

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038186.D
 Acq On : 28 Nov 2018 4:50
 Operator : JU/SJ
 Sample : PB115087TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115087TB

Quant Time: Nov 28 06:05:13 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	38588	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	164110	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106451	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	245258	20.00	ng	0.00
76) Chrysene-d12	21.75	240	239422	20.00	ng	0.00
87) Perylene-d12	25.08	264	202493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	312102	139.65	ng	0.00
7) Phenol-d6	7.23	99	444602	139.36	ng	0.00
23) Nitrobenzene-d5	9.26	82	273233	89.12	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	145240	119.63	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	636808	87.15	ng	0.00
79) Terphenyl-d14	20.07	244	1004451	98.72	ng	0.00

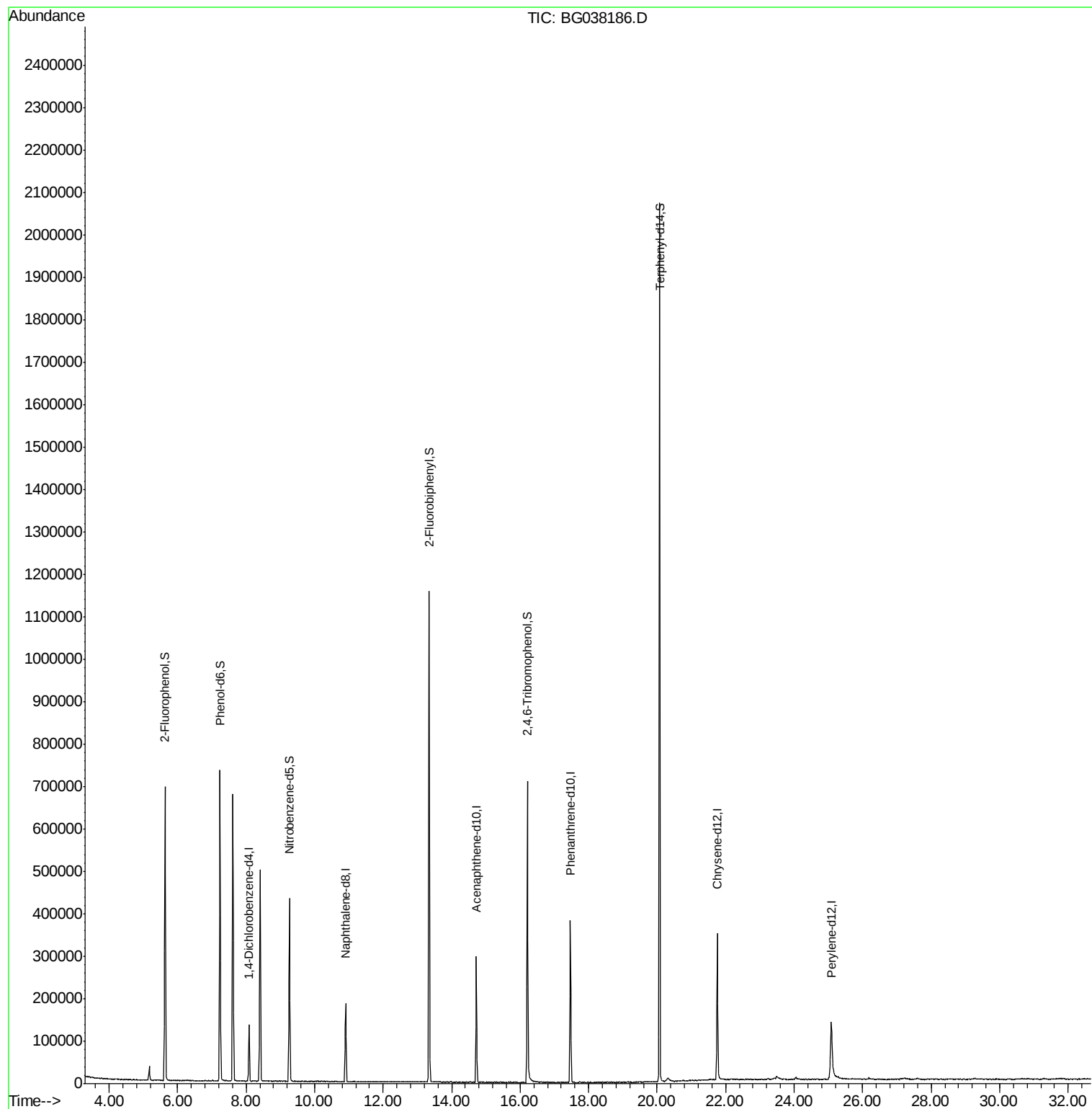
Target Compounds Qvalue

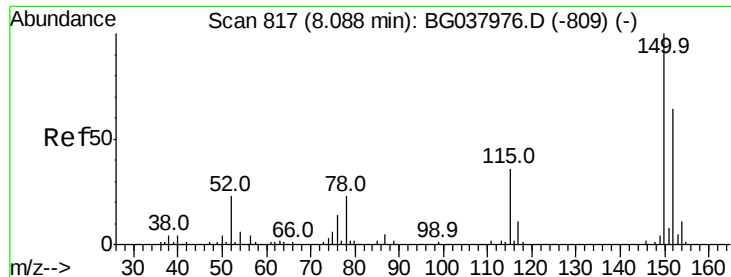
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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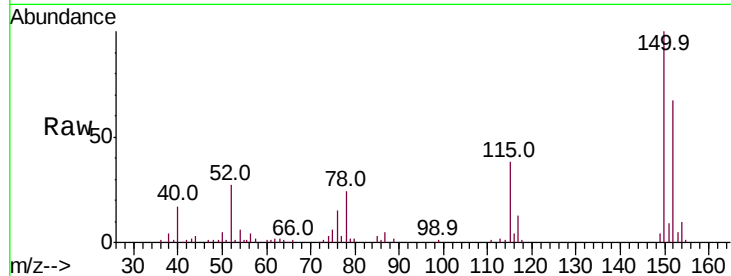


#1

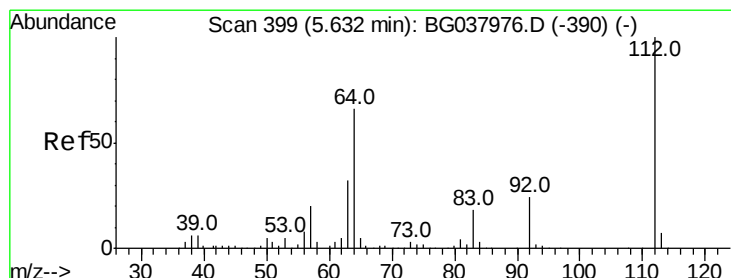
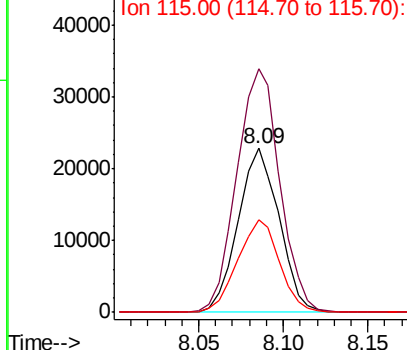
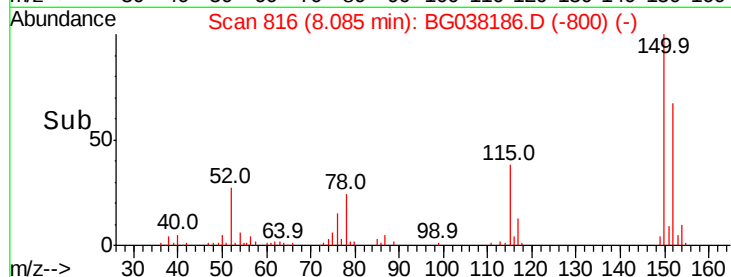
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038186.D
Acq: 28 Nov 2018 4:50

Instrument :
BNA_G
ClientSampleId :
PB115087TB

Tot Ion:152 Resp: 38588
Ion Ratio Lower Upper
152 100
150 148.5 126.0 189.0
115 56.1 45.5 68.3



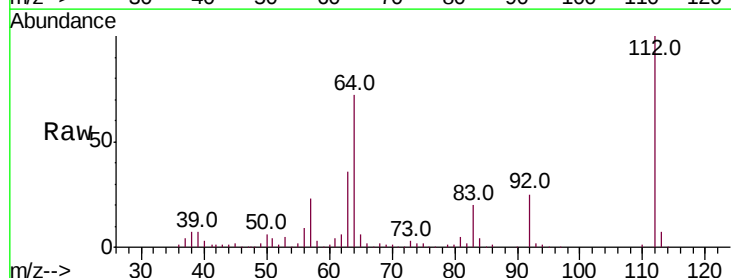
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



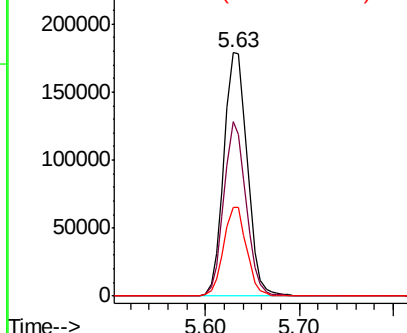
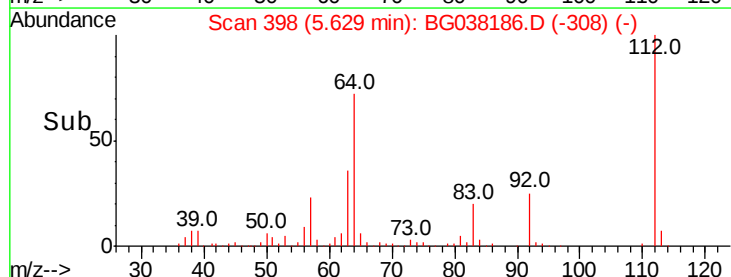
#5

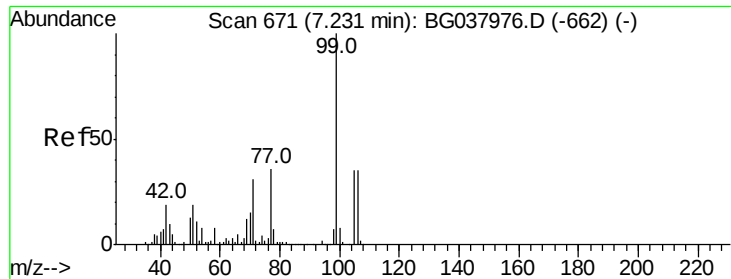
2-Fluorophenol
Concen: 139.646 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038186.D
Acq: 28 Nov 2018 4:50

Tgt Ion:112 Resp: 312102
Ion Ratio Lower Upper
112 100
64 71.9 53.1 79.7
63 36.4 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: 139.362 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038186.D

Acq: 28 Nov 2018 4:50

Instrument :

BNA_G

ClientSampleId :

PB115087TB

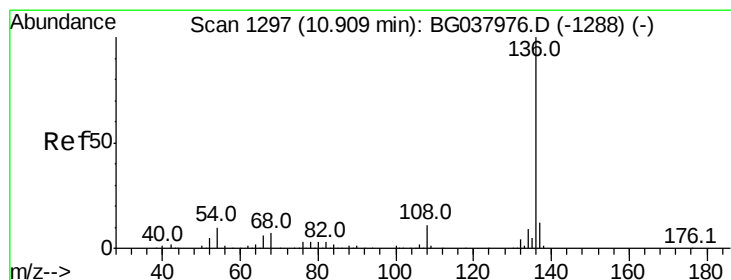
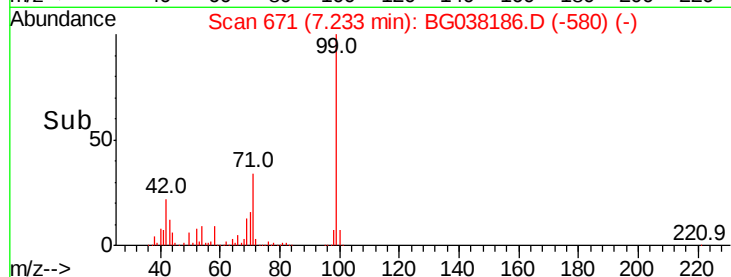
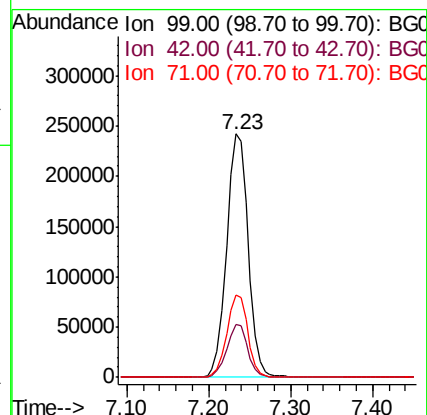
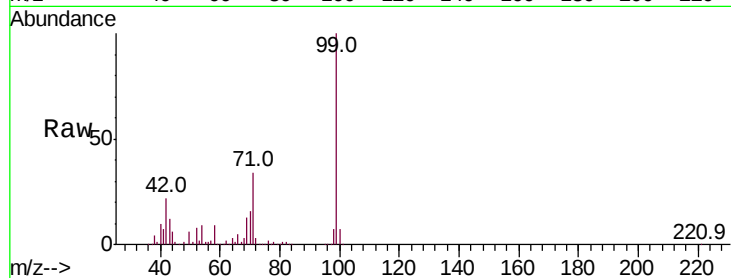
Tot Ion: 99 Resp: 444602

Ion Ratio Lower Upper

99 100

42 21.5 15.0 22.4

71 34.0 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038186.D

Acq: 28 Nov 2018 4:50

Tgt Ion: 136 Resp: 164110

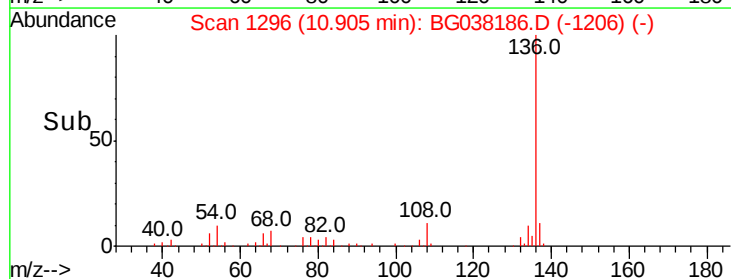
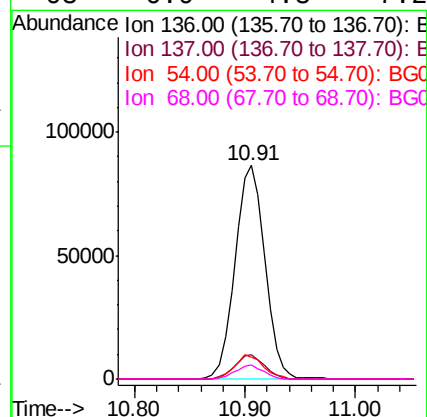
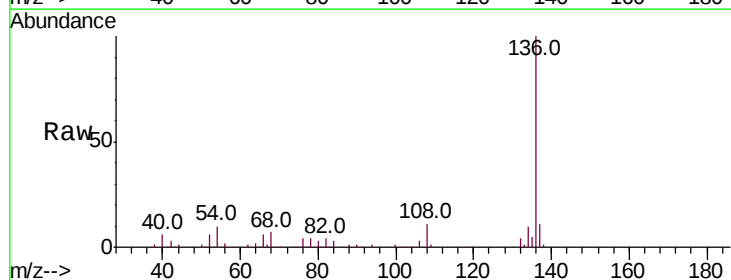
Ion Ratio Lower Upper

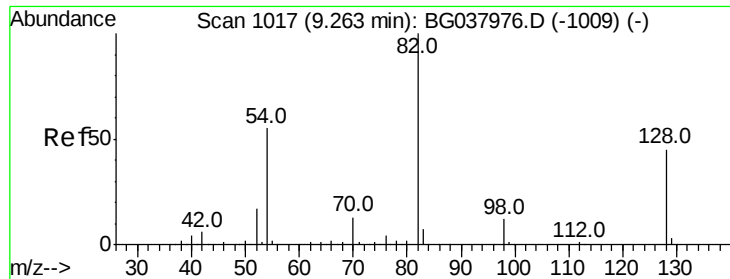
136 100

137 11.1 9.6 14.4

54 10.2 7.9 11.9

68 6.9 4.8 7.2

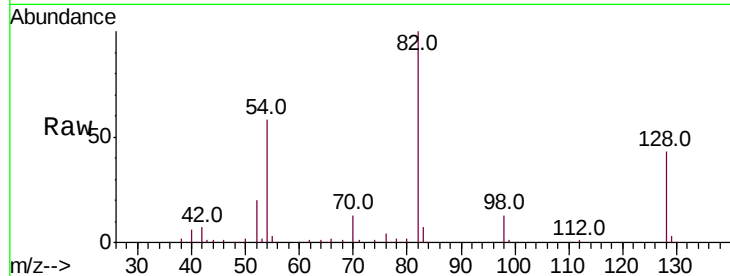




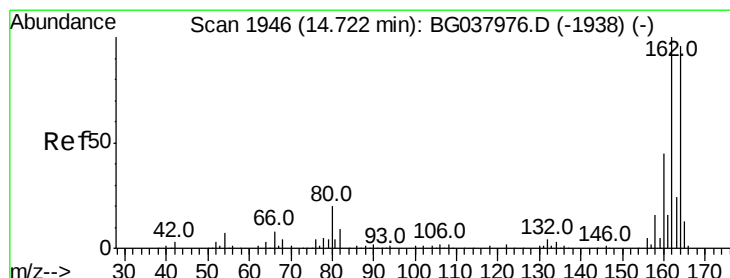
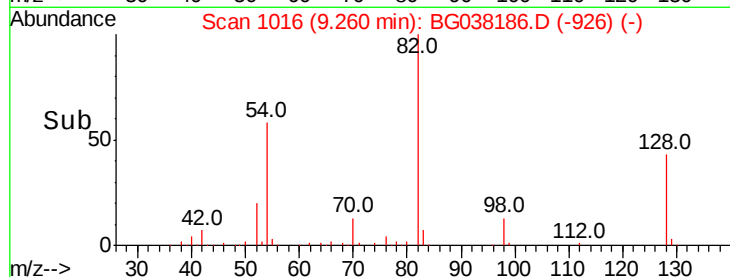
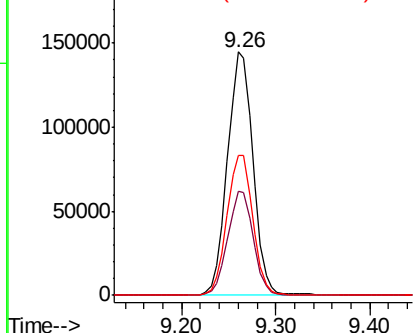
#23
Nitrobenzene-d5
Concen: 89.125 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038186.D
Acq: 28 Nov 2018 4:50

Instrument :
BNA_G
ClientSampleId :
PB115087TB

Tot Ion: 82 Resp: 273233
Ion Ratio Lower Upper
82 100
128 42.5 34.6 51.8
54 57.5 45.3 67.9

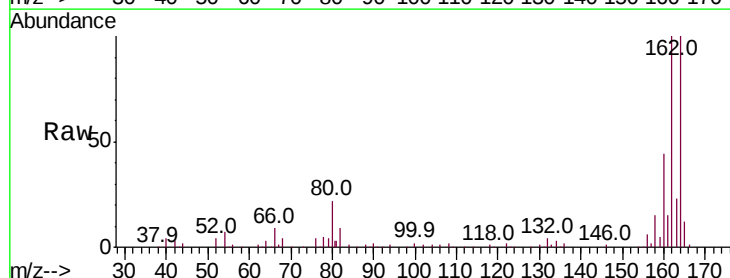


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

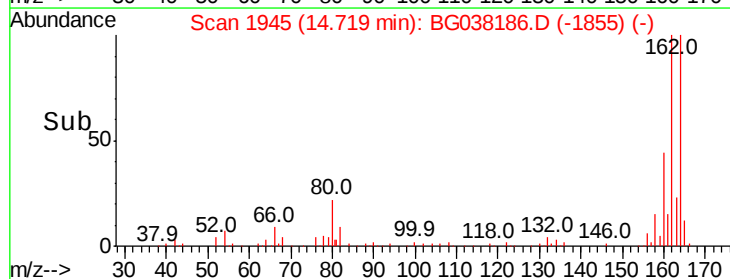
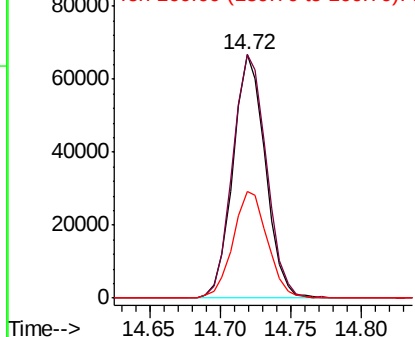


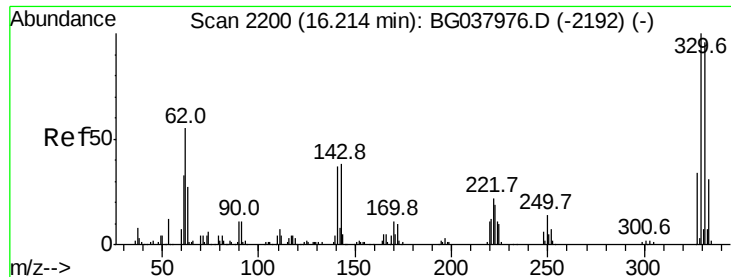
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038186.D
Acq: 28 Nov 2018 4:50

Tgt Ion: 164 Resp: 106451
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 43.9 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

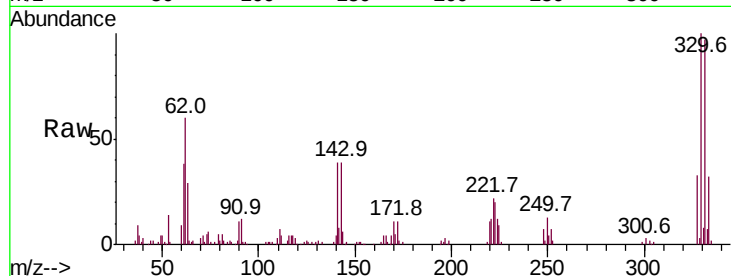




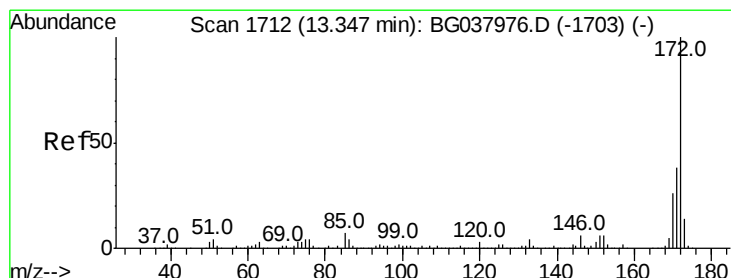
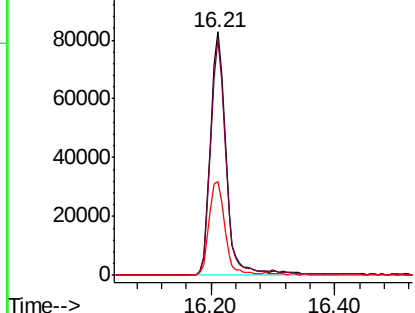
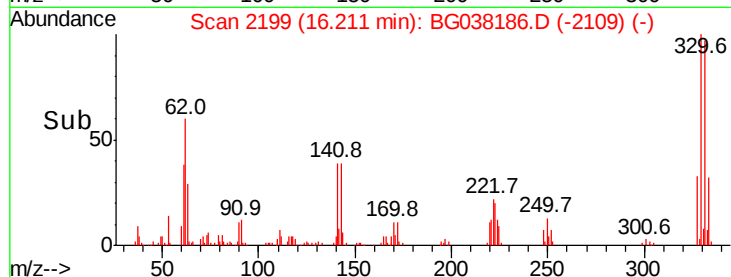
#42
 2,4,6-Tribromophenol
 Concen: 119.633 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038186.D
 Acq: 28 Nov 2018 4:50

Instrument :
 BNA_G
 ClientSampleId :
 PB115087TB

Tot Ion:330 Resp: 145240
 Ion Ratio Lower Upper
 330 100
 332 92.5 78.4 117.6
 141 38.6 32.2 48.2

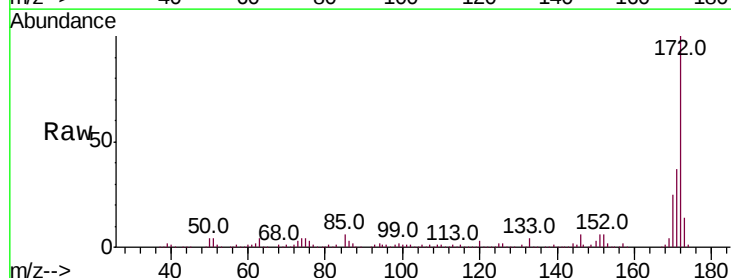


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

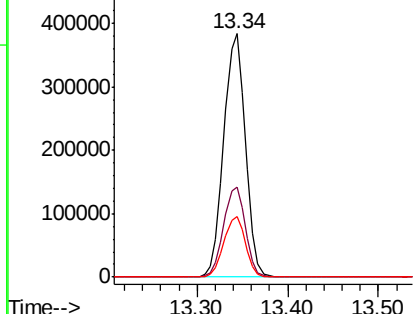
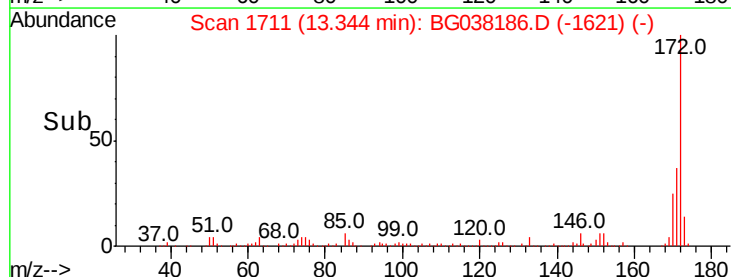


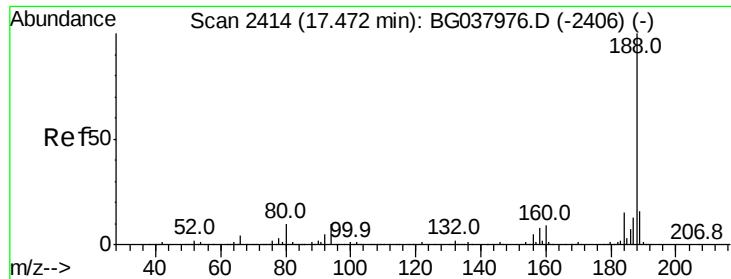
#45
 2-Fluorobiphenyl
 Concen: 87.151 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038186.D
 Acq: 28 Nov 2018 4:50

Tgt Ion:172 Resp: 636808
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.0 46.4
 170 24.8 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

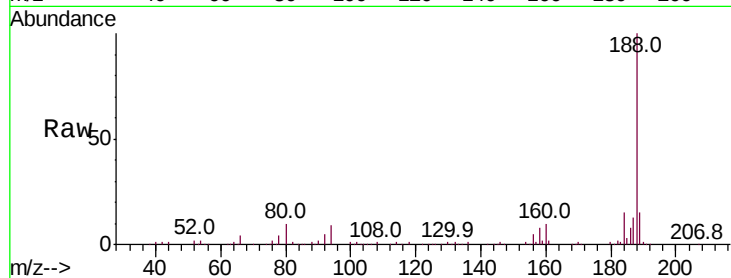




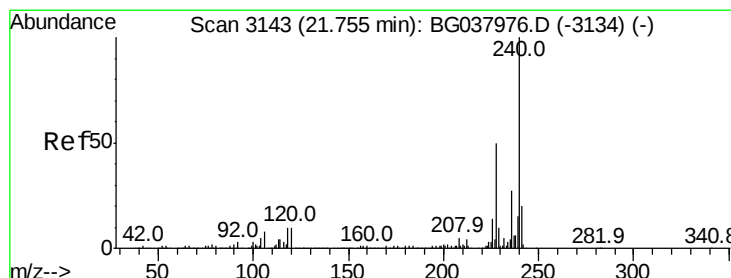
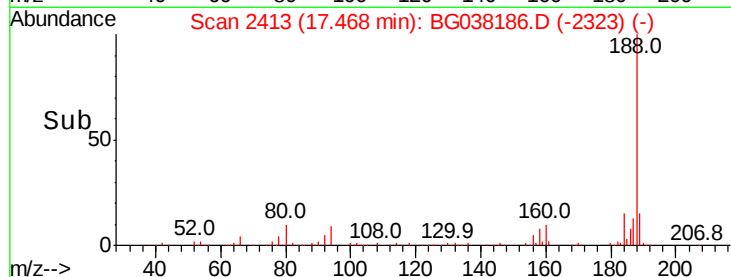
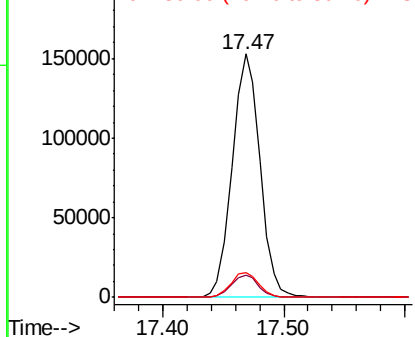
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038186.D
Acq: 28 Nov 2018 4:50

Instrument :
BNA_G
ClientSampleId :
PB115087TB

Tot Ion:188 Resp: 245258
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.0 7.7 11.5

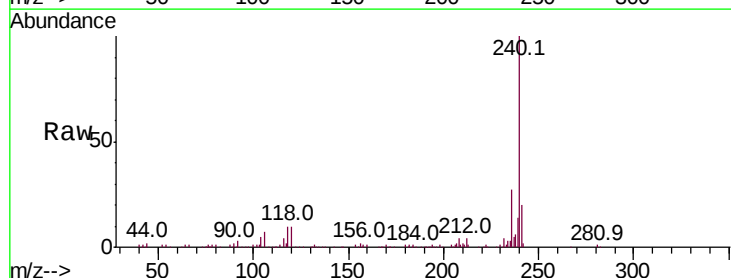


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

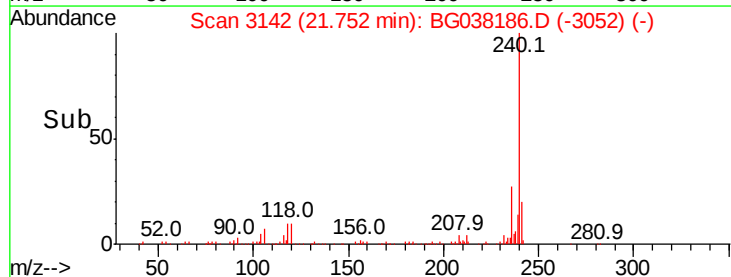
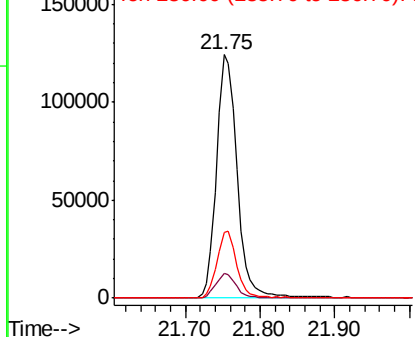


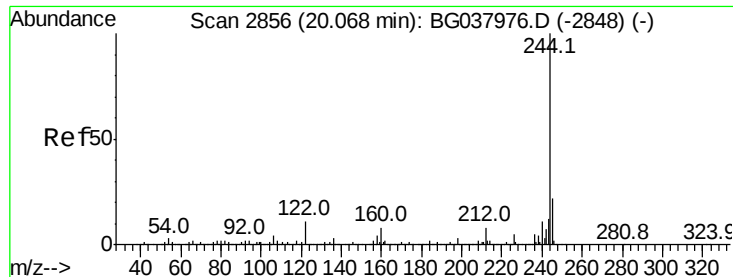
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038186.D
Acq: 28 Nov 2018 4:50

Tgt Ion:240 Resp: 239422
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 27.2 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: 98.716 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038186.D

Acq: 28 Nov 2018 4:50

Instrument :

BNA_G

ClientSampleId :

PB115087TB

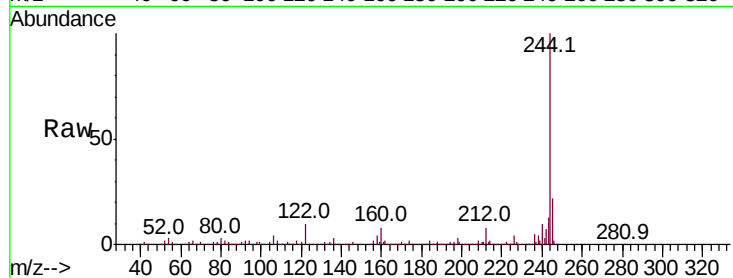
Tot Ion:244 Resp: 1004451

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

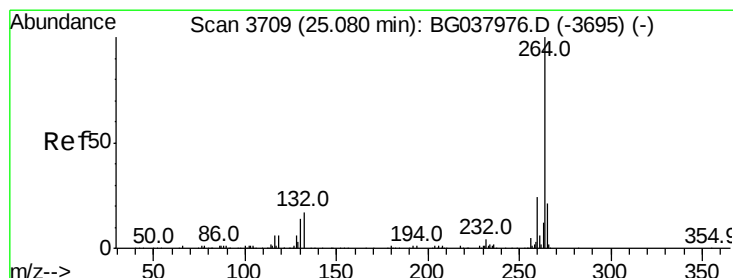
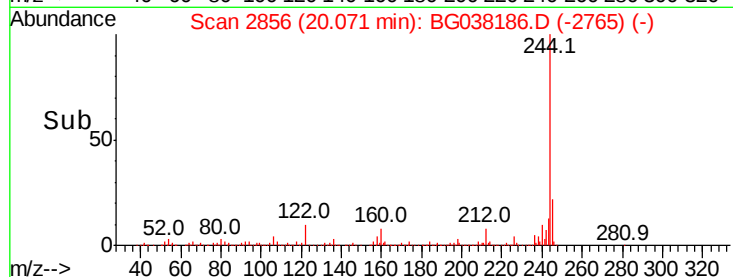
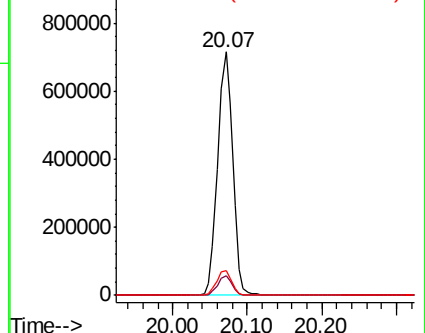
122 10.2 9.0 13.4



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: BG038186.D

Acq: 28 Nov 2018 4:50

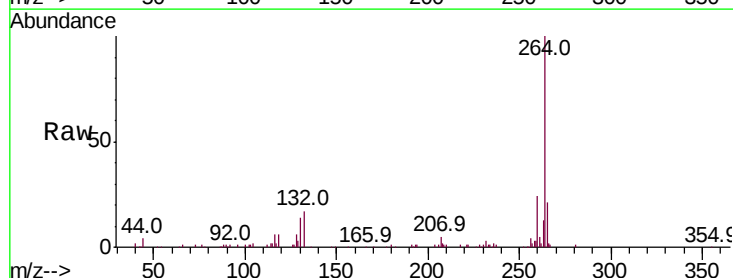
Tgt Ion:264 Resp: 202493

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.2 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

