

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037365.D
 Acq On : 16 Oct 2018 18:47
 Operator : JU/SJ
 Sample : J5520-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CON-163

Quant Time: Oct 17 02:04:26 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

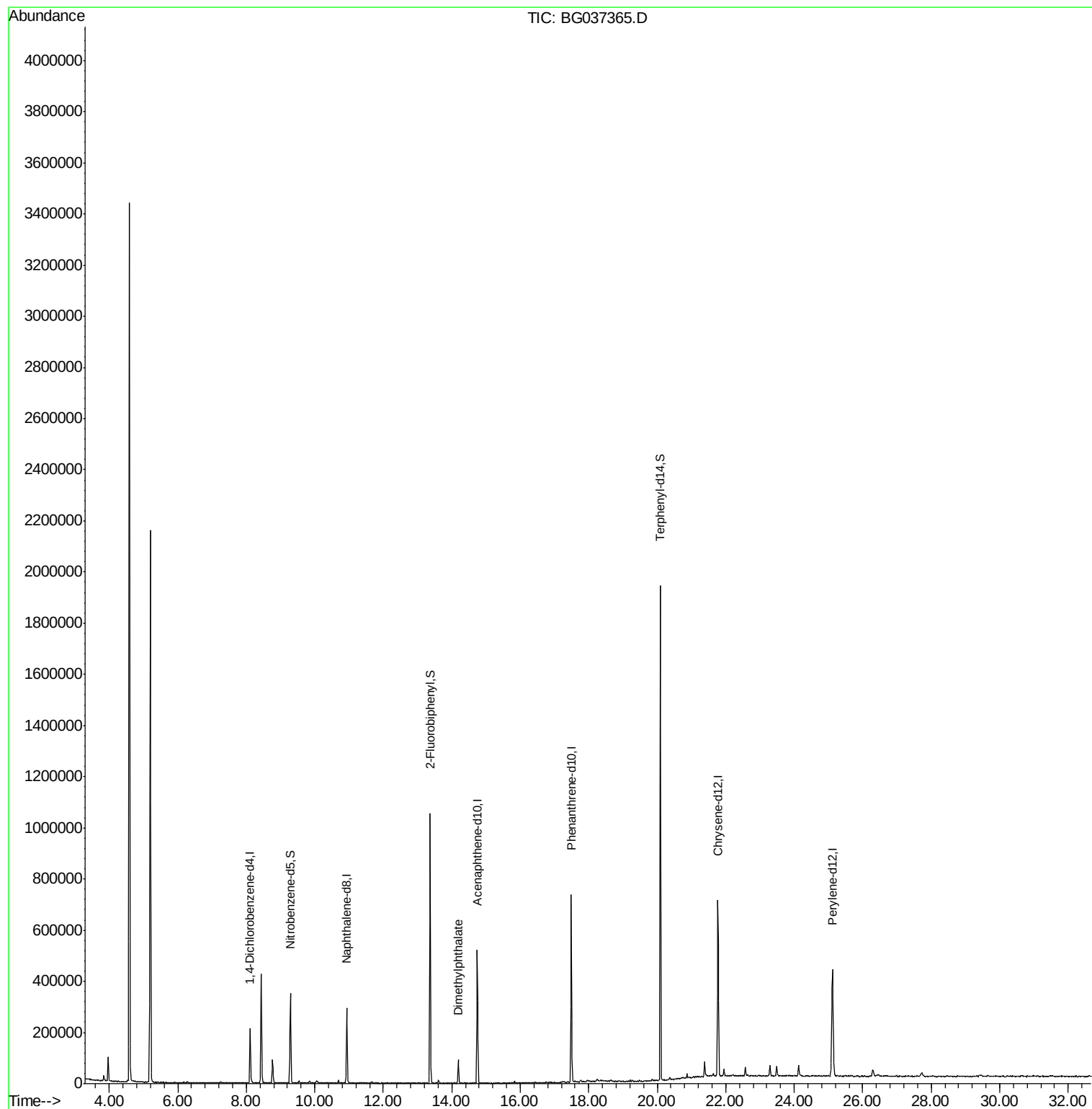
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	63841	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	267532	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	183362	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	476760	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	436746	20.00	ng	-0.02
87) Perylene-d12	25.11	264	436654	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	150	0.04	ng	0.00
7) Phenol-d6	7.25	99	2434	0.44	ng	0.00
23) Nitrobenzene-d5	9.29	82	214802	52.79	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.37	172	575474	47.13	ng	-0.01
79) Terphenyl-d14	20.09	244	944937	45.43	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.19	163	64952	4.507	ng	Qvalue 99

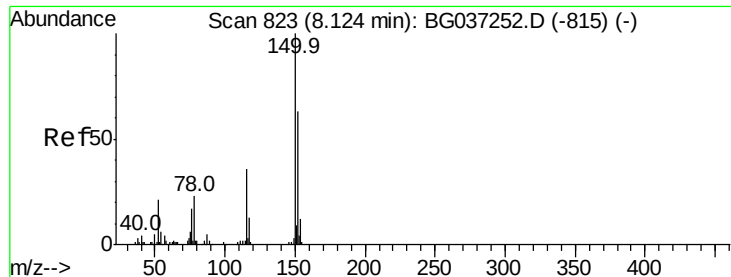
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



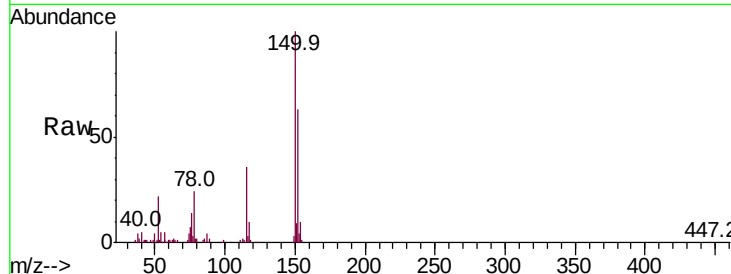


#1

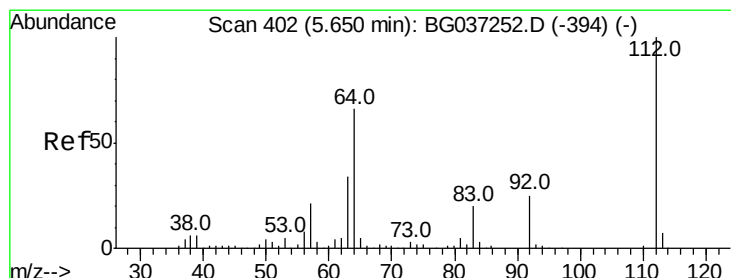
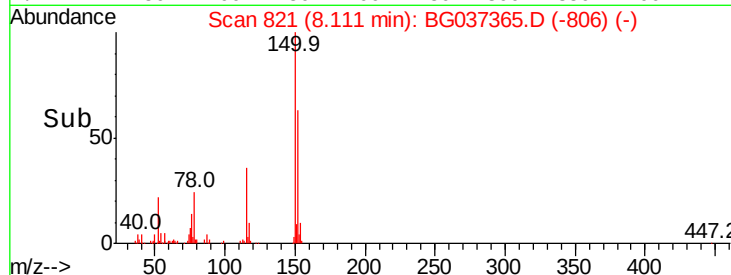
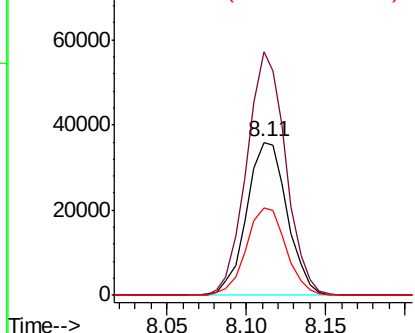
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :
CON-163

Tot Ion:152 Resp: 63841
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 57.2 45.5 68.3



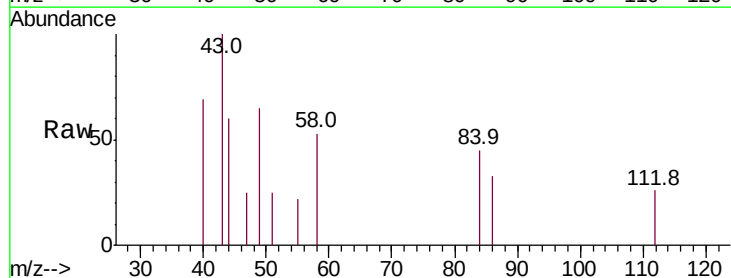
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



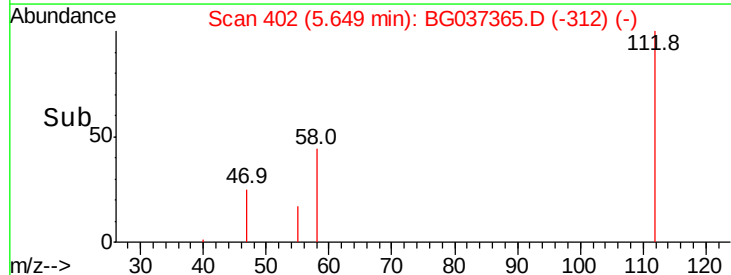
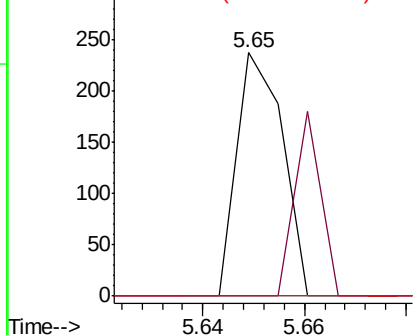
#5

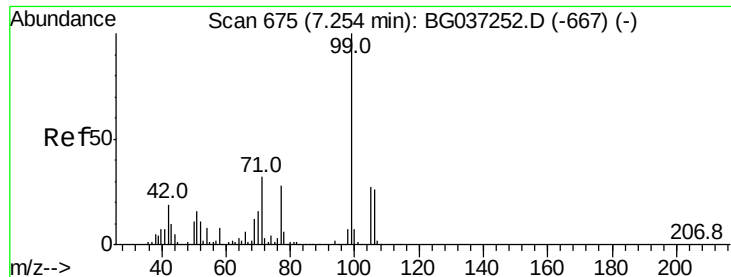
2-Fluorophenol
Concen: 0.041 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion:112 Resp: 150
Ion Ratio Lower Upper
112 100
64 0.0 53.1 79.7#
63 0.0 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: 0.442 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037365.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

CON-163

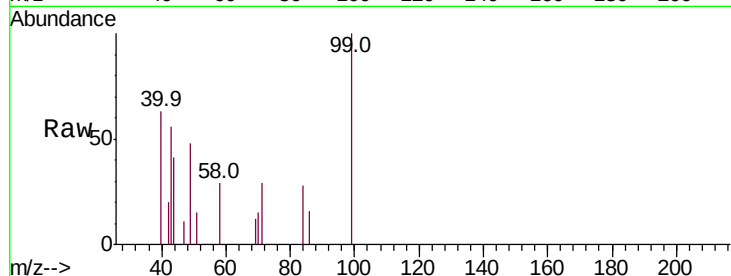
Tot Ion: 99 Resp: 2434

Ion Ratio Lower Upper

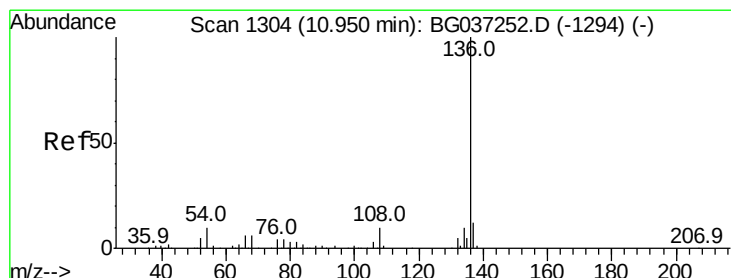
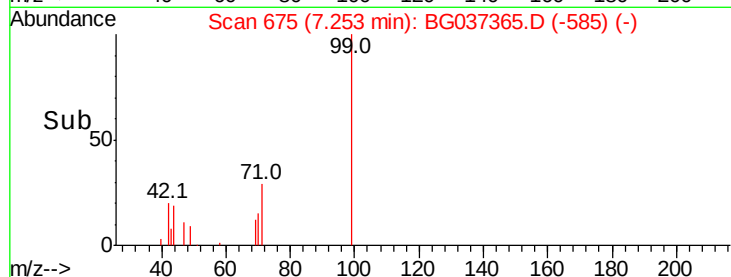
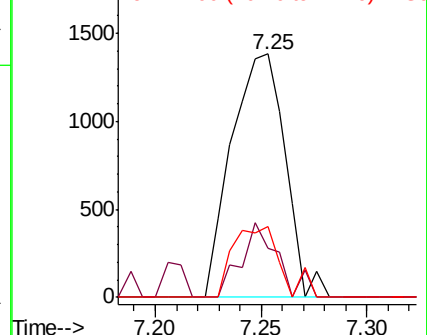
99 100

42 20.4 15.0 22.4

71 28.9 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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037365.D

Acq: 16 Oct 2018 18:47

Tgt Ion: 136 Resp: 267532

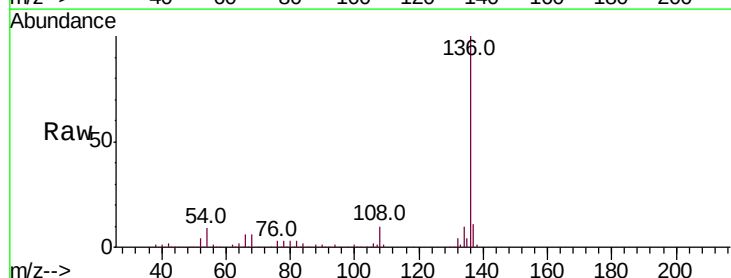
Ion Ratio Lower Upper

136 100

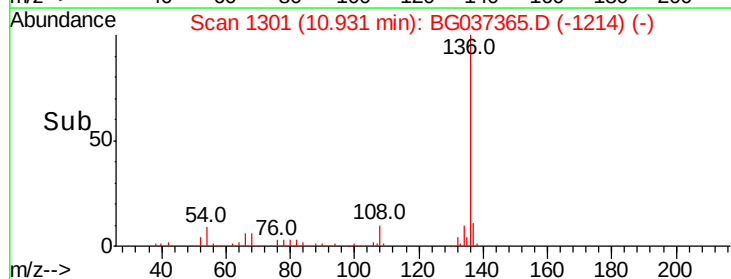
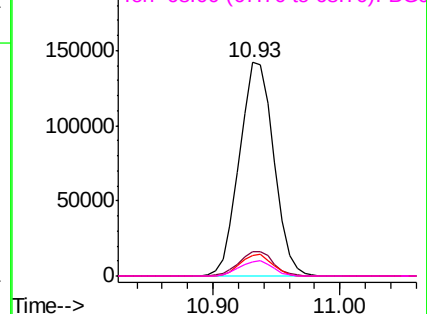
137 11.1 9.6 14.4

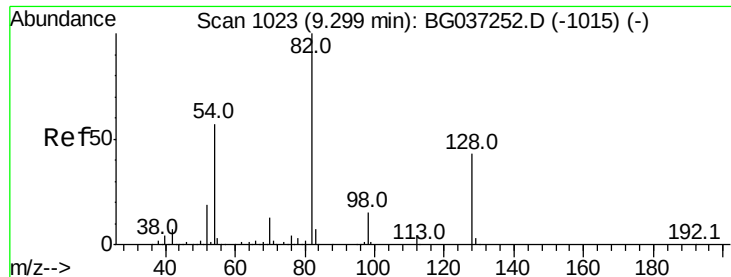
54 9.5 7.9 11.9

68 6.4 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

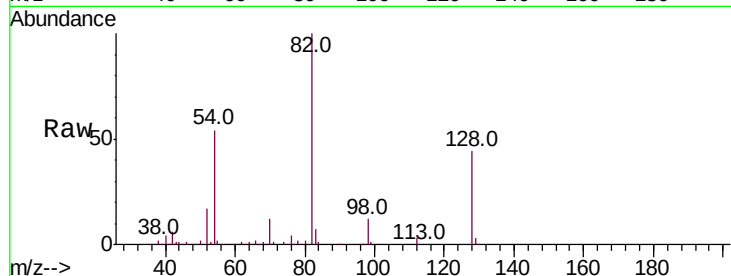




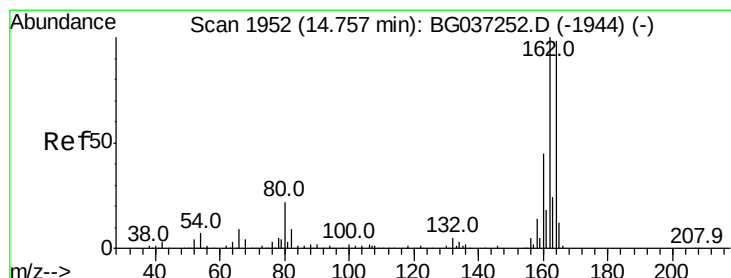
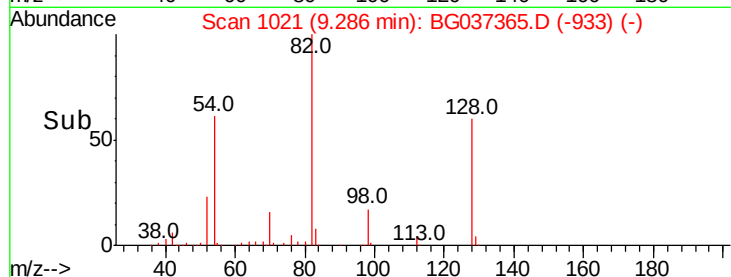
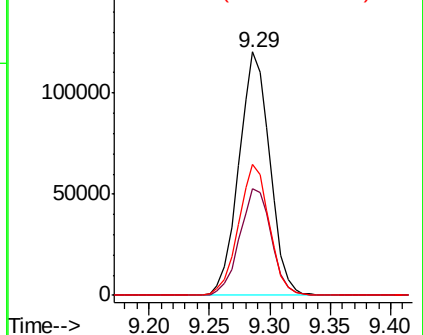
#23
Nitrobenzene-d5
Concen: 52.787 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :
CON-163

Tot Ion: 82 Resp: 214802
Ion Ratio Lower Upper
82 100
128 44.0 34.6 51.8
54 53.7 45.3 67.9

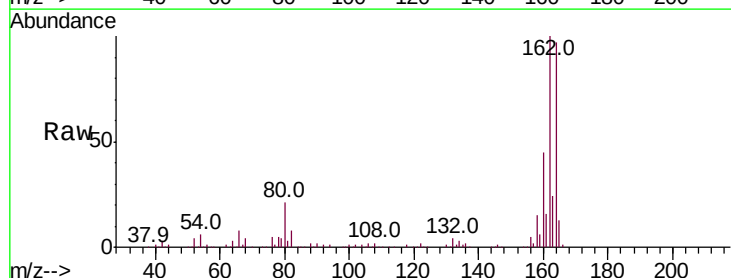


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

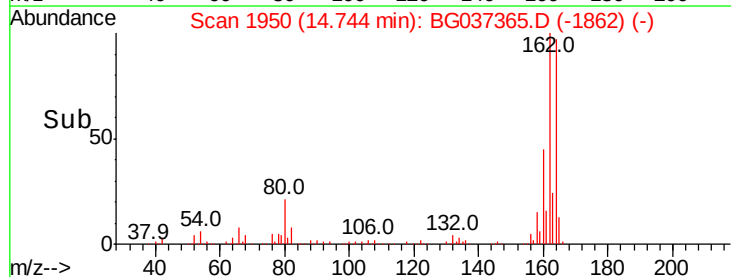
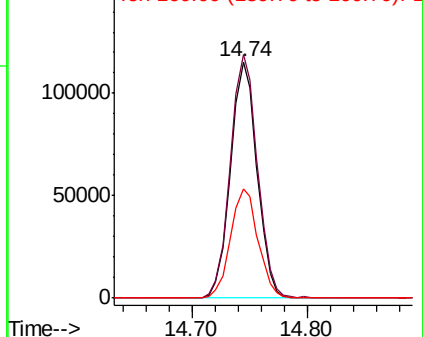


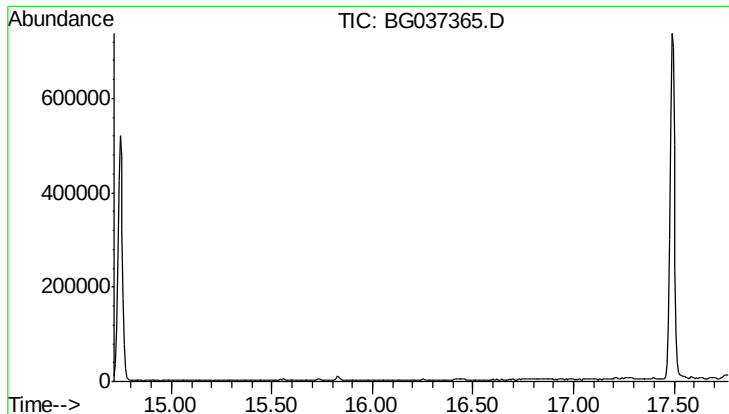
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Tgt Ion: 164 Resp: 183362
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 46.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

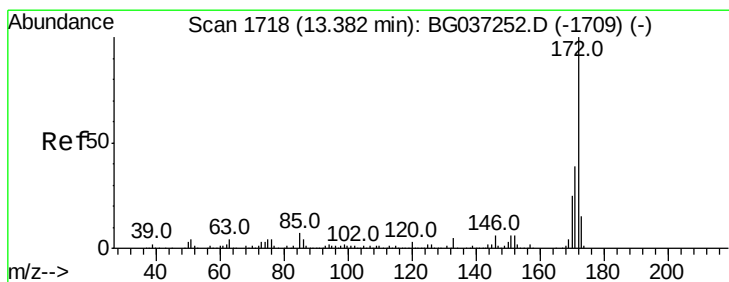
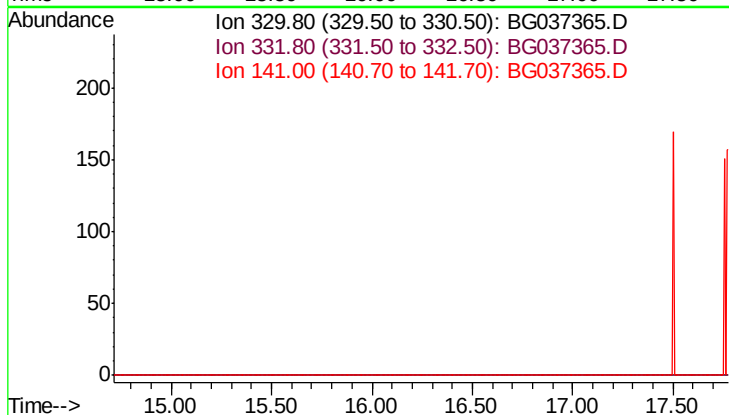




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.24 min
 Lab File: BG037365.D
 Acq: 16 Oct 2018 18:47

Instrument :
 BNA_G
 ClientSampleId :
 CON-163

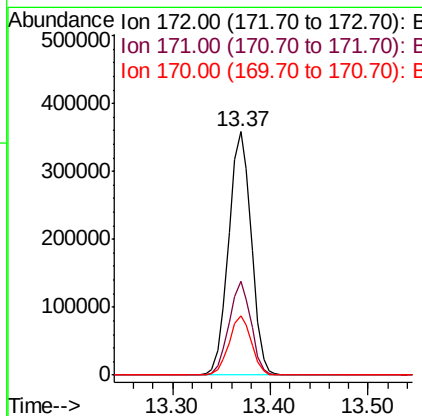
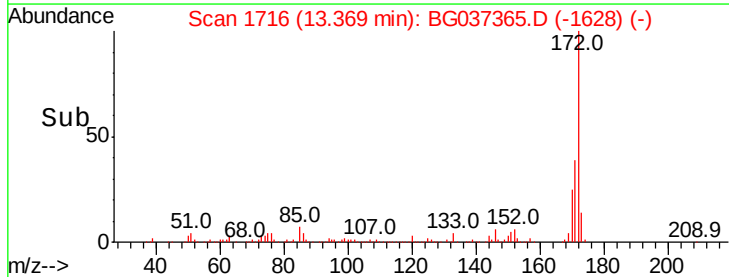
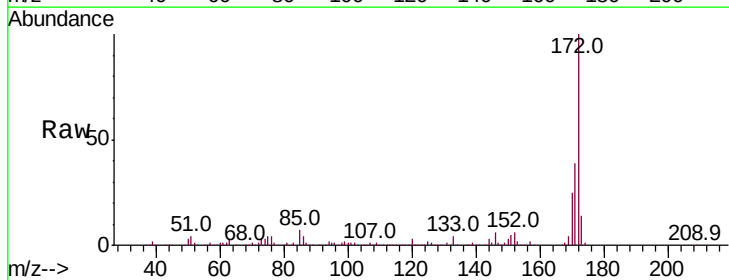
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 98.0
 141 40.2

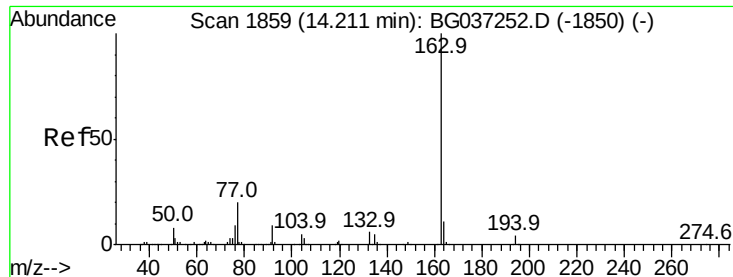


#45
 2-Fluorobiphenyl
 Concen: 47.132 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037365.D
 Acq: 16 Oct 2018 18:47

Tgt Ion: 172 Resp: 575474

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	24.5	20.2	30.2





#50

Dimethylphthalate

Concen: 4.507 ng

RT: 14.19 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BG037365.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

CON-163

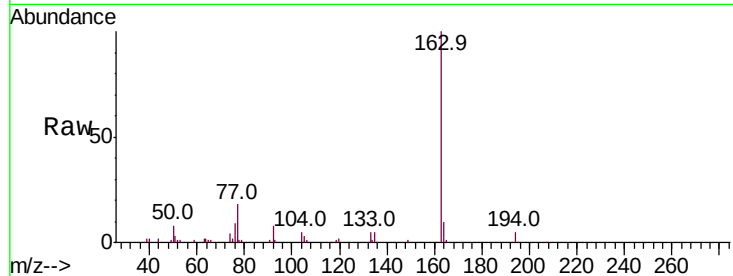
Tot Ion:163 Resp: 64952

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

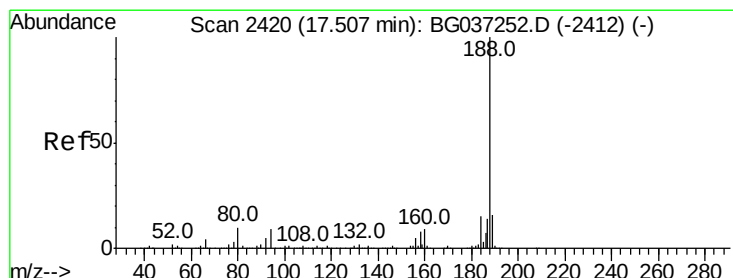
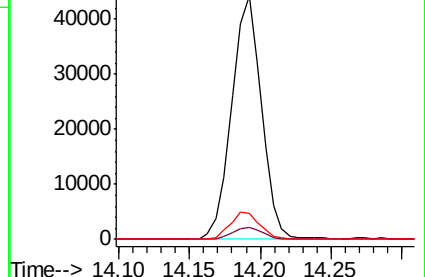
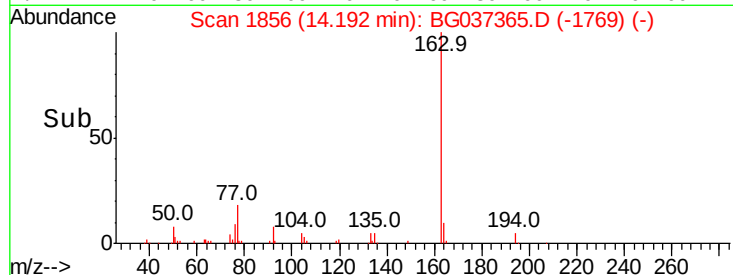
164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037365.D

Acq: 16 Oct 2018 18:47

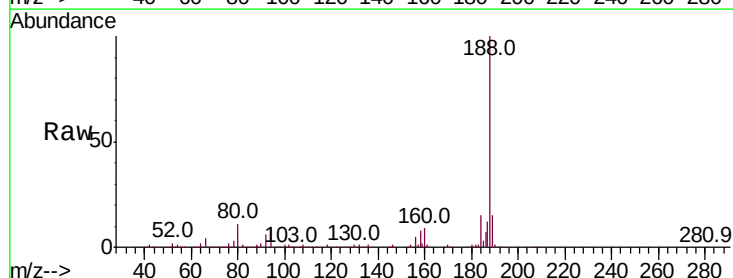
Tgt Ion:188 Resp: 476760

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

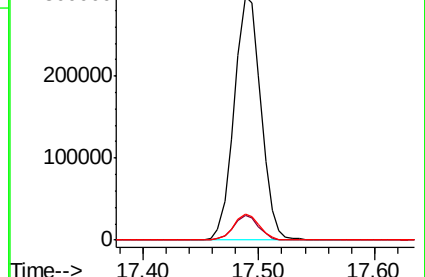
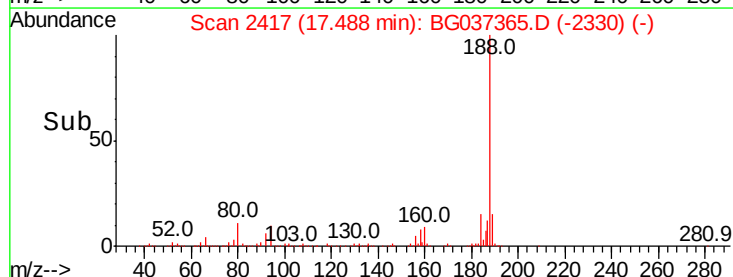
80 10.8 7.7 11.5

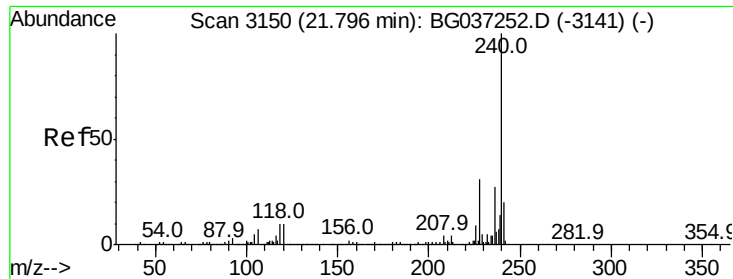


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037365.D

Acq: 16 Oct 2018 18:47

Instrument :

BNA_G

ClientSampleId :

CON-163

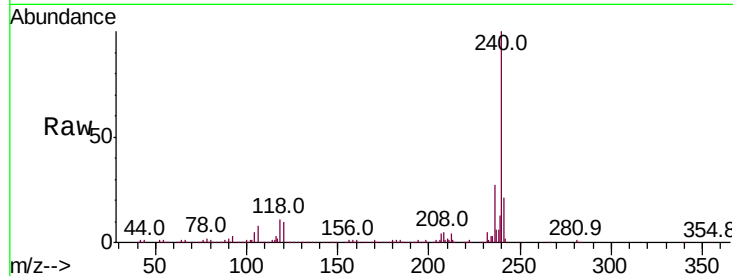
Tot Ion:240 Resp: 436746

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

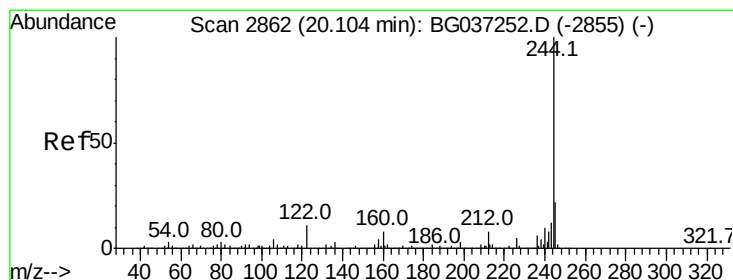
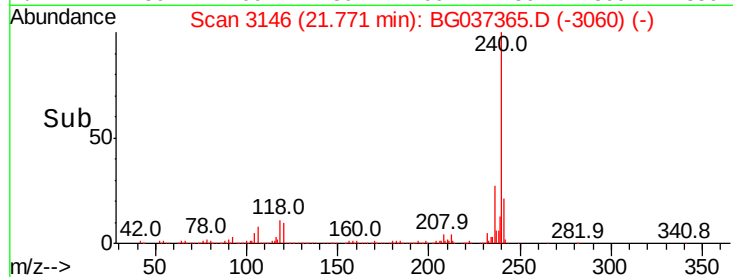
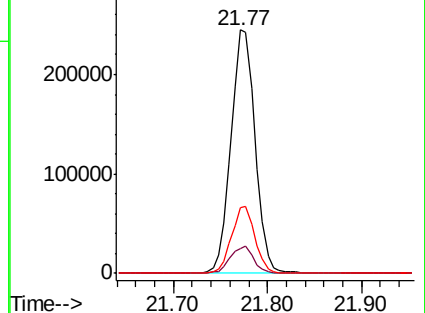
236 27.0 21.4 32.0



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: 45.430 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037365.D

Acq: 16 Oct 2018 18:47

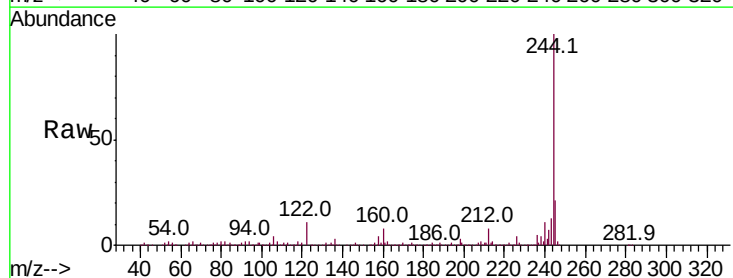
Tgt Ion:244 Resp: 944937

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

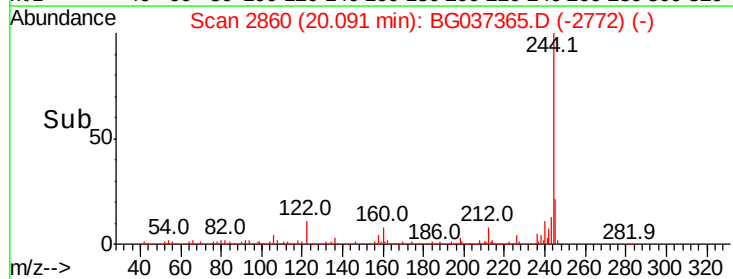
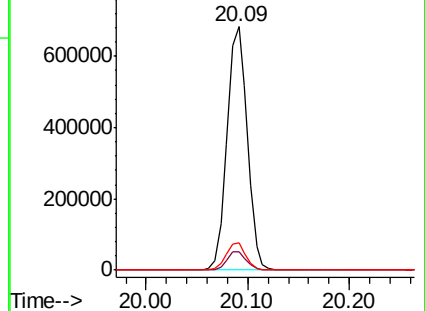
122 11.0 9.0 13.4

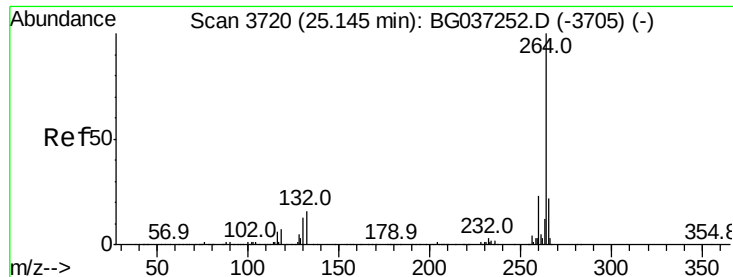


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

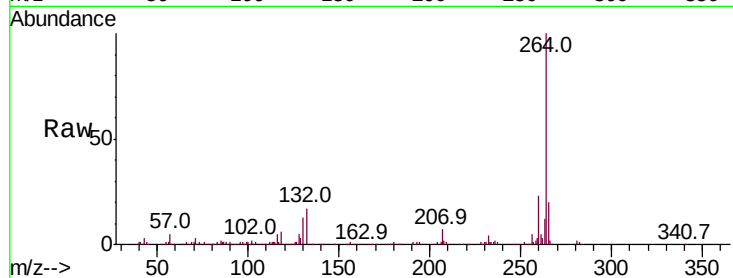




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037365.D
Acq: 16 Oct 2018 18:47

Instrument :
BNA_G
ClientSampleId :
CON-163

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.1	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

