

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037678.D
 Acq On : 31 Oct 2018 7:40
 Operator : JU/SJ
 Sample : J5722-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Oct 31 09:30:50 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

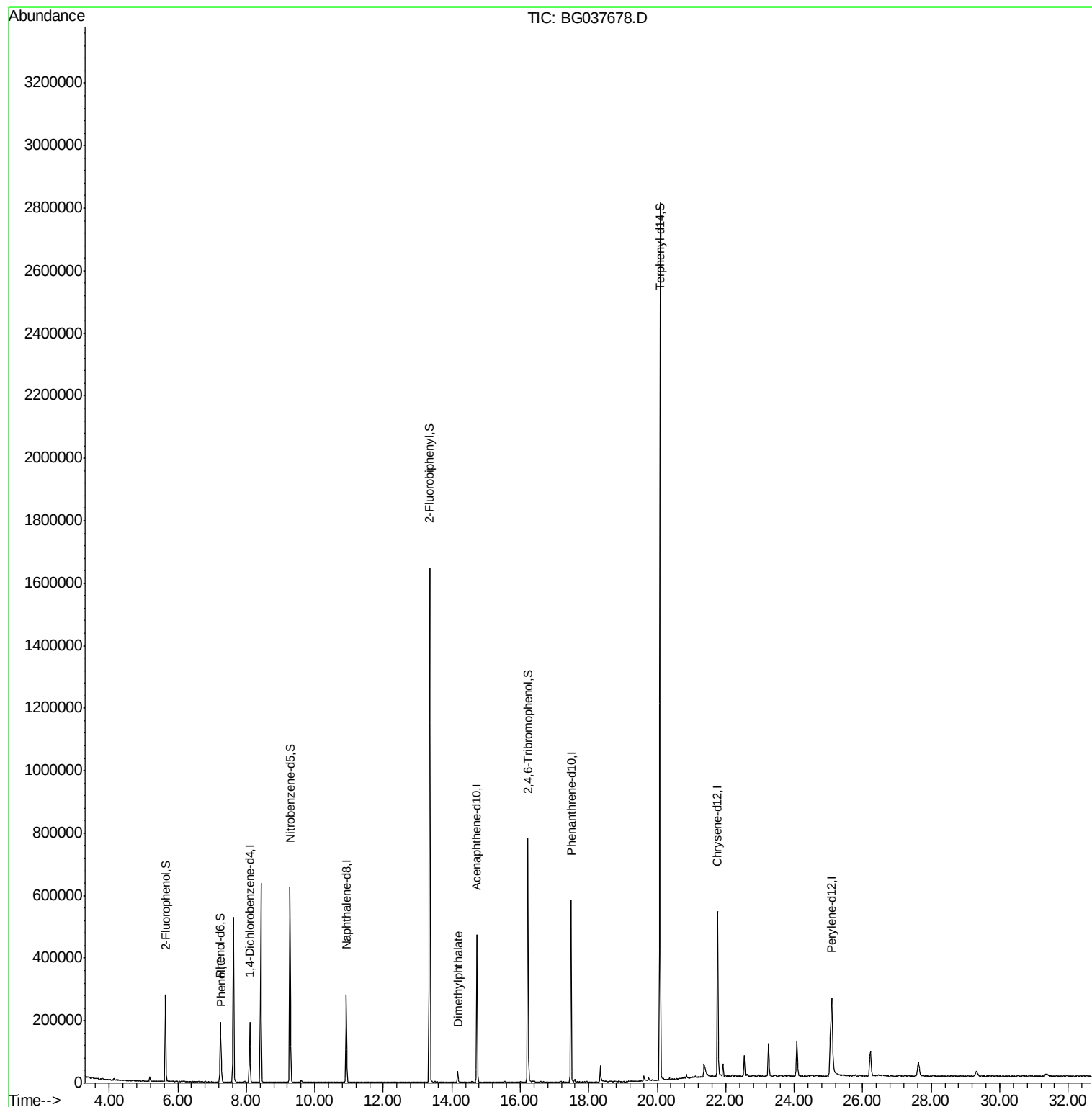
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58465	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	252468	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	168675	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	383203	20.00	ng	0.00
76) Chrysene-d12	21.76	240	343558	20.00	ng	-0.02
87) Perylene-d12	25.10	264	327934	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	135124	38.64	ng	0.00
7) Phenol-d6	7.24	99	120647	22.82	ng	0.00
23) Nitrobenzene-d5	9.27	82	396307	87.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	143944	78.24	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	913548	81.67	ng	-0.02
79) Terphenyl-d14	20.08	244	1366160	84.97	ng	0.00
Target Compounds						
10) Phenol	7.27	94	50121	8.983	ng	93
50) Dimethylphthalate	14.18	163	28049	2.150	ng	# 96

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

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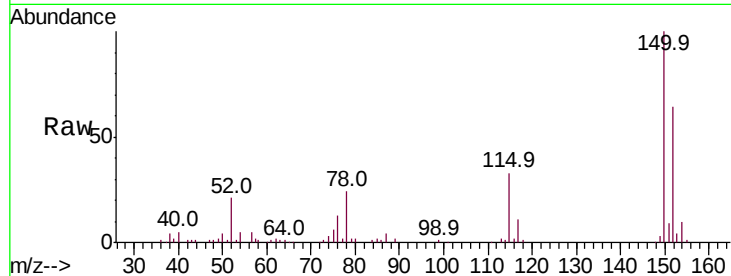


#1

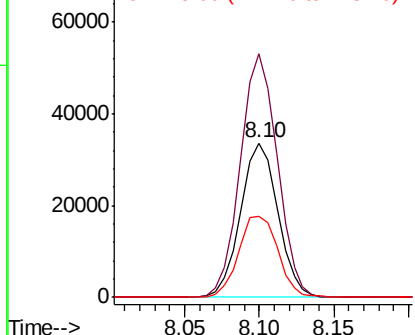
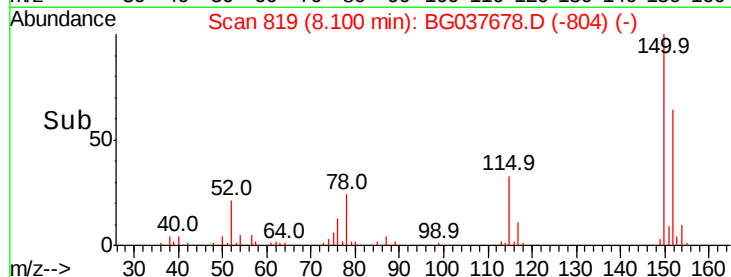
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037678.D
Acq: 31 Oct 2018 7:40

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

Tot Ion:152 Resp: 58465
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 52.6 45.5 68.3



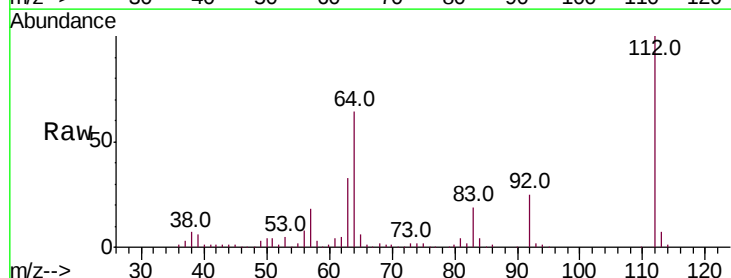
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



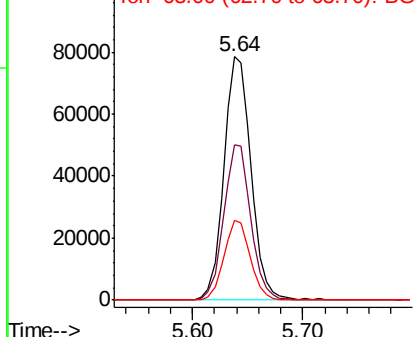
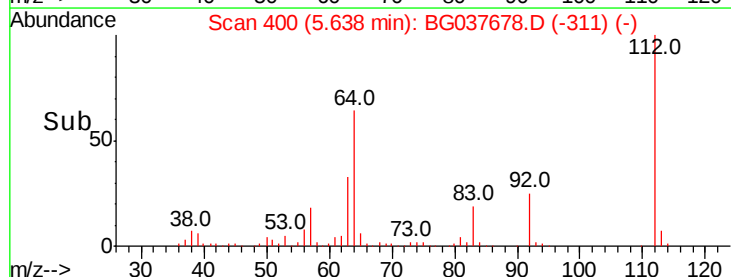
#5

2-Fluorophenol
Concen: 38.640 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037678.D
Acq: 31 Oct 2018 7:40

Tgt Ion:112 Resp: 135124
Ion Ratio Lower Upper
112 100
64 64.0 53.1 79.7
63 32.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 22.816 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037678.D

Acq: 31 Oct 2018 7:40

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-U-S

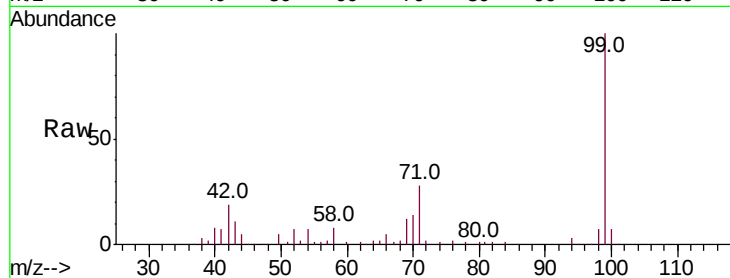
Tot Ion: 99 Resp: 120647

Ion Ratio Lower Upper

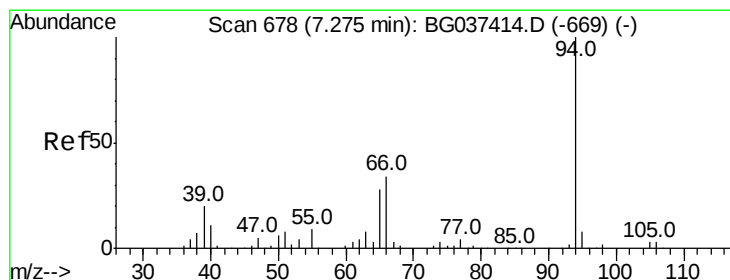
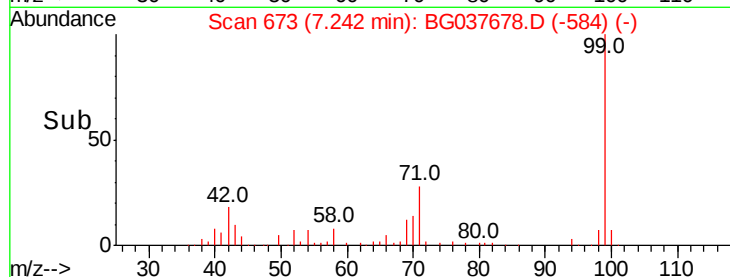
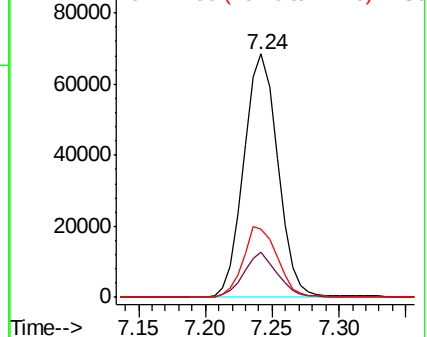
99 100

42 18.6 15.0 22.4

71 28.1 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: 8.983 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037678.D

Acq: 31 Oct 2018 7:40

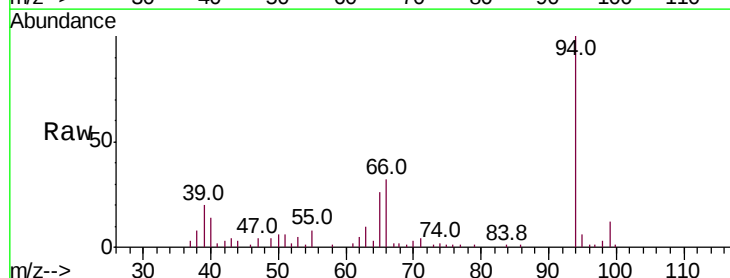
Tgt Ion: 94 Resp: 50121

Ion Ratio Lower Upper

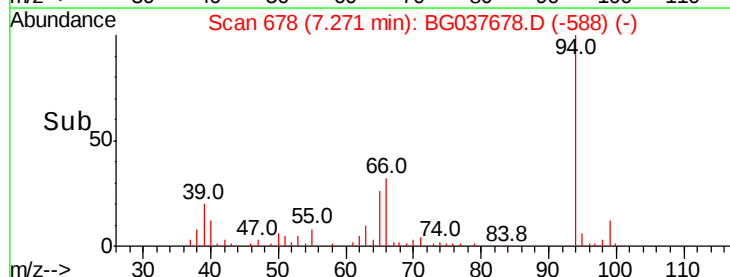
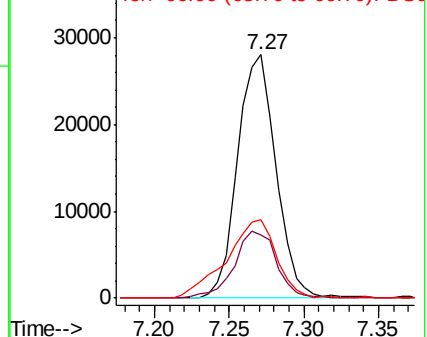
94 100

65 25.8 9.7 49.7

66 32.0 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

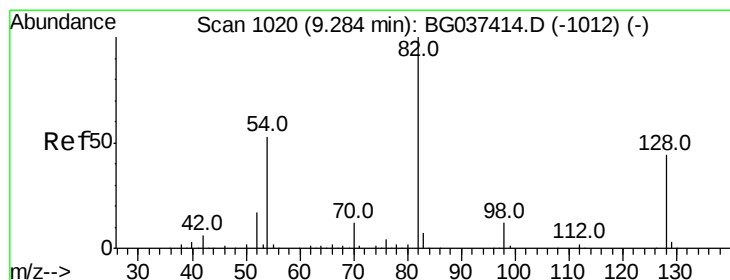
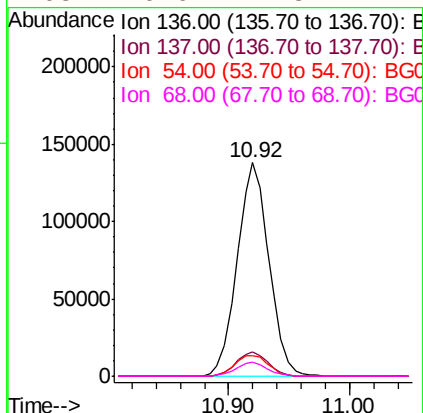
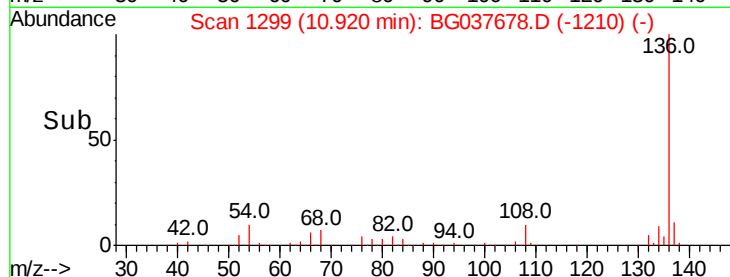
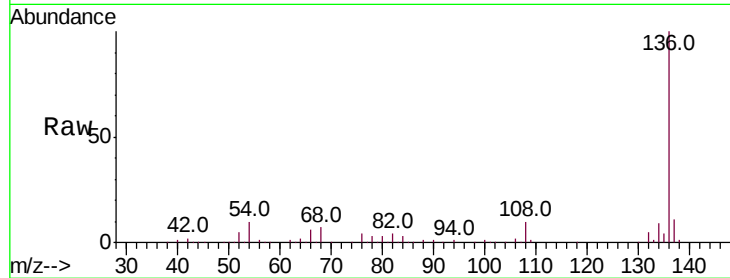




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037678.D
Acq: 31 Oct 2018 7:40

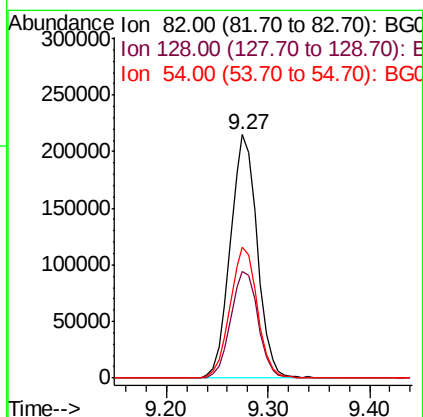
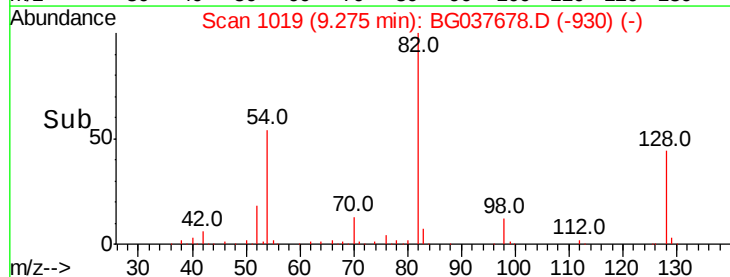
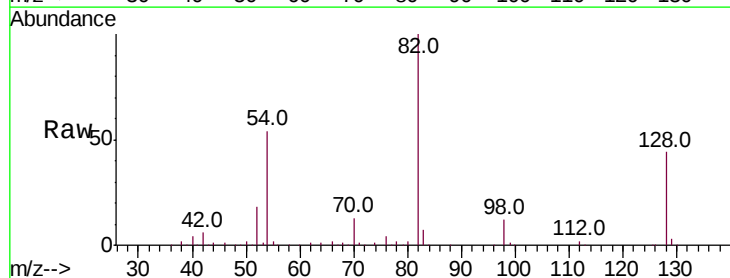
Instrument :
BNA_G
ClientSampleId :
102618-SIDI-F-U-S

Tot Ion:	136	Resp:	252468
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.8	7.9	11.9
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.935 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037678.D
Acq: 31 Oct 2018 7:40

Tgt Ion:	82	Resp:	396307
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	53.7	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037678.D

Acq: 31 Oct 2018 7:40

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-U-S

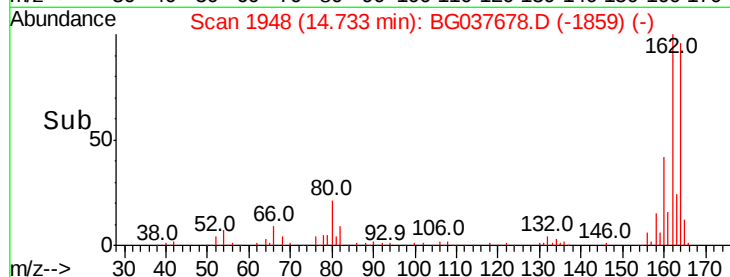
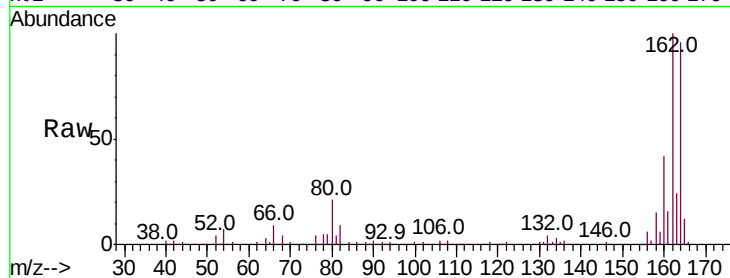
Tot Ion:164 Resp: 168675

Ion Ratio Lower Upper

164 100

162 104.3 81.3 121.9

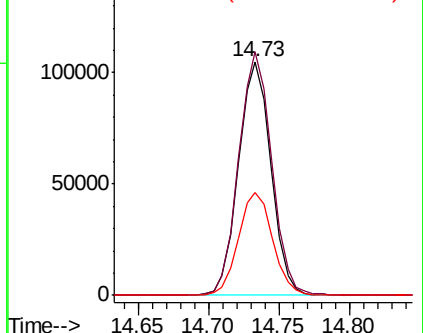
160 44.2 36.3 54.5



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: 78.242 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037678.D

Acq: 31 Oct 2018 7:40

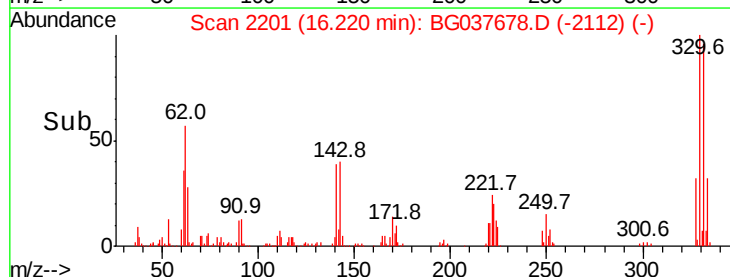
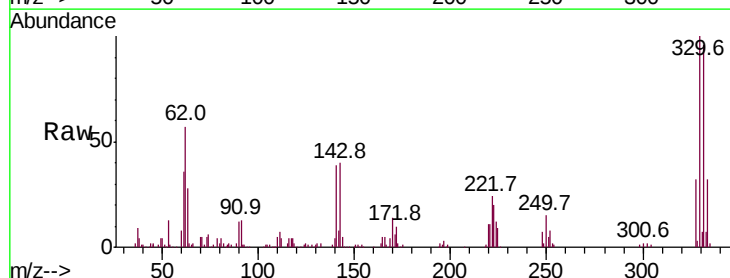
Tgt Ion:330 Resp: 143944

Ion Ratio Lower Upper

330 100

332 96.4 78.4 117.6

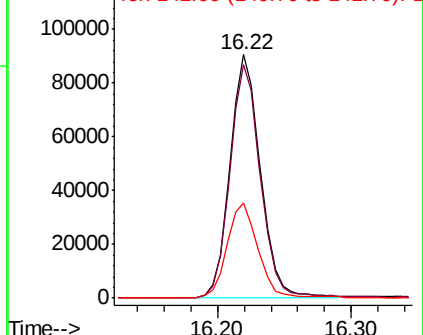
141 40.3 32.2 48.2



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

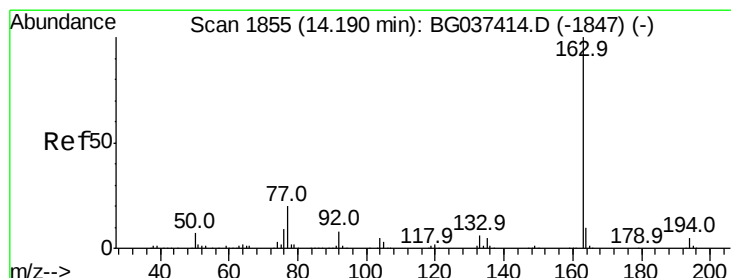
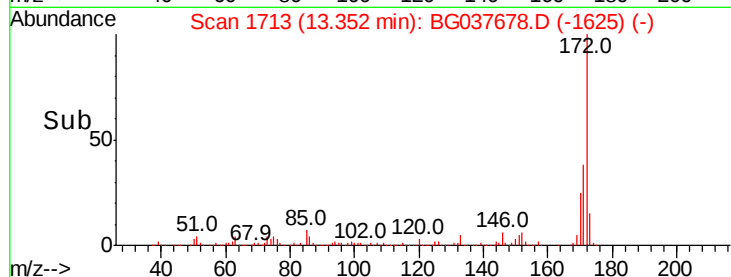
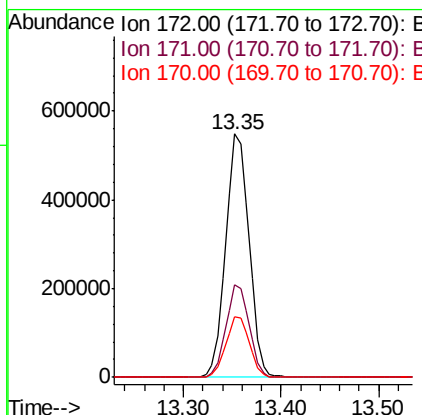
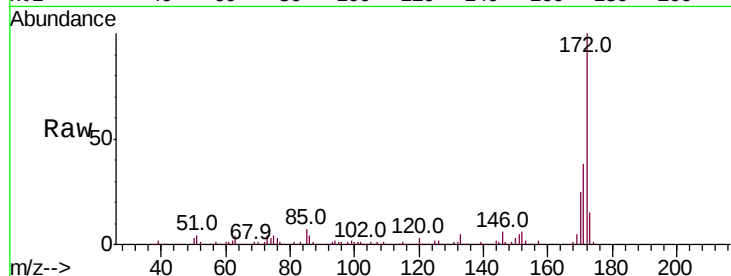




#45
2-Fluorobiphenyl
Concen: 81.671 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037678.D
Acq: 31 Oct 2018 7:40

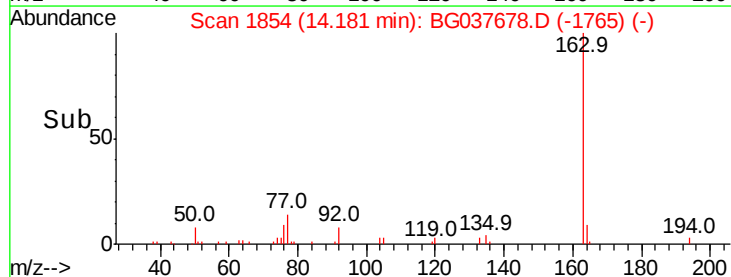
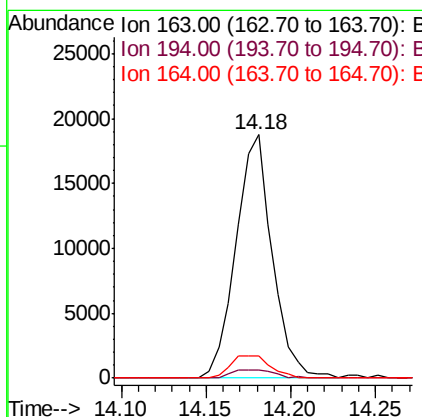
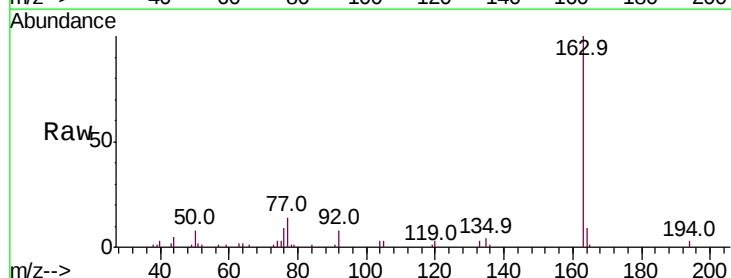
Instrument :
BNA_G
ClientSampleId :
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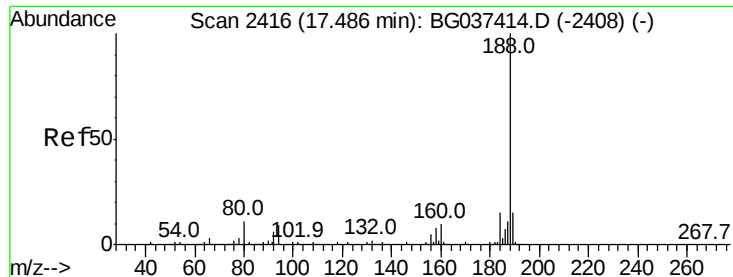
Tot Ion:172 Resp: 913548
Ion Ratio Lower Upper
172 100
171 37.9 31.0 46.4
170 24.9 20.2 30.2



#50
Dimethylphthalate
Concen: 2.150 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG037678.D
Acq: 31 Oct 2018 7:40

Tgt Ion:163 Resp: 28049
Ion Ratio Lower Upper
163 100
194 3.5 3.5 5.3#
164 9.1 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037678.D

Acq: 31 Oct 2018 7:40

Instrument :

BNA_G

ClientSampleId :

102618-SIDI-F-U-S

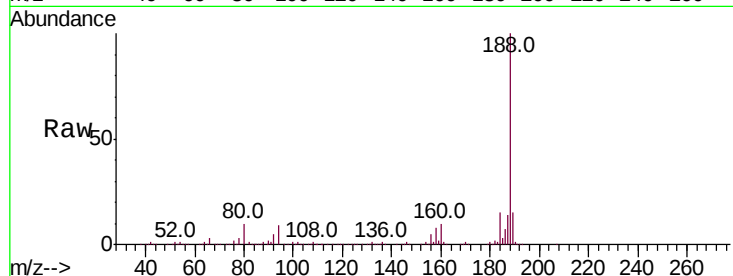
Tot Ion:188 Resp: 383203

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

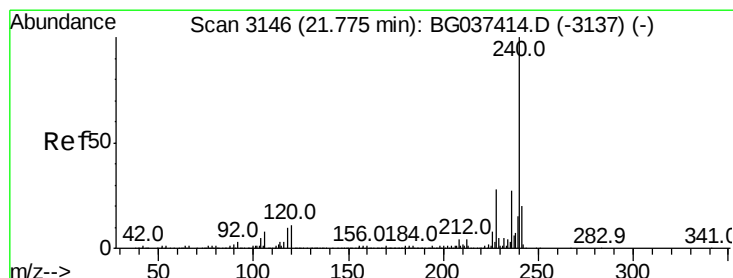
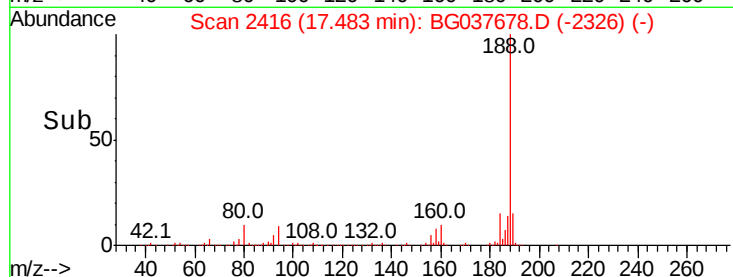
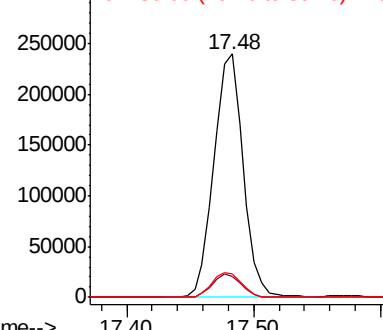
80 9.5 7.7 11.5



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. -0.02 min

Lab File: BG037678.D

Acq: 31 Oct 2018 7:40

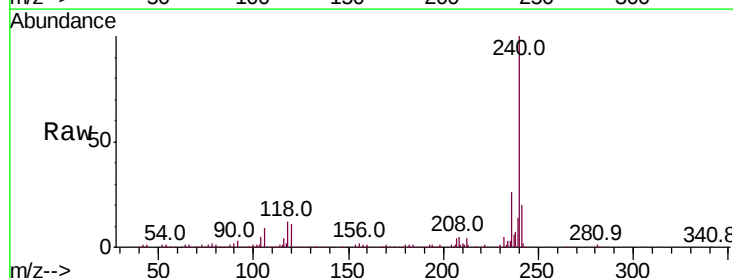
Tgt Ion:240 Resp: 343558

Ion Ratio Lower Upper

240 100

120 11.5 8.1 12.1

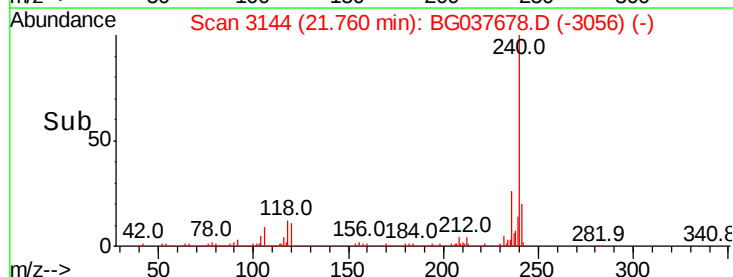
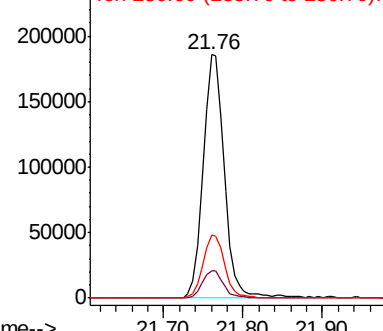
236 26.0 21.4 32.0

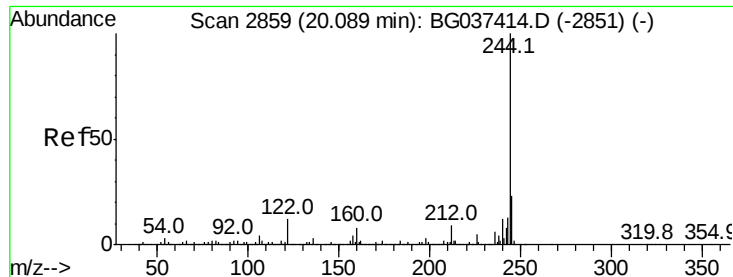


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.969 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037678.D

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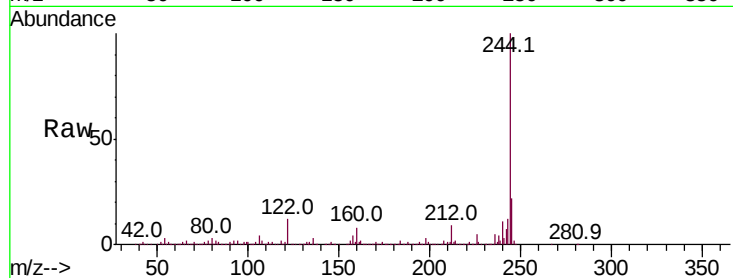
Tot Ion:244 Resp: 1366160

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.7	9.0	13.4

244 100

212 8.6 6.5 9.7

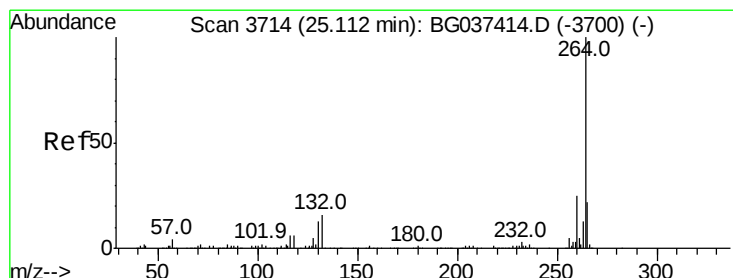
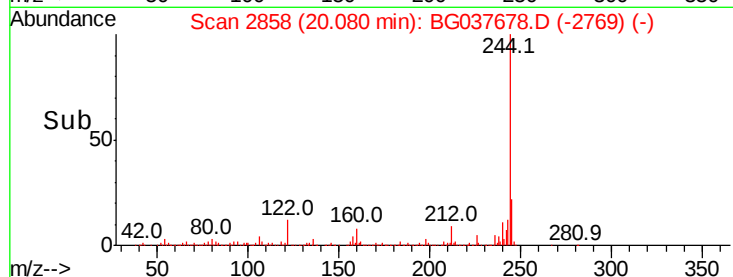
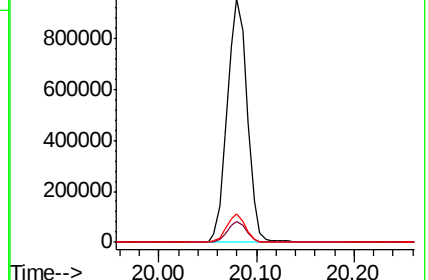
122 11.7 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037678.D

Acq: 31 Oct 2018 7:40

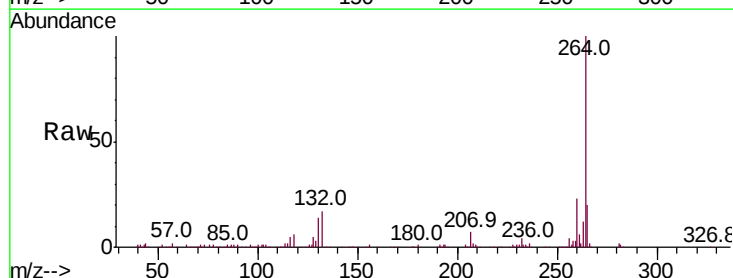
Tgt Ion:264 Resp: 327934

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.4	17.9	26.9

264 100

260 23.2 18.2 27.4

265 20.4 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

