

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037300.D
 Acq On : 12 Oct 2018 20:56
 Operator : JU/SJ
 Sample : J5199-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-101118

Quant Time: Oct 13 00:43:11 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

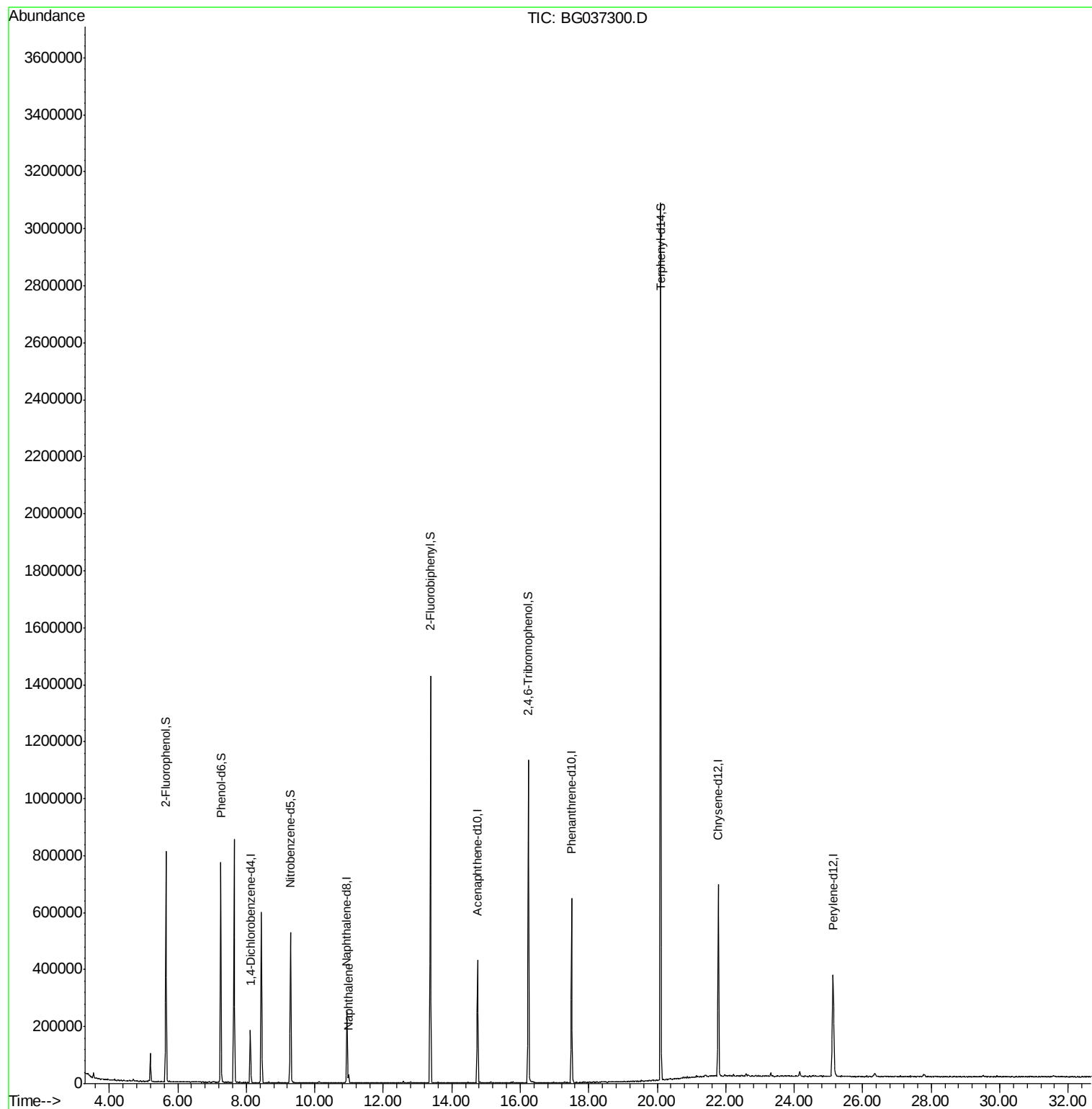
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53607	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	225309	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	153926	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	411781	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	407496	20.00	ng	-0.01
87) Perylene-d12	25.13	264	407466	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	371307	121.90	ng	0.00
7) Phenol-d6	7.25	99	475661	102.88	ng	0.00
23) Nitrobenzene-d5	9.29	82	323759	94.47	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	209937	139.07	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	767102	74.84	ng	0.00
79) Terphenyl-d14	20.10	244	1482216	76.38	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	25471	2.326	ng	Qvalue 95

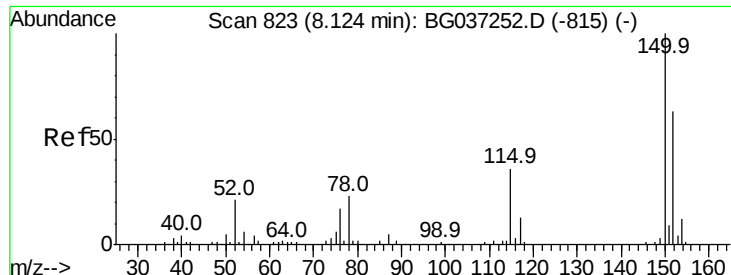
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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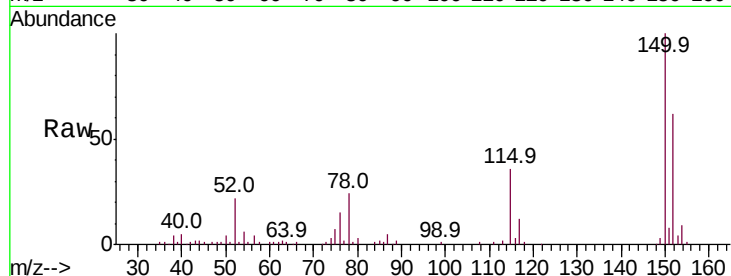


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG037300.D
 Acq: 12 Oct 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-101118

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.0	189.0
115	57.7	45.5	68.3

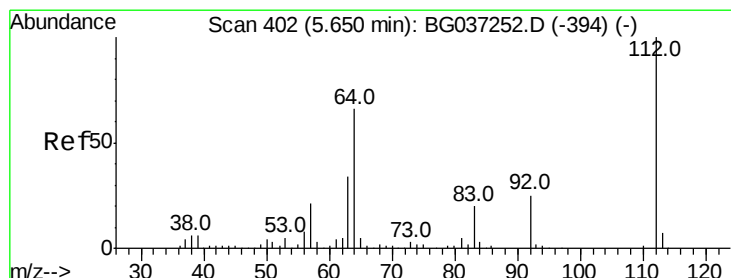
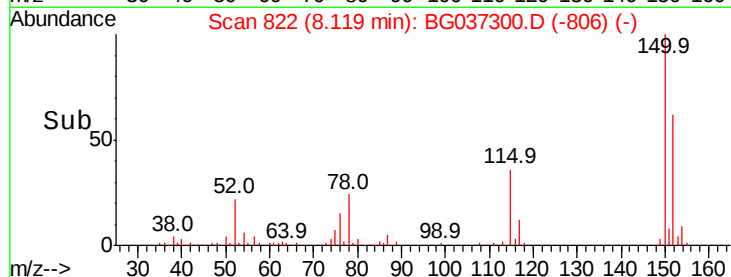
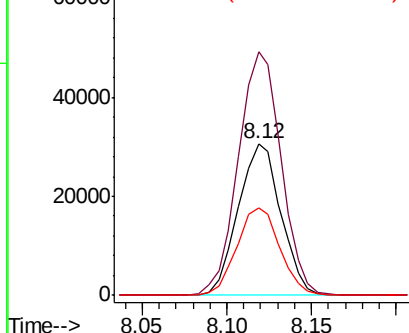


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

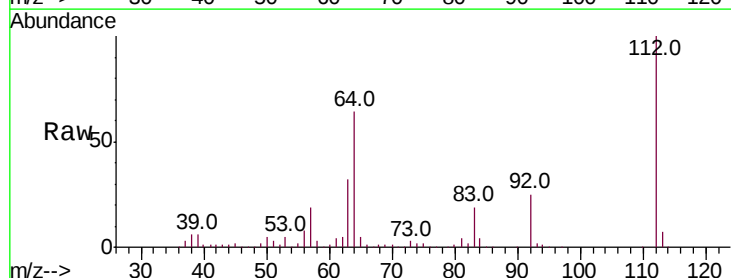
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 121.899 ng
 RT: 5.66 min Scan# 403
 Delta R.T. 0.01 min
 Lab File: BG037300.D
 Acq: 12 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.1	79.7
63	31.8	27.3	40.9

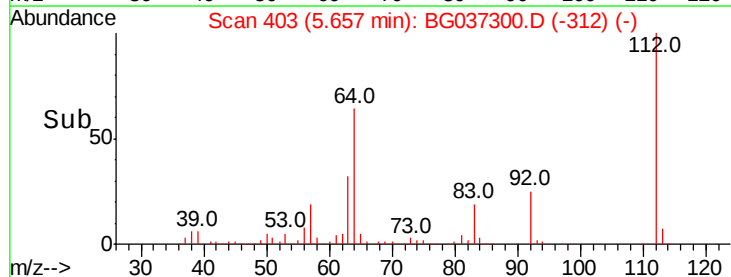
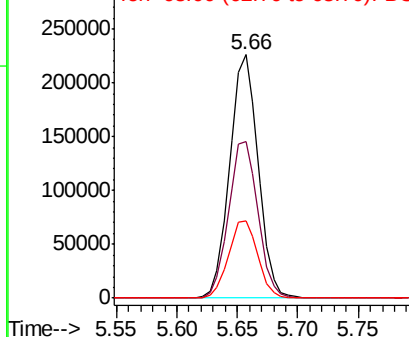


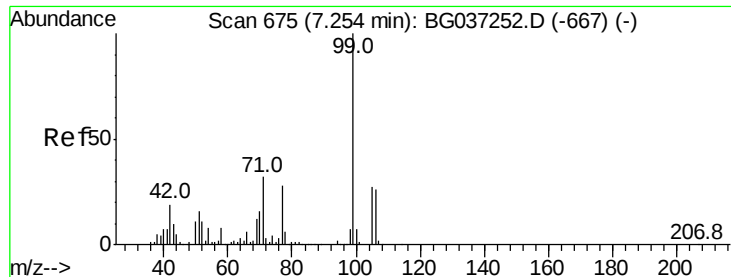
Abundance

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: 102.882 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037300.D

Acq: 12 Oct 2018 20:56

Instrument :

BNA_G

ClientSampleId :

OK-02-101118

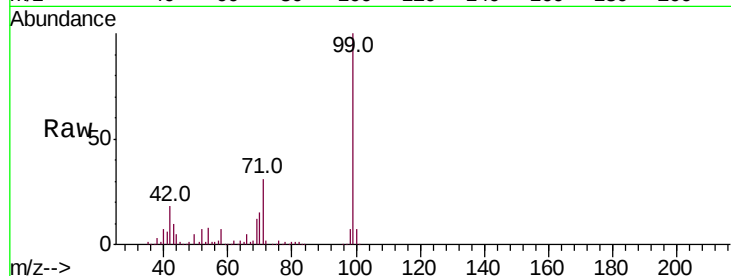
Tot Ion: 99 Resp: 475661

Ion Ratio Lower Upper

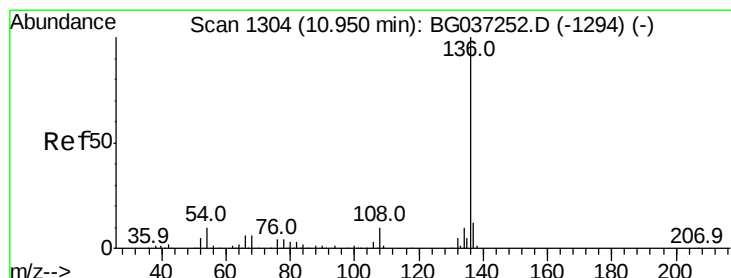
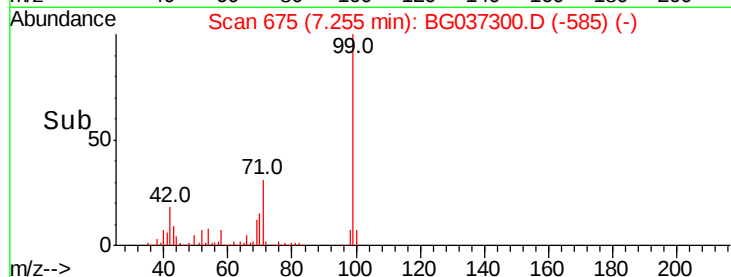
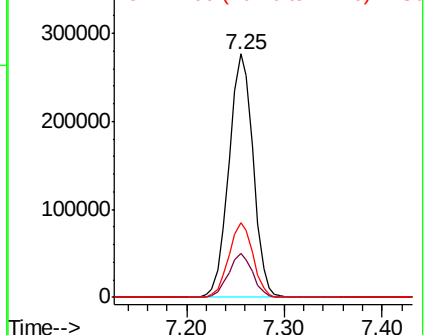
99 100

42 18.1 15.0 22.4

71 30.8 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: 10.94 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG037300.D

Acq: 12 Oct 2018 20:56

Tgt Ion: 136 Resp: 225309

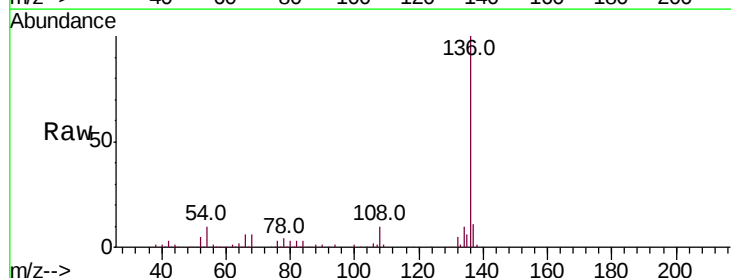
Ion Ratio Lower Upper

136 100

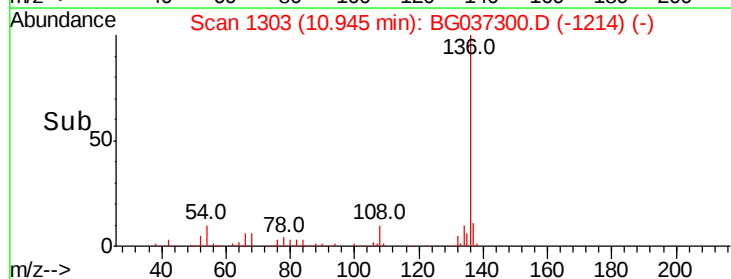
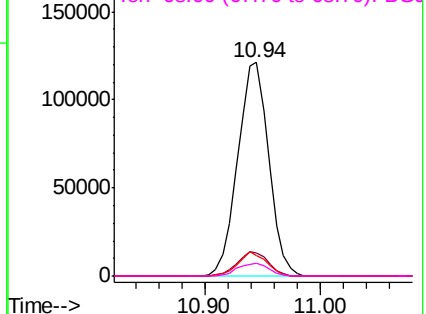
137 10.8 9.6 14.4

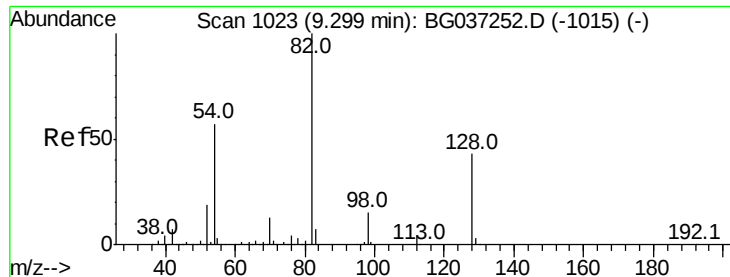
54 9.6 7.9 11.9

68 6.1 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

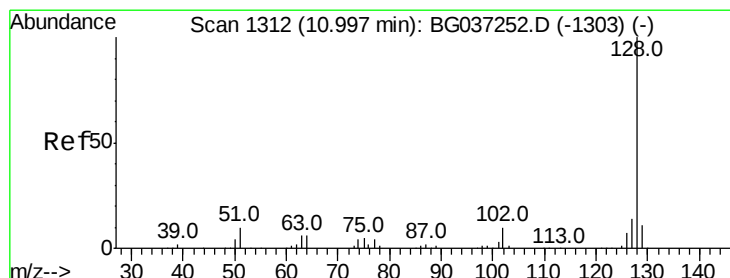
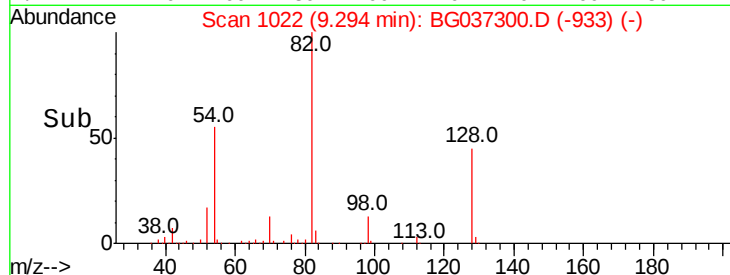
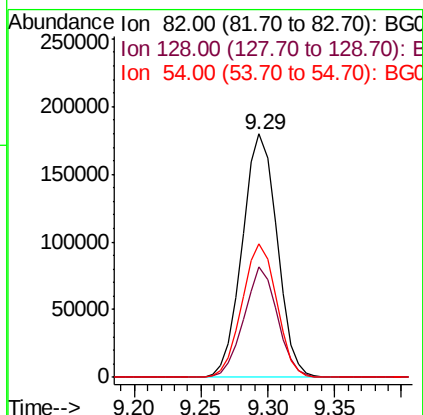
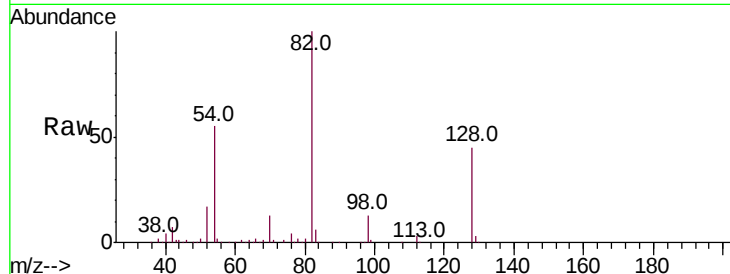




#23
Nitrobenzene-d5
Concen: 94.472 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

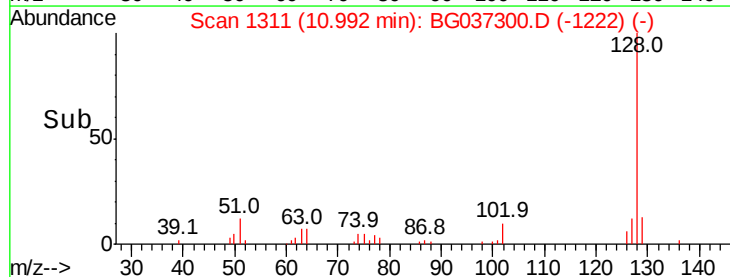
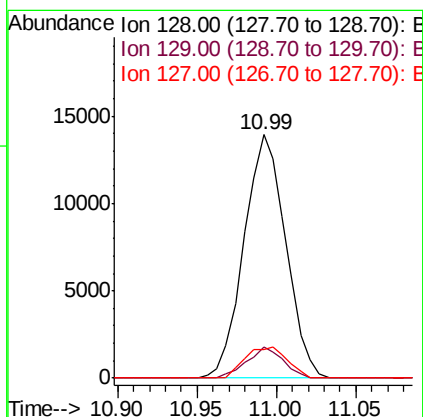
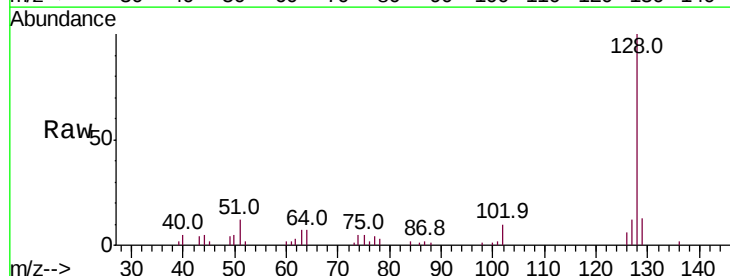
Instrument :
BNA_G
ClientSampleId :
OK-02-101118

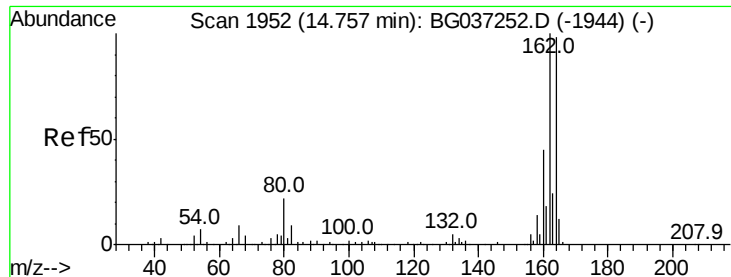
Tot Ion	82	Resp	323759
Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	54.8	45.3	67.9



#31
Naphthalene
Concen: 2.326 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG037300.D
Acq: 12 Oct 2018 20:56

Tgt Ion	128	Resp	25471
Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.0	13.6
127	11.6	11.1	16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037300.D

Acq: 12 Oct 2018 20:56

Instrument :

BNA_G

ClientSampleId :

OK-02-101118

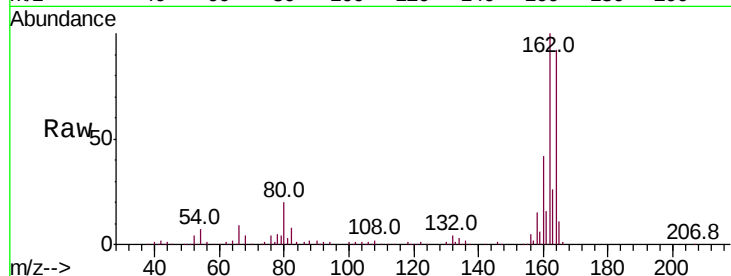
Tot Ion:164 Resp: 153926

Ion Ratio Lower Upper

164 100

162 108.7 81.3 121.9

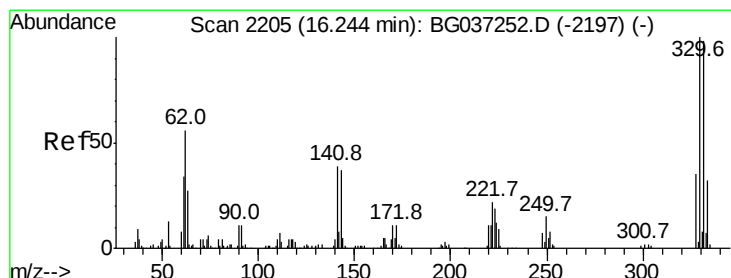
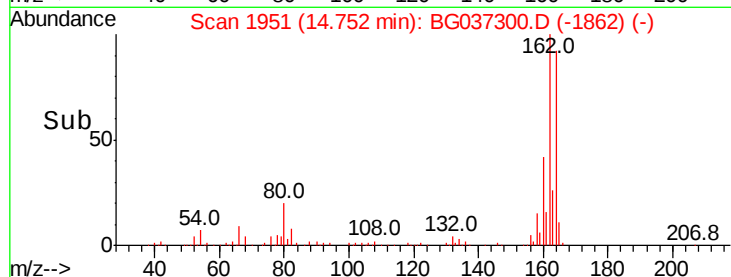
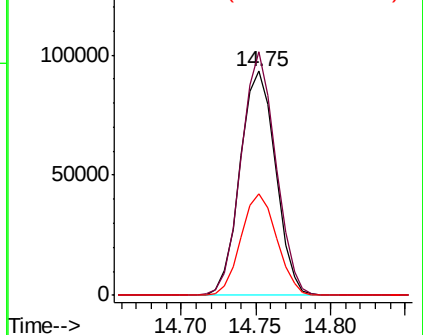
160 45.3 36.3 54.5



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: 139.069 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037300.D

Acq: 12 Oct 2018 20:56

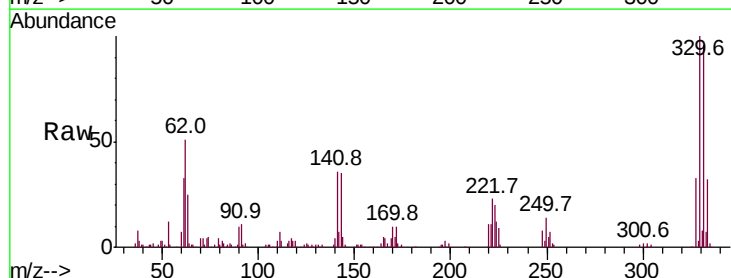
Tgt Ion:330 Resp: 209937

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

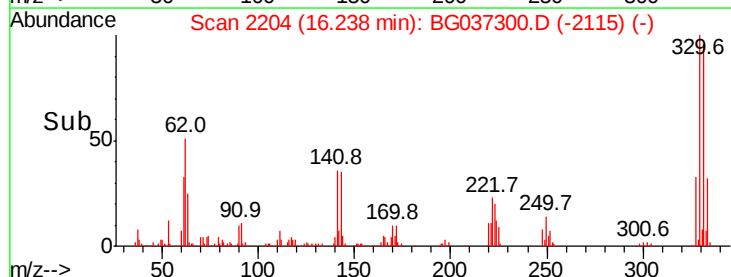
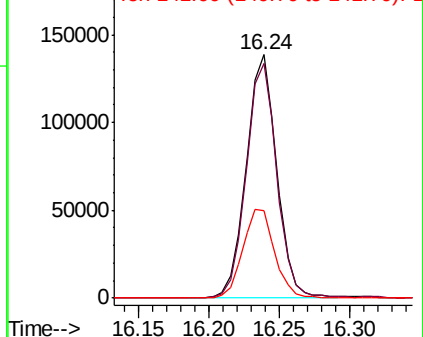
141 38.2 32.2 48.2

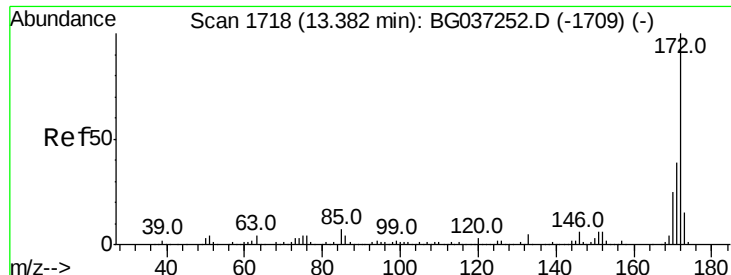


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

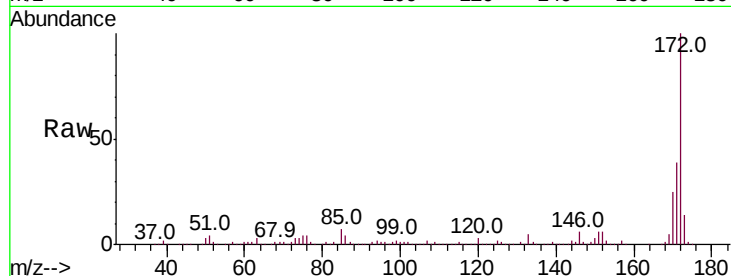




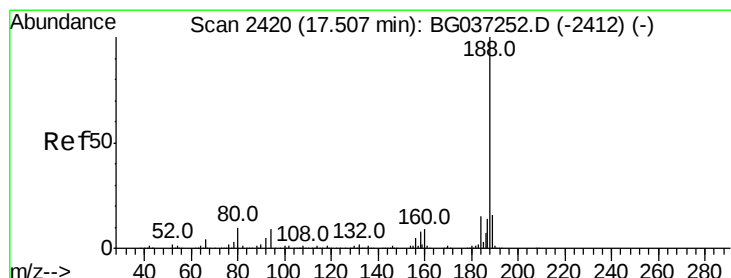
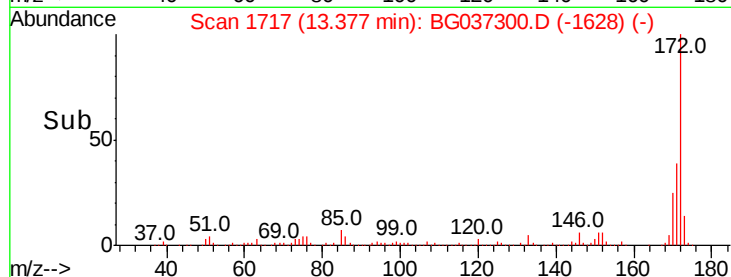
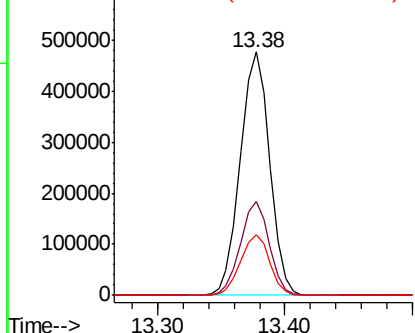
#45
 2-Fluorobiphenyl
 Concen: 74.842 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037300.D
 Acq: 12 Oct 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-101118

Tot Ion:172 Resp: 767102
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.0 46.4
 170 25.0 20.2 30.2

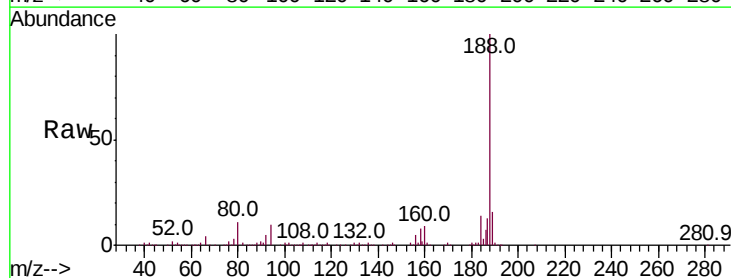


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

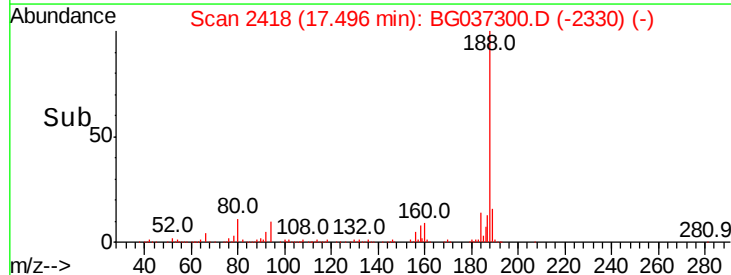
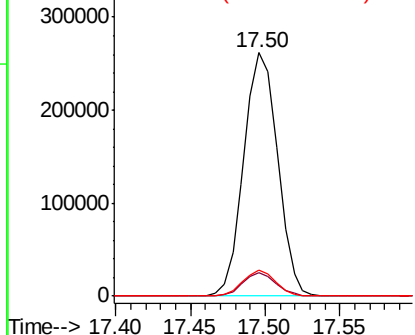


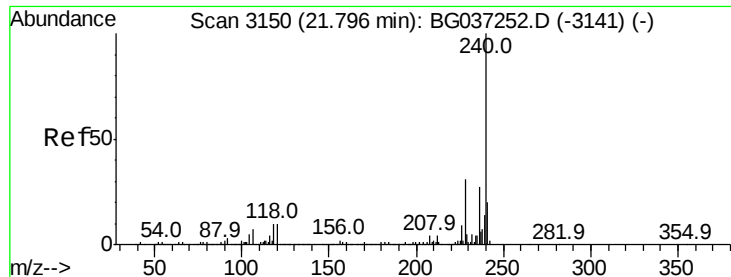
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG037300.D
 Acq: 12 Oct 2018 20:56

Tgt Ion:188 Resp: 411781
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.2 10.8
 80 10.9 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

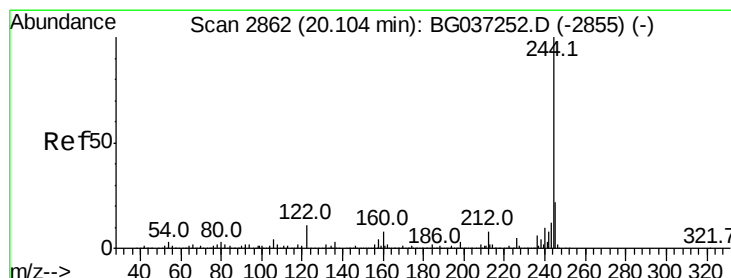
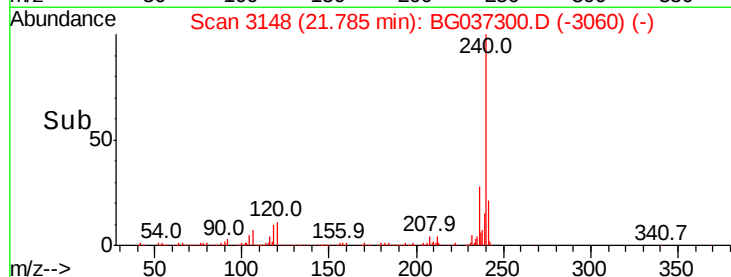
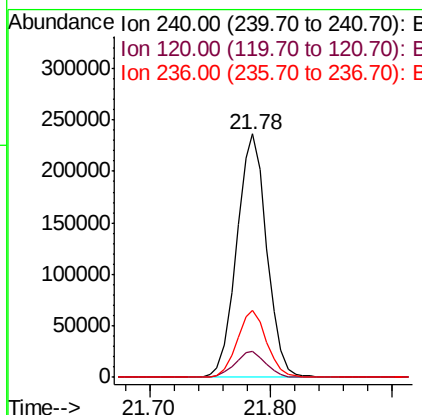
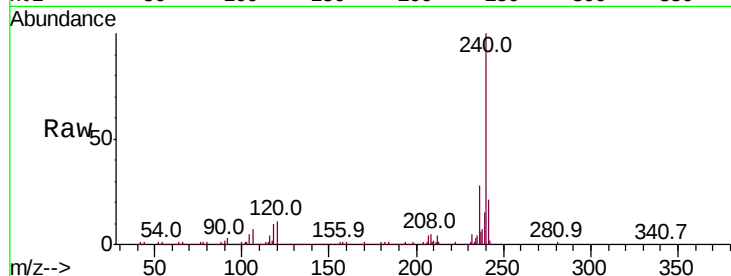




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG037300.D
 Acq: 12 Oct 2018 20:56

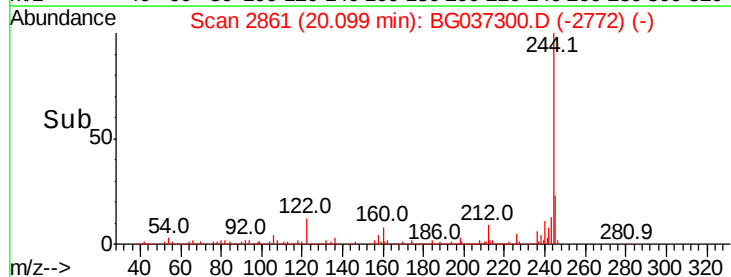
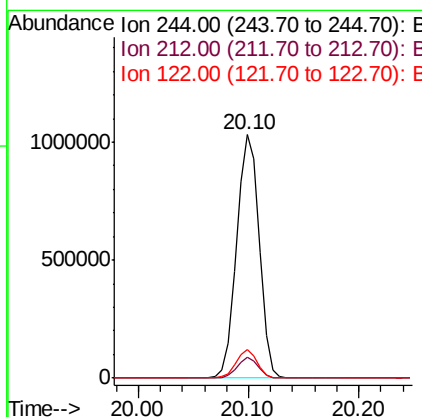
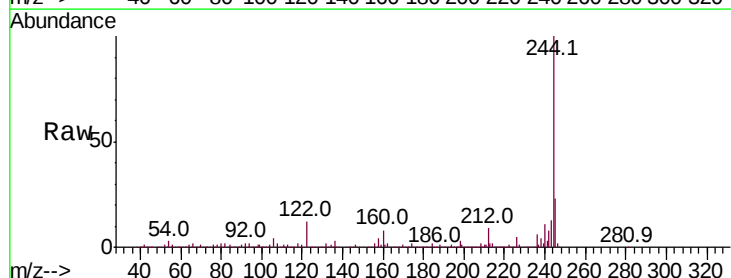
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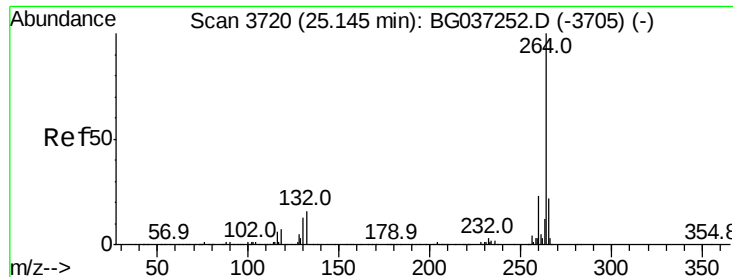
Tot Ion:240 Resp: 407496
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 27.7 21.4 32.0



#79
 Terphenyl-d14
 Concen: 76.376 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037300.D
 Acq: 12 Oct 2018 20:56

Tgt Ion:244 Resp: 1482216
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 11.7 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG037300.D
 Acq: 12 Oct 2018 20:56

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-101118

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.4
265	22.6	17.9	26.9

