

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037843.D
 Acq On : 6 Nov 2018 18:05
 Operator : JU/SJ
 Sample : J5819-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BES48_SB01_4-4.5

Quant Time: Nov 07 09:34:33 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

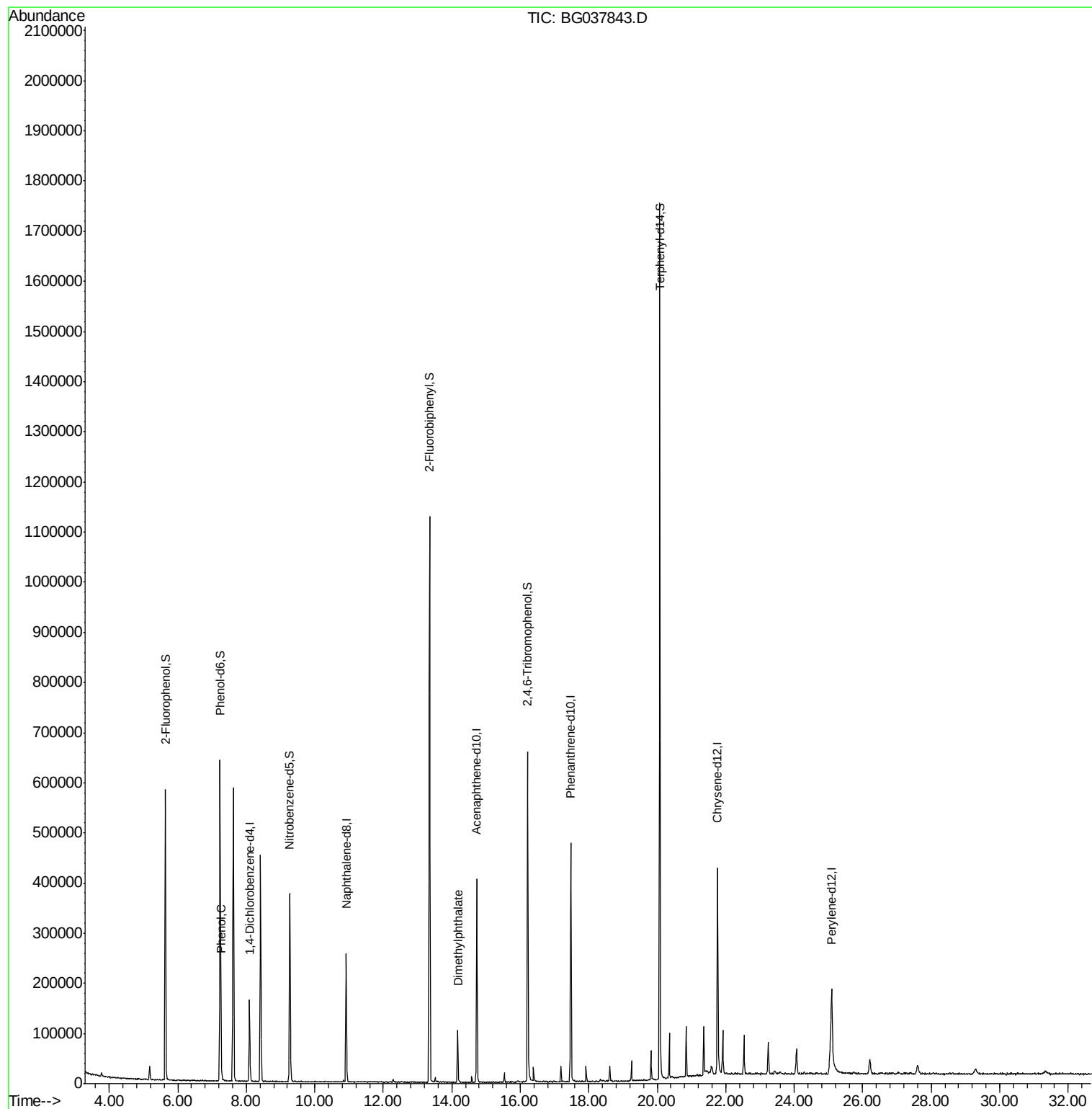
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50555	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	230142	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	147955	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	323139	20.00	ng	0.00
76) Chrysene-d12	21.76	240	281268	20.00	ng	-0.02
87) Perylene-d12	25.09	264	253479	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	274974	90.93	ng	0.00
7) Phenol-d6	7.24	99	414419	90.63	ng	-0.02
23) Nitrobenzene-d5	9.27	82	253360	61.67	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	128596	79.69	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	637349	64.96	ng	-0.02
79) Terphenyl-d14	20.07	244	866606	65.84	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	29729	6.162	ng	94
50) Dimethylphthalate	14.17	163	77358	6.758	ng	98

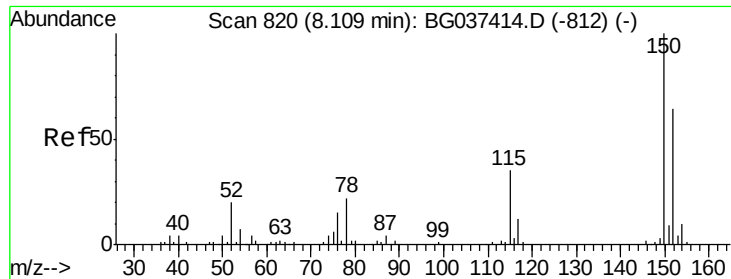
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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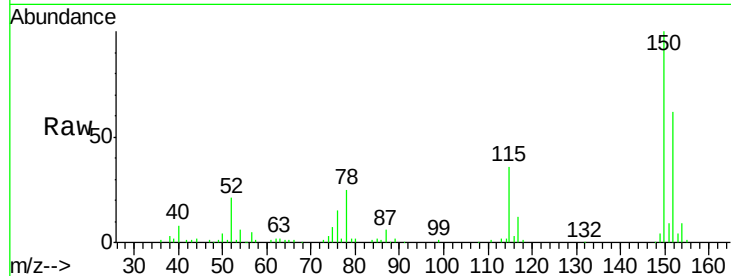


#1

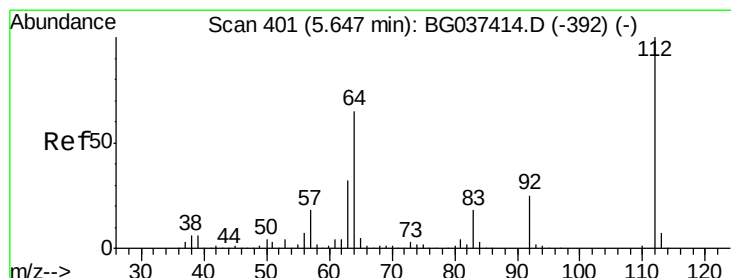
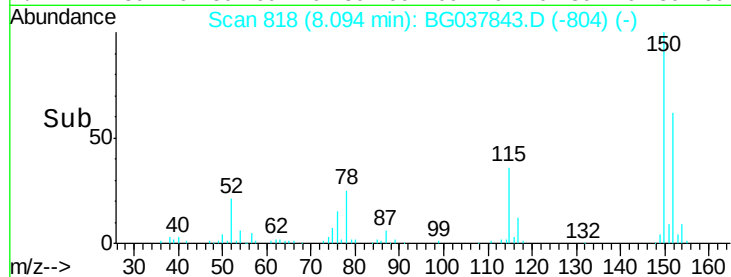
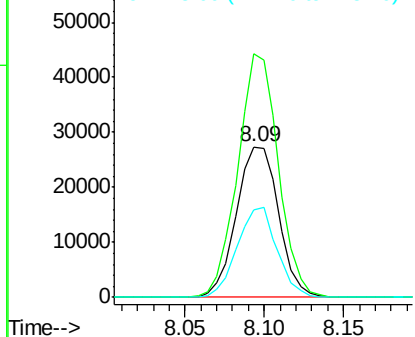
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
BES48_SB01_4-4.5

Tgt Ion:152 Resp: 50555
Ion Ratio Lower Upper
152 100
150 161.6 126.0 189.0
115 58.4 45.5 68.3



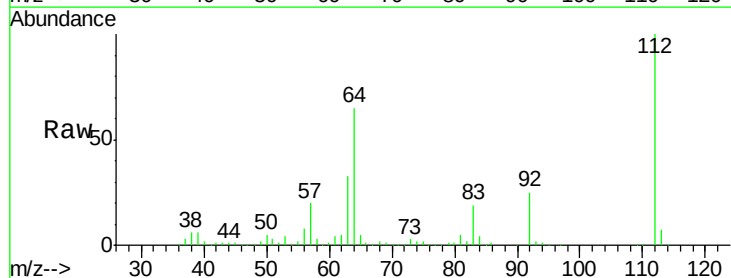
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



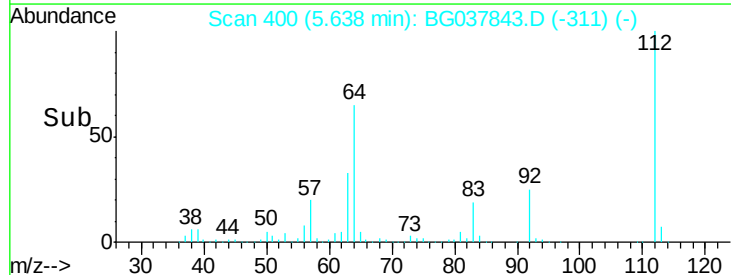
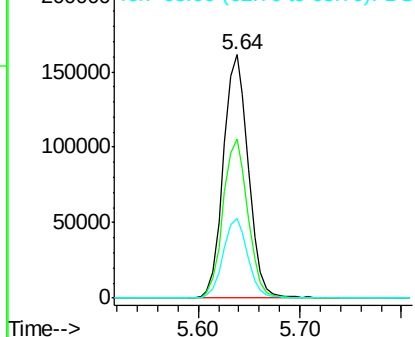
#5

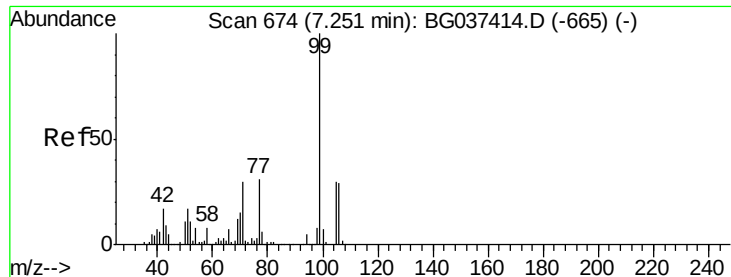
2-Fluorophenol
Concen: 90.934 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Tgt Ion:112 Resp: 274974
Ion Ratio Lower Upper
112 100
64 65.1 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 90.633 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

BES48_SB01_4-4.5

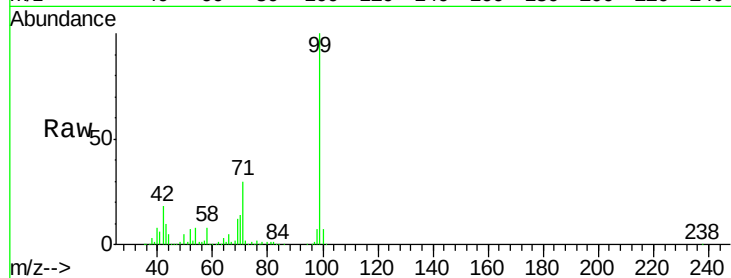
Tgt Ion: 99 Resp: 414419

Ion Ratio Lower Upper

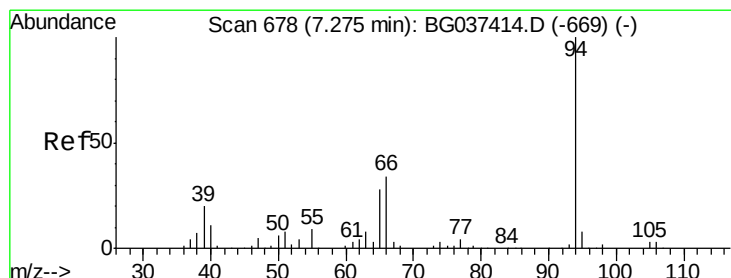
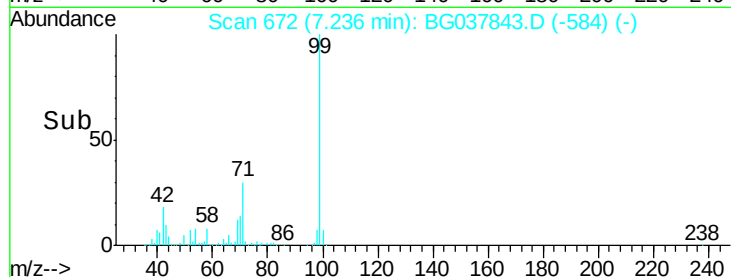
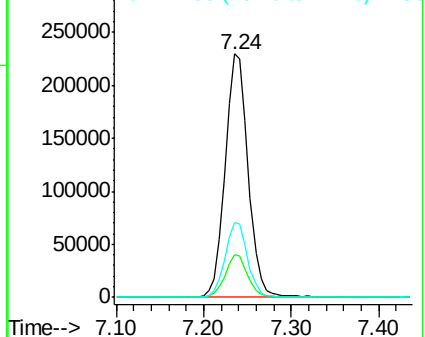
99 100

42 17.7 15.0 22.4

71 30.4 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: 6.162 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

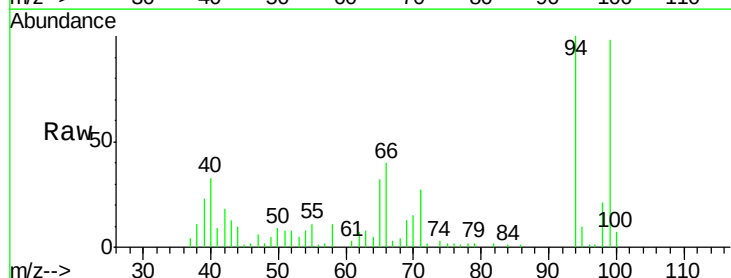
Tgt Ion: 94 Resp: 29729

Ion Ratio Lower Upper

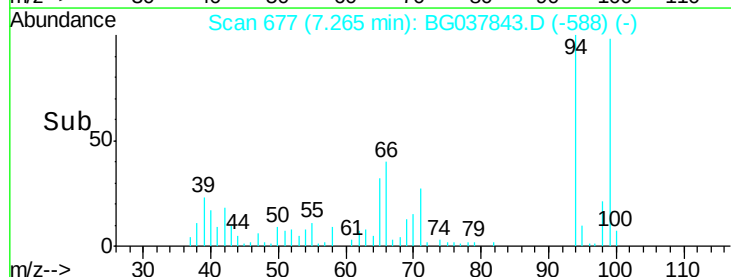
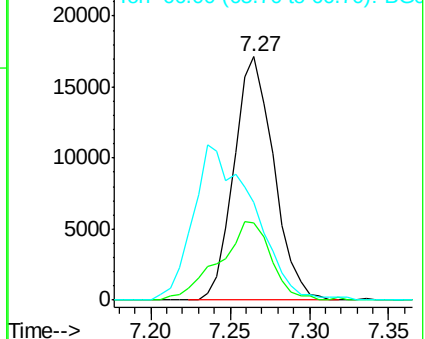
94 100

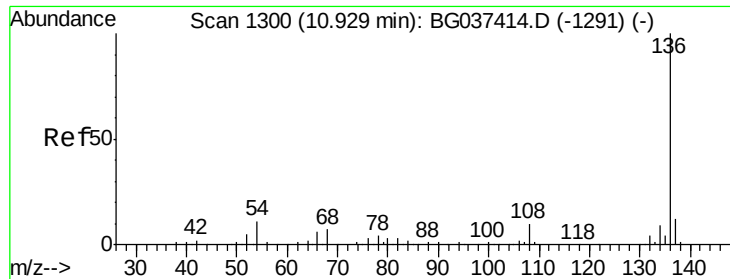
65 31.7 9.7 49.7

66 40.4 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

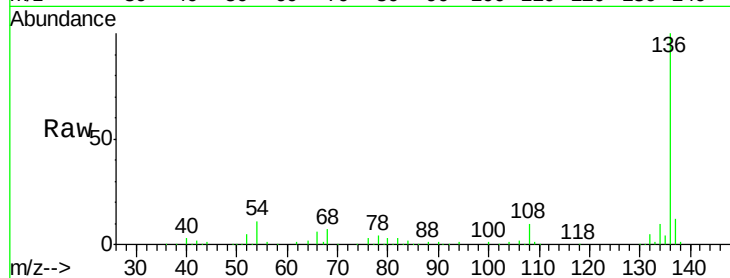




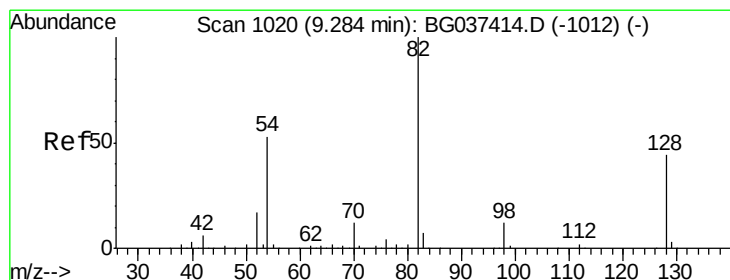
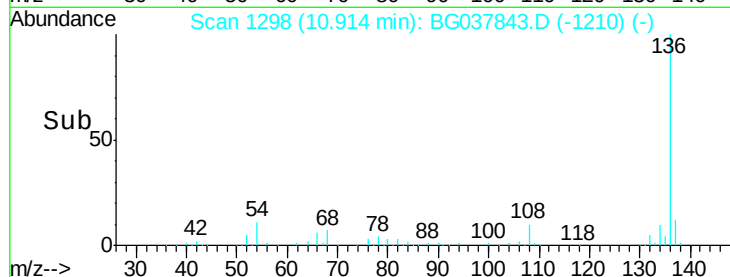
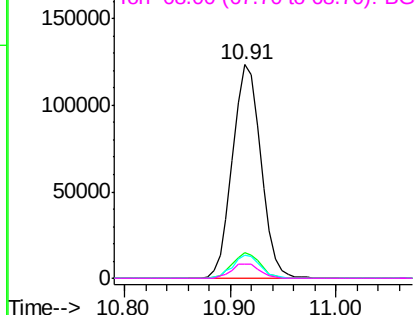
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
BES48_SB01_4-4.5

Tgt Ion:	136	Resp:	230142
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.8	7.9	11.9
68	6.6	4.8	7.2

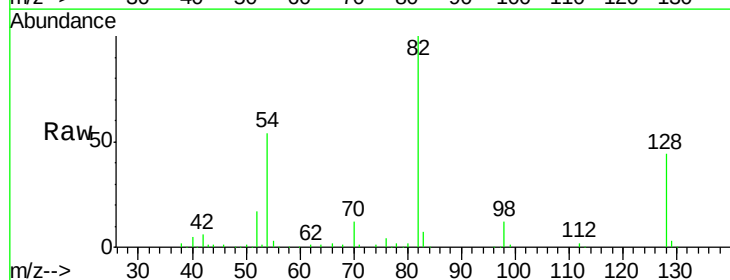


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

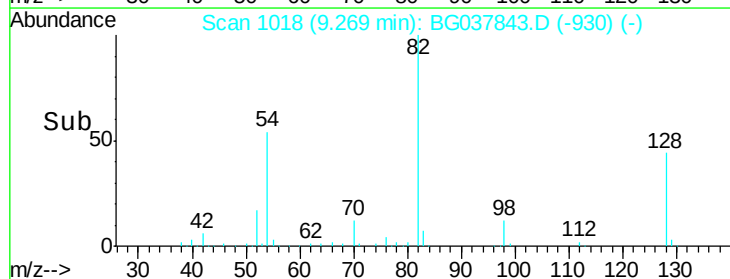
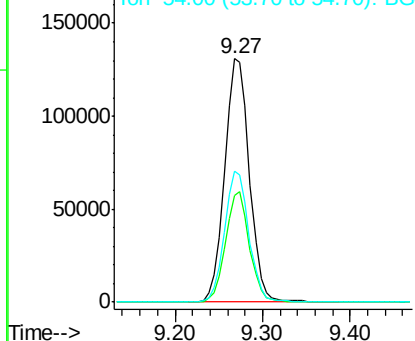


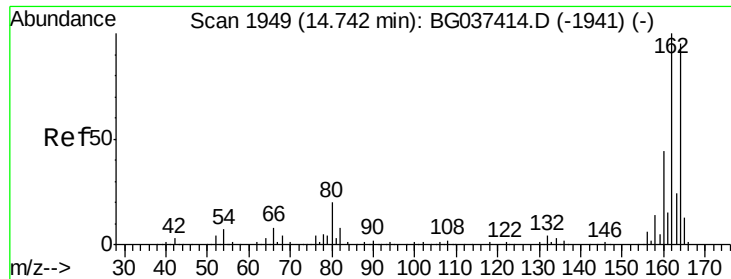
#23
Nitrobenzene-d5
Concen: 61.670 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Tgt Ion:	82	Resp:	253360
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	53.6	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

BES48_SB01_4-4.5

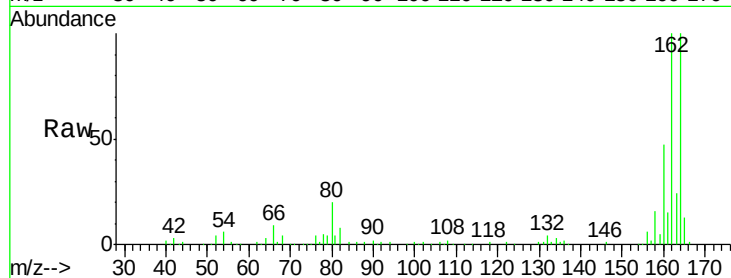
Tgt Ion:164 Resp: 147955

Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

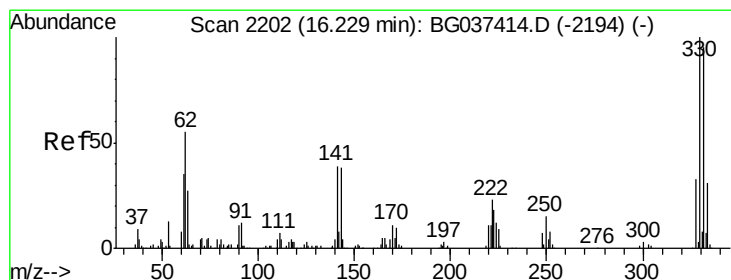
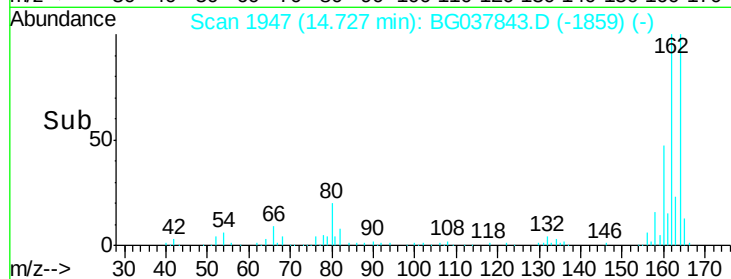
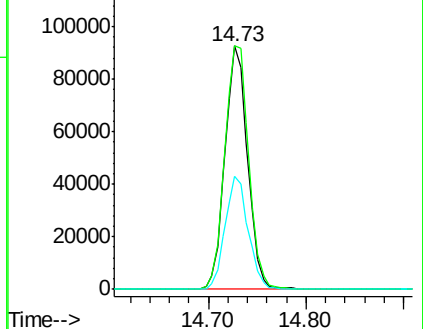
160 46.6 36.3 54.5



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: 79.689 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

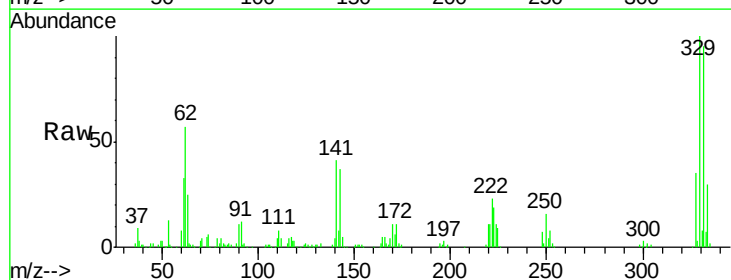
Tgt Ion:330 Resp: 128596

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

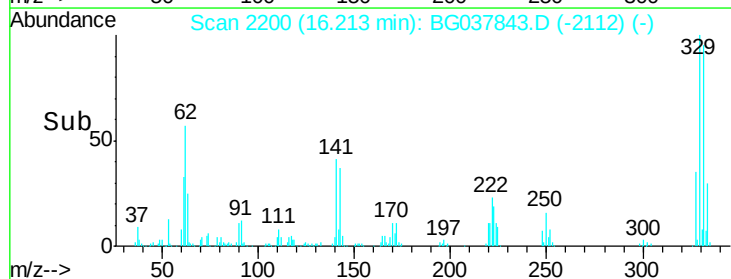
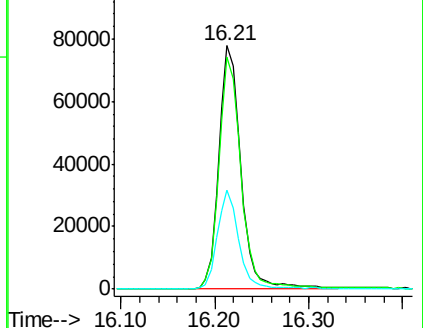
141 38.9 32.2 48.2

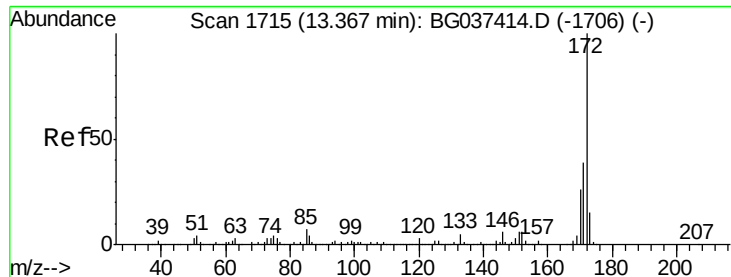


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

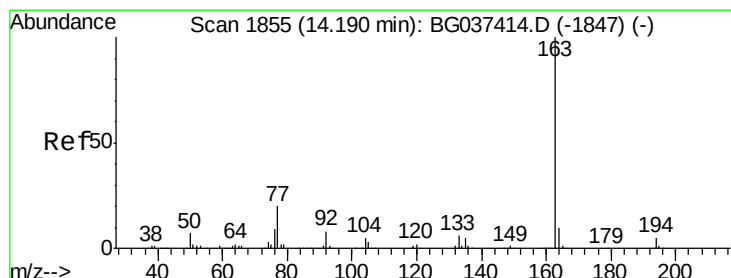
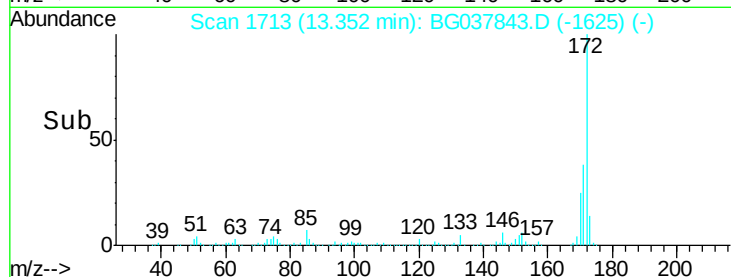
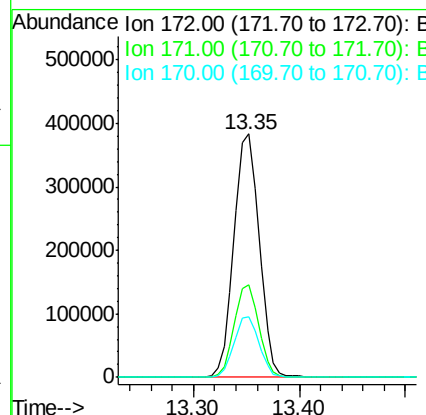
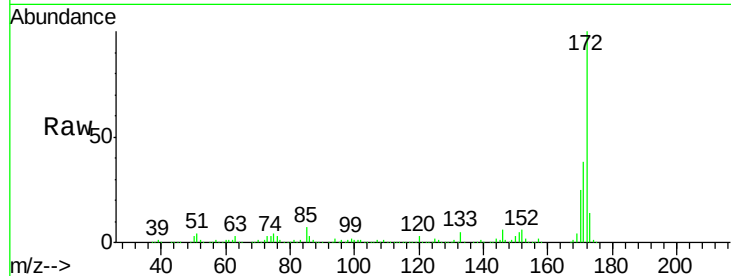




#45
2-Fluorobiphenyl
Concen: 64.958 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

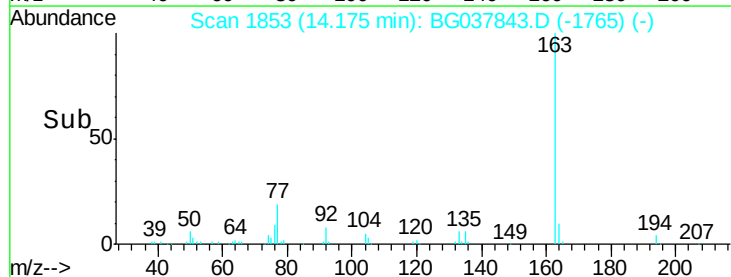
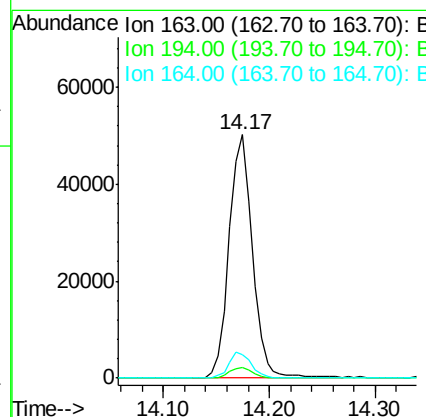
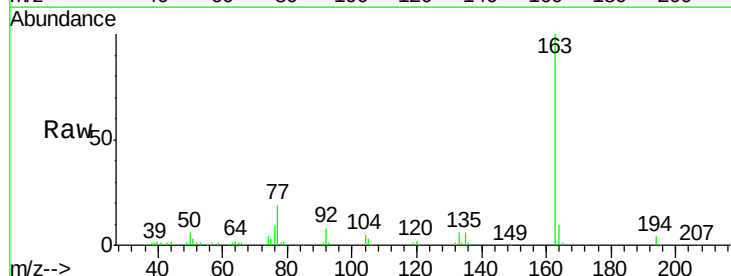
Instrument :
BNA_G
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BES48_SB01_4-4.5

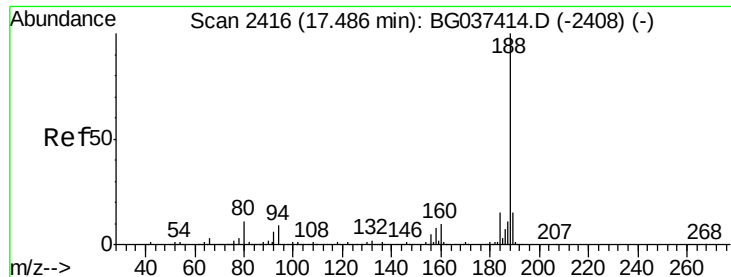
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.8	20.2	30.2



#50
Dimethylphthalate
Concen: 6.758 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	9.6	8.5	12.7

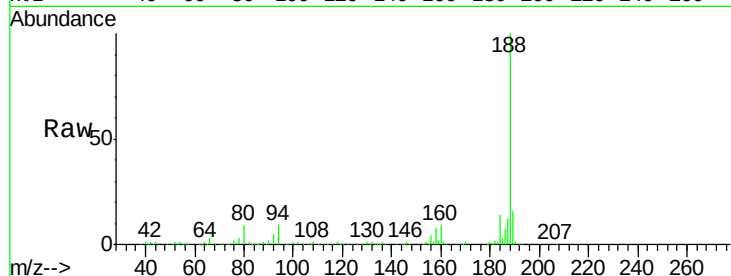




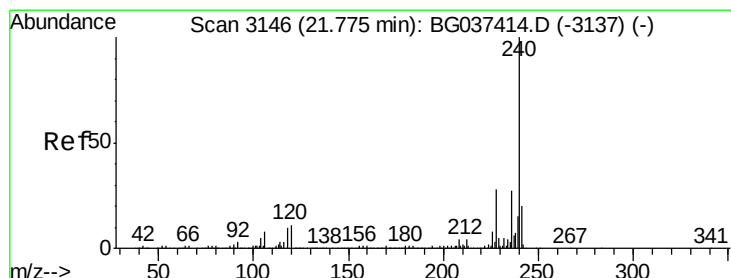
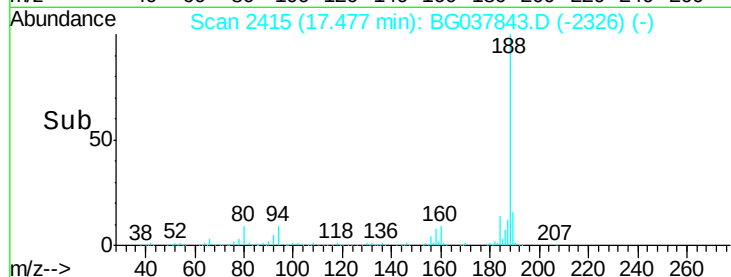
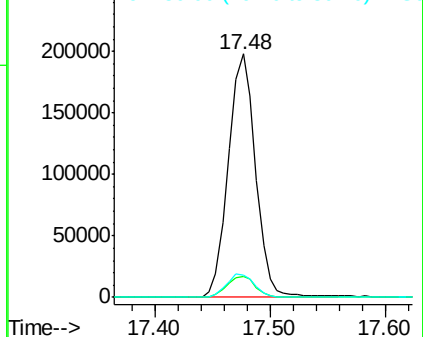
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Instrument :
BNA_G
ClientSampleId :
BES48_SB01_4-4.5

Tgt Ion:188 Resp: 323139
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.1 7.7 11.5

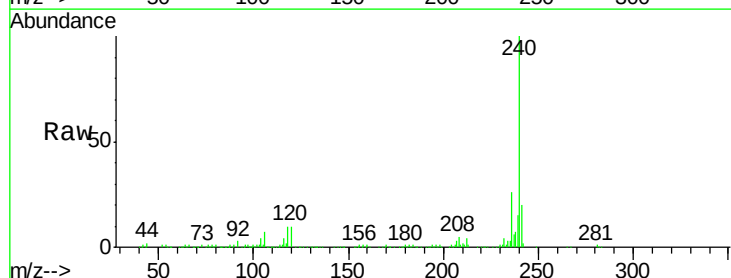


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

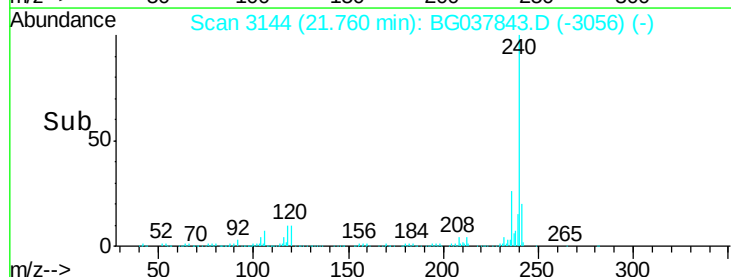
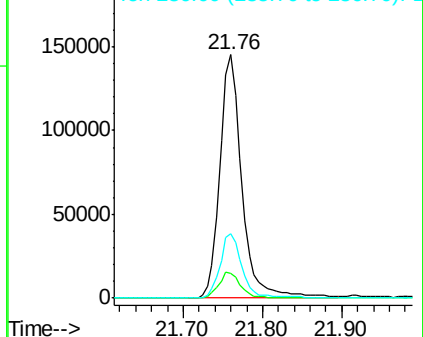


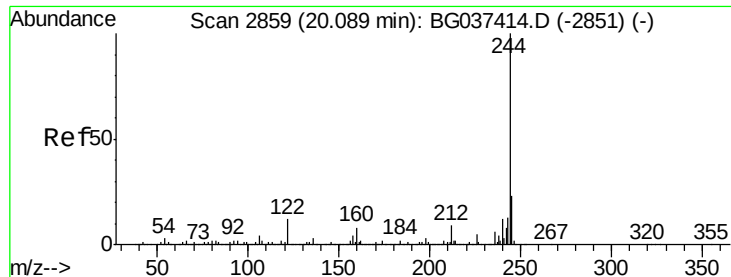
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037843.D
Acq: 6 Nov 2018 18:05

Tgt Ion:240 Resp: 281268
Ion Ratio Lower Upper
240 100
120 10.2 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: 65.835 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

Instrument :

BNA_G

ClientSampleId :

BES48_SB01_4-4.5

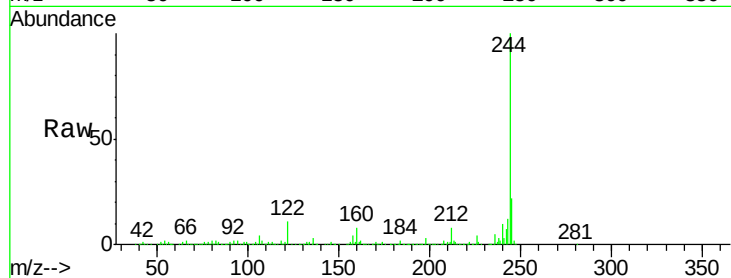
Tgt Ion:244 Resp: 866606

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

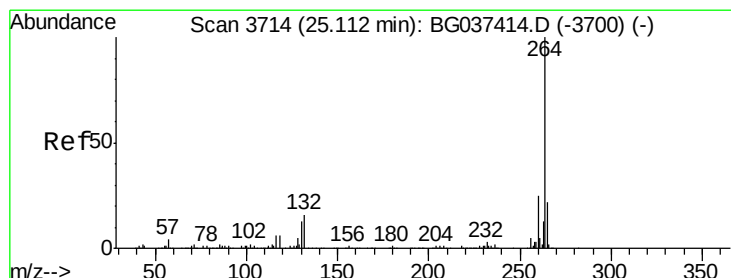
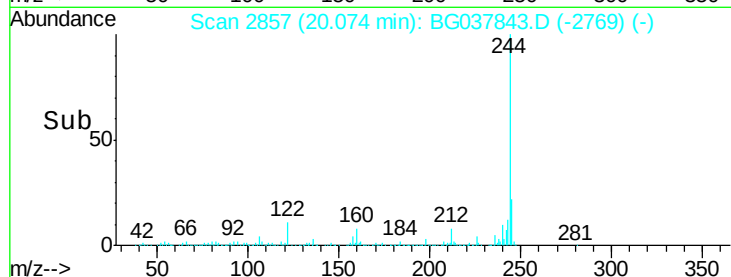
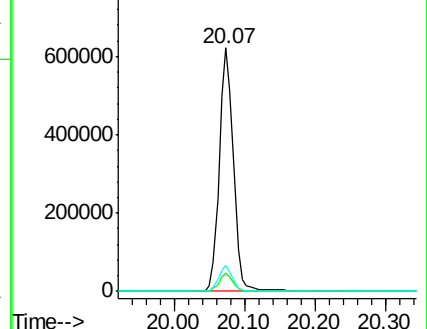
122 10.8 9.0 13.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037843.D

Acq: 6 Nov 2018 18:05

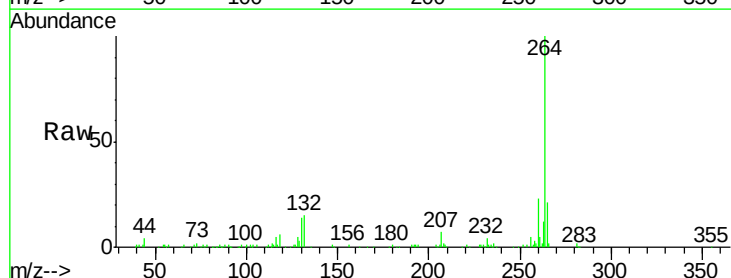
Tgt Ion:264 Resp: 253479

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 21.1 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

