

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038294.D
 Acq On : 1 Dec 2018 19:26
 Operator : JU/SJ
 Sample : PB115213TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115213TB

Quant Time: Dec 03 03:04:27 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	28115	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	112199	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	72669	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	195986	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	192453	20.00	ng	-0.01
87) Perylene-d12	25.06	264	196544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	172635	106.02	ng	0.00
7) Phenol-d6	7.22	99	235716	101.41	ng	0.00
23) Nitrobenzene-d5	9.25	82	148247	70.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	92147	111.18	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	343407	68.85	ng	-0.01
79) Terphenyl-d14	20.06	244	657000	80.33	ng	0.00

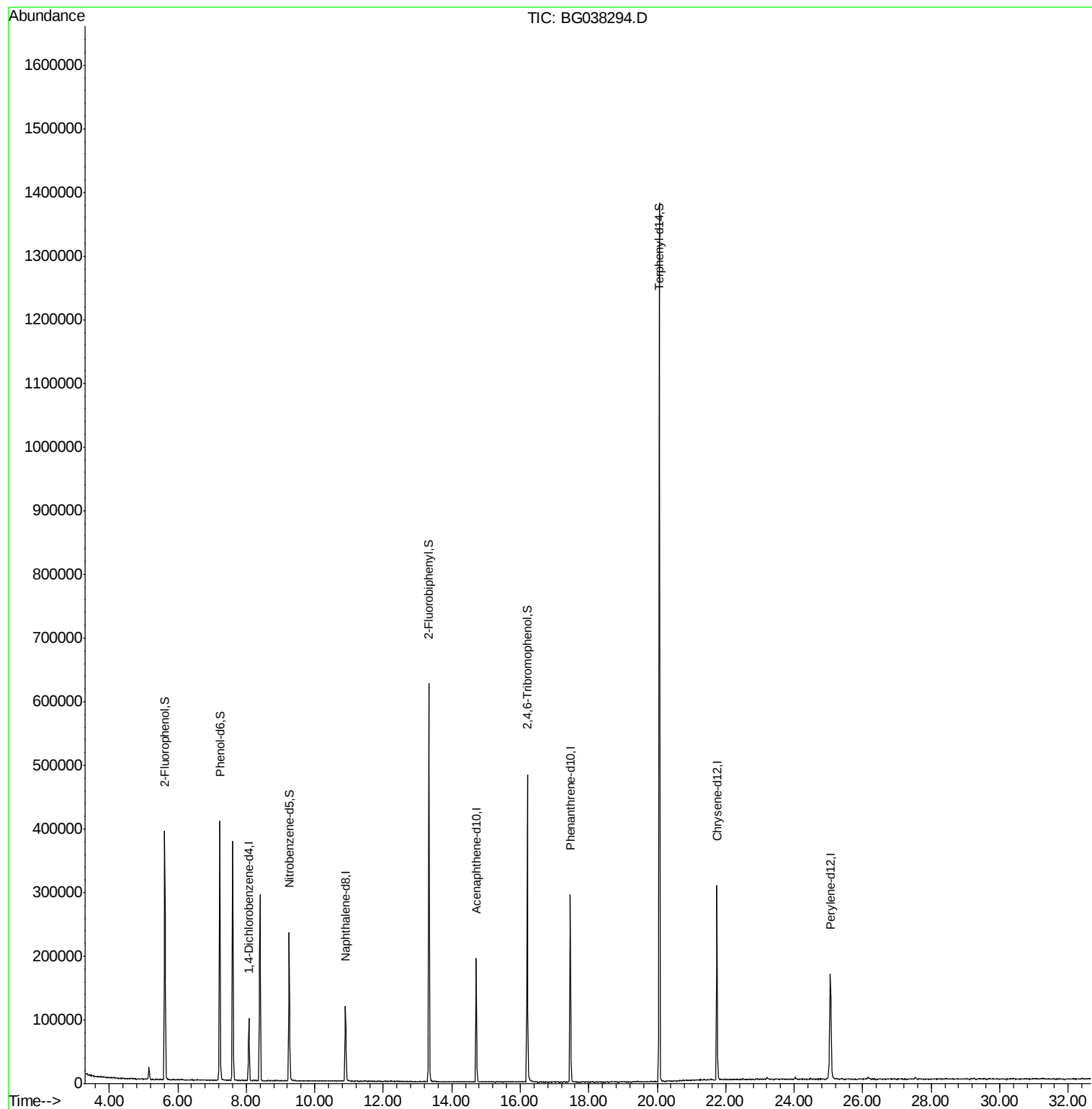
Target Compounds Qvalue

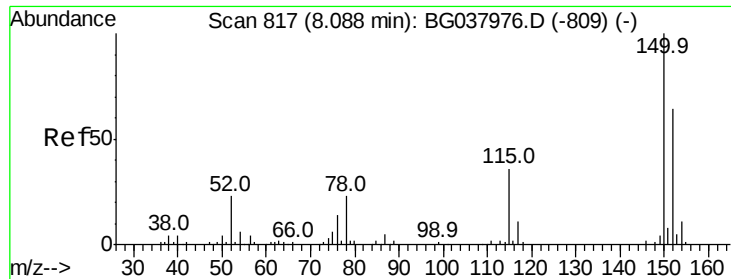
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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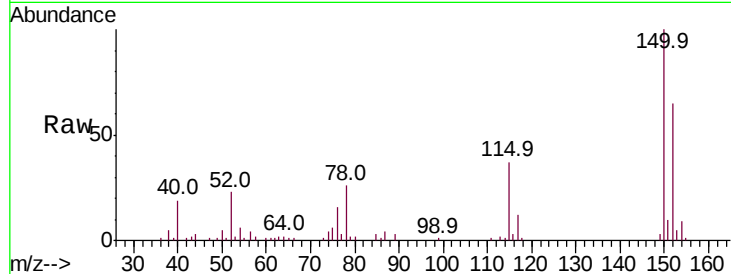


#1

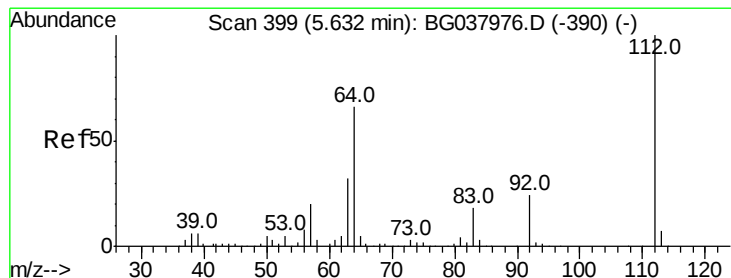
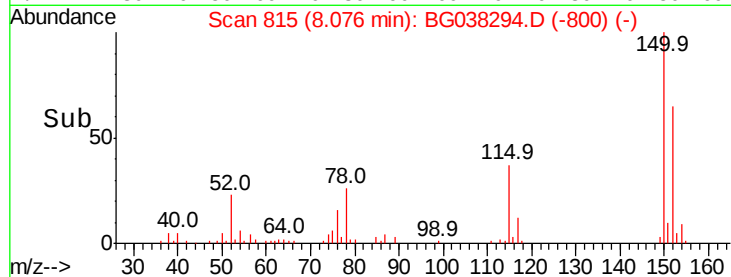
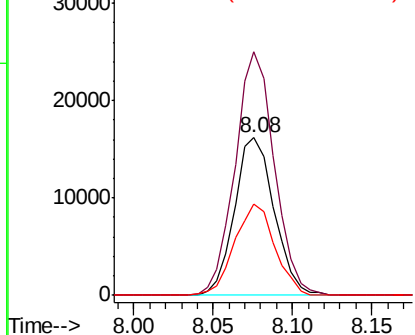
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038294.D
 Acq: 1 Dec 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115213TB

Tot Ion:152 Resp: 28115
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.0 189.0
 115 57.7 45.5 68.3



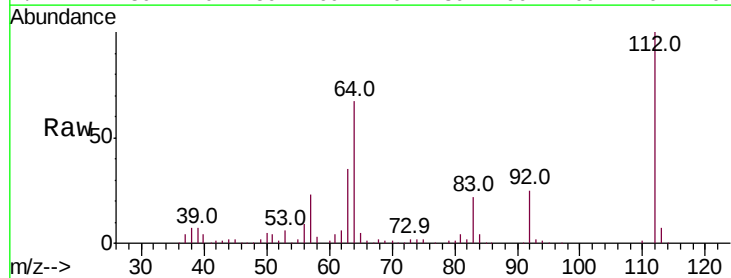
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



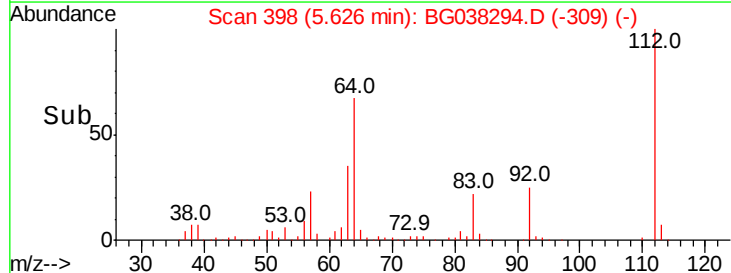
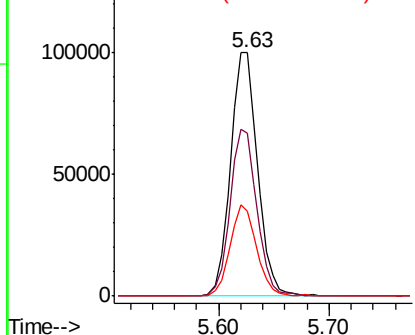
#5

2-Fluorophenol
 Concen: 106.017 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038294.D
 Acq: 1 Dec 2018 19:26

Tgt Ion:112 Resp: 172635
 Ion Ratio Lower Upper
 112 100
 64 67.1 53.1 79.7
 63 34.7 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: 101.409 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB115213TB

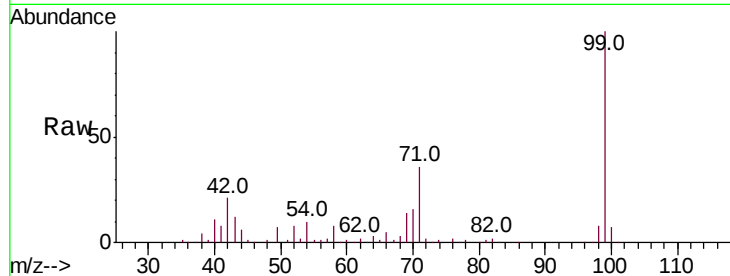
Tot Ion: 99 Resp: 235716

Ion Ratio Lower Upper

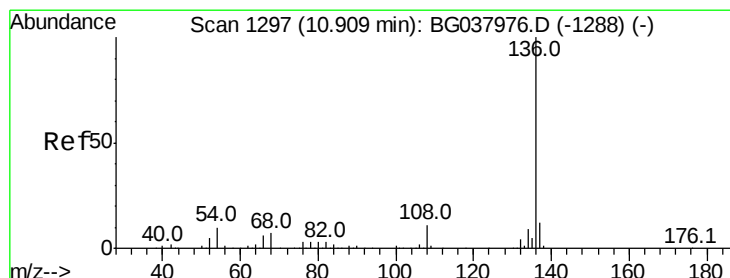
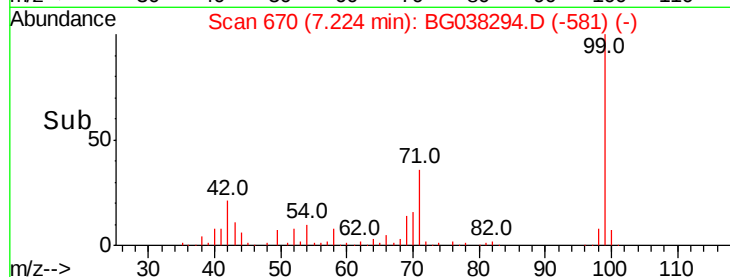
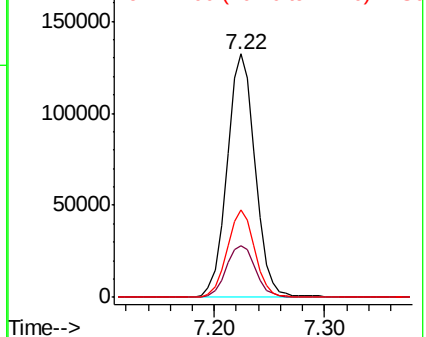
99 100

42 21.2 15.0 22.4

71 35.8 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# 1295

Delta R.T. -0.01 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

Tgt Ion: 136 Resp: 112199

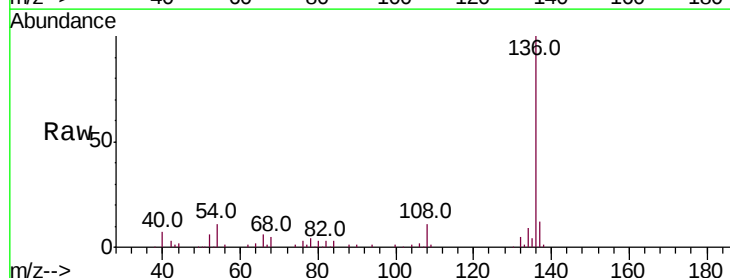
Ion Ratio Lower Upper

136 100

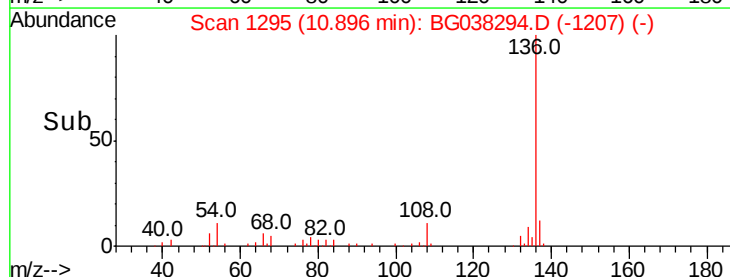
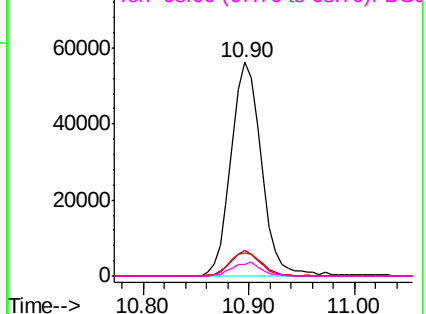
137 11.9 9.6 14.4

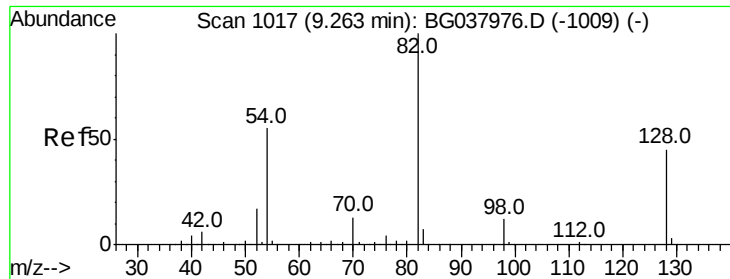
54 11.0 7.9 11.9

68 5.4 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

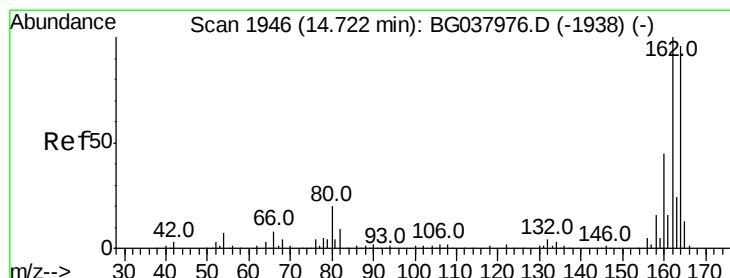
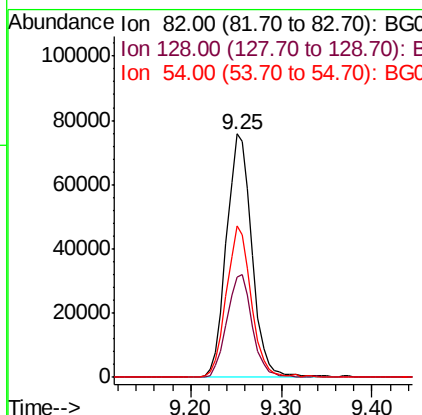
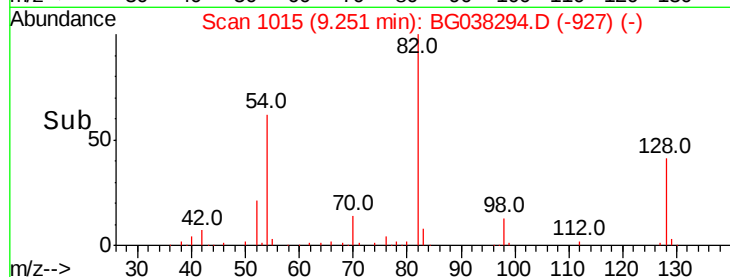
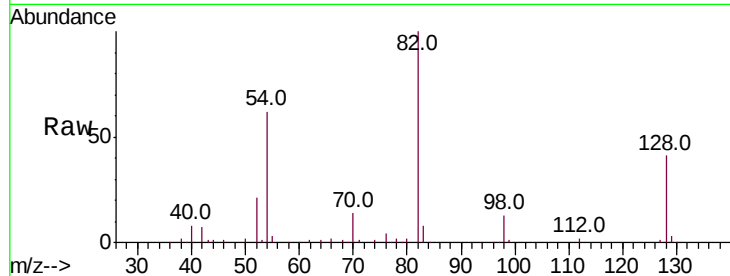




#23
Nitrobenzene-d5
Concen: 70.729 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

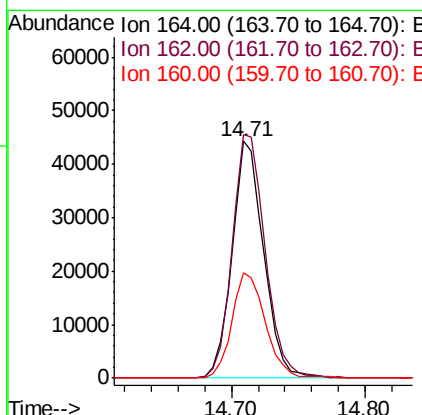
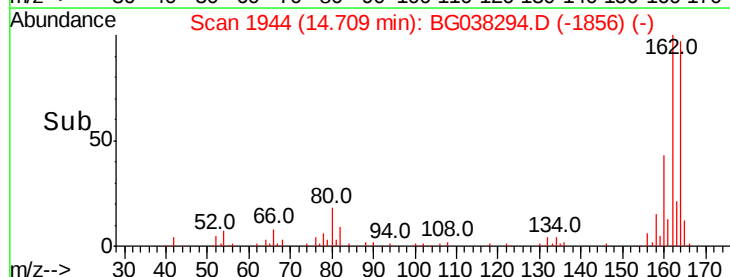
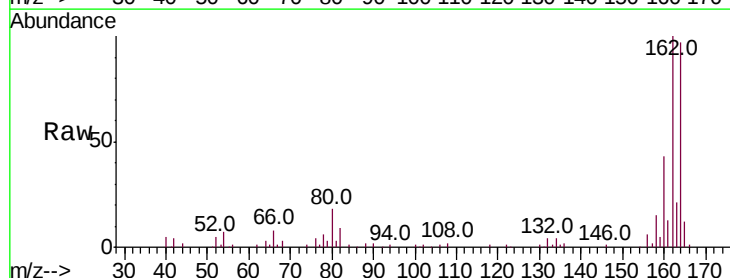
Instrument :
BNA_G
ClientSampleId :
PB115213TB

Tot Ion: 82 Resp: 148247
Ion Ratio Lower Upper
82 100
128 41.4 34.6 51.8
54 62.3 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

Tgt Ion: 164 Resp: 72669
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.5 36.3 54.5

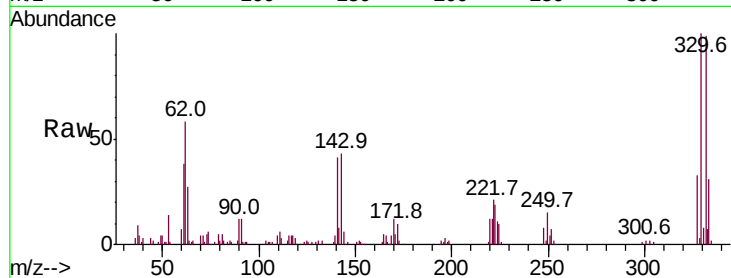




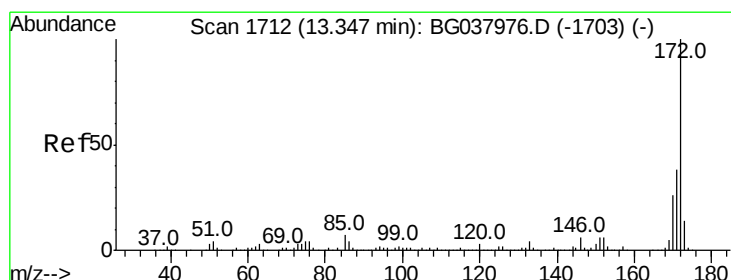
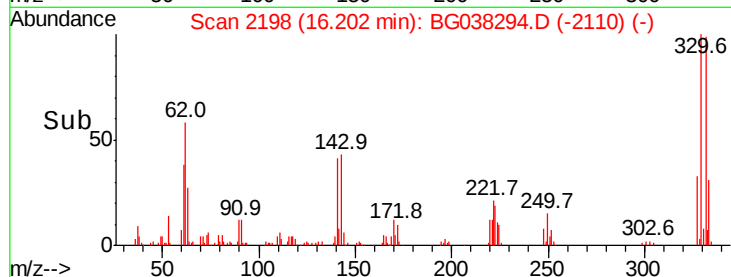
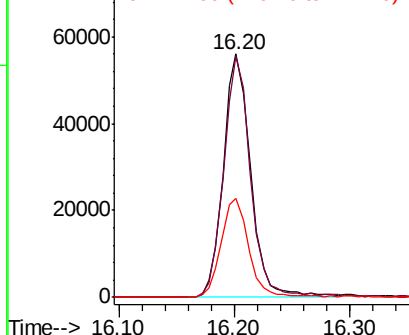
#42
 2,4,6-Tribromophenol
 Concen: 111.185 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038294.D
 Acq: 1 Dec 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115213TB

Tot Ion:330 Resp: 92147
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.4 117.6
 141 40.6 32.2 48.2

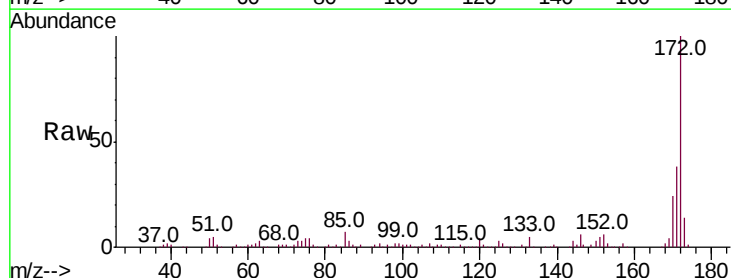


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

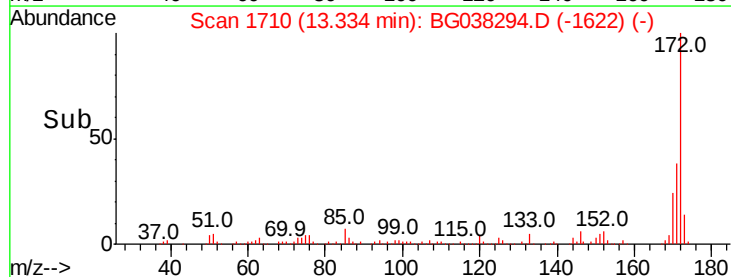
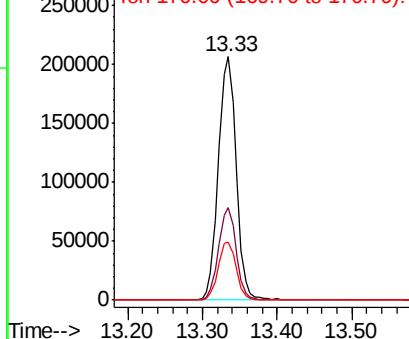


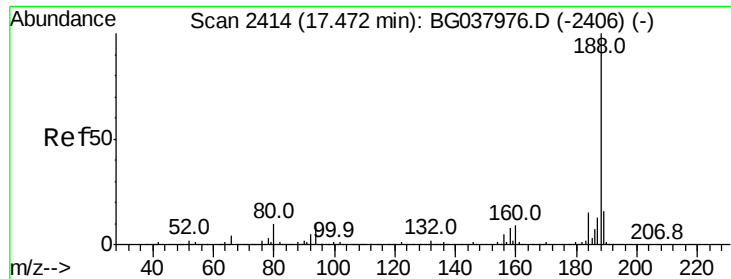
#45
 2-Fluorobiphenyl
 Concen: 68.845 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038294.D
 Acq: 1 Dec 2018 19:26

Tgt Ion:172 Resp: 343407
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 24.0 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

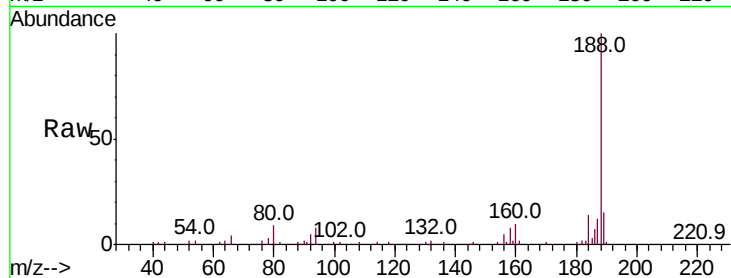




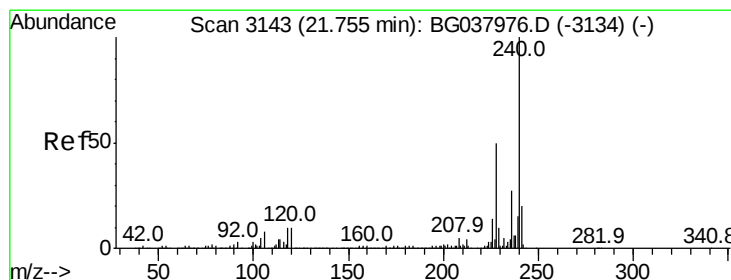
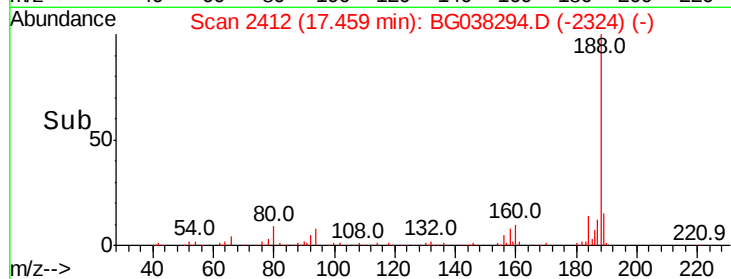
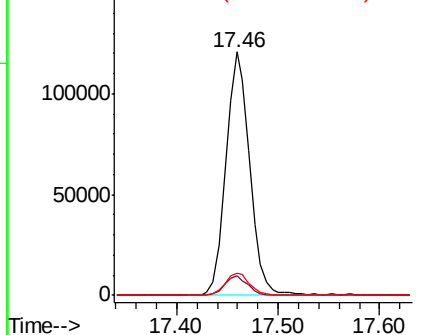
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

Instrument :
BNA_G
ClientSampleId :
PB115213TB

Tot Ion:188 Resp: 195986
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.2 7.7 11.5

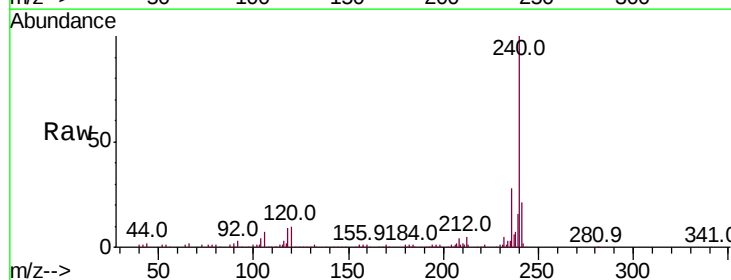


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

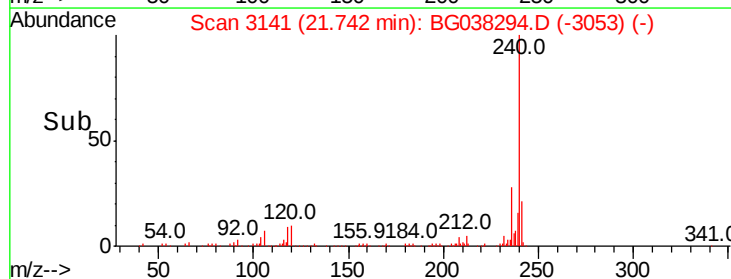
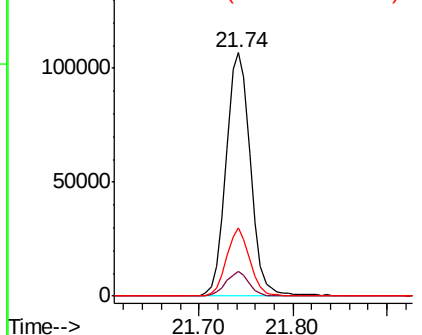


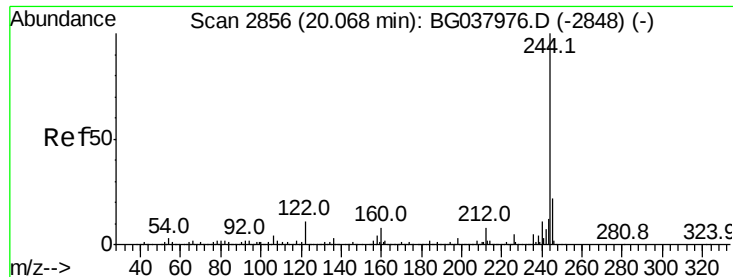
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

Tgt Ion:240 Resp: 192453
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 27.8 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: 80.327 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB115213TB

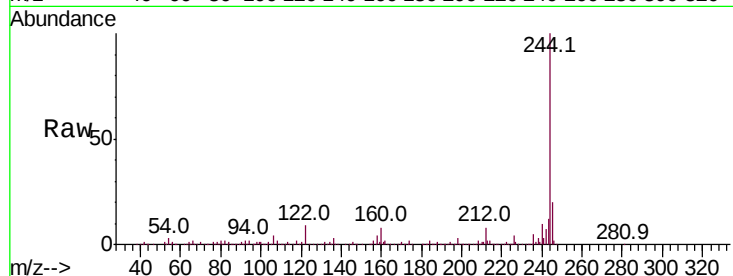
Tot Ion:244 Resp: 657000

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

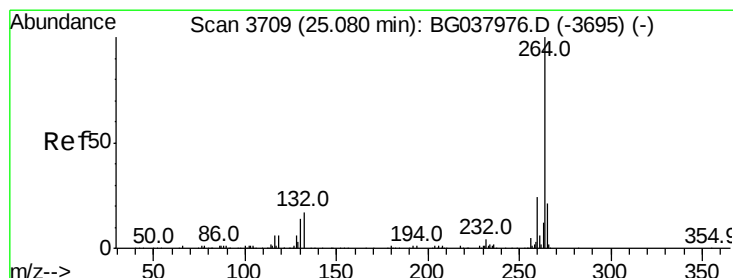
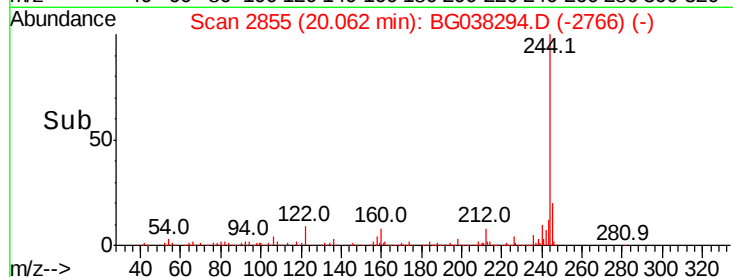
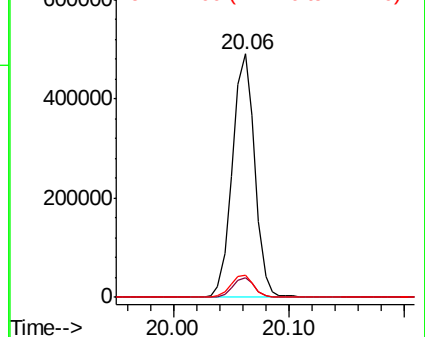
122 8.9 9.0 13.4#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

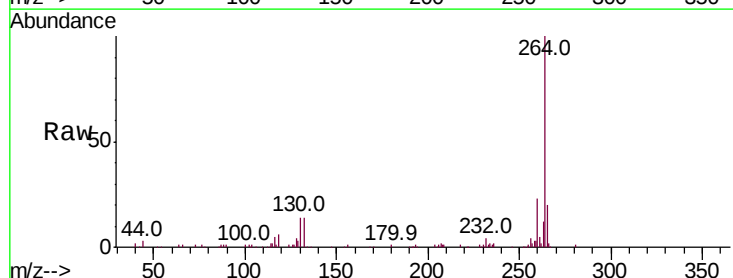
Tgt Ion:264 Resp: 196544

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 20.3 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

