

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038362.D
 Acq On : 5 Dec 2018 16:18
 Operator : JU/SJ
 Sample : PB115249BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BL

Quant Time: Dec 05 16:57:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25286	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	108412	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	72205	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	192882	20.00	ng	0.00
76) Chrysene-d12	21.74	240	193246	20.00	ng	0.00
87) Perylene-d12	25.04	264	281138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	188960	132.24	ng	0.00
7) Phenol-d6	7.22	99	267089	129.33	ng	0.00
23) Nitrobenzene-d5	9.25	82	183346	83.96	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	114983	129.72	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	397026	78.35	ng	0.00
79) Terphenyl-d14	20.06	244	771378	85.51	ng	0.00

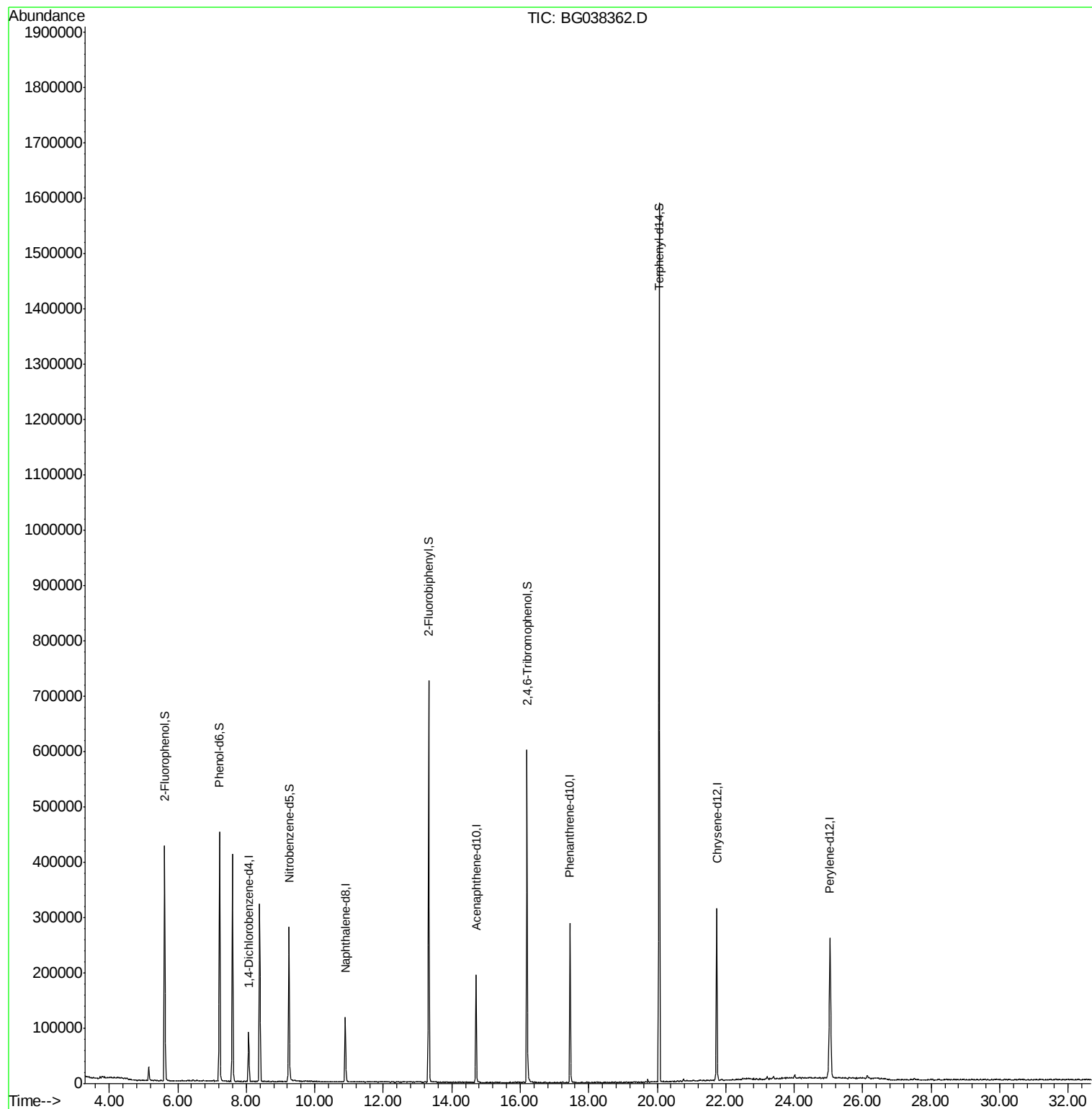
Target Compounds Qvalue

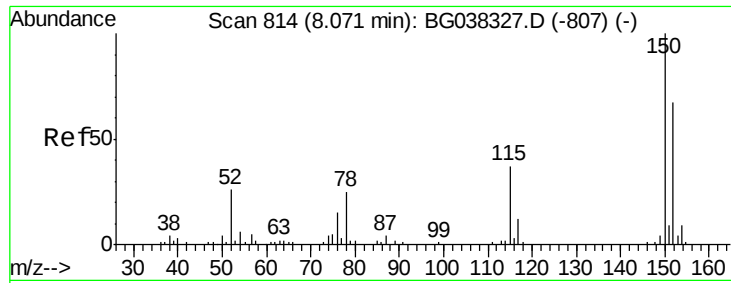
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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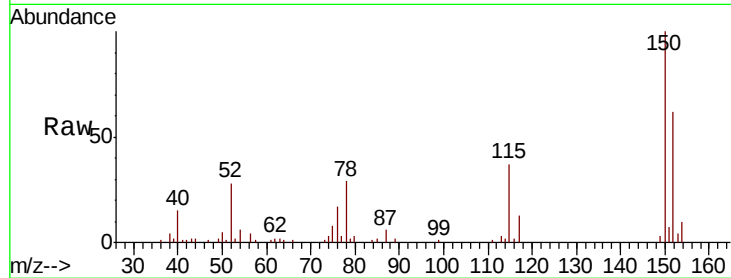


#1

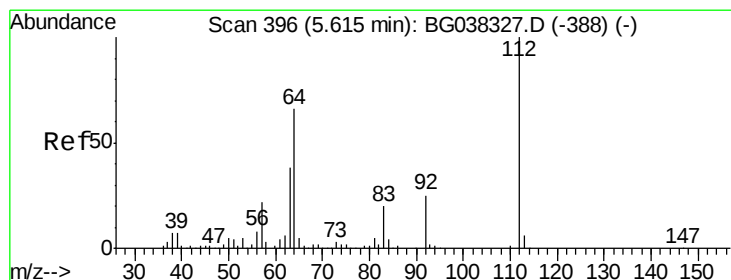
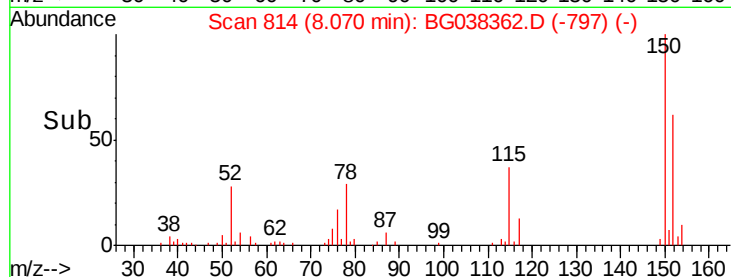
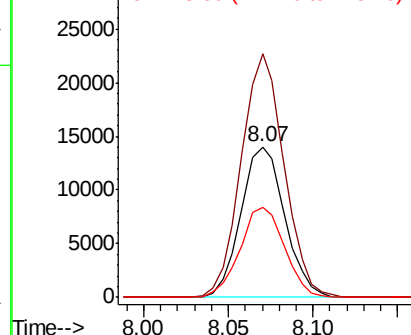
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Instrument :
BNA_G
ClientSampleId :
PB115249BL

Tot Ion:152 Resp: 25286
Ion Ratio Lower Upper
152 100
150 161.5 126.0 189.0
115 59.5 45.5 68.3



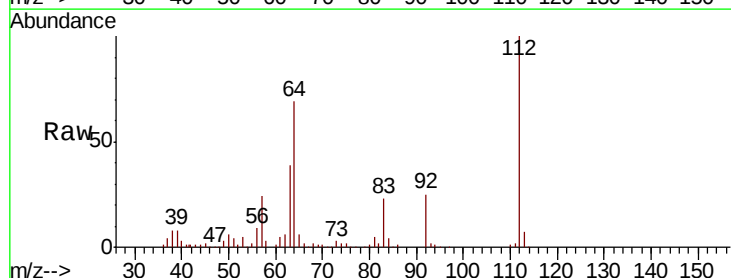
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



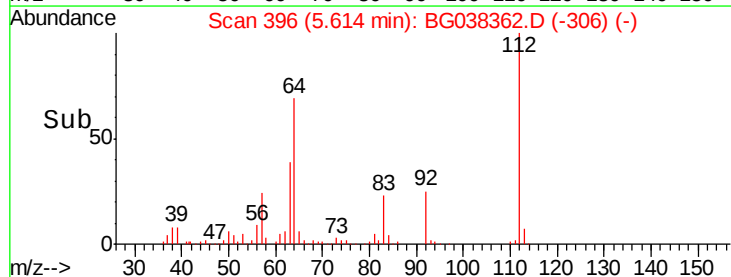
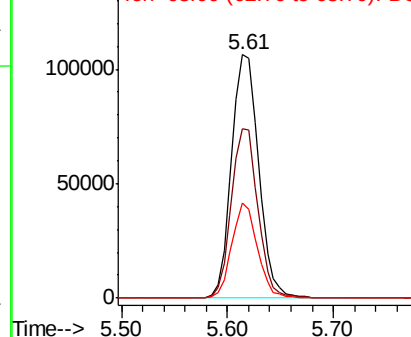
#5

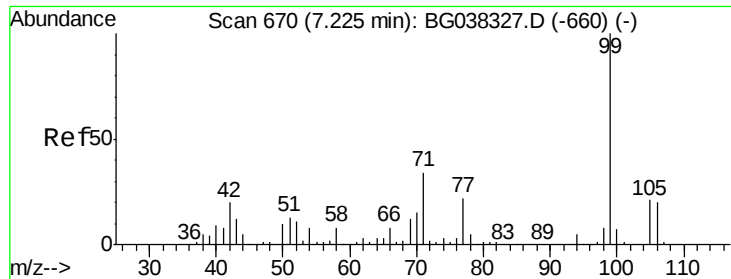
2-Fluorophenol
Concen: 132.244 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Tgt Ion:112 Resp: 188960
Ion Ratio Lower Upper
112 100
64 69.5 53.1 79.7
63 39.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.328 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

Instrument :

BNA_G

ClientSampleId :

PB115249BL

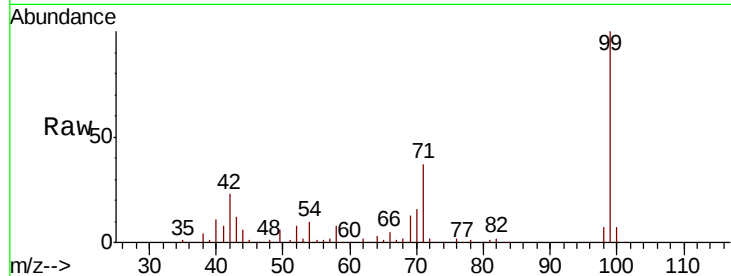
Tot Ion: 99 Resp: 267089

Ion Ratio Lower Upper

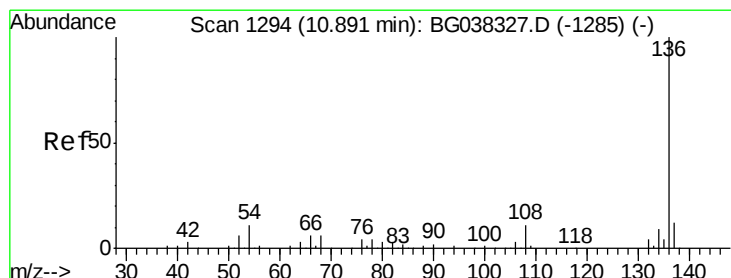
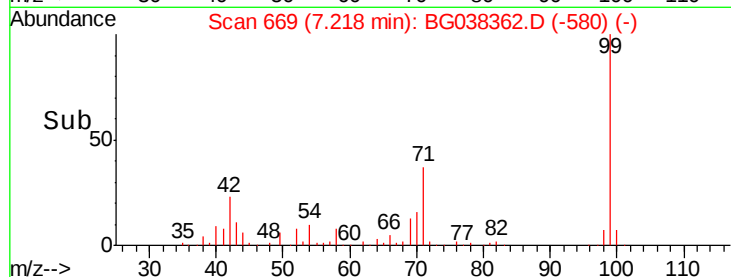
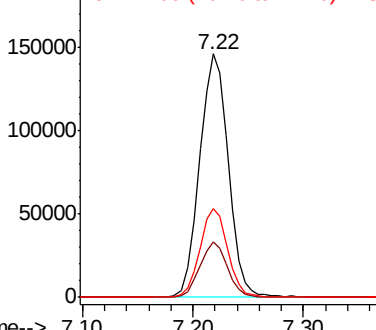
99 100

42 23.0 15.0 22.4#

71 36.7 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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

Tgt Ion: 136 Resp: 108412

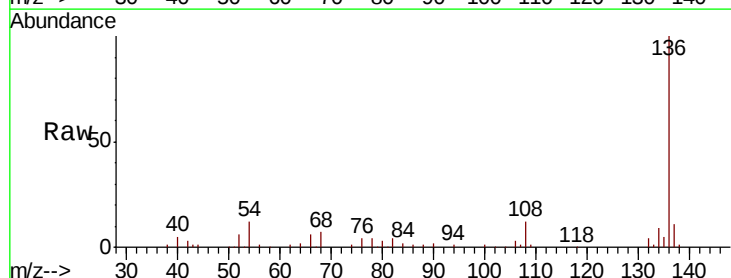
Ion Ratio Lower Upper

136 100

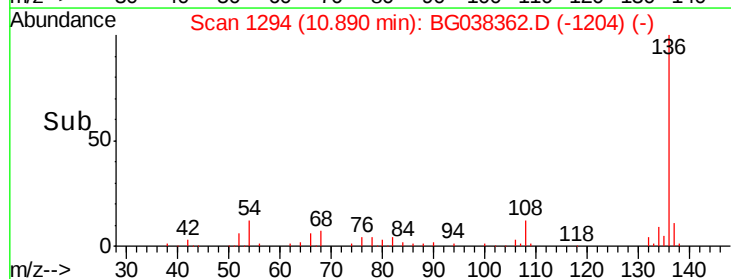
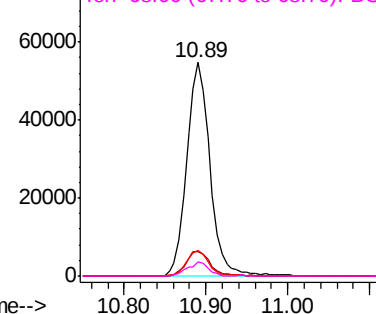
137 11.2 9.6 14.4

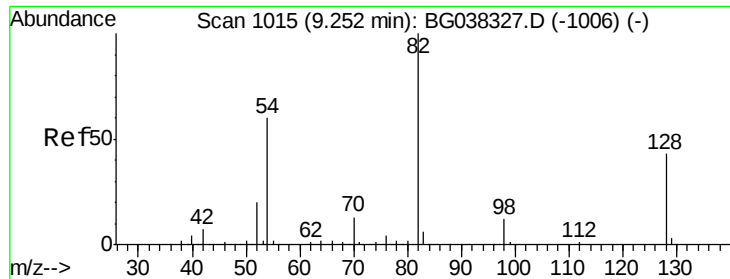
54 11.8 7.9 11.9

68 6.5 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

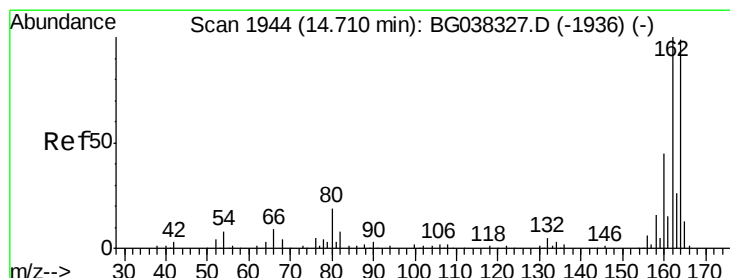
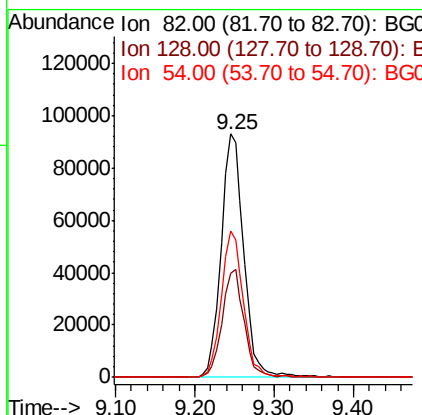
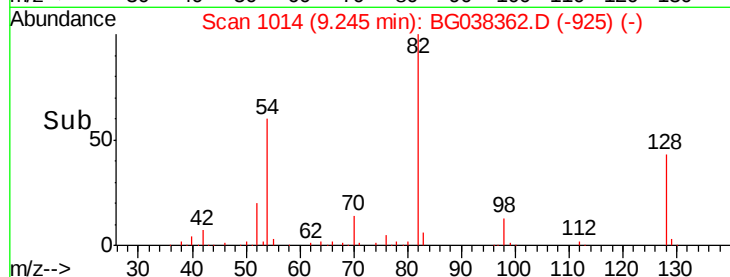
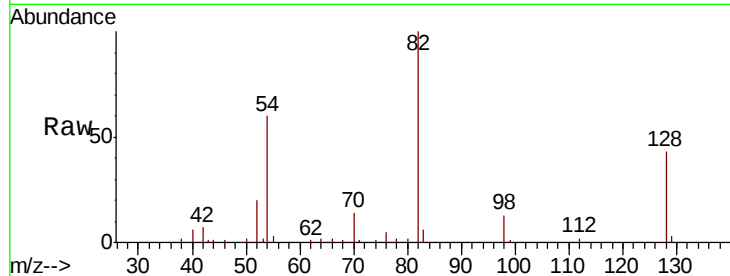




#23
Nitrobenzene-d5
Concen: 83.964 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

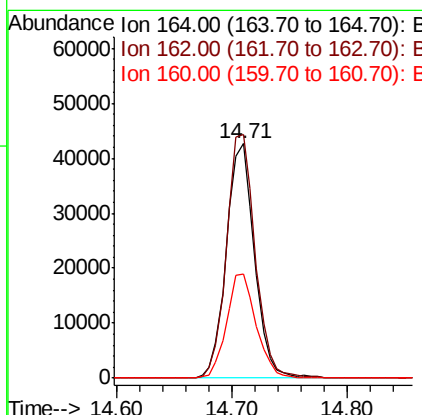
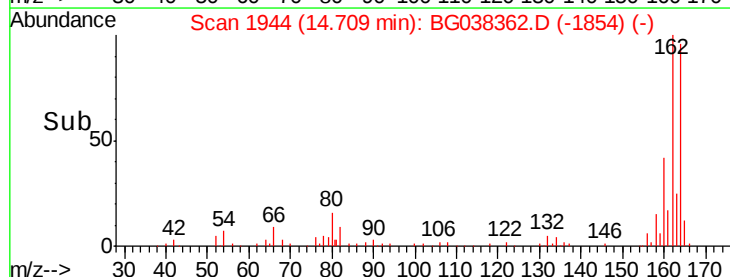
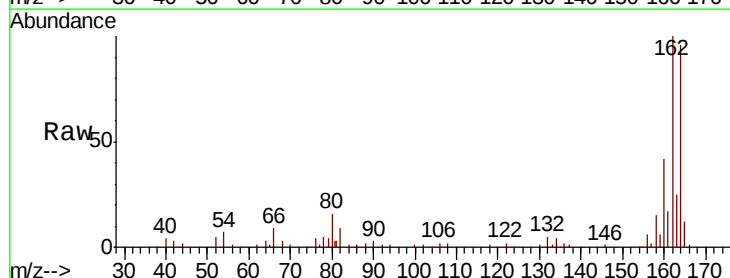
Instrument :
BNA_G
ClientSampleId :
PB115249BL

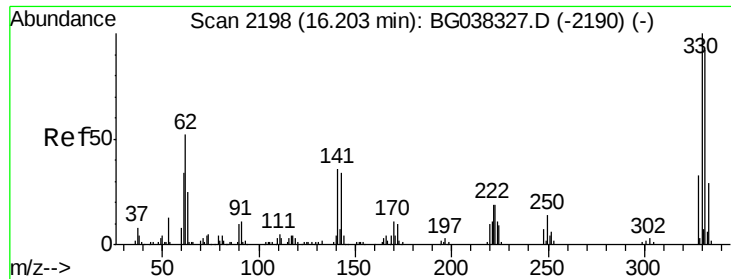
Tot Ion: 82 Resp: 183346
Ion Ratio Lower Upper
82 100
128 42.6 34.6 51.8
54 60.0 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Tgt Ion:164 Resp: 72205
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 44.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 129.718 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

Instrument :

BNA_G

ClientSampleId :

PB115249BL

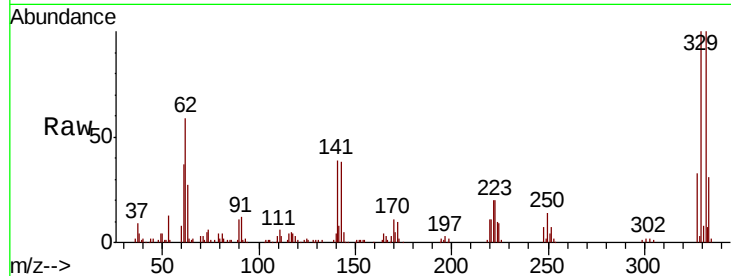
Tot Ion:330 Resp: 114983

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

141 38.3 32.2 48.2

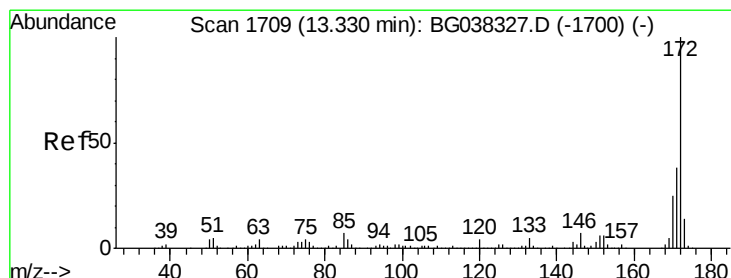
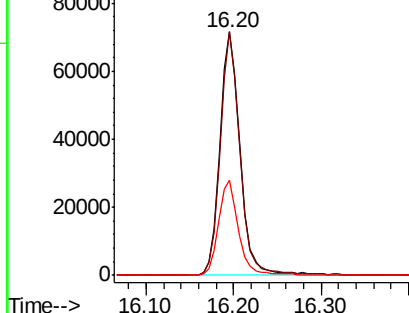
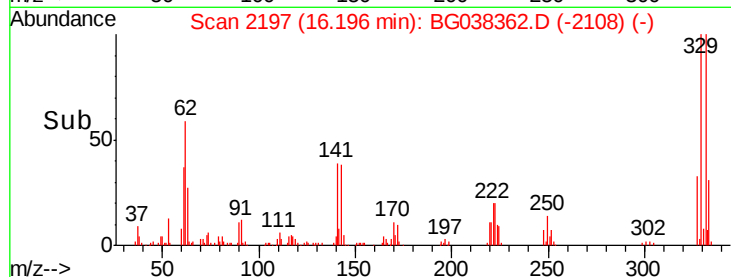


Abundance

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: 78.350 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

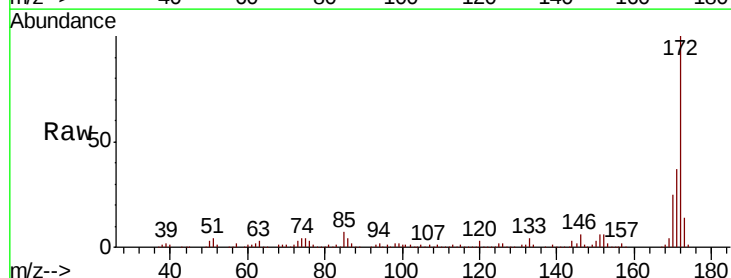
Tgt Ion:172 Resp: 397026

Ion Ratio Lower Upper

172 100

171 37.4 31.0 46.4

170 25.0 20.2 30.2

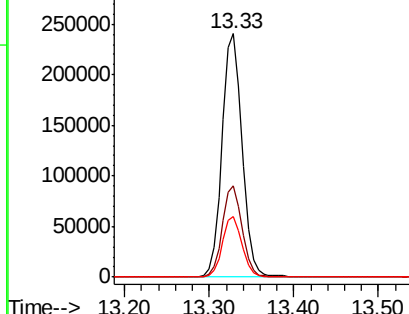
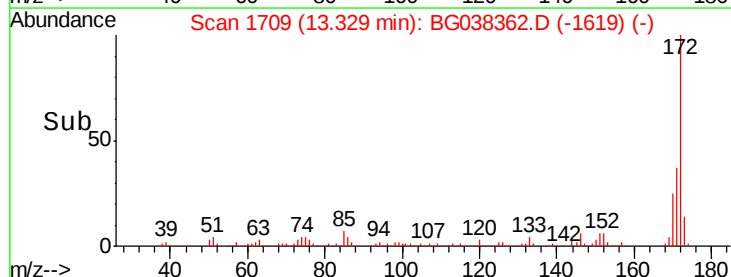


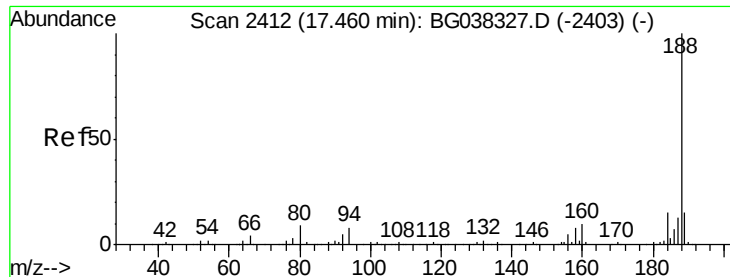
Abundance

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

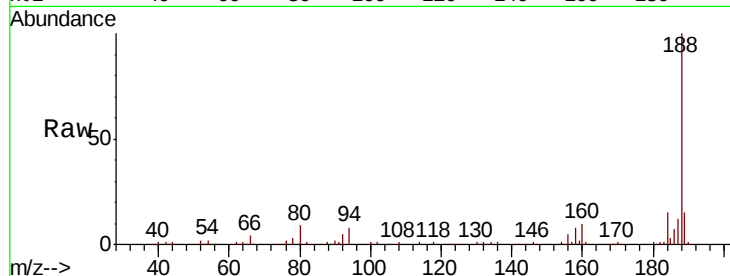




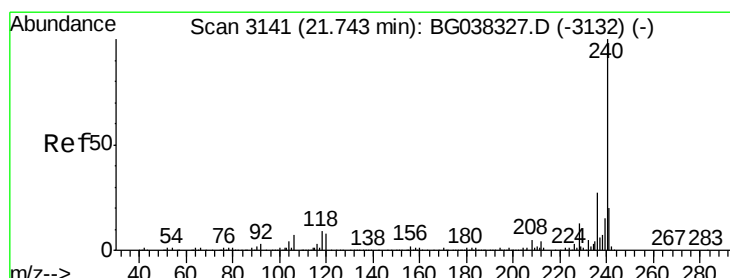
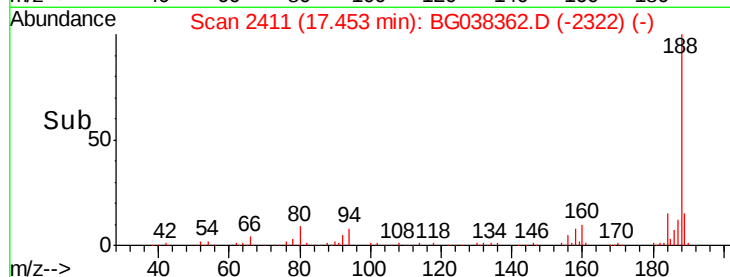
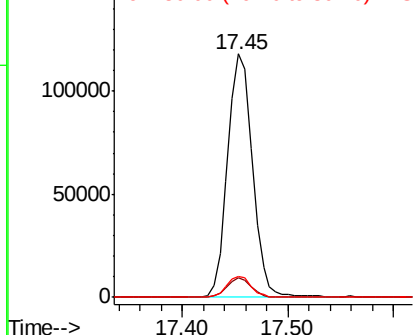
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Instrument :
BNA_G
ClientSampleId :
PB115249BL

Tot Ion:188 Resp: 192882
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.6 7.7 11.5

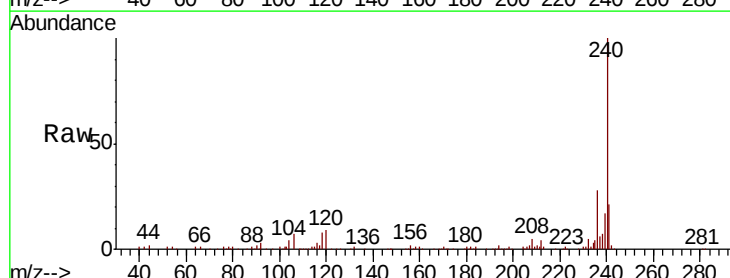


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

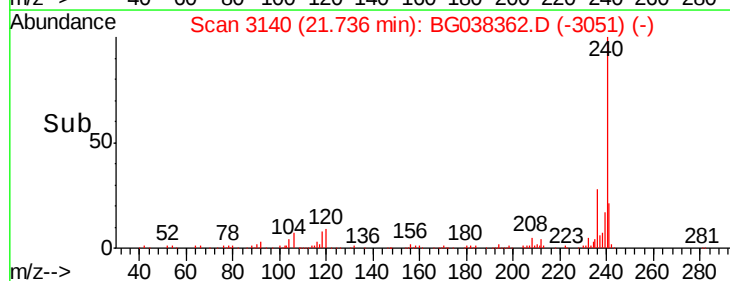
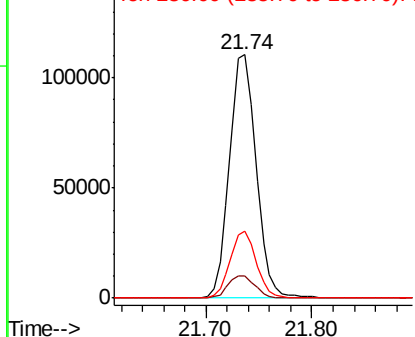


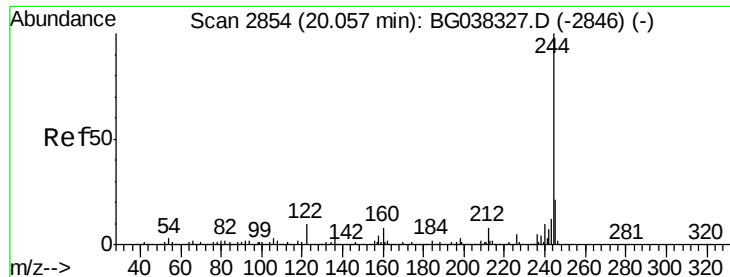
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Tgt Ion:240 Resp: 193246
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 27.6 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: 85.512 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

Instrument :

BNA_G

ClientSampleId :

PB115249BL

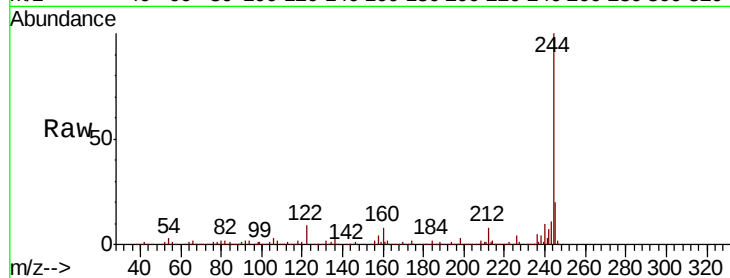
Tot Ion:244 Resp: 771378

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

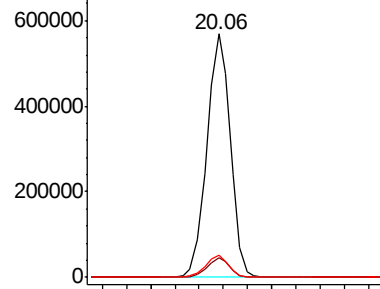
122 8.9 9.0 13.4#



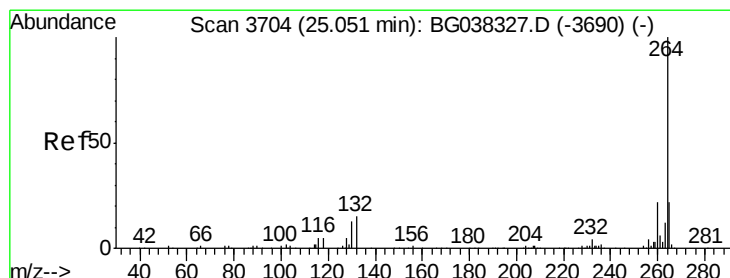
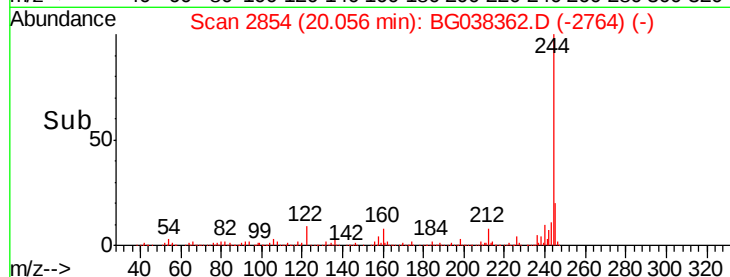
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

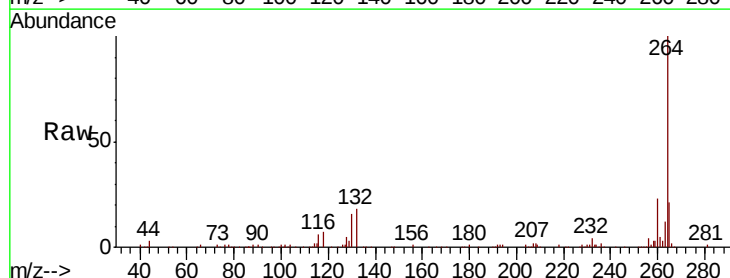
Tgt Ion:264 Resp: 281138

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

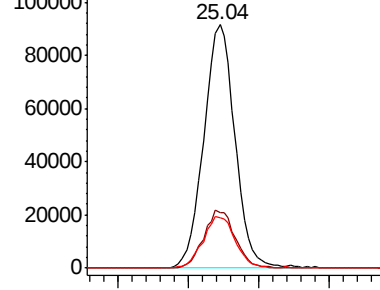
265 20.9 17.9 26.9



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



Time-->

