

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038351.D
 Acq On : 5 Dec 2018 9:05
 Operator : JU/SJ
 Sample : PB115253TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115253TB

Quant Time: Dec 05 10:35:18 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	26352	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	145398	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	75007	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	192497	20.00	ng	0.00
76) Chrysene-d12	21.74	240	202179	20.00	ng	0.00
87) Perylene-d12	25.04	264	204789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	208688	140.14	ng	0.00
7) Phenol-d6	7.22	99	282548	131.28	ng	0.00
23) Nitrobenzene-d5	9.25	82	193404	66.04	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	114773	124.64	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	417442	79.30	ng	0.00
79) Terphenyl-d14	20.06	244	804630	85.26	ng	0.00

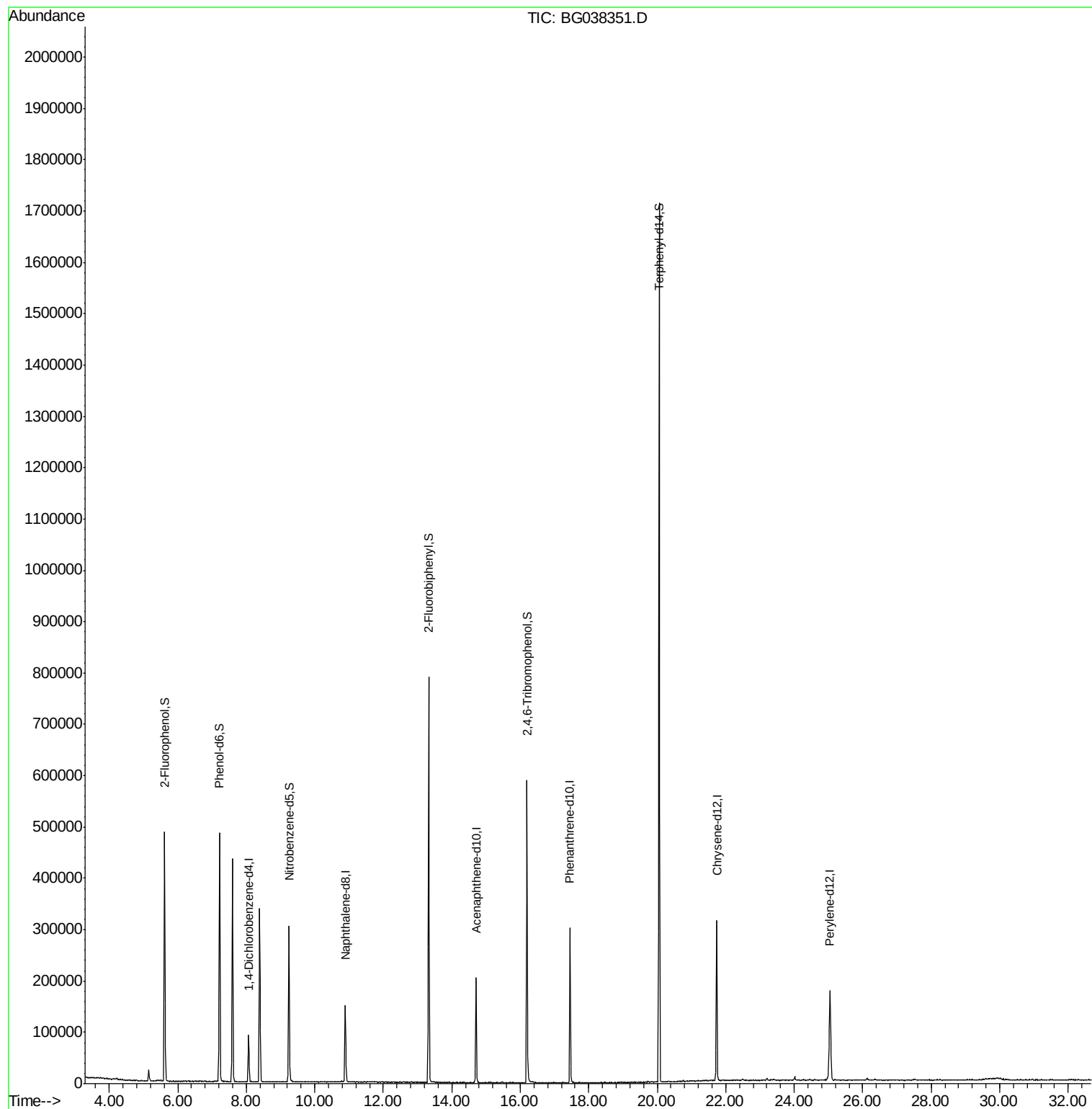
Target Compounds Qvalue

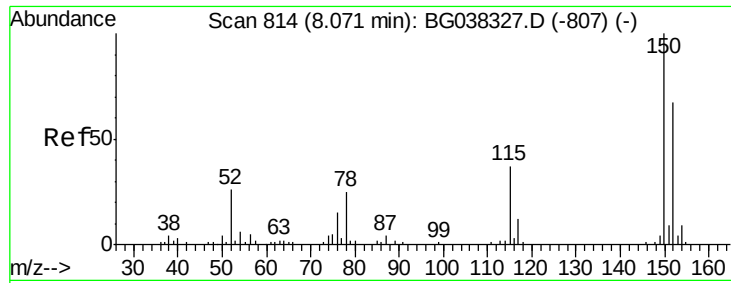
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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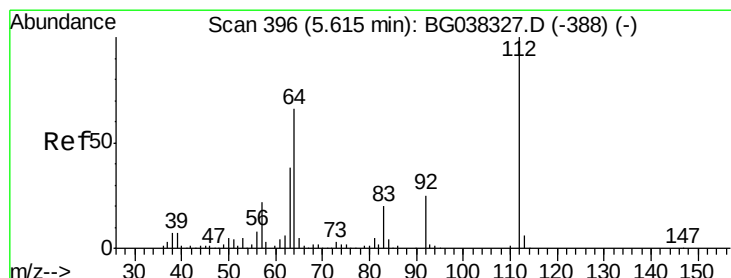
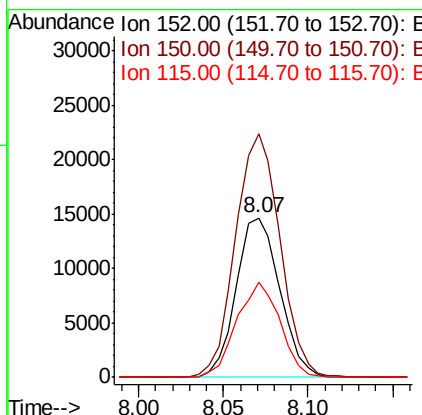
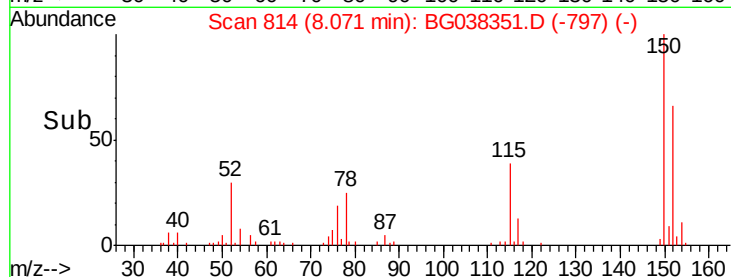
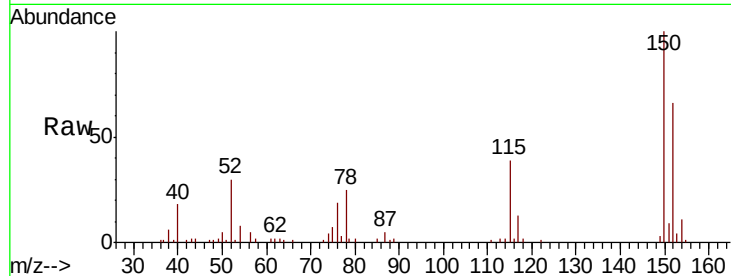




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG038351.D
 Acq: 5 Dec 2018 9:05

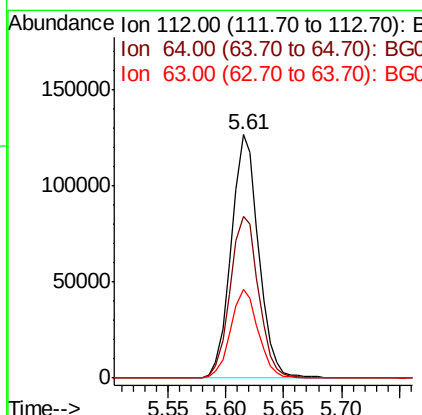
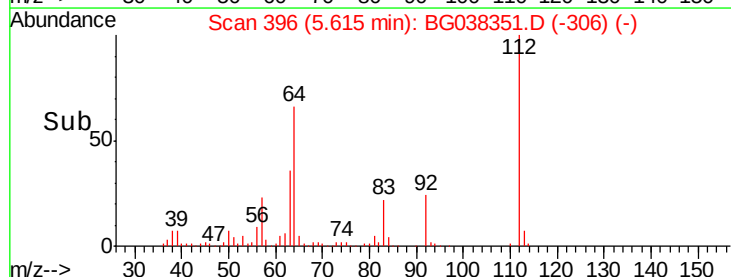
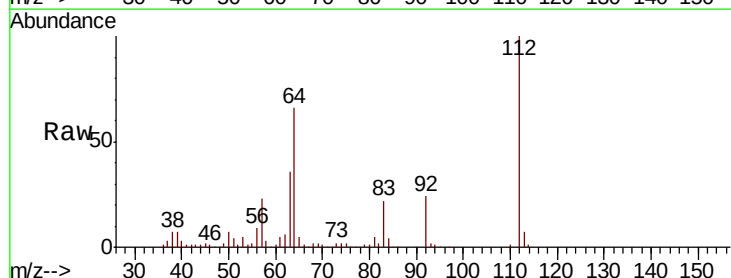
Instrument :
 BNA_G
 ClientSampleId :
 PB115253TB

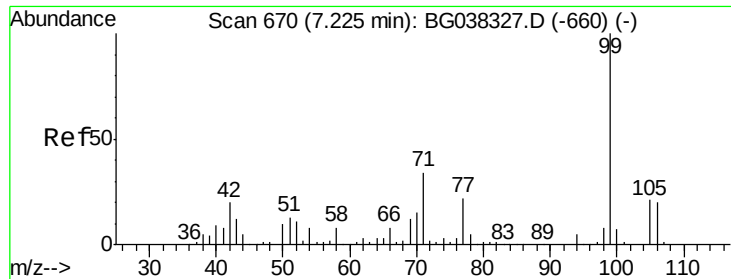
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.0	189.0
115	60.0	45.5	68.3



#5
 2-Fluorophenol
 Concen: 140.142 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG038351.D
 Acq: 5 Dec 2018 9:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.1	79.7
63	36.3	27.3	40.9





#7

Phenol-d6

Concen: 131.279 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038351.D

Acq: 5 Dec 2018 9:05

Instrument :

BNA_G

ClientSampleId :

PB115253TB

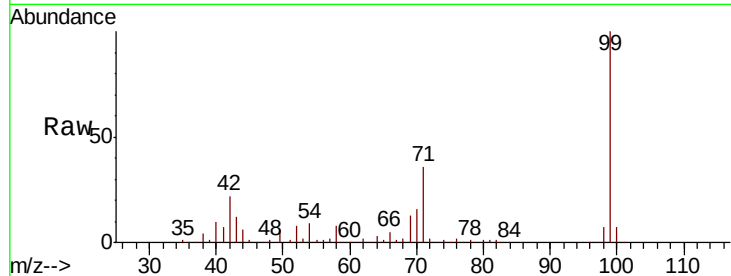
Tot Ion: 99 Resp: 282548

Ion Ratio Lower Upper

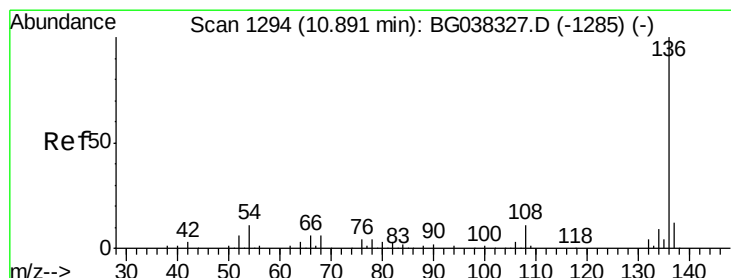
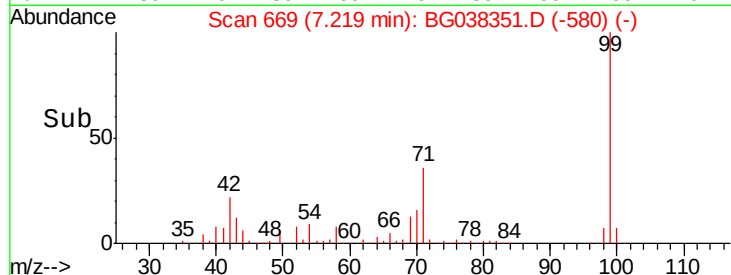
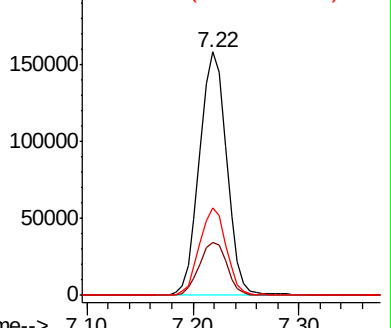
99 100

42 21.6 15.0 22.4

71 35.9 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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038351.D

Acq: 5 Dec 2018 9:05

Tgt Ion: 136 Resp: 145398

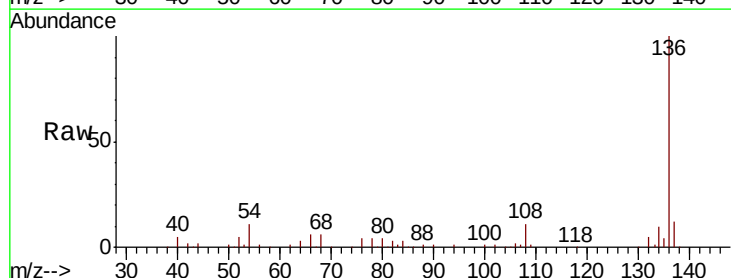
Ion Ratio Lower Upper

136 100

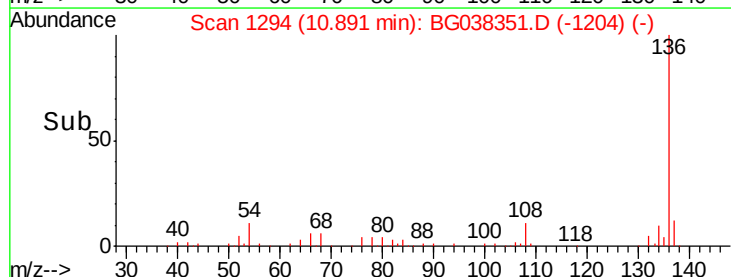
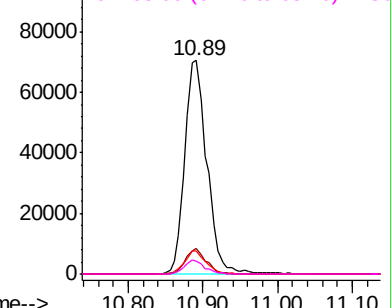
137 12.2 9.6 14.4

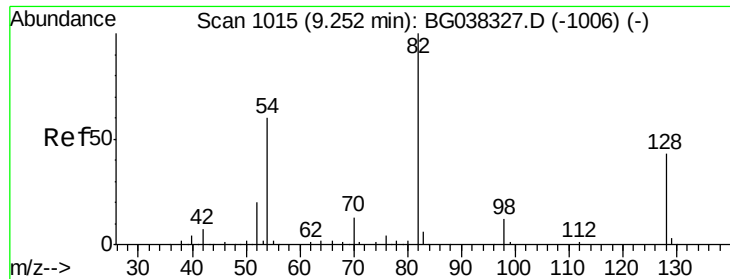
54 11.0 7.9 11.9

68 5.7 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: 66.040 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG038351.D

Acq: 5 Dec 2018 9:05

Instrument :

BNA_G

ClientSampleId :

PB115253TB

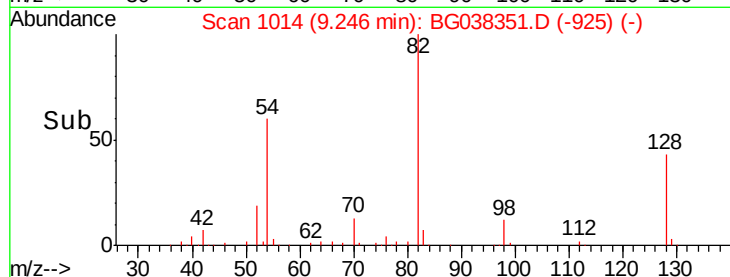
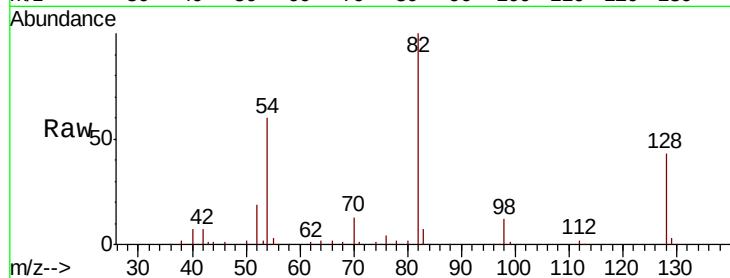
Tot Ion: 82 Resp: 193404

Ion Ratio Lower Upper

82 100

128 43.1 34.6 51.8

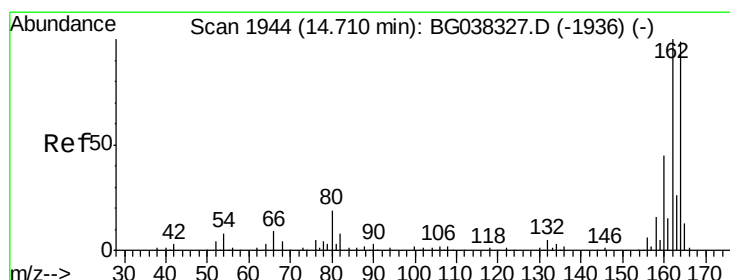
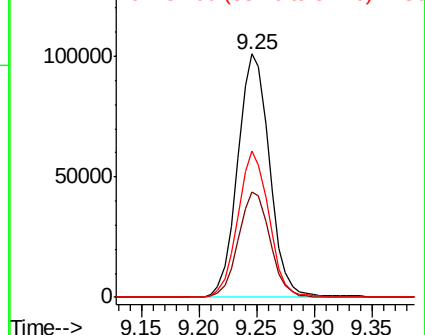
54 60.2 45.3 67.9



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# 1944

Delta R.T. -0.00 min

Lab File: BG038351.D

Acq: 5 Dec 2018 9:05

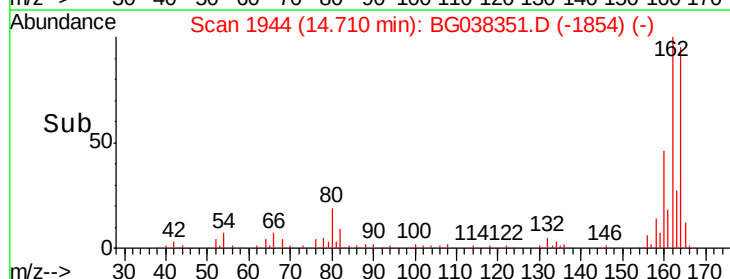
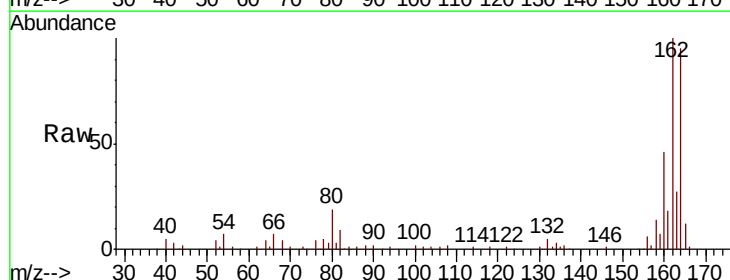
Tgt Ion:164 Resp: 75007

Ion Ratio Lower Upper

164 100

162 105.5 81.3 121.9

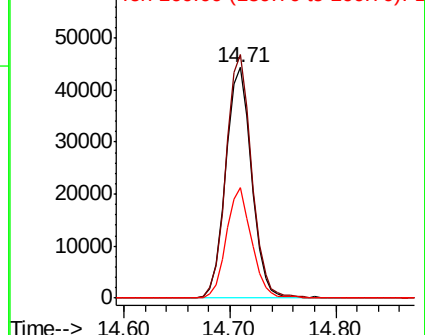
160 48.1 36.3 54.5

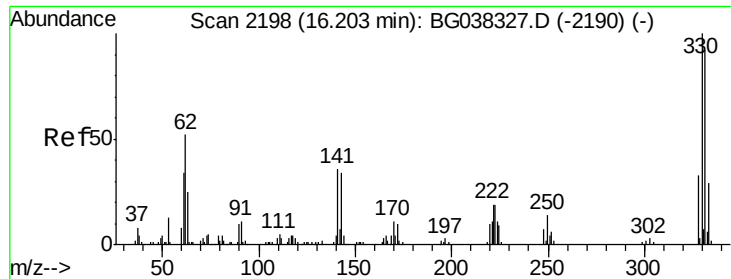


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 124.645 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038351.D

Acq: 5 Dec 2018 9:05

Instrument :

BNA_G

ClientSampleId :

PB115253TB

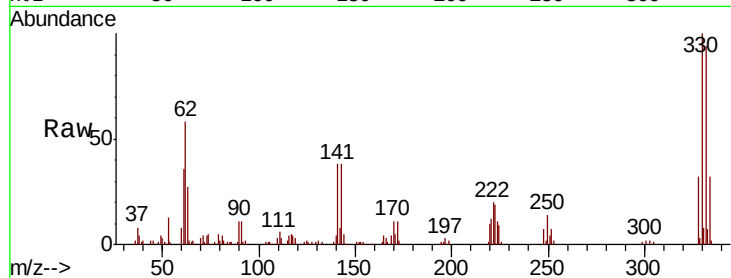
Tot Ion:330 Resp: 114773

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

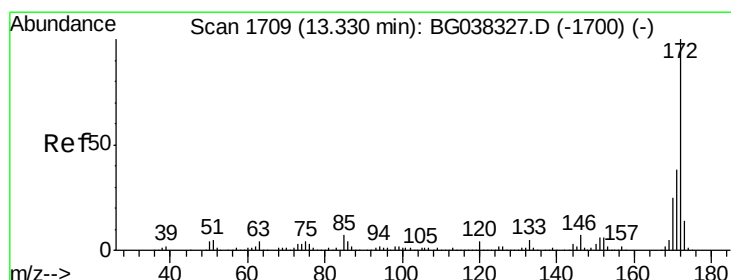
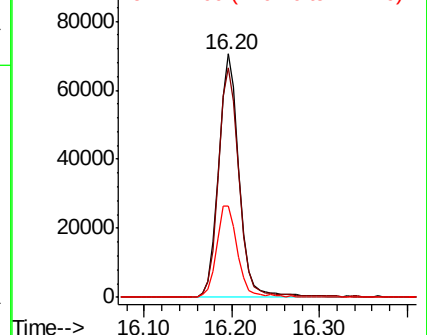
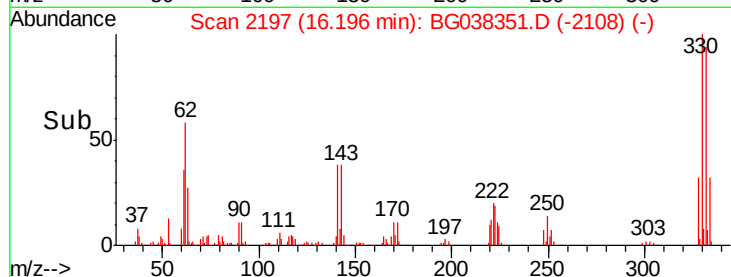
141 38.7 32.2 48.2



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: 79.302 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG038351.D

Acq: 5 Dec 2018 9:05

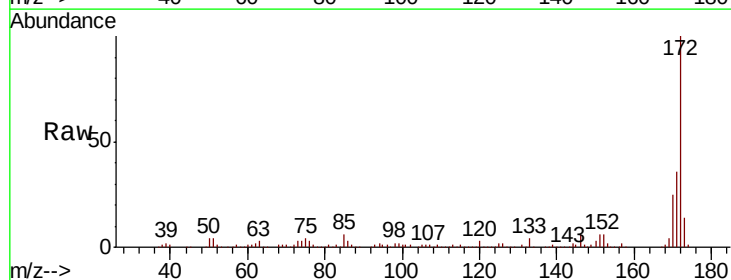
Tgt Ion:172 Resp: 417442

Ion Ratio Lower Upper

172 100

171 36.2 31.0 46.4

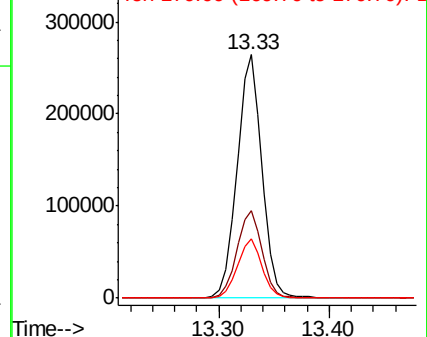
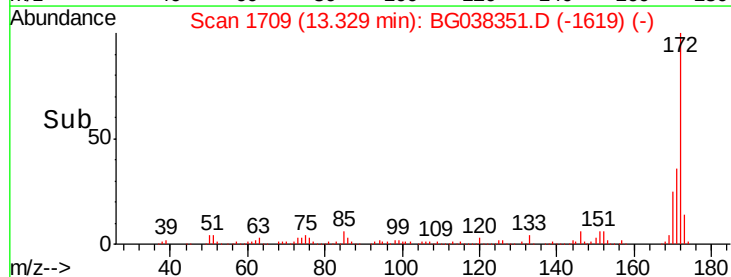
170 24.6 20.2 30.2

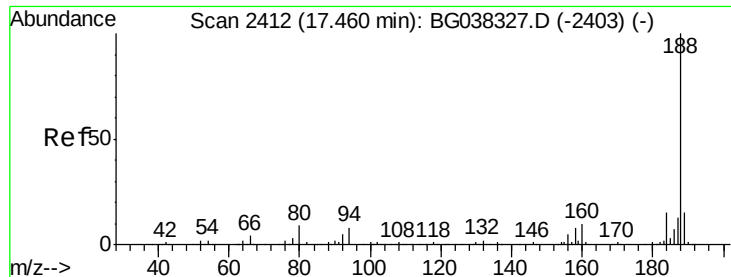


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

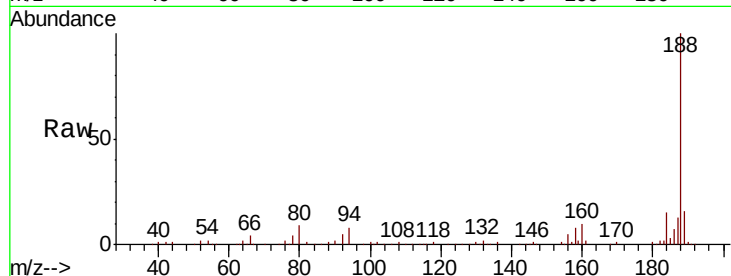




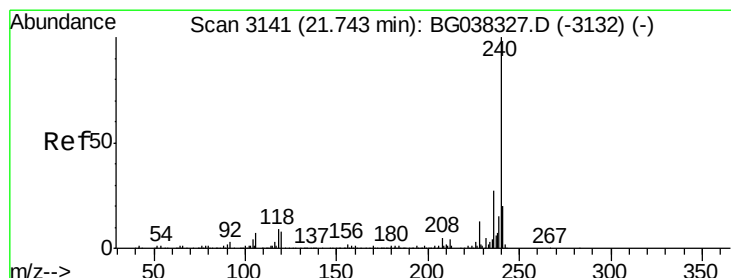
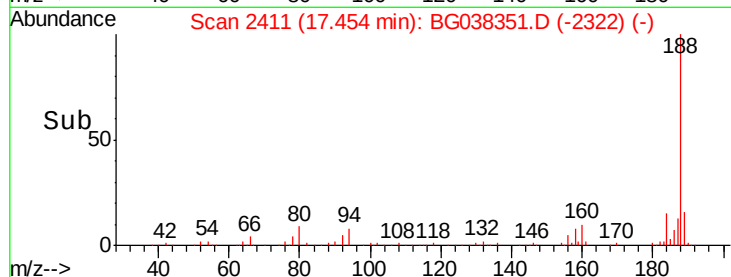
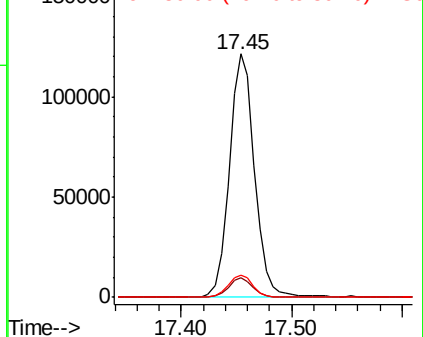
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038351.D
Acq: 5 Dec 2018 9:05

Instrument :
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PB115253TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	9.0	7.7	11.5

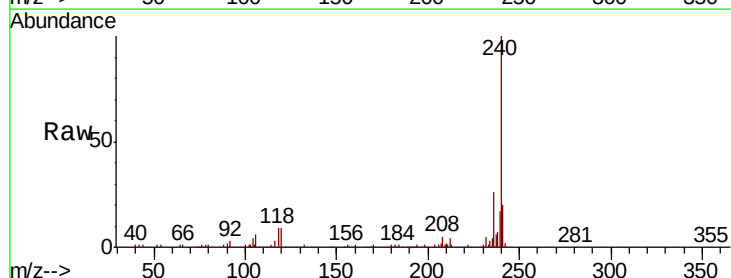


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

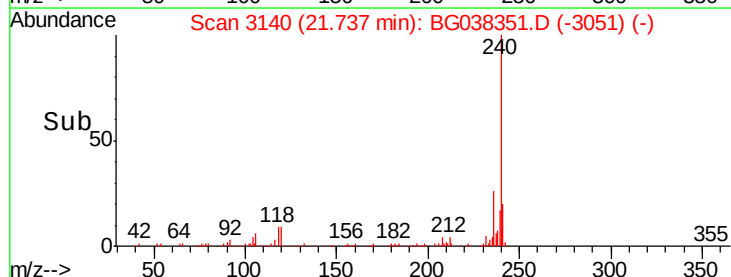
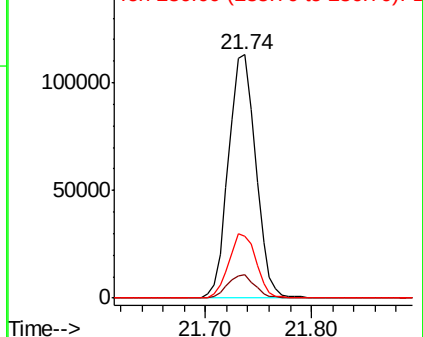


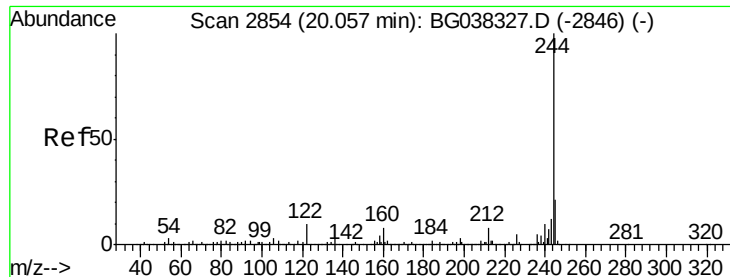
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038351.D
Acq: 5 Dec 2018 9:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.1	12.1
236	25.6	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: 85.257 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038351.D

Acq: 5 Dec 2018 9:05

Instrument :

BNA_G

ClientSampleId :

PB115253TB

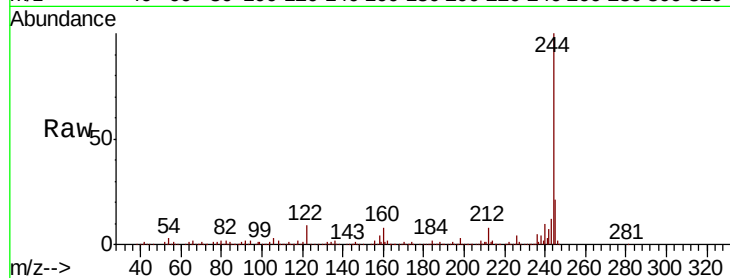
Tot Ion:244 Resp: 804630

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

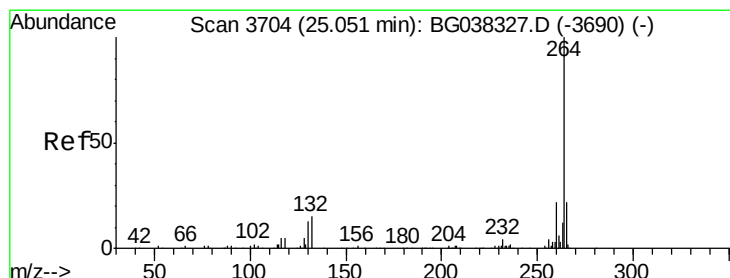
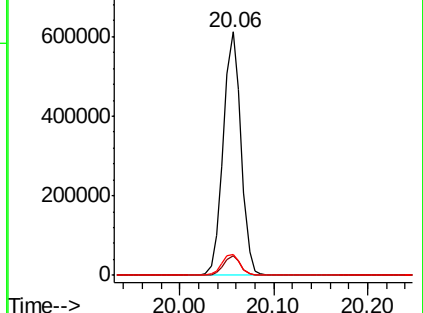
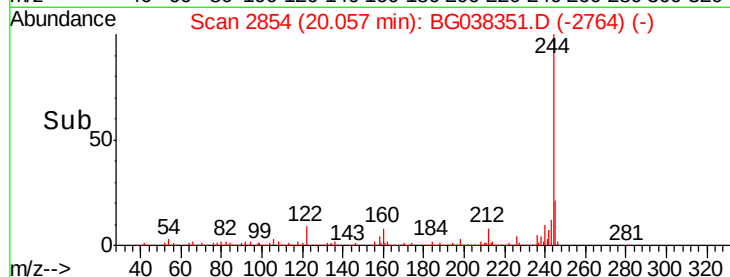
122 8.8 9.0 13.4#



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: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038351.D

Acq: 5 Dec 2018 9:05

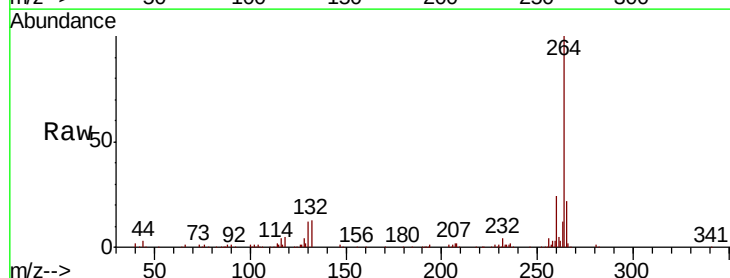
Tgt Ion:264 Resp: 204789

Ion Ratio Lower Upper

264 100

260 24.0 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

