

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
 Data File : BG037611.D
 Acq On : 27 Oct 2018 10:49
 Operator : JU/SJ
 Sample : J5686-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102418-SIDI-F-D-S

Quant Time: Oct 29 04:30:35 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

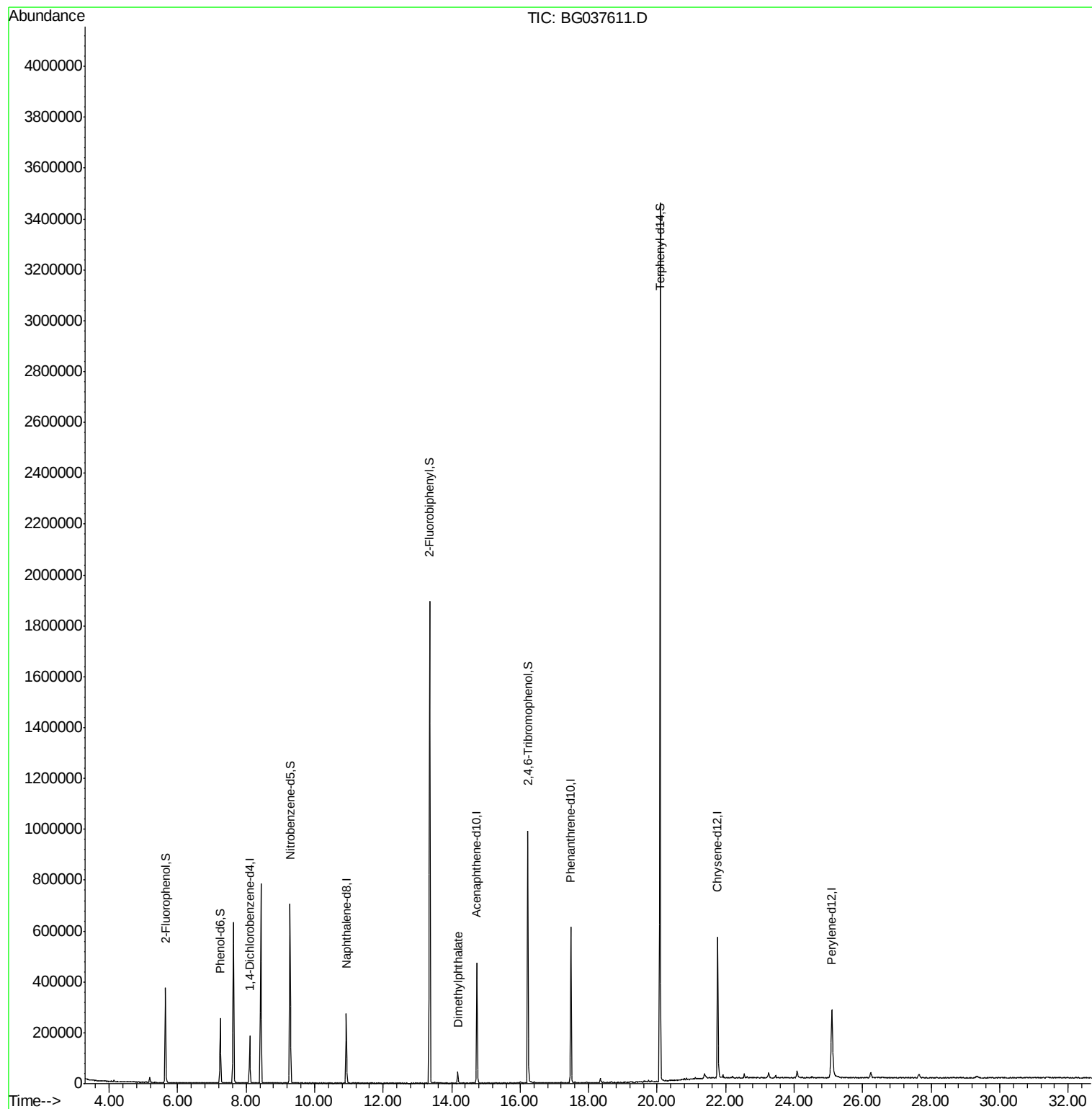
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55915	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	240852	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	167798	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	403179	20.00	ng	0.00
76) Chrysene-d12	21.76	240	360304	20.00	ng	-0.01
87) Perylene-d12	25.11	264	341322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	173883	51.99	ng	0.00
7) Phenol-d6	7.25	99	164113	32.45	ng	0.00
23) Nitrobenzene-d5	9.28	82	455028	105.83	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	180490	98.62	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1065024	95.71	ng	0.00
79) Terphenyl-d14	20.08	244	1609031	95.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	32683	2.518	ng	Qvalue 98

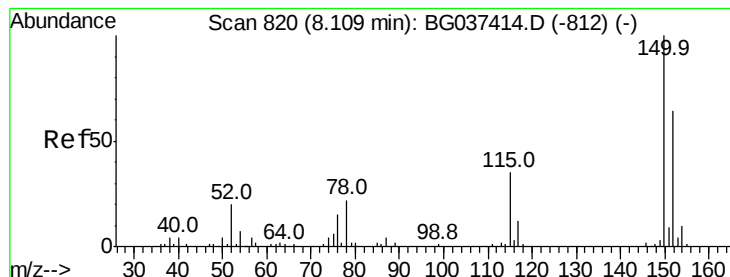
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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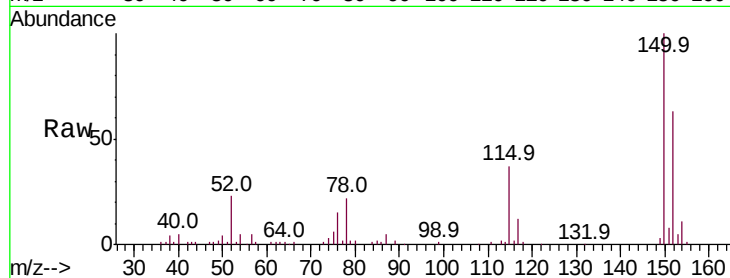


#1

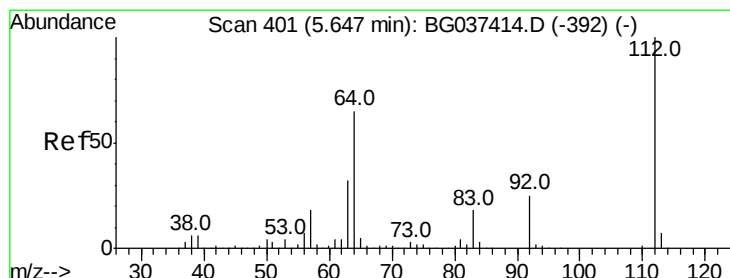
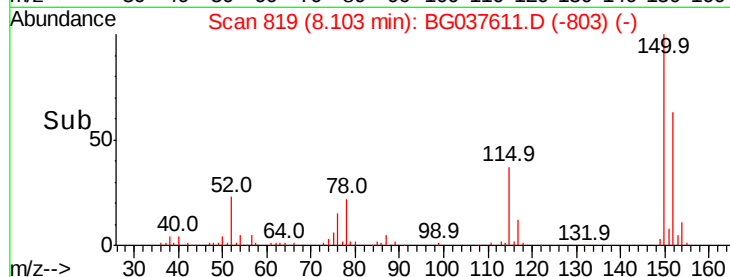
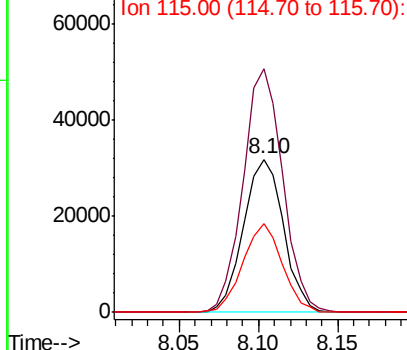
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037611.D
Acq: 27 Oct 2018 10:49

Instrument :
BNA_G
ClientSampleId :
102418-SIDI-F-D-S

Tot Ion:152 Resp: 55915
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 58.3 45.5 68.3



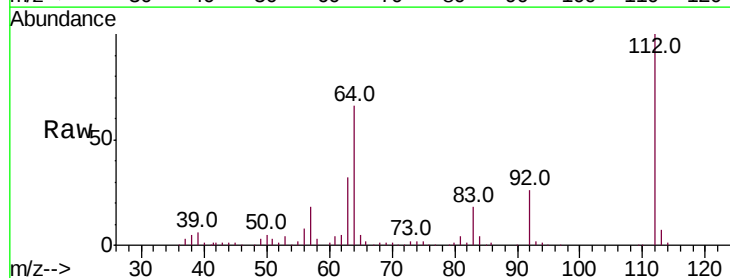
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



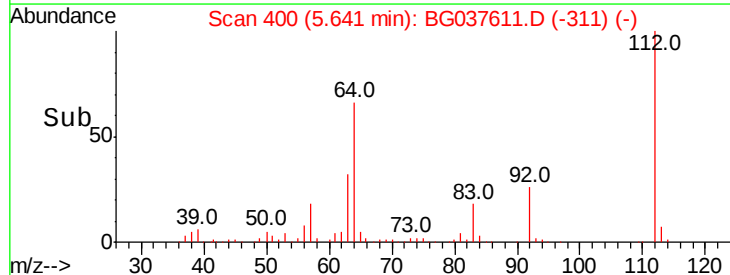
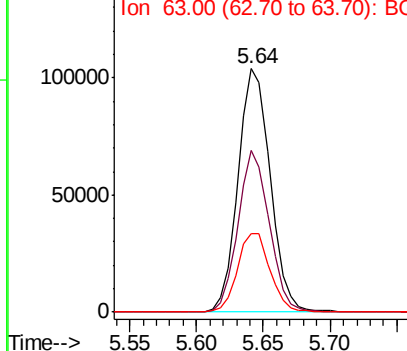
#5

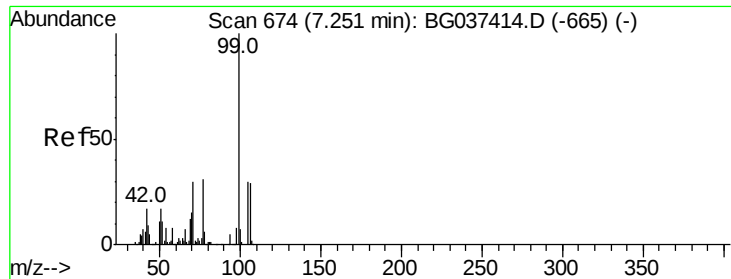
2-Fluorophenol
Concen: 51.991 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037611.D
Acq: 27 Oct 2018 10:49

Tgt Ion:112 Resp: 173883
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 32.0 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: 32.451 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037611.D

Acq: 27 Oct 2018 10:49

Instrument :

BNA_G

ClientSampleId :

102418-SIDI-F-D-S

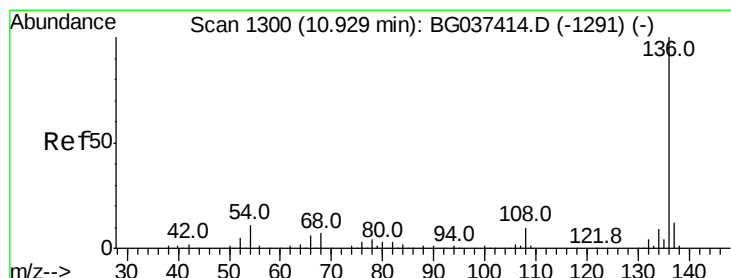
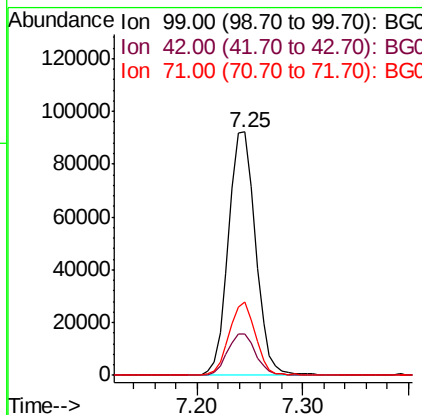
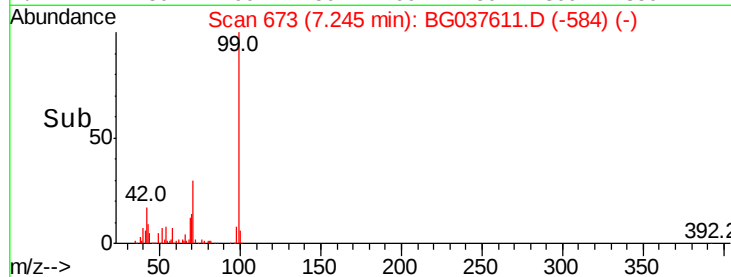
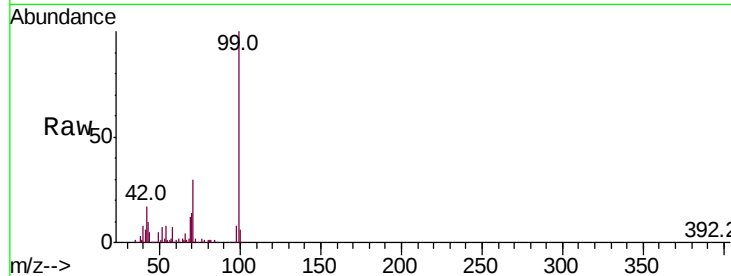
Tot Ion: 99 Resp: 164113

Ion Ratio Lower Upper

99 100

42 17.1 15.0 22.4

71 30.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037611.D

Acq: 27 Oct 2018 10:49

Tgt Ion: 136 Resp: 240852

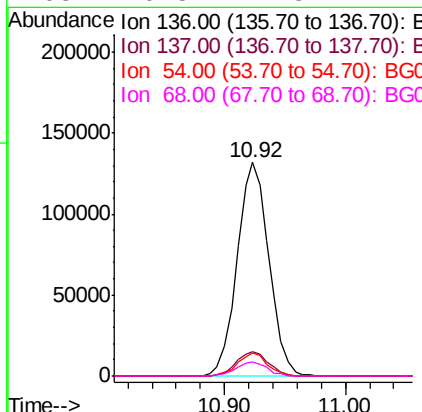
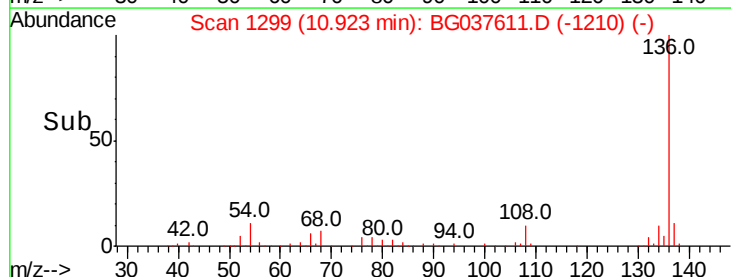
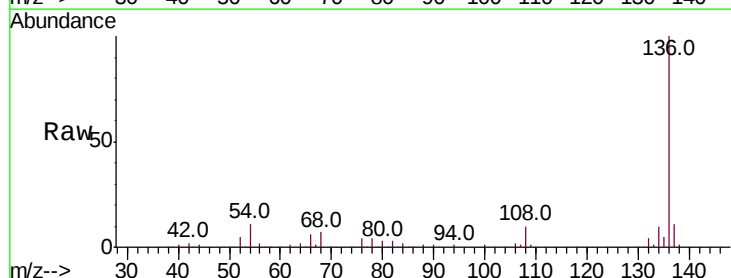
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 10.7 7.9 11.9

68 6.8 4.8 7.2

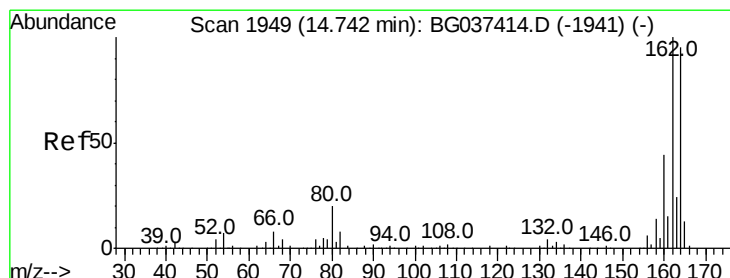
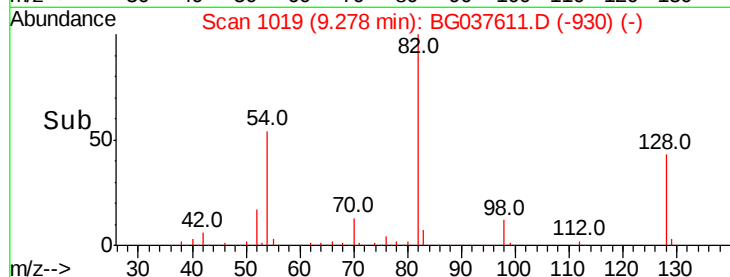
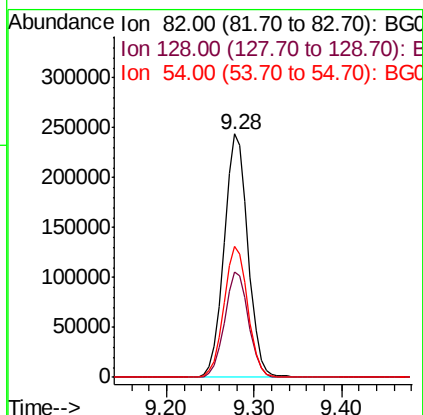
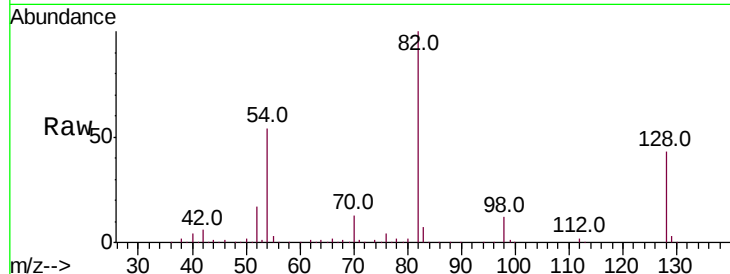




#23
 Nitrobenzene-d5
 Concen: 105.833 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037611.D
 Acq: 27 Oct 2018 10:49

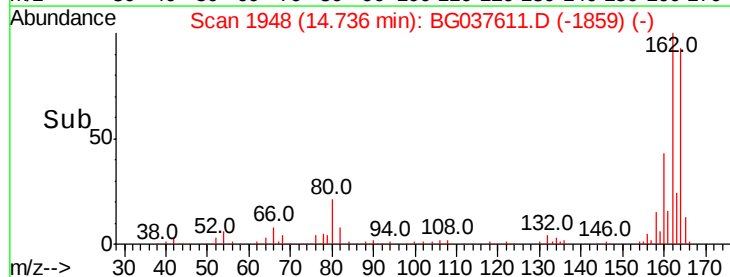
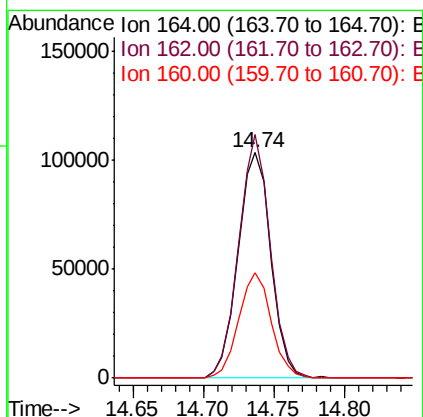
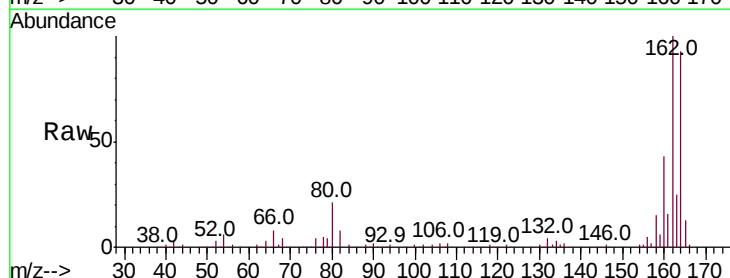
Instrument :
 BNA_G
 ClientSampleId :
 102418-SIDI-F-D-S

Tot Ion	82	Resp	455028
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.6	51.8
54	54.1	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037611.D
 Acq: 27 Oct 2018 10:49

Tgt Ion	164	Resp	167798
Ion Ratio	Lower	Upper	
164	100		
162	108.0	81.3	121.9
160	46.5	36.3	54.5

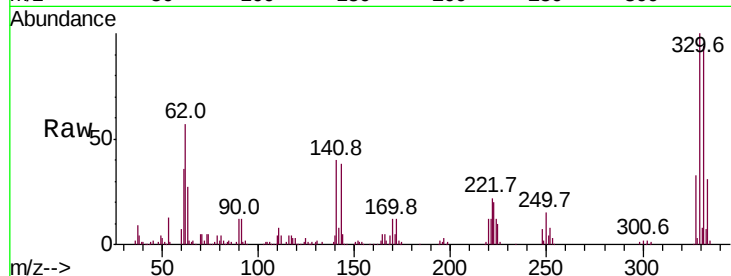




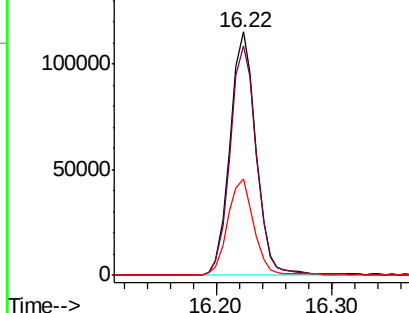
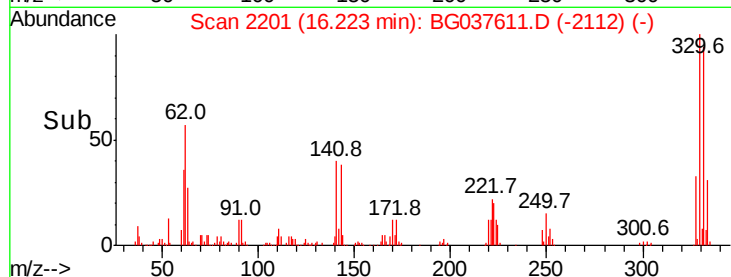
#42
 2,4,6-Tribromophenol
 Concen: 98.620 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037611.D
 Acq: 27 Oct 2018 10:49

Instrument :
 BNA_G
 ClientSampleId :
 102418-SIDI-F-D-S

Tot Ion:330 Resp: 180490
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.4 117.6
 141 39.9 32.2 48.2

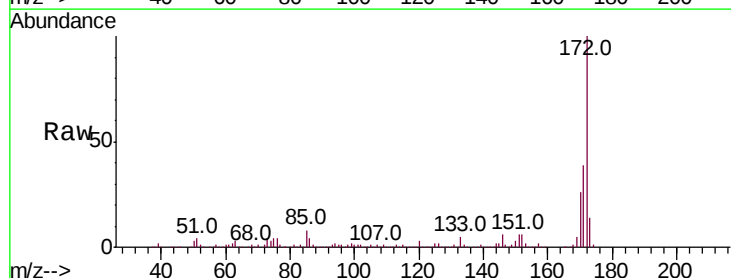


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

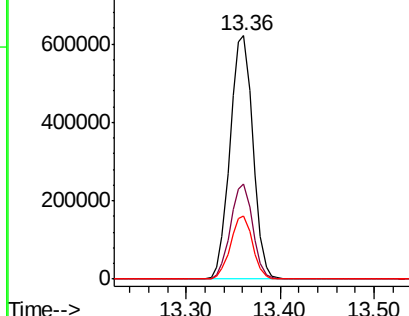
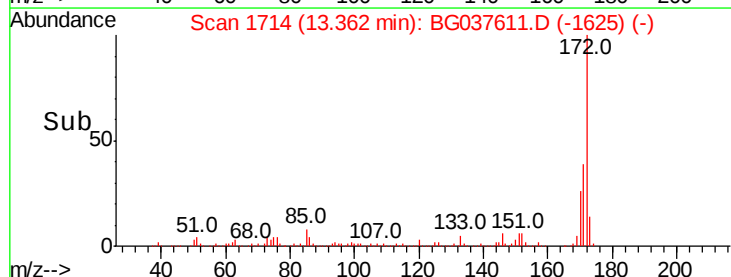


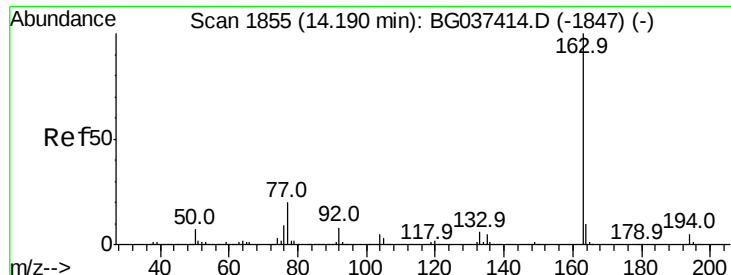
#45
 2-Fluorobiphenyl
 Concen: 95.710 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037611.D
 Acq: 27 Oct 2018 10:49

Tgt Ion:172 Resp: 1065024
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.0 46.4
 170 25.7 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





#50

Dimethylphthalate

Concen: 2.518 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037611.D

Acq: 27 Oct 2018 10:49

Instrument :

BNA_G

ClientSampleId :

102418-SIDI-F-D-S

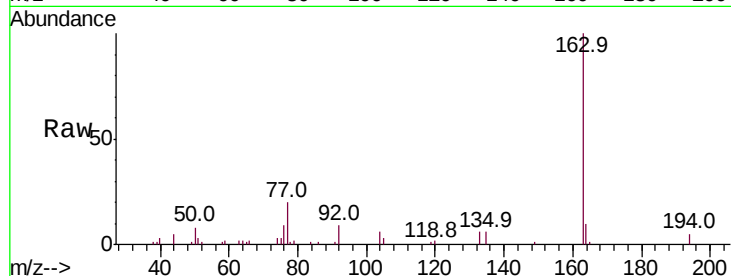
Tot Ion:163 Resp: 32683

Ion Ratio Lower Upper

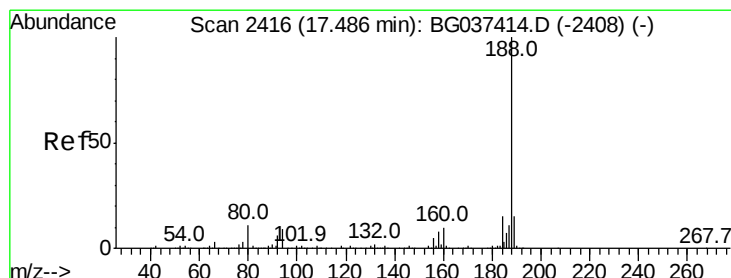
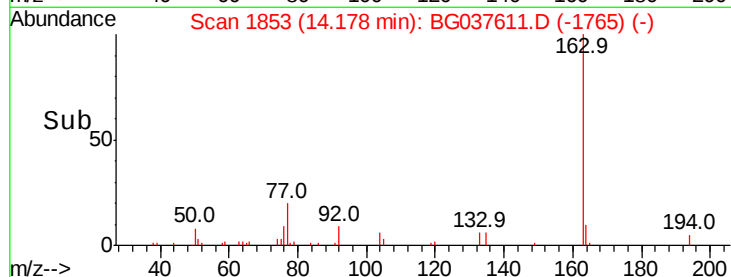
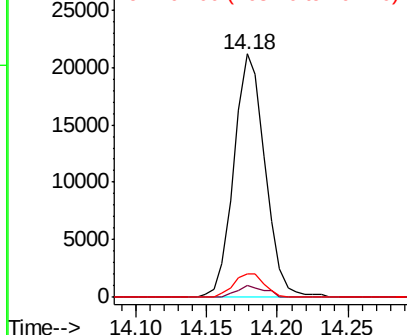
163 100

194 5.1 3.5 5.3

164 9.7 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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037611.D

Acq: 27 Oct 2018 10:49

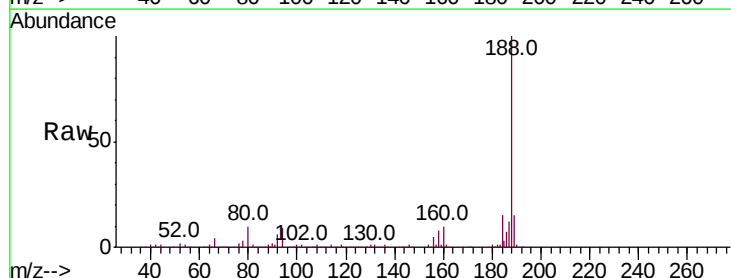
Tgt Ion:188 Resp: 403179

Ion Ratio Lower Upper

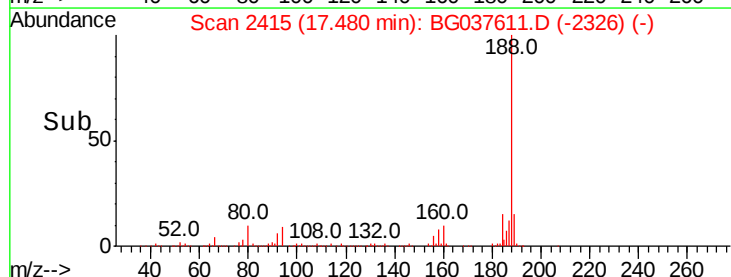
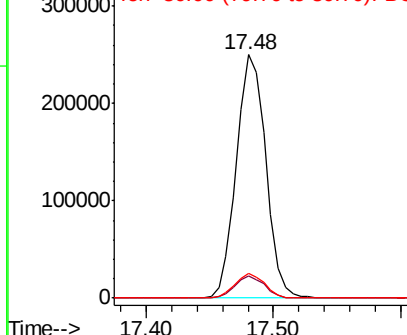
188 100

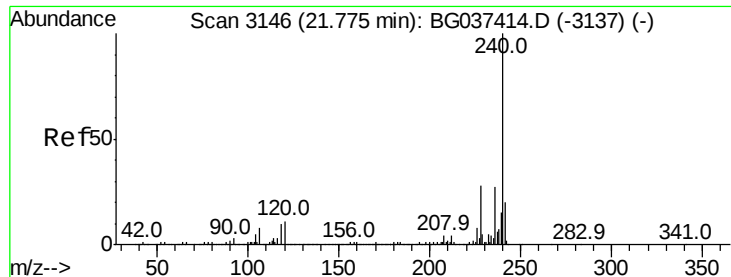
94 9.2 7.2 10.8

80 9.9 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

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037611.D

Acq: 27 Oct 2018 10:49

Instrument :

BNA_G

ClientSampleId :

102418-SIDI-F-D-S

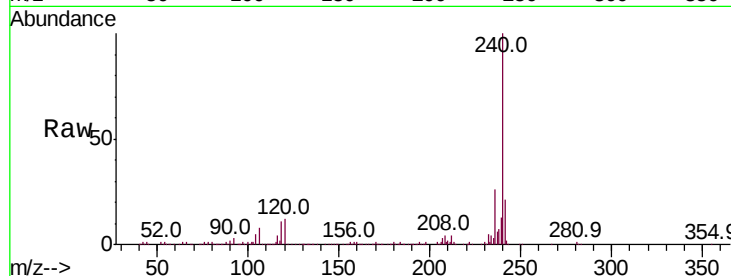
Tot Ion:240 Resp: 360304

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

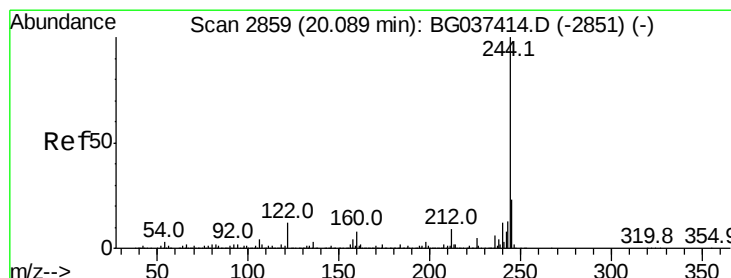
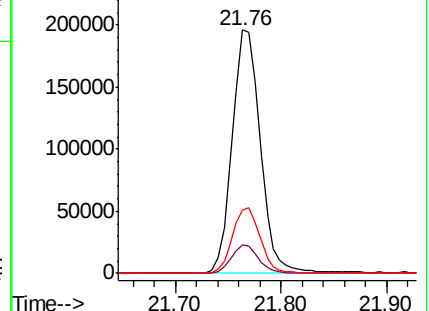
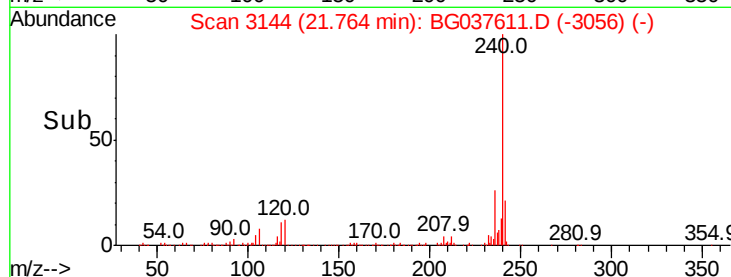
236 25.9 21.4 32.0



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: 95.423 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037611.D

Acq: 27 Oct 2018 10:49

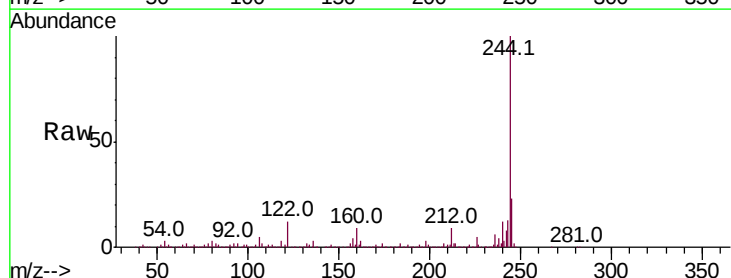
Tgt Ion:244 Resp: 1609031

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

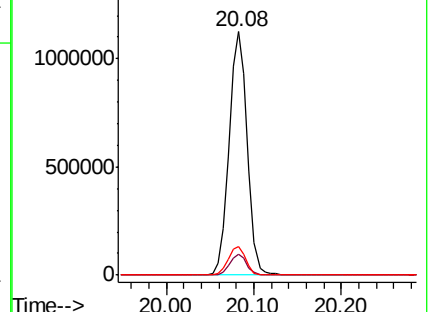
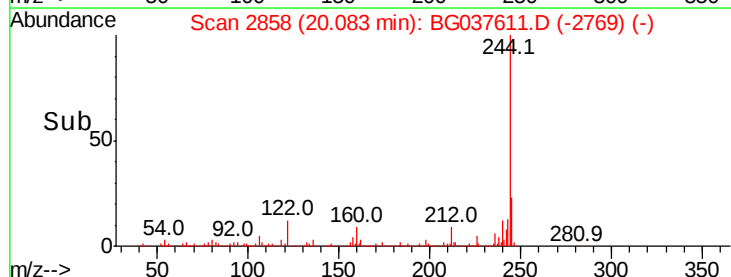
122 12.0 9.0 13.4

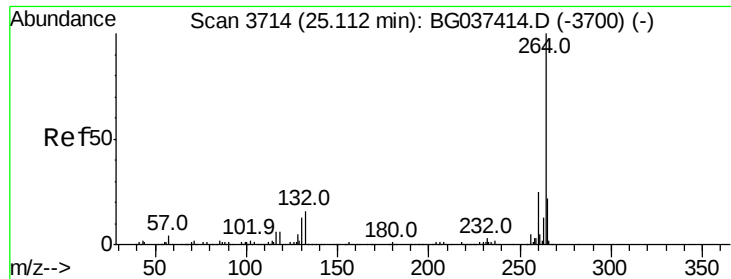


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3713
Delta R.T. -0.01 min
Lab File: BG037611.D
Acq: 27 Oct 2018 10:49

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.5	17.9	26.9

