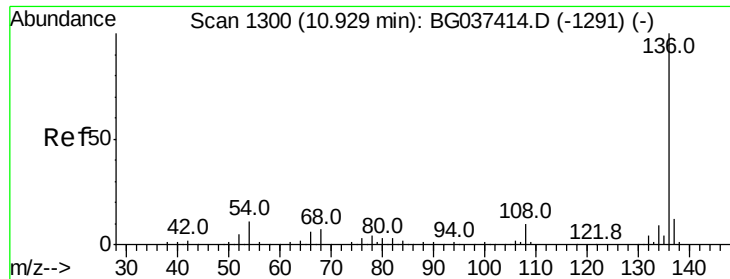
65 28.3 9.7 49.7

66 37.6 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

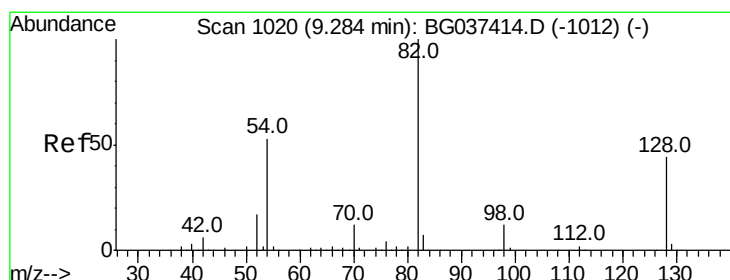
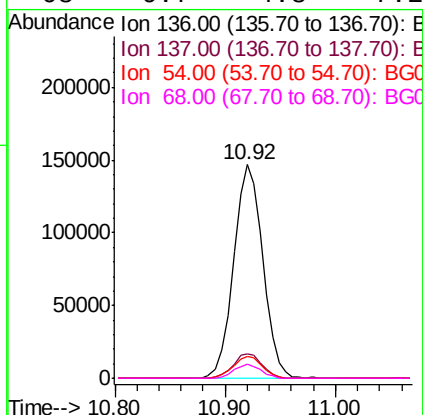
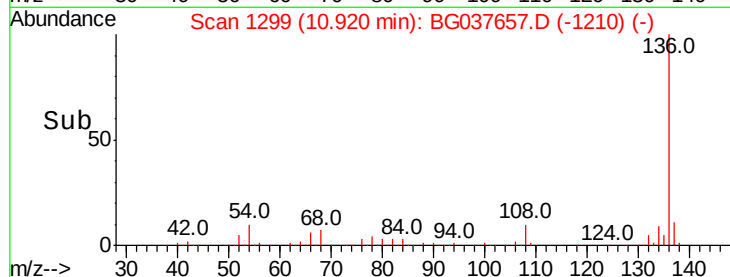
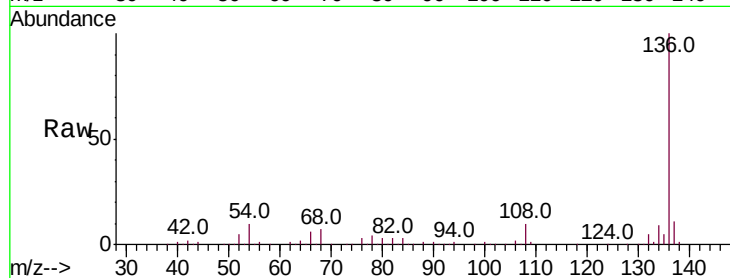




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

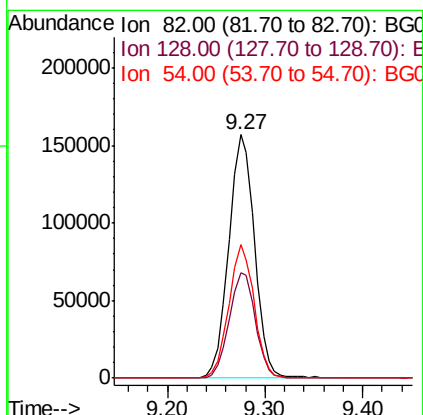
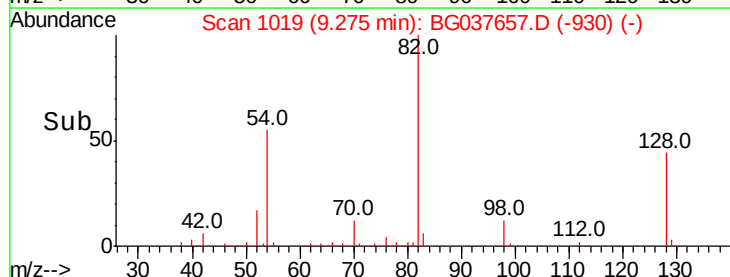
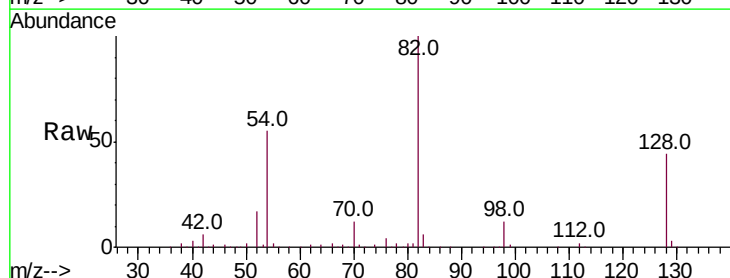
Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

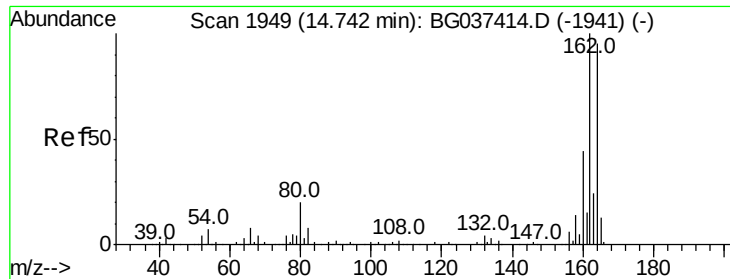
Tot Ion:	136	Resp:	271741
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.5	7.9	11.9
68	6.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 59.509 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion:	82	Resp:	288669
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	54.7	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: BG037657.D

Acq: 30 Oct 2018 17:19

Instrument :

BNA_G

ClientSampleId :

CAL-IDW-20181025

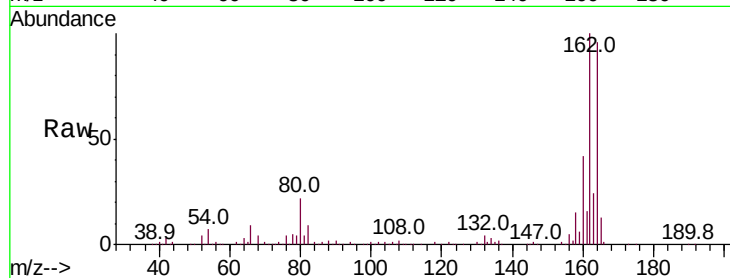
Tot Ion:164 Resp: 185835

Ion Ratio Lower Upper

164 100

162 104.5 81.3 121.9

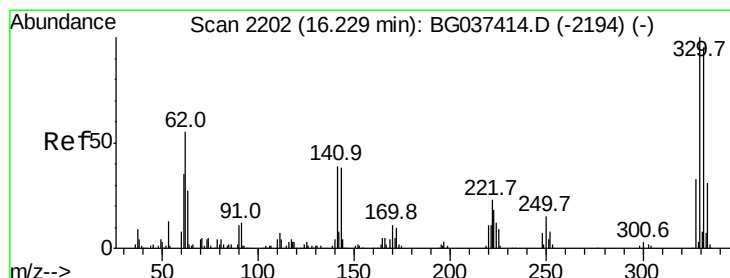
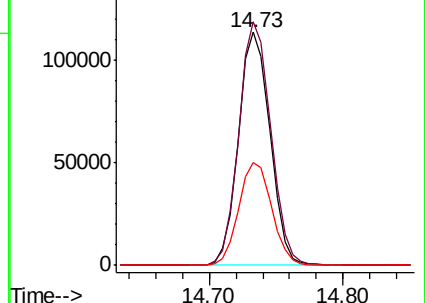
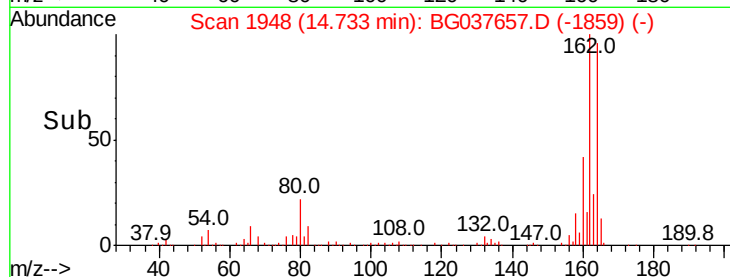
160 44.4 36.3 54.5



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: 87.266 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

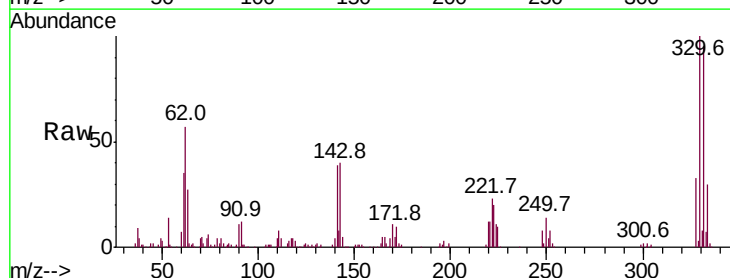
Tgt Ion:330 Resp: 176878

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

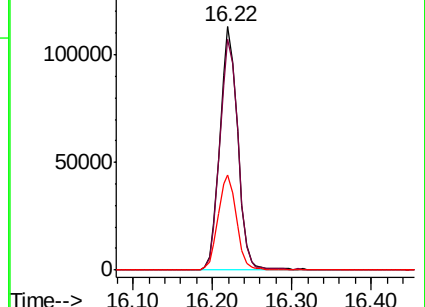
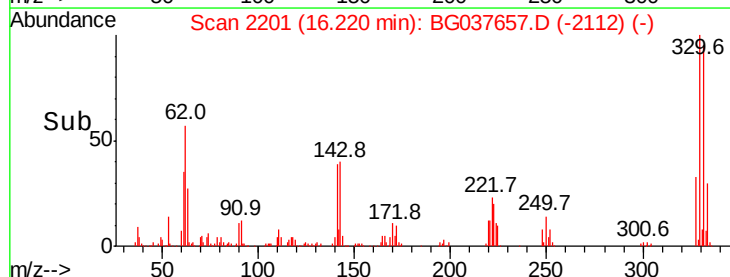
141 40.1 32.2 48.2

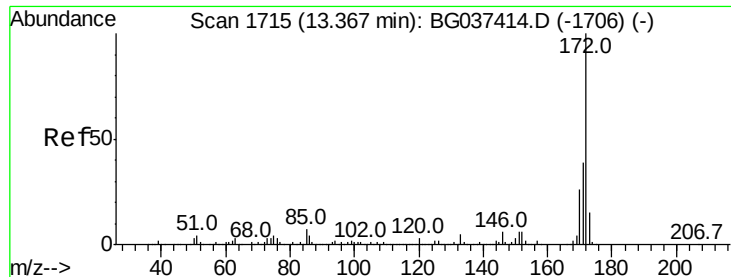


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

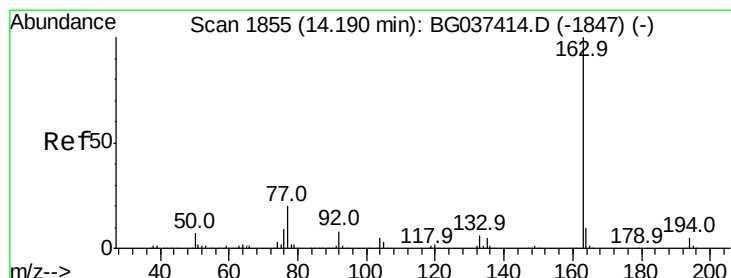
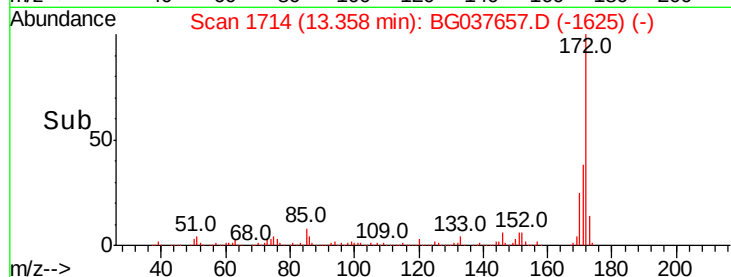
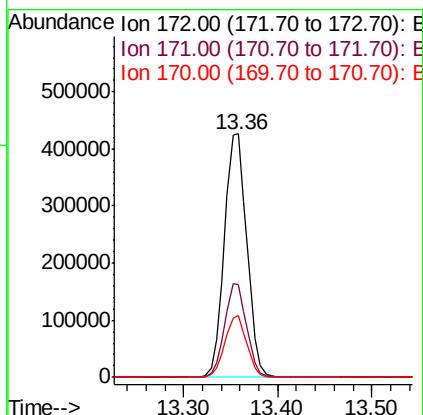
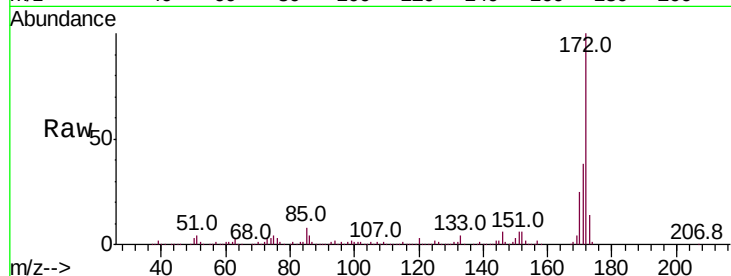




#45
2-Fluorobiphenyl
Concen: 57.620 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

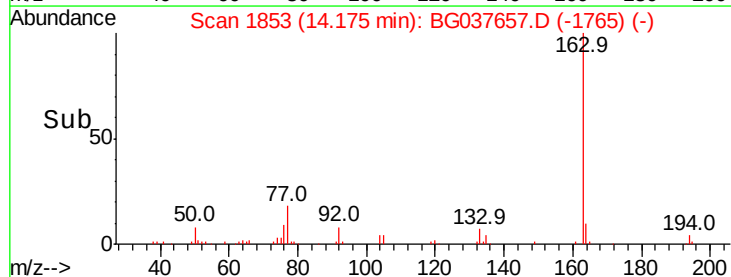
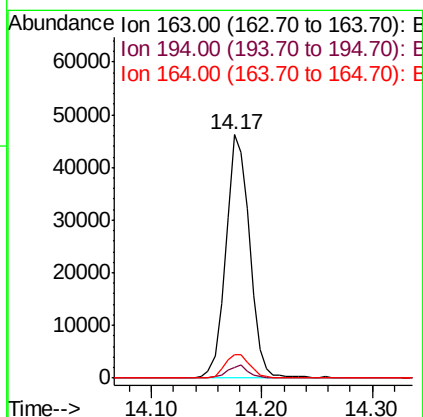
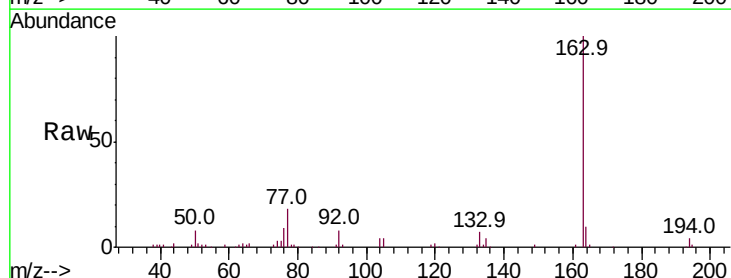
Instrument :
BNA_G
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CAL-IDW-20181025

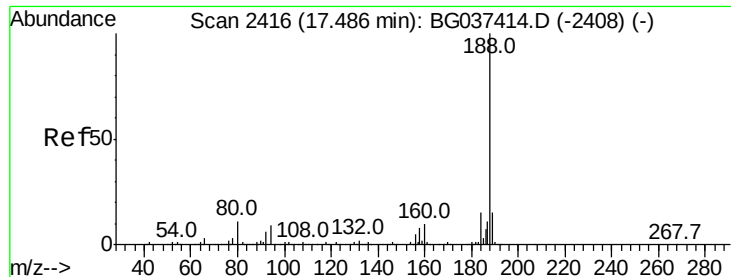
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	25.3	20.2	30.2



#50
Dimethylphthalate
Concen: 4.841 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.9	8.5	12.7

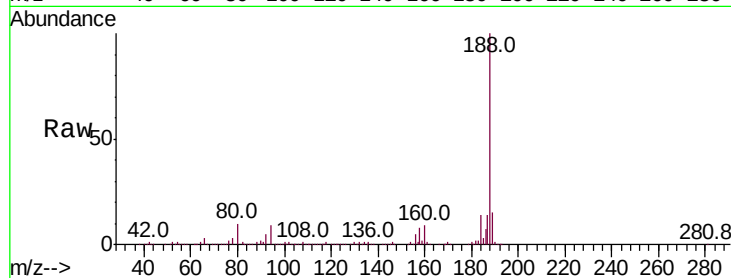




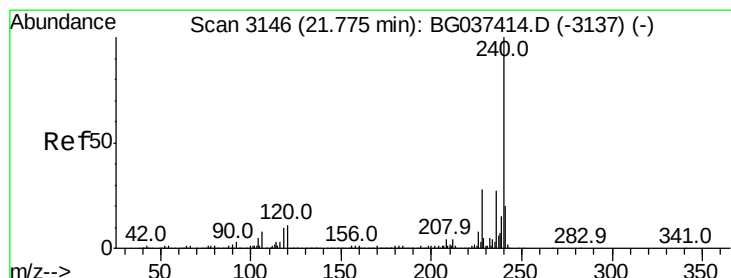
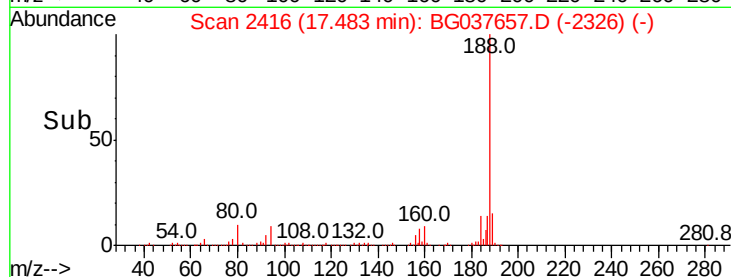
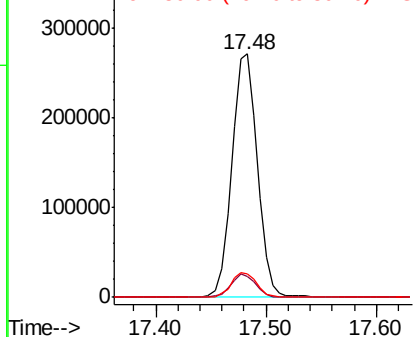
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tot Ion:188 Resp: 440612
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.8 7.7 11.5

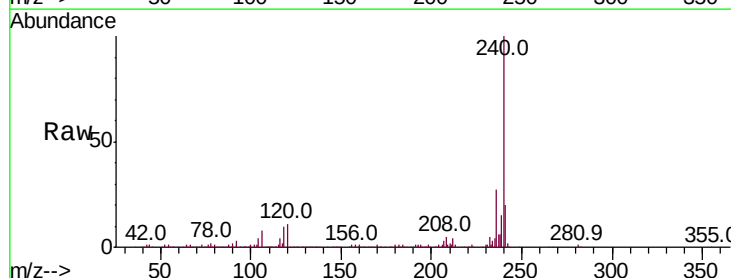


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

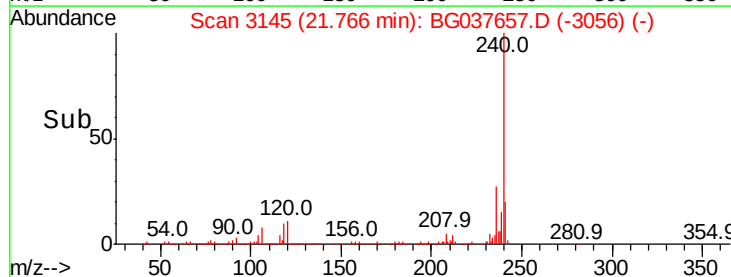
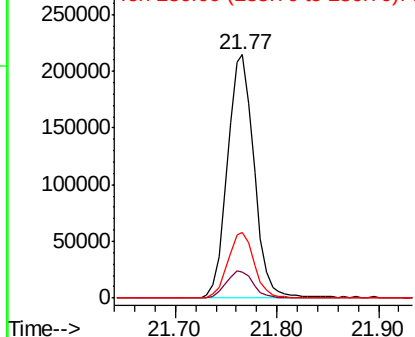


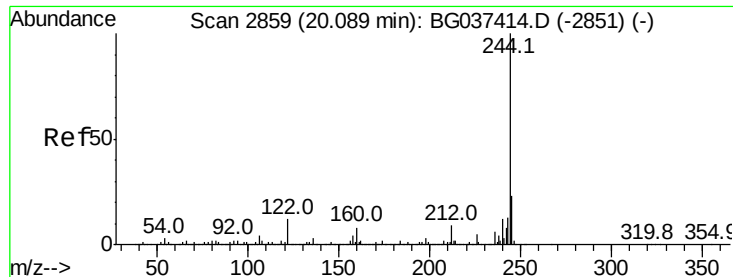
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037657.D
Acq: 30 Oct 2018 17:19

Tgt Ion:240 Resp: 391526
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: 57.570 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

Instrument :

BNA_G

ClientSampleId :

CAL-IDW-20181025

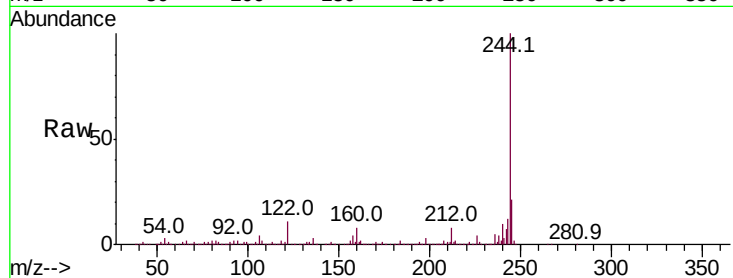
Tot Ion:244 Resp: 1054867

Ion Ratio Lower Upper

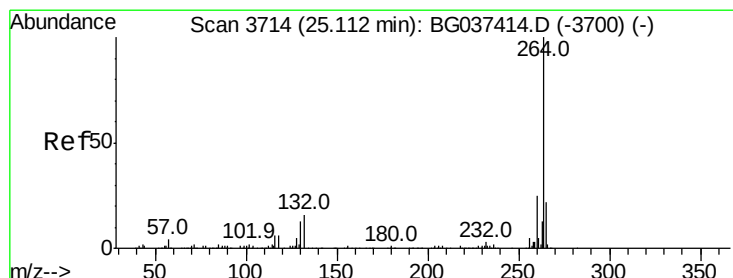
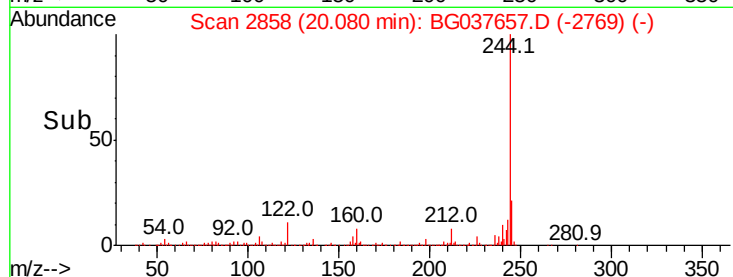
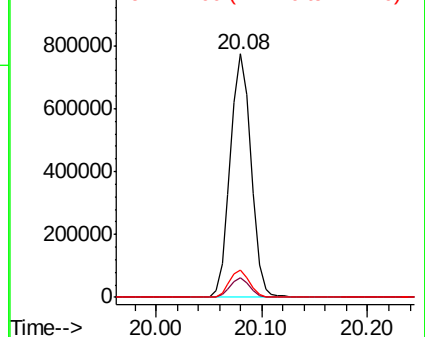
244 100

212 8.0 6.5 9.7

122 11.1 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# 3712

Delta R.T. -0.02 min

Lab File: BG037657.D

Acq: 30 Oct 2018 17:19

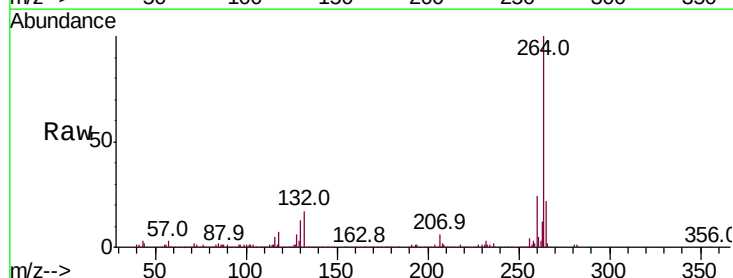
Tgt Ion:264 Resp: 401945

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.5 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

