

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037779.D
 Acq On : 3 Nov 2018 7:08
 Operator : JU/SJ
 Sample : J5767-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Nov 05 04:35:07 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	57764	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	258863	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	170877	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	384568	20.00	ng	0.00
76) Chrysene-d12	21.77	240	347511	20.00	ng	0.00
87) Perylene-d12	25.10	264	284854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	378850	109.65	ng	0.00
7) Phenol-d6	7.24	99	492692	94.30	ng	0.00
23) Nitrobenzene-d5	9.28	82	378007	81.80	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	198561	106.54	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	930532	82.12	ng	-0.01
79) Terphenyl-d14	20.08	244	1370308	84.26	ng	0.00

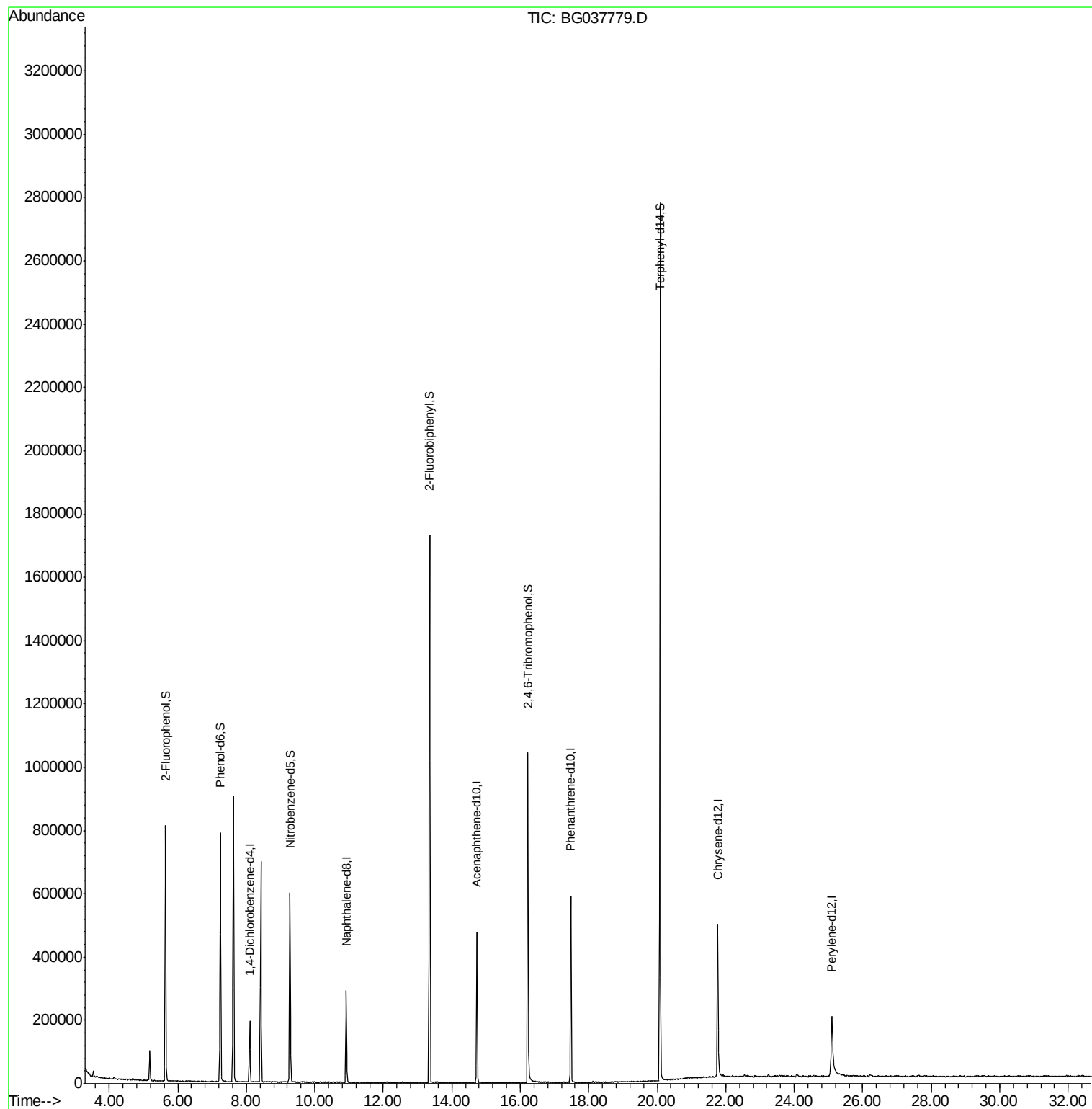
Target Compounds Qvalue

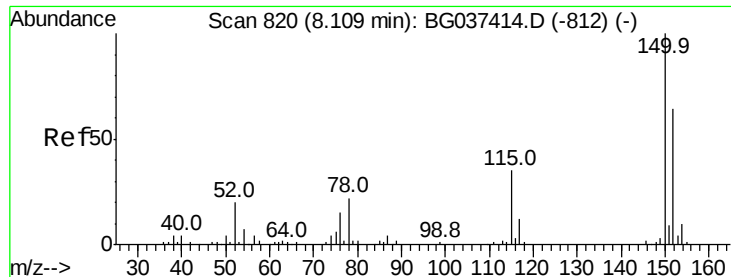
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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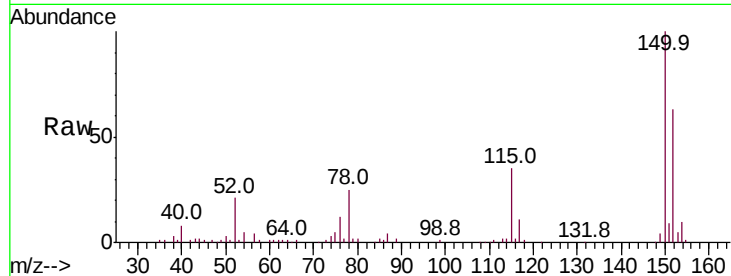


#1

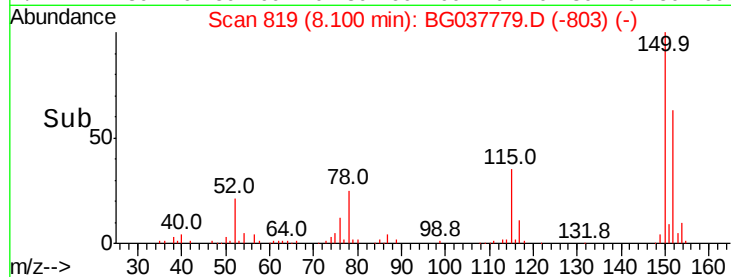
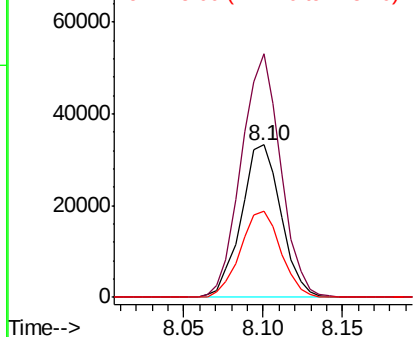
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

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

Tot Ion:152 Resp: 57764
Ion Ratio Lower Upper
152 100
150 159.9 126.0 189.0
115 56.4 45.5 68.3



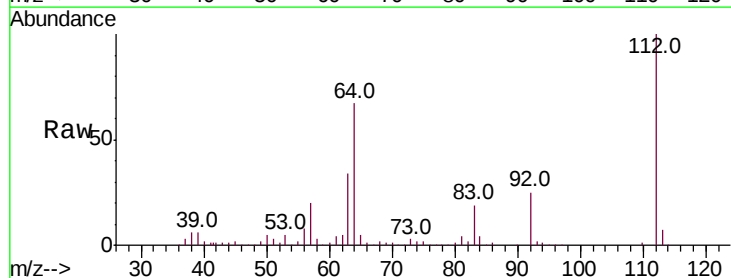
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



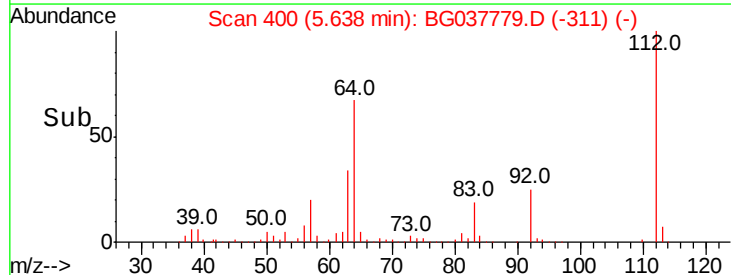
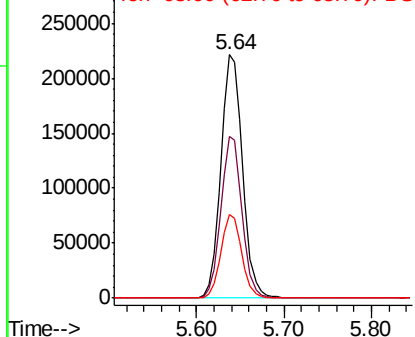
#5

2-Fluorophenol
Concen: 109.650 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037779.D
Acq: 3 Nov 2018 7:08

Tgt Ion:112 Resp: 378850
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 34.2 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: 94.304 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037779.D

Acq: 3 Nov 2018 7:08

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-A

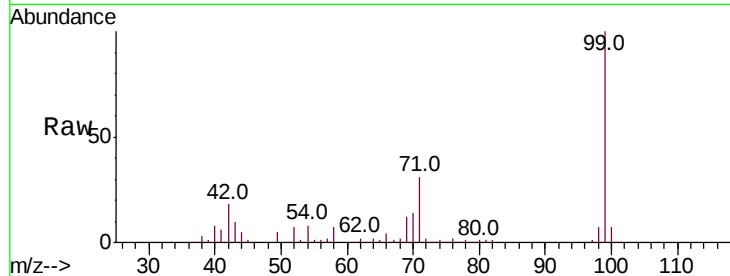
Tot Ion: 99 Resp: 492692

Ion Ratio Lower Upper

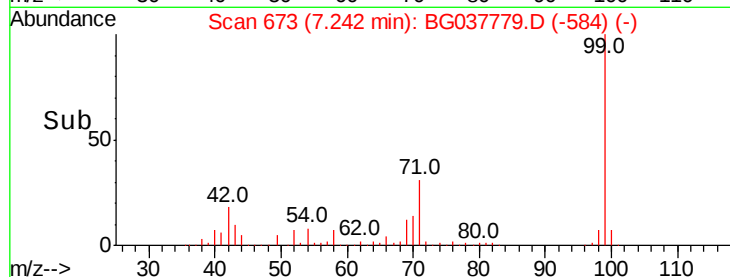
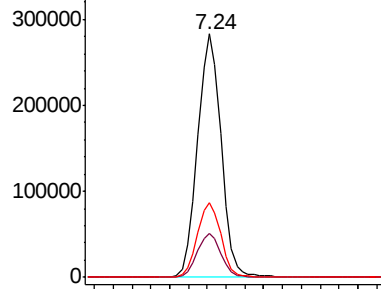
99 100

42 17.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037779.D

Acq: 3 Nov 2018 7:08

Tgt Ion: 136 Resp: 258863

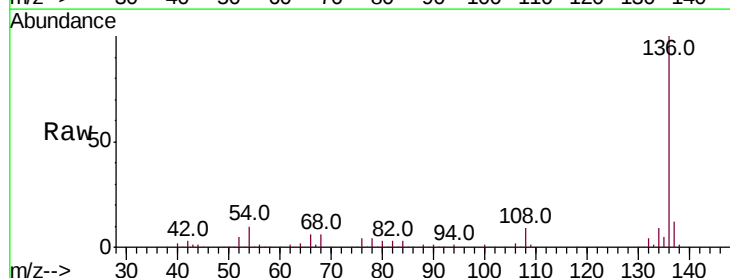
Ion Ratio Lower Upper

136 100

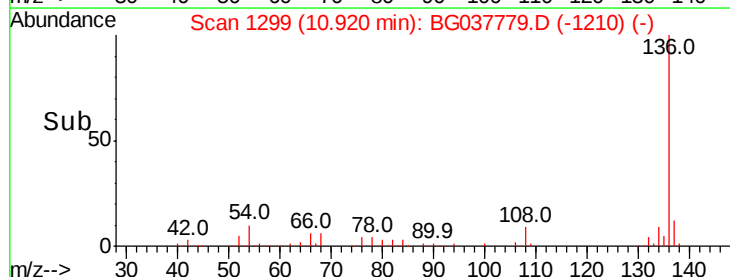
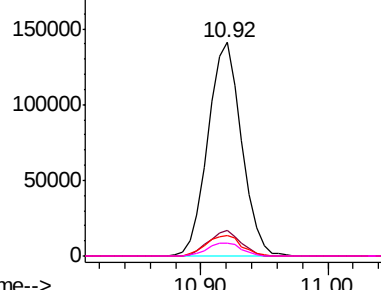
137 11.9 9.6 14.4

54 9.9 7.9 11.9

68 6.2 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

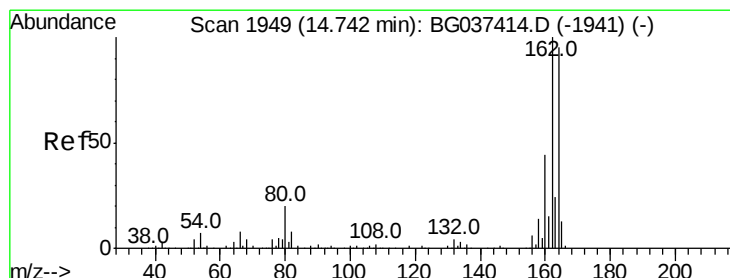
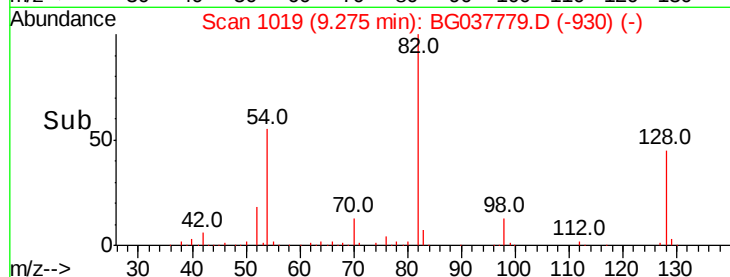
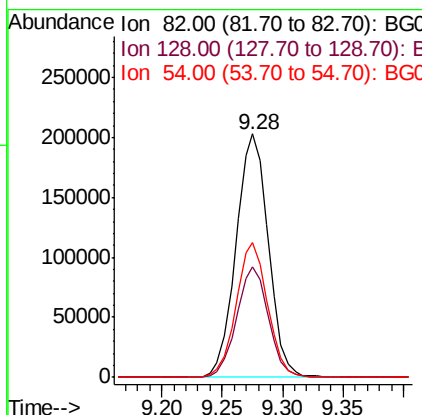
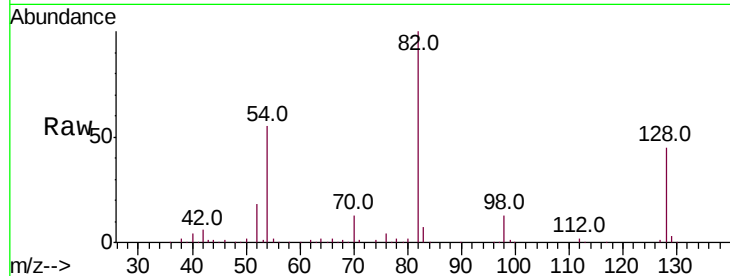




#23
 Nitrobenzene-d5
 Concen: 81.802 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037779.D
 Acq: 3 Nov 2018 7:08

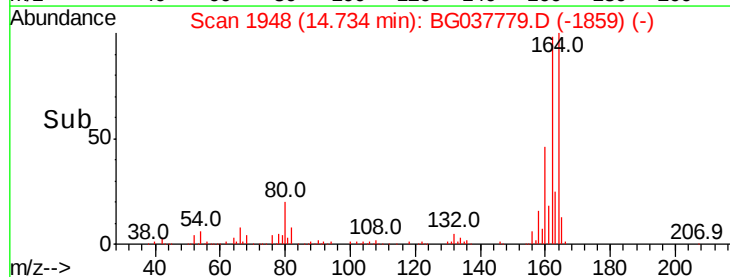
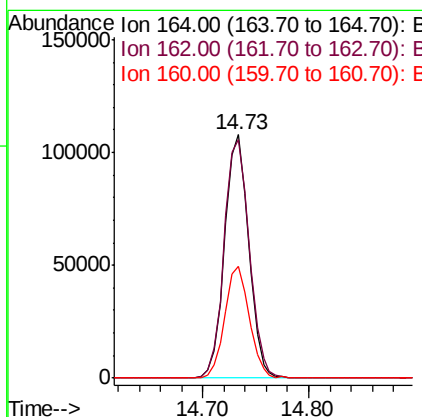
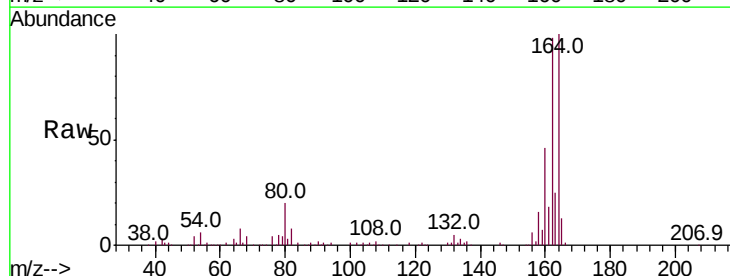
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-110118-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	55.5	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: BG037779.D
 Acq: 3 Nov 2018 7:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.3	121.9
160	45.9	36.3	54.5

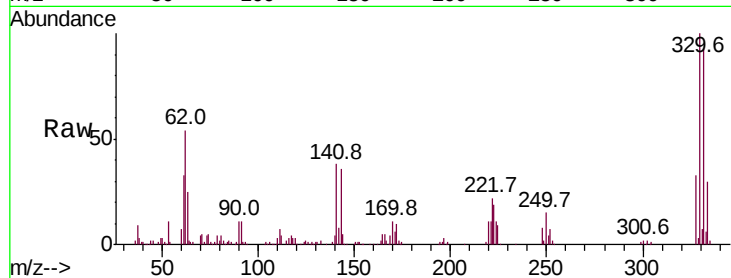




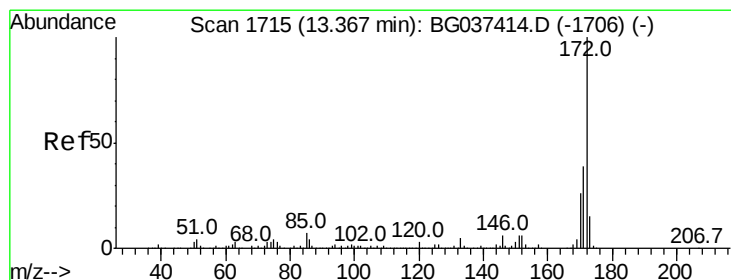
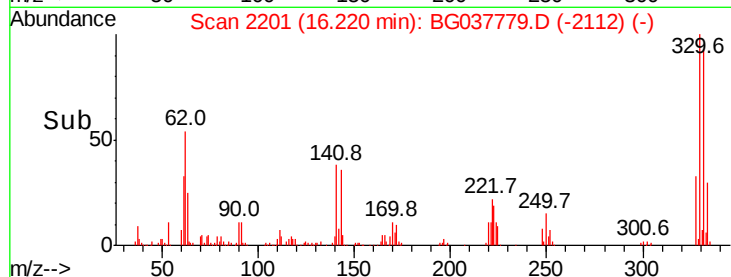
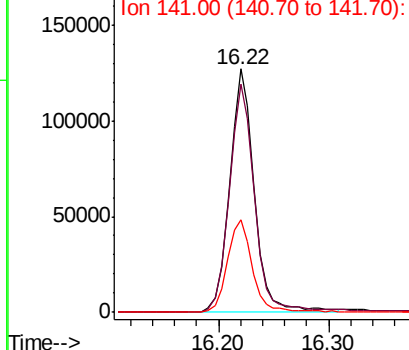
#42
 2,4,6-Tribromophenol
 Concen: 106.539 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037779.D
 Acq: 3 Nov 2018 7:08

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.4	117.6
141	39.1	32.2	48.2

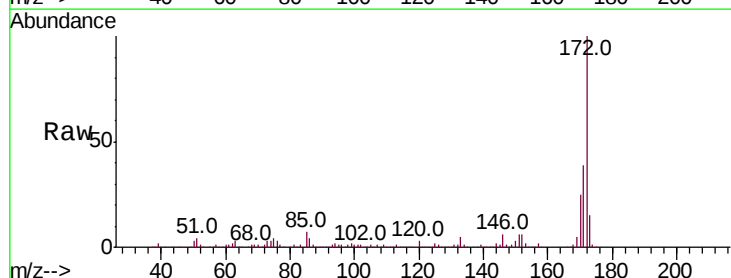


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

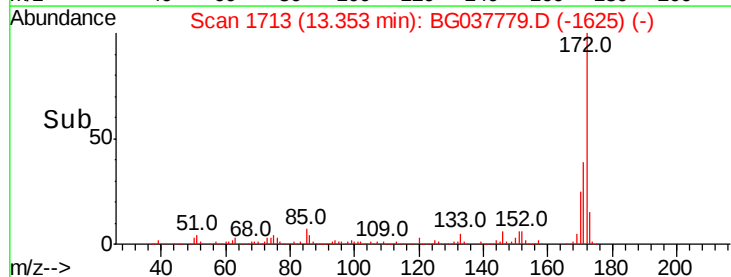
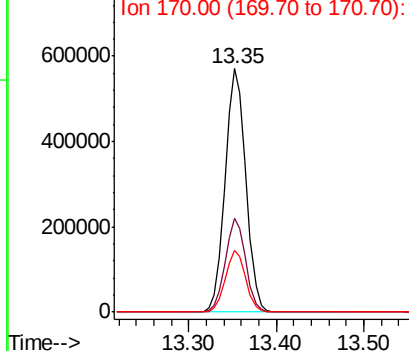


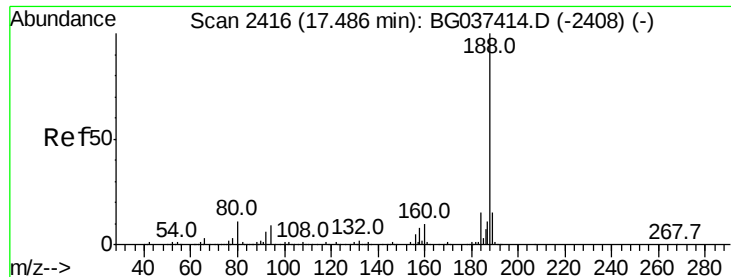
#45
 2-Fluorobiphenyl
 Concen: 82.117 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037779.D
 Acq: 3 Nov 2018 7:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.3	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: BG037779.D

Acq: 3 Nov 2018 7:08

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-A

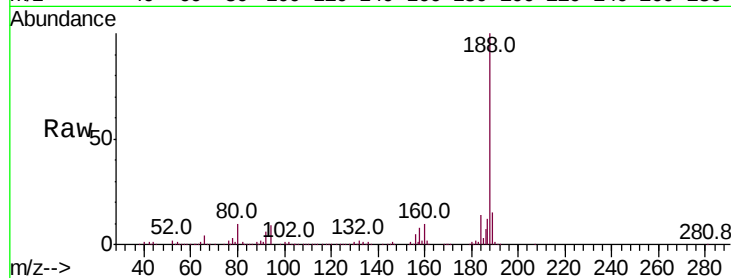
Tot Ion:188 Resp: 384568

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

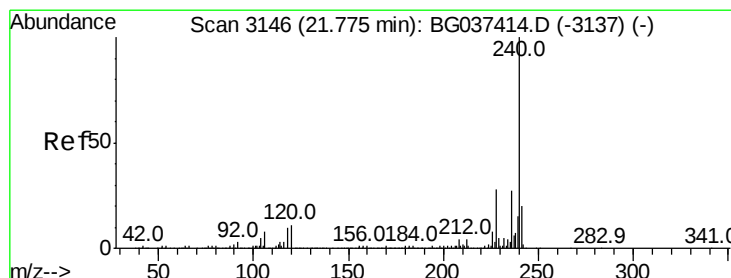
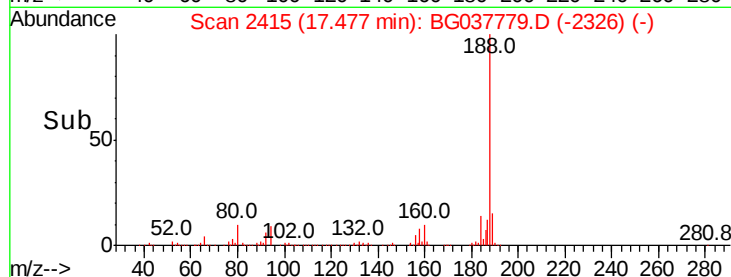
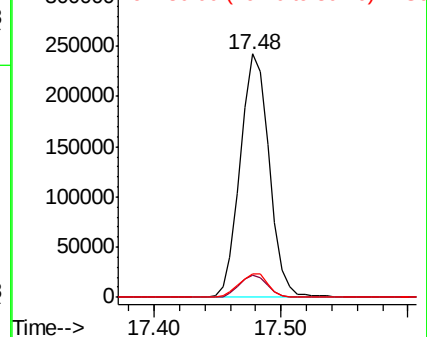
80 9.6 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037779.D

Acq: 3 Nov 2018 7:08

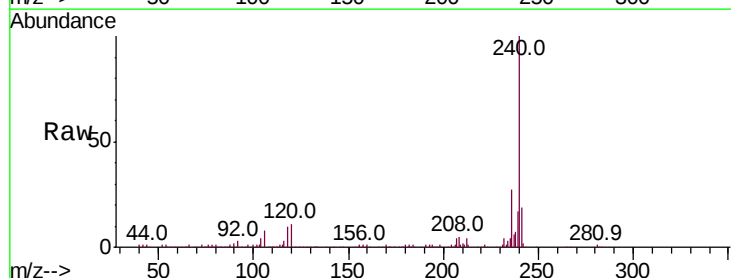
Tgt Ion:240 Resp: 347511

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

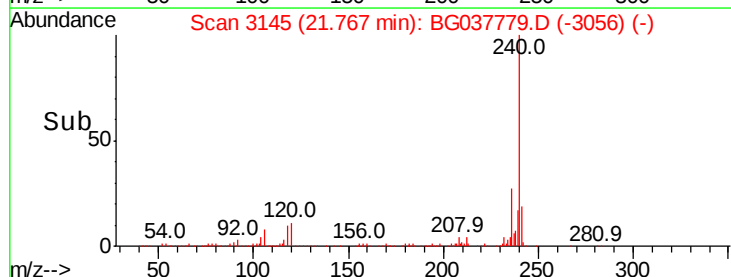
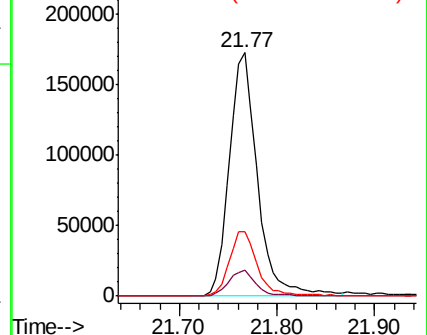
236 26.7 21.4 32.0



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: 84.257 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037779.D

Acq: 3 Nov 2018 7:08

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-A

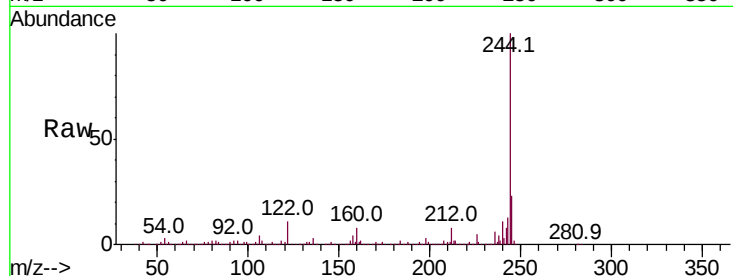
Tot Ion:244 Resp: 1370308

Ion Ratio Lower Upper

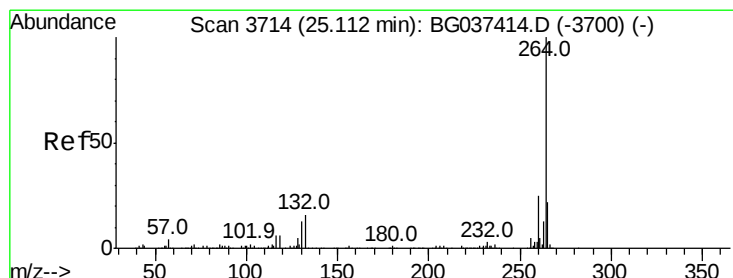
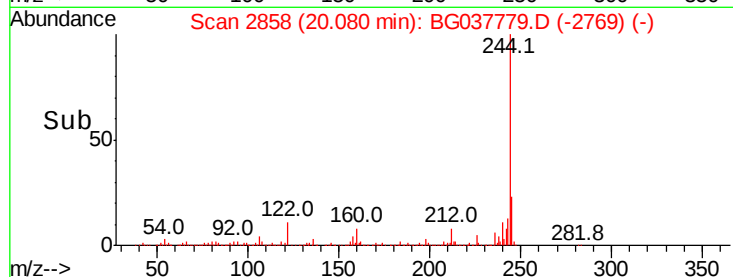
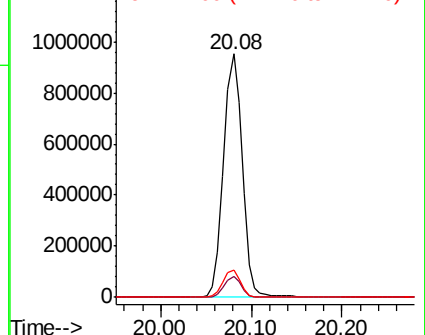
244 100

212 8.4 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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037779.D

Acq: 3 Nov 2018 7:08

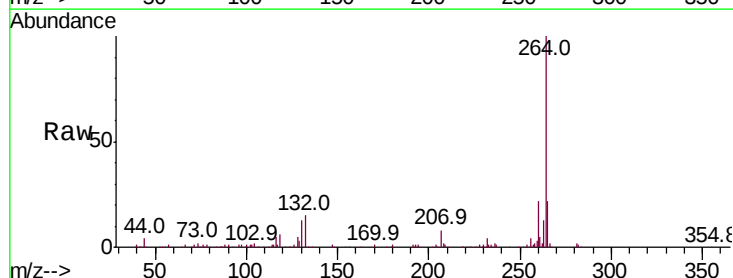
Tgt Ion:264 Resp: 284854

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 22.0 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

