

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038254.D
 Acq On : 30 Nov 2018 12:46
 Operator : JU/SJ
 Sample : J6083-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Nov 30 13:40:52 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	35548	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	156917	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	96262	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	215084	20.00	ng	0.00
76) Chrysene-d12	21.75	240	204254	20.00	ng	0.00
87) Perylene-d12	25.08	264	141535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	227409	110.45	ng	0.00
7) Phenol-d6	7.23	99	296136	100.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	225912	77.07	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	80999	73.78	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	471429	71.35	ng	-0.01
79) Terphenyl-d14	20.06	244	805009	92.74	ng	0.00

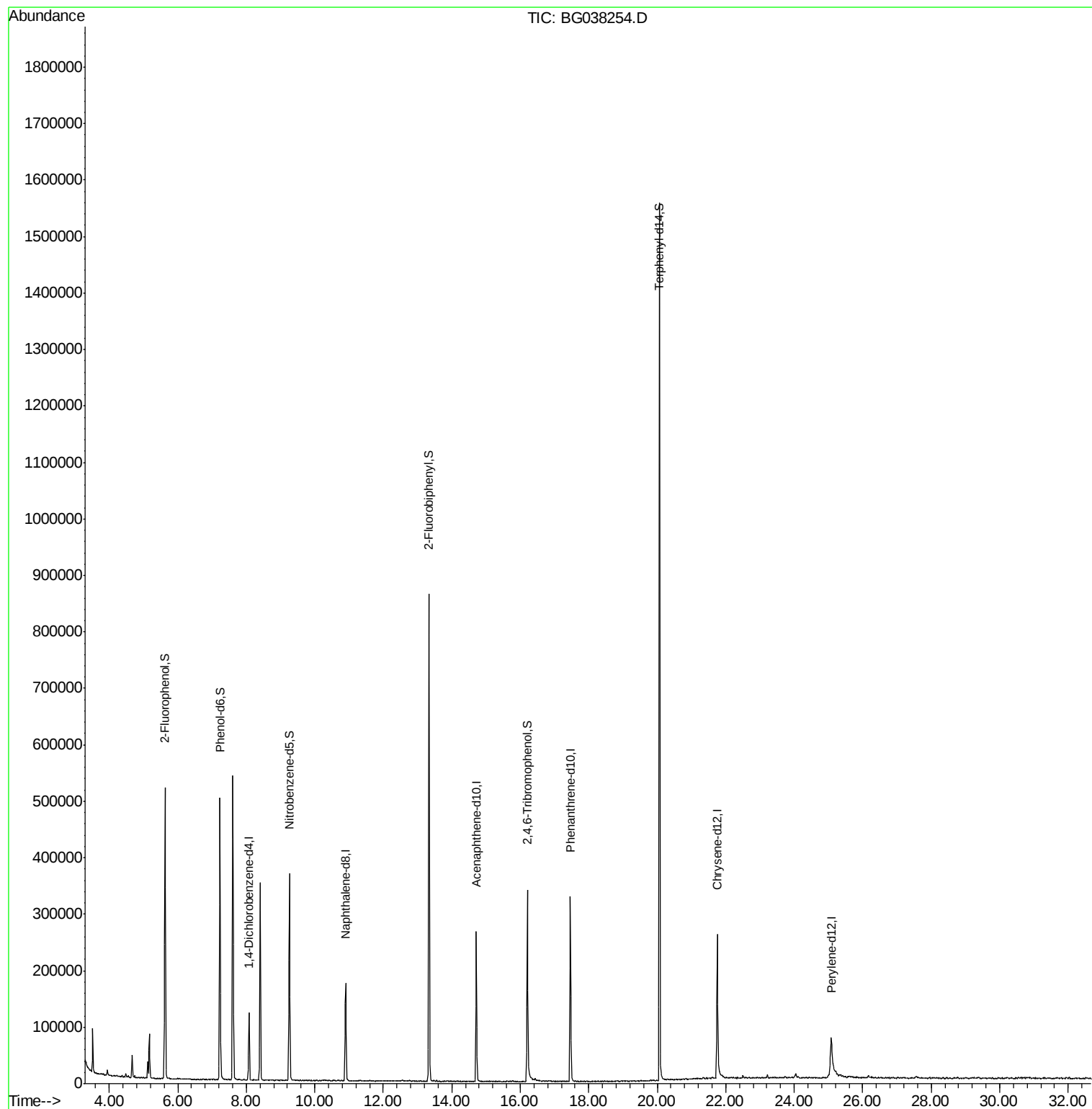
Target Compounds Qvalue

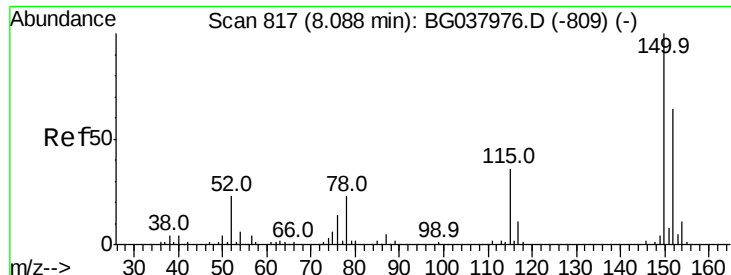
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

Instrument :

BNA_G

ClientSampleId :

WC-1

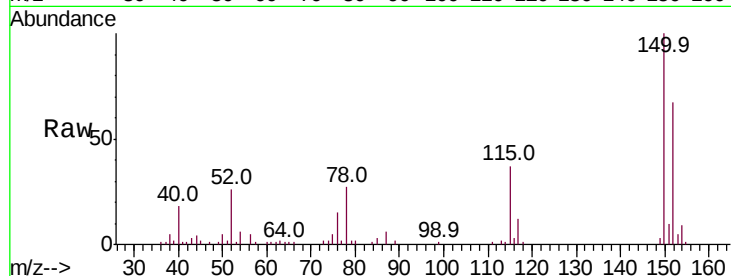
Tot Ion:152 Resp: 35548

Ion Ratio Lower Upper

152 100

150 149.3 126.0 189.0

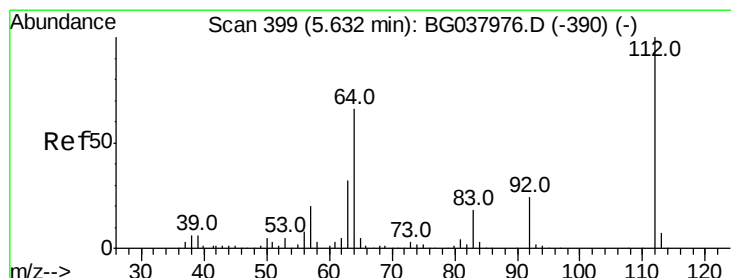
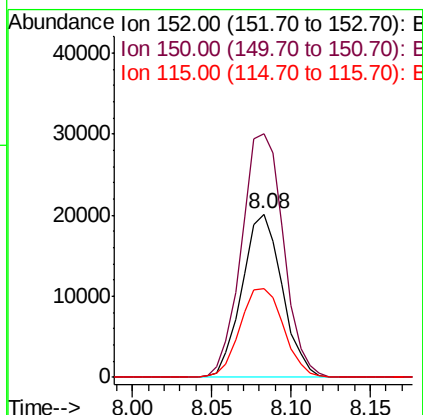
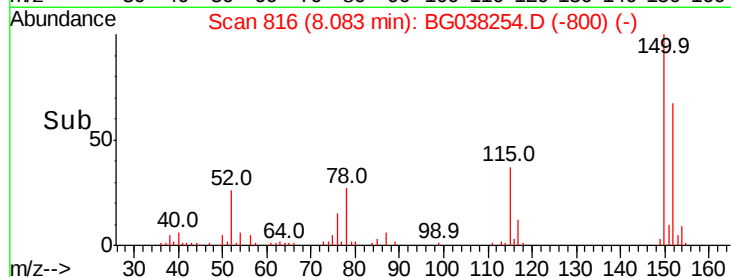
115 54.6 45.5 68.3



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: 110.452 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

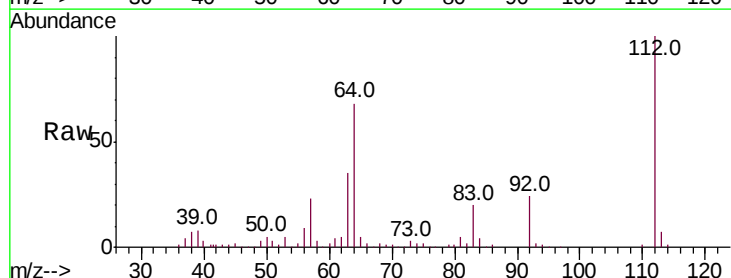
Tgt Ion:112 Resp: 227409

Ion Ratio Lower Upper

112 100

64 68.3 53.1 79.7

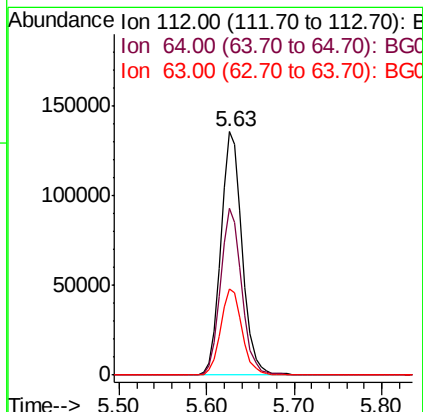
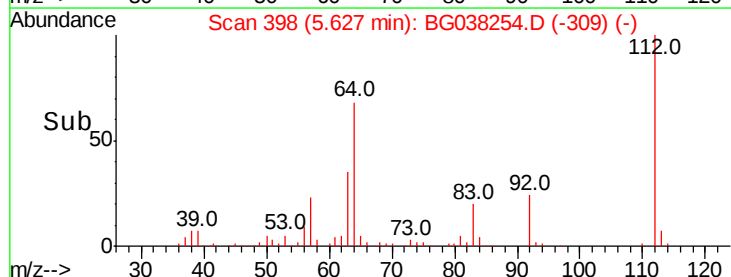
63 35.4 27.3 40.9

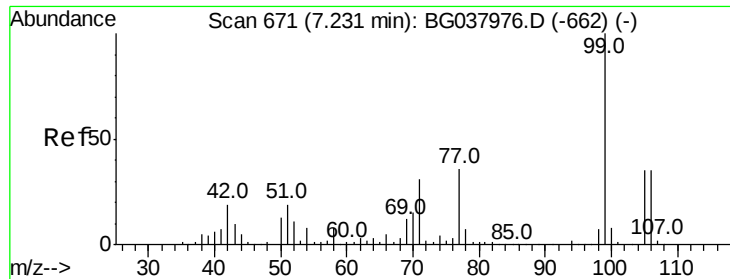


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.763 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

Instrument :

BNA_G

ClientSampleId :

WC-1

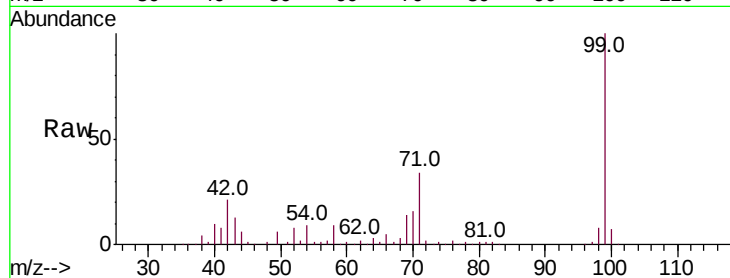
Tot Ion: 99 Resp: 296136

Ion Ratio Lower Upper

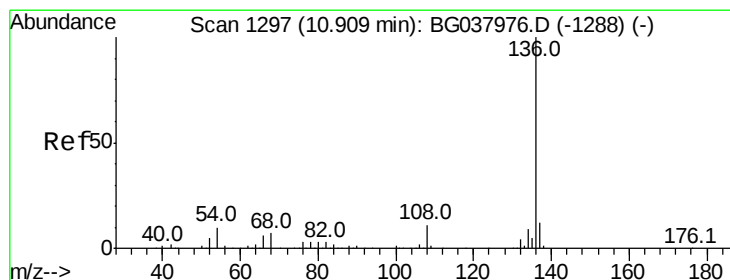
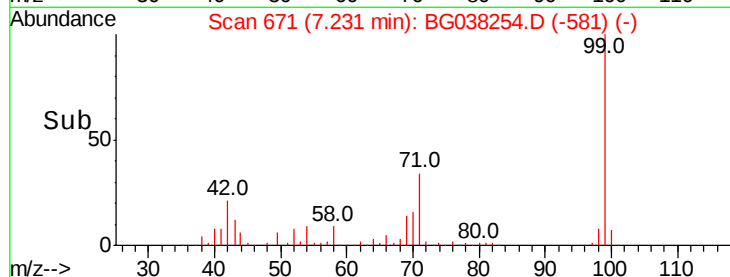
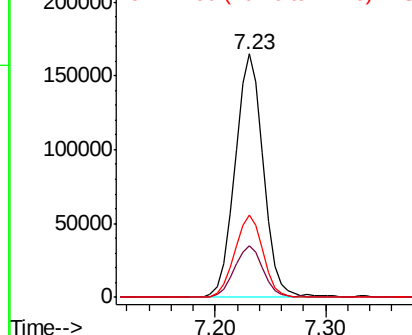
99 100

42 21.4 15.0 22.4

71 33.6 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# 1296

Delta R.T. -0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

Tgt Ion: 136 Resp: 156917

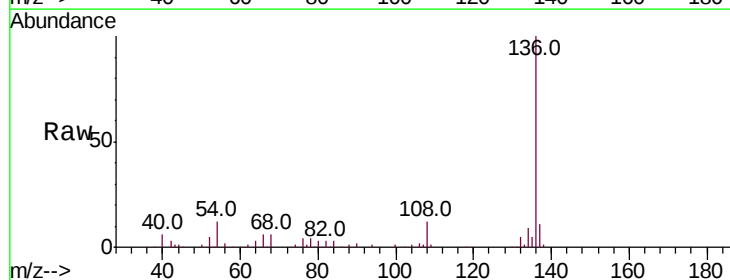
Ion Ratio Lower Upper

136 100

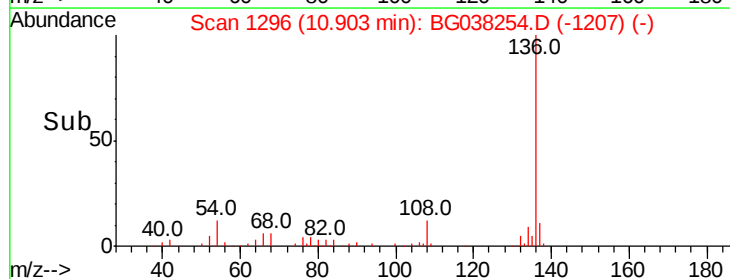
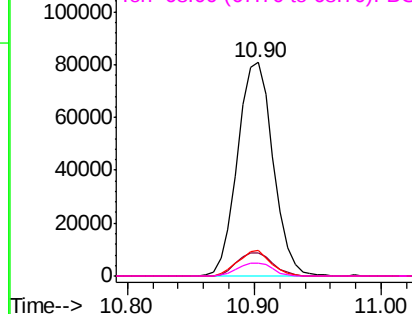
137 10.8 9.6 14.4

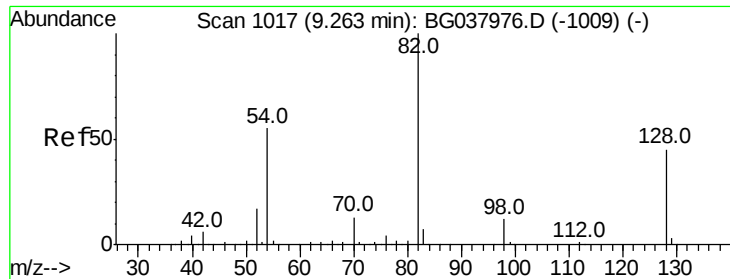
54 12.1 7.9 11.9#

68 6.2 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

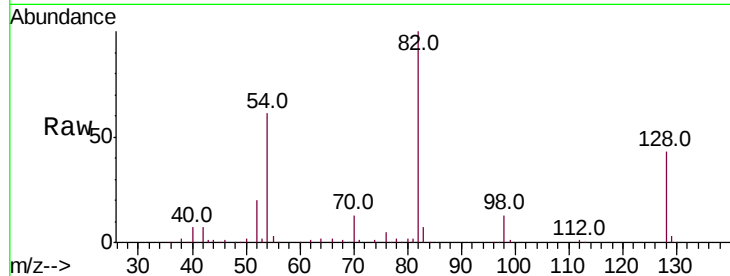




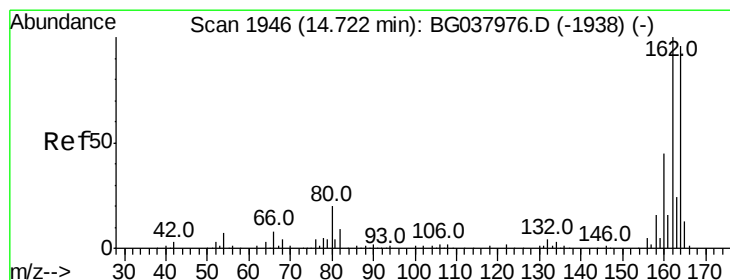
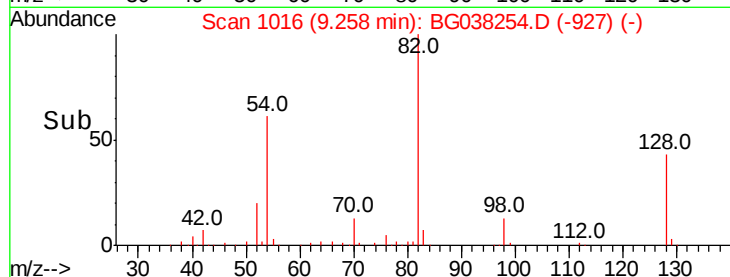
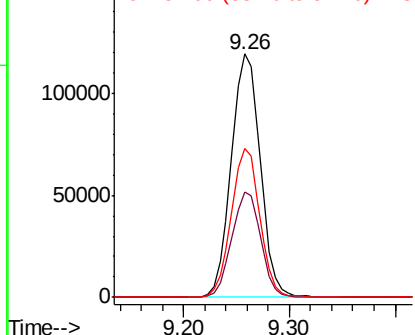
#23
Nitrobenzene-d5
Concen: 77.067 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038254.D
Acq: 30 Nov 2018 12:46

Instrument :
BNA_G
ClientSampleId :
WC-1

Tot Ion: 82 Resp: 225912
Ion Ratio Lower Upper
82 100
128 43.3 34.6 51.8
54 61.4 45.3 67.9

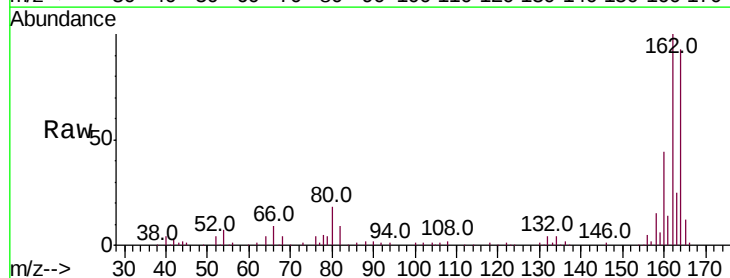


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

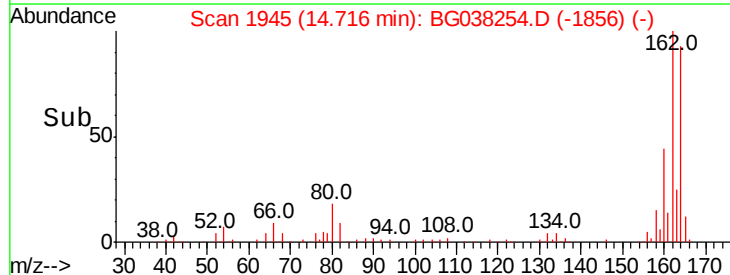
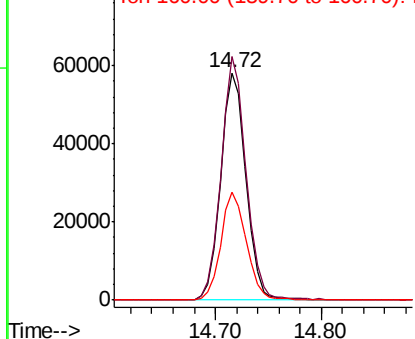


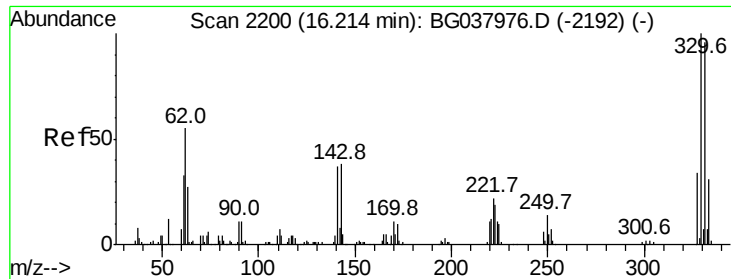
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038254.D
Acq: 30 Nov 2018 12:46

Tgt Ion:164 Resp: 96262
Ion Ratio Lower Upper
164 100
162 107.0 81.3 121.9
160 47.6 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

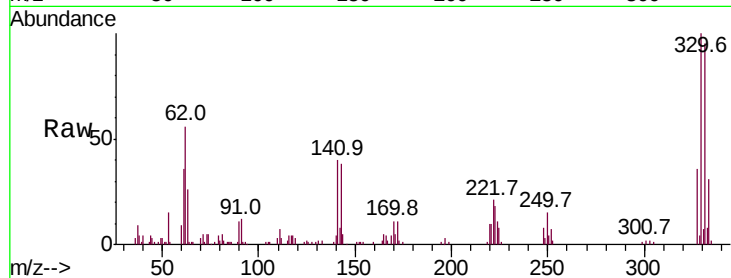




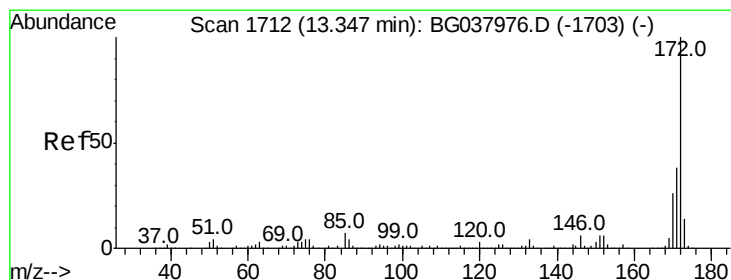
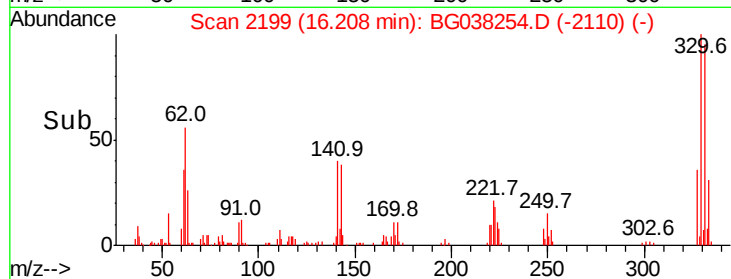
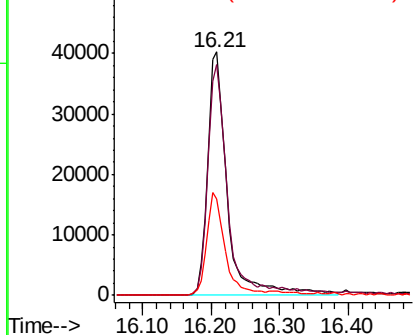
#42
 2,4,6-Tribromophenol
 Concen: 73.780 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038254.D
 Acq: 30 Nov 2018 12:46

Instrument :
 BNA_G
 ClientSampled :
 WC-1

Tot Ion:330 Resp: 80999
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.4 117.6
 141 38.9 32.2 48.2

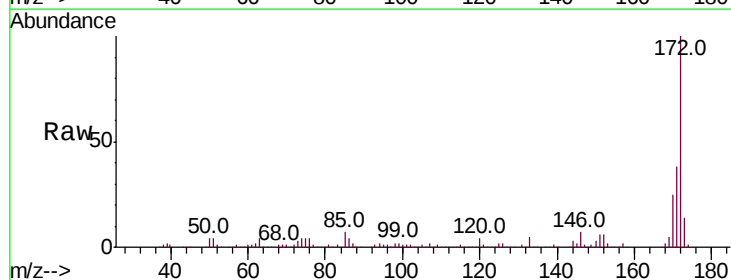


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

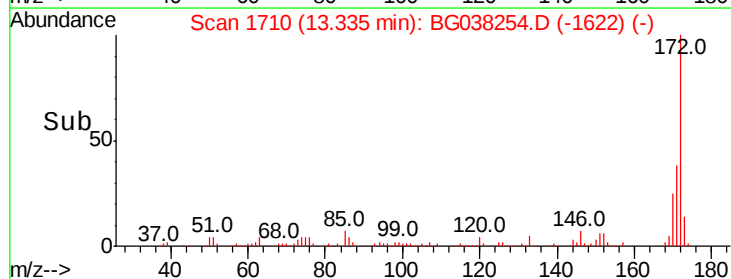
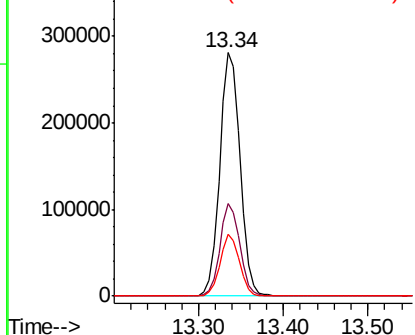


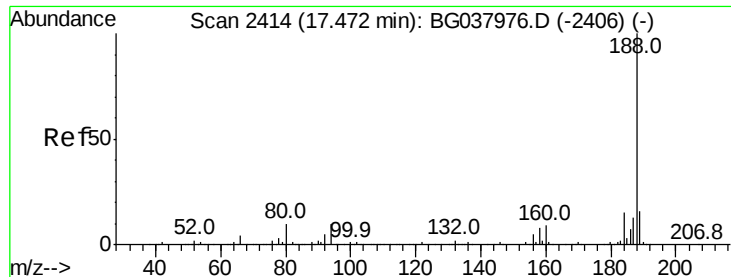
#45
 2-Fluorobiphenyl
 Concen: 71.347 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038254.D
 Acq: 30 Nov 2018 12:46

Tgt Ion:172 Resp: 471429
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 25.3 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

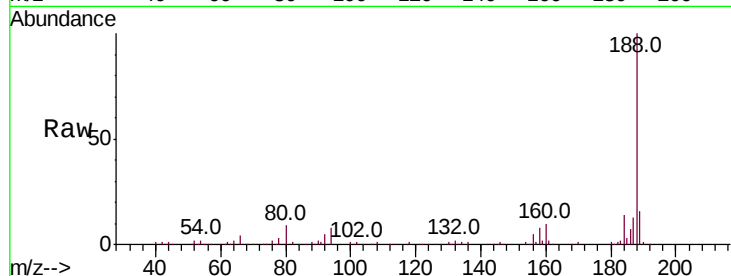




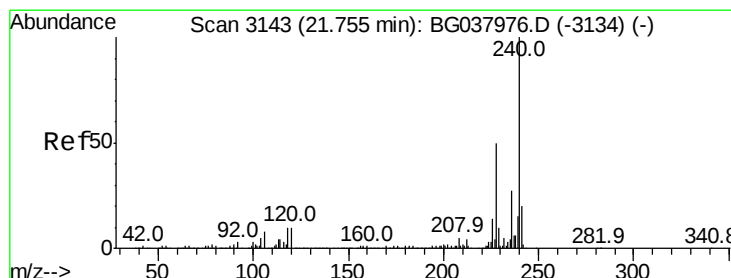
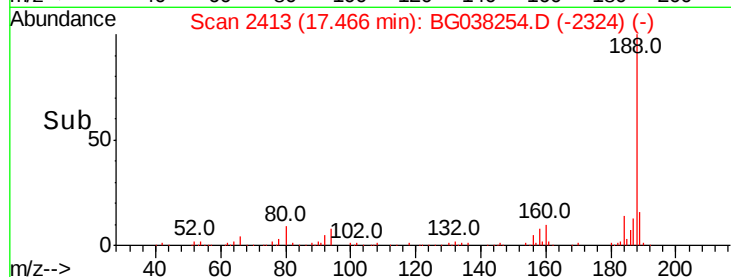
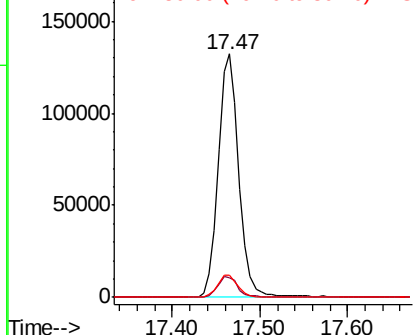
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038254.D
Acq: 30 Nov 2018 12:46

Instrument :
BNA_G
ClientSampleId :
WC-1

Tot Ion:188 Resp: 215084
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 9.0 7.7 11.5

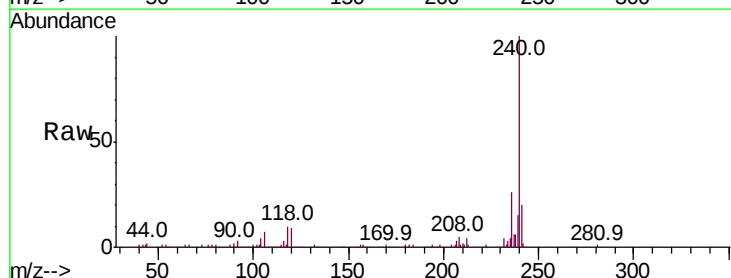


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

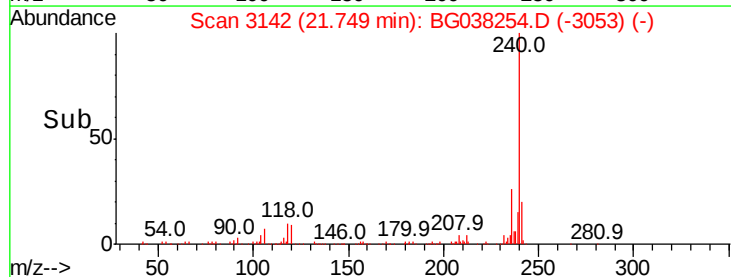
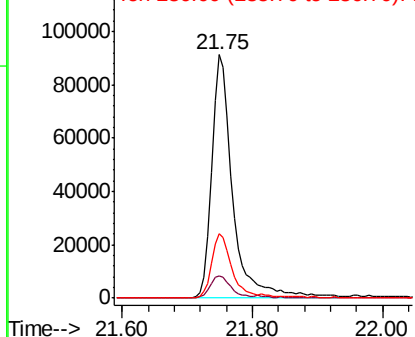


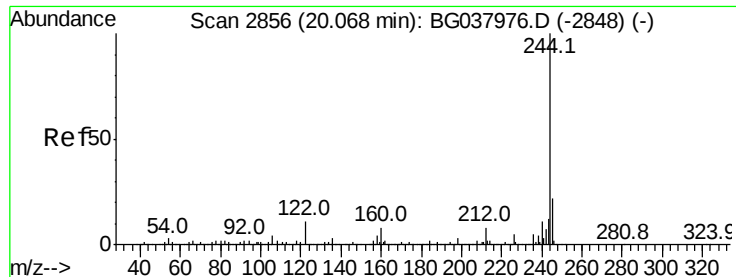
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038254.D
Acq: 30 Nov 2018 12:46

Tgt Ion:240 Resp: 204254
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.5 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: 92.737 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038254.D

Acq: 30 Nov 2018 12:46

Instrument :

BNA_G

ClientSampleId :

WC-1

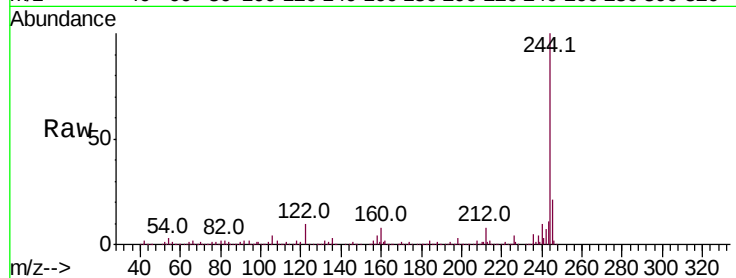
Tot Ion:244 Resp: 805009

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

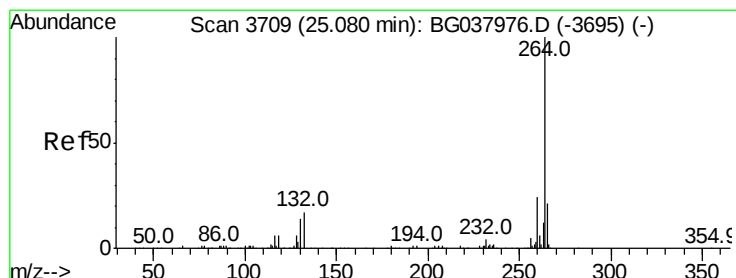
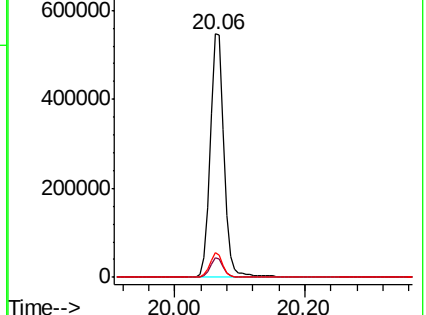
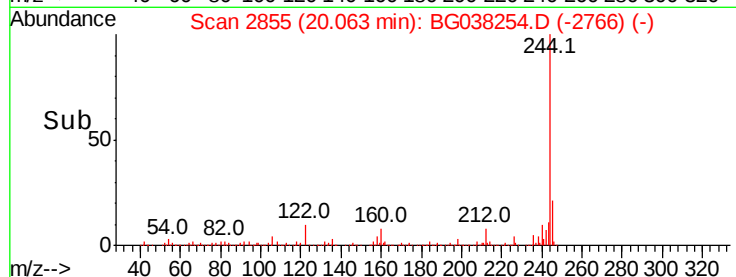
122 10.2 9.0 13.4



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: BG038254.D

Acq: 30 Nov 2018 12:46

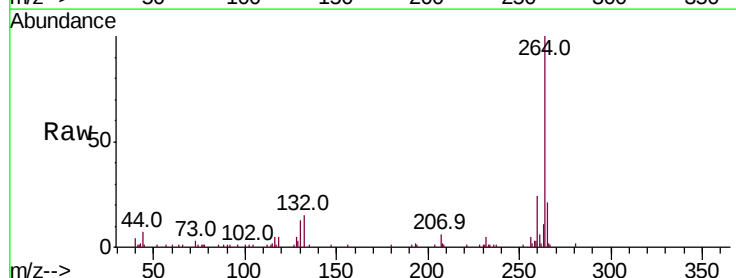
Tgt Ion:264 Resp: 141535

Ion Ratio Lower Upper

264 100

260 24.0 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

