

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038213.D
 Acq On : 28 Nov 2018 23:50
 Operator : JU/SJ
 Sample : J6069-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-U-S

Quant Time: Nov 29 04:51:07 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	35867	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	171152	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111276	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	243634	20.00	ng	0.00
76) Chrysene-d12	21.75	240	236503	20.00	ng	0.00
87) Perylene-d12	25.07	264	227460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	106348	51.19	ng	0.00
7) Phenol-d6	7.23	99	94854	31.99	ng	0.00
23) Nitrobenzene-d5	9.26	82	320533	100.25	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	112285	88.48	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	717323	93.91	ng	0.00
79) Terphenyl-d14	20.07	244	1037915	103.26	ng	0.00

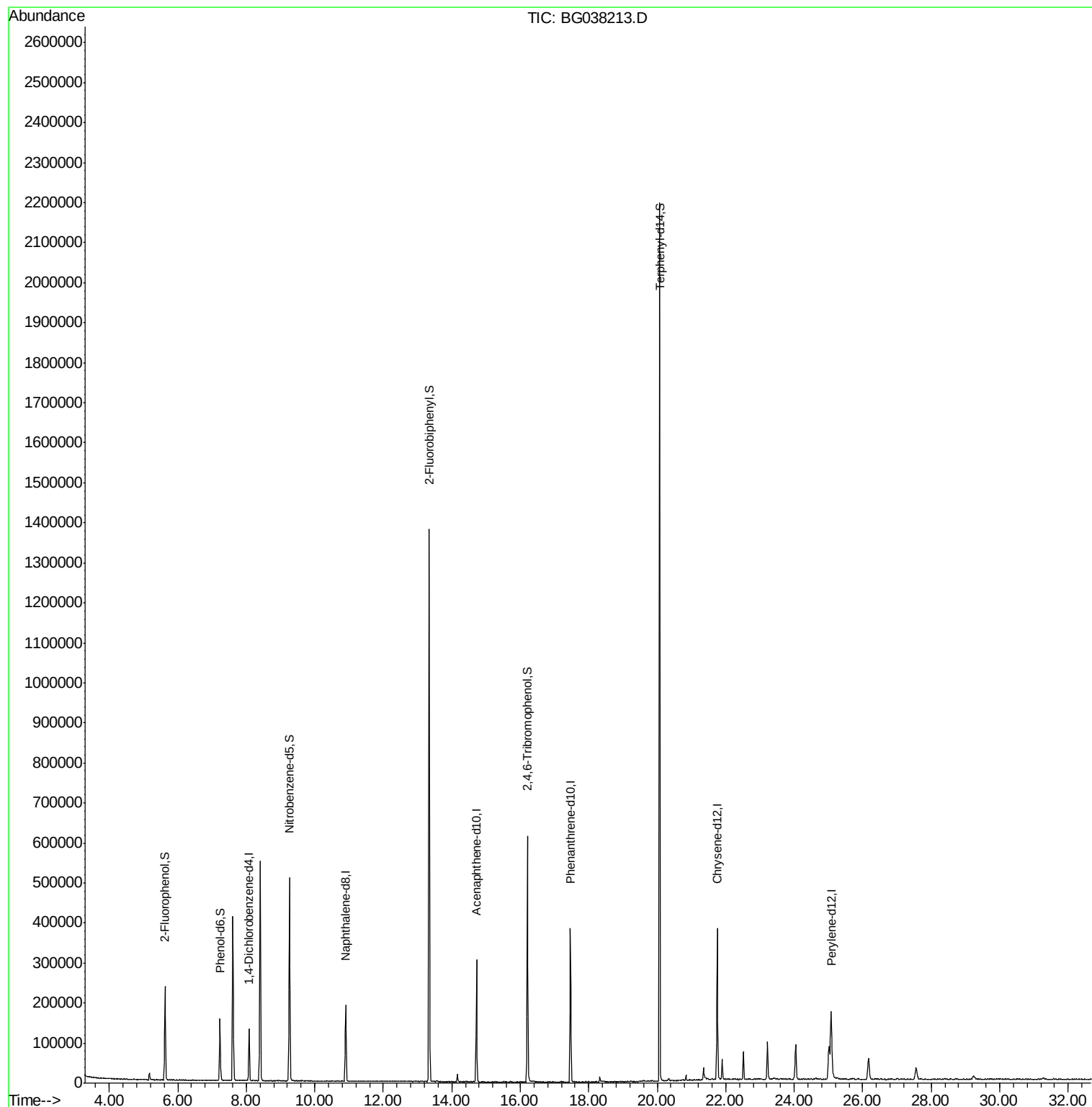
Target Compounds Qvalue

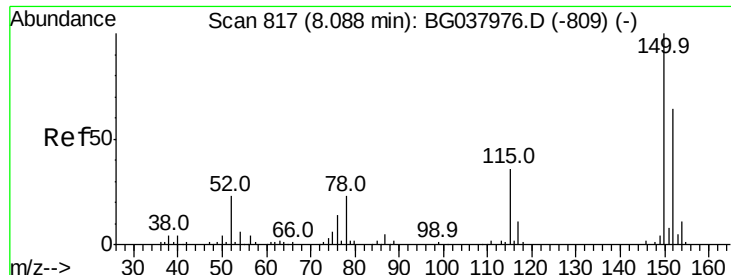
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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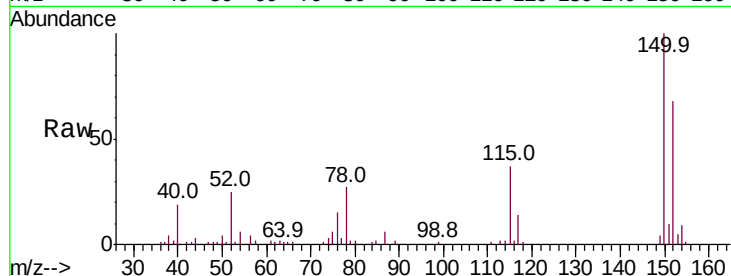


#1

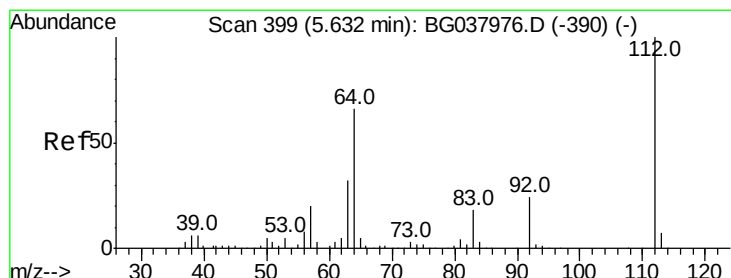
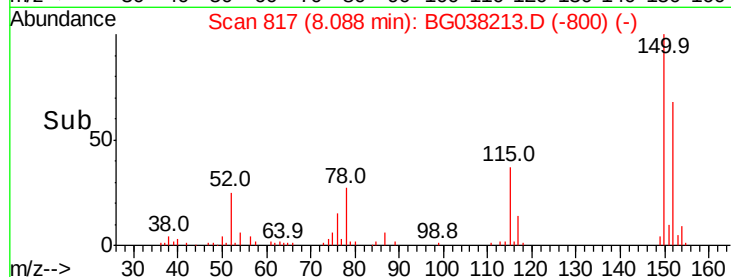
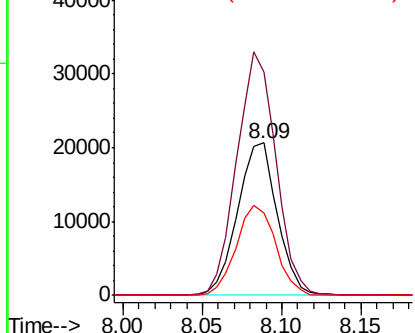
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tot Ion:152 Resp: 35867
Ion Ratio Lower Upper
152 100
150 146.3 126.0 189.0
115 54.4 45.5 68.3



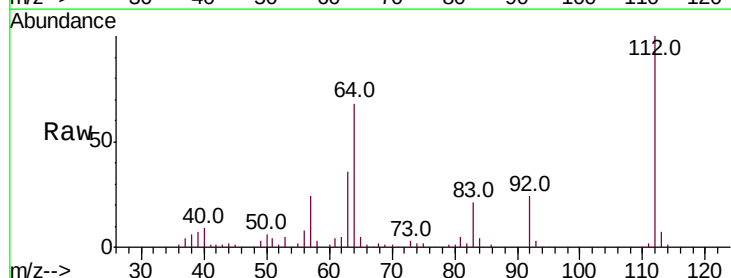
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



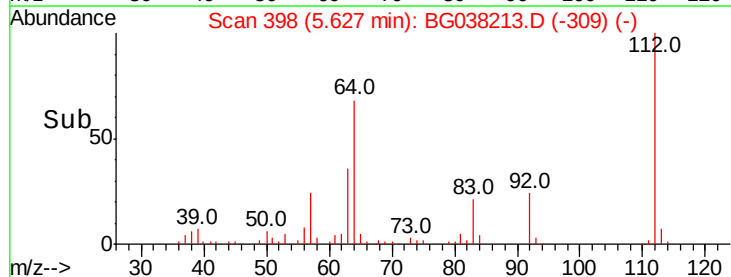
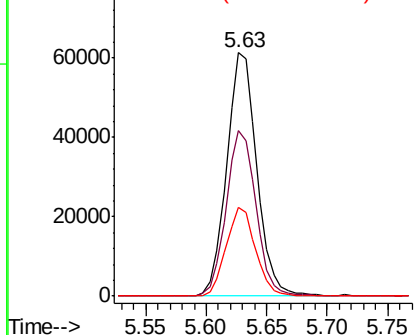
#5

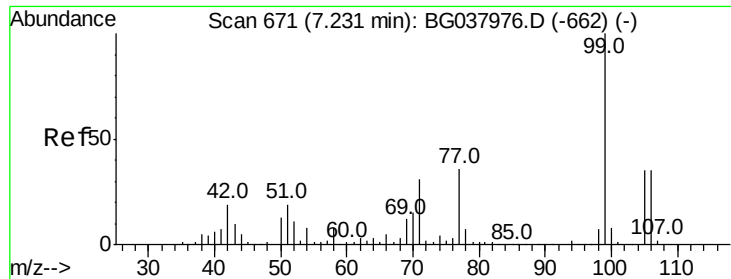
2-Fluorophenol
Concen: 51.194 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:112 Resp: 106348
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 36.3 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: 31.988 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038213.D

Acq: 28 Nov 2018 23:50

Instrument :

BNA_G

ClientSampleId :

112318-DBRI-F-U-S

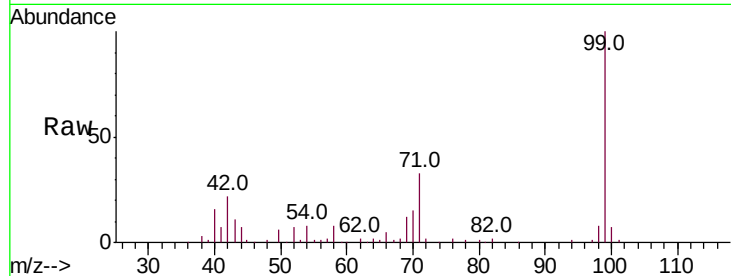
Tot Ion: 99 Resp: 94854

Ion Ratio Lower Upper

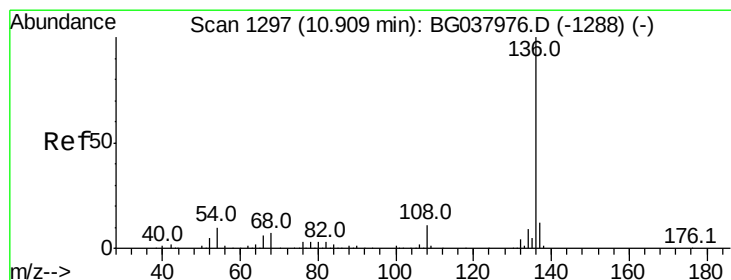
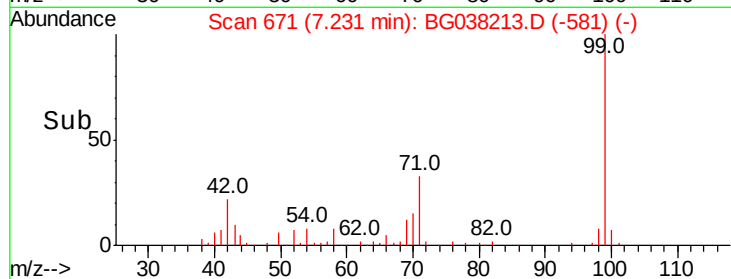
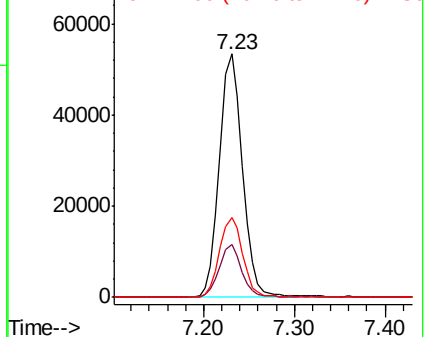
99 100

42 21.7 15.0 22.4

71 32.8 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# 1296

Delta R.T. -0.01 min

Lab File: BG038213.D

Acq: 28 Nov 2018 23:50

Tgt Ion: 136 Resp: 171152

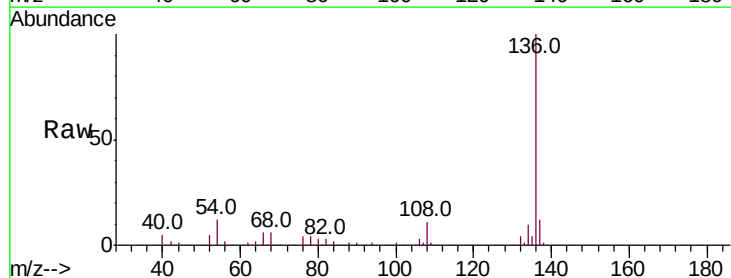
Ion Ratio Lower Upper

136 100

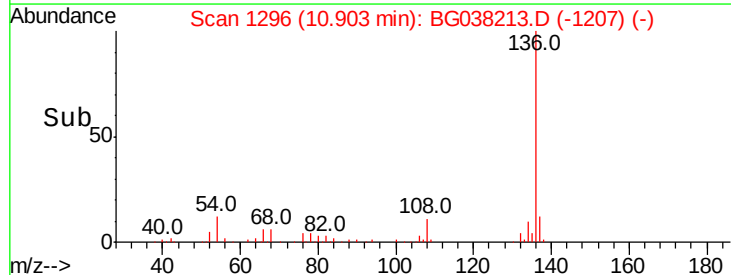
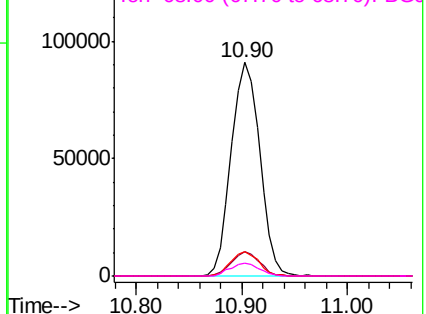
137 11.6 9.6 14.4

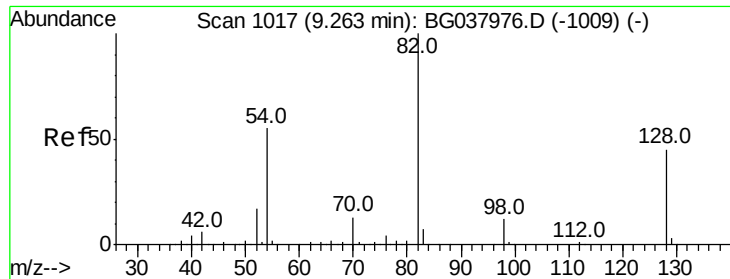
54 11.7 7.9 11.9

68 5.7 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

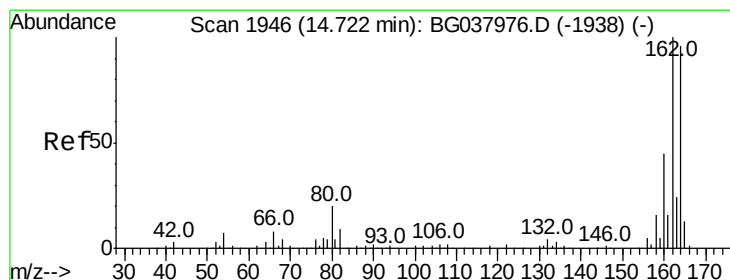
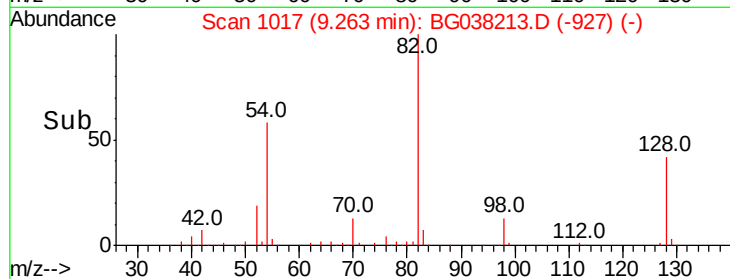
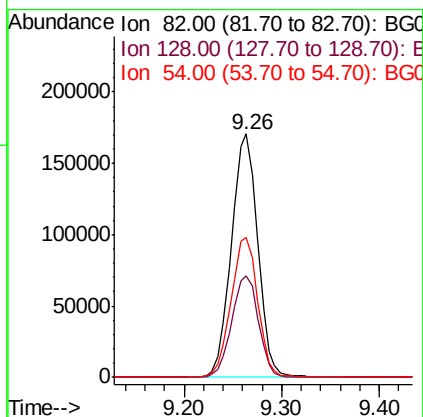
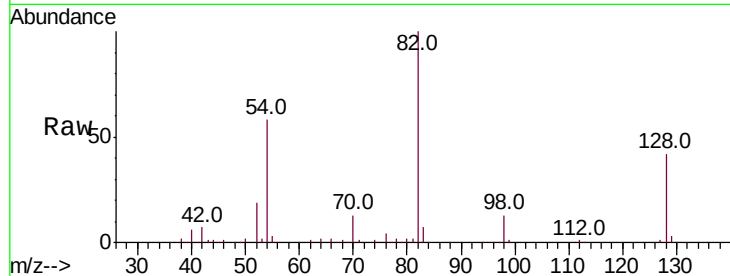




#23
 Nitrobenzene-d5
 Concen: 100.251 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038213.D
 Acq: 28 Nov 2018 23:50

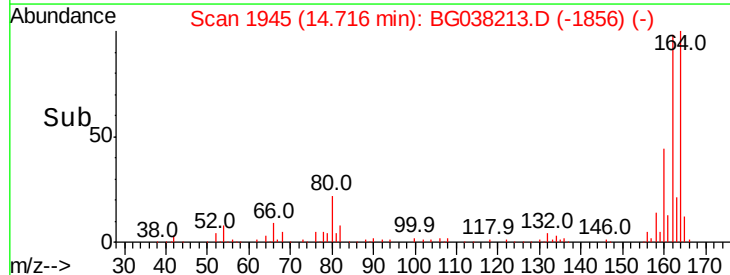
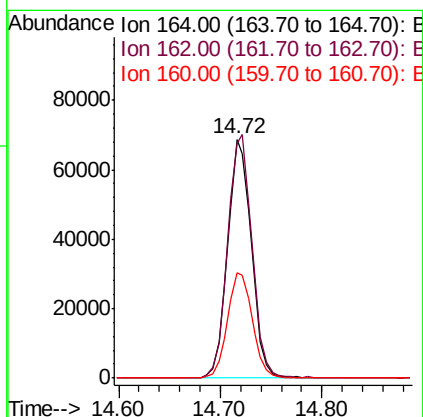
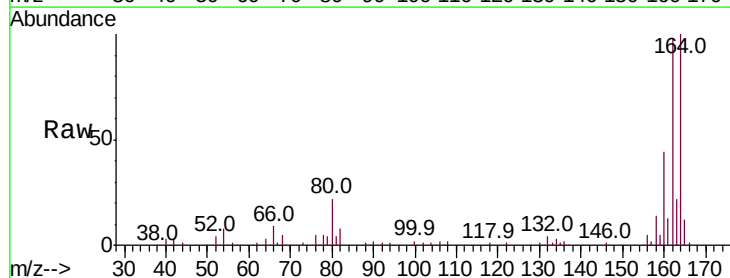
Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-U-S

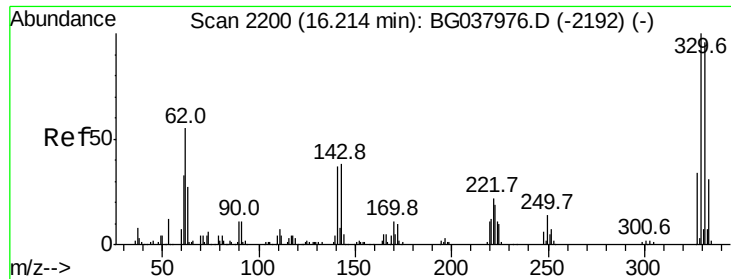
Tot Ion	82	Resp	320533
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	57.7	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG038213.D
 Acq: 28 Nov 2018 23:50

Tgt Ion	164	Resp	111276
Ion	Ratio	Lower	Upper
164	100		
162	98.4	81.3	121.9
160	44.0	36.3	54.5

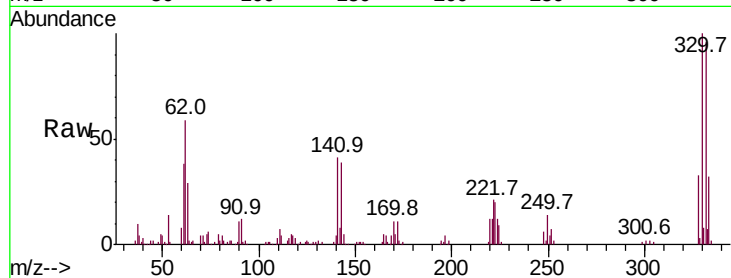




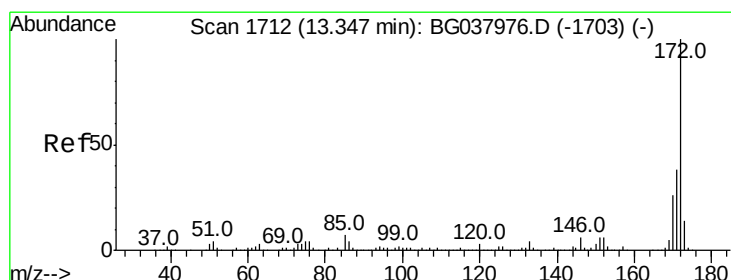
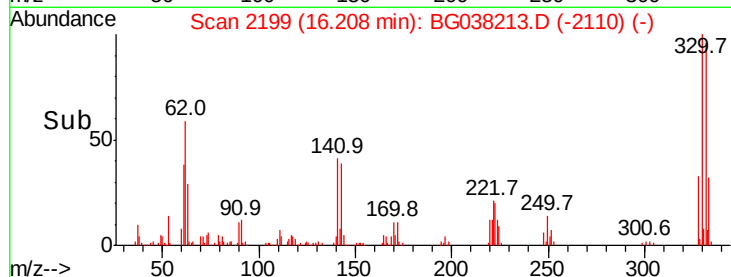
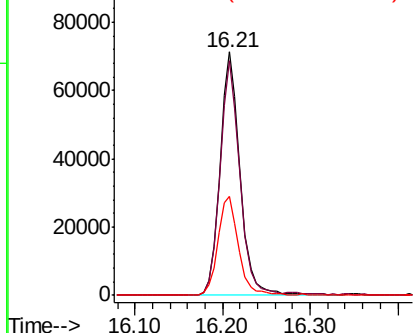
#42
 2,4,6-Tribromophenol
 Concen: 88.478 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038213.D
 Acq: 28 Nov 2018 23:50

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	42.1	32.2	48.2

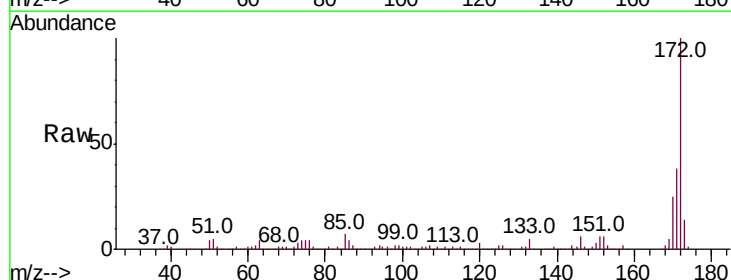


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

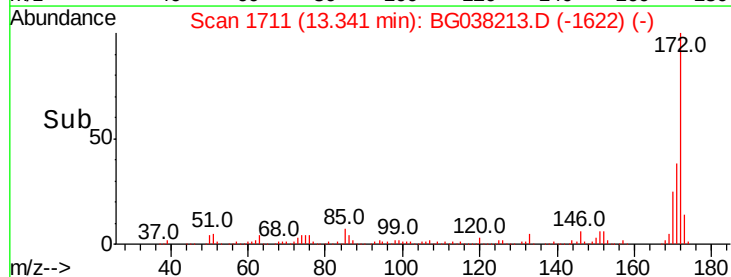
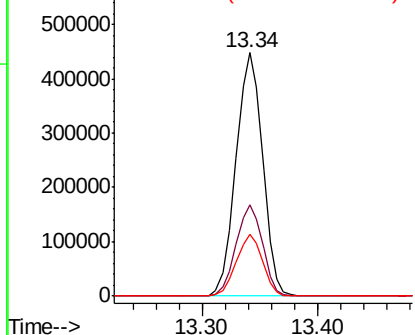


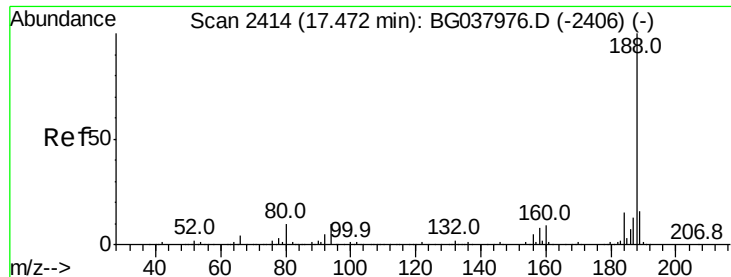
#45
 2-Fluorobiphenyl
 Concen: 93.914 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038213.D
 Acq: 28 Nov 2018 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.4	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

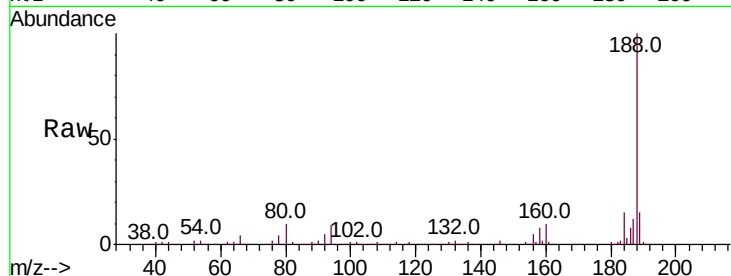




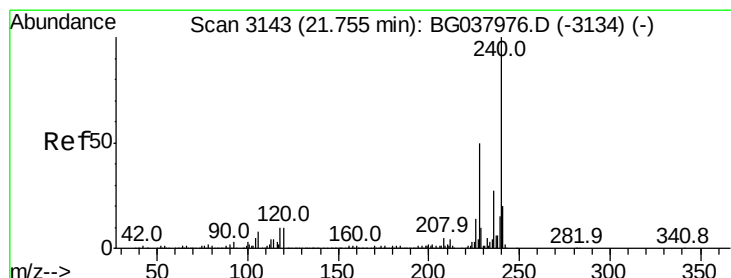
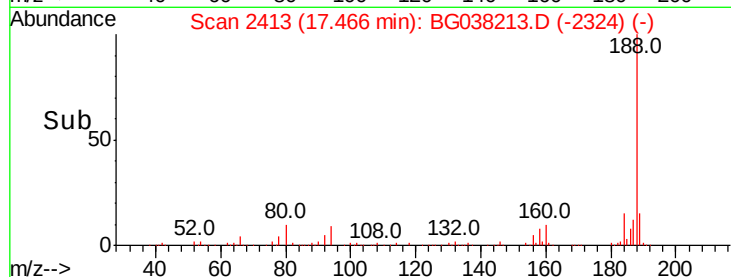
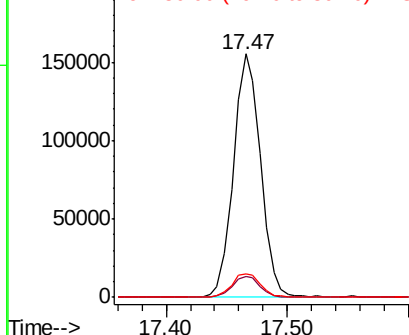
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Instrument :
BNA_G
ClientSampleId :
112318-DBRI-F-U-S

Tot Ion:188 Resp: 243634
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.7 7.7 11.5

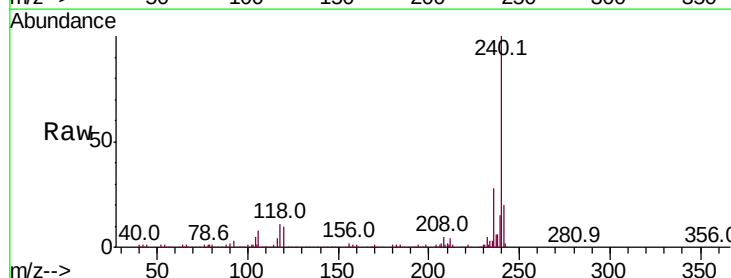


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

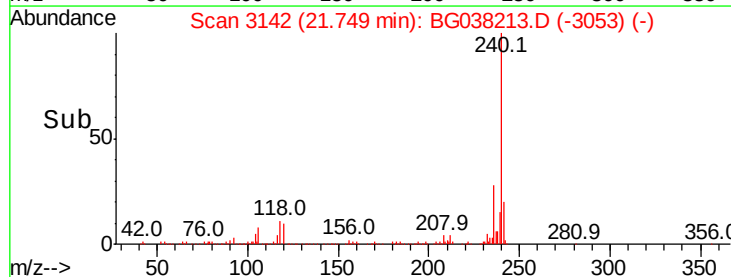
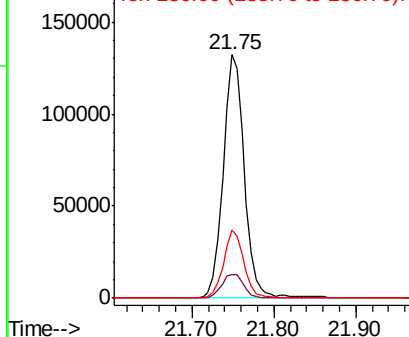


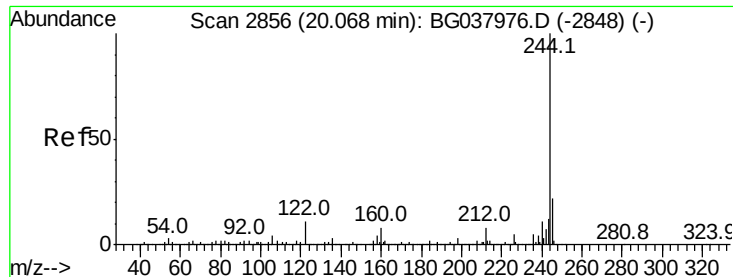
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038213.D
Acq: 28 Nov 2018 23:50

Tgt Ion:240 Resp: 236503
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 28.0 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



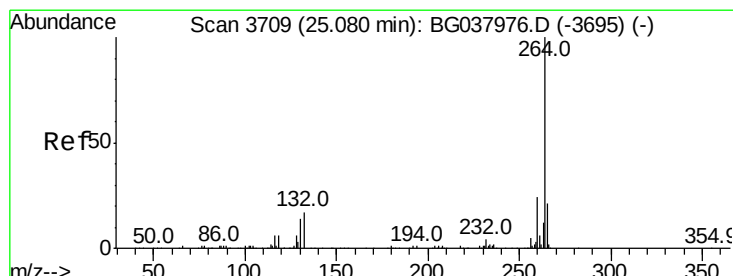
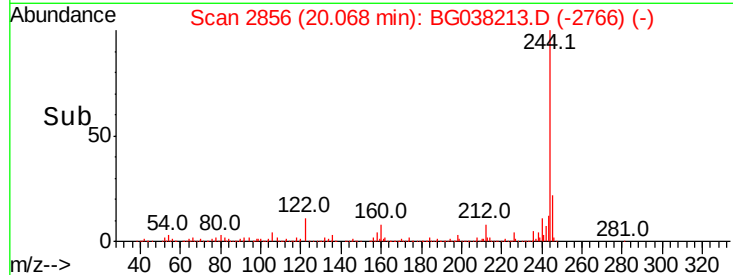
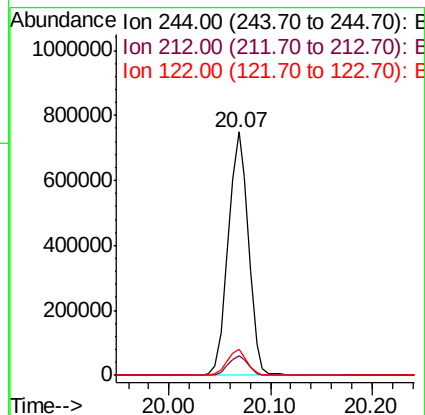
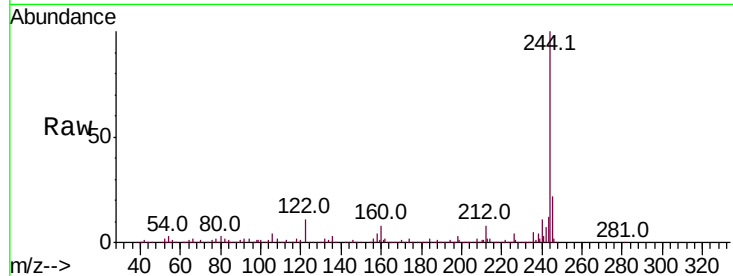


#79
 Terphenyl-d14
 Concen: 103.264 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038213.D
 Acq: 28 Nov 2018 23:50

Instrument :
 BNA_G
 ClientSampleId :
 112318-DBRI-F-U-S

Tot Ion:244 Resp: 1037915

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.5	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.01 min
 Lab File: BG038213.D
 Acq: 28 Nov 2018 23:50

Tgt Ion:264 Resp: 227460

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.2	27.4
265	23.1	17.9	26.9

