

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038232.D
 Acq On : 29 Nov 2018 13:06
 Operator : JU/SJ
 Sample : PB115120BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115120BL

Quant Time: Nov 29 13:51:19 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	33058	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	148690	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	96471	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	217765	20.00	ng	0.00
76) Chrysene-d12	21.75	240	211843	20.00	ng	0.00
87) Perylene-d12	25.07	264	186880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	149660	78.16	ng	0.00
7) Phenol-d6	7.23	99	210828	77.14	ng	0.00
23) Nitrobenzene-d5	9.26	82	191369	68.90	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	56180	51.06	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	456633	68.96	ng	0.00
79) Terphenyl-d14	20.07	244	688546	76.48	ng	0.00

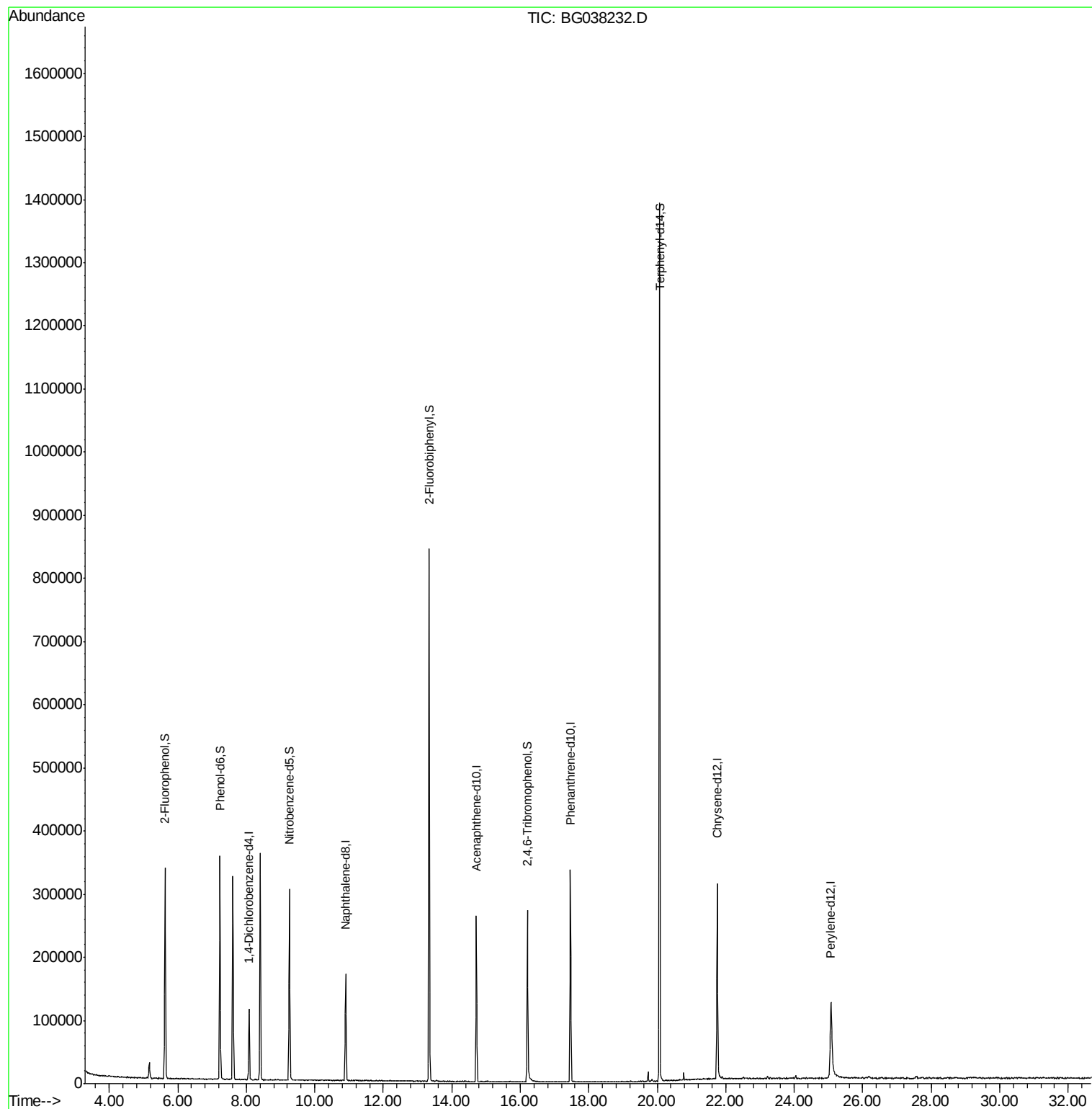
Target Compounds Qvalue

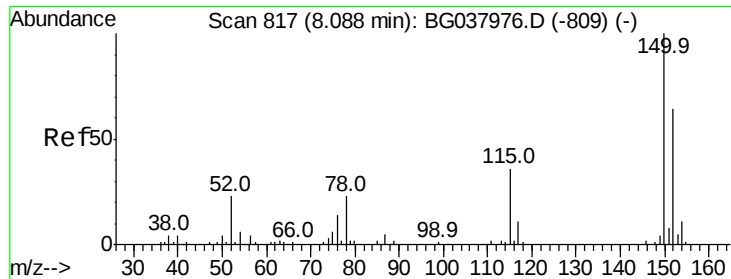
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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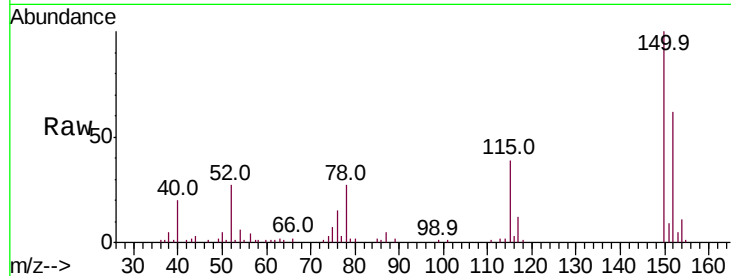


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038232.D
 Acq: 29 Nov 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 PB115120BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.0	189.0
115	62.0	45.5	68.3

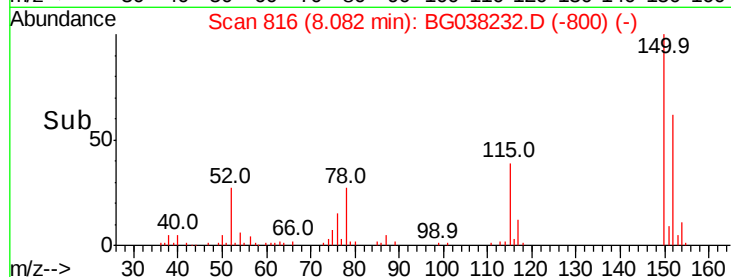
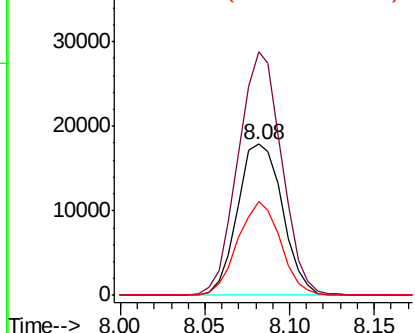


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

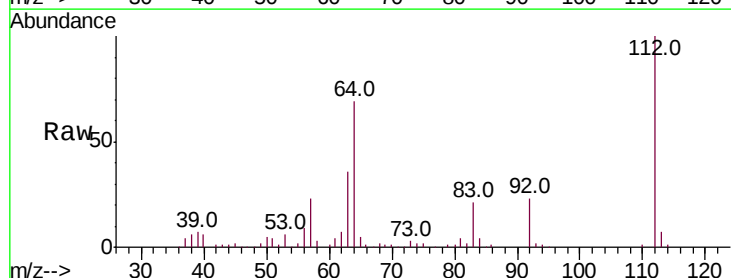
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 78.165 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038232.D
 Acq: 29 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.1	79.7
63	35.6	27.3	40.9

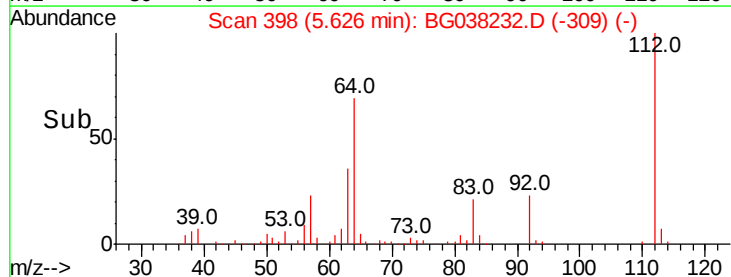
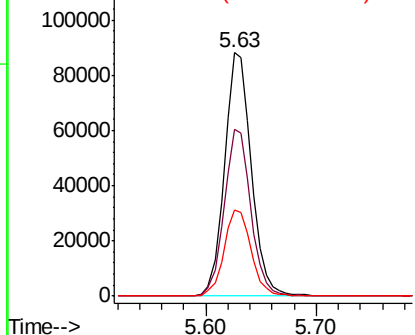


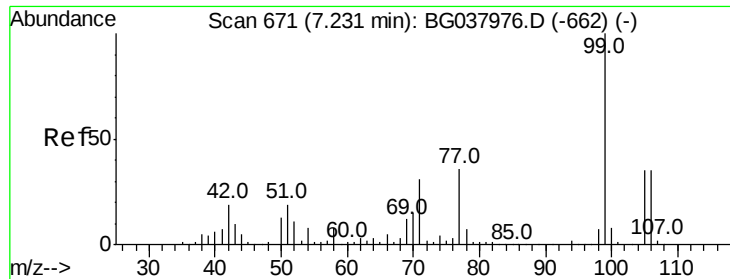
Abundance

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: 77.139 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038232.D

Acq: 29 Nov 2018 13:06

Instrument :

BNA_G

ClientSampleId :

PB115120BL

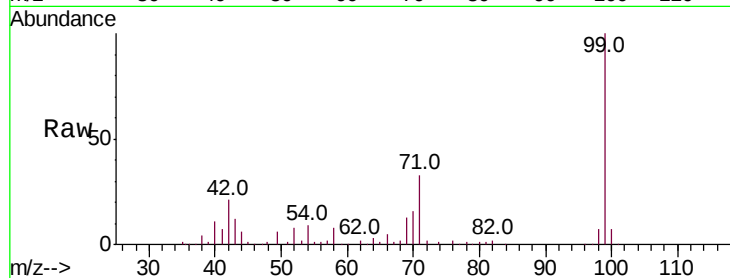
Tot Ion: 99 Resp: 210828

Ion Ratio Lower Upper

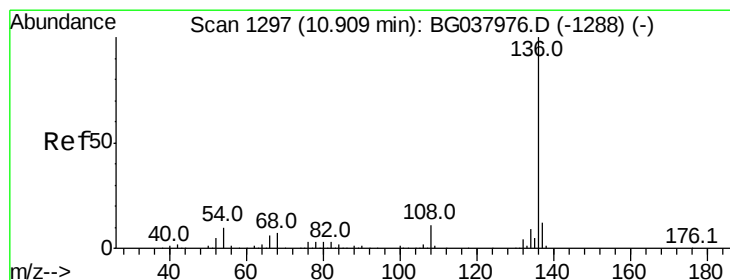
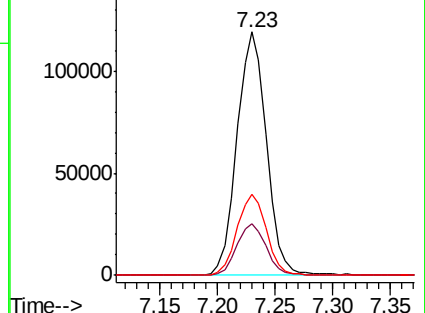
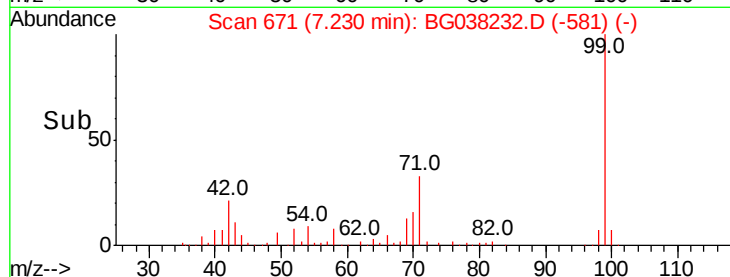
99 100

42 21.3 15.0 22.4

71 33.1 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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038232.D

Acq: 29 Nov 2018 13:06

Tgt Ion: 136 Resp: 148690

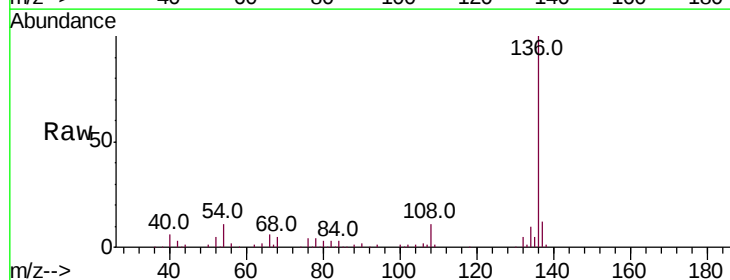
Ion Ratio Lower Upper

136 100

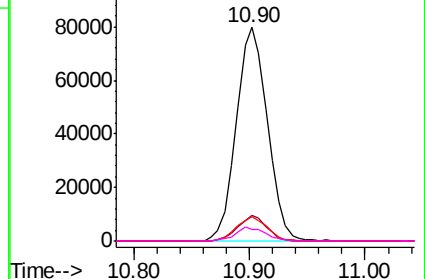
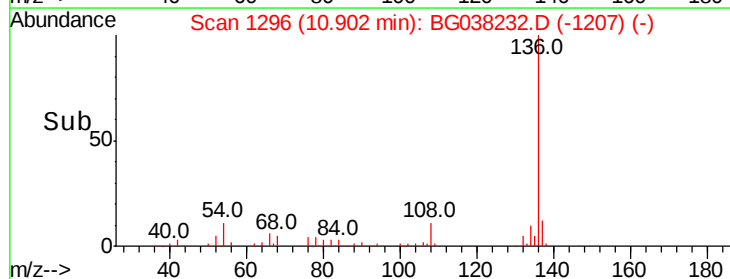
137 11.8 9.6 14.4

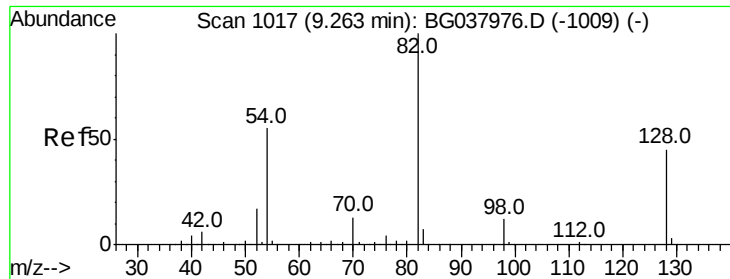
54 11.2 7.9 11.9

68 5.5 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: 68.895 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG038232.D

Acq: 29 Nov 2018 13:06

Instrument :

BNA_G

ClientSampleId :

PB115120BL

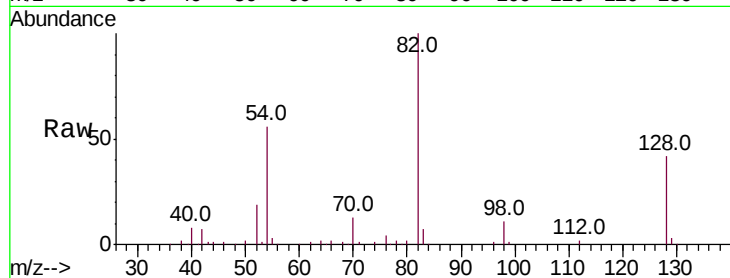
Tot Ion: 82 Resp: 191369

Ion Ratio Lower Upper

82 100

128 41.8 34.6 51.8

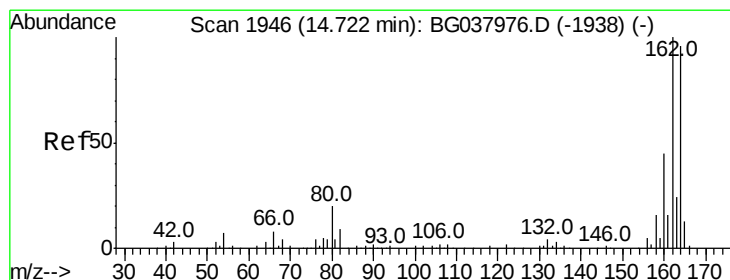
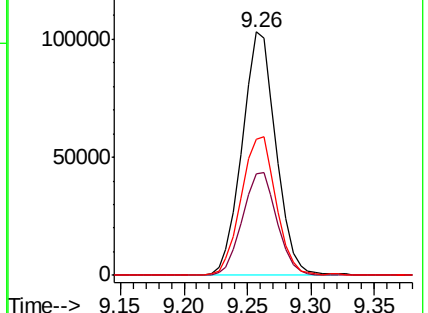
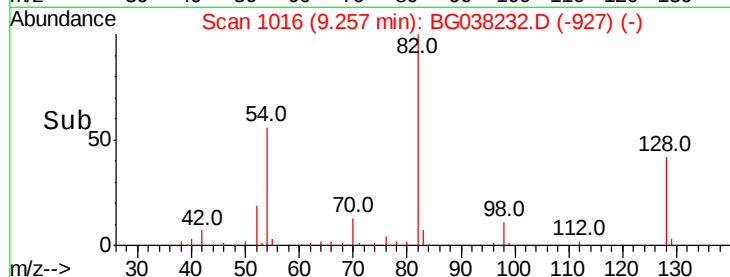
54 56.1 45.3 67.9



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: 14.71 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038232.D

Acq: 29 Nov 2018 13:06

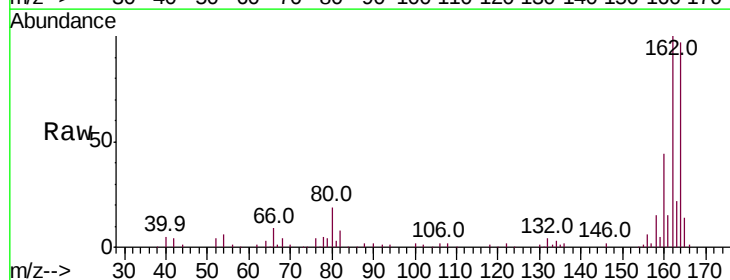
Tgt Ion:164 Resp: 96471

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

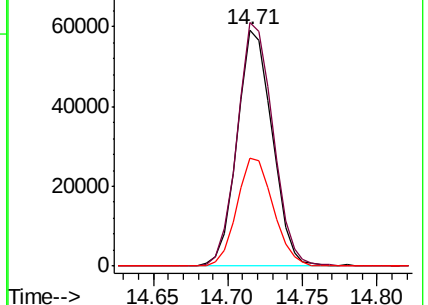
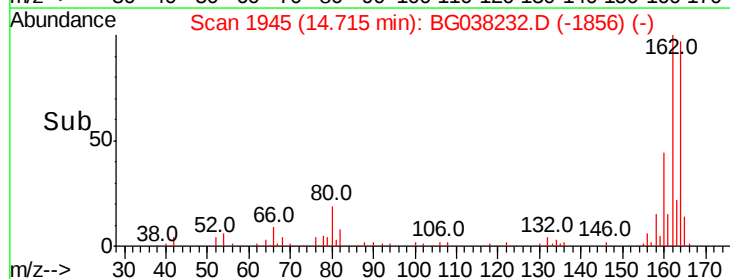
160 45.9 36.3 54.5



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

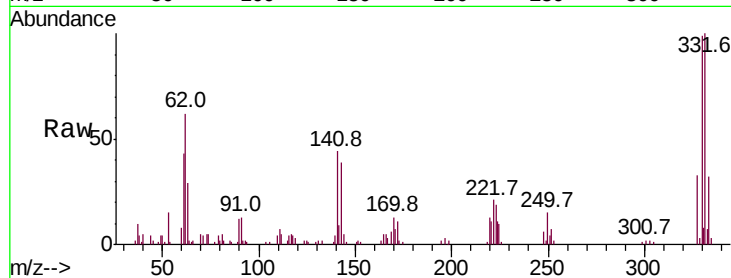




#42
 2,4,6-Tribromophenol
 Concen: 51.062 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038232.D
 Acq: 29 Nov 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 PB115120BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	78.4	117.6
141	43.0	32.2	48.2

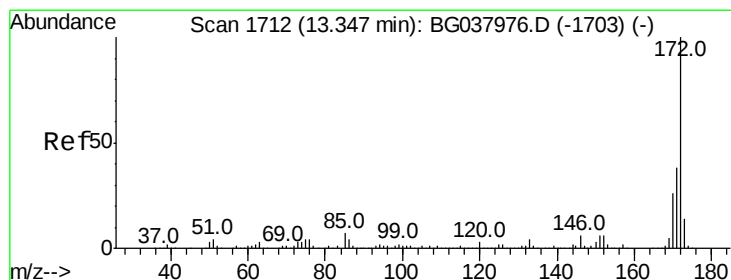
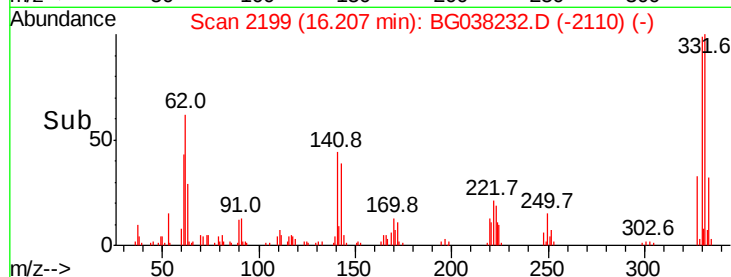
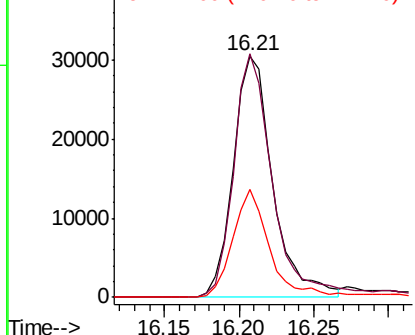


Abundance

Ion 329.80 (329.50 to 330.50): E

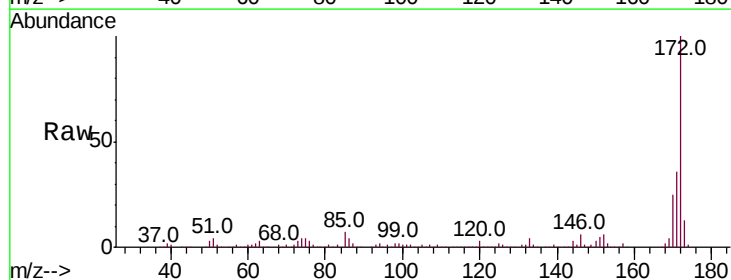
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.958 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038232.D
 Acq: 29 Nov 2018 13:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.0	46.4
170	25.1	20.2	30.2

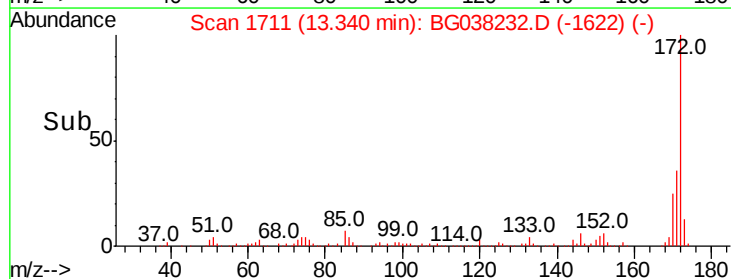
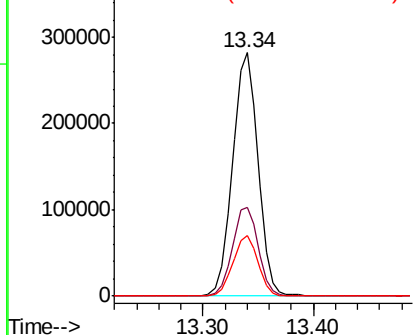


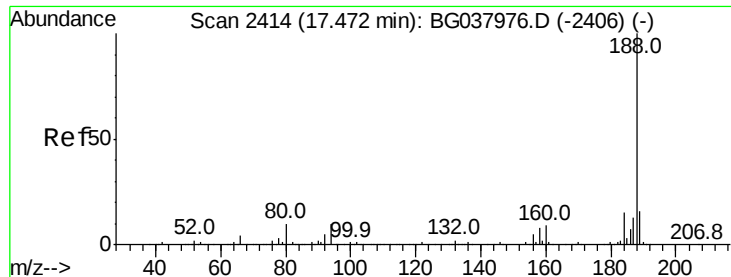
Abundance

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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038232.D

Acq: 29 Nov 2018 13:06

Instrument :

BNA_G

ClientSampleId :

PB115120BL

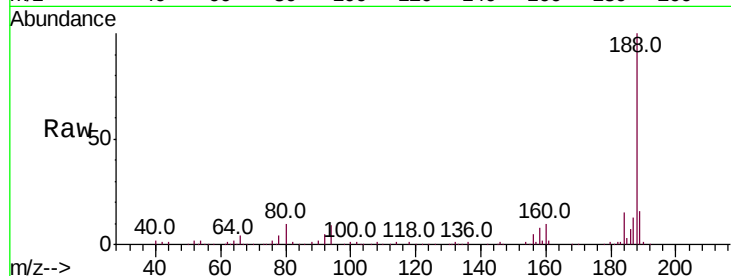
Tot Ion:188 Resp: 217765

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

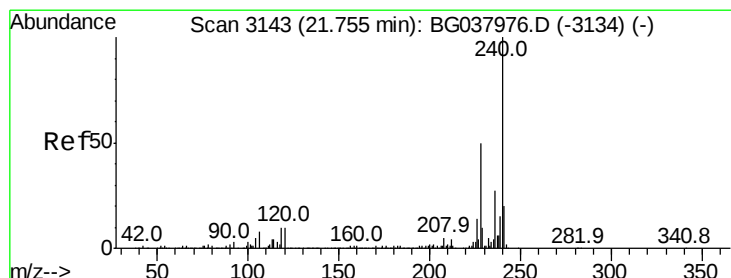
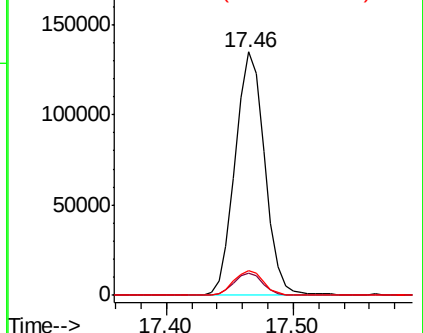
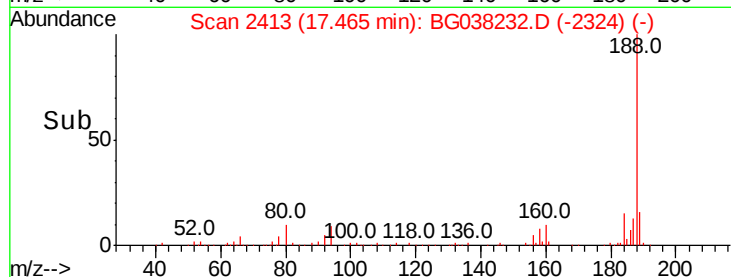
80 10.1 7.7 11.5



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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038232.D

Acq: 29 Nov 2018 13:06

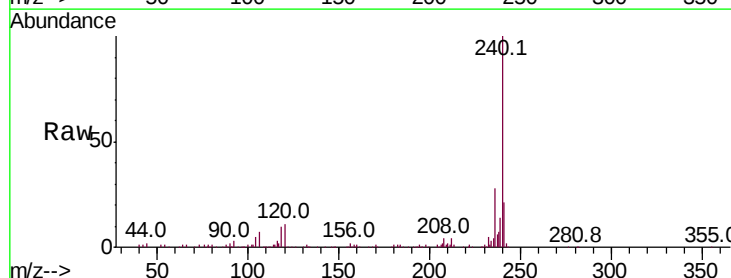
Tgt Ion:240 Resp: 211843

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

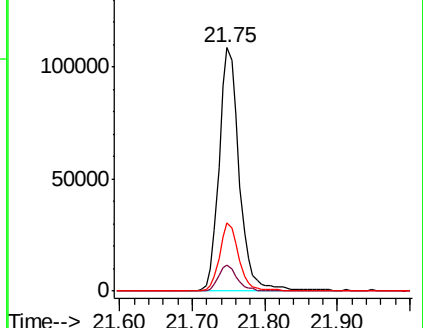
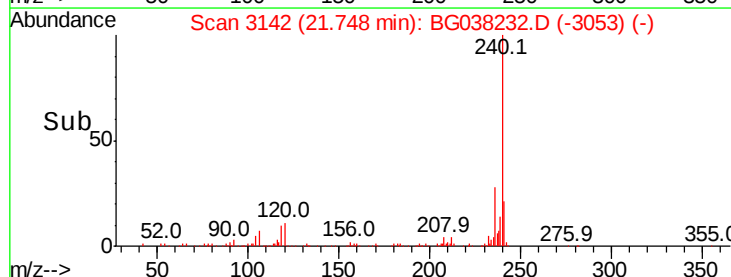
236 28.0 21.4 32.0



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: 76.479 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038232.D

Acq: 29 Nov 2018 13:06

Instrument :

BNA_G

ClientSampleId :

PB115120BL

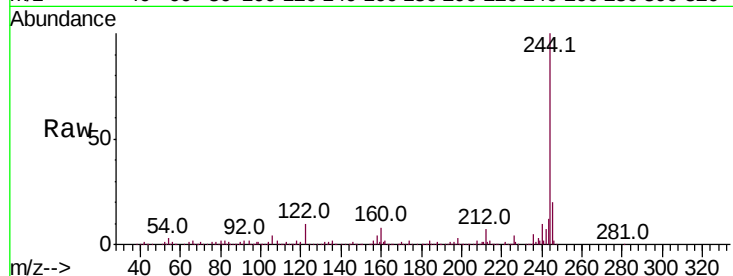
Tot Ion:244 Resp: 688546

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	9.5	9.0	13.4

244 100

212 7.5 6.5 9.7

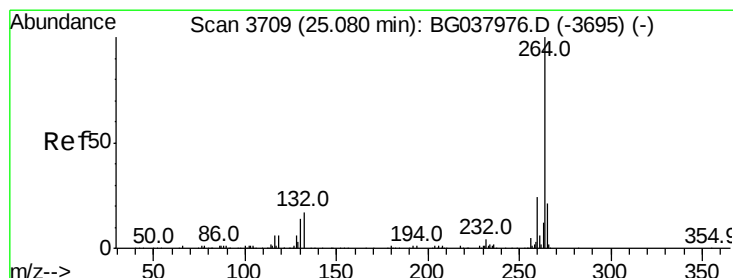
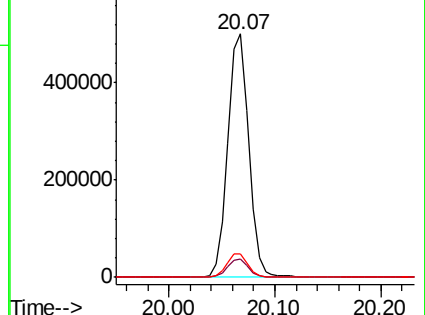
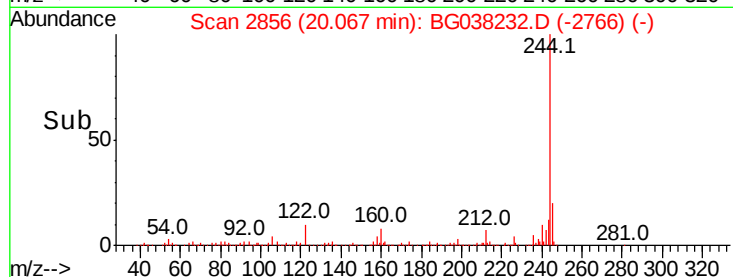
122 9.5 9.0 13.4



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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038232.D

Acq: 29 Nov 2018 13:06

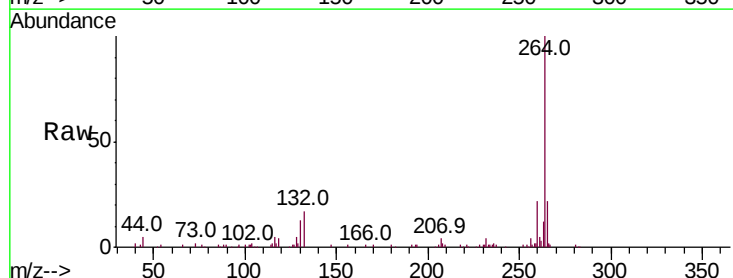
Tgt Ion:264 Resp: 186880

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	21.8	17.9	26.9

264 100

260 21.9 18.2 27.4

265 21.8 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

