

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037378.D
 Acq On : 17 Oct 2018 6:19
 Operator : JU/SJ
 Sample : J5198-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-D

Quant Time: Oct 17 07:19:44 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

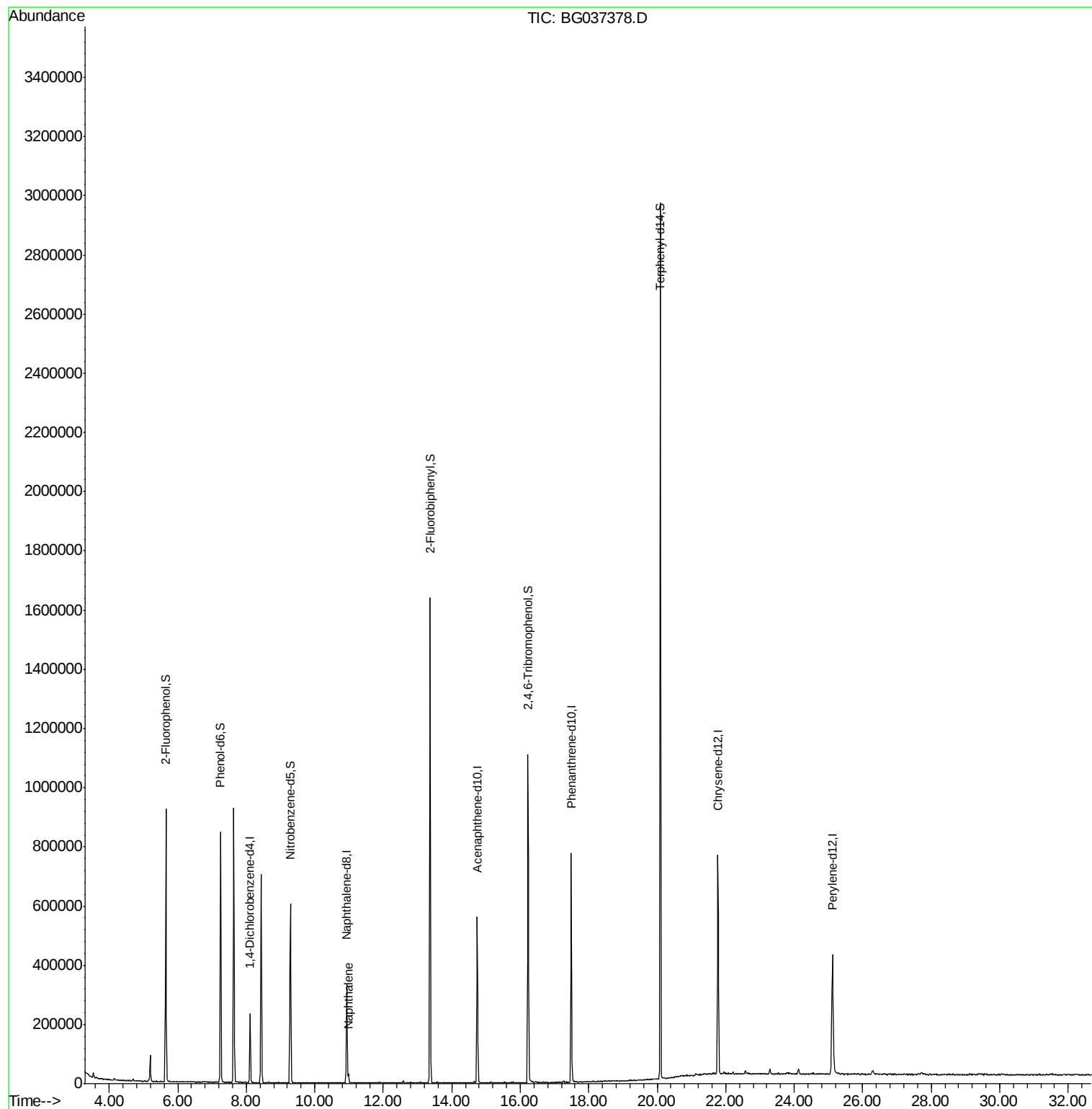
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	69280	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	294964	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	196879	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	503597	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	465791	20.00	ng	-0.02
87) Perylene-d12	25.12	264	460972	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	421518	107.08	ng	0.00
7) Phenol-d6	7.25	99	542553	90.80	ng	0.00
23) Nitrobenzene-d5	9.29	82	376969	84.02	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	204753	106.04	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	915111	69.80	ng	-0.01
79) Terphenyl-d14	20.09	244	1458336	65.74	ng	-0.01
Target Compounds						
31) Naphthalene	10.98	128	30059	2.097	ng	Qvalue 98

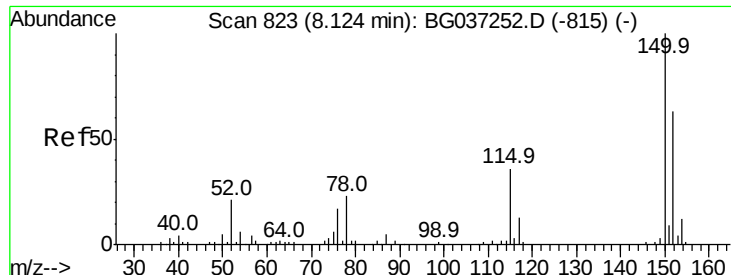
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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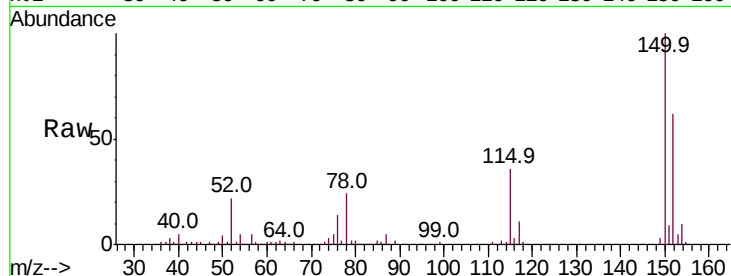


#1

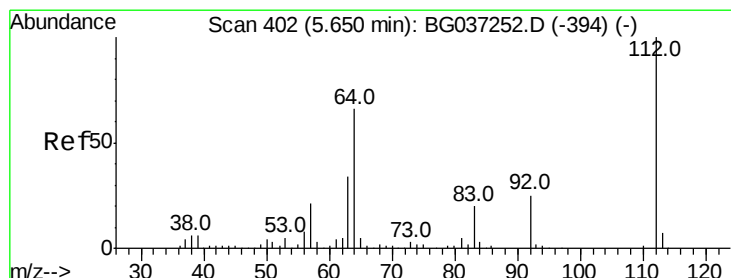
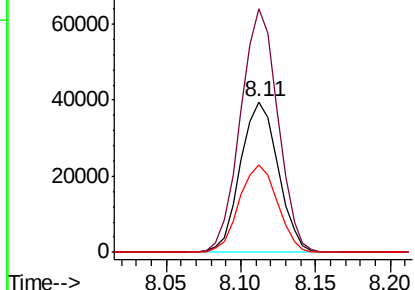
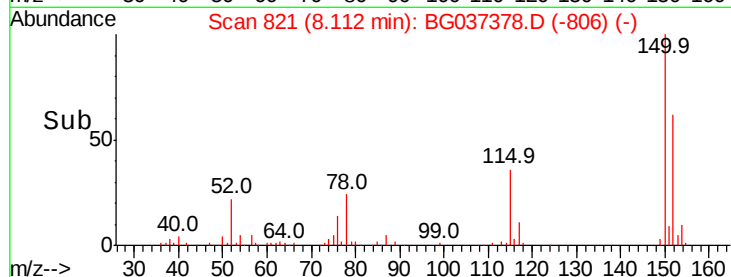
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-D

Tot Ion:152 Resp: 69280
Ion Ratio Lower Upper
152 100
150 161.5 126.0 189.0
115 58.4 45.5 68.3



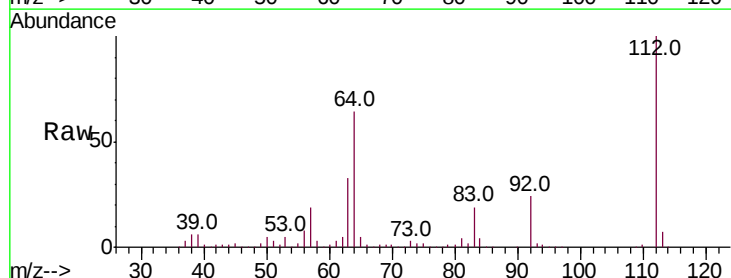
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



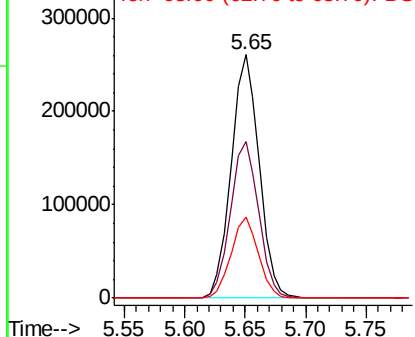
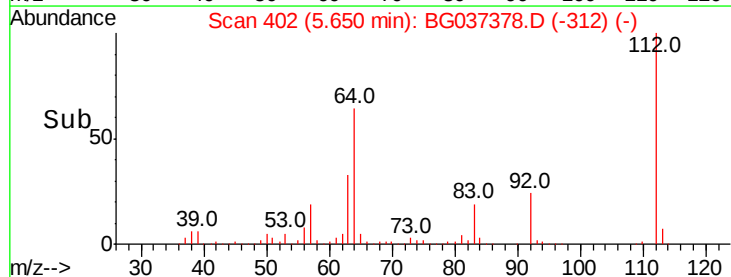
#5

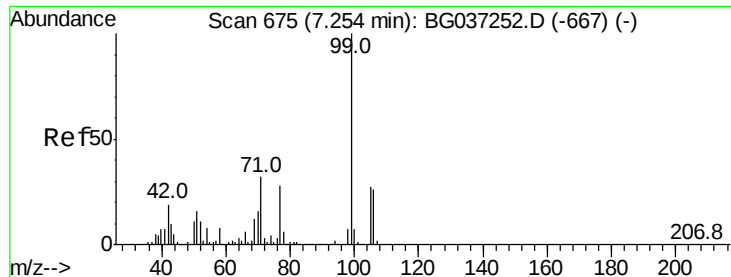
2-Fluorophenol
Concen: 107.077 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Tgt Ion:112 Resp: 421518
Ion Ratio Lower Upper
112 100
64 64.2 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: 90.803 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037378.D

Acq: 17 Oct 2018 6:19

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-D

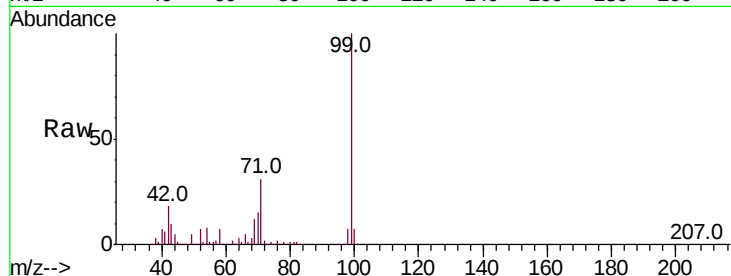
Tot Ion: 99 Resp: 542553

Ion Ratio Lower Upper

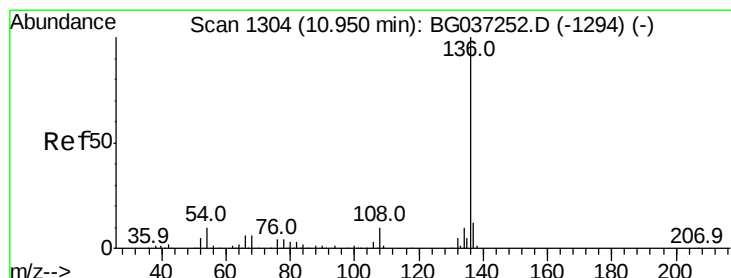
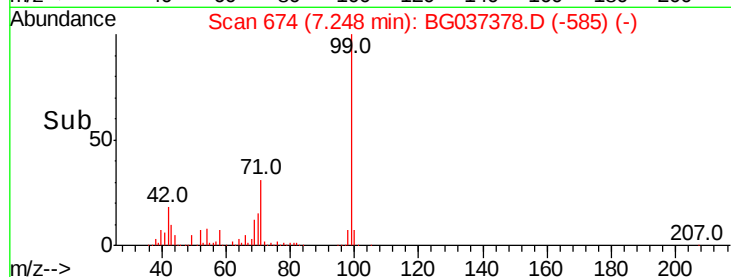
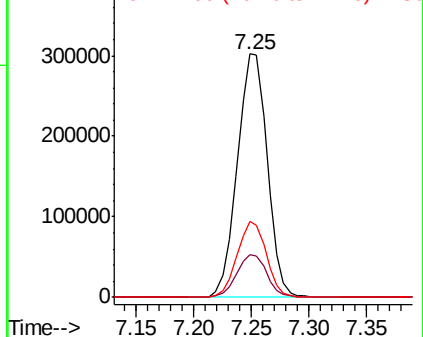
99 100

42 17.7 15.0 22.4

71 31.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037378.D

Acq: 17 Oct 2018 6:19

Tgt Ion: 136 Resp: 294964

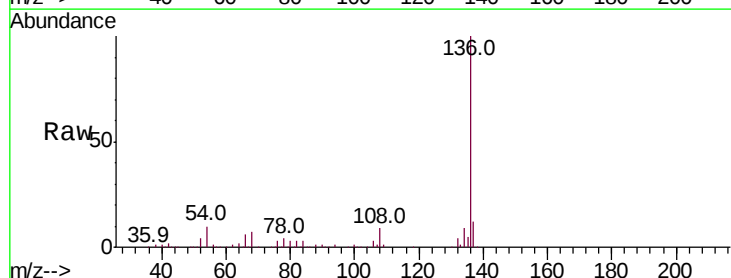
Ion Ratio Lower Upper

136 100

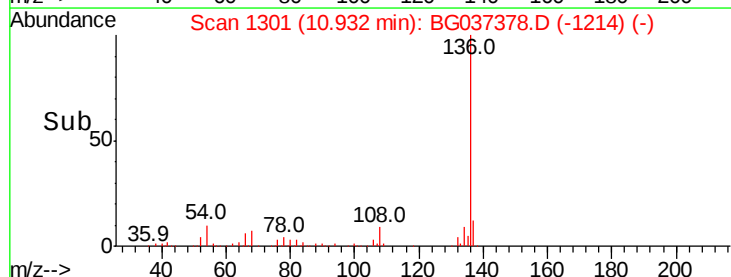
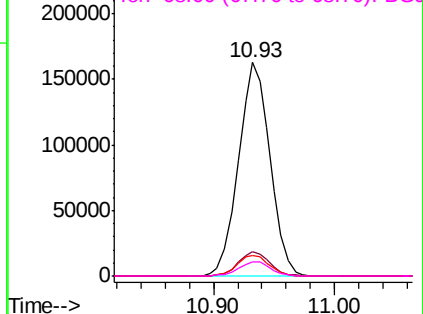
137 11.7 9.6 14.4

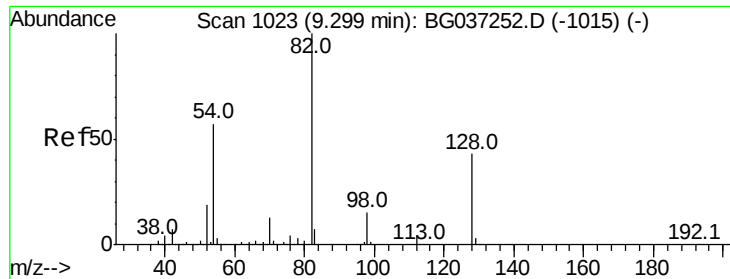
54 9.8 7.9 11.9

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

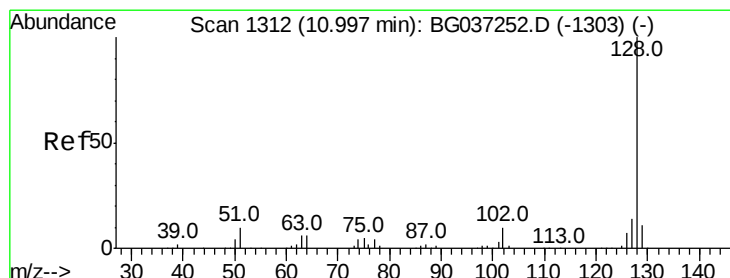
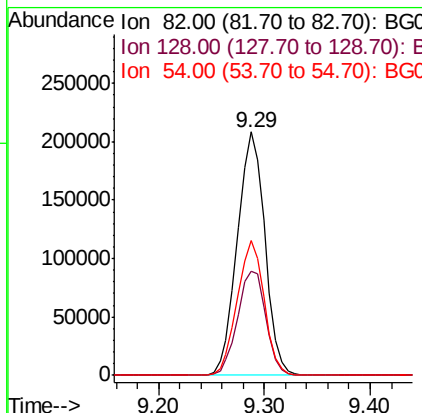
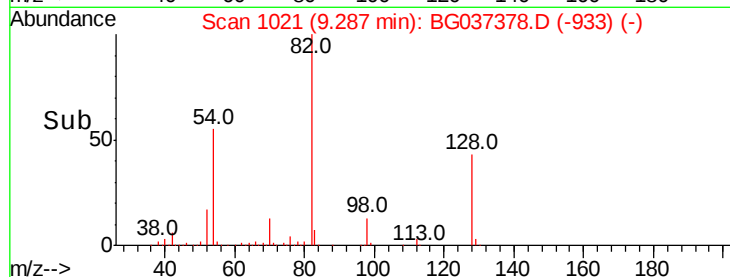
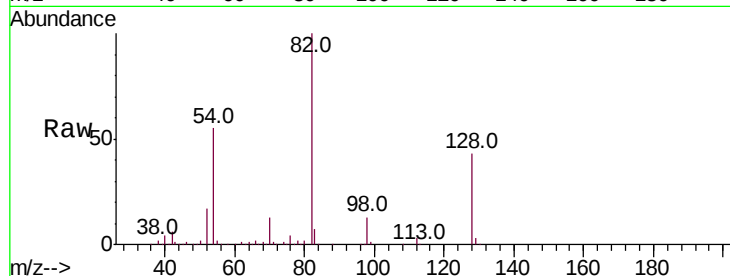




#23
Nitrobenzene-d5
Concen: 84.023 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

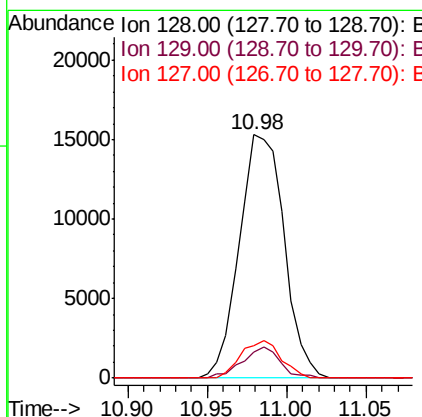
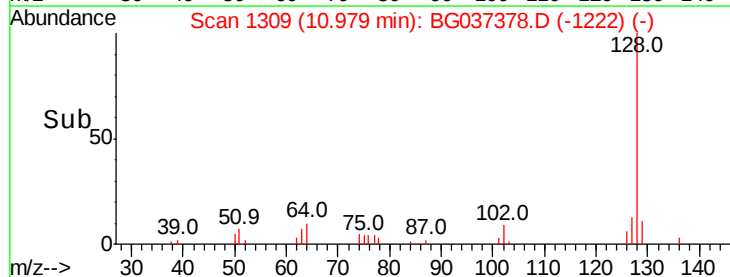
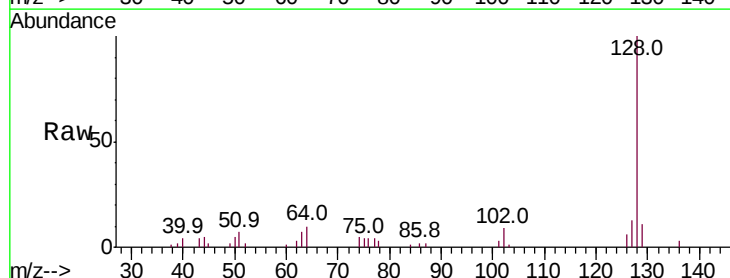
Instrument :
BNA_G
ClientSampleId :
CL-02-101218-D

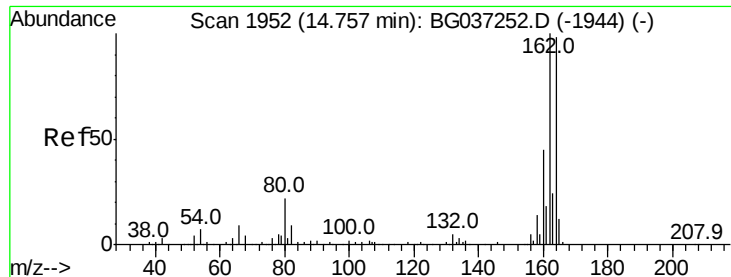
Tot Ion: 82 Resp: 376969
Ion Ratio Lower Upper
82 100
128 42.7 34.6 51.8
54 55.3 45.3 67.9



#31
Naphthalene
Concen: 2.097 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Tgt Ion: 128 Resp: 30059
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.2 11.1 16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037378.D

Acq: 17 Oct 2018 6:19

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-D

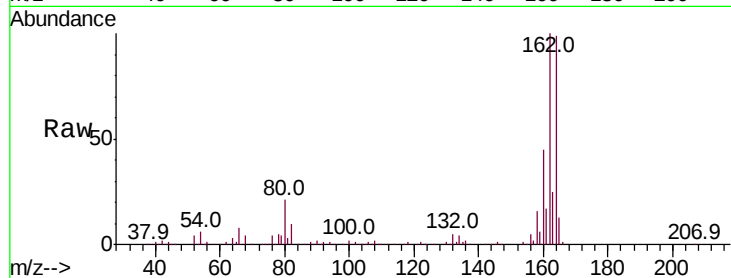
Tot Ion:164 Resp: 196879

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

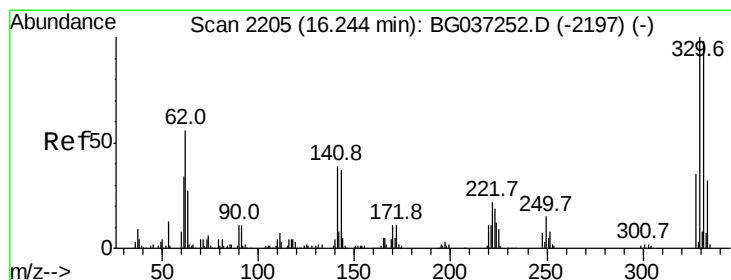
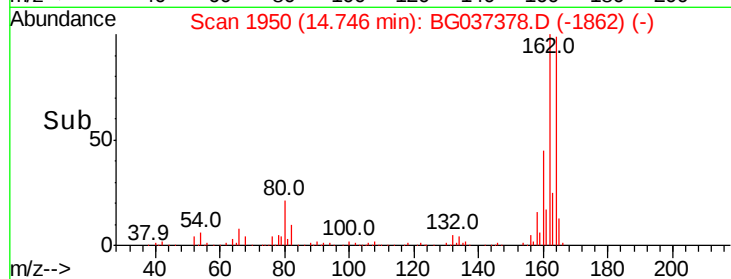
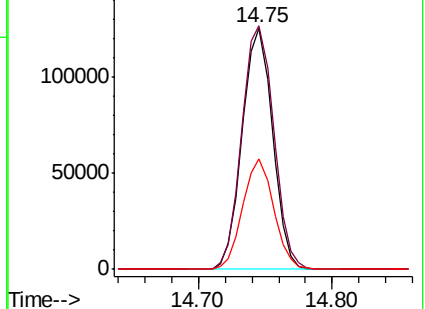
160 45.5 36.3 54.5



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: 106.044 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037378.D

Acq: 17 Oct 2018 6:19

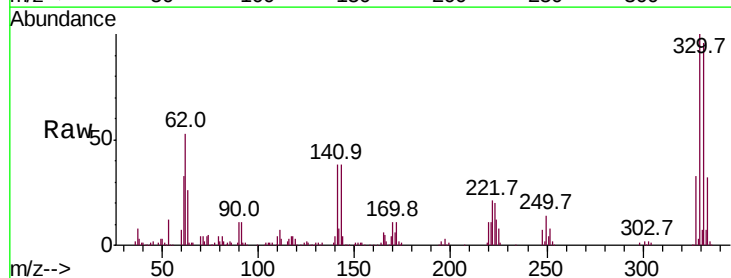
Tgt Ion:330 Resp: 204753

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

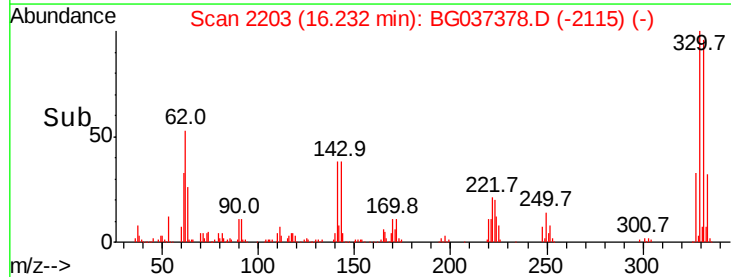
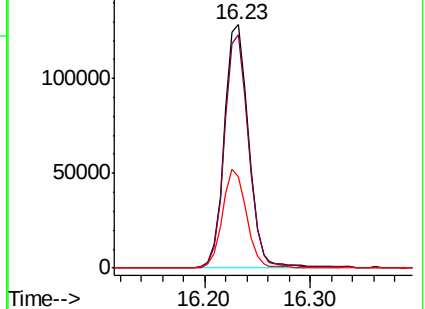
141 40.5 32.2 48.2

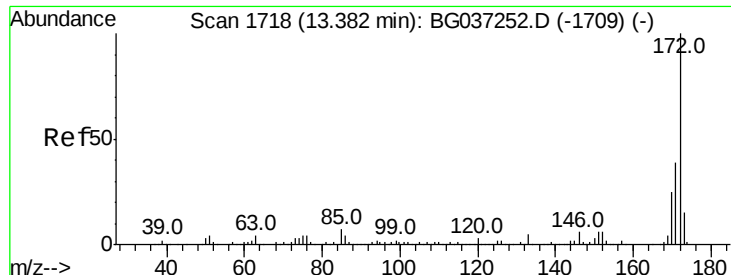


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

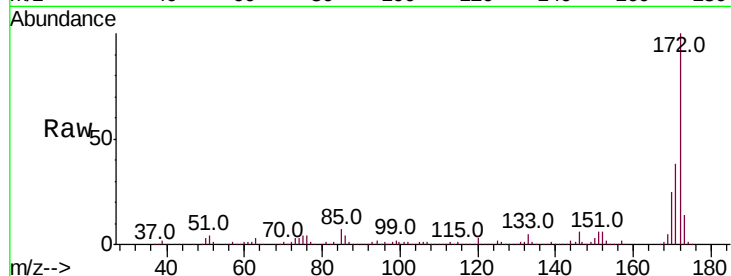




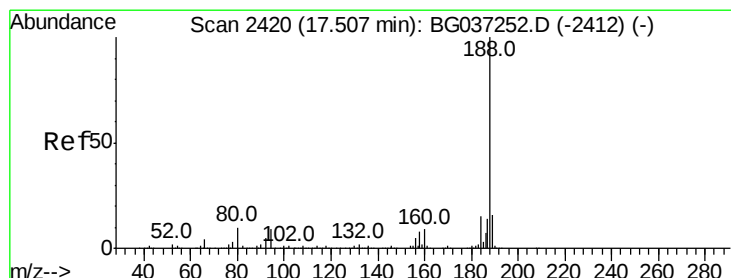
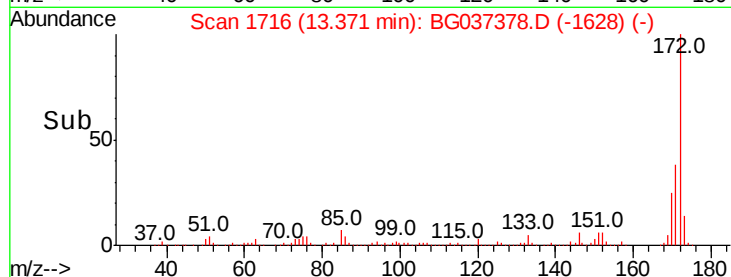
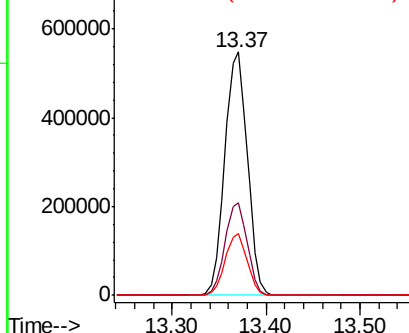
#45
 2-Fluorobiphenyl
 Concen: 69.803 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037378.D
 Acq: 17 Oct 2018 6:19

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-D

Tot Ion:172 Resp: 915111
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 25.2 20.2 30.2

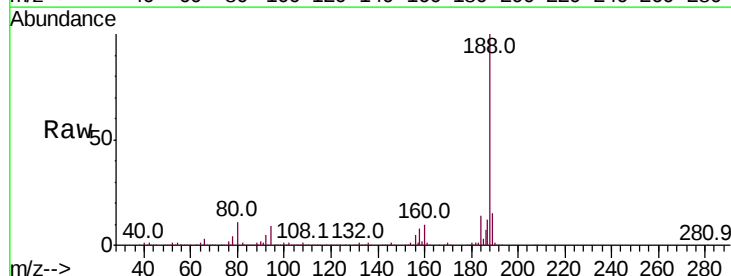


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

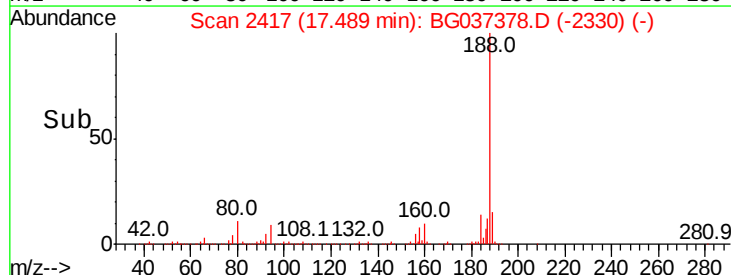
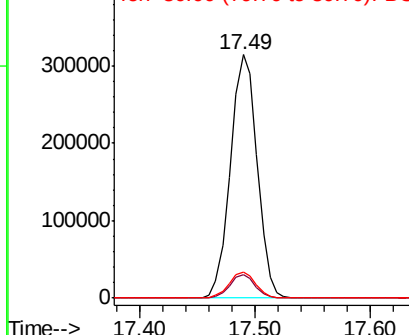


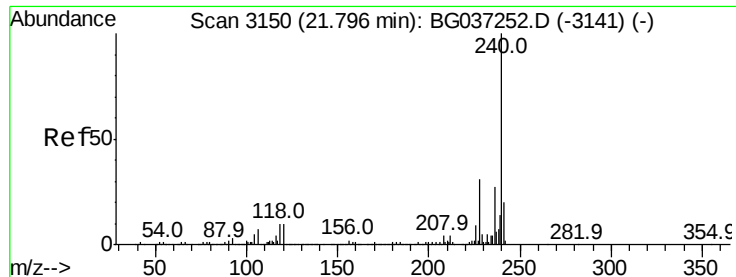
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037378.D
 Acq: 17 Oct 2018 6:19

Tgt Ion:188 Resp: 503597
 Ion Ratio Lower Upper
 188 100
 94 9.4 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): BG
 Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.02 min

Lab File: BG037378.D

Acq: 17 Oct 2018 6:19

Instrument :

BNA_G

ClientSampleId :

CL-02-101218-D

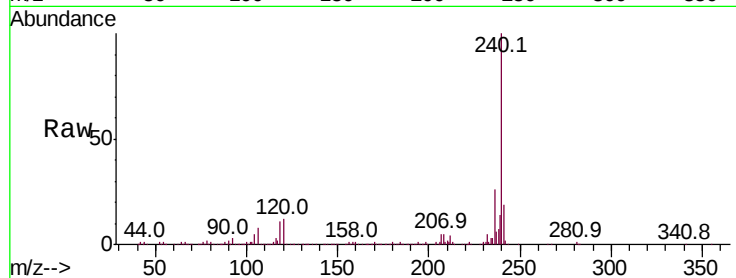
Tot Ion:240 Resp: 465791

Ion Ratio Lower Upper

240 100

120 11.9 8.1 12.1

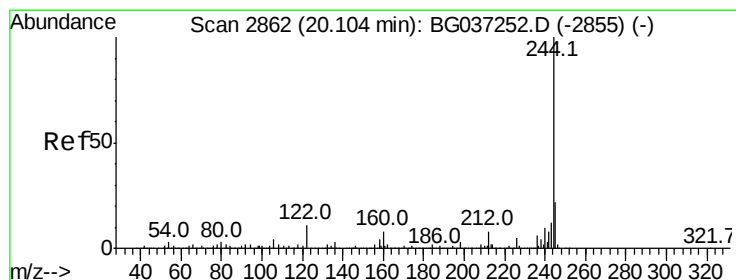
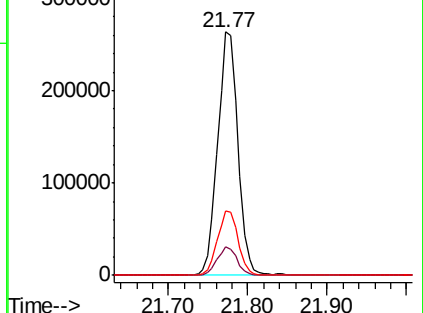
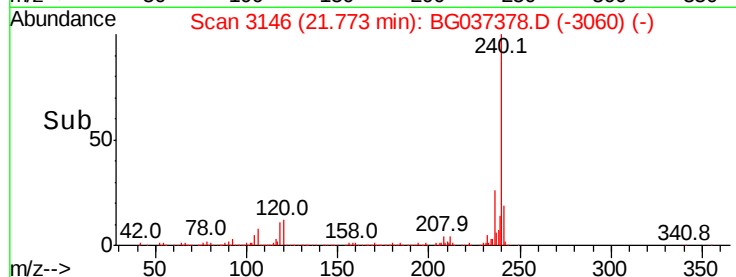
236 26.5 21.4 32.0



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: 65.741 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037378.D

Acq: 17 Oct 2018 6:19

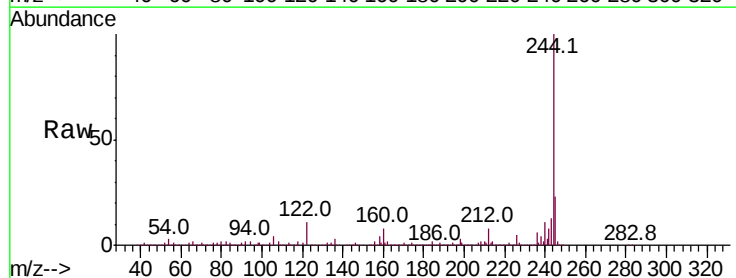
Tgt Ion:244 Resp: 1458336

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

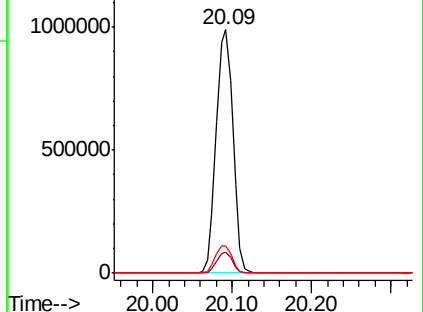
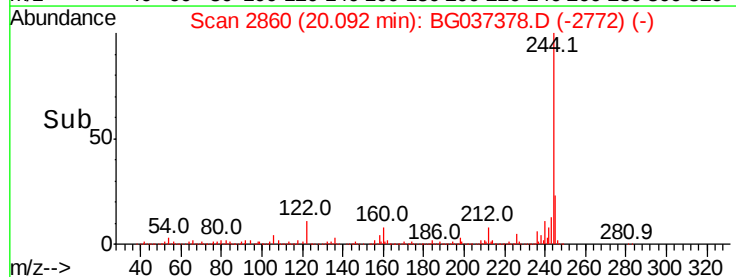
122 11.4 9.0 13.4

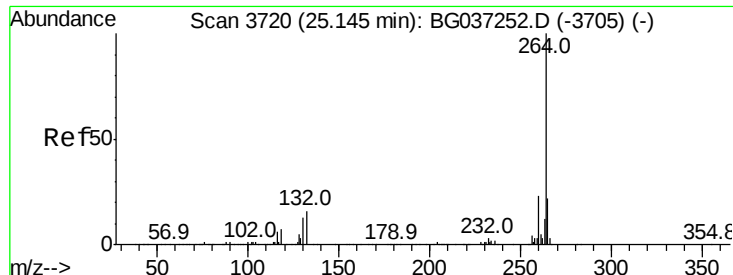


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

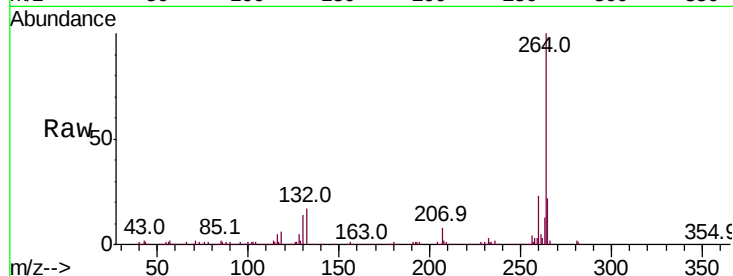




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3715
 Delta R.T. -0.03 min
 Lab File: BG037378.D
 Acq: 17 Oct 2018 6:19

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-101218-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.3	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

