

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038183.D
 Acq On : 28 Nov 2018 1:33
 Operator : JU/SJ
 Sample : PB115087BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115087BL

Quant Time: Nov 28 05:54:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	43904	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	188324	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120361	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	278774	20.00	ng	0.00
76) Chrysene-d12	21.76	240	266183	20.00	ng	0.00
87) Perylene-d12	25.08	264	236467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	368983	145.11	ng	0.00
7) Phenol-d6	7.24	99	521922	143.79	ng	0.00
23) Nitrobenzene-d5	9.27	82	326834	92.90	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	158588	115.53	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	751083	90.91	ng	0.00
79) Terphenyl-d14	20.07	244	1168529	103.30	ng	0.00

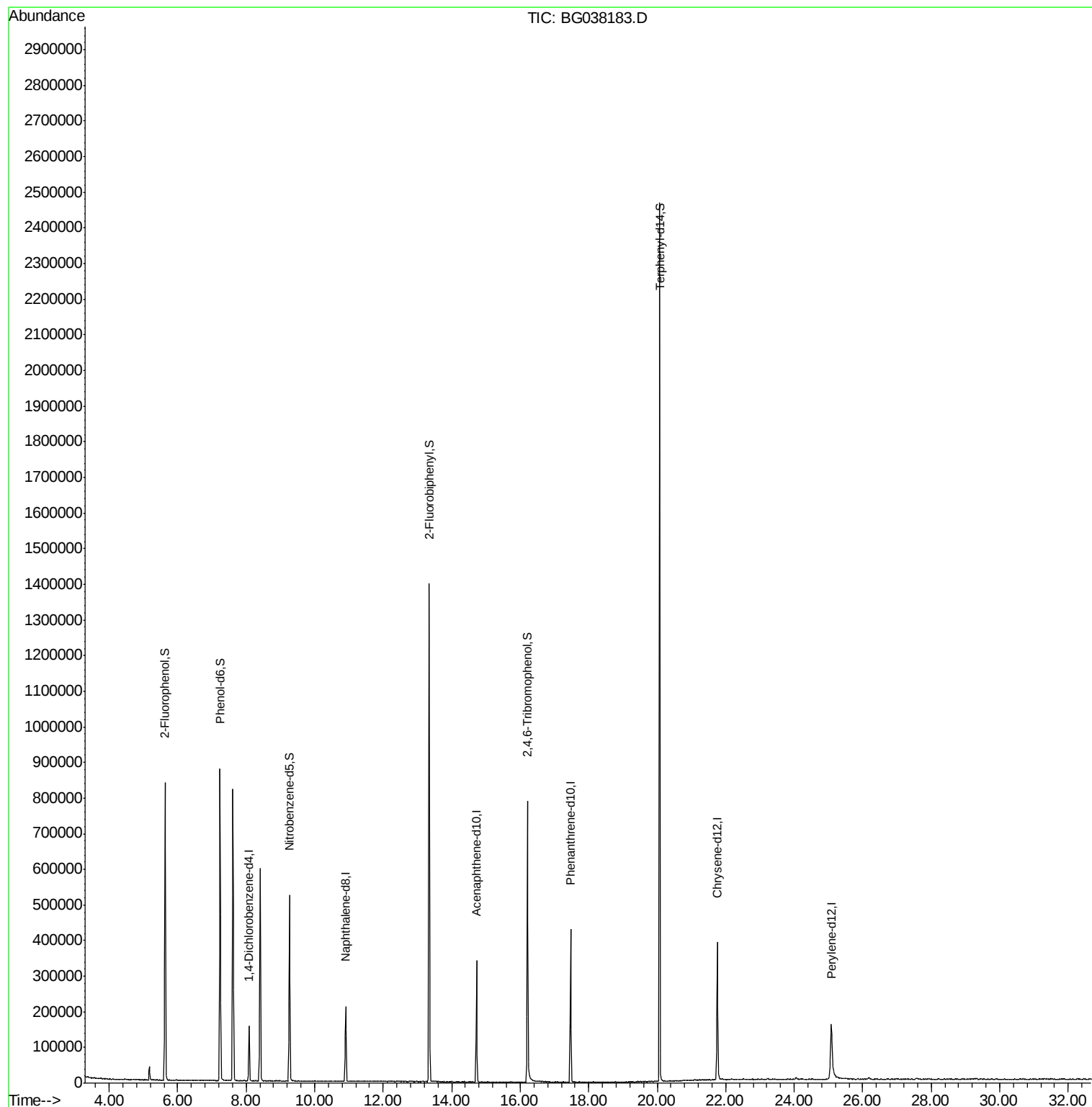
Target Compounds Qvalue

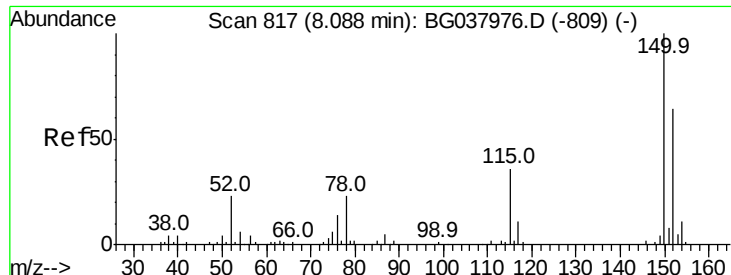
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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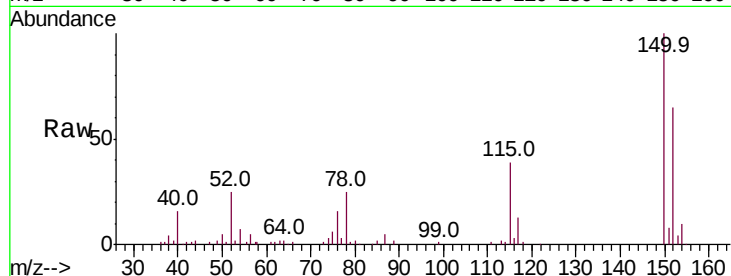


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115087BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.0	189.0
115	59.6	45.5	68.3

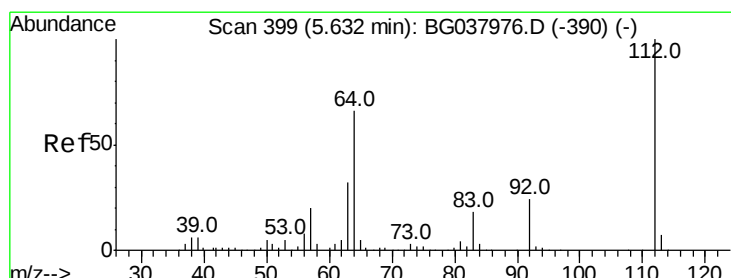
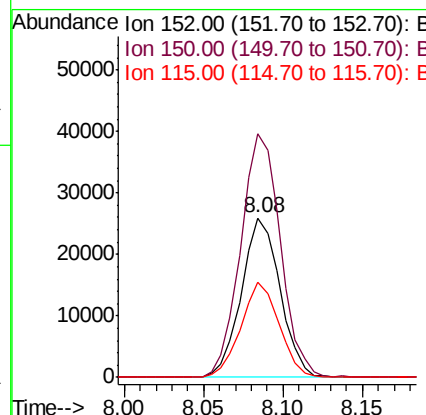
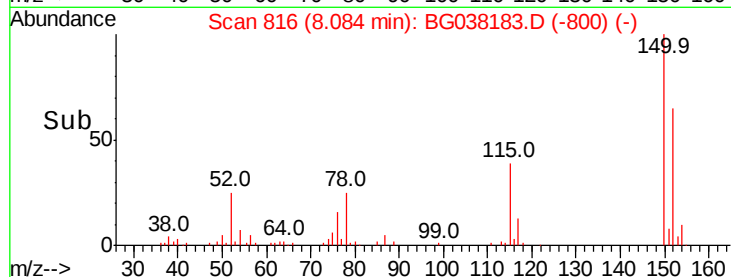


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

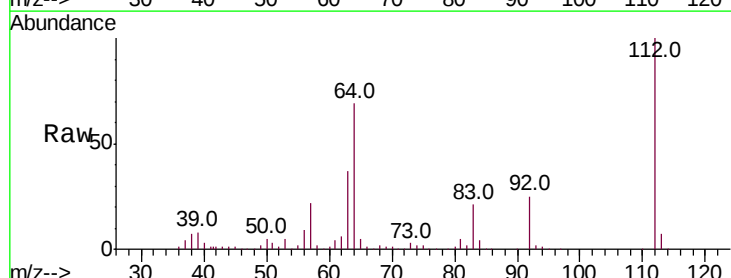
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 145.106 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.1	79.7
63	36.6	27.3	40.9

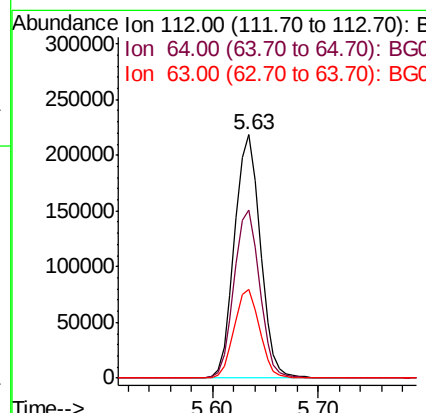
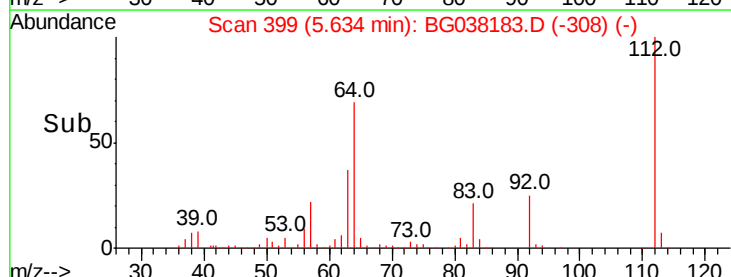


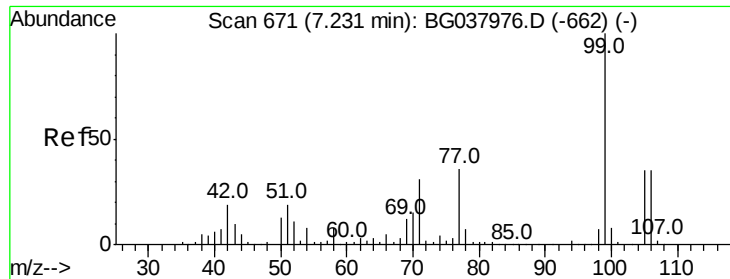
Abundance

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: 143.789 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB115087BL

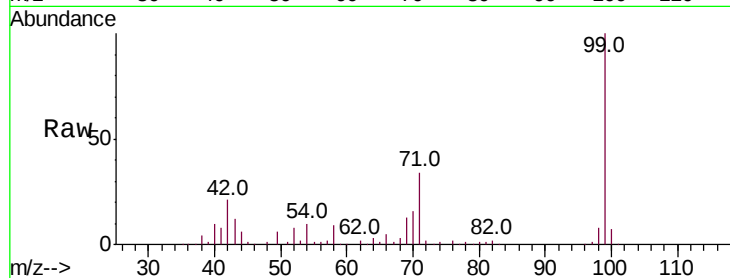
Tot Ion: 99 Resp: 521922

Ion Ratio Lower Upper

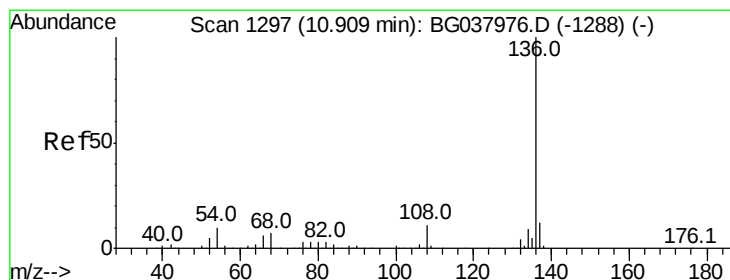
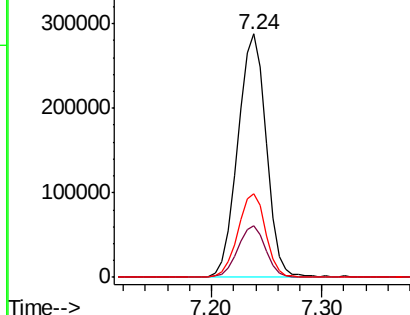
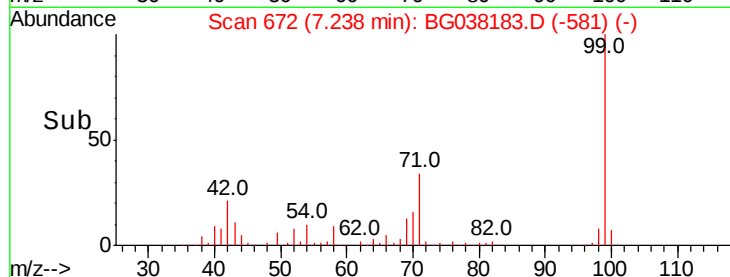
99 100

42 21.2 15.0 22.4

71 34.5 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: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

Tgt Ion: 136 Resp: 188324

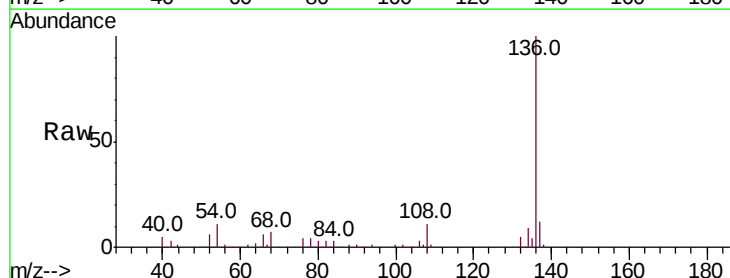
Ion Ratio Lower Upper

136 100

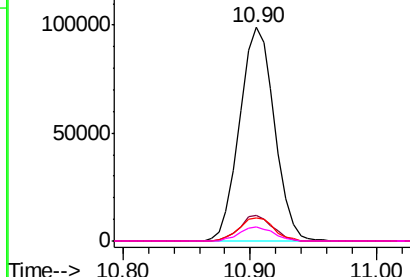
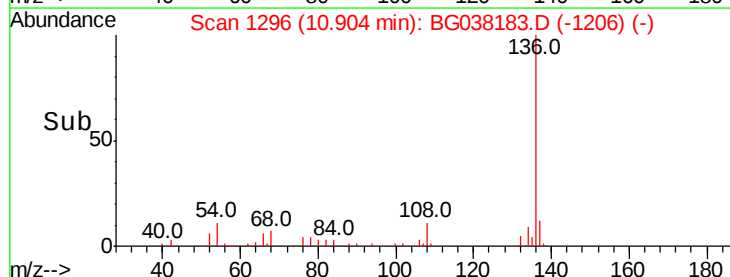
137 11.7 9.6 14.4

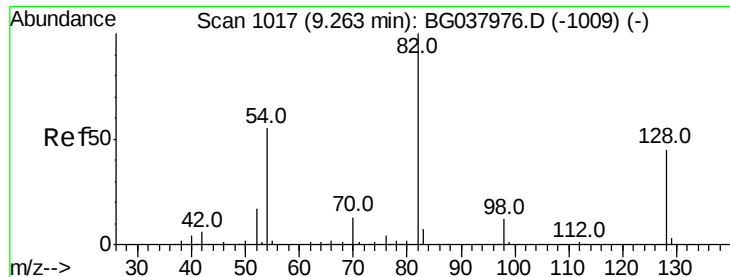
54 10.8 7.9 11.9

68 6.6 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: 92.901 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB115087BL

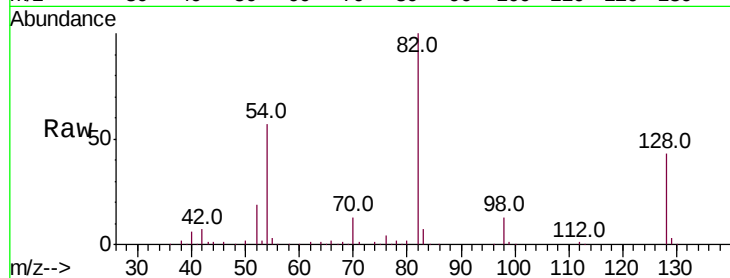
Tot Ion: 82 Resp: 326834

Ion Ratio Lower Upper

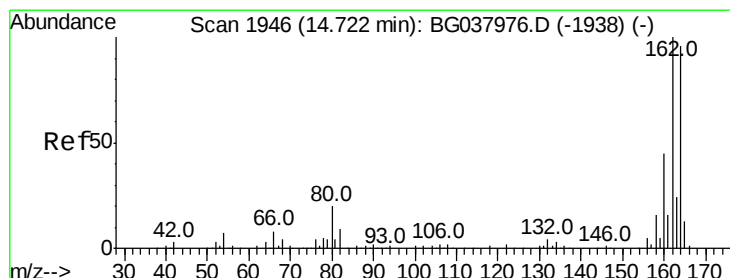
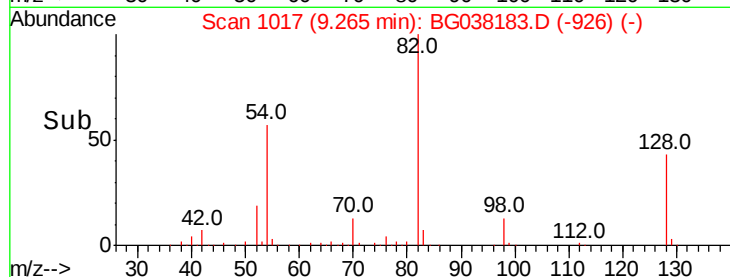
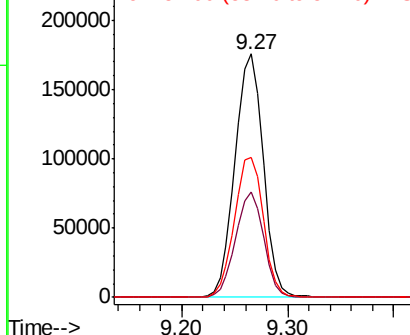
82 100

128 43.0 34.6 51.8

54 57.3 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: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

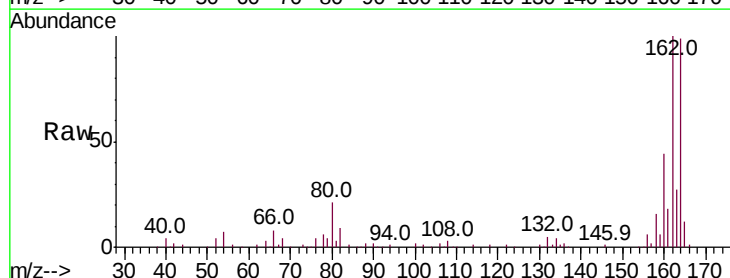
Tgt Ion:164 Resp: 120361

Ion Ratio Lower Upper

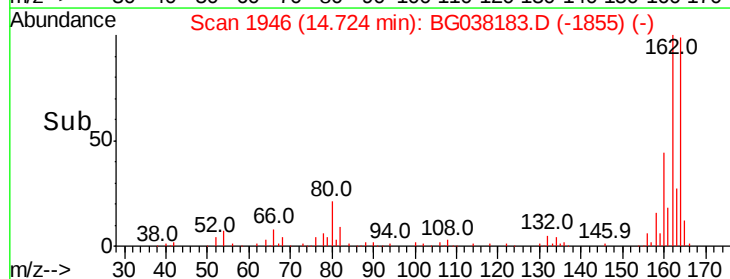
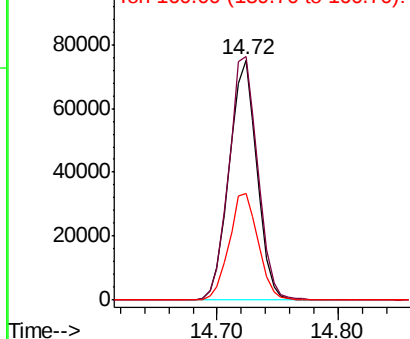
164 100

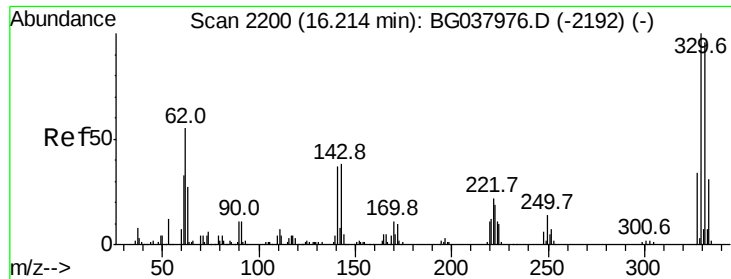
162 101.4 81.3 121.9

160 44.2 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

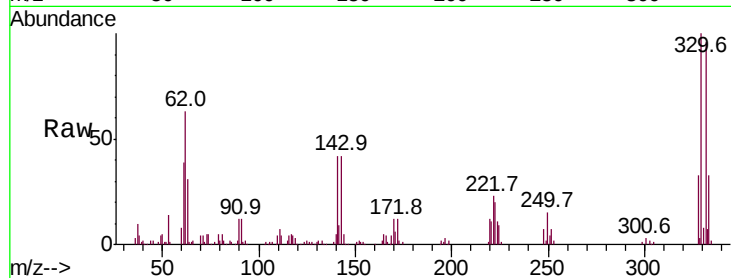




#42
 2,4,6-Tribromophenol
 Concen: 115.531 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115087BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	41.0	32.2	48.2

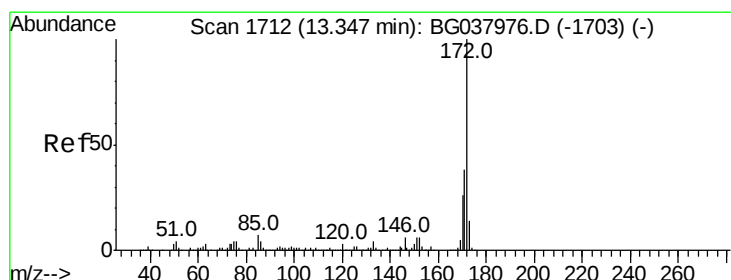
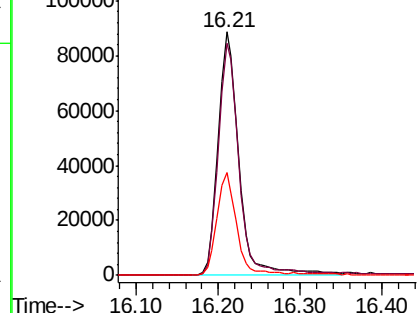
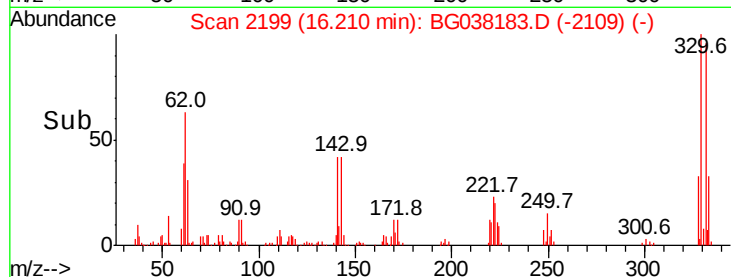


Abundance

Ion 329.80 (329.50 to 330.50): E

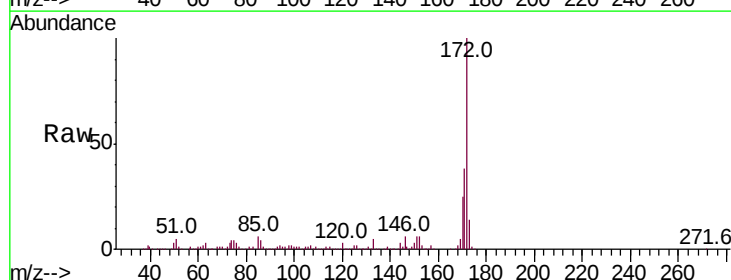
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.911 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.6	20.2	30.2

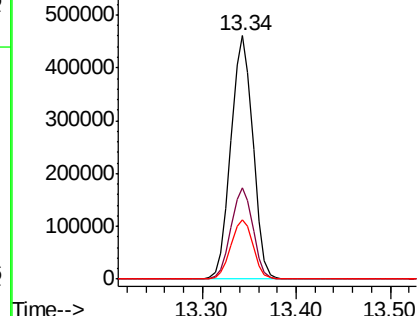
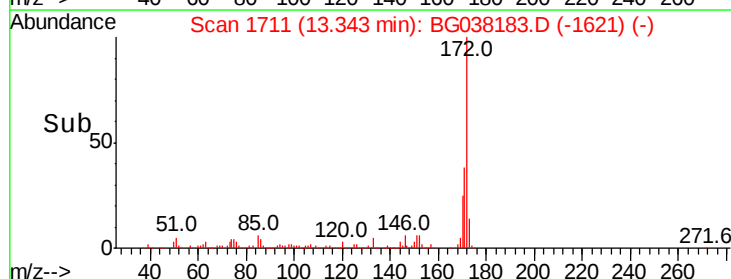


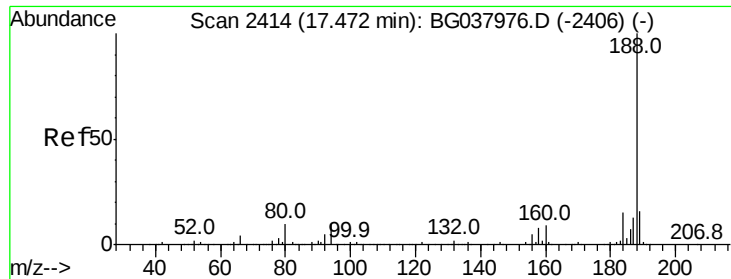
Abundance

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

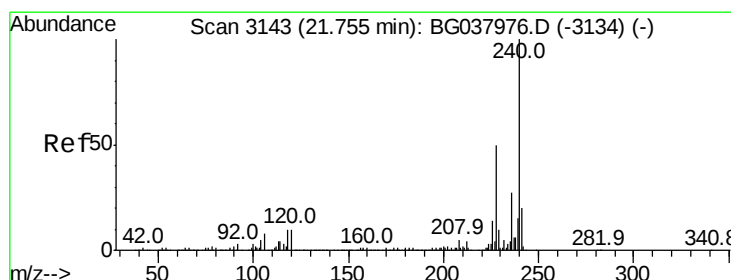
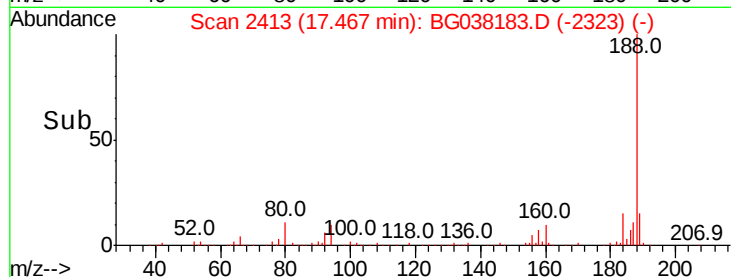
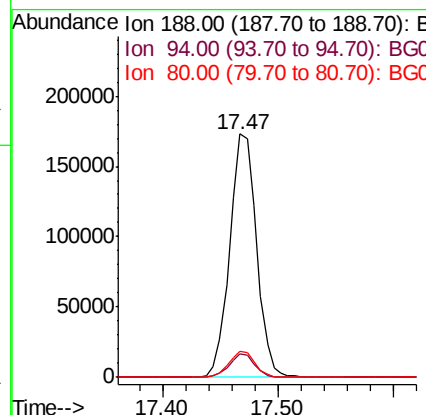
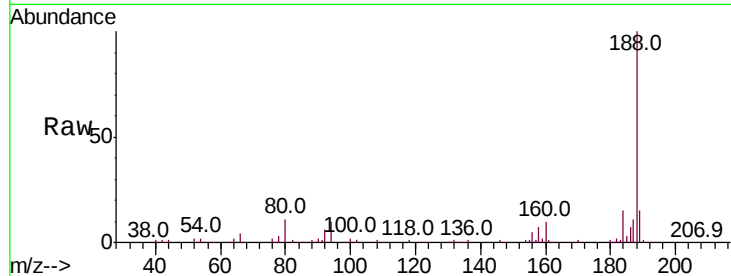




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038183.D
Acq: 28 Nov 2018 1:33

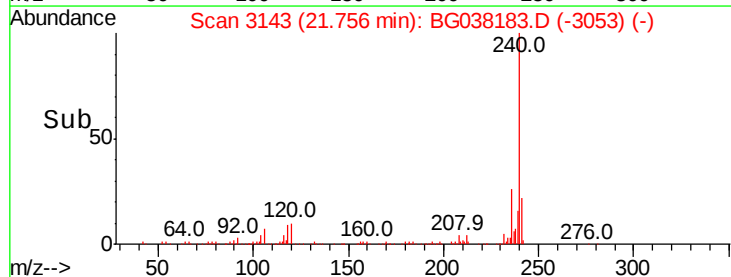
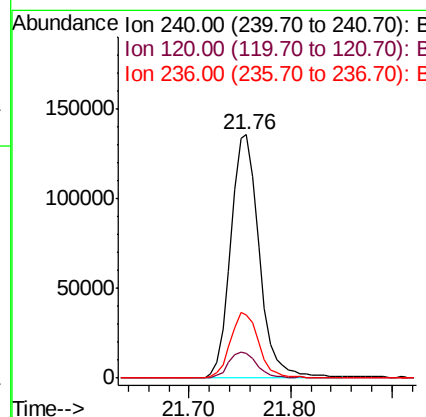
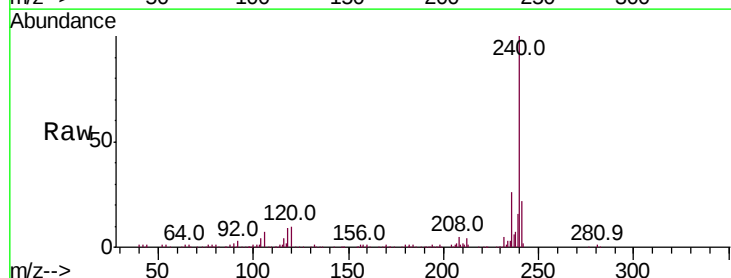
Instrument :
BNA_G
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PB115087BL

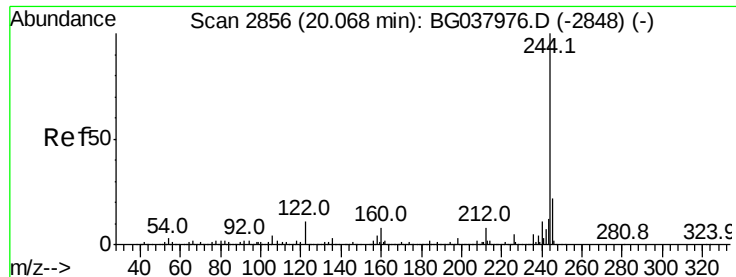
Tot Ion:188 Resp: 278774
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG038183.D
Acq: 28 Nov 2018 1:33

Tgt Ion:240 Resp: 266183
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 26.0 21.4 32.0





#79

Terphenyl-d14

Concen: 103.296 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

Instrument :

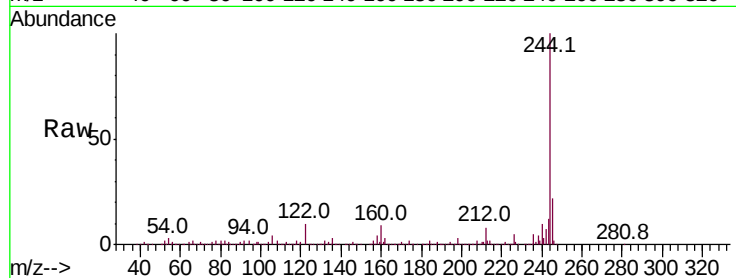
BNA_G

ClientSampled :

PB115087BL

Tot Ion:244 Resp: 1168529

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.3	9.0	13.4

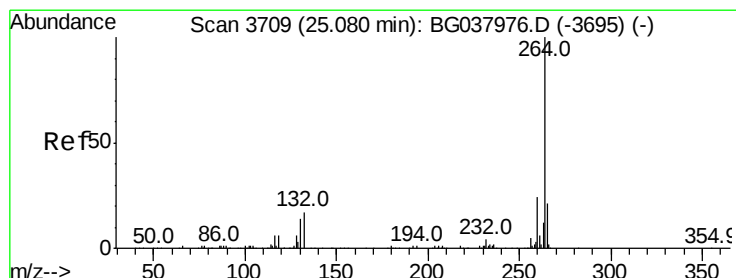
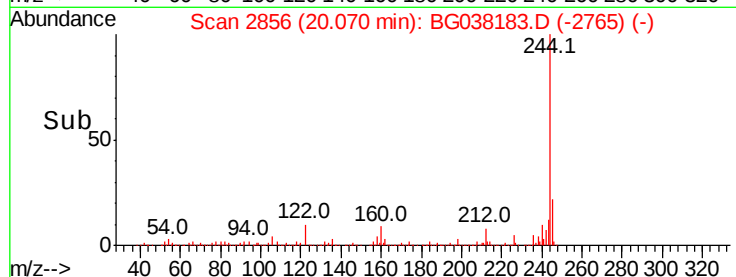
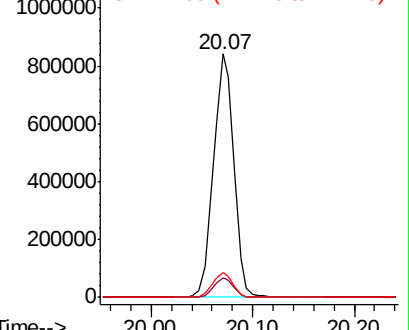


Abundance

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: 25.08 min Scan# 3709

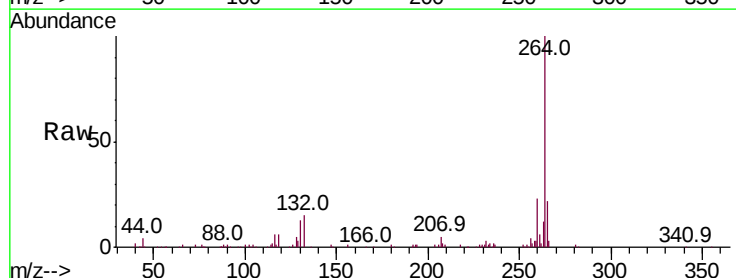
Delta R.T. 0.00 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

Tgt Ion:264 Resp: 236467

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.9	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

