

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037782.D
 Acq On : 3 Nov 2018 9:05
 Operator : JU/SJ
 Sample : J5767-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-D

Quant Time: Nov 05 04:40:06 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	56819	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	253088	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	167094	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	366551	20.00	ng	0.00
76) Chrysene-d12	21.77	240	333960	20.00	ng	0.00
87) Perylene-d12	25.10	264	277889	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	370365	108.98	ng	0.00
7) Phenol-d6	7.24	99	477833	92.98	ng	0.00
23) Nitrobenzene-d5	9.28	82	373773	82.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	178503	97.95	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	903504	81.54	ng	-0.01
79) Terphenyl-d14	20.08	244	1304003	83.43	ng	0.00

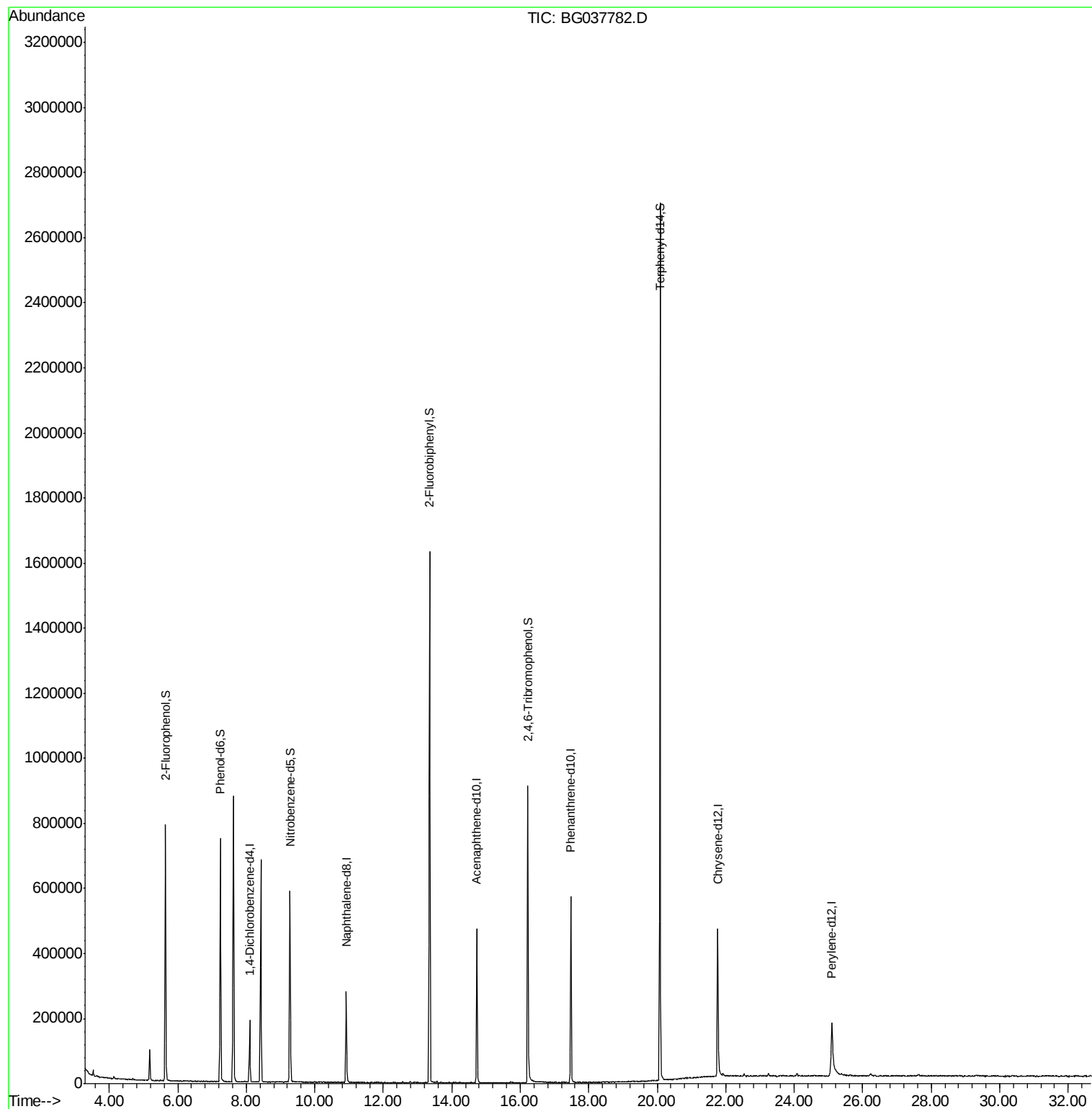
Target Compounds Qvalue

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

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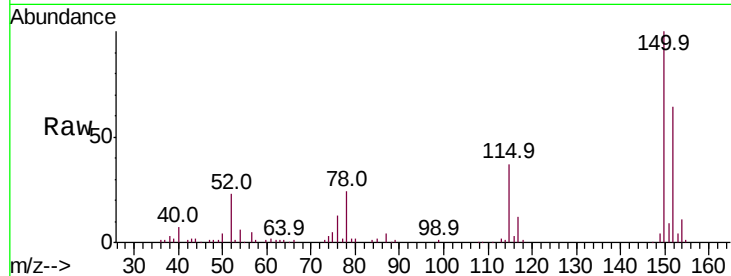


#1

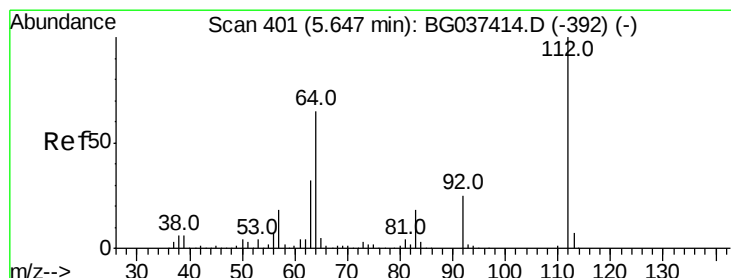
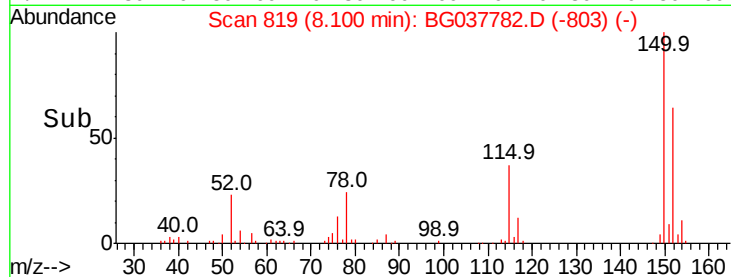
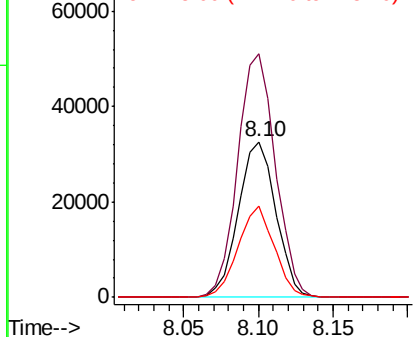
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

Instrument :
BNA_G
ClientSampleId :
CL-02-110118-D

Tot Ion:152 Resp: 56819
Ion Ratio Lower Upper
152 100
150 156.2 126.0 189.0
115 58.2 45.5 68.3



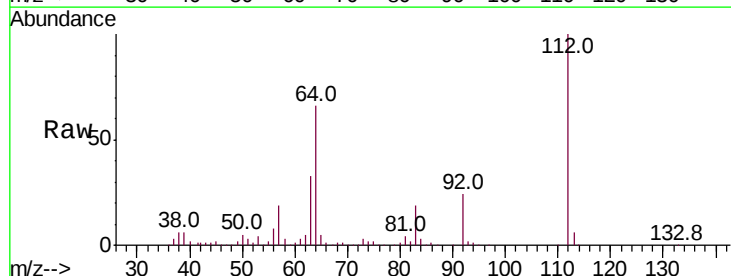
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



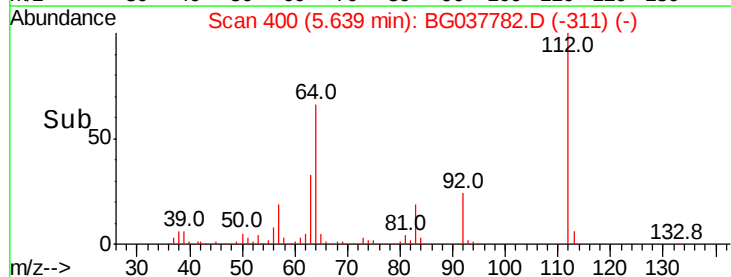
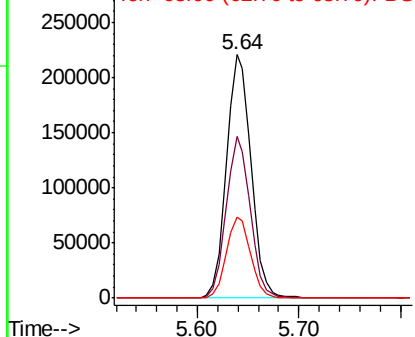
#5

2-Fluorophenol
Concen: 108.977 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

Tgt Ion:112 Resp: 370365
Ion Ratio Lower Upper
112 100
64 66.2 53.1 79.7
63 33.1 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: 92.981 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037782.D

Acq: 3 Nov 2018 9:05

Instrument :

BNA_G

ClientSampled :

CL-02-110118-D

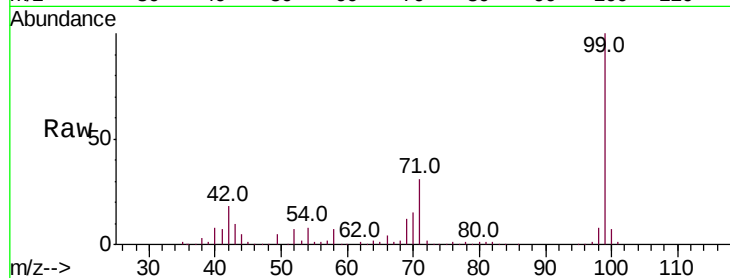
Tot Ion: 99 Resp: 477833

Ion Ratio Lower Upper

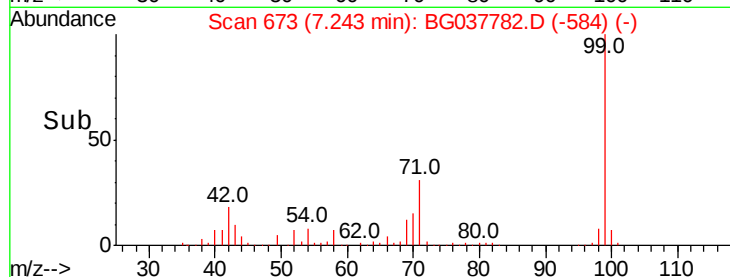
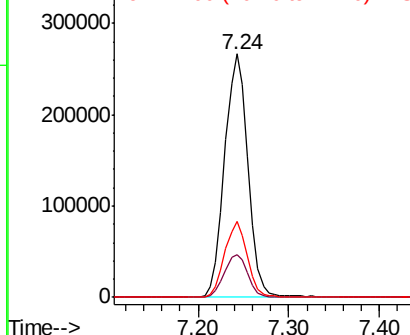
99 100

42 17.7 15.0 22.4

71 31.0 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037782.D

Acq: 3 Nov 2018 9:05

Tgt Ion: 136 Resp: 253088

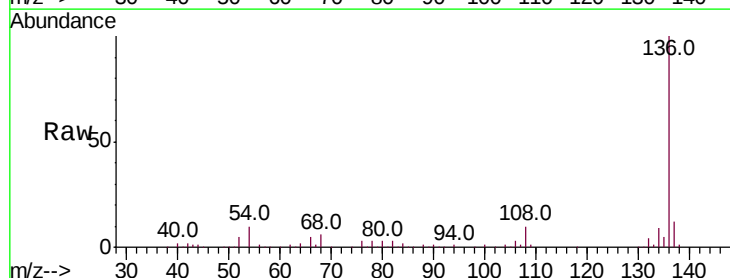
Ion Ratio Lower Upper

136 100

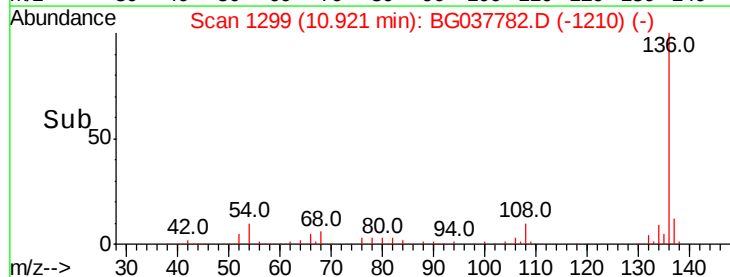
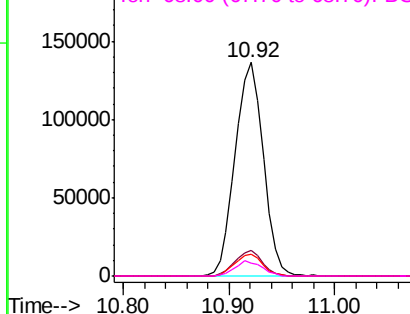
137 11.7 9.6 14.4

54 10.1 7.9 11.9

68 5.9 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

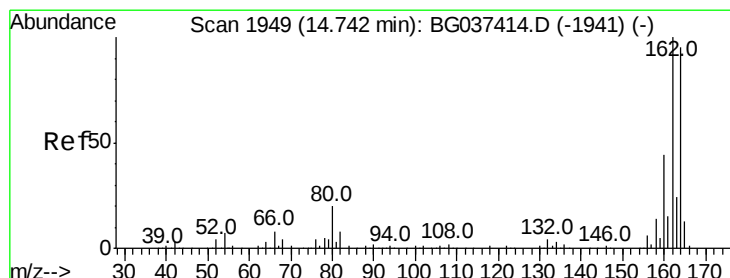
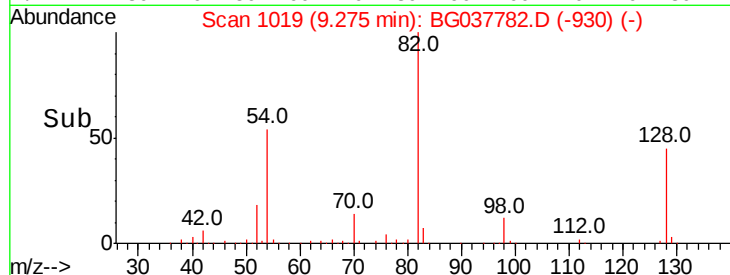
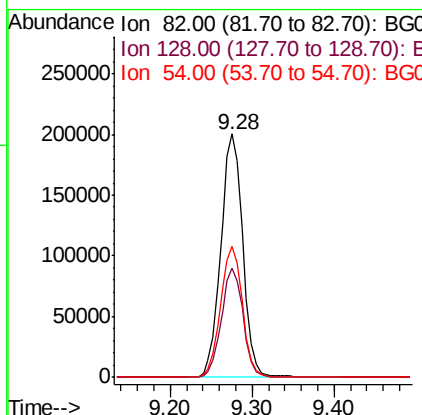
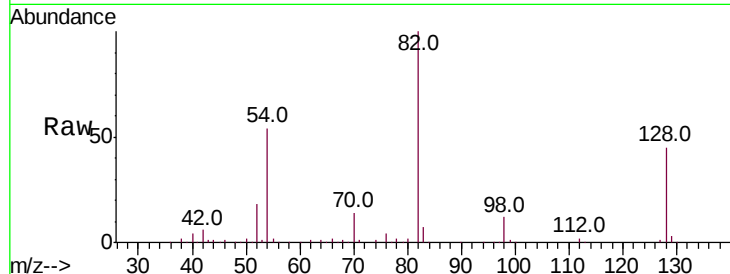




#23
Nitrobenzene-d5
Concen: 82.732 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

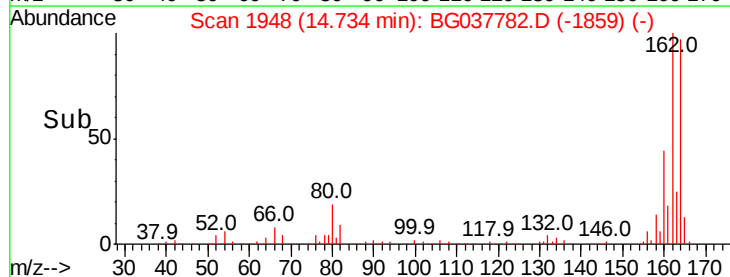
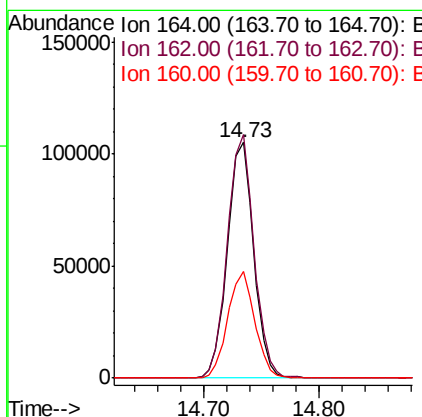
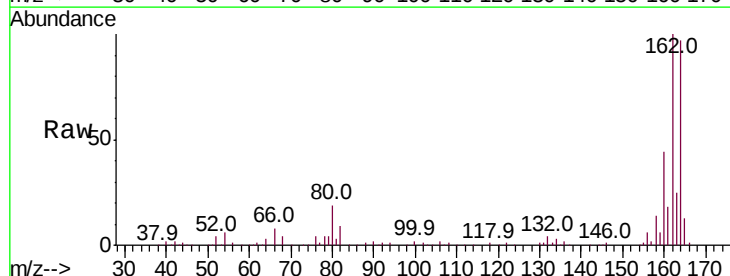
Instrument :
BNA_G
ClientSampleId :
CL-02-110118-D

Tot Ion	82	Resp	373773
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	53.6	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: BG037782.D
Acq: 3 Nov 2018 9:05

Tgt Ion	164	Resp	167094
Ion Ratio	100		
Lower	81.3		
Upper	121.9		
162	103.2	36.3	54.5
160	45.4		

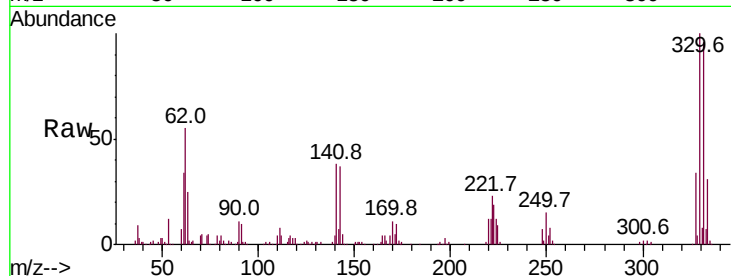




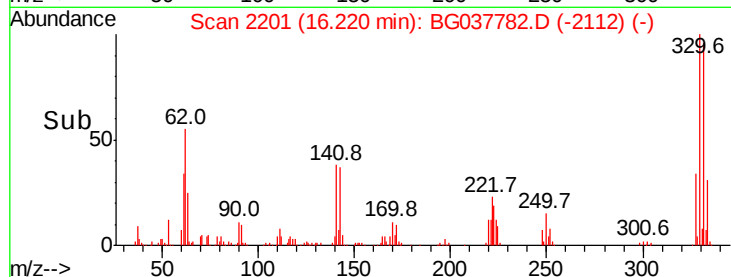
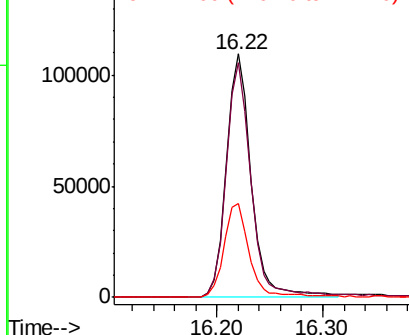
#42
 2,4,6-Tribromophenol
 Concen: 97.945 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037782.D
 Acq: 3 Nov 2018 9:05

Instrument :
 BNA_G
 ClientSampleID :
 CL-02-110118-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	39.6	32.2	48.2

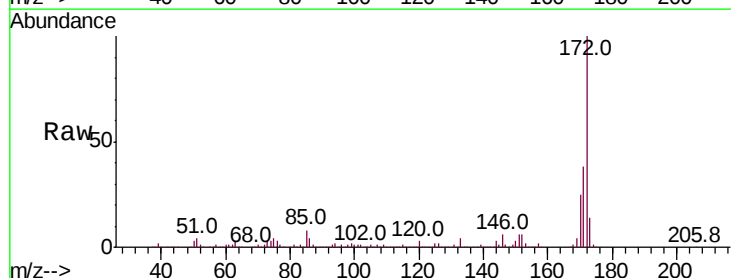


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

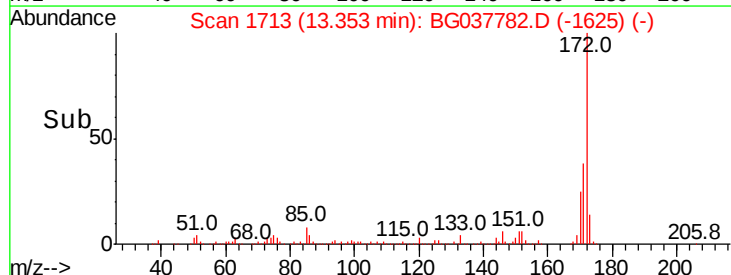
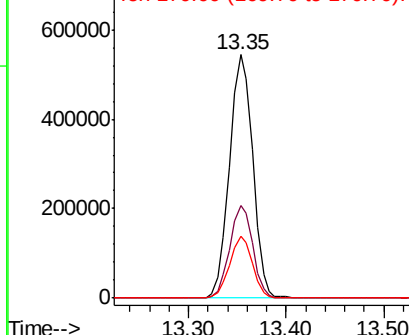


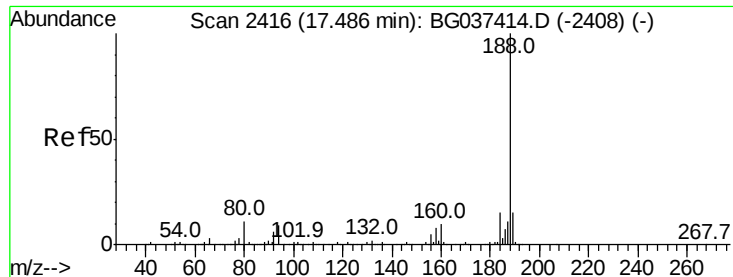
#45
 2-Fluorobiphenyl
 Concen: 81.537 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037782.D
 Acq: 3 Nov 2018 9:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	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

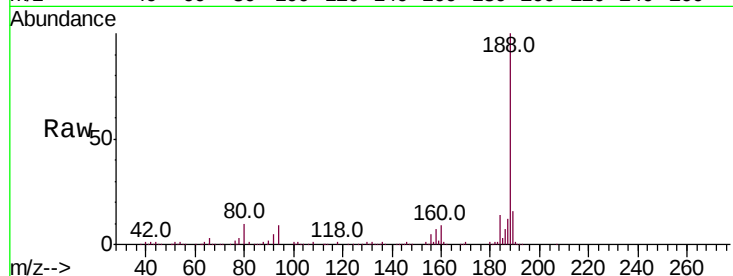




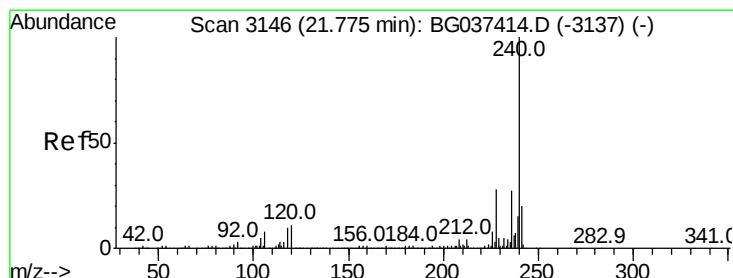
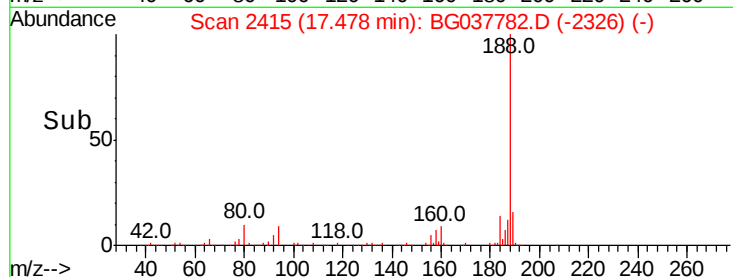
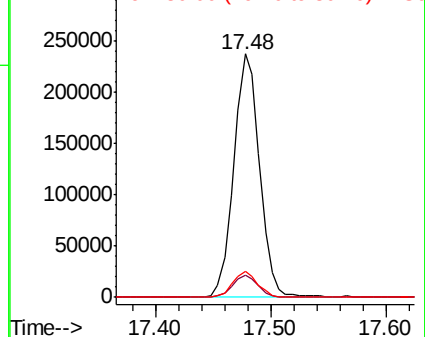
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

Instrument :
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ClientSampleId :
CL-02-110118-D

Tot Ion:188 Resp: 366551
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.5 7.7 11.5

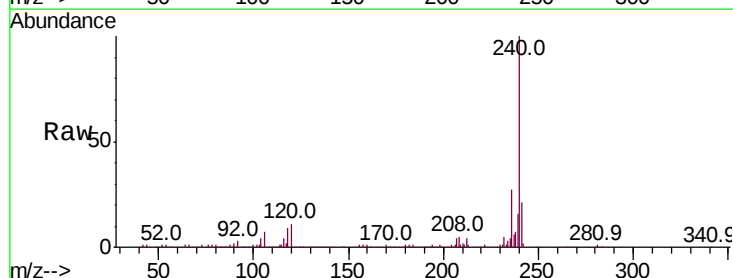


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

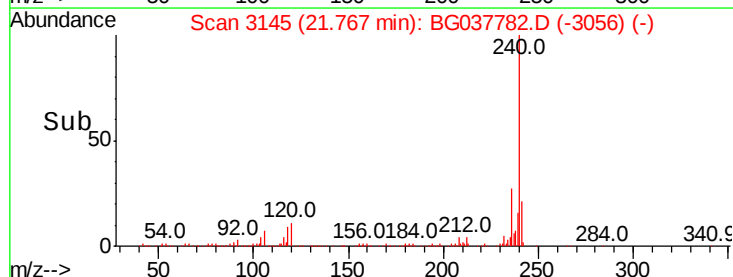
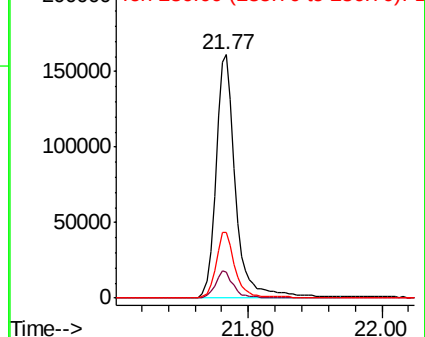


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037782.D
Acq: 3 Nov 2018 9:05

Tgt Ion:240 Resp: 333960
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.7 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: 83.434 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037782.D

Acq: 3 Nov 2018 9:05

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-D

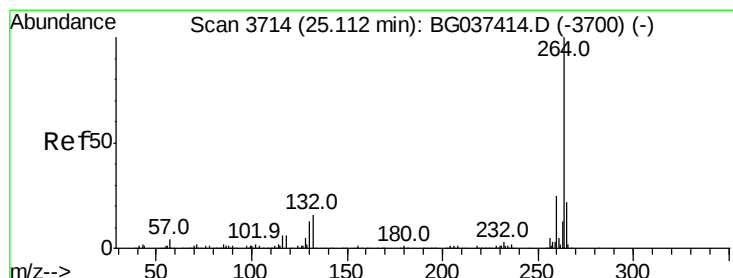
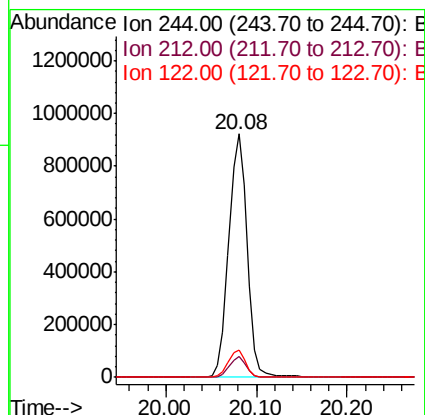
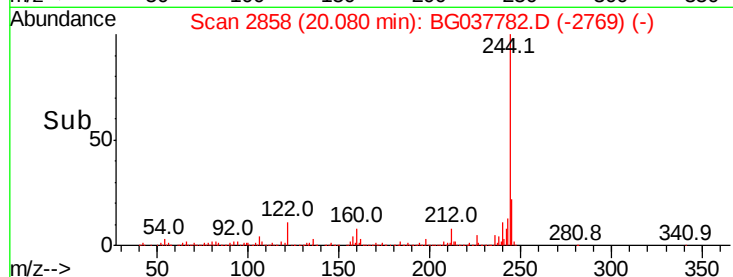
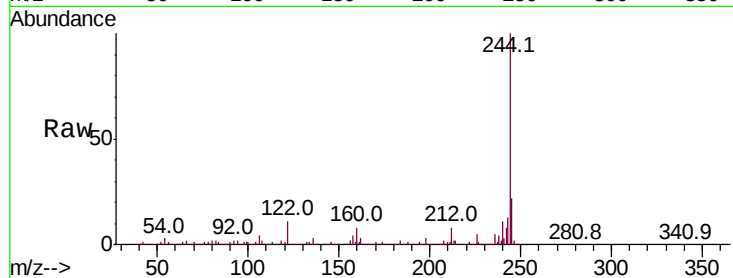
Tot Ion:244 Resp: 1304003

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 11.0 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037782.D

Acq: 3 Nov 2018 9:05

Tgt Ion:264 Resp: 277889

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 22.5 17.9 26.9

