

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038086.D
 Acq On : 20 Nov 2018 15:31
 Operator : JU/SJ
 Sample : J5980-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TS

Quant Time: Nov 20 16:35:59 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	45051	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	193238	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	117862	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	258718	20.00	ng	0.00
76) Chrysene-d12	21.75	240	240416	20.00	ng	0.00
87) Perylene-d12	25.08	264	251278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	126647	48.54	ng	0.00
7) Phenol-d6	7.23	99	108054	29.01	ng	0.00
23) Nitrobenzene-d5	9.27	82	284979	78.94	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	139697	103.93	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	641046	79.24	ng	0.00
79) Terphenyl-d14	20.07	244	835485	81.77	ng	0.00

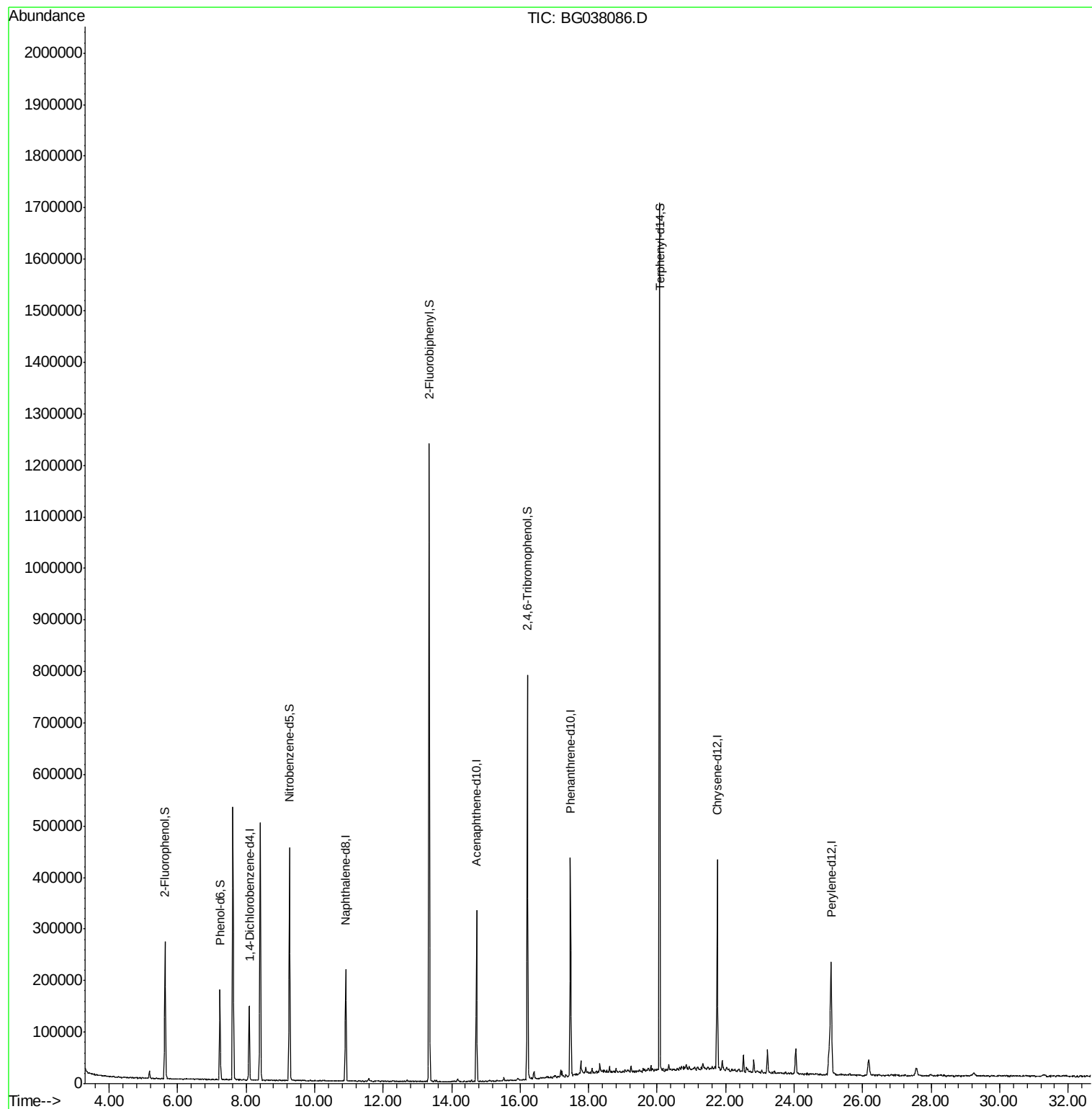
Target Compounds Qvalue

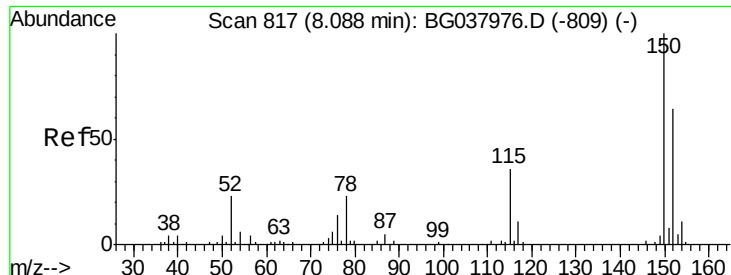
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038086.D

Acq: 20 Nov 2018 15:31

Instrument :

BNA_G

ClientSampled :

TS

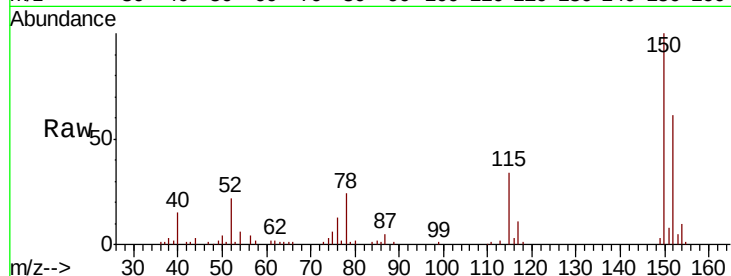
Tot Ion:152 Resp: 45051

Ion Ratio Lower Upper

152 100

150 163.5 126.0 189.0

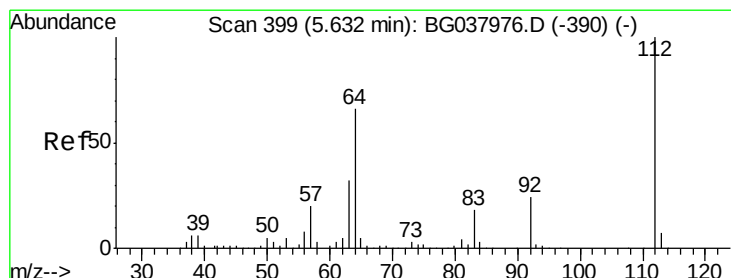
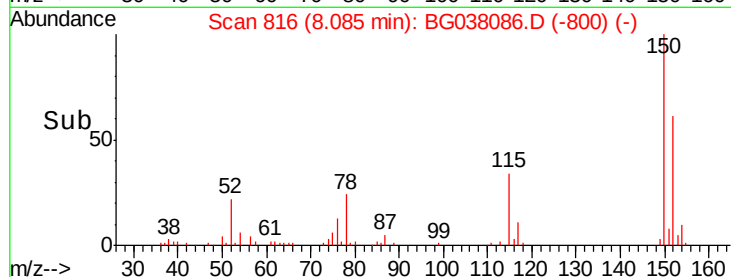
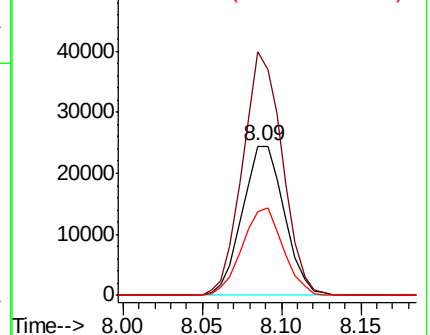
115 56.1 45.5 68.3



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: 48.537 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038086.D

Acq: 20 Nov 2018 15:31

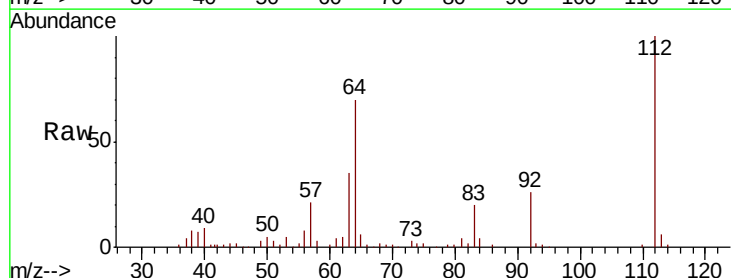
Tgt Ion:112 Resp: 126647

Ion Ratio Lower Upper

112 100

64 70.0 53.1 79.7

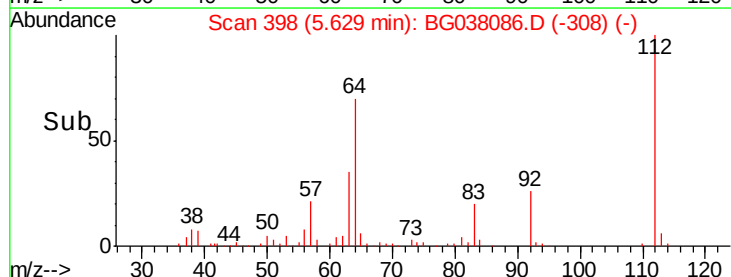
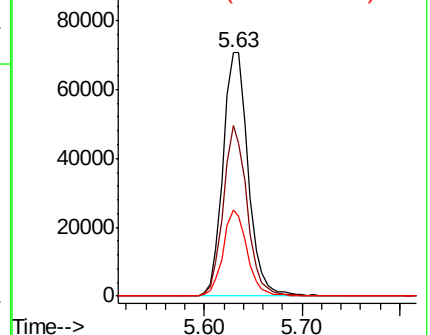
63 35.2 27.3 40.9

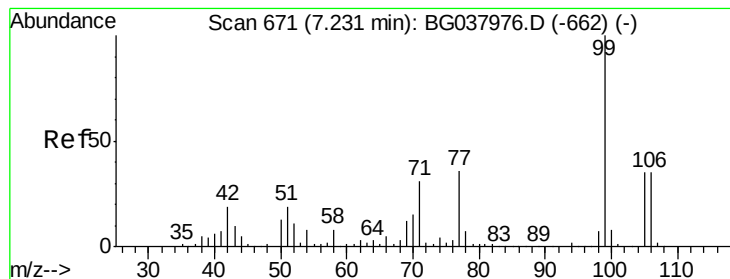


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 29.011 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038086.D

Acq: 20 Nov 2018 15:31

Instrument :

BNA_G

ClientSampleId :

TS

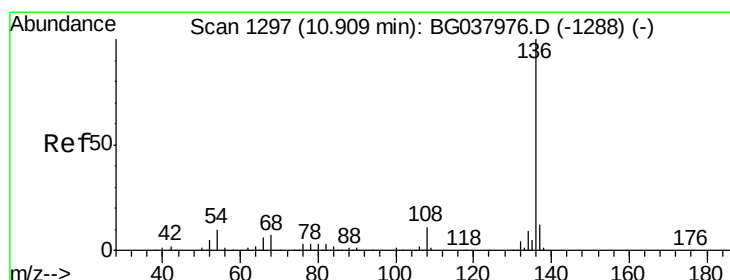
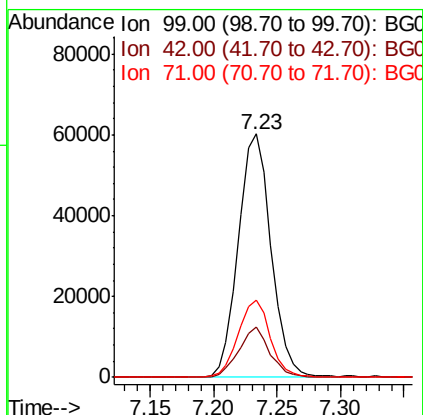
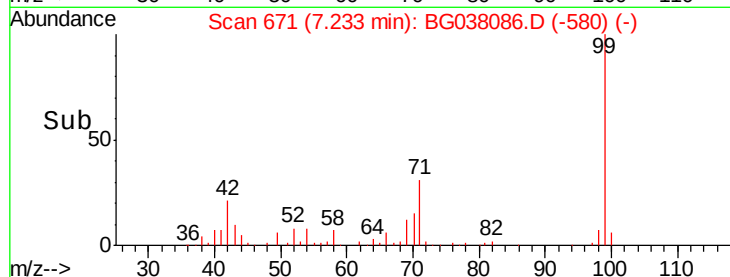
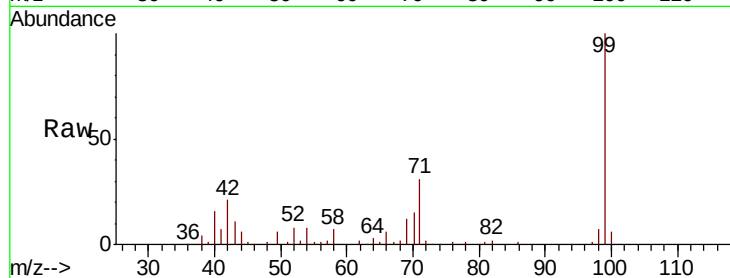
Tot Ion: 99 Resp: 108054

Ion Ratio Lower Upper

99 100

42 20.9 15.0 22.4

71 31.5 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: BG038086.D

Acq: 20 Nov 2018 15:31

Tgt Ion: 136 Resp: 193238

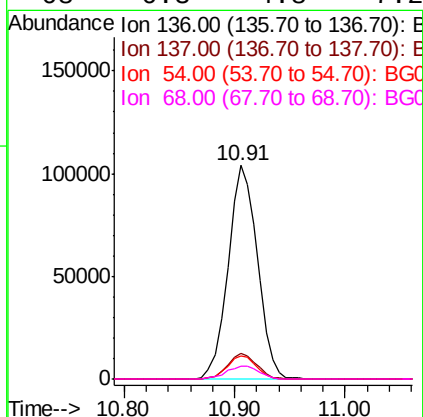
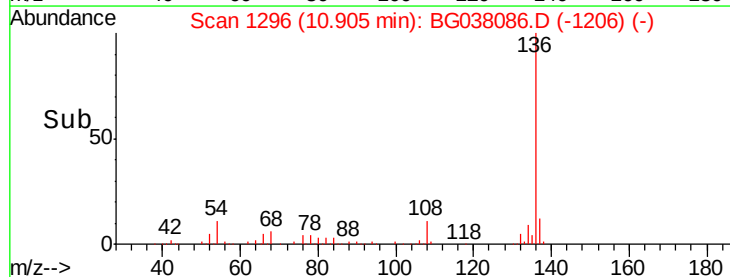
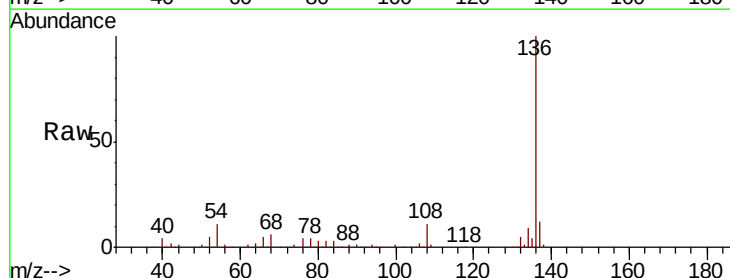
Ion Ratio Lower Upper

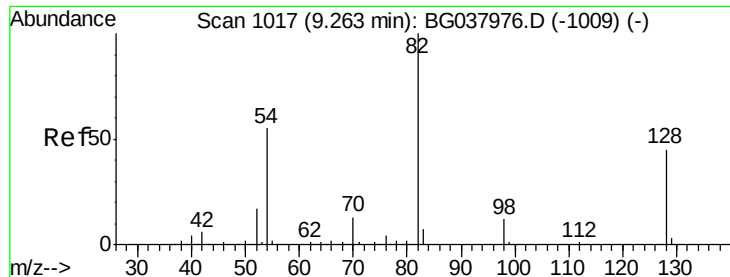
136 100

137 11.9 9.6 14.4

54 10.8 7.9 11.9

68 6.3 4.8 7.2

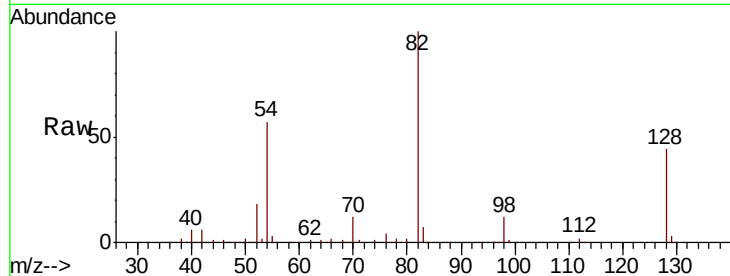




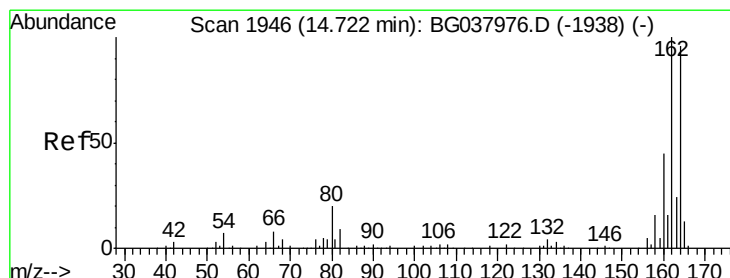
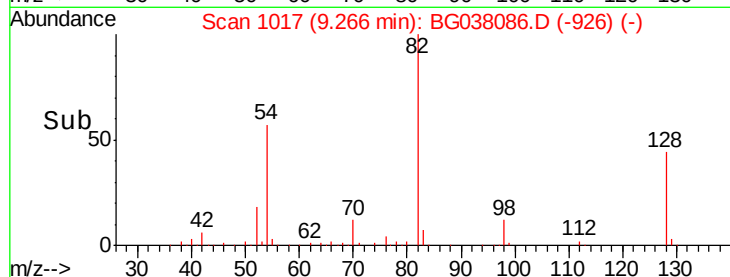
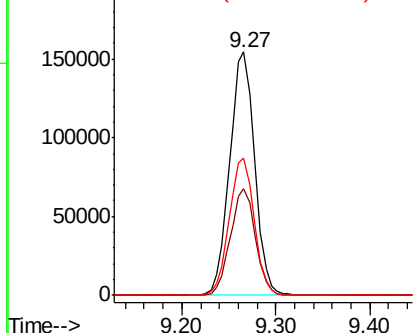
#23
 Nitrobenzene-d5
 Concen: 78.944 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038086.D
 Acq: 20 Nov 2018 15:31

Instrument :
 BNA_G
 ClientSampled :
 TS

Tot Ion: 82 Resp: 284979
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 51.8
 54 56.6 45.3 67.9

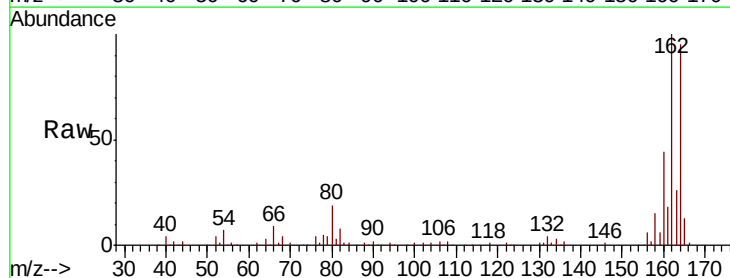


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

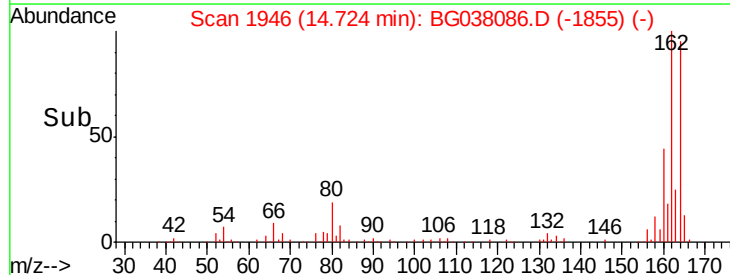
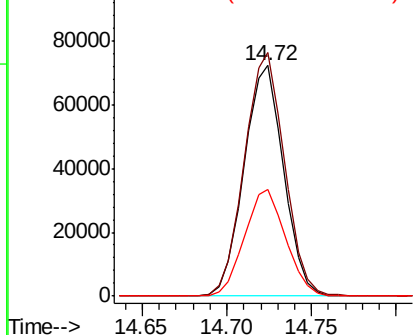


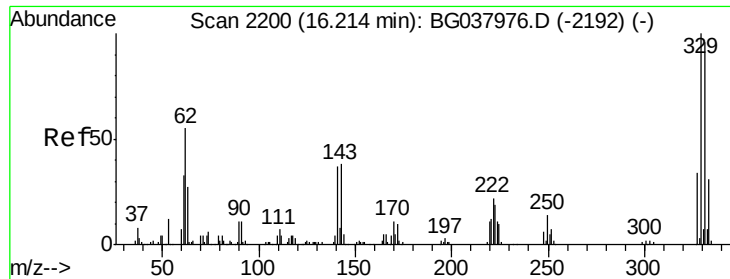
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG038086.D
 Acq: 20 Nov 2018 15:31

Tgt Ion:164 Resp: 117862
 Ion Ratio Lower Upper
 164 100
 162 105.6 81.3 121.9
 160 46.1 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: 103.927 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038086.D

Acq: 20 Nov 2018 15:31

Instrument :

BNA_G

ClientSampled :

TS

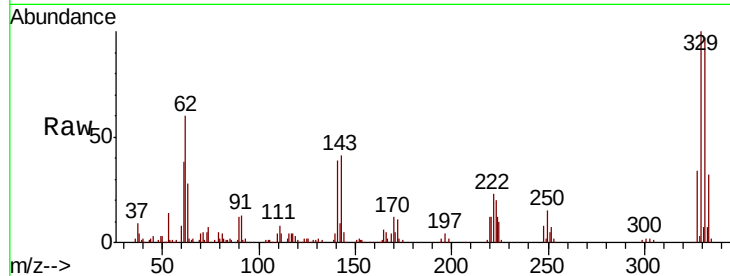
Tot Ion:330 Resp: 139697

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

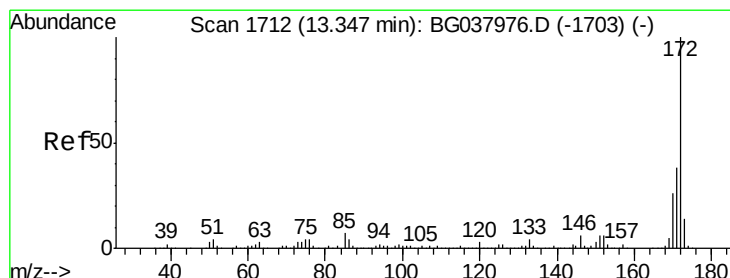
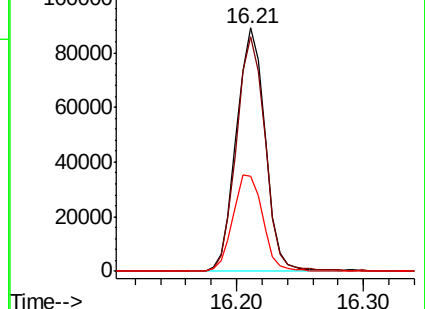
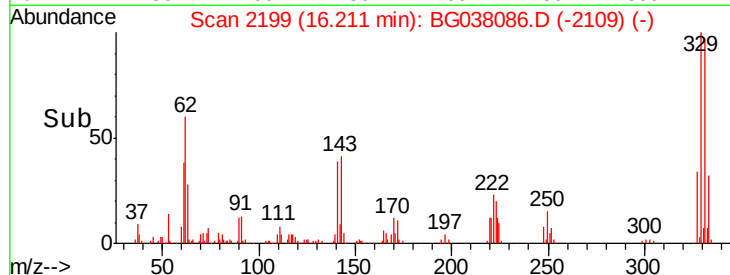
141 41.1 32.2 48.2



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: 79.237 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG038086.D

Acq: 20 Nov 2018 15:31

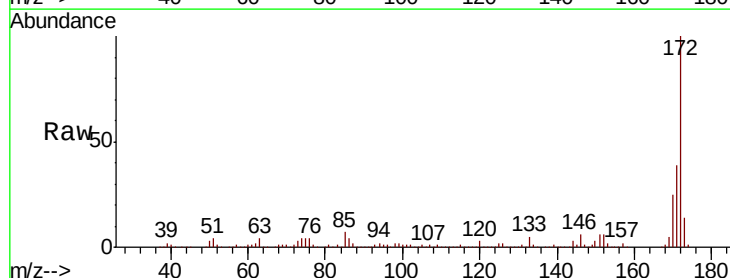
Tgt Ion:172 Resp: 641046

Ion Ratio Lower Upper

172 100

171 38.5 31.0 46.4

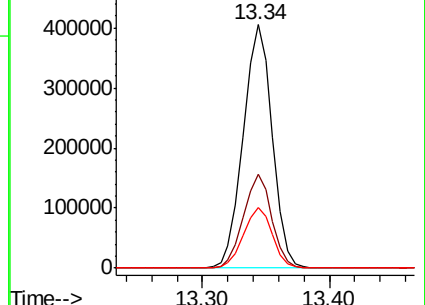
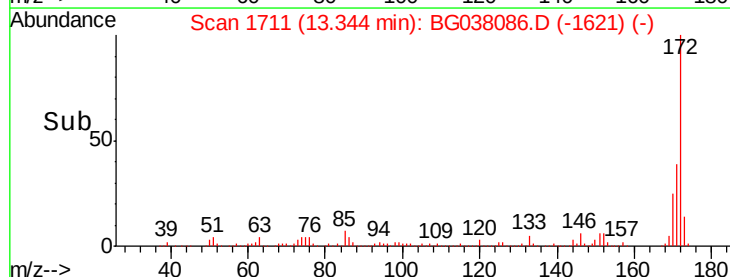
170 25.0 20.2 30.2

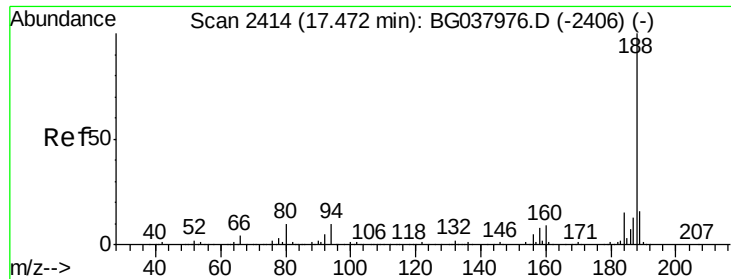


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038086.D

Acq: 20 Nov 2018 15:31

Instrument :

BNA_G

ClientSampleId :

TS

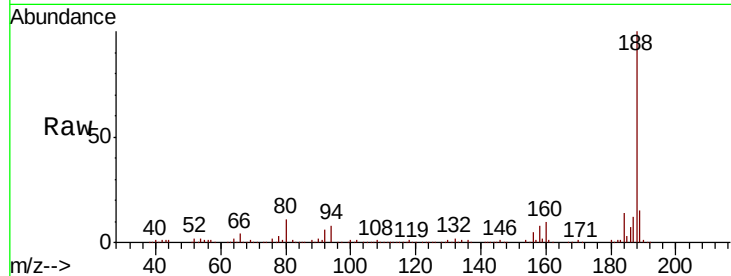
Tot Ion:188 Resp: 258718

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

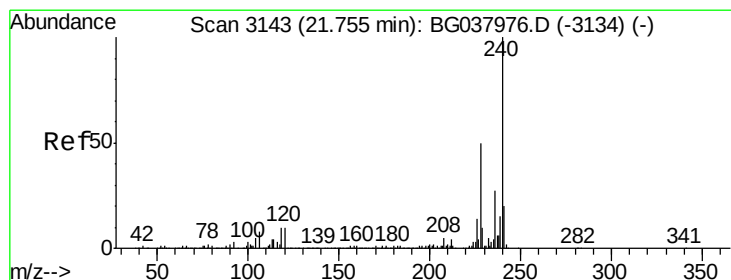
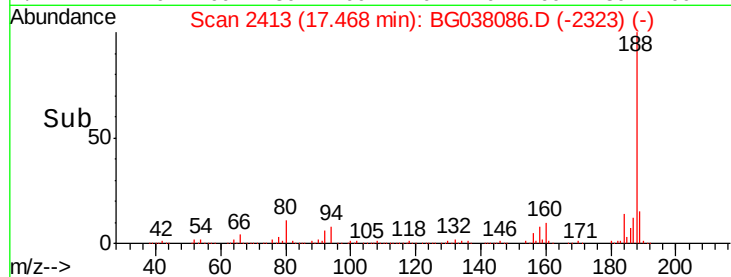
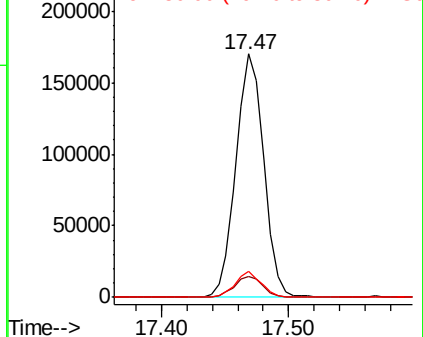
80 10.6 7.7 11.5



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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038086.D

Acq: 20 Nov 2018 15:31

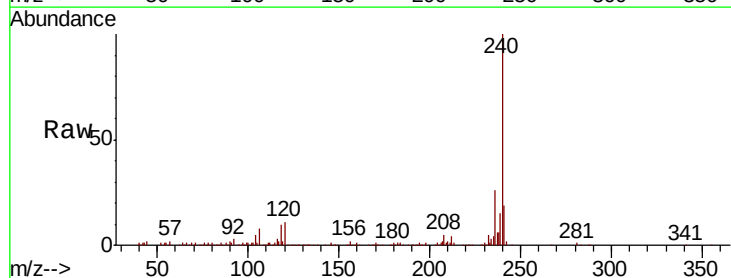
Tgt Ion:240 Resp: 240416

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

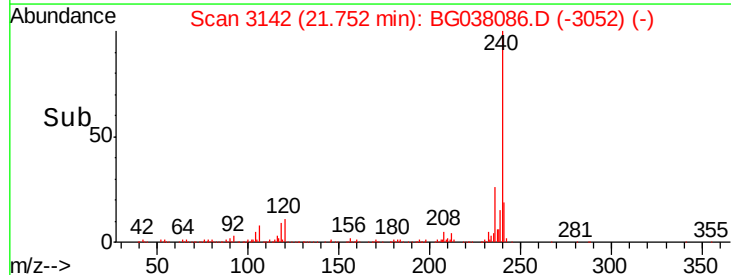
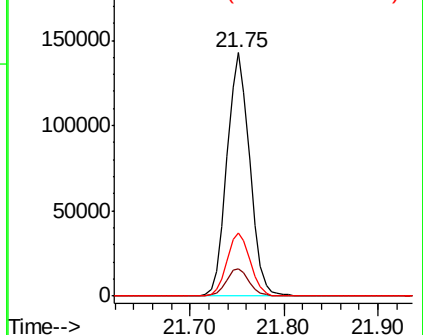
236 25.8 21.4 32.0

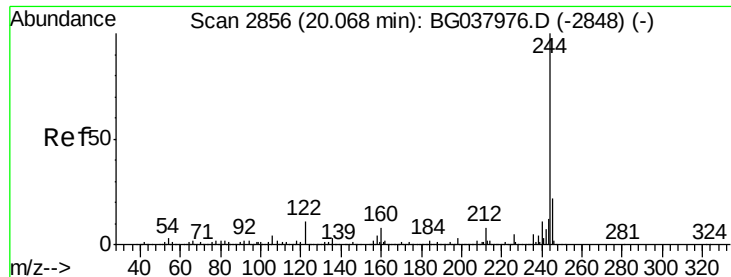


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.771 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038086.D

Acq: 20 Nov 2018 15:31

Instrument :

BNA_G

ClientSampleId :

TS

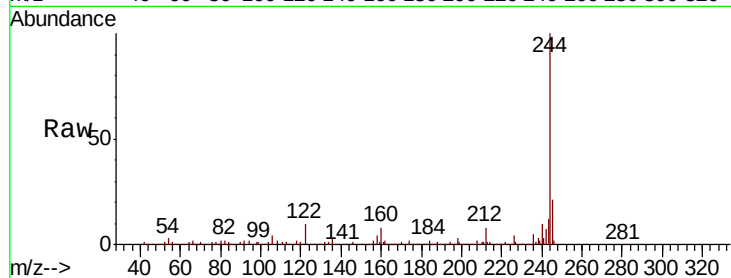
Tot Ion:244 Resp: 835485

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

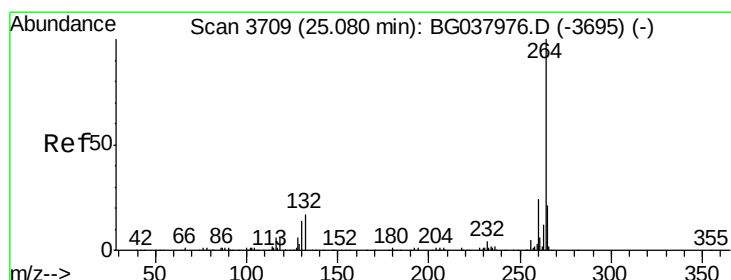
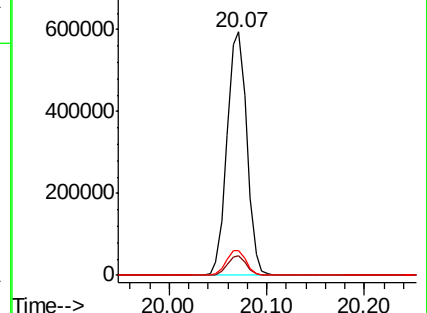
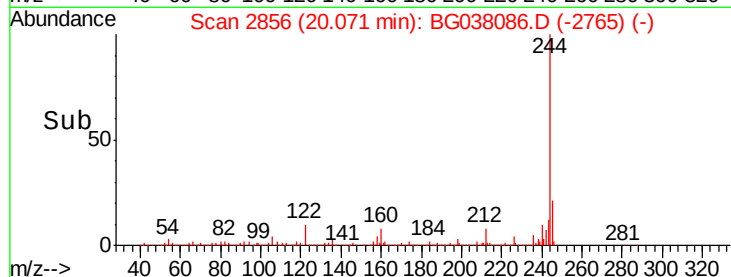
122 10.2 9.0 13.4



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# 3708

Delta R.T. -0.00 min

Lab File: BG038086.D

Acq: 20 Nov 2018 15:31

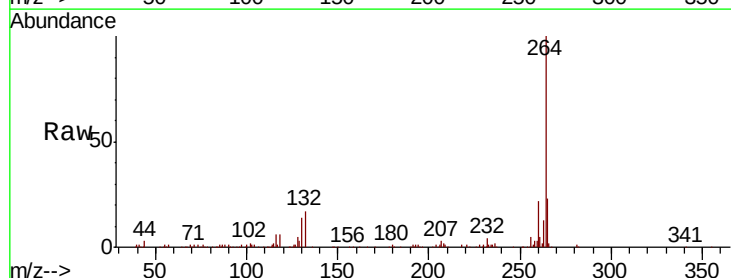
Tgt Ion:264 Resp: 251278

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 22.6 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

