

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037677.D
 Acq On : 31 Oct 2018 7:01
 Operator : JU/SJ
 Sample : J5722-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102618-SIDI-F-U-M

Quant Time: Oct 31 09:30:14 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

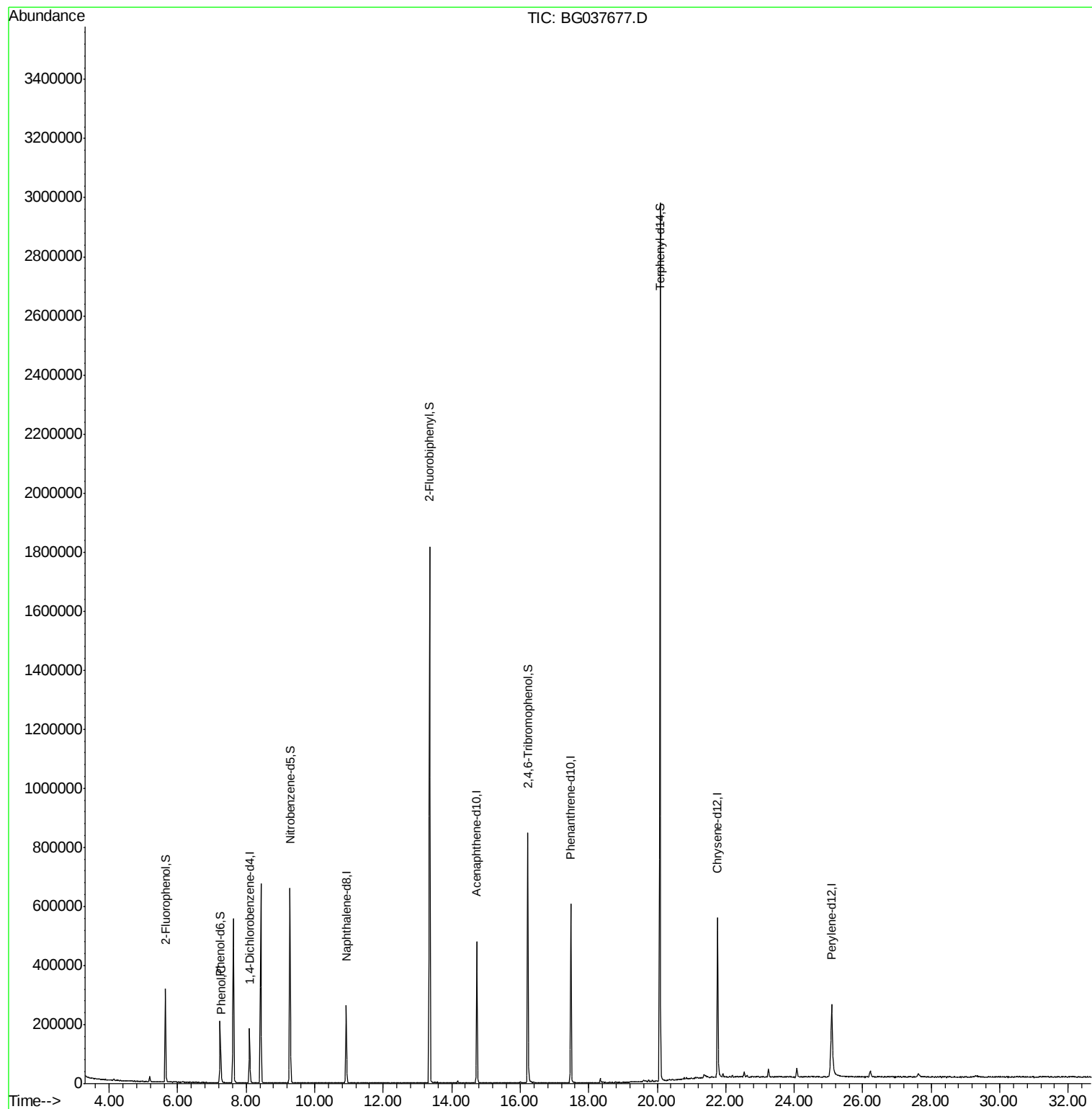
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55261	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	244313	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	168131	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	385641	20.00	ng	0.00
76) Chrysene-d12	21.76	240	351484	20.00	ng	-0.01
87) Perylene-d12	25.09	264	326815	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	146877	44.44	ng	0.00
7) Phenol-d6	7.24	99	136504	27.31	ng	-0.01
23) Nitrobenzene-d5	9.28	82	415748	95.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	162647	88.69	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	971560	87.14	ng	-0.01
79) Terphenyl-d14	20.08	244	1446038	87.91	ng	0.00
Target Compounds						
10) Phenol	7.27	94	25786	4.890	ng	Qvalue 91

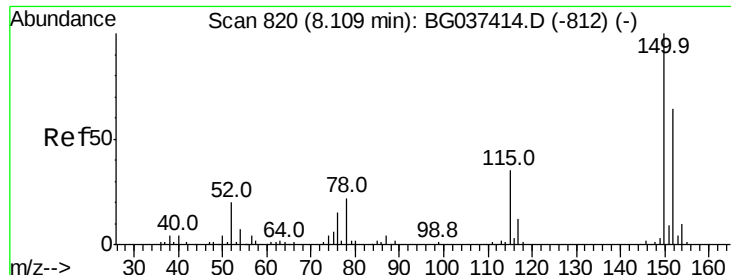
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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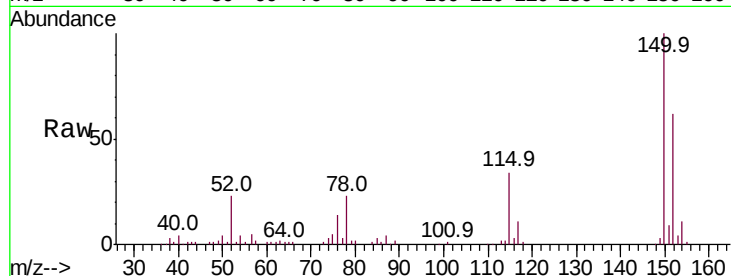


#1

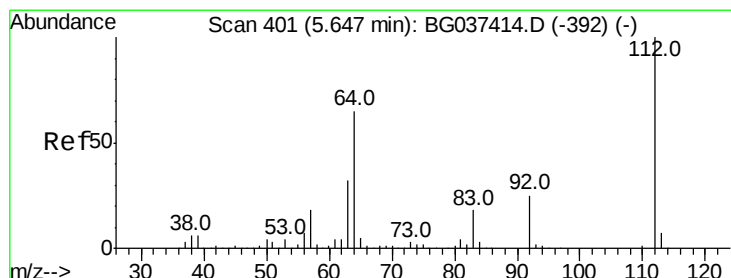
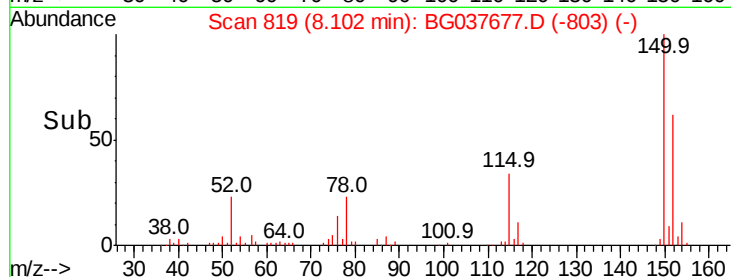
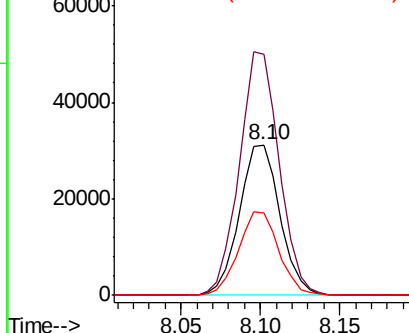
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037677.D
Acq: 31 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :
102618-SIDI-F-U-M

Tot Ion:152 Resp: 55261
Ion Ratio Lower Upper
152 100
150 160.7 126.0 189.0
115 54.9 45.5 68.3



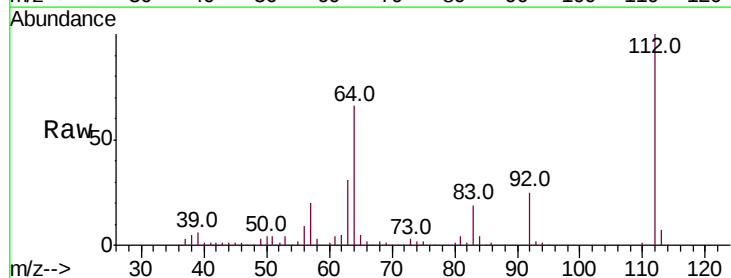
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



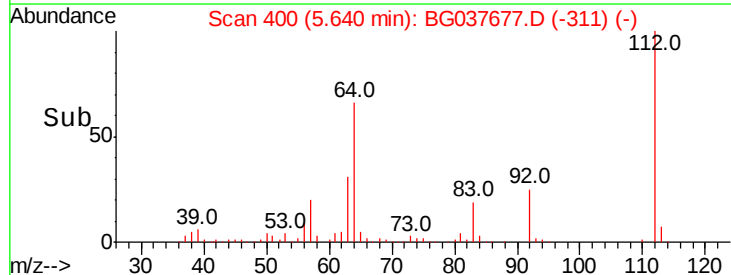
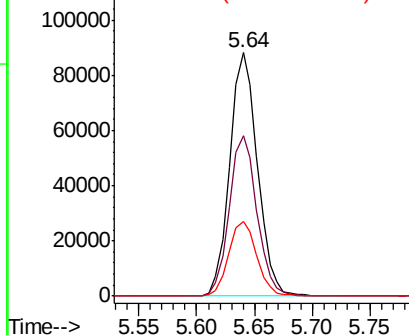
#5

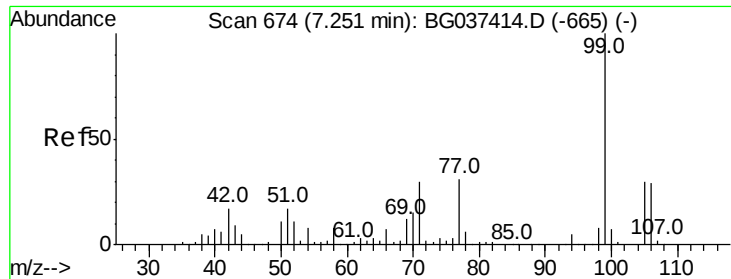
2-Fluorophenol
Concen: 44.436 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037677.D
Acq: 31 Oct 2018 7:01

Tgt Ion:112 Resp: 146877
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 30.9 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: 27.311 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037677.D

Acq: 31 Oct 2018 7:01

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-U-M

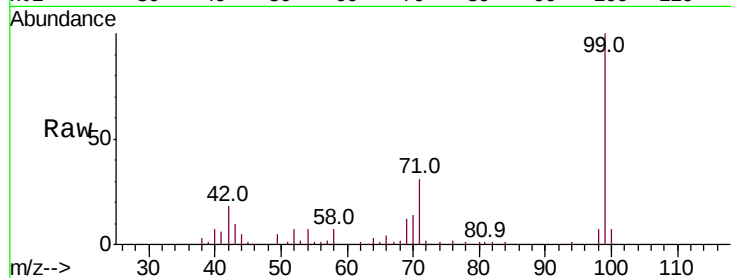
Tot Ion: 99 Resp: 136504

Ion Ratio Lower Upper

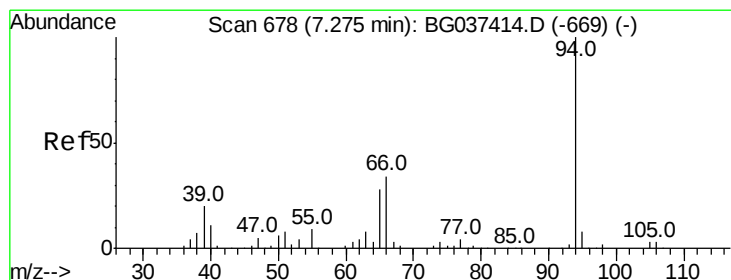
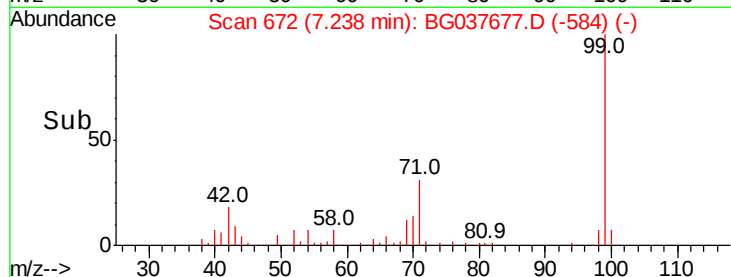
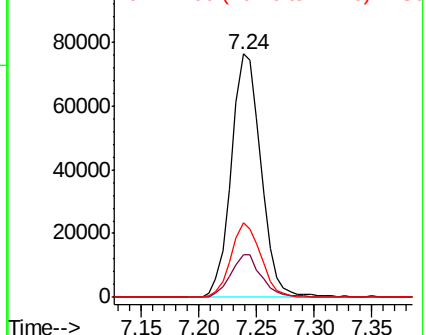
99 100

42 17.7 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



#10

Phenol

Concen: 4.890 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037677.D

Acq: 31 Oct 2018 7:01

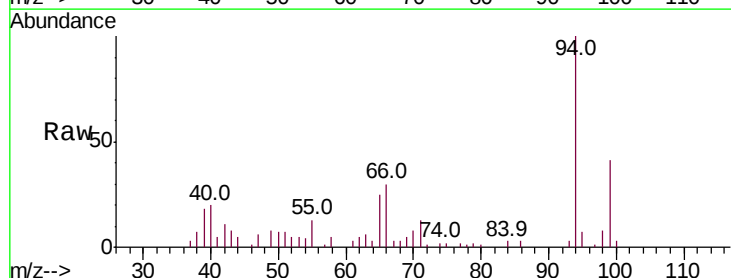
Tgt Ion: 94 Resp: 25786

Ion Ratio Lower Upper

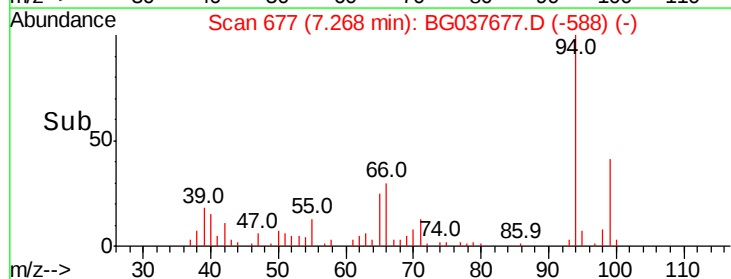
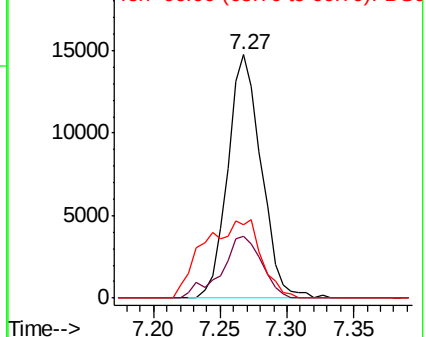
94 100

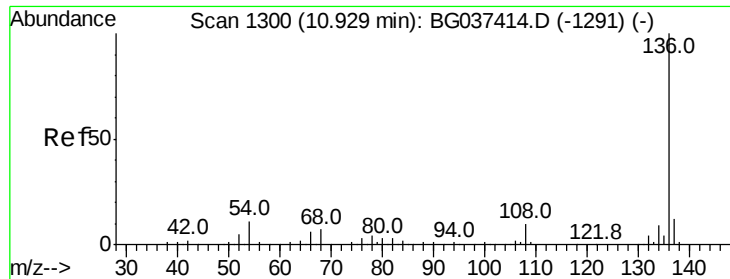
65 25.2 9.7 49.7

66 30.3 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

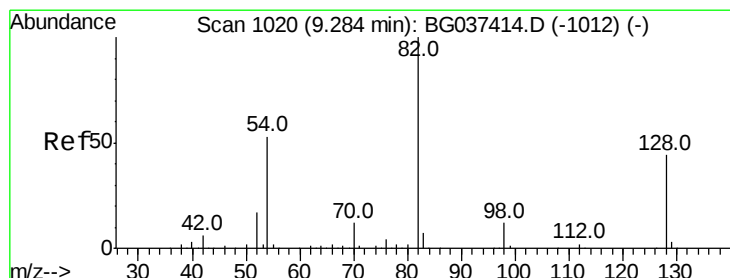
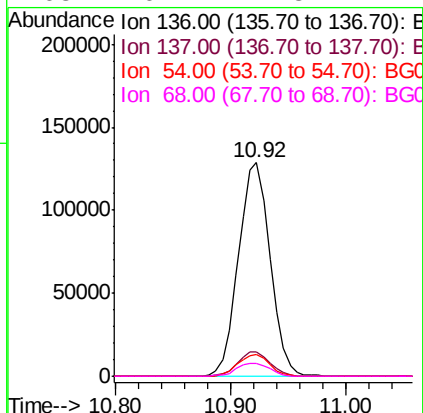
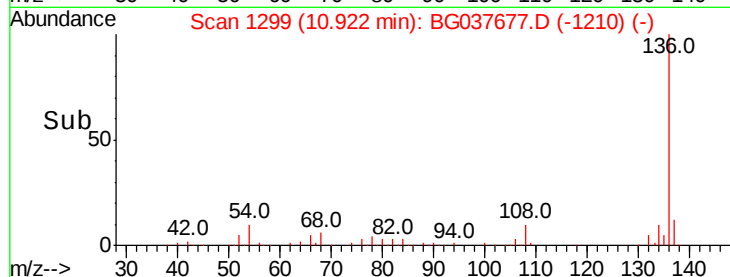
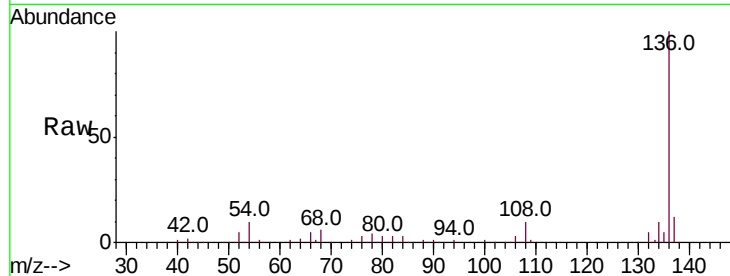




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037677.D
Acq: 31 Oct 2018 7:01

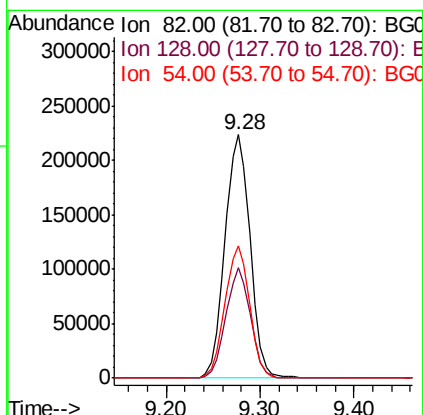
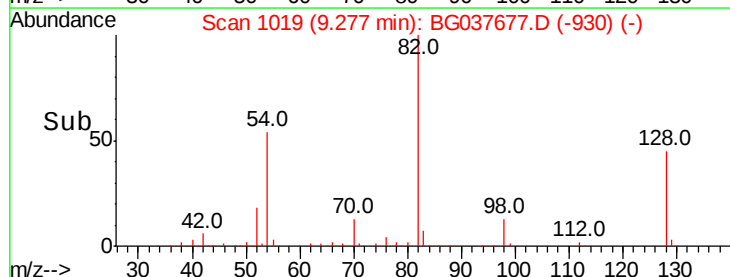
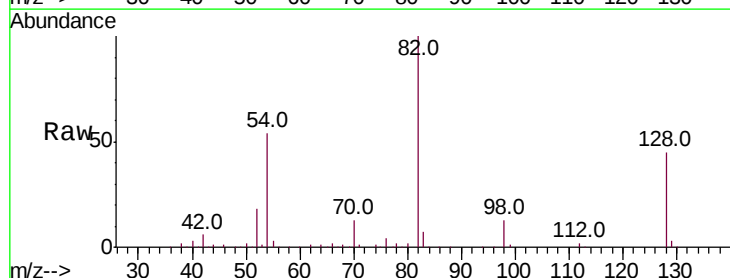
Instrument :
BNA_G
ClientSampleId :
102618-SIDI-F-U-M

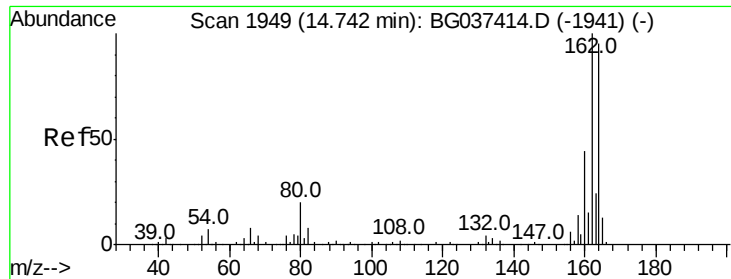
Tot Ion:	136	Resp:	244313
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.0	7.9	11.9
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 95.328 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037677.D
Acq: 31 Oct 2018 7:01

Tgt Ion:	82	Resp:	415748
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	54.2	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: BG037677.D

Acq: 31 Oct 2018 7:01

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-U-M

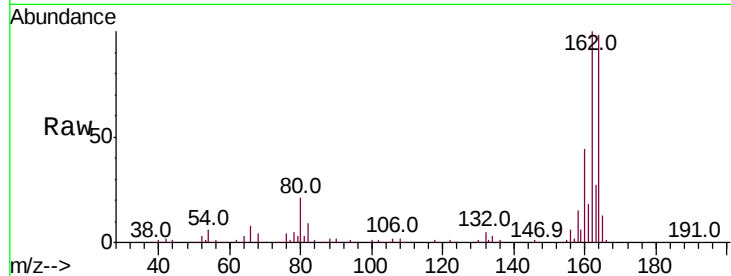
Tot Ion:164 Resp: 168131

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 45.2 36.3 54.5

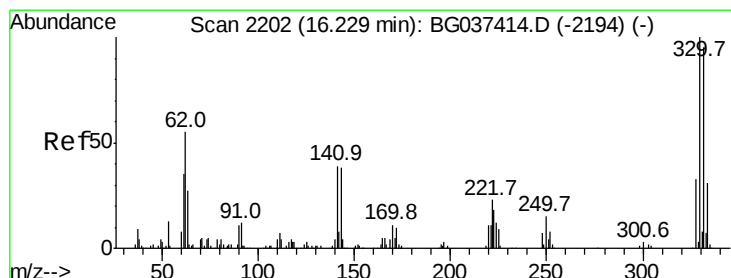
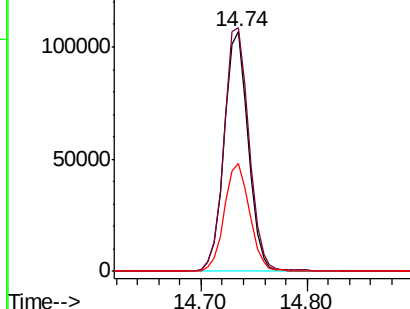
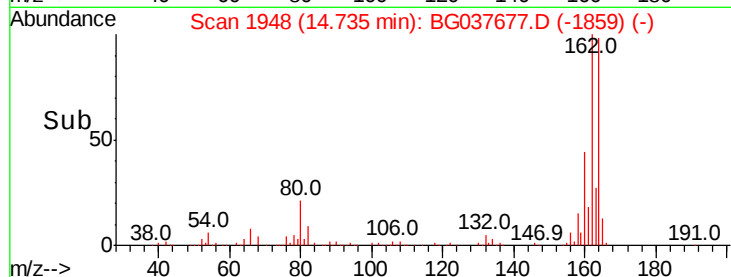


Abundance

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: 88.695 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037677.D

Acq: 31 Oct 2018 7:01

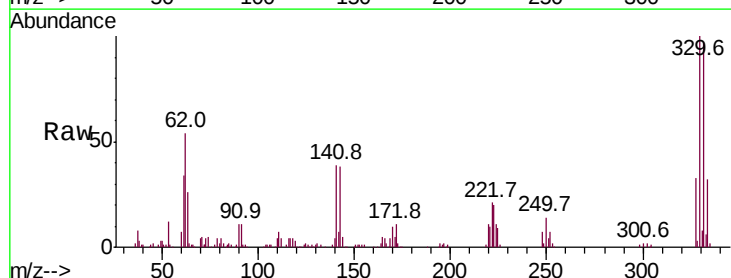
Tgt Ion:330 Resp: 162647

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

141 39.1 32.2 48.2

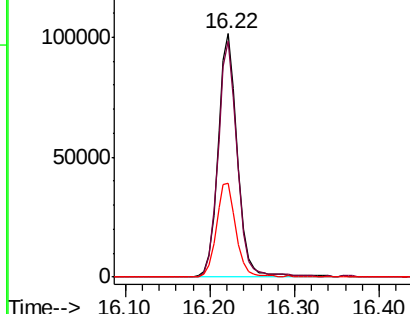
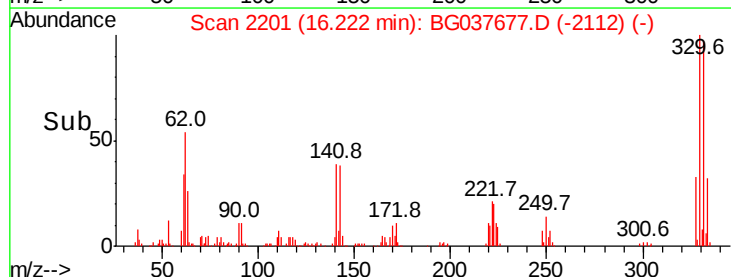


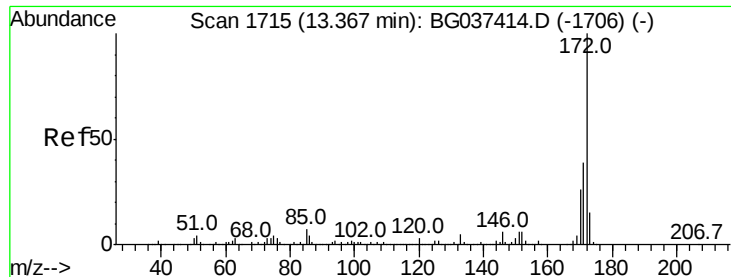
Abundance

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

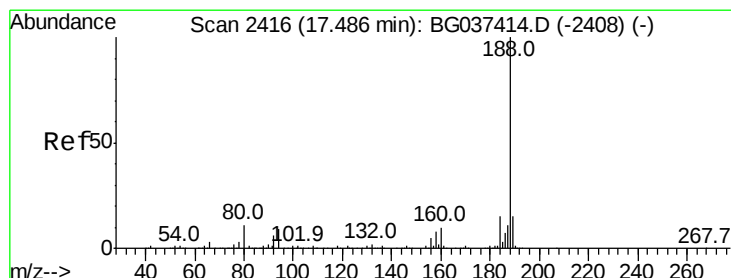
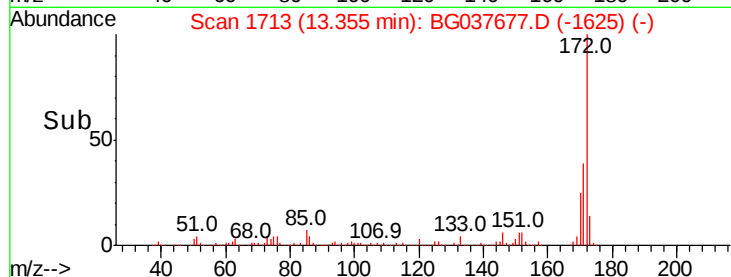
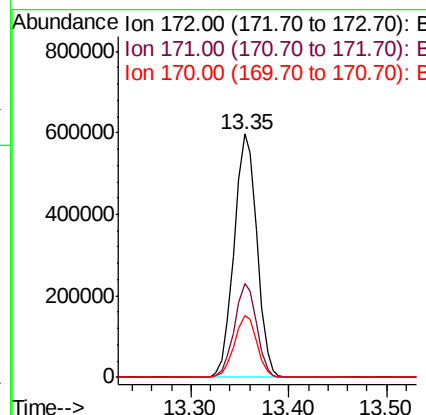
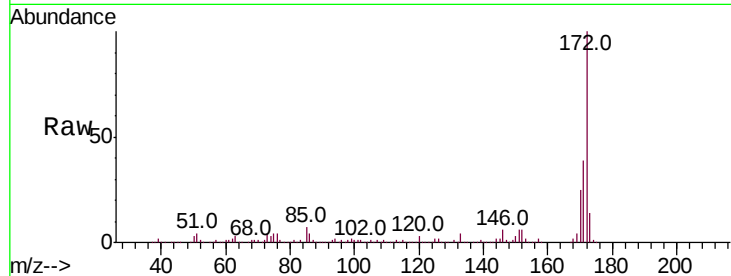




#45
 2-Fluorobiphenyl
 Concen: 87.138 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037677.D
 Acq: 31 Oct 2018 7:01

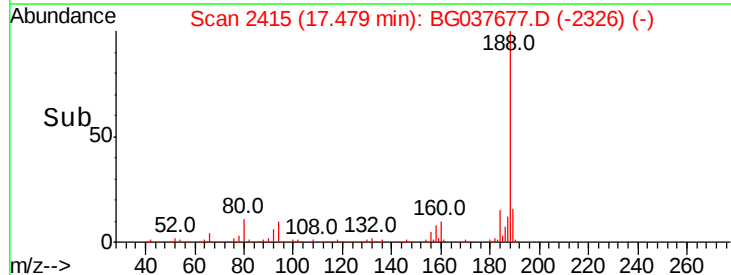
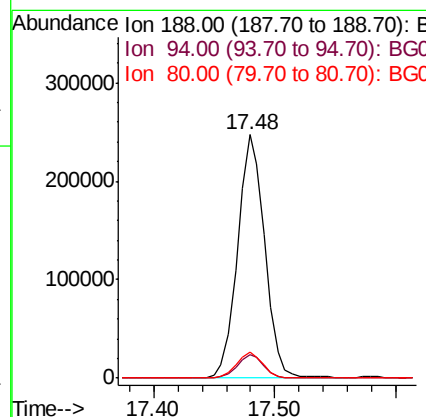
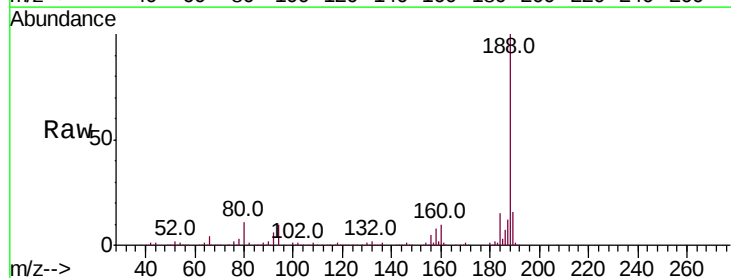
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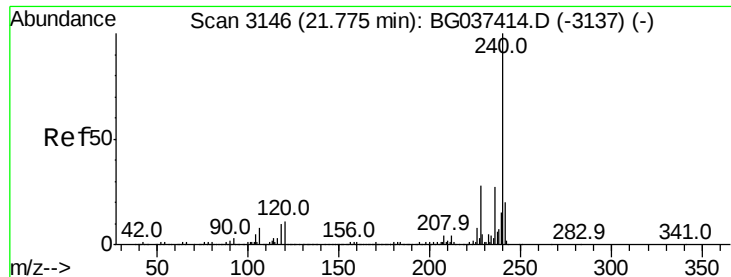
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.4
170	25.5	20.2	30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037677.D
 Acq: 31 Oct 2018 7:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.5	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037677.D

Acq: 31 Oct 2018 7:01

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-U-M

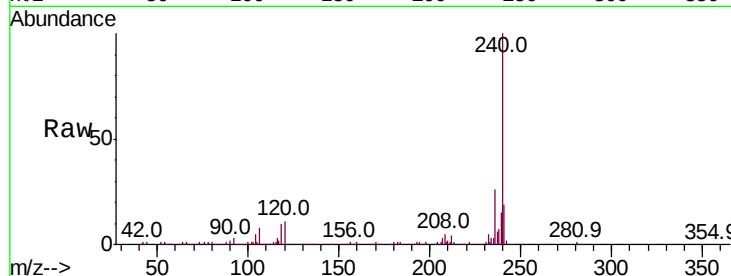
Tot Ion:240 Resp: 351484

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

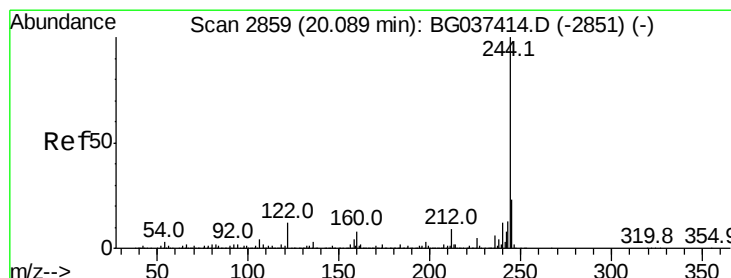
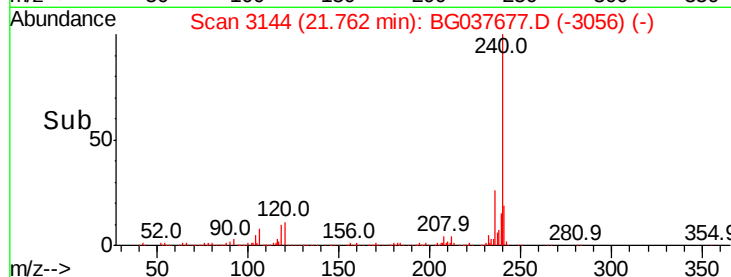
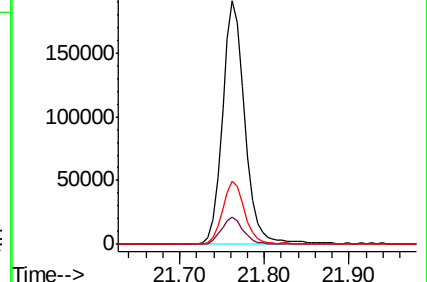
236 26.0 21.4 32.0



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: 87.909 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037677.D

Acq: 31 Oct 2018 7:01

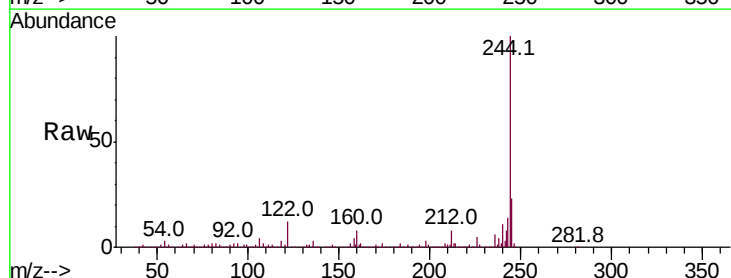
Tgt Ion:244 Resp: 1446038

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

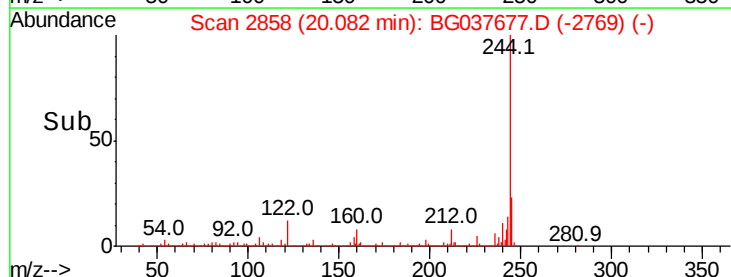
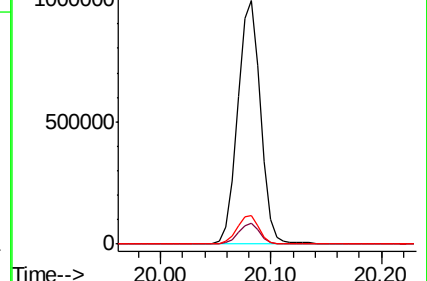
122 11.6 9.0 13.4

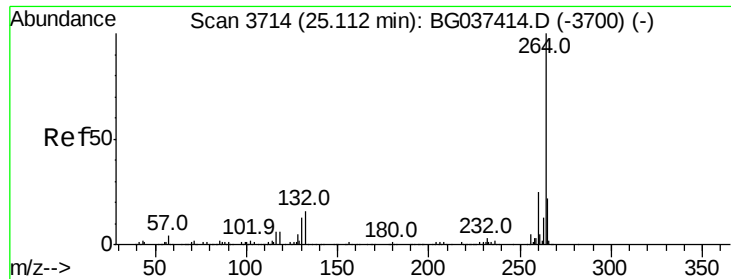


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037677.D
 Acq: 31 Oct 2018 7:01

Instrument :
 BNA_G
 ClientSampleId :
 102618-SIDI-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.2	27.4
265	22.5	17.9	26.9

