

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037780.D
 Acq On : 3 Nov 2018 7:47
 Operator : JU/SJ
 Sample : J5767-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Nov 05 04:36:56 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	55522	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	256824	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	166389	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	378001	20.00	ng	0.00
76) Chrysene-d12	21.76	240	342233	20.00	ng	-0.01
87) Perylene-d12	25.10	264	292821	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	382270	115.11	ng	0.00
7) Phenol-d6	7.24	99	493984	98.37	ng	0.00
23) Nitrobenzene-d5	9.28	82	386315	84.26	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	191312	105.42	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924711	83.80	ng	-0.01
79) Terphenyl-d14	20.08	244	1351937	84.41	ng	0.00

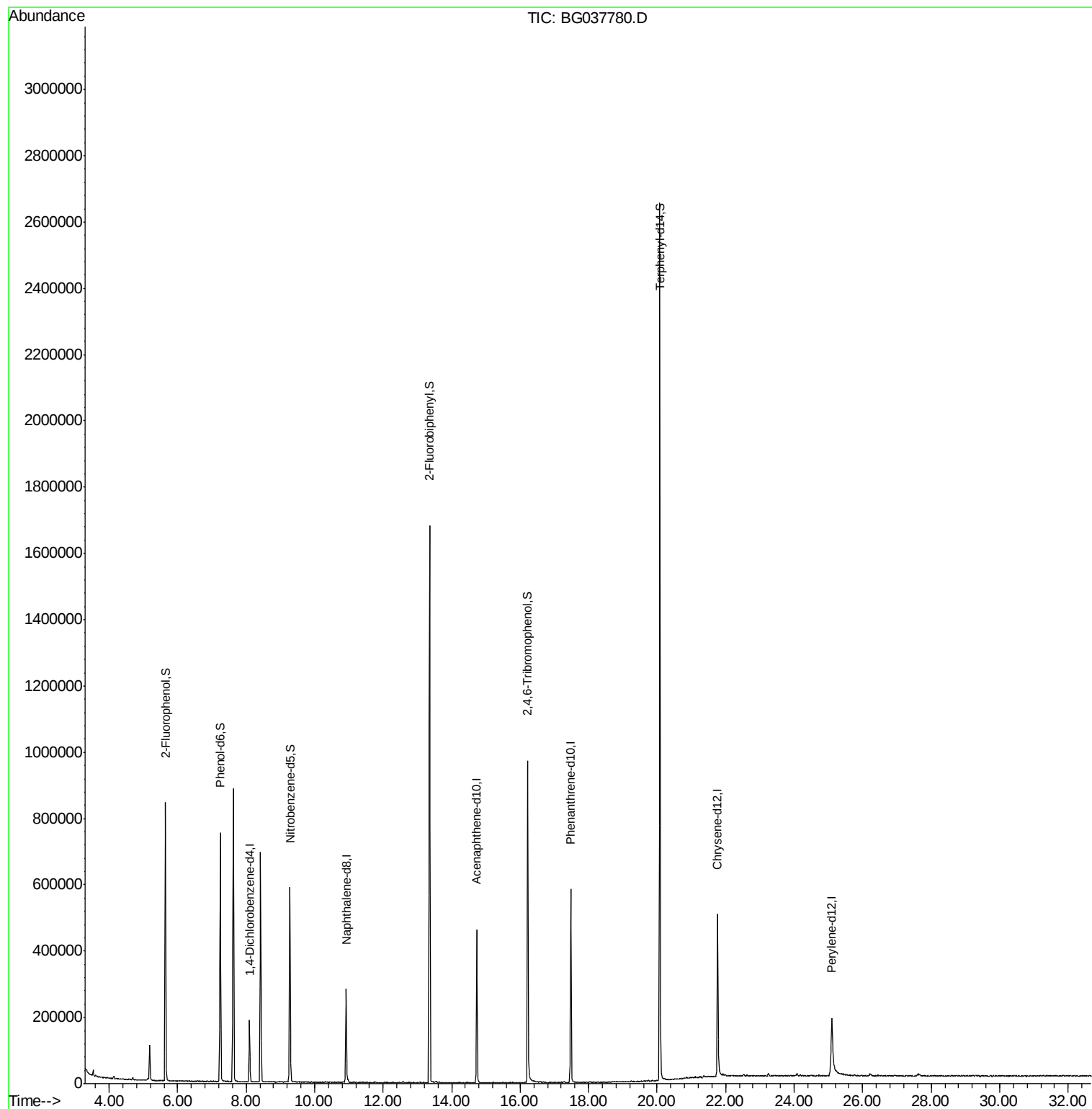
Target Compounds Qvalue

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

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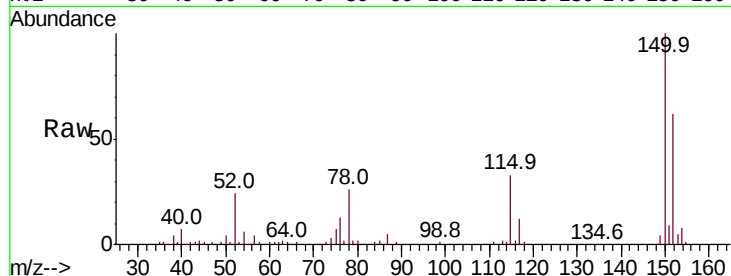


#1

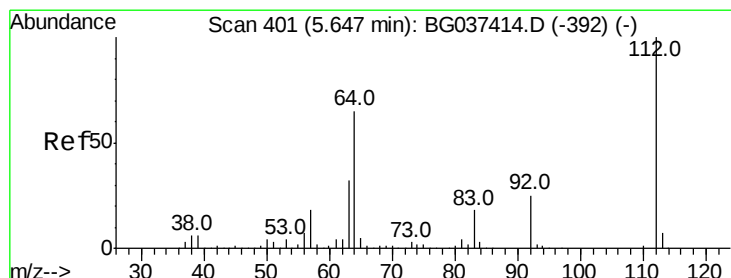
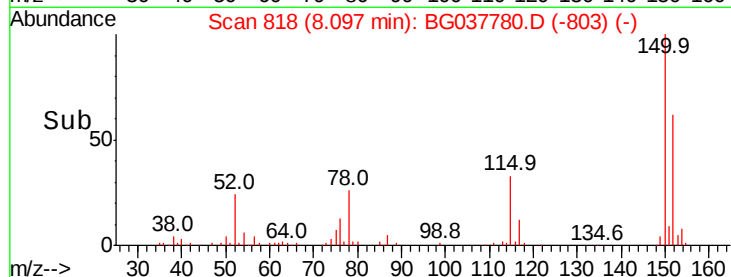
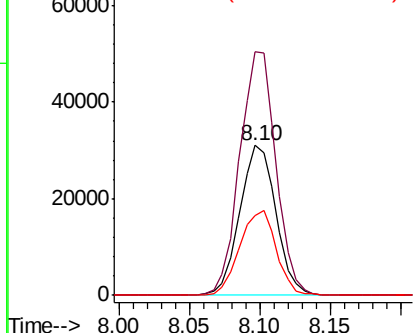
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

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

Tot Ion:152 Resp: 55522
 Ion Ratio Lower Upper
 152 100
 150 162.4 126.0 189.0
 115 52.8 45.5 68.3



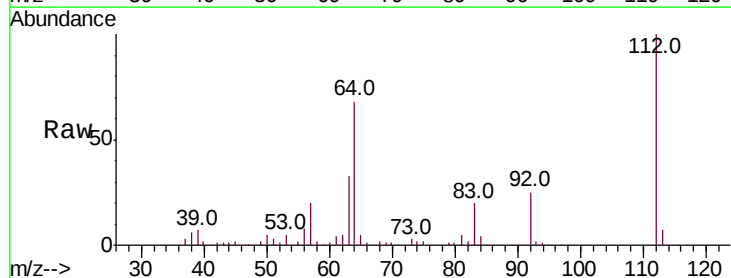
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



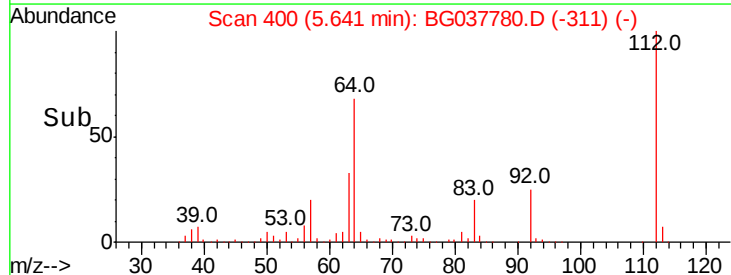
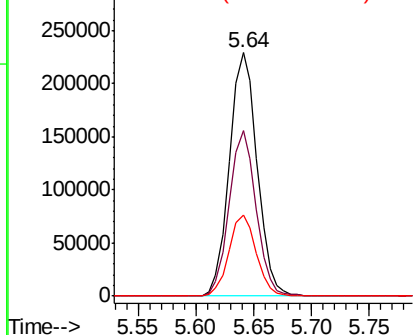
#5

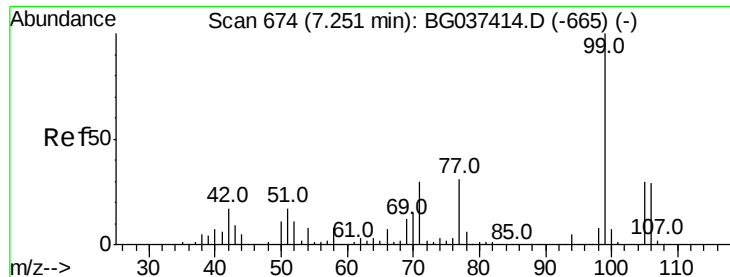
2-Fluorophenol
 Concen: 115.107 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

Tgt Ion:112 Resp: 382270
 Ion Ratio Lower Upper
 112 100
 64 68.2 53.1 79.7
 63 33.5 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: 98.369 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037780.D

Acq: 3 Nov 2018 7:47

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-B

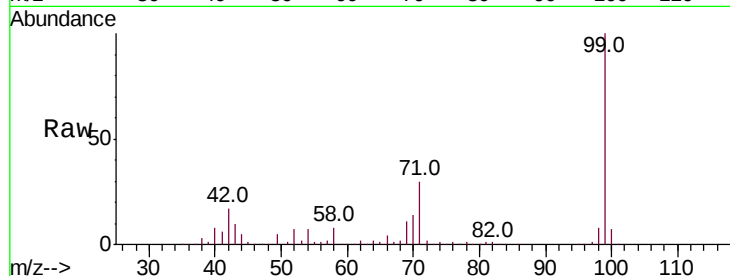
Tot Ion: 99 Resp: 493984

Ion Ratio Lower Upper

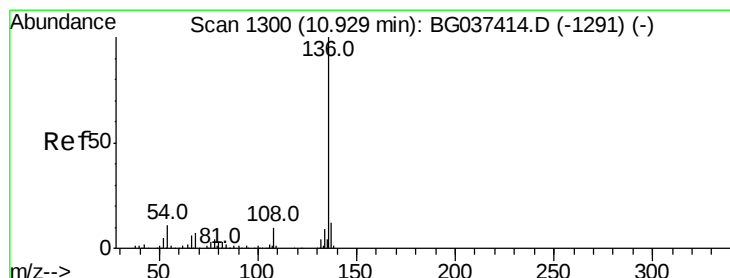
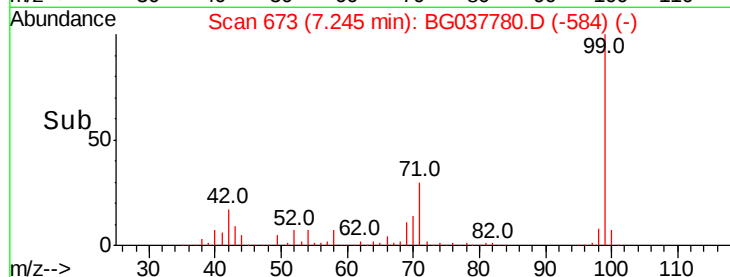
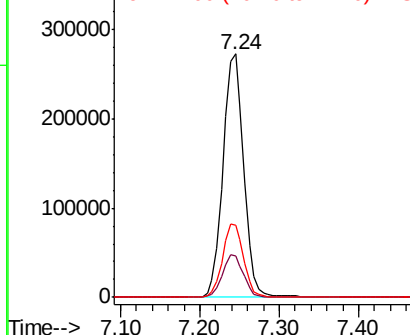
99 100

42 17.2 15.0 22.4

71 29.8 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# 1298

Delta R.T. -0.01 min

Lab File: BG037780.D

Acq: 3 Nov 2018 7:47

Tgt Ion: 136 Resp: 256824

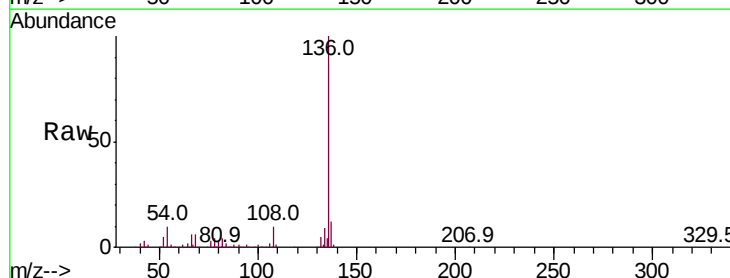
Ion Ratio Lower Upper

136 100

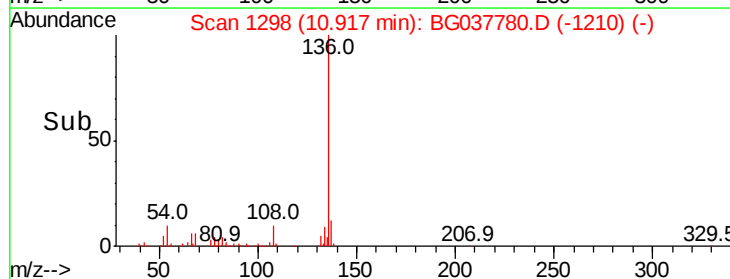
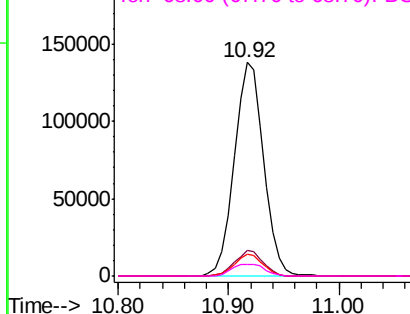
137 11.7 9.6 14.4

54 10.0 7.9 11.9

68 5.7 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

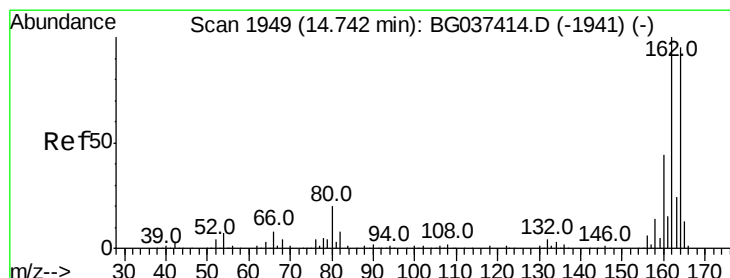
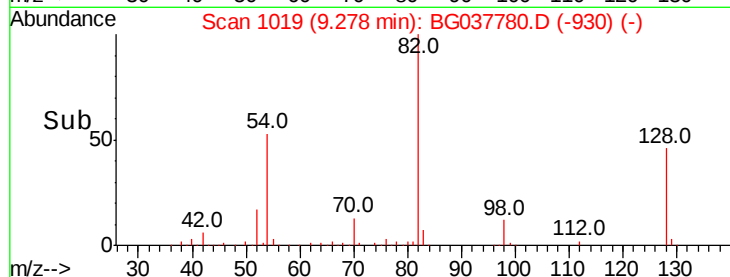
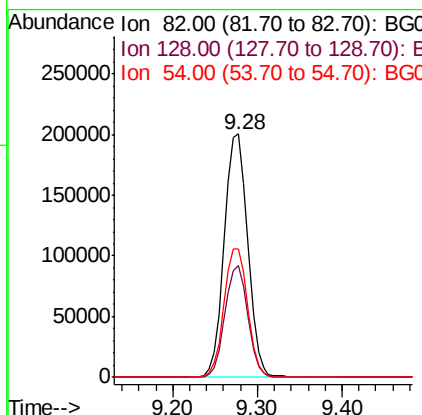
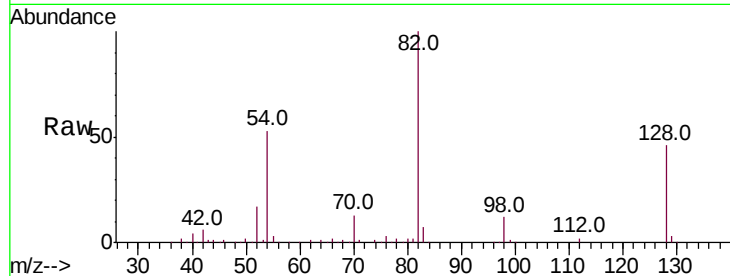




#23
 Nitrobenzene-d5
 Concen: 84.264 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

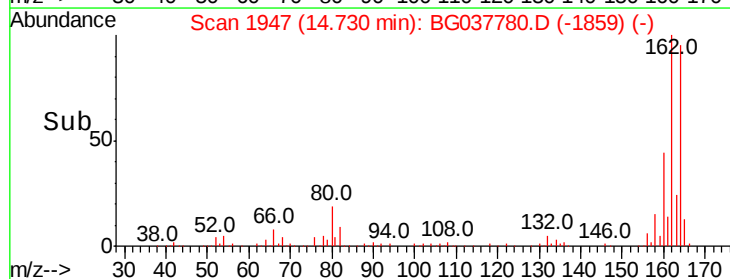
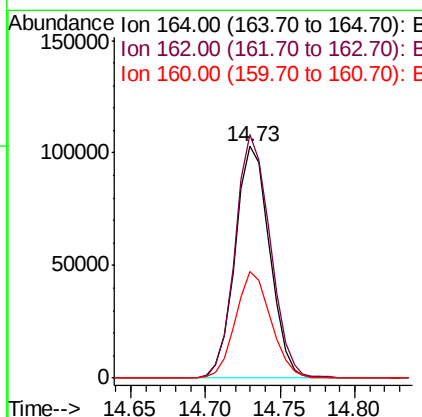
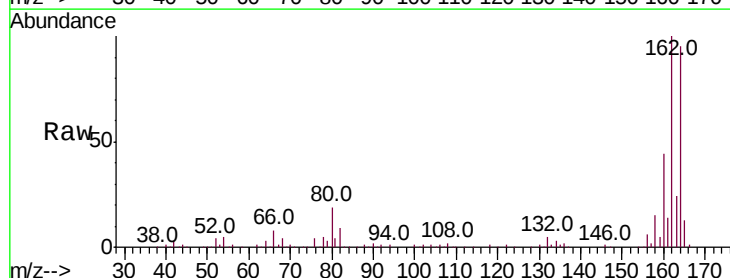
Instrument :
 BNA_G
 ClientSampled :
 CL-02-110118-B

Tot Ion	82	Resp	386315
Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	52.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

Tgt Ion	164	Resp	166389
Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.3	121.9
160	45.9	36.3	54.5

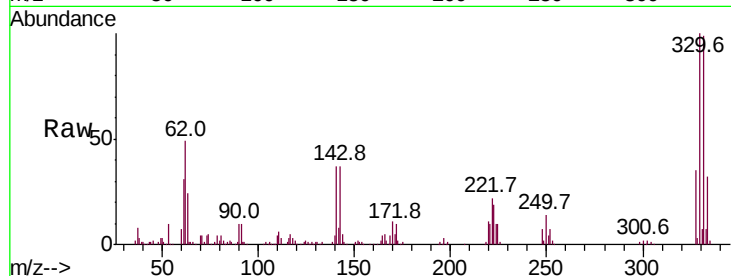




#42
 2,4,6-Tribromophenol
 Concen: 105.418 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.9	78.4	117.6
141	38.8	32.2	48.2

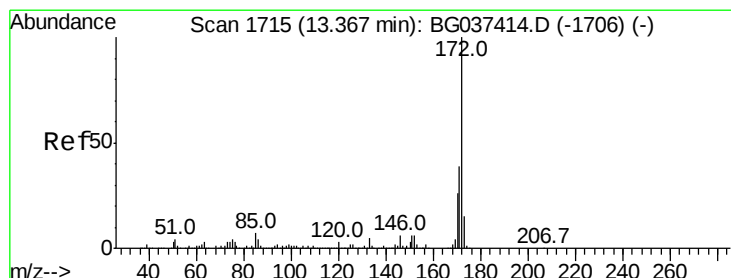
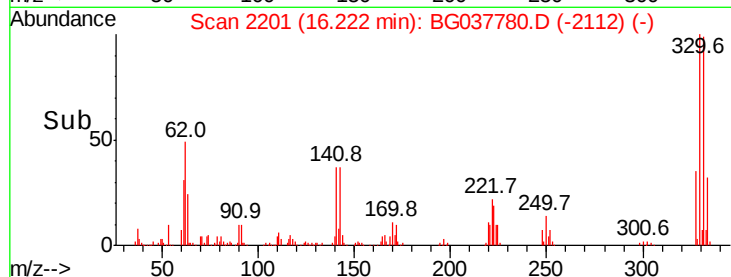
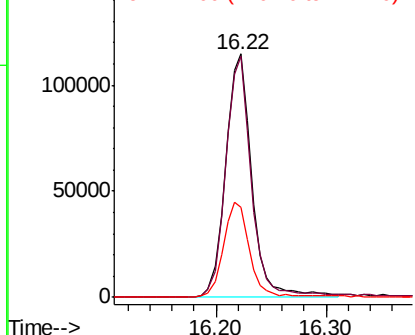


Abundance

Ion 329.80 (329.50 to 330.50): E

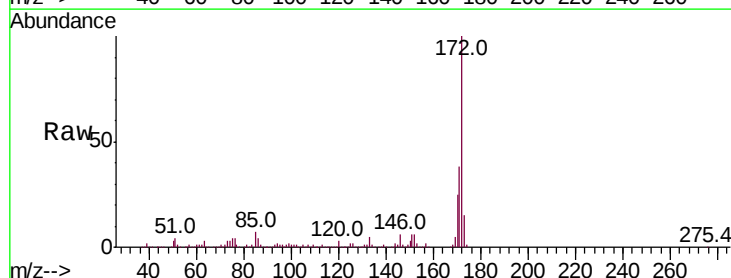
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.804 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037780.D
 Acq: 3 Nov 2018 7:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.1	20.2	30.2

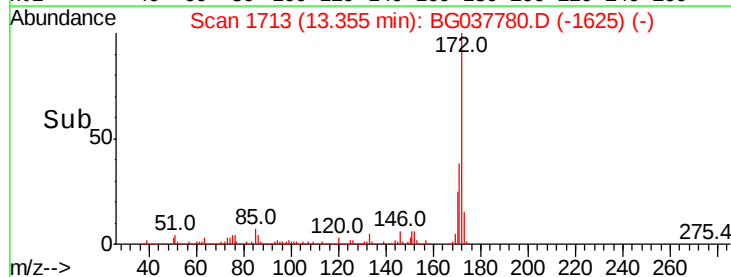
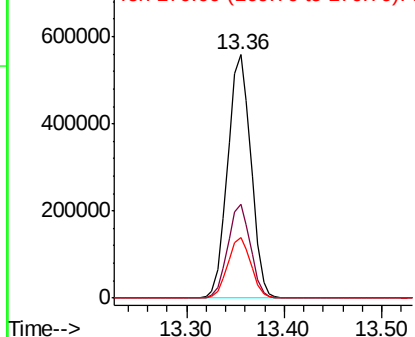


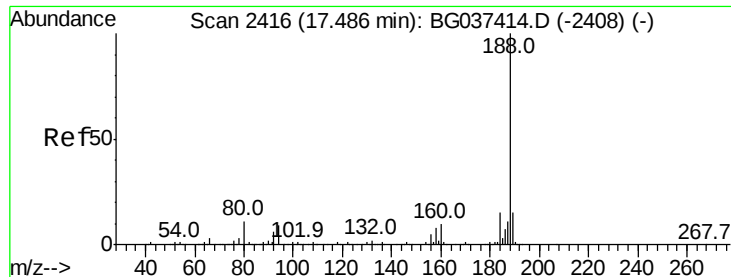
Abundance

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

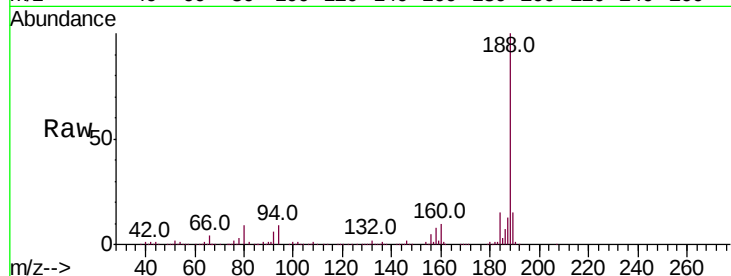




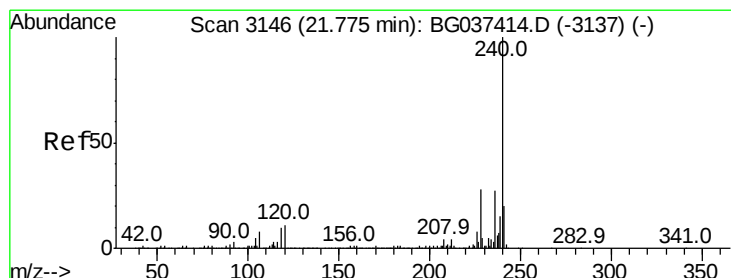
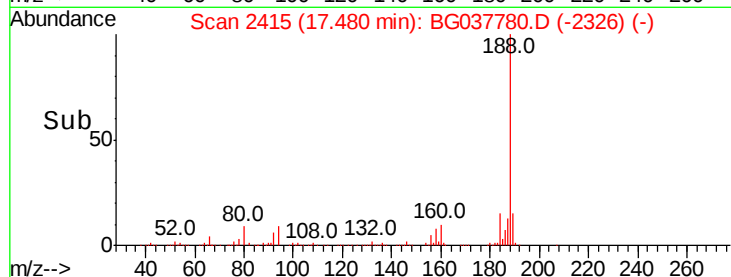
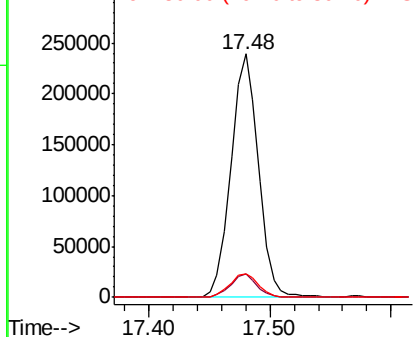
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037780.D
Acq: 3 Nov 2018 7:47

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

Tot Ion:188 Resp: 378001
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.4 7.7 11.5

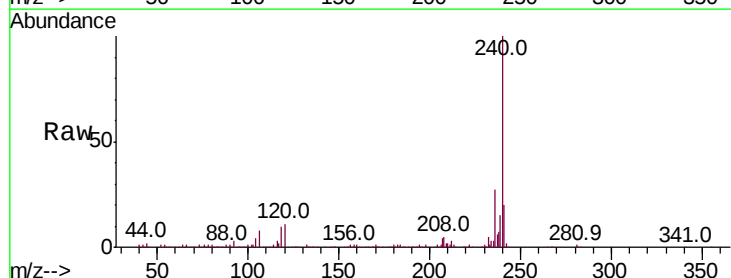


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

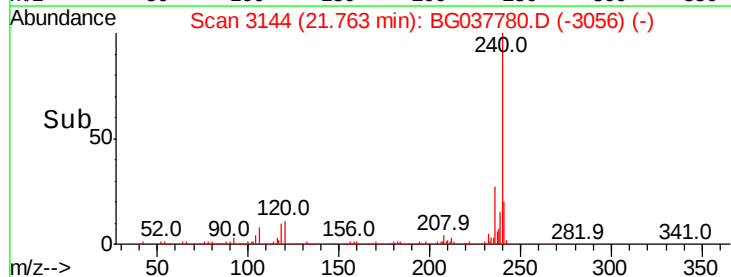
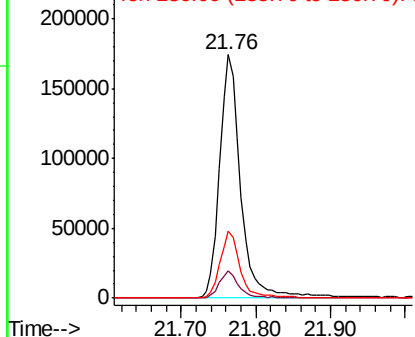


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037780.D
Acq: 3 Nov 2018 7:47

Tgt Ion:240 Resp: 342233
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 27.5 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: 84.410 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037780.D

Acq: 3 Nov 2018 7:47

Instrument :

BNA_G

ClientSampleId :

CL-02-110118-B

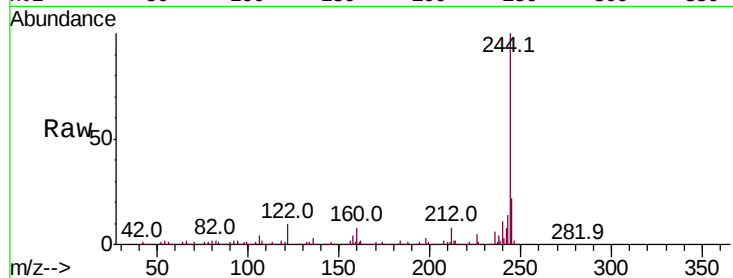
Tot Ion:244 Resp: 1351937

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

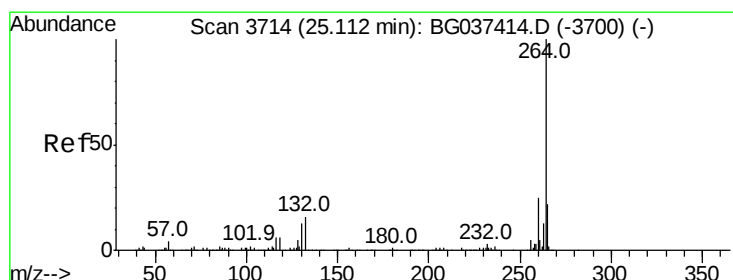
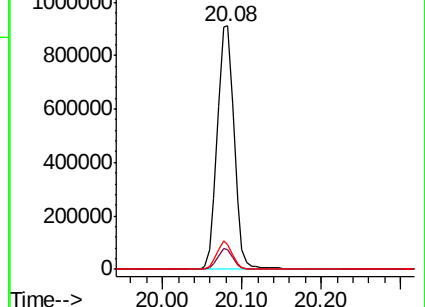
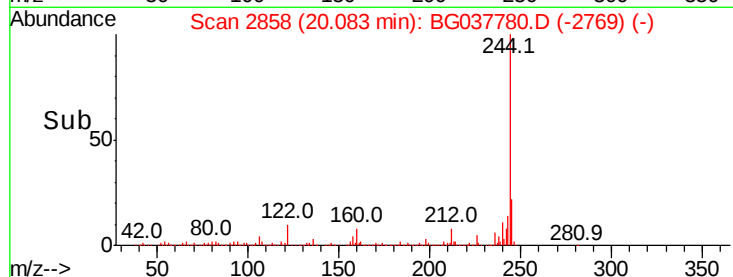
122 10.3 9.0 13.4



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. -0.01 min

Lab File: BG037780.D

Acq: 3 Nov 2018 7:47

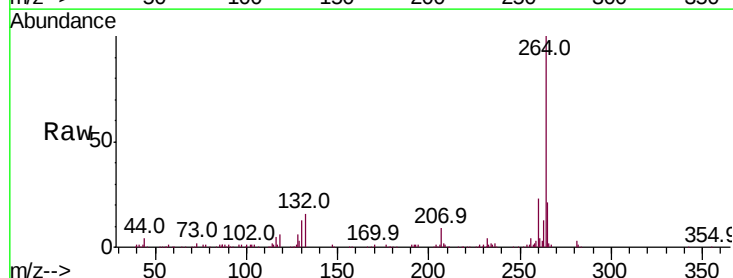
Tgt Ion:264 Resp: 292821

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 20.9 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

