

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038049.D
 Acq On : 17 Nov 2018 1:14
 Operator : JU/SJ
 Sample : PB114891BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BL

Quant Time: Nov 17 04:12:47 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	8.09	152	42867	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	180314	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113896	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	272305	20.00	ng	0.00
76) Chrysene-d12	21.75	240	267849	20.00	ng	0.00
87) Perylene-d12	25.07	264	268098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	307074	123.68	ng	0.00
7) Phenol-d6	7.23	99	424615	119.81	ng	0.00
23) Nitrobenzene-d5	9.26	82	258110	76.63	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	139959	107.75	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	607128	77.66	ng	0.00
79) Terphenyl-d14	20.07	244	953830	83.79	ng	0.00

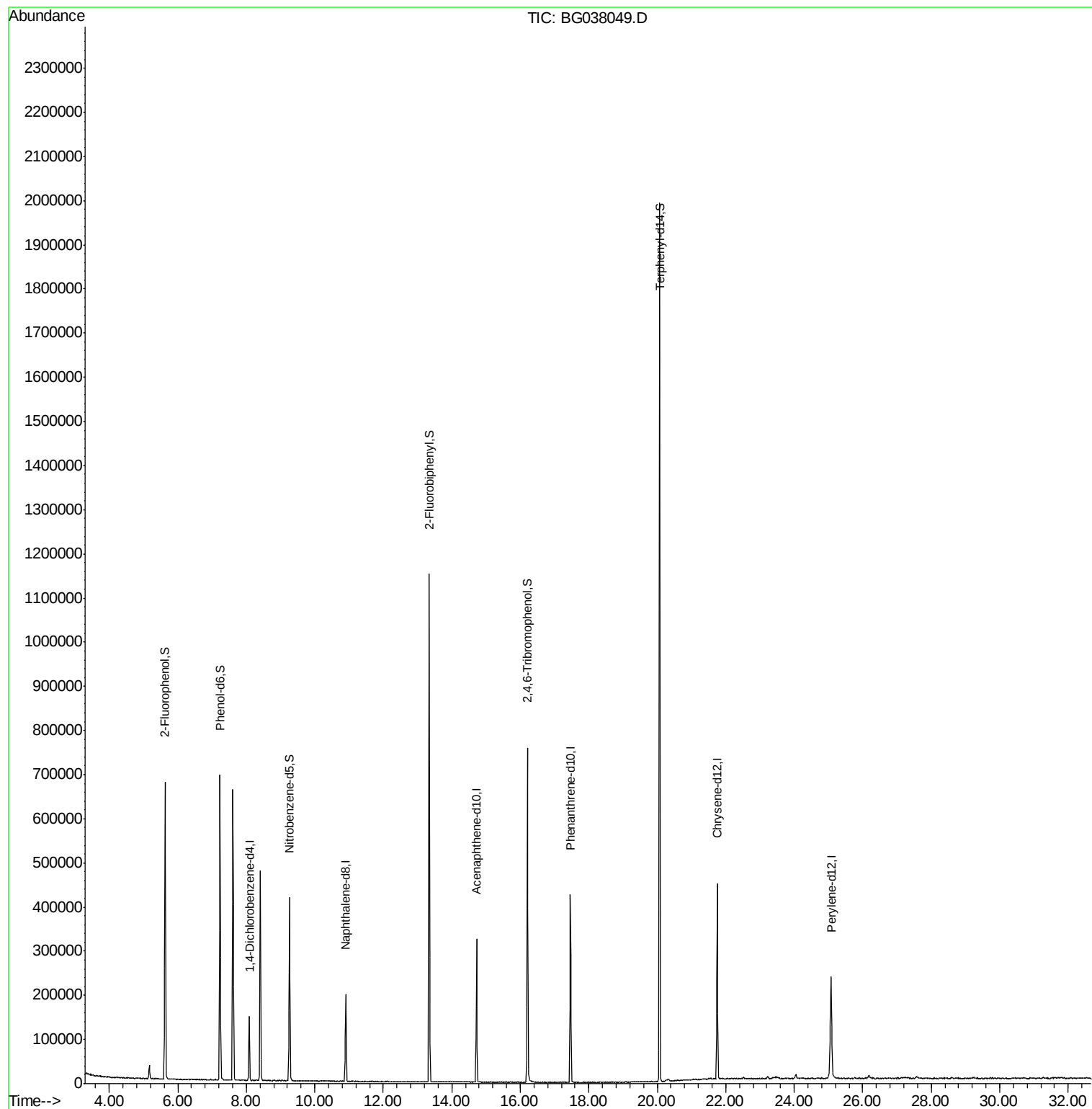
Target Compounds Qvalue

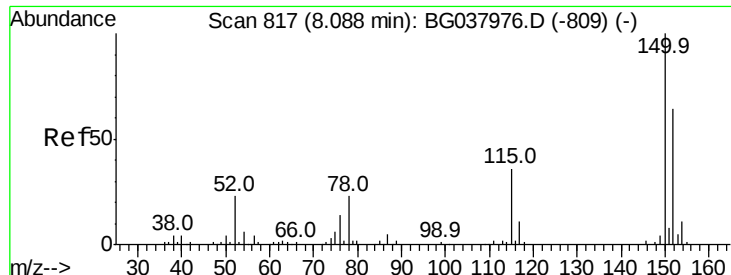
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038049.D
Acq On : 17 Nov 2018 1:14
Operator : JU/SJ
Sample : PB114891BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114891BL

Quant Time: Nov 17 04:12:47 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



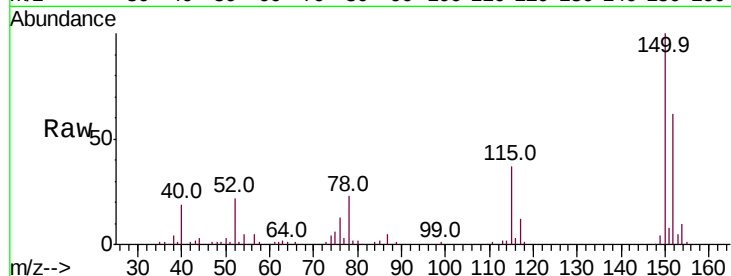


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BG038049.D
 Acq: 17 Nov 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.0	189.0
115	60.6	45.5	68.3

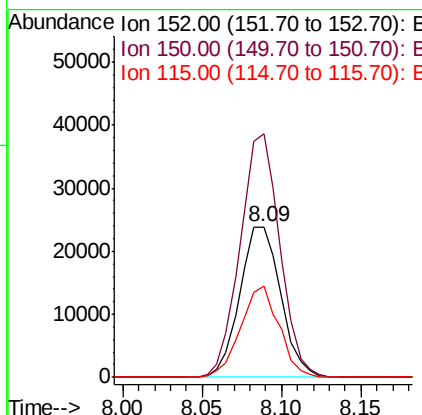
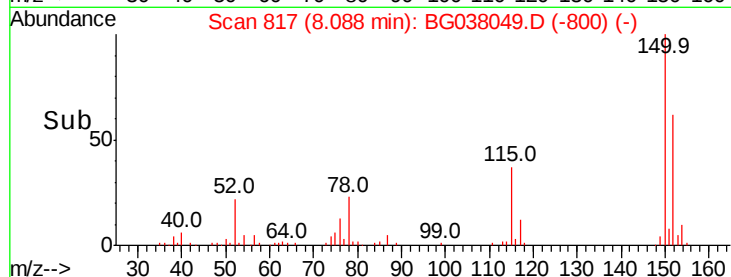


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

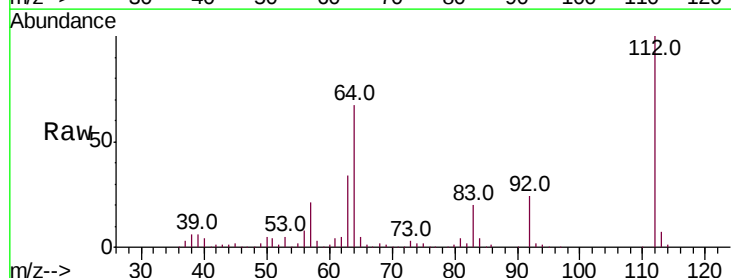
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 123.681 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038049.D
 Acq: 17 Nov 2018 1:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.1	79.7
63	33.6	27.3	40.9

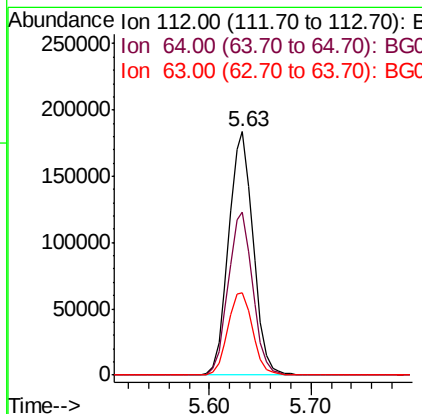
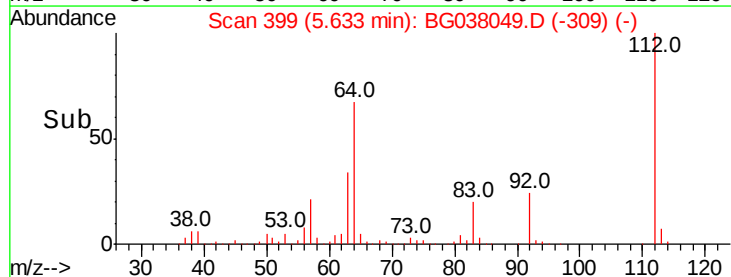


Abundance

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: 119.811 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038049.D

Acq: 17 Nov 2018 1:14

Instrument :

BNA_G

ClientSampleId :

PB114891BL

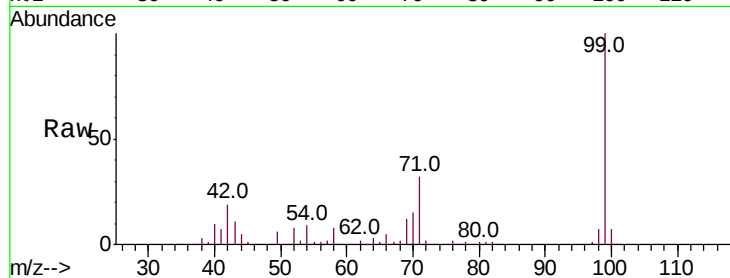
Tot Ion: 99 Resp: 424615

Ion Ratio Lower Upper

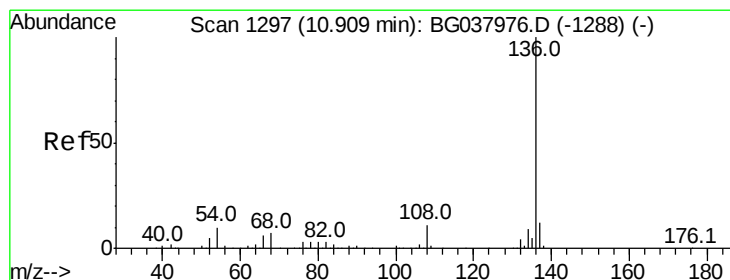
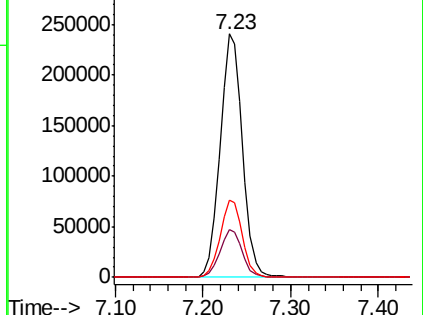
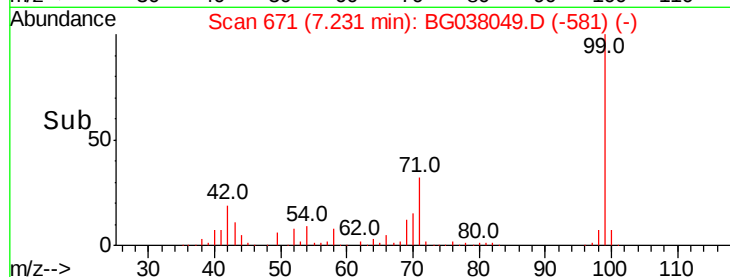
99 100

42 19.5 15.0 22.4

71 31.6 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: 10.91 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG038049.D

Acq: 17 Nov 2018 1:14

Tgt Ion: 136 Resp: 180314

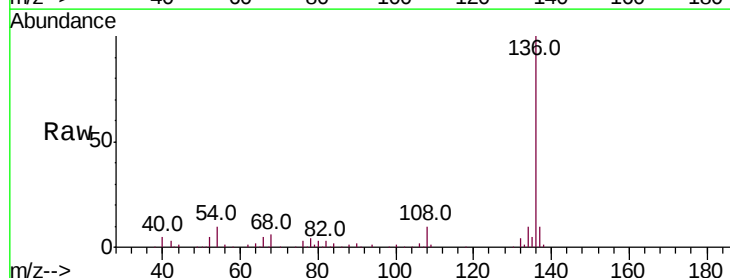
Ion Ratio Lower Upper

136 100

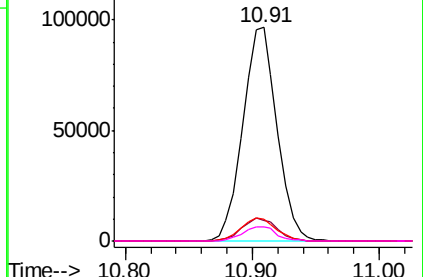
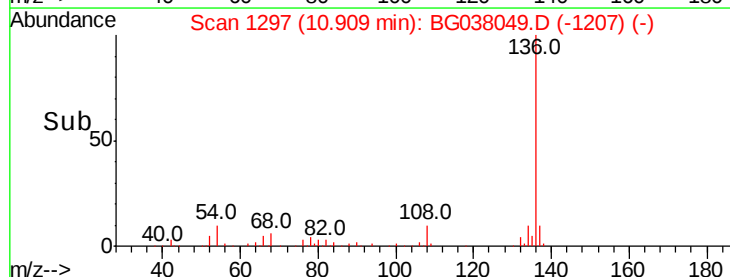
137 9.9 9.6 14.4

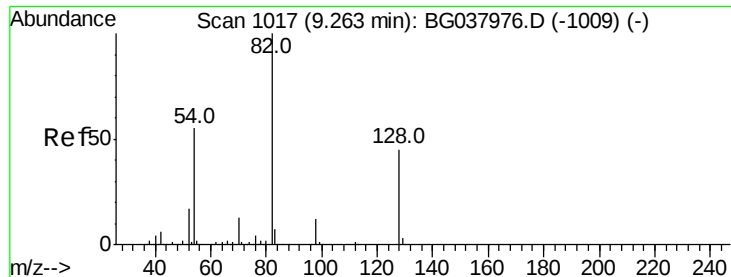
54 10.3 7.9 11.9

68 6.4 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

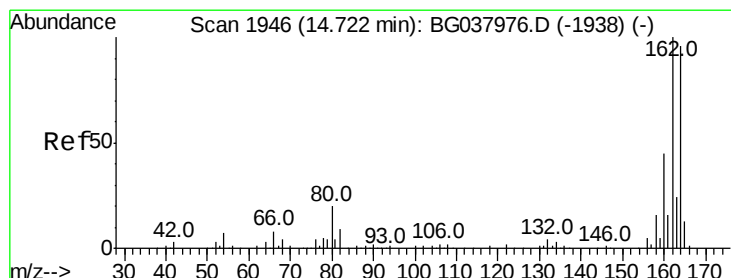
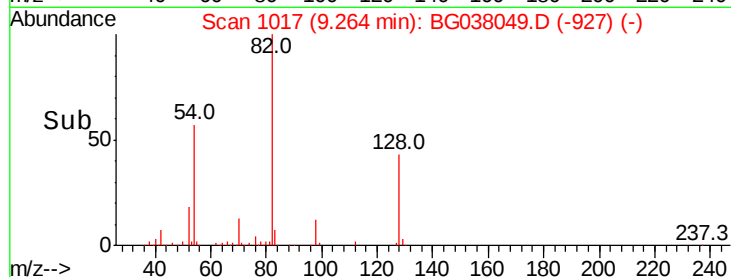
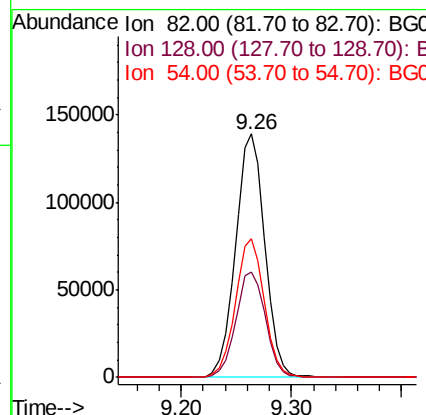
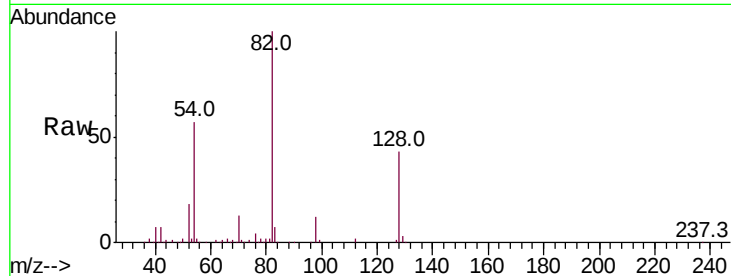




#23
Nitrobenzene-d5
Concen: 76.626 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038049.D
Acq: 17 Nov 2018 1:14

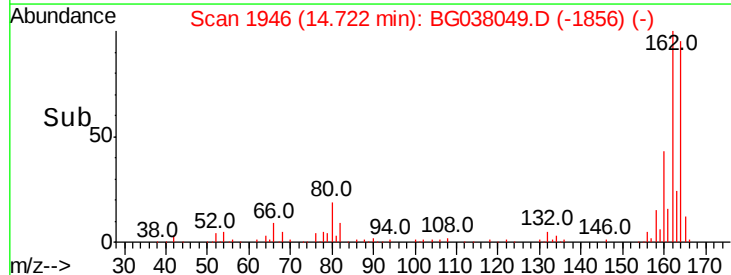
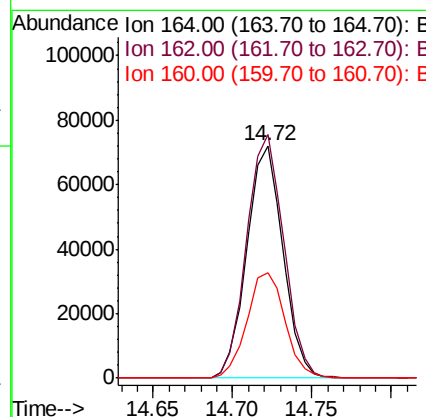
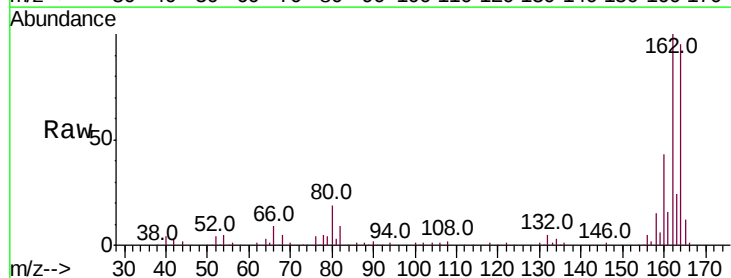
Instrument :
BNA_G
ClientSampleId :
PB114891BL

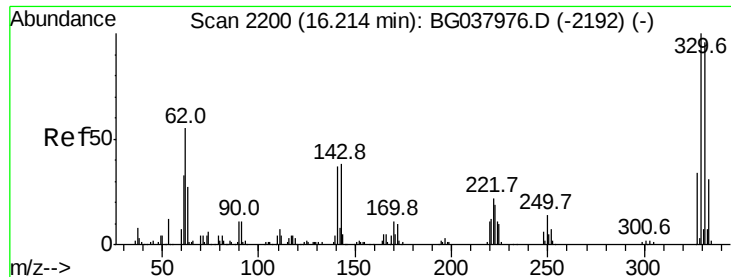
Tot Ion: 82 Resp: 258110
Ion Ratio Lower Upper
82 100
128 43.3 34.6 51.8
54 57.1 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038049.D
Acq: 17 Nov 2018 1:14

Tgt Ion: 164 Resp: 113896
Ion Ratio Lower Upper
164 100
162 104.9 81.3 121.9
160 45.3 36.3 54.5

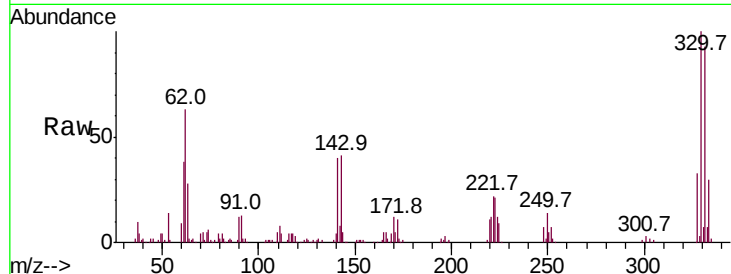




#42
 2,4,6-Tribromophenol
 Concen: 107.747 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038049.D
 Acq: 17 Nov 2018 1:14

Instrument :
 BNA_G
 ClientSampleId :
 PB114891BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	40.7	32.2	48.2

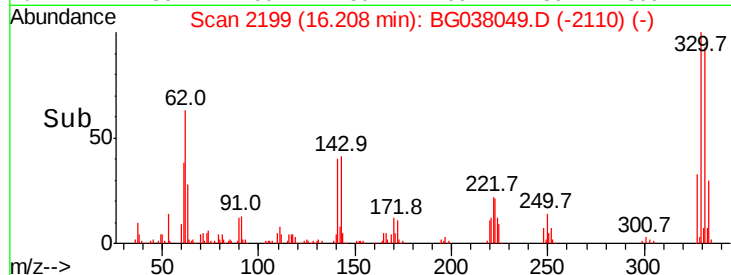
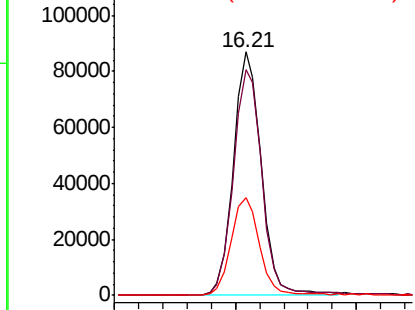


Abundance

Ion 329.80 (329.50 to 330.50): E

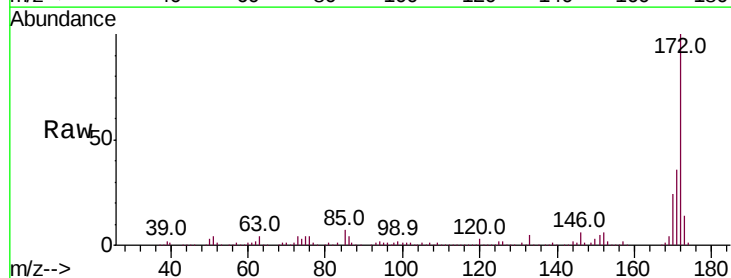
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.658 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038049.D
 Acq: 17 Nov 2018 1:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.0	46.4
170	24.5	20.2	30.2

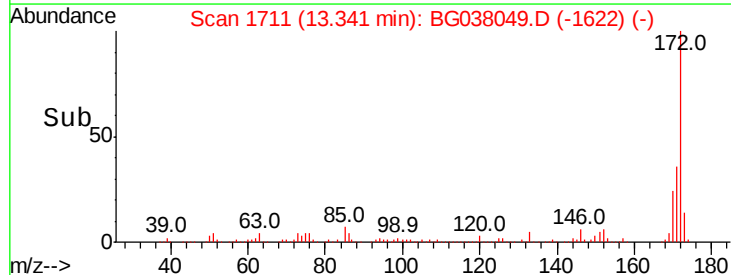
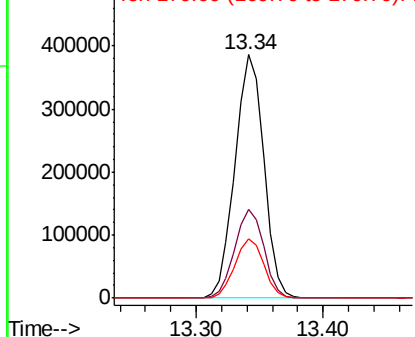


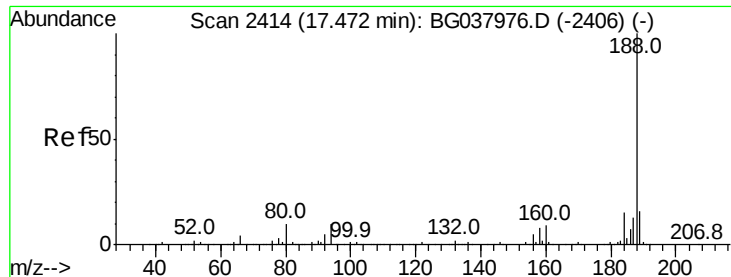
Abundance

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. -0.01 min

Lab File: BG038049.D

Acq: 17 Nov 2018 1:14

Instrument :

BNA_G

ClientSampleId :

PB114891BL

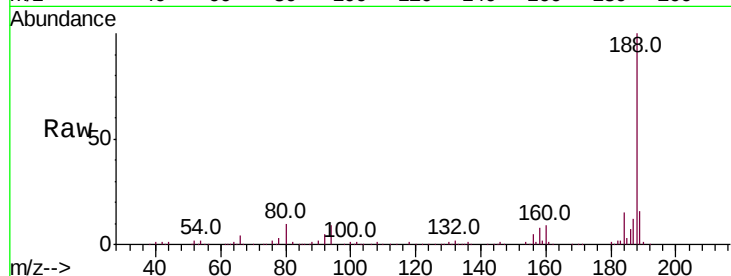
Tot Ion:188 Resp: 272305

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

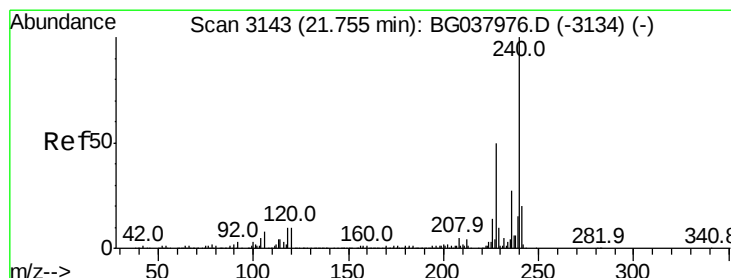
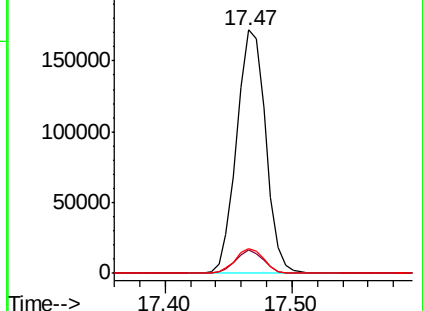
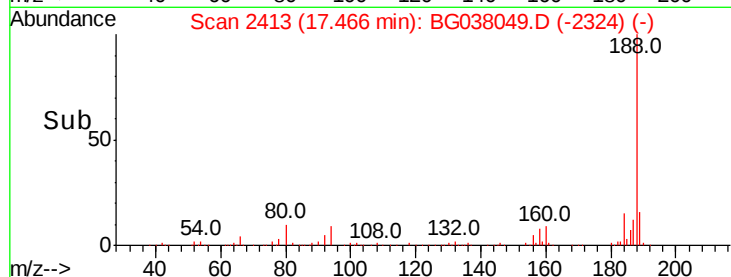
80 9.9 7.7 11.5



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: BG038049.D

Acq: 17 Nov 2018 1:14

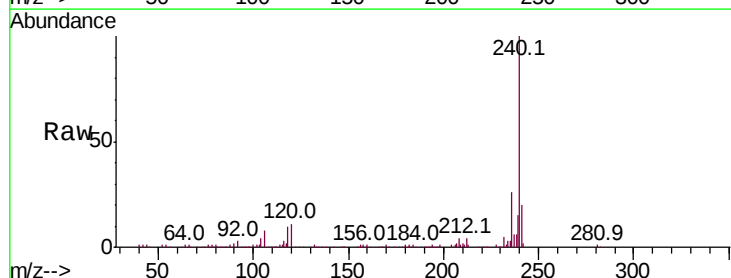
Tgt Ion:240 Resp: 267849

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

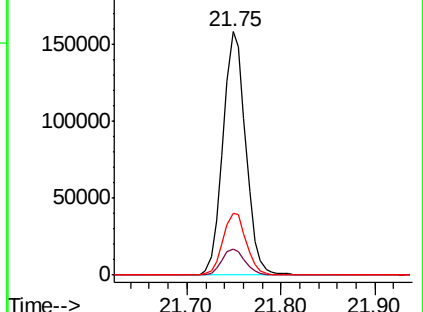
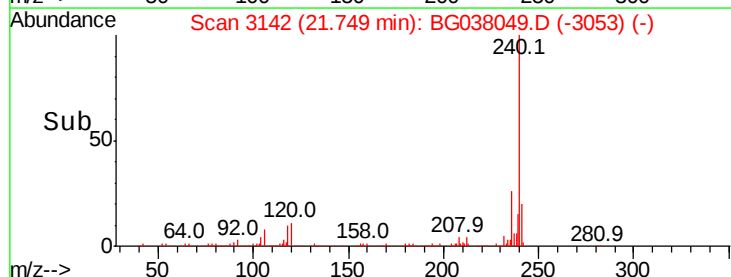
236 25.7 21.4 32.0



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: 83.792 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038049.D

Acq: 17 Nov 2018 1:14

Instrument :

BNA_G

ClientSampleId :

PB114891BL

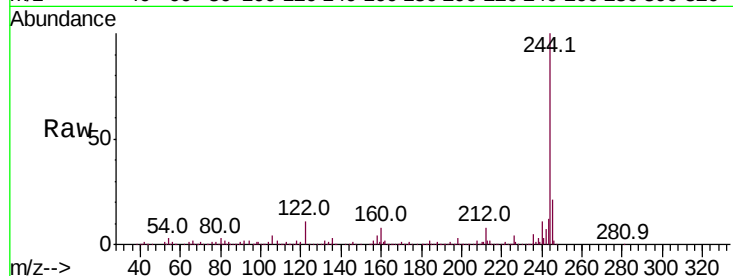
Tot Ion:244 Resp: 953830

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

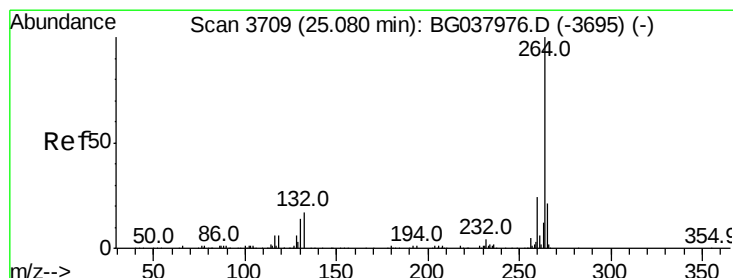
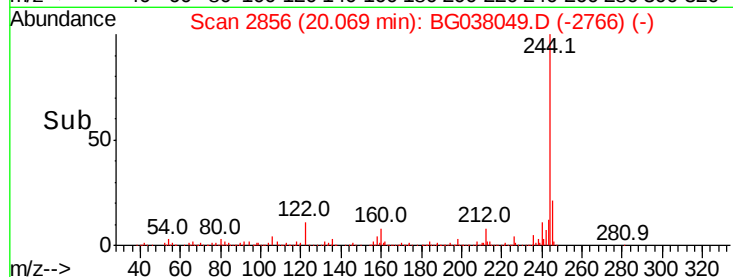
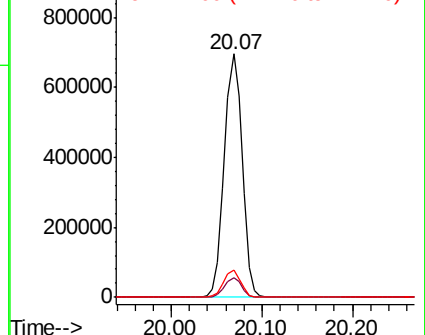
122 11.3 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038049.D

Acq: 17 Nov 2018 1:14

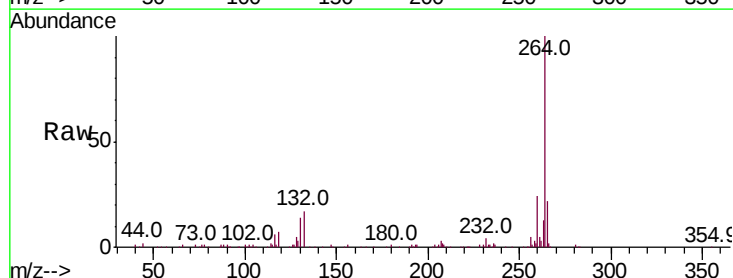
Tgt Ion:264 Resp: 268098

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 22.2 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

