

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037702.D
 Acq On : 1 Nov 2018 4:07
 Operator : JU/SJ
 Sample : J5205-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-103018-A

Quant Time: Nov 01 07:25:32 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	53115	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	234672	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	163173	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	390966	20.00	ng	0.00
76) Chrysene-d12	21.77	240	358250	20.00	ng	0.00
87) Perylene-d12	25.10	264	276419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	358660	112.89	ng	0.00
7) Phenol-d6	7.24	99	473737	98.61	ng	0.00
23) Nitrobenzene-d5	9.28	82	351664	83.95	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	173995	97.77	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	849174	78.48	ng	-0.01
79) Terphenyl-d14	20.08	244	1364370	81.38	ng	0.00

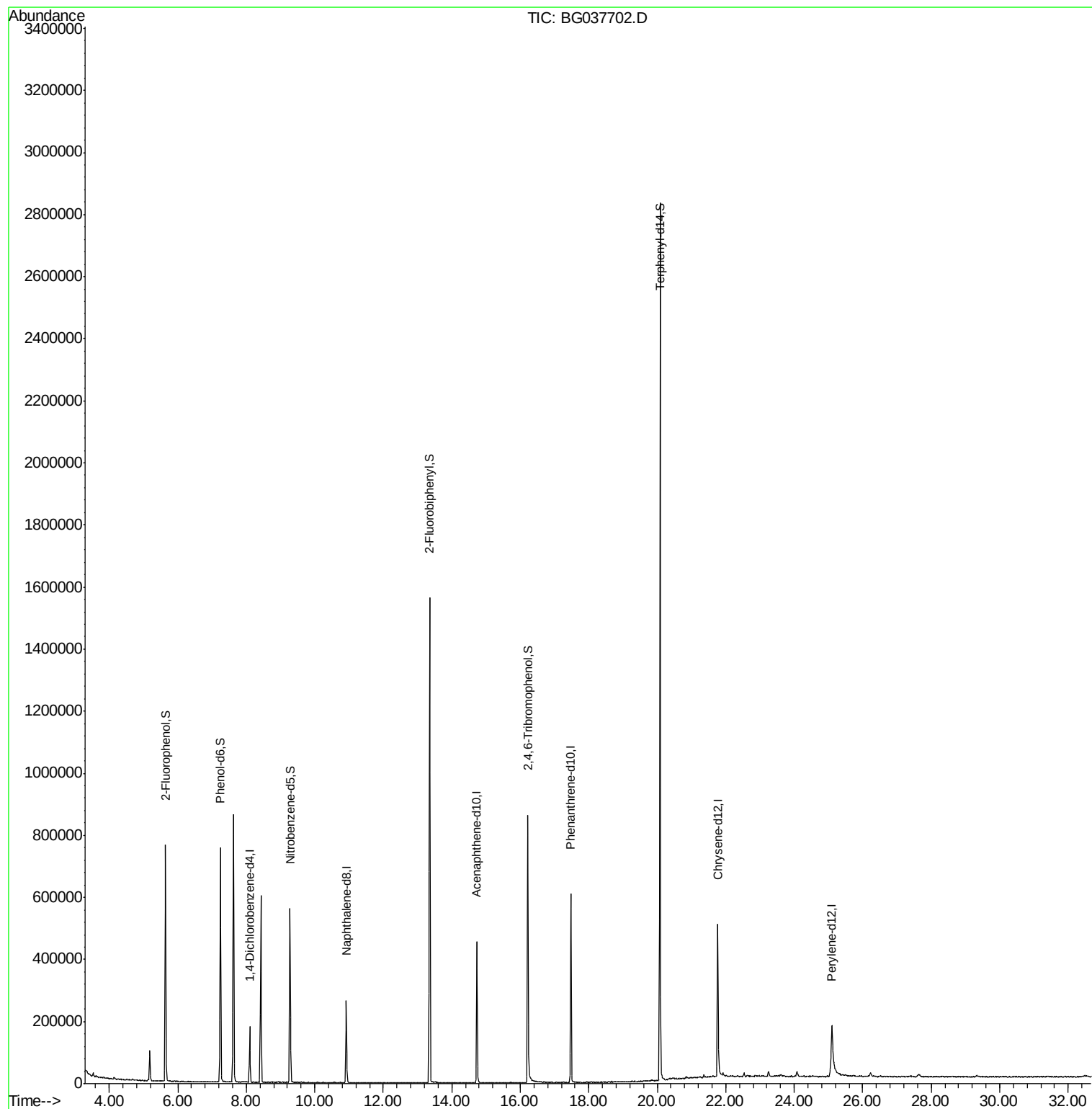
Target Compounds Qvalue

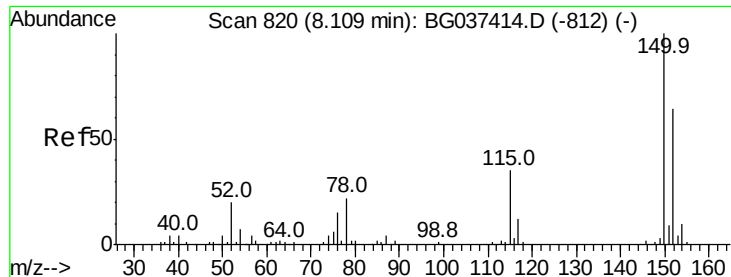
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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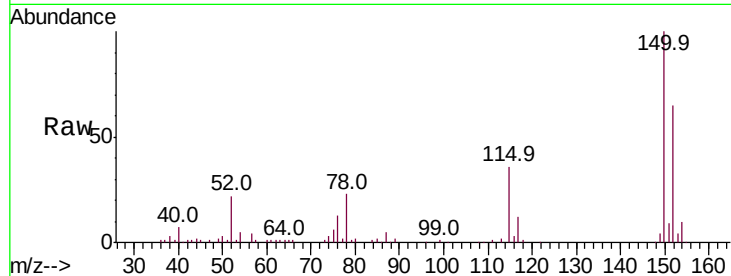


#1

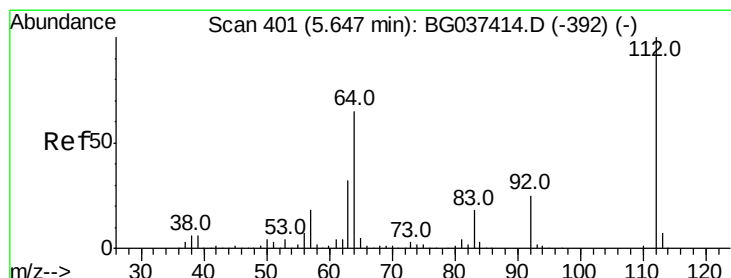
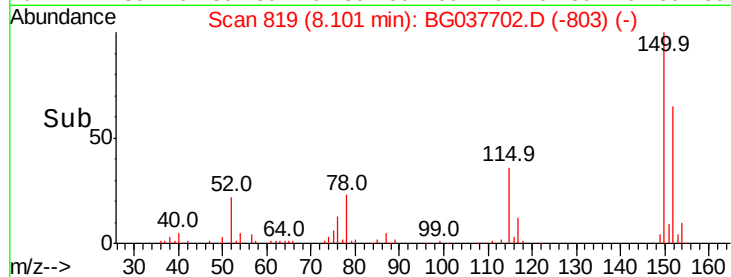
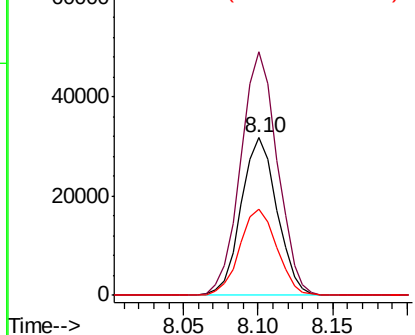
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037702.D
 Acq: 1 Nov 2018 4:07

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-103018-A

Tot Ion:152 Resp: 53115
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.0 189.0
 115 55.0 45.5 68.3



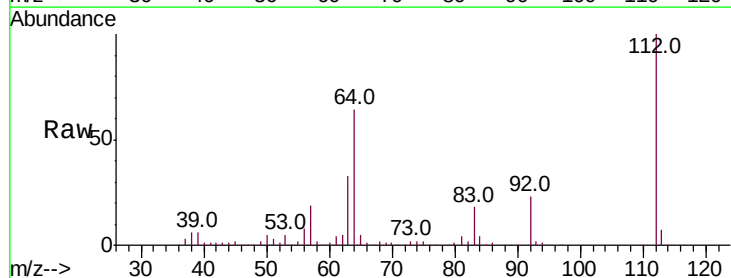
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



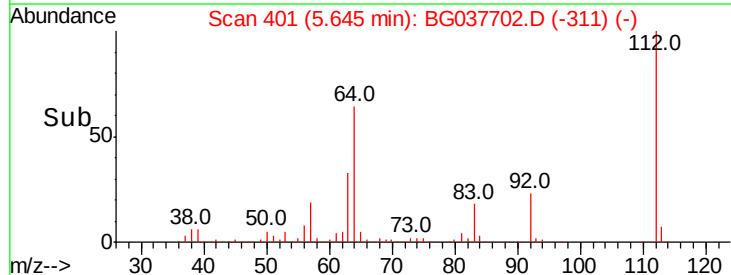
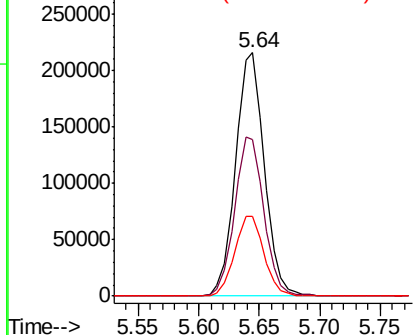
#5

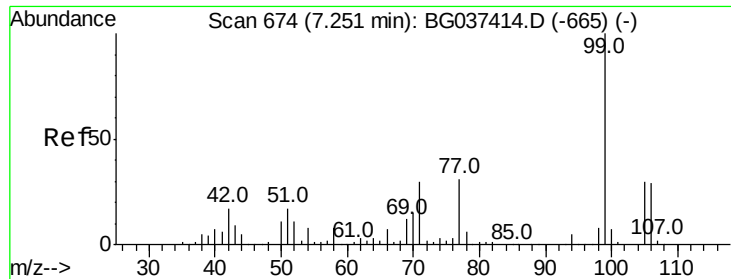
2-Fluorophenol
 Concen: 112.892 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037702.D
 Acq: 1 Nov 2018 4:07

Tgt Ion:112 Resp: 358660
 Ion Ratio Lower Upper
 112 100
 64 64.1 53.1 79.7
 63 32.9 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: 98.612 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037702.D

Acq: 1 Nov 2018 4:07

Instrument :

BNA_G

ClientSampleId :

TR-04-103018-A

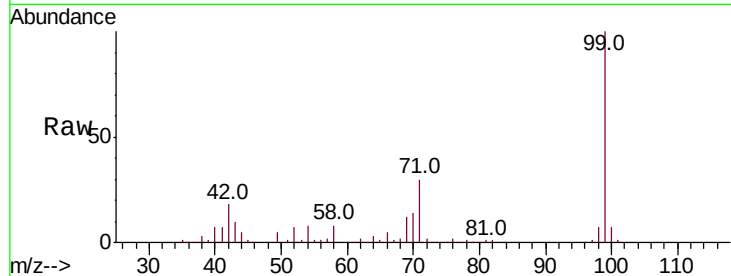
Tot Ion: 99 Resp: 473737

Ion Ratio Lower Upper

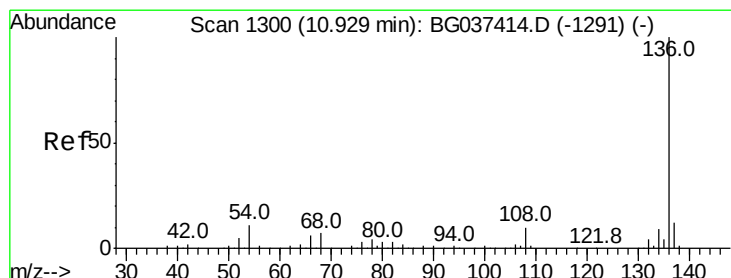
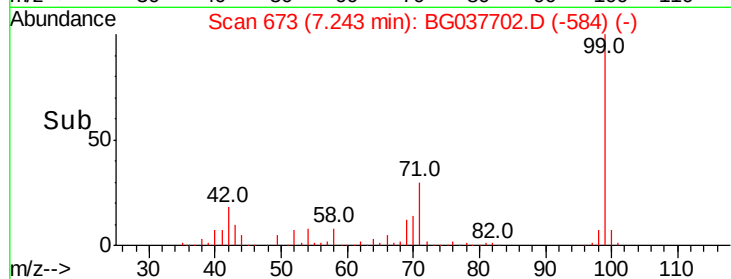
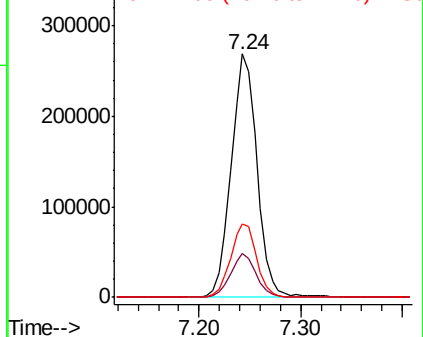
99 100

42 17.8 15.0 22.4

71 30.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037702.D

Acq: 1 Nov 2018 4:07

Tgt Ion: 136 Resp: 234672

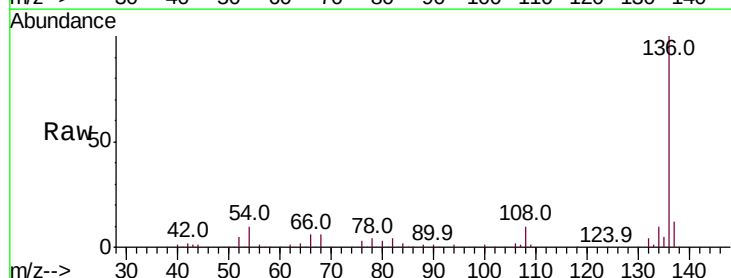
Ion Ratio Lower Upper

136 100

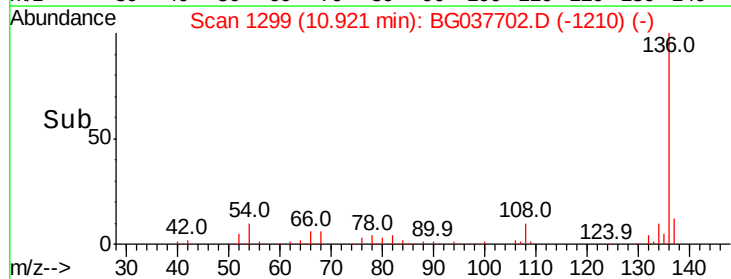
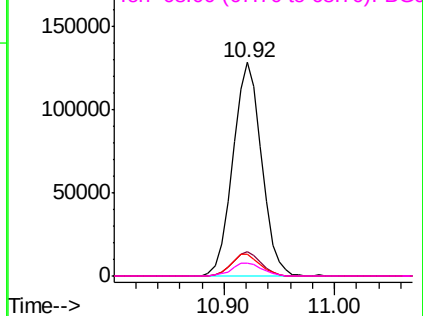
137 11.6 9.6 14.4

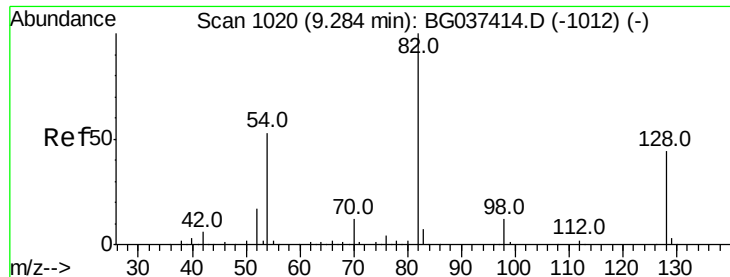
54 10.4 7.9 11.9

68 6.1 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

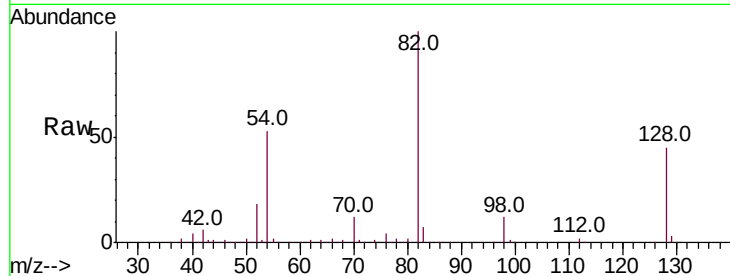




#23
Nitrobenzene-d5
Concen: 83.946 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037702.D
Acq: 1 Nov 2018 4:07

Instrument :
BNA_G
ClientSampleId :
TR-04-103018-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	53.4	45.3	67.9

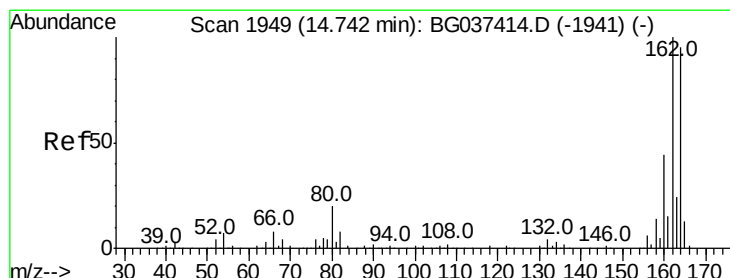
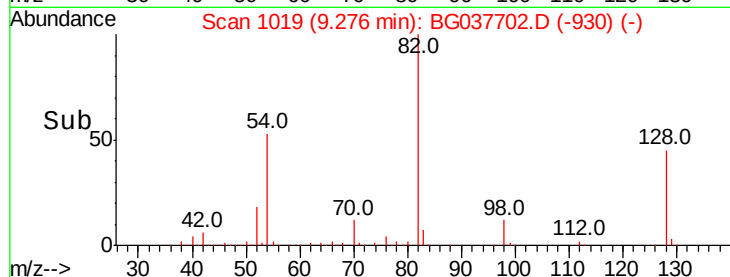
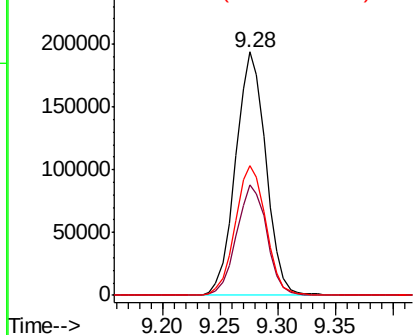


Abundance

Ion 82.00 (81.70 to 82.70): BGC

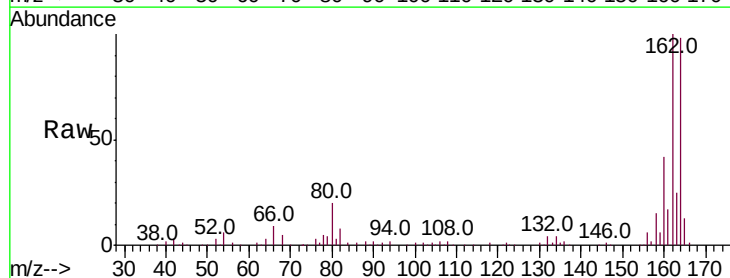
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037702.D
Acq: 1 Nov 2018 4:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	43.1	36.3	54.5

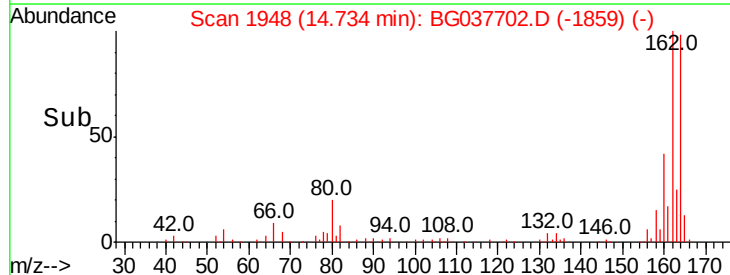
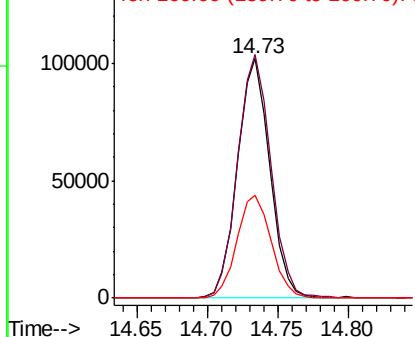


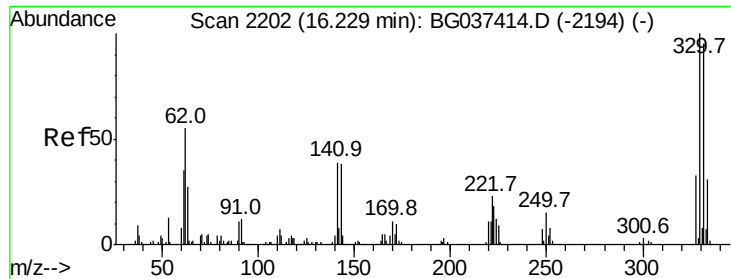
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

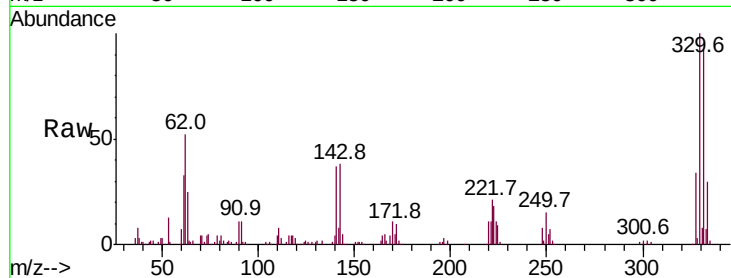




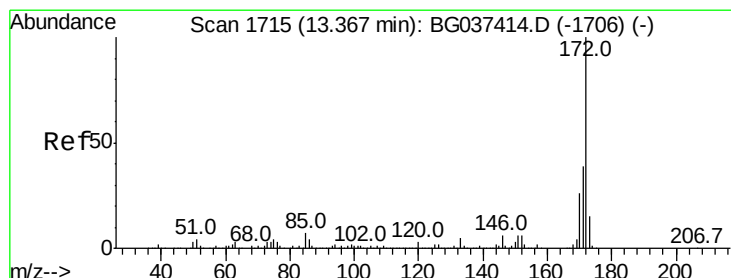
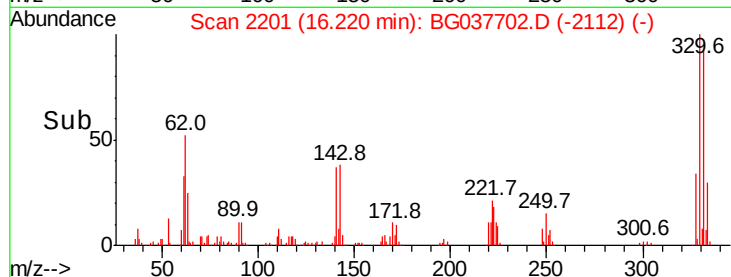
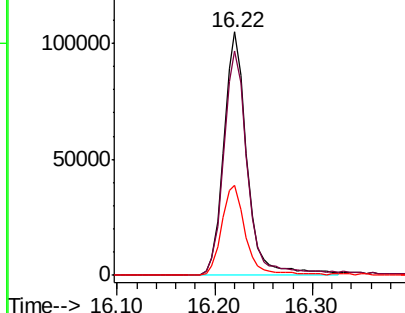
#42
 2,4,6-Tribromophenol
 Concen: 97.766 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037702.D
 Acq: 1 Nov 2018 4:07

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-103018-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.4	117.6
141	37.6	32.2	48.2

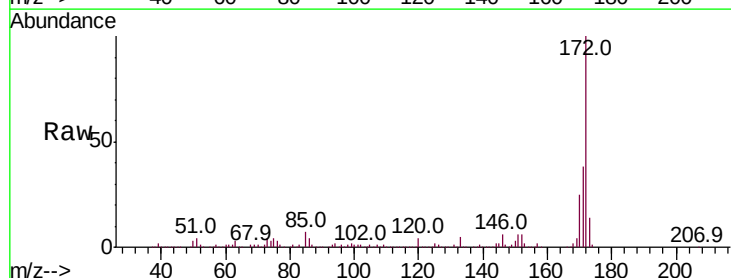


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

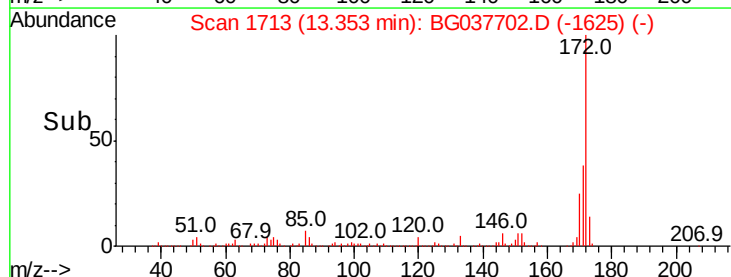
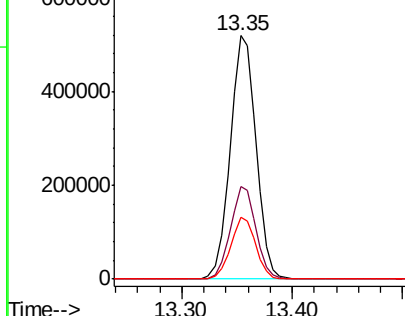


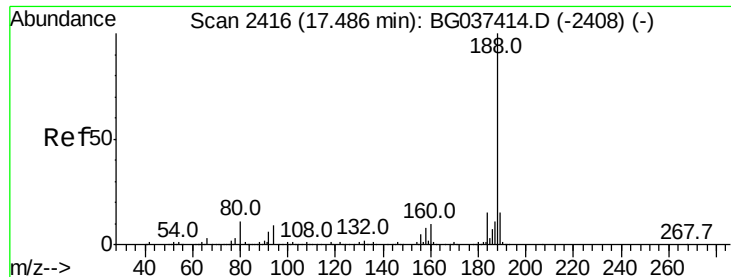
#45
 2-Fluorobiphenyl
 Concen: 78.475 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037702.D
 Acq: 1 Nov 2018 4:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	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: BG037702.D

Acq: 1 Nov 2018 4:07

Instrument :

BNA_G

ClientSampleId :

TR-04-103018-A

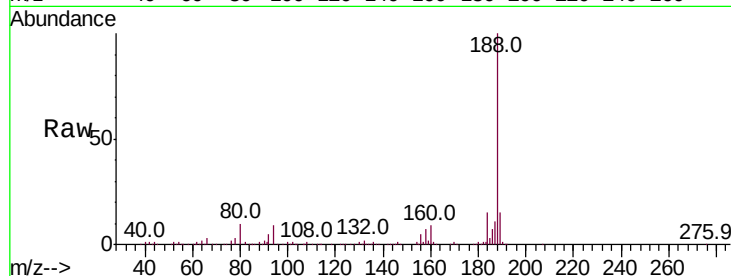
Tot Ion:188 Resp: 390966

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

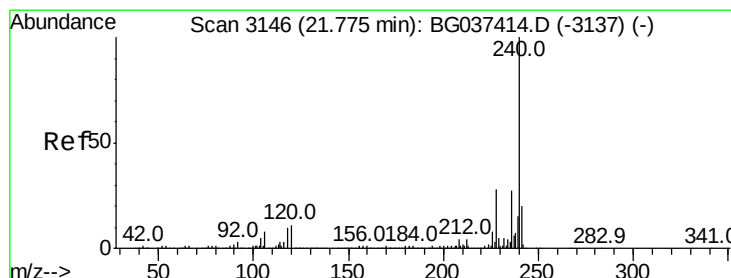
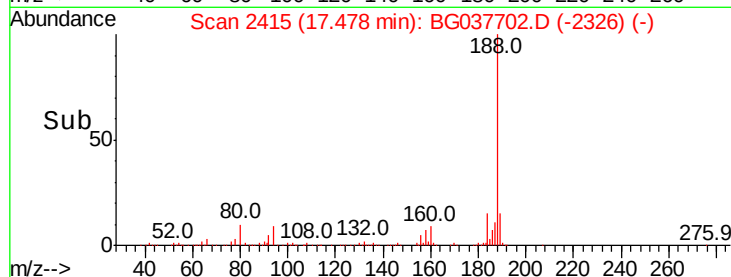
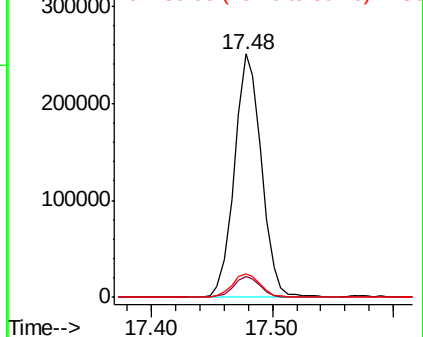
80 9.7 7.7 11.5



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: BG037702.D

Acq: 1 Nov 2018 4:07

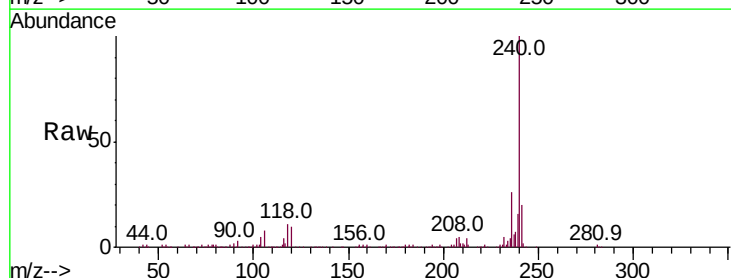
Tgt Ion:240 Resp: 358250

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

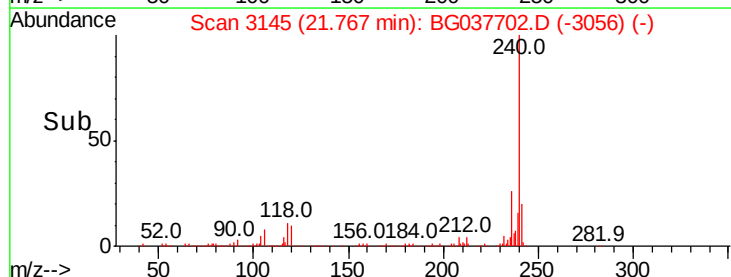
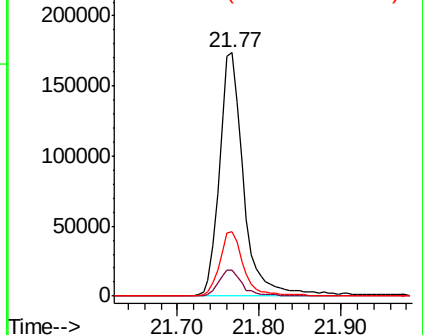
236 26.3 21.4 32.0

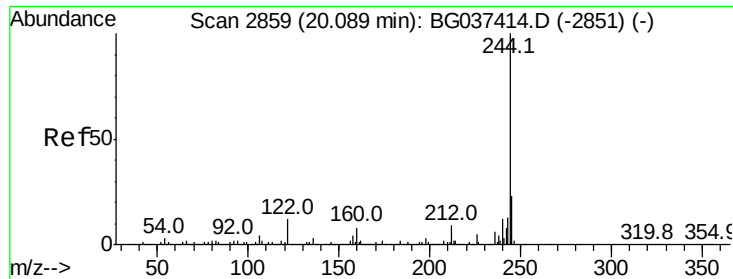


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.377 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037702.D

Acq: 1 Nov 2018 4:07

Instrument :

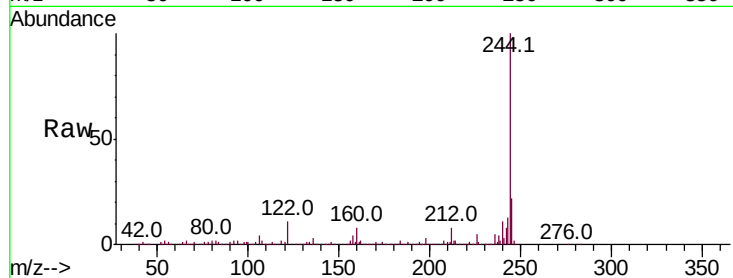
BNA_G

ClientSampleId :

TR-04-103018-A

Tot Ion:244 Resp: 1364370

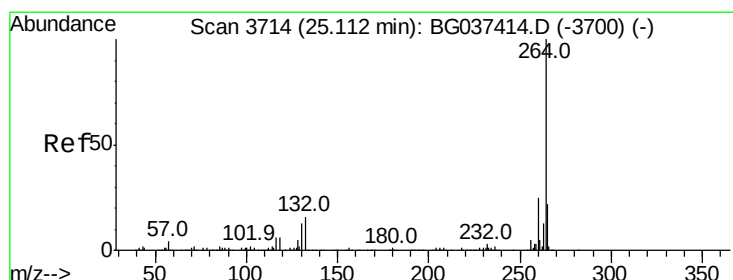
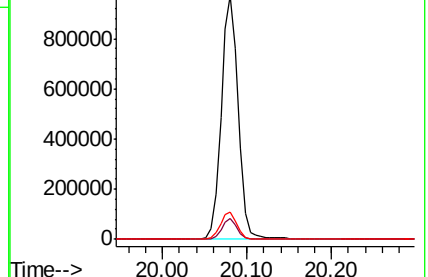
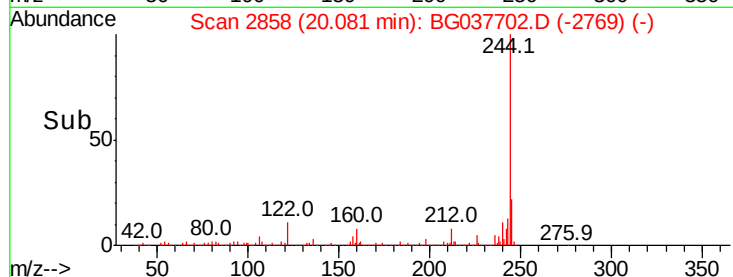
Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.4	9.0	13.4



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

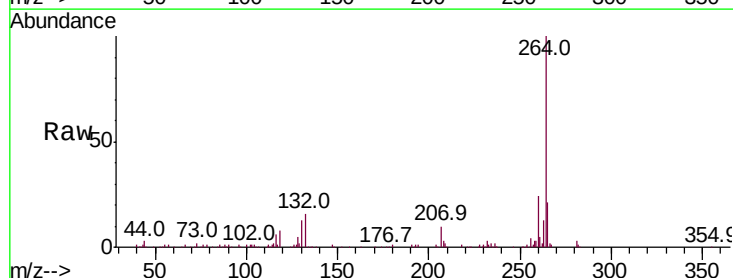
Delta R.T. -0.01 min

Lab File: BG037702.D

Acq: 1 Nov 2018 4:07

Tgt Ion:264 Resp: 276419

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.4	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

