

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038205.D
 Acq On : 28 Nov 2018 18:34
 Operator : JU/SJ
 Sample : PB115117BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BL

Quant Time: Nov 29 04:40:01 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	35278	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	158002	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	103490	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	237258	20.00	ng	0.00
76) Chrysene-d12	21.75	240	234165	20.00	ng	0.00
87) Perylene-d12	25.08	264	200995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	210196	102.87	ng	0.00
7) Phenol-d6	7.23	99	301357	103.32	ng	0.00
23) Nitrobenzene-d5	9.26	82	187422	63.50	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	92119	78.05	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	444079	62.51	ng	0.00
79) Terphenyl-d14	20.07	244	692788	69.61	ng	0.00

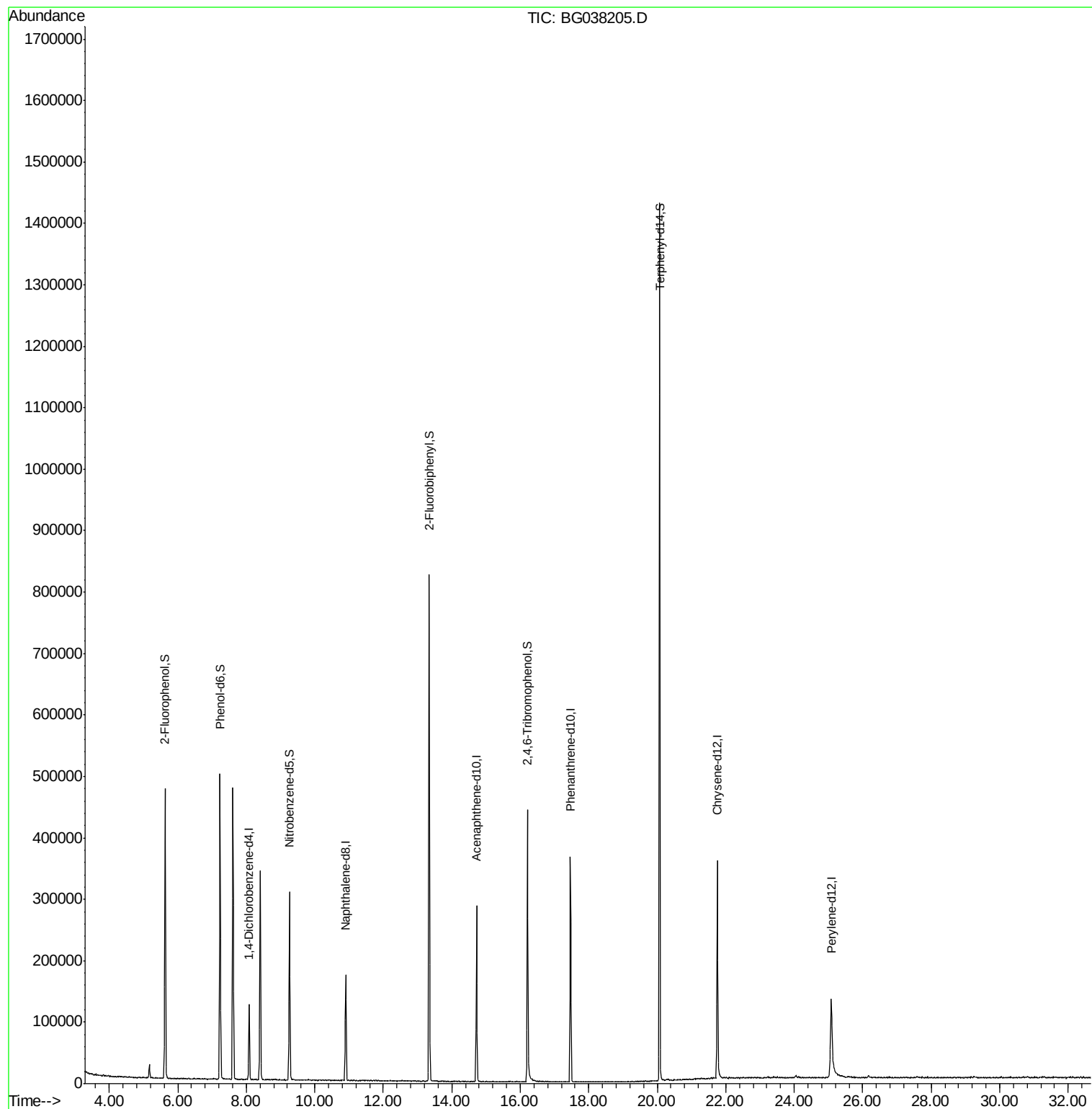
Target Compounds Qvalue

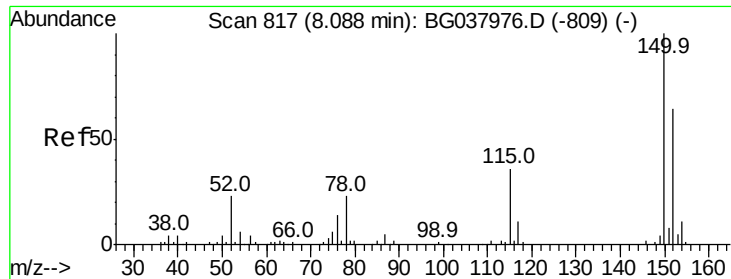
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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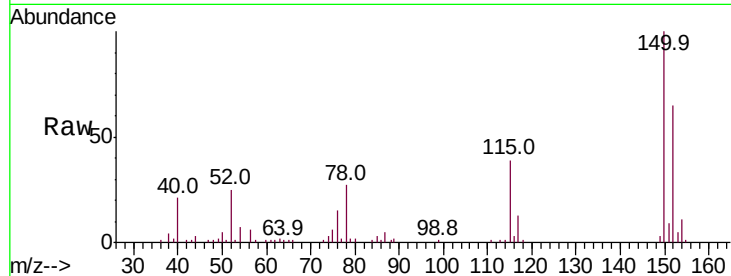


#1

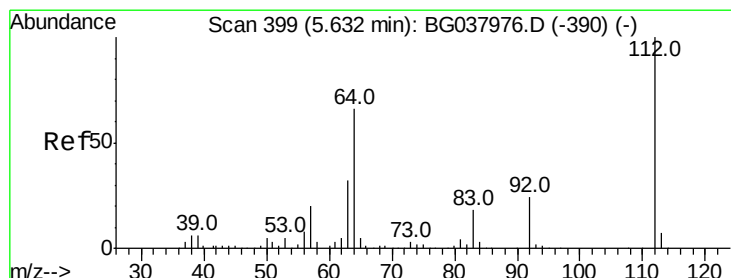
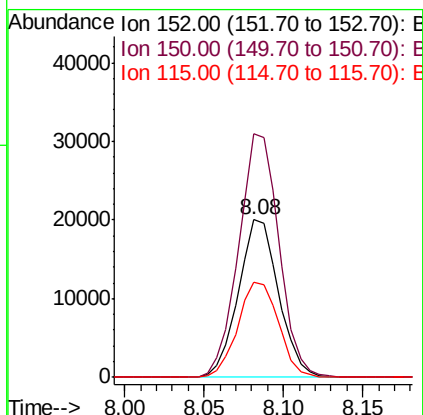
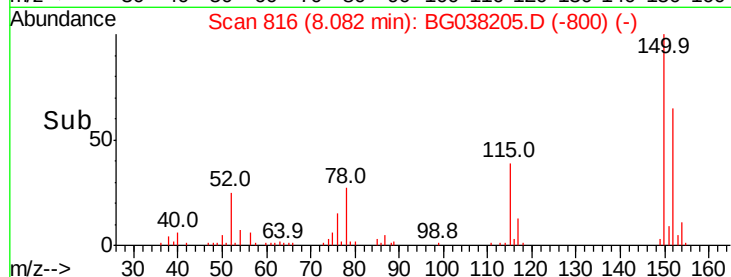
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038205.D
Acq: 28 Nov 2018 18:34

Instrument :
BNA_G
ClientSampleId :
PB115117BL

Tot Ion:152 Resp: 35278
Ion Ratio Lower Upper
152 100
150 154.7 126.0 189.0
115 60.4 45.5 68.3



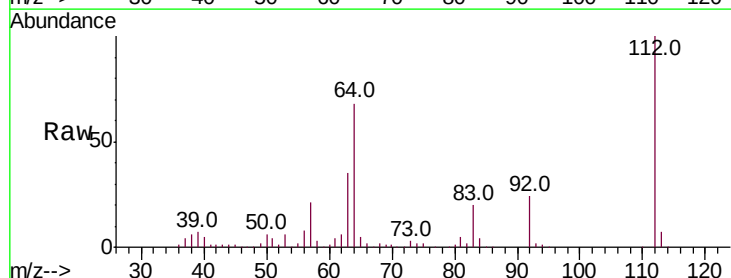
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



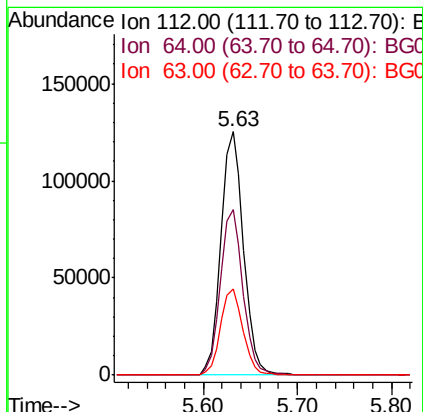
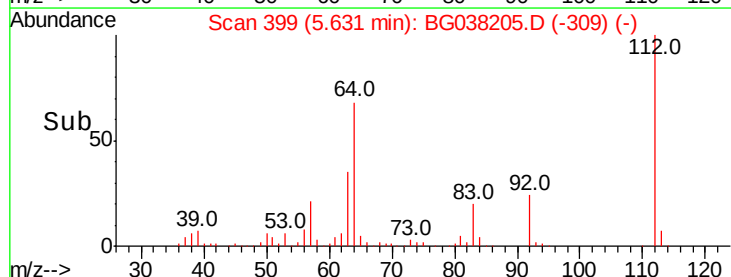
#5

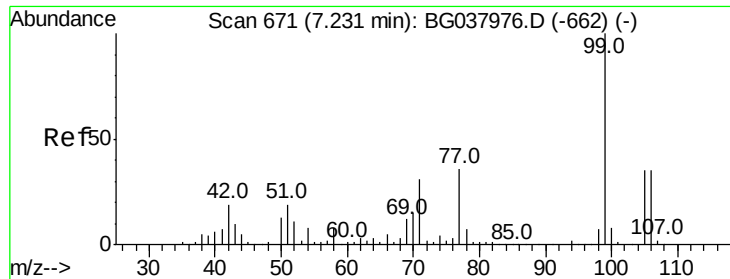
2-Fluorophenol
Concen: 102.873 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038205.D
Acq: 28 Nov 2018 18:34

Tgt Ion:112 Resp: 210196
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 35.5 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: 103.324 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PB115117BL

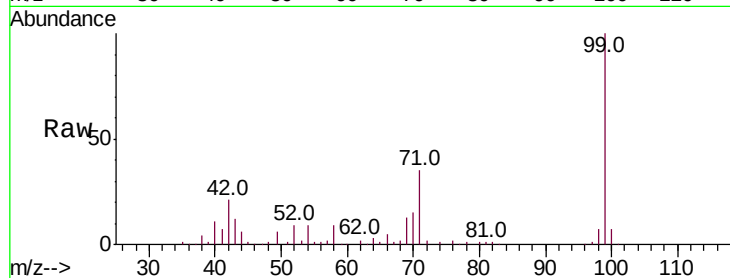
Tot Ion: 99 Resp: 301357

Ion Ratio Lower Upper

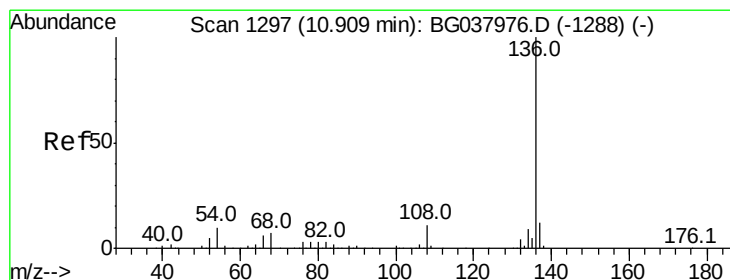
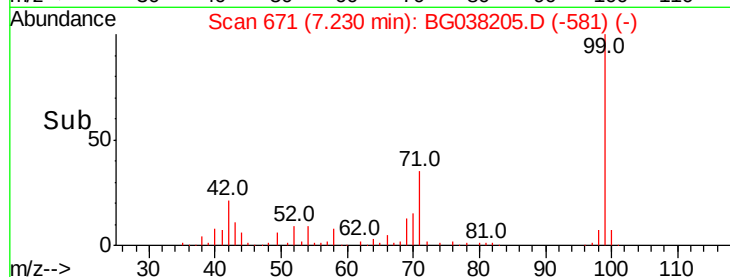
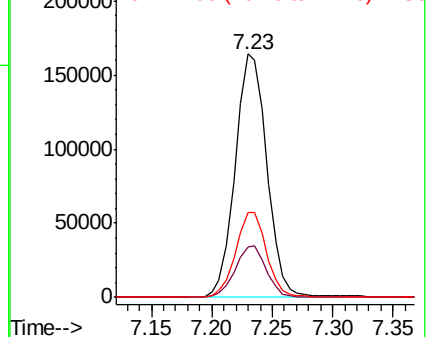
99 100

42 20.9 15.0 22.4

71 34.9 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: BG038205.D

Acq: 28 Nov 2018 18:34

Tgt Ion: 136 Resp: 158002

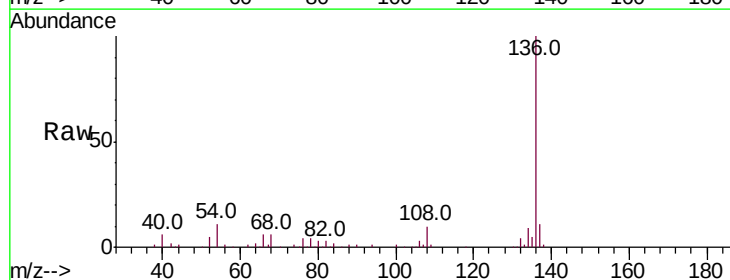
Ion Ratio Lower Upper

136 100

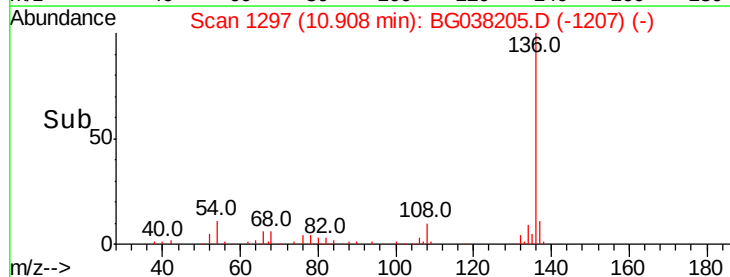
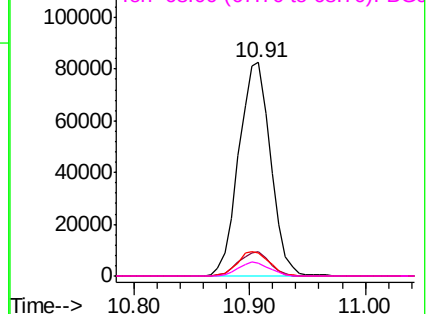
137 11.4 9.6 14.4

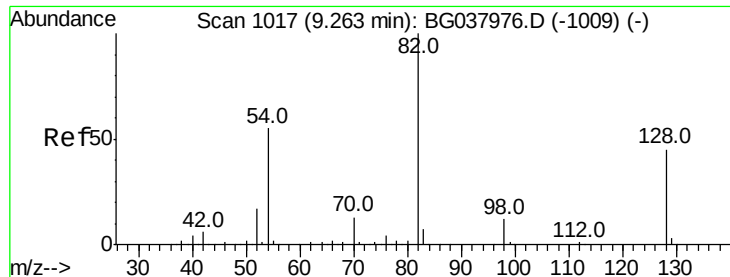
54 10.8 7.9 11.9

68 5.9 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

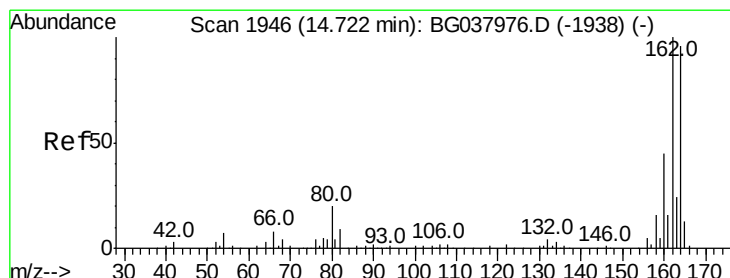
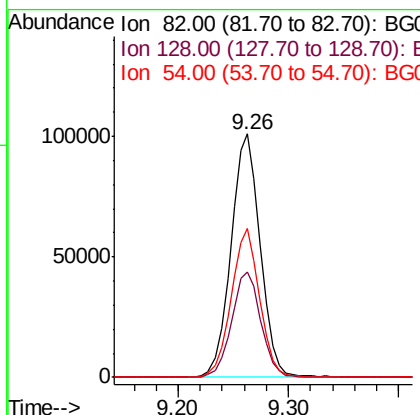
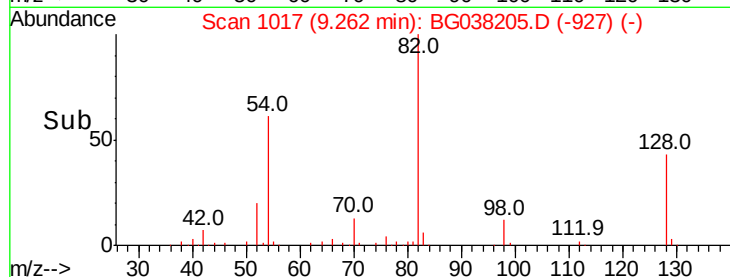
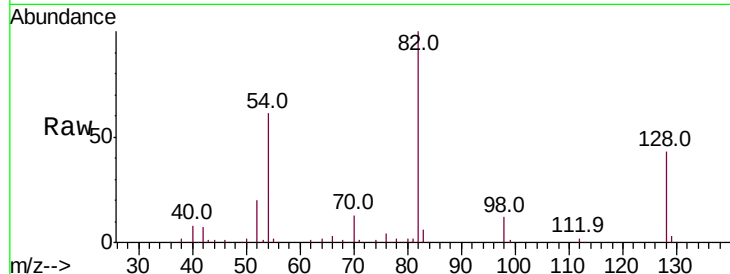




#23
Nitrobenzene-d5
Concen: 63.498 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038205.D
Acq: 28 Nov 2018 18:34

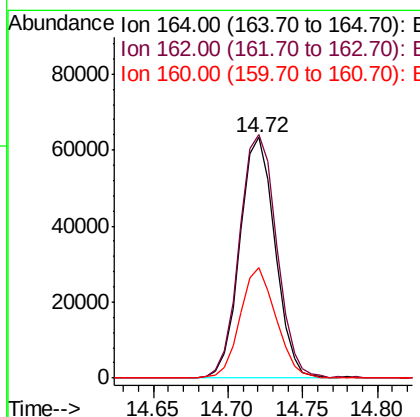
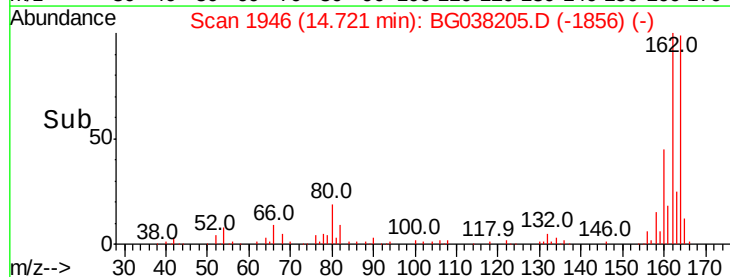
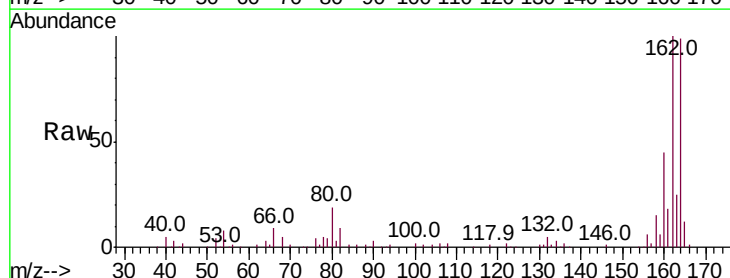
Instrument :
BNA_G
ClientSampleId :
PB115117BL

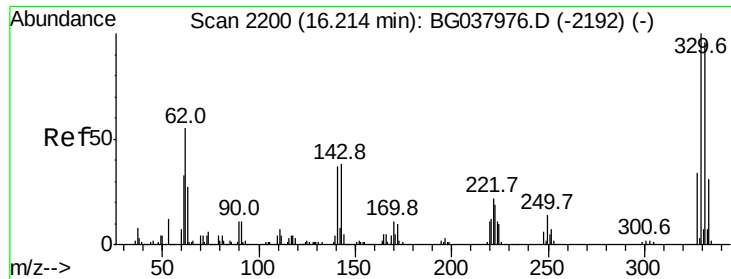
Tot Ion: 82 Resp: 187422
Ion Ratio Lower Upper
82 100
128 43.4 34.6 51.8
54 60.9 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038205.D
Acq: 28 Nov 2018 18:34

Tgt Ion:164 Resp: 103490
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.6 36.3 54.5

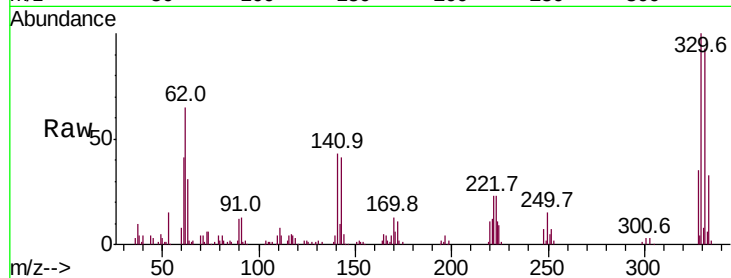




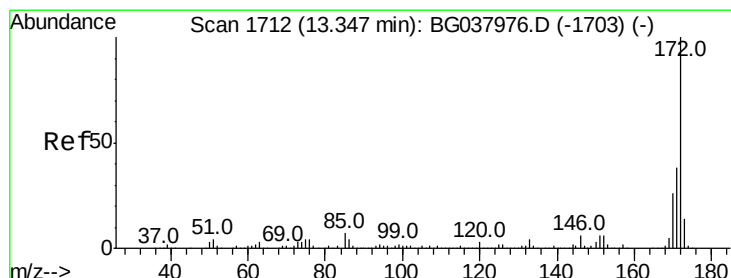
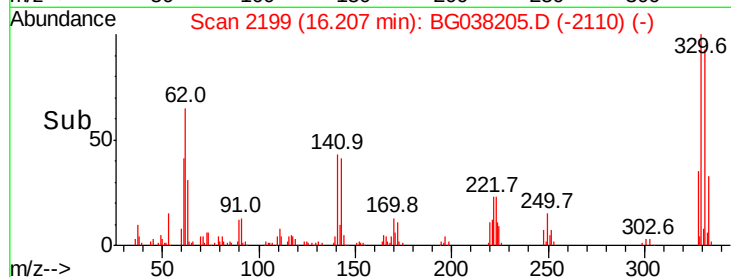
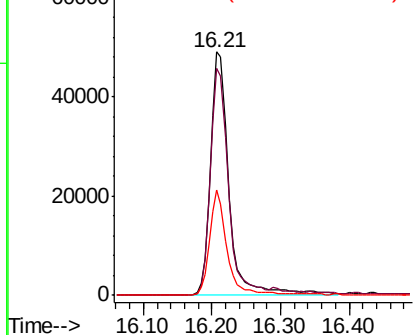
#42
 2,4,6-Tribromophenol
 Concen: 78.049 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

Instrument :
 BNA_G
 ClientSampleId :
 PB115117BL

Tot Ion:330 Resp: 92119
 Ion Ratio Lower Upper
 330 100
 332 89.8 78.4 117.6
 141 40.3 32.2 48.2

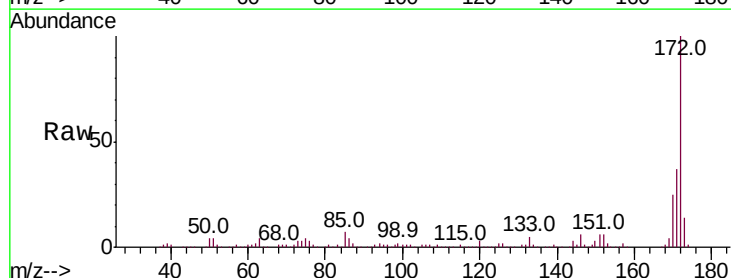


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

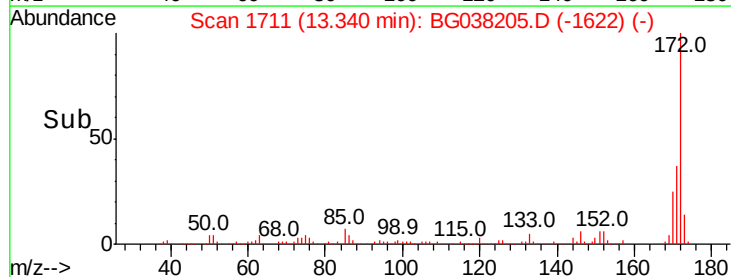
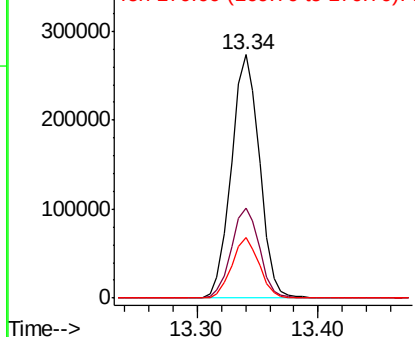


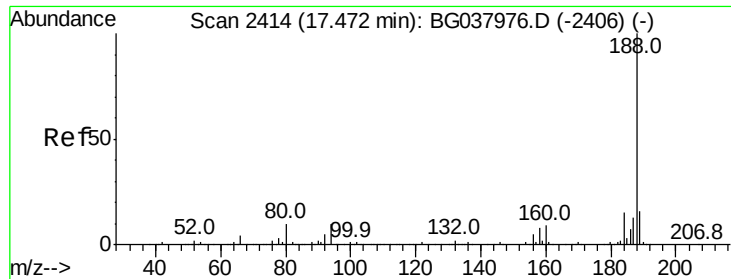
#45
 2-Fluorobiphenyl
 Concen: 62.514 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038205.D
 Acq: 28 Nov 2018 18:34

Tgt Ion:172 Resp: 444079
 Ion Ratio Lower Upper
 172 100
 171 36.7 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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PB115117BL

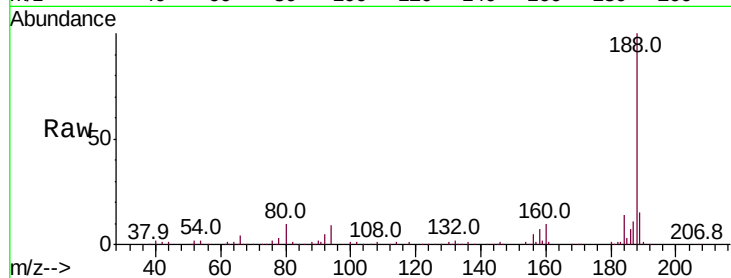
Tot Ion:188 Resp: 237258

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

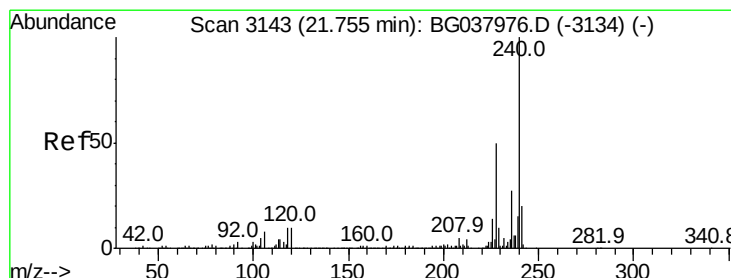
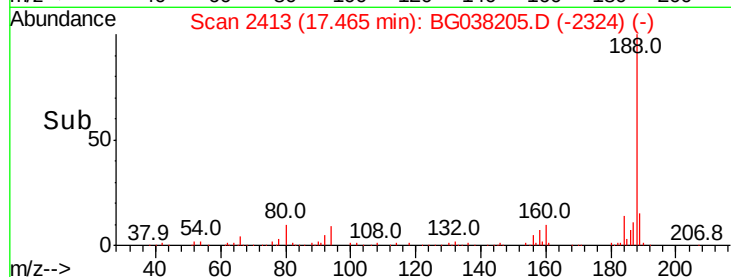
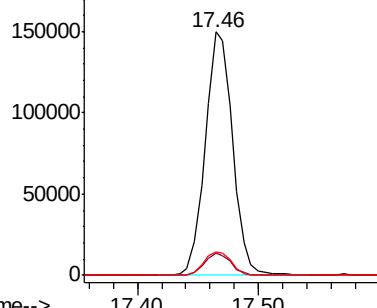
80 9.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

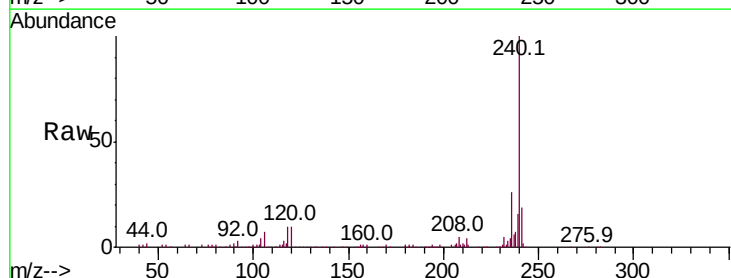
Tgt Ion:240 Resp: 234165

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

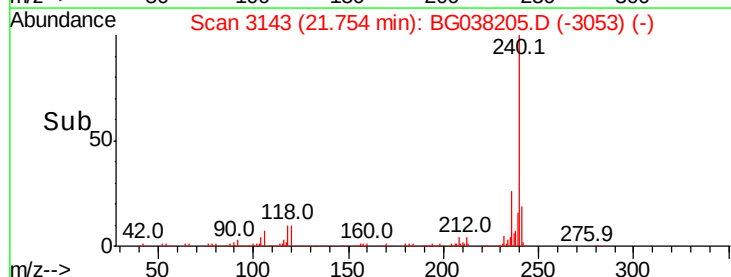
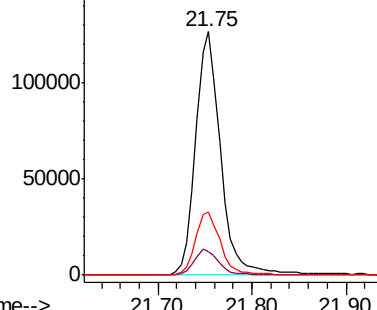
236 26.0 21.4 32.0

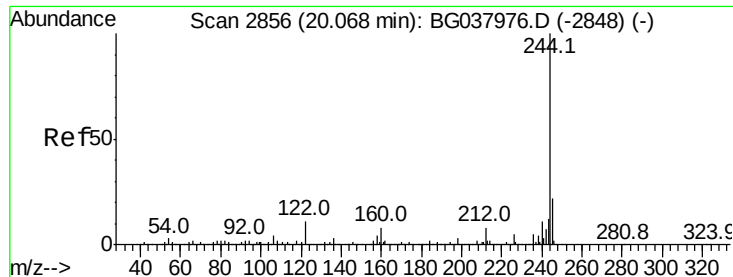


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.615 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038205.D

Acq: 28 Nov 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PB115117BL

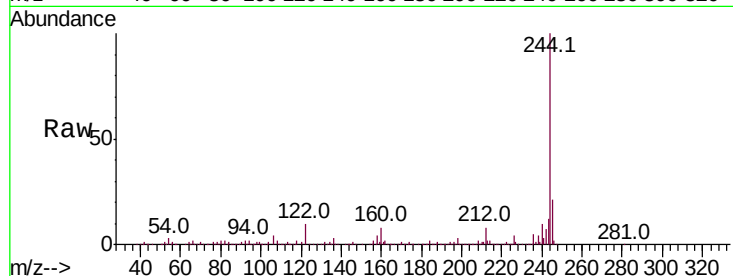
Tot Ion:244 Resp: 692788

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

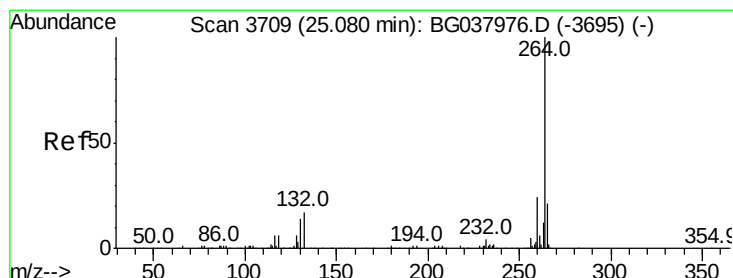
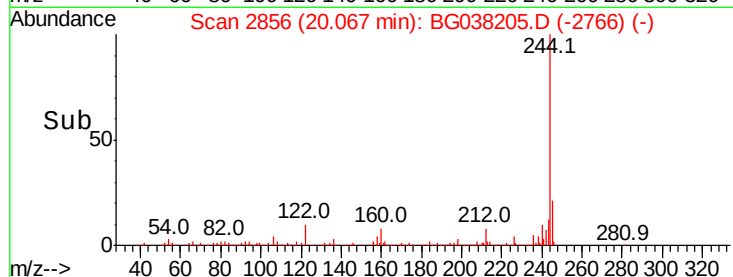
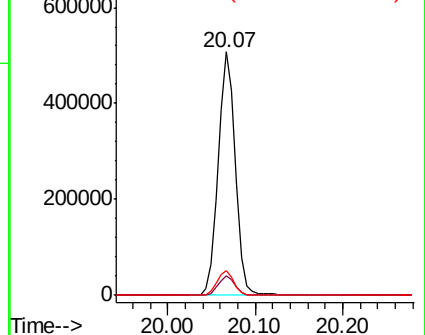
122 10.1 9.0 13.4



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: BG038205.D

Acq: 28 Nov 2018 18:34

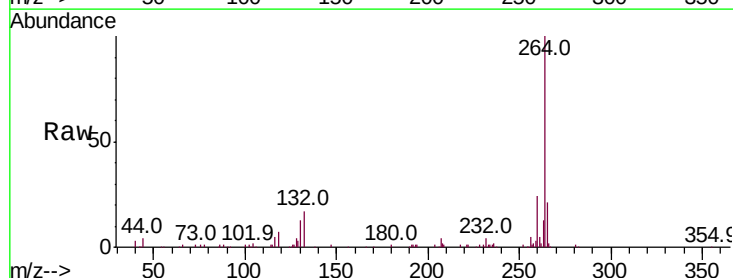
Tgt Ion:264 Resp: 200995

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 20.7 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

