

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038258.D
 Acq On : 30 Nov 2018 15:24
 Operator : JU/SJ
 Sample : J6124-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BW-2072-112818

Quant Time: Nov 30 16:19:35 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	31518	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	142866	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	87946	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	197786	20.00	ng	0.00
76) Chrysene-d12	21.75	240	184195	20.00	ng	0.00
87) Perylene-d12	25.07	264	152696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	221655	121.42	ng	0.00
7) Phenol-d6	7.23	99	281971	108.21	ng	0.00
23) Nitrobenzene-d5	9.26	82	242361	90.81	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	114143	113.80	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	533398	88.36	ng	0.00
79) Terphenyl-d14	20.07	244	824256	105.30	ng	0.00

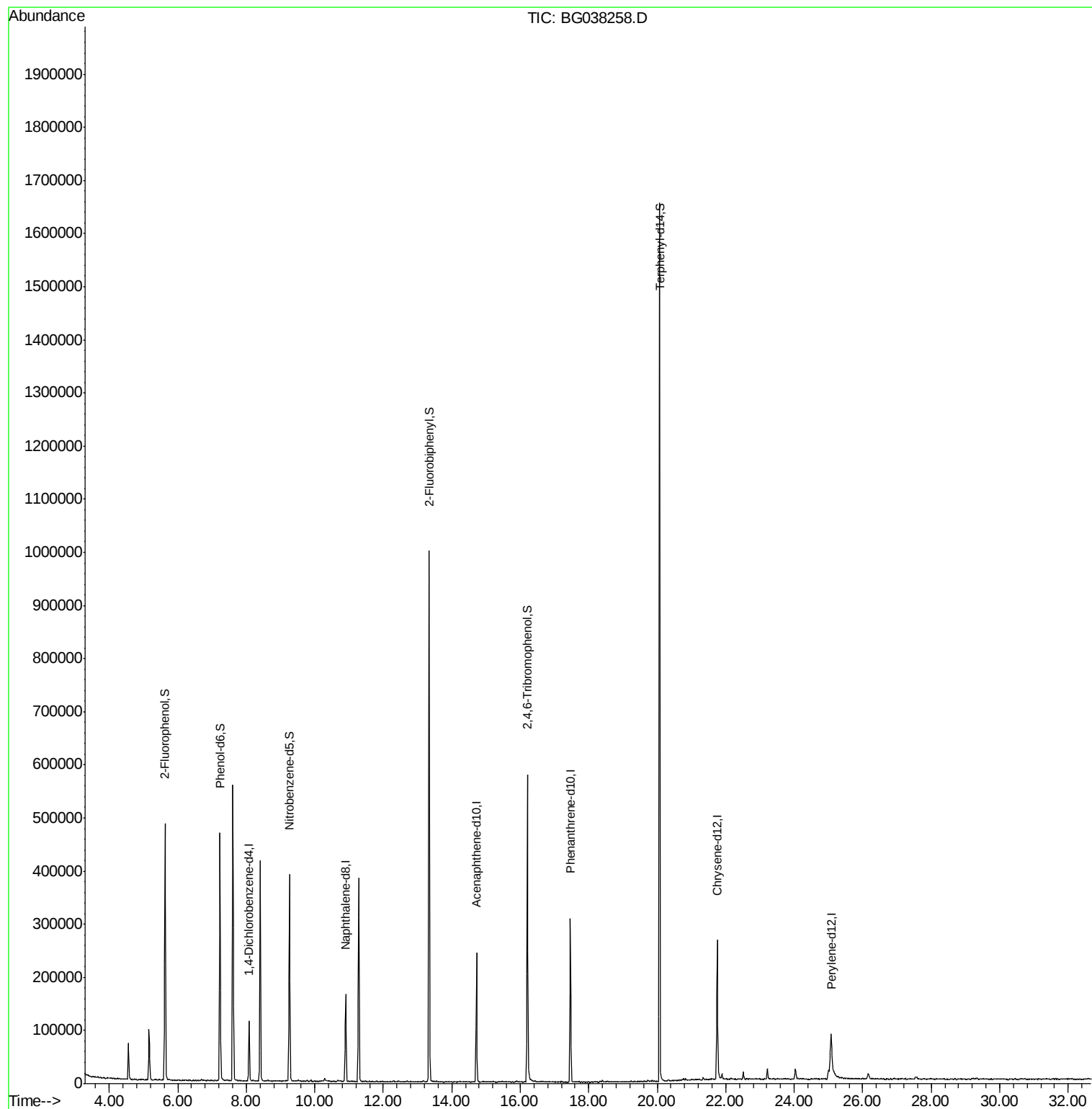
Target Compounds Qvalue

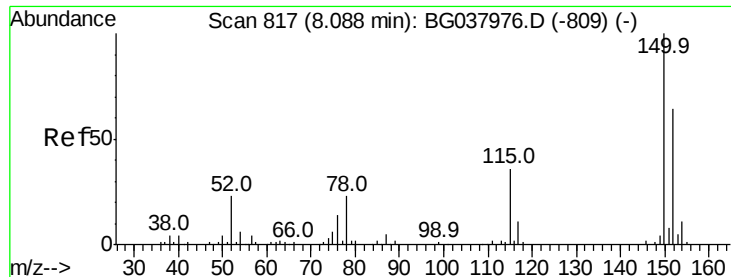
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038258.D

Acq: 30 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

BW-2072-112818

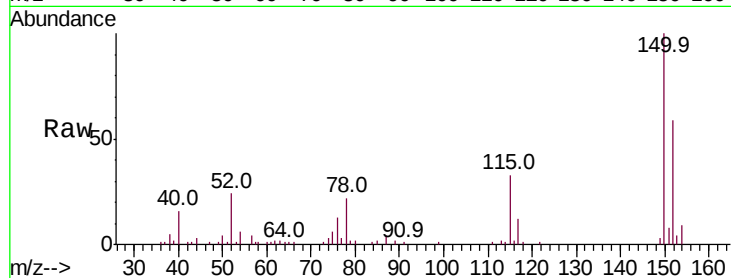
Tot Ion:152 Resp: 31518

Ion Ratio Lower Upper

152 100

150 169.4 126.0 189.0

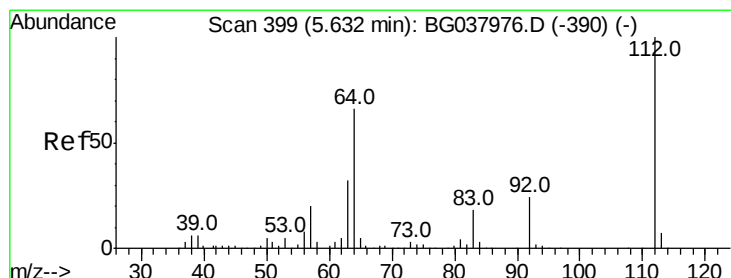
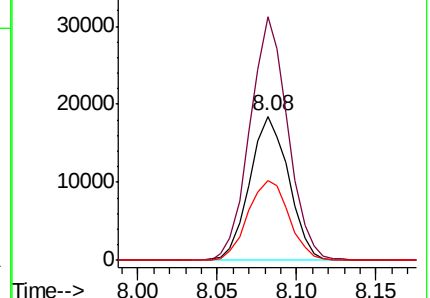
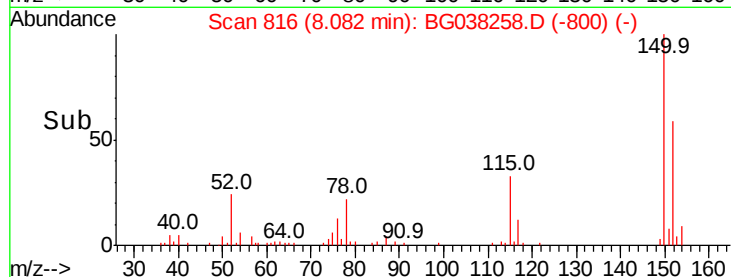
115 55.6 45.5 68.3



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: 121.423 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038258.D

Acq: 30 Nov 2018 15:24

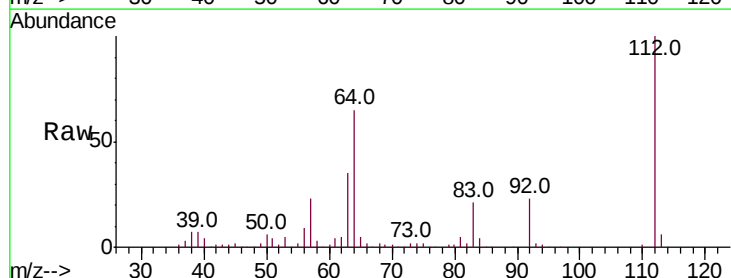
Tgt Ion:112 Resp: 221655

Ion Ratio Lower Upper

112 100

64 65.1 53.1 79.7

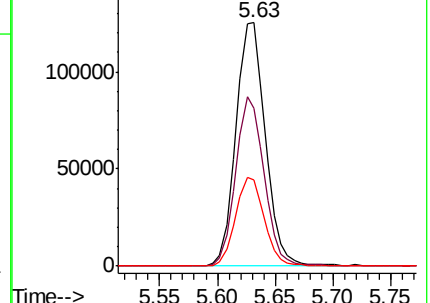
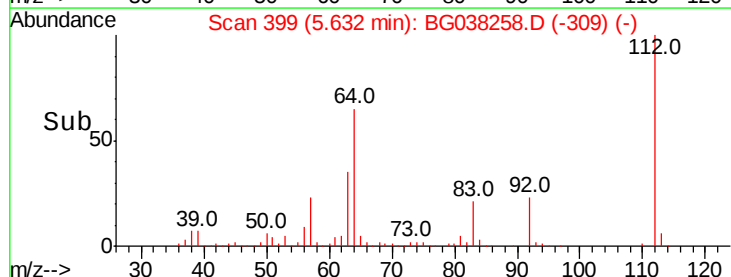
63 35.4 27.3 40.9

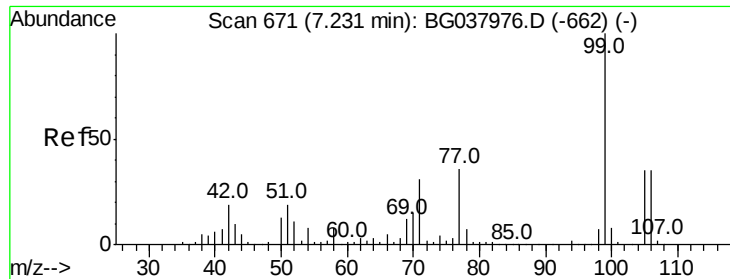


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 108.211 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038258.D

Acq: 30 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

BW-2072-112818

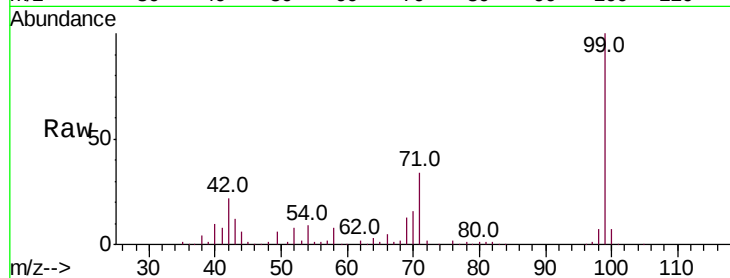
Tot Ion: 99 Resp: 281971

Ion Ratio Lower Upper

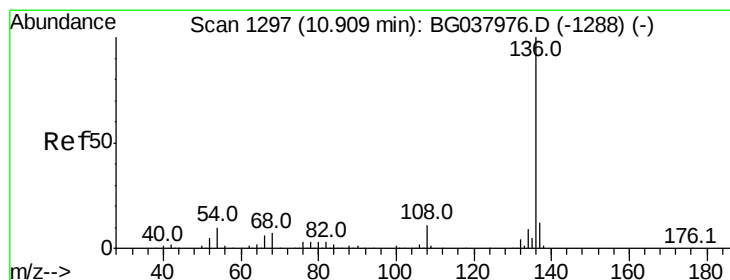
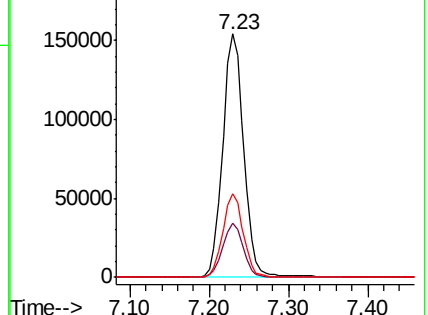
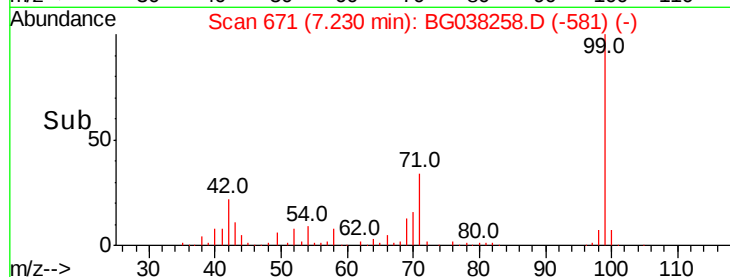
99 100

42 22.3 15.0 22.4

71 34.5 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: BG038258.D

Acq: 30 Nov 2018 15:24

Tgt Ion: 136 Resp: 142866

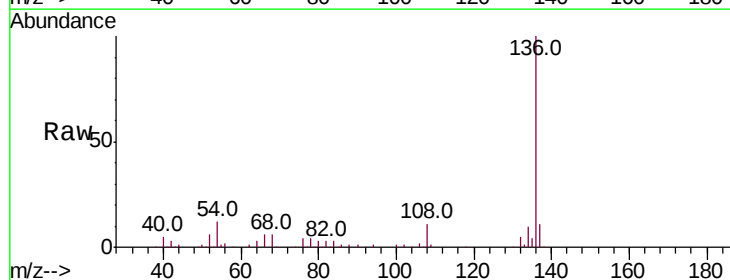
Ion Ratio Lower Upper

136 100

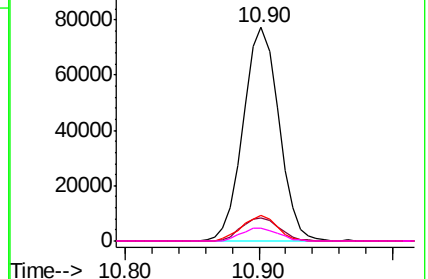
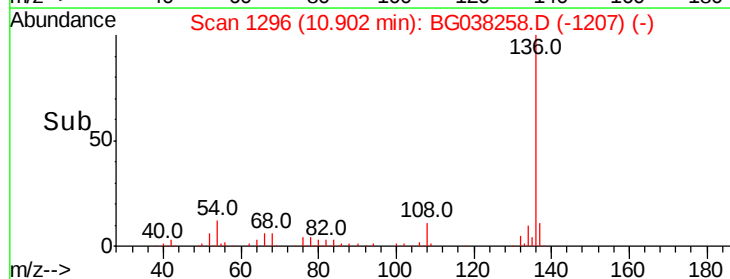
137 10.6 9.6 14.4

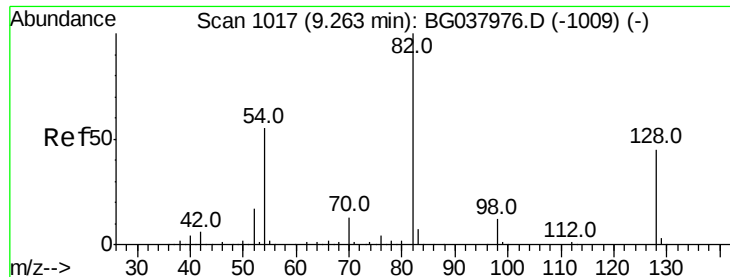
54 11.7 7.9 11.9

68 6.1 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

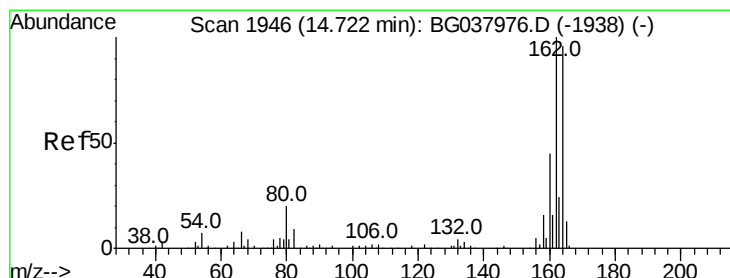
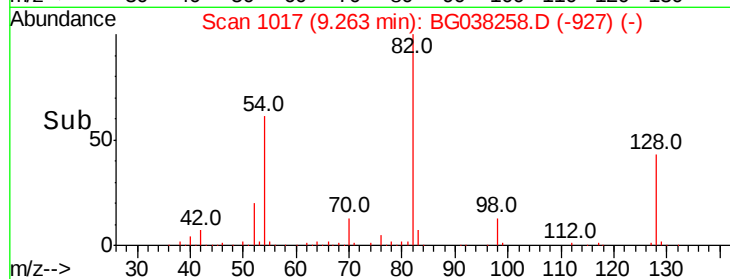
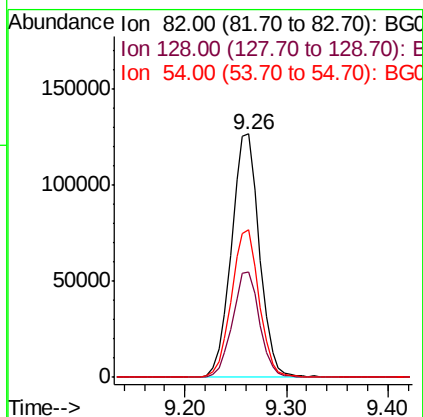
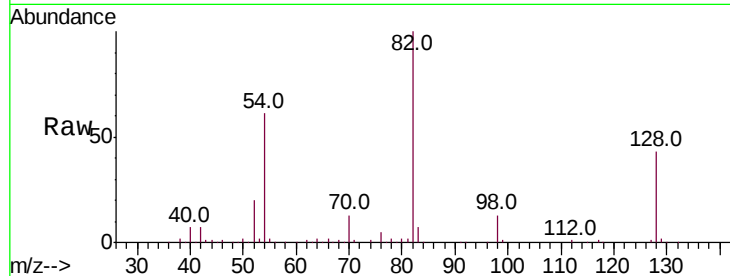




#23
Nitrobenzene-d5
Concen: 90.810 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038258.D
Acq: 30 Nov 2018 15:24

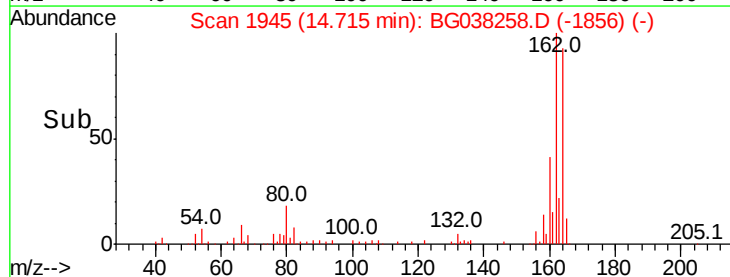
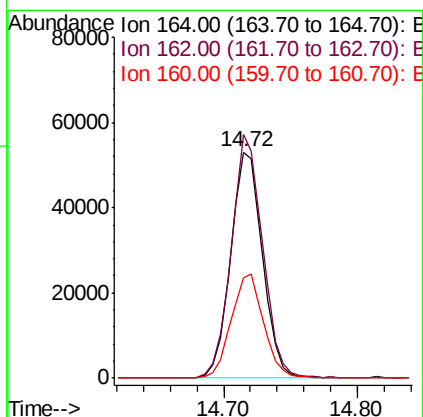
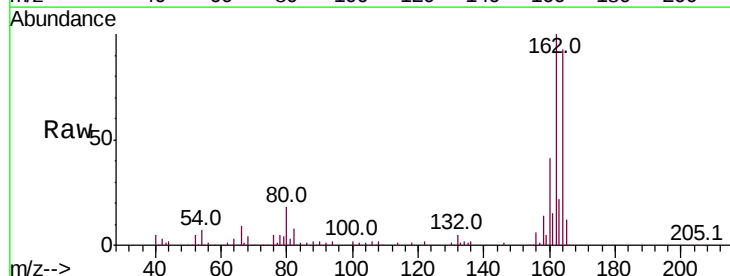
Instrument :
BNA_G
ClientSampleId :
BW-2072-112818

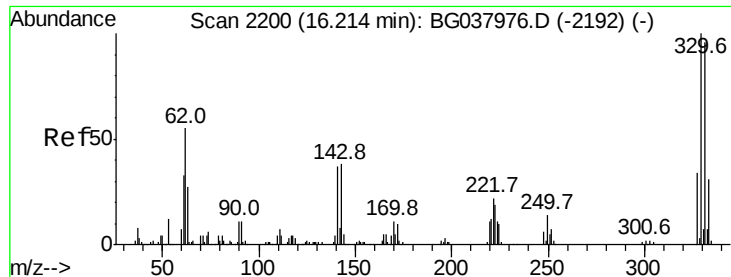
Tot Ion: 82 Resp: 242361
Ion Ratio Lower Upper
82 100
128 43.1 34.6 51.8
54 60.8 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038258.D
Acq: 30 Nov 2018 15:24

Tgt Ion:164 Resp: 87946
Ion Ratio Lower Upper
164 100
162 107.8 81.3 121.9
160 44.2 36.3 54.5

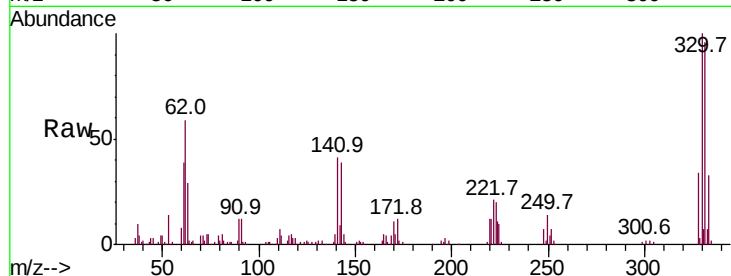




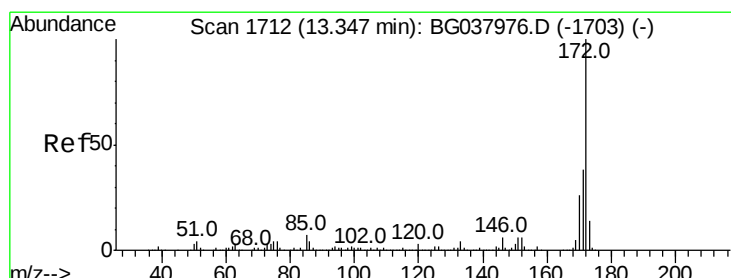
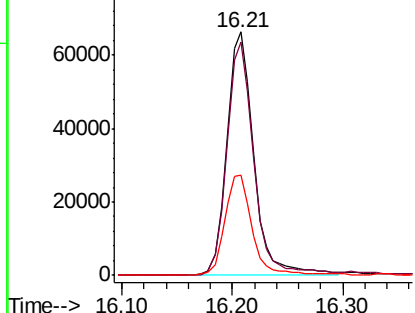
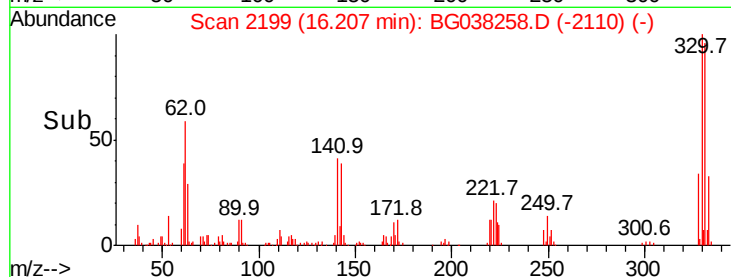
#42
 2,4,6-Tribromophenol
 Concen: 113.801 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038258.D
 Acq: 30 Nov 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 BW-2072-112818

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	41.8	32.2	48.2

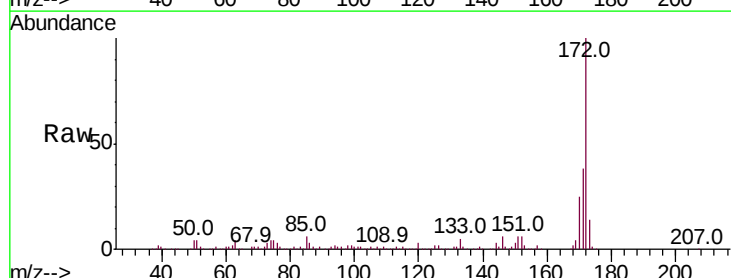


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

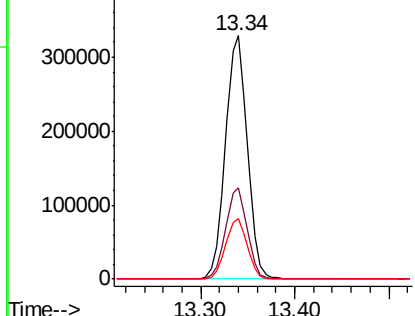
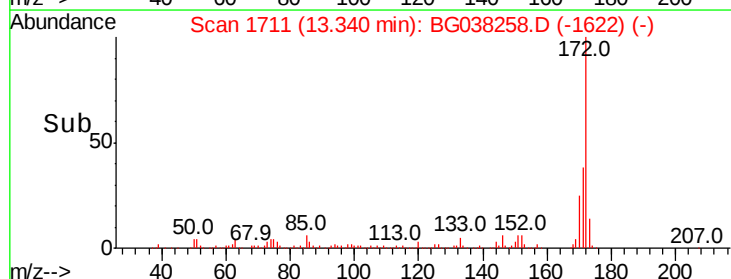


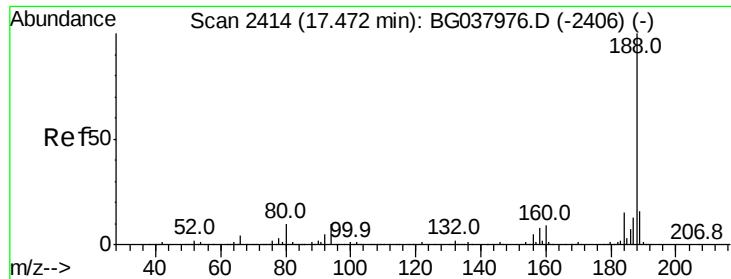
#45
 2-Fluorobiphenyl
 Concen: 88.359 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038258.D
 Acq: 30 Nov 2018 15:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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

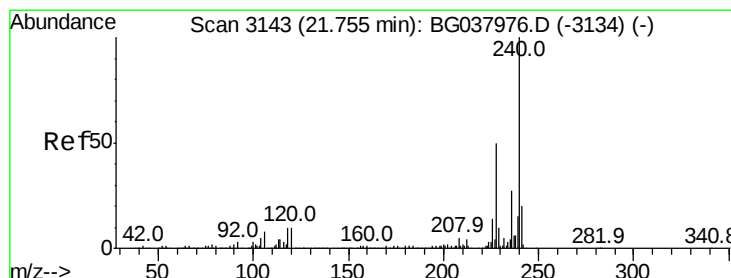
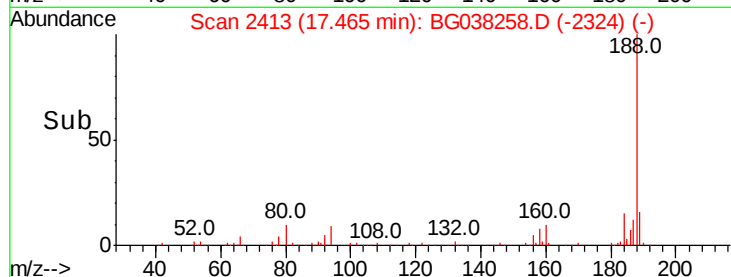
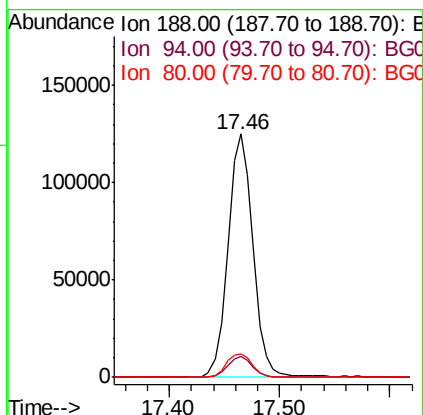
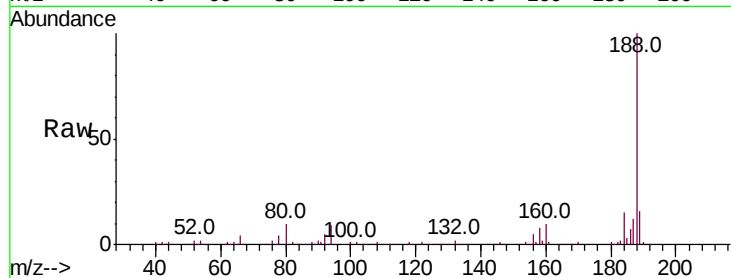




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038258.D
Acq: 30 Nov 2018 15:24

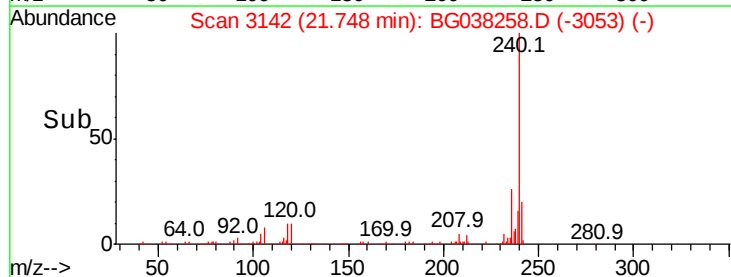
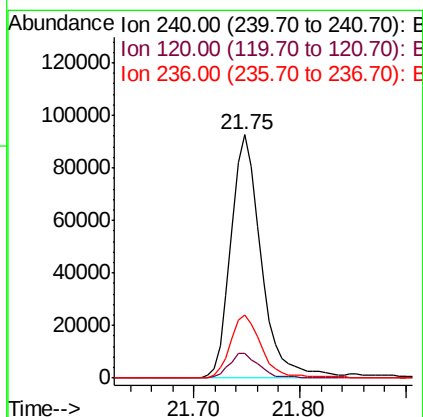
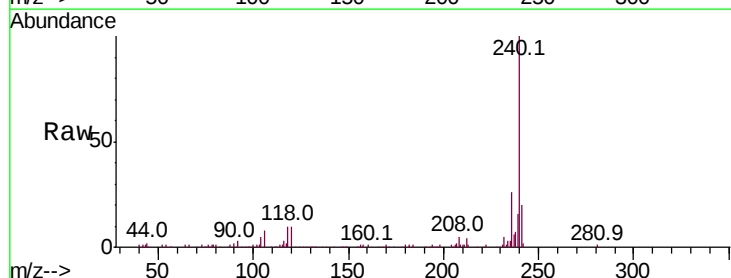
Instrument :
BNA_G
ClientSampleId :
BW-2072-112818

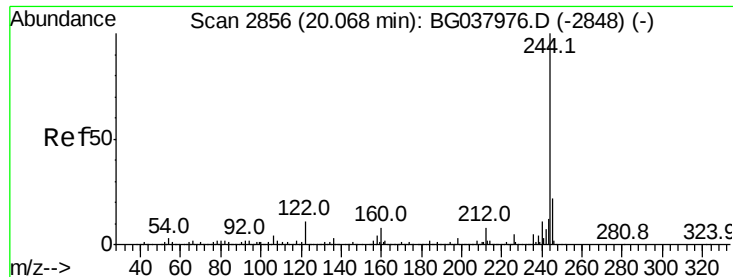
Tot Ion:188 Resp: 197786
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038258.D
Acq: 30 Nov 2018 15:24

Tgt Ion:240 Resp: 184195
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 26.2 21.4 32.0





#79

Terphenyl-d14

Concen: 105.295 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038258.D

Acq: 30 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

BW-2072-112818

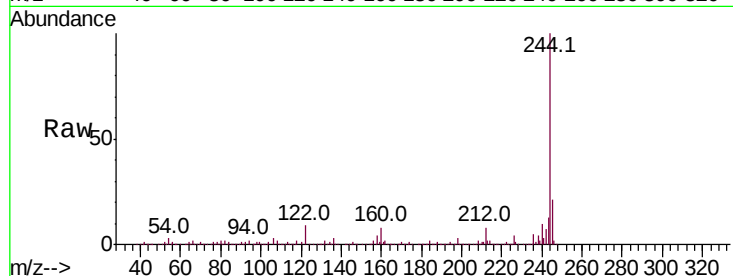
Tot Ion:244 Resp: 824256

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

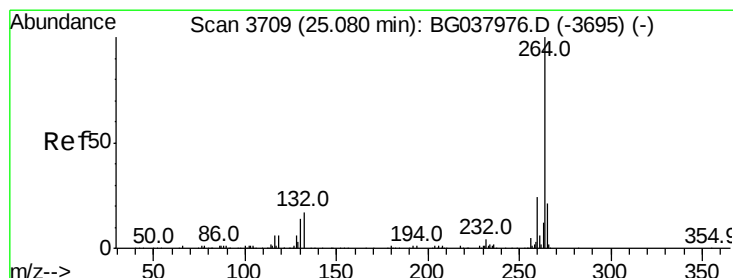
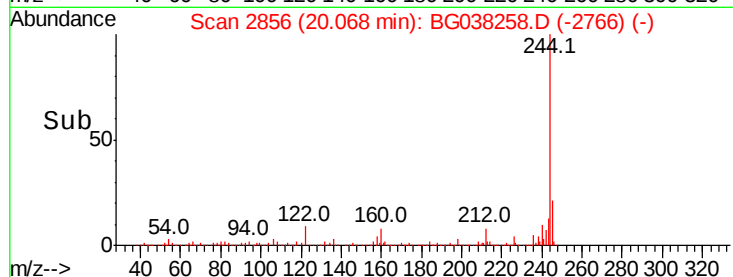
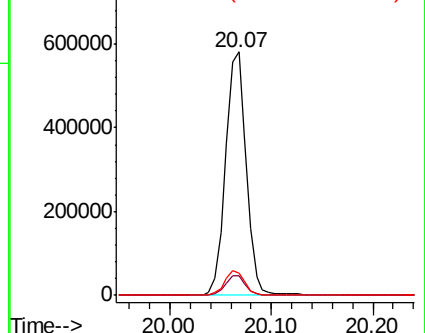
122 9.2 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038258.D

Acq: 30 Nov 2018 15:24

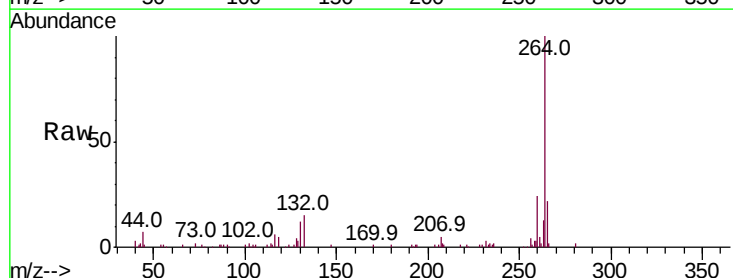
Tgt Ion:264 Resp: 152696

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 21.5 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

