

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037842.D
 Acq On : 6 Nov 2018 17:26
 Operator : JU/SJ
 Sample : J5819-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BES48_SB04_2.25-2.75

Quant Time: Nov 07 09:33:52 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

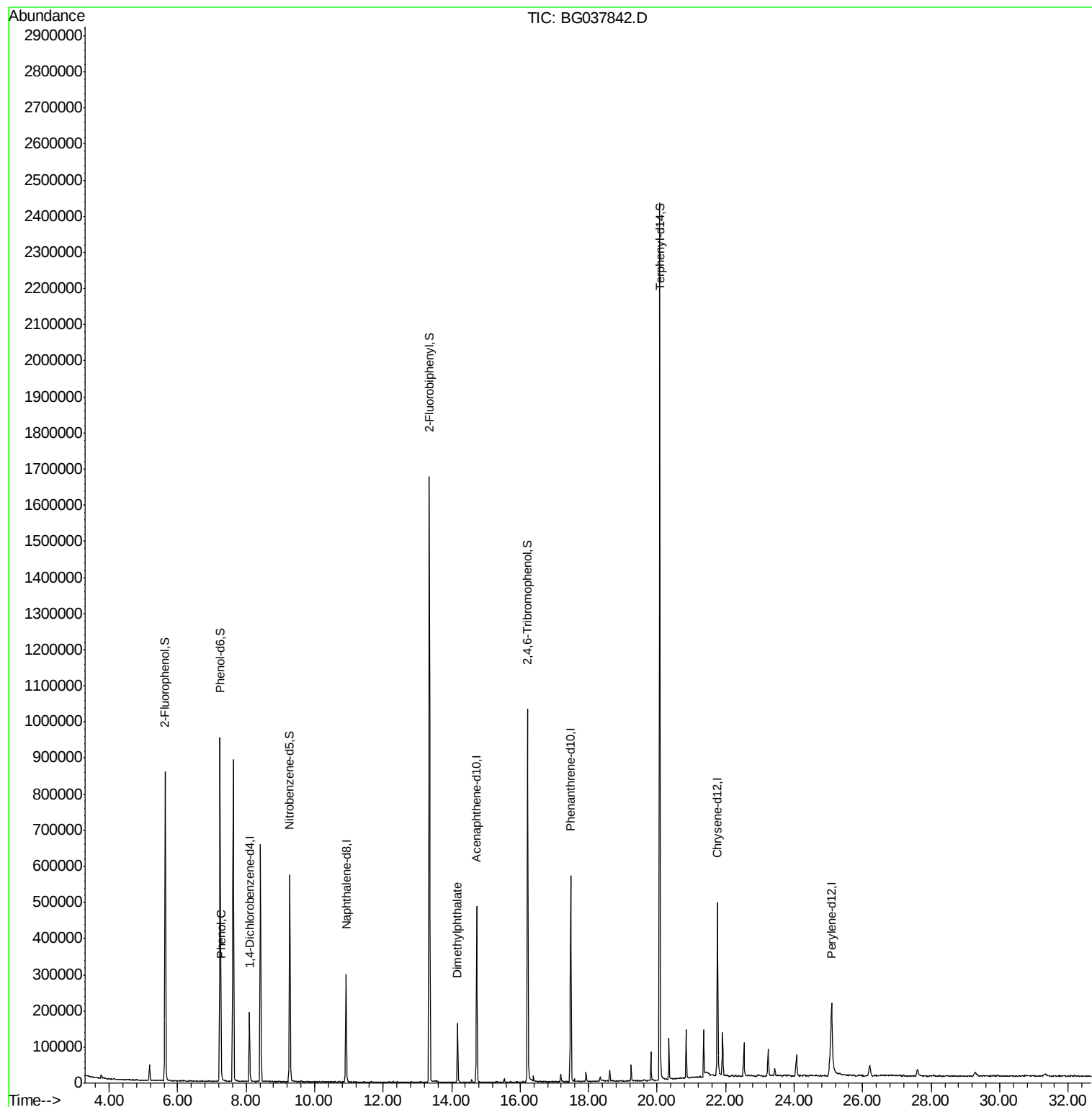
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58294	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	267601	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	175985	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	374509	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	333922	20.00	ng	-0.02
87) Perylene-d12	25.09	264	284608	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	405174	116.20	ng	-0.01
7) Phenol-d6	7.24	99	611731	116.02	ng	-0.01
23) Nitrobenzene-d5	9.27	82	368253	77.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	198233	103.28	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	923323	79.12	ng	-0.02
79) Terphenyl-d14	20.08	244	1234934	79.02	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	45863	8.244	ng	99
50) Dimethylphthalate	14.17	163	121670	8.937	ng	100

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

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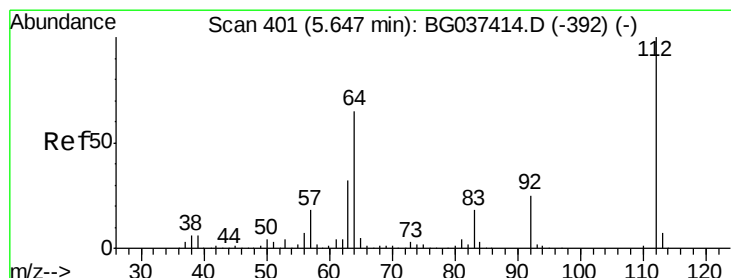
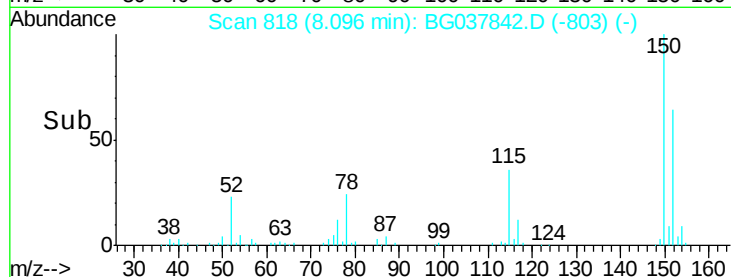
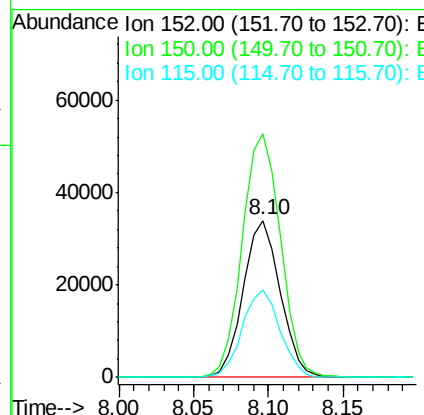
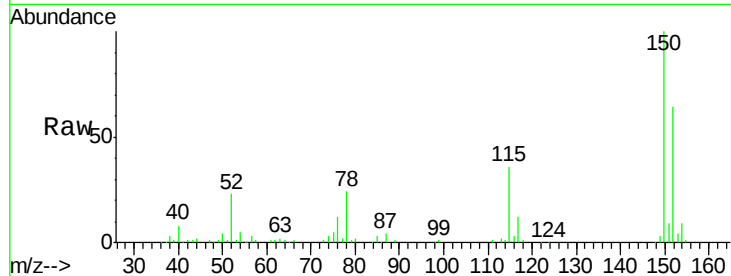




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037842.D
 Acq: 6 Nov 2018 17:26

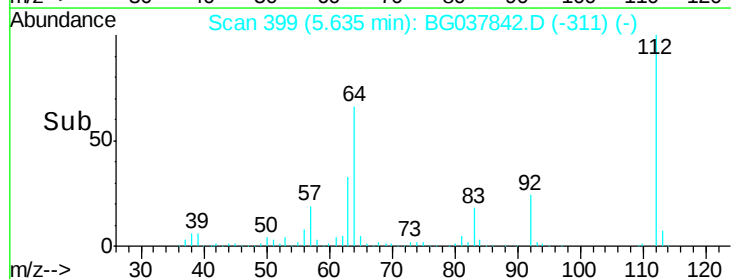
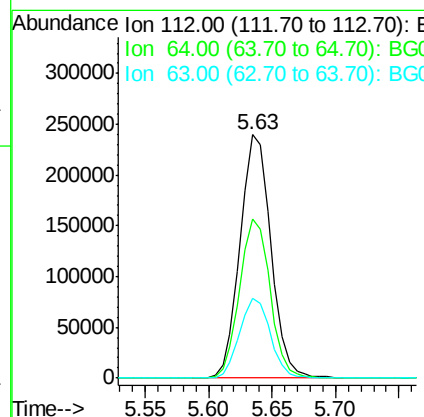
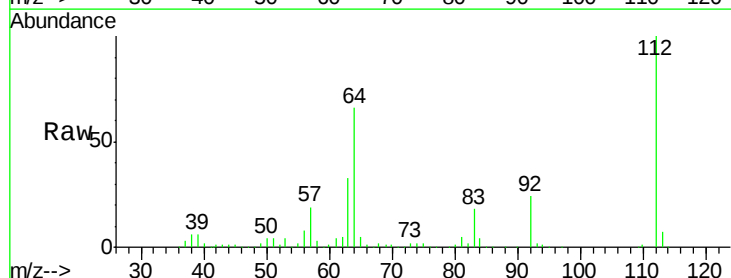
Instrument :
 BNA_G
 ClientSampleId :
 BES48_SB04_2.25-2.75

Tgt Ion:152 Resp: 58294
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.0 189.0
 115 55.4 45.5 68.3



#5
 2-Fluorophenol
 Concen: 116.203 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037842.D
 Acq: 6 Nov 2018 17:26

Tgt Ion:112 Resp: 405174
 Ion Ratio Lower Upper
 112 100
 64 65.5 53.1 79.7
 63 32.8 27.3 40.9





#7

Phenol-d6

Concen: 116.024 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

BES48_SB04_2.25-2.75

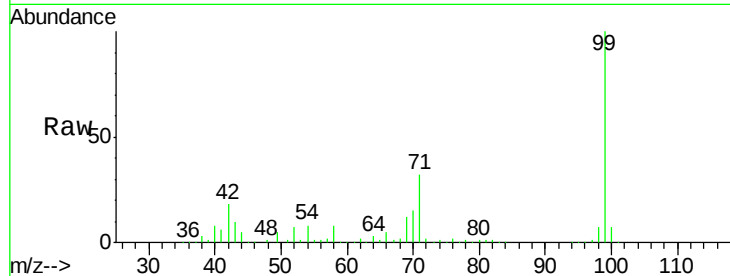
Tgt Ion: 99 Resp: 611731

Ion Ratio Lower Upper

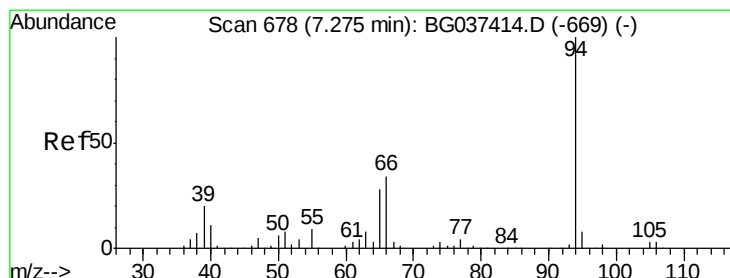
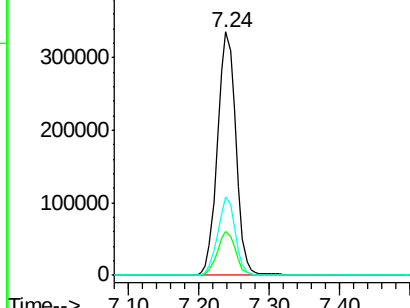
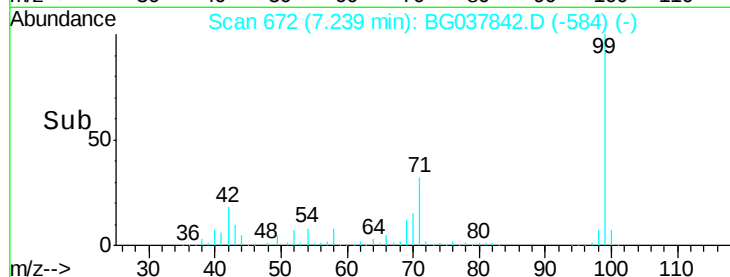
99 100

42 18.3 15.0 22.4

71 32.3 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: 8.244 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

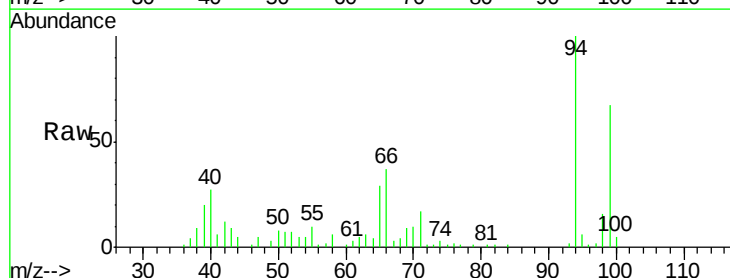
Tgt Ion: 94 Resp: 45863

Ion Ratio Lower Upper

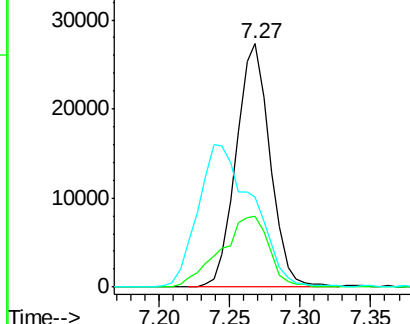
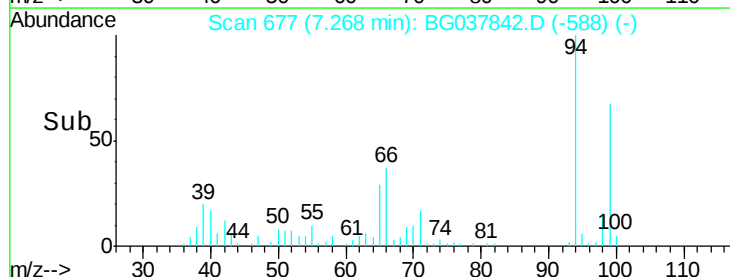
94 100

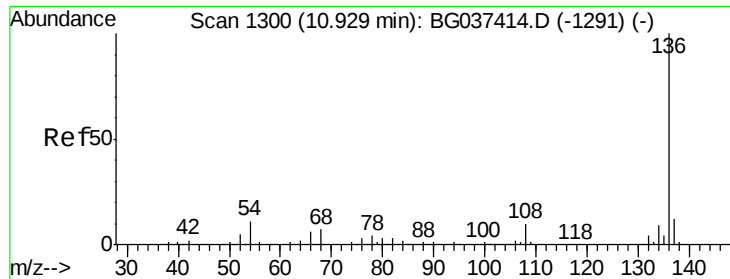
65 28.9 9.7 49.7

66 36.7 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

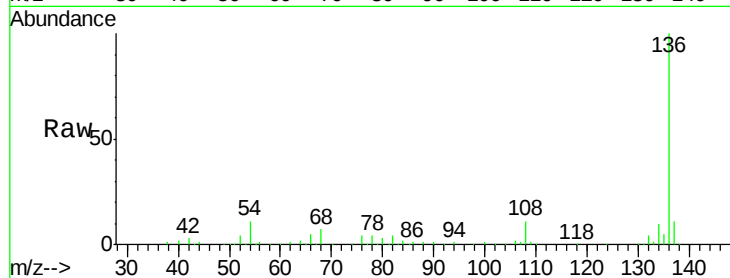




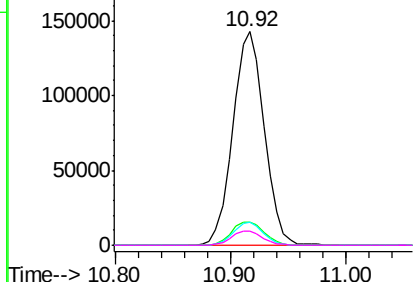
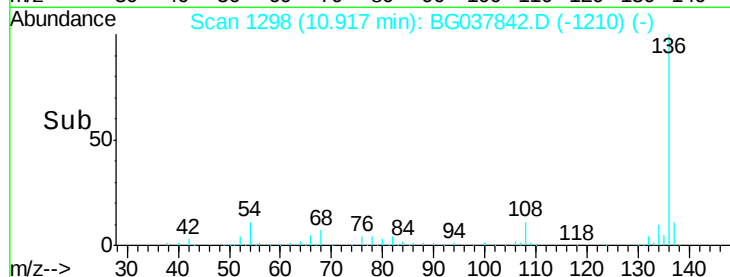
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

Instrument :
BNA_G
ClientSampleId :
BES48_SB04_2.25-2.75

Tgt Ion:	136	Resp:	267601
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	11.0	7.9	11.9
68	6.7	4.8	7.2

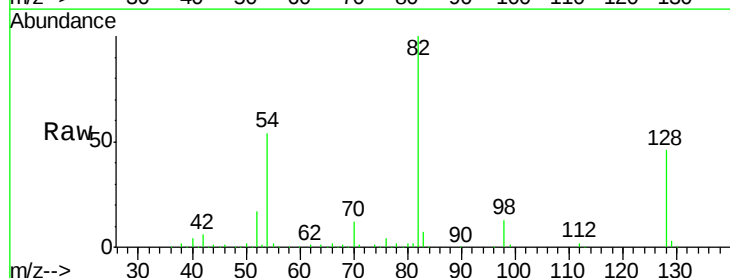


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

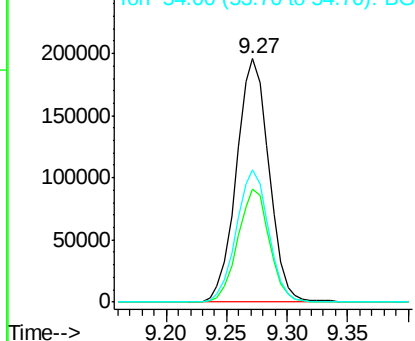
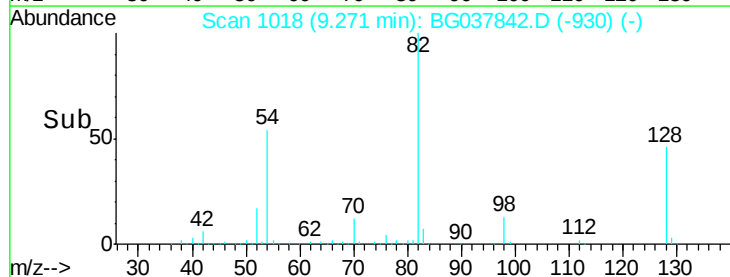


#23
Nitrobenzene-d5
Concen: 77.089 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

Tgt Ion:	82	Resp:	368253
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	51.8
54	54.2	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. -0.01 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

BES48_SB04_2.25-2.75

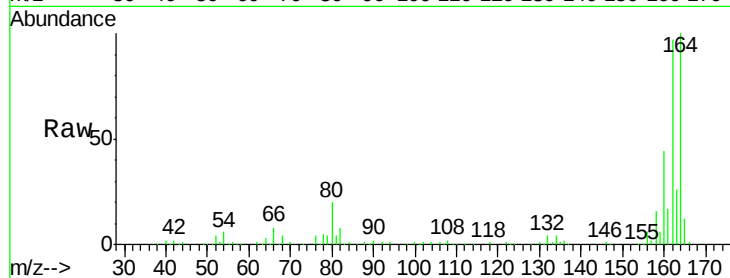
Tgt Ion:164 Resp: 175985

Ion Ratio Lower Upper

164 100

162 97.1 81.3 121.9

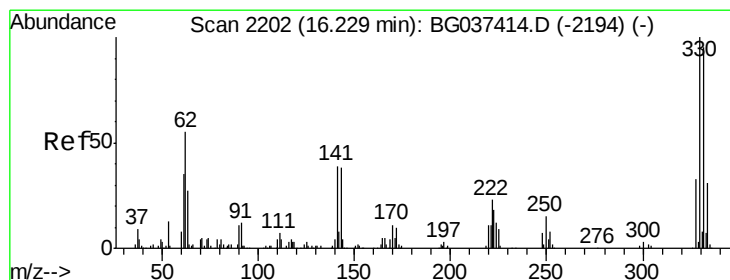
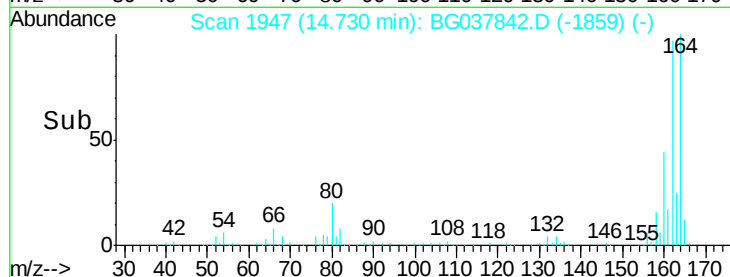
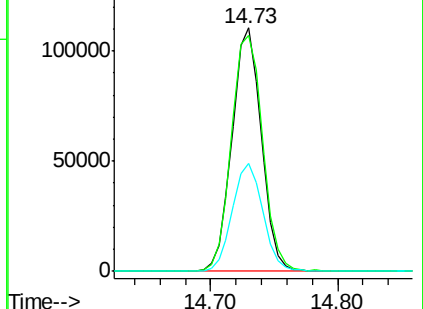
160 44.4 36.3 54.5



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: 103.276 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

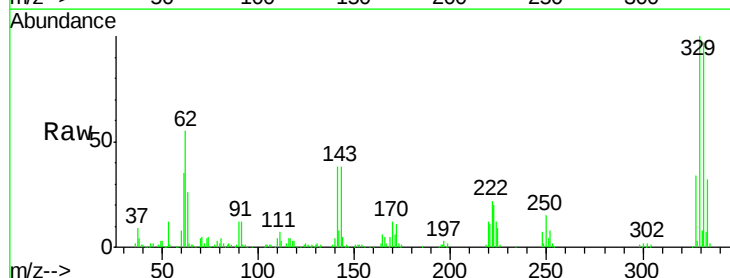
Tgt Ion:330 Resp: 198233

Ion Ratio Lower Upper

330 100

332 93.3 78.4 117.6

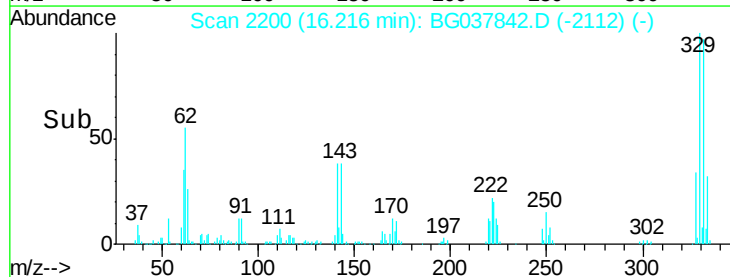
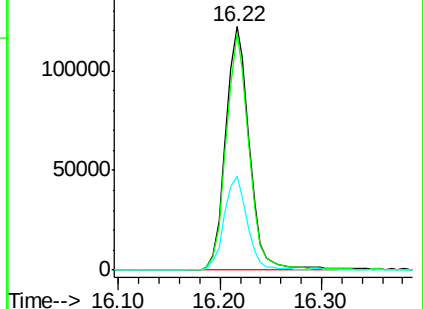
141 37.5 32.2 48.2



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

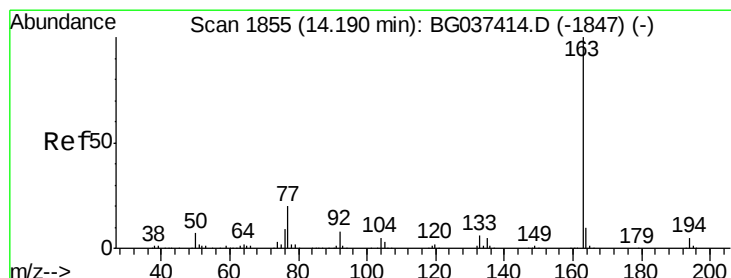
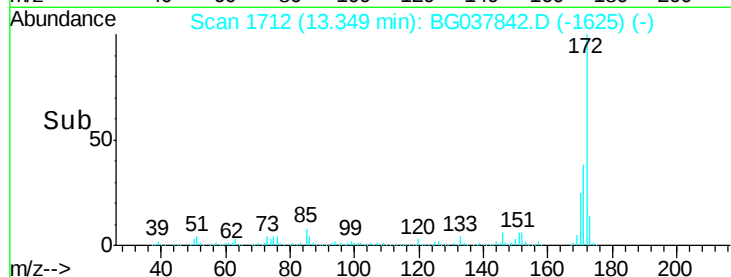
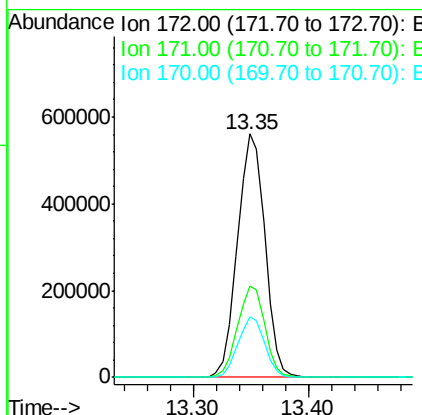
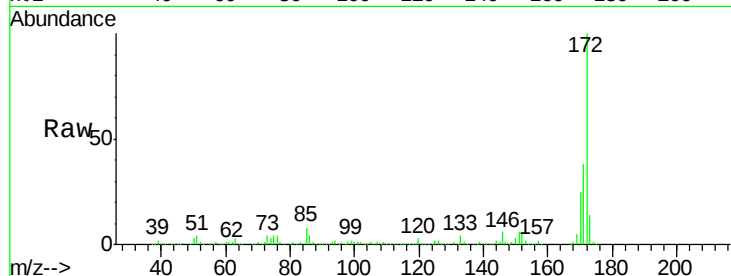




#45
2-Fluorobiphenyl
Concen: 79.116 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

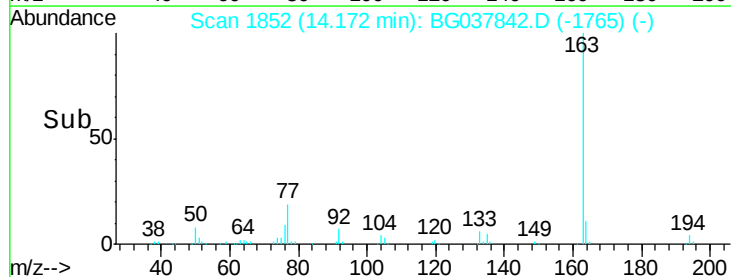
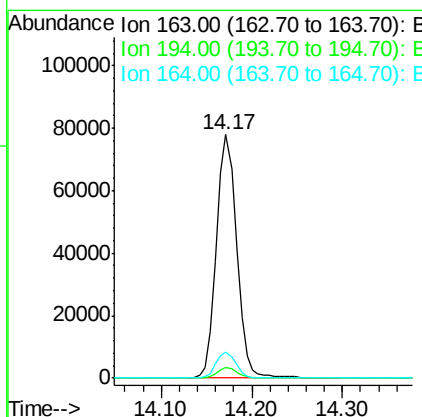
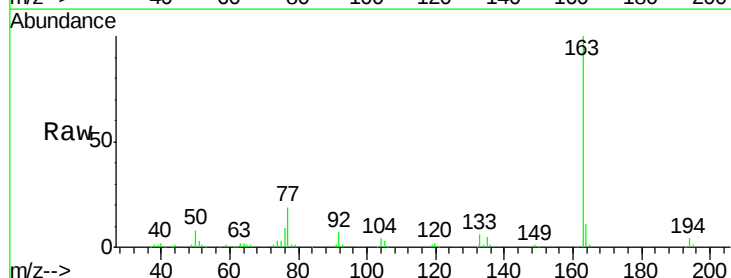
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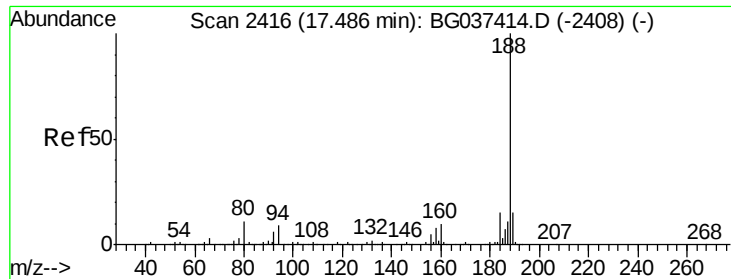
Tgt Ion:172 Resp: 923323
Ion Ratio Lower Upper
172 100
171 37.6 31.0 46.4
170 25.0 20.2 30.2



#50
Dimethylphthalate
Concen: 8.937 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

Tgt Ion:163 Resp: 121670
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.7 8.5 12.7

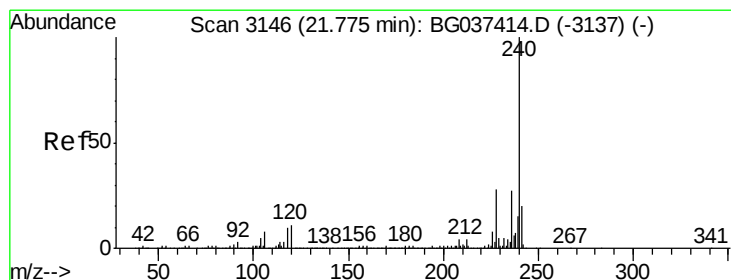
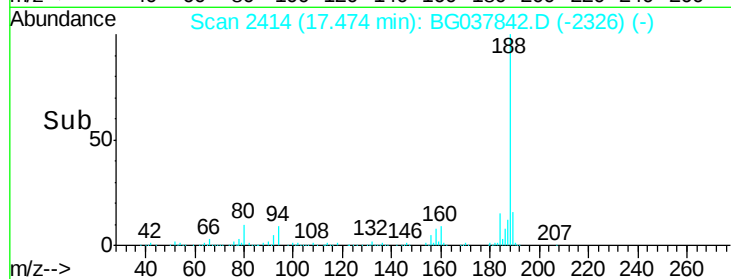
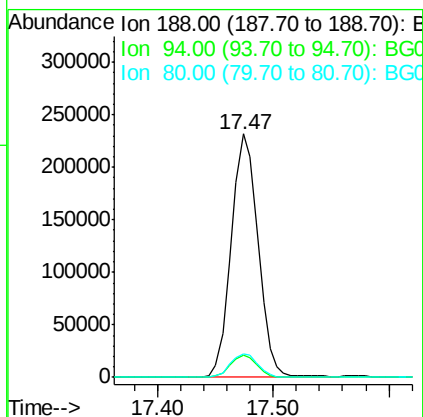
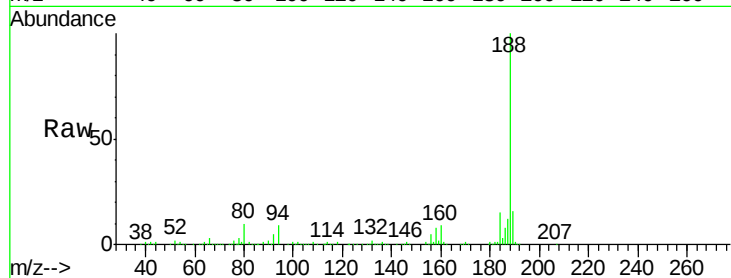




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

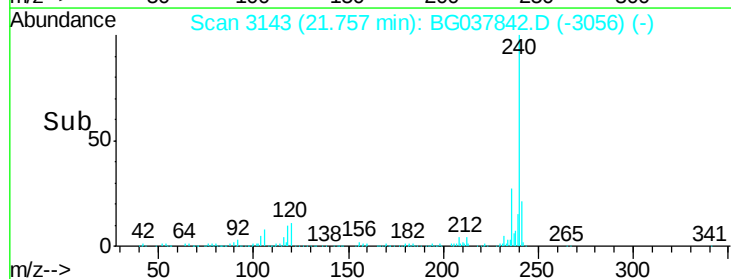
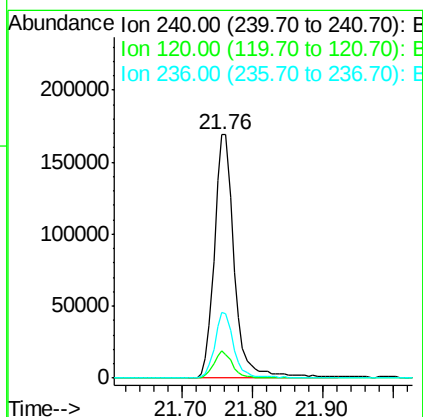
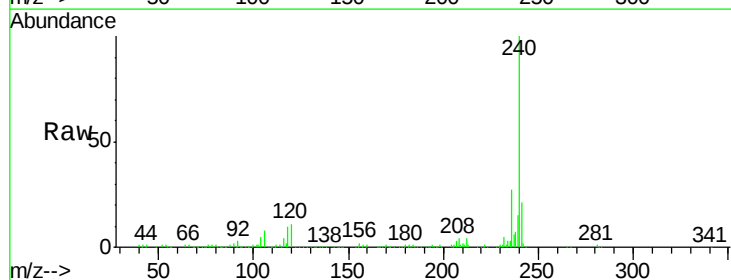
Instrument :
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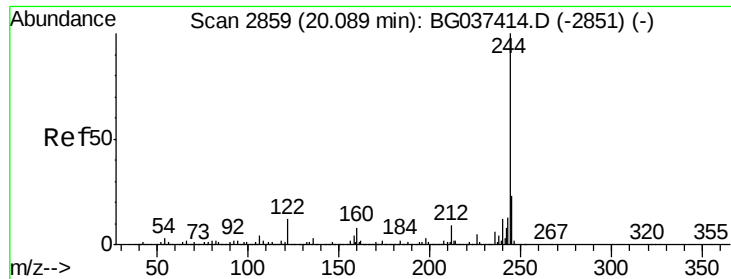
Tgt Ion:188 Resp: 374509
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037842.D
Acq: 6 Nov 2018 17:26

Tgt Ion:240 Resp: 333922
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 27.2 21.4 32.0





#79

Terphenyl-d14

Concen: 79.023 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037842.D

Acq: 6 Nov 2018 17:26

Instrument :

BNA_G

ClientSampleId :

BES48_SB04_2.25-2.75

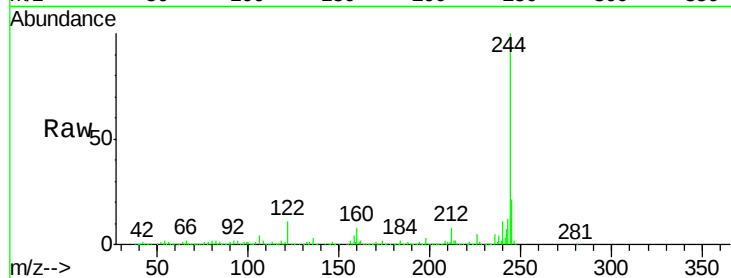
Tgt Ion:244 Resp: 1234934

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

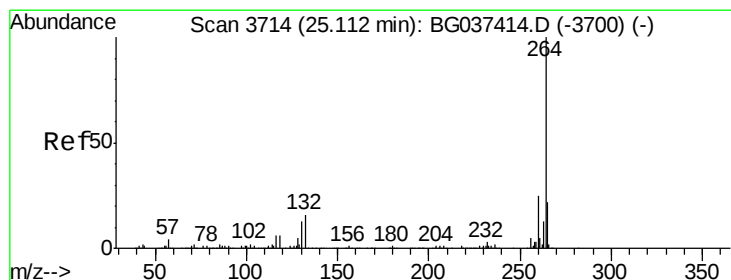
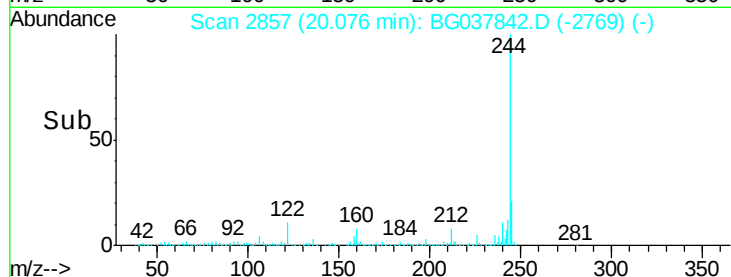
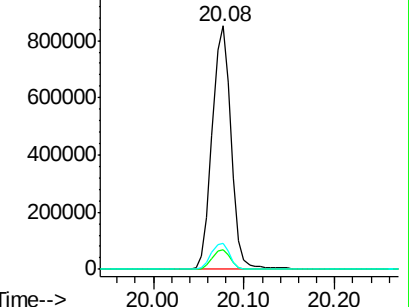
122 10.9 9.0 13.4



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: BG037842.D

Acq: 6 Nov 2018 17:26

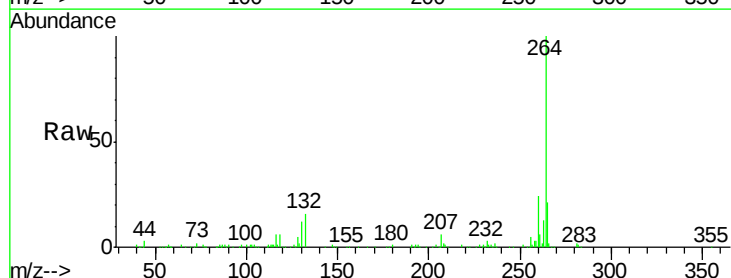
Tgt Ion:264 Resp: 284608

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 21.4 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

