

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038722.D
 Acq On : 19 Dec 2018 10:28
 Operator : JU/SJ
 Sample : J6398-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-06-121118

Quant Time: Dec 19 12:26:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24942	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	102748	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	70048	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	174274	20.00	ng	0.00
76) Chrysene-d12	21.72	240	181048	20.00	ng	0.00
87) Perylene-d12	25.01	264	190290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	85539	60.83	ng	0.00
7) Phenol-d6	7.21	99	75003	38.85	ng	0.00
23) Nitrobenzene-d5	9.23	82	159576	79.34	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	129181	133.81	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	415969	81.47	ng	0.00
79) Terphenyl-d14	20.04	244	750575	90.22	ng	0.00

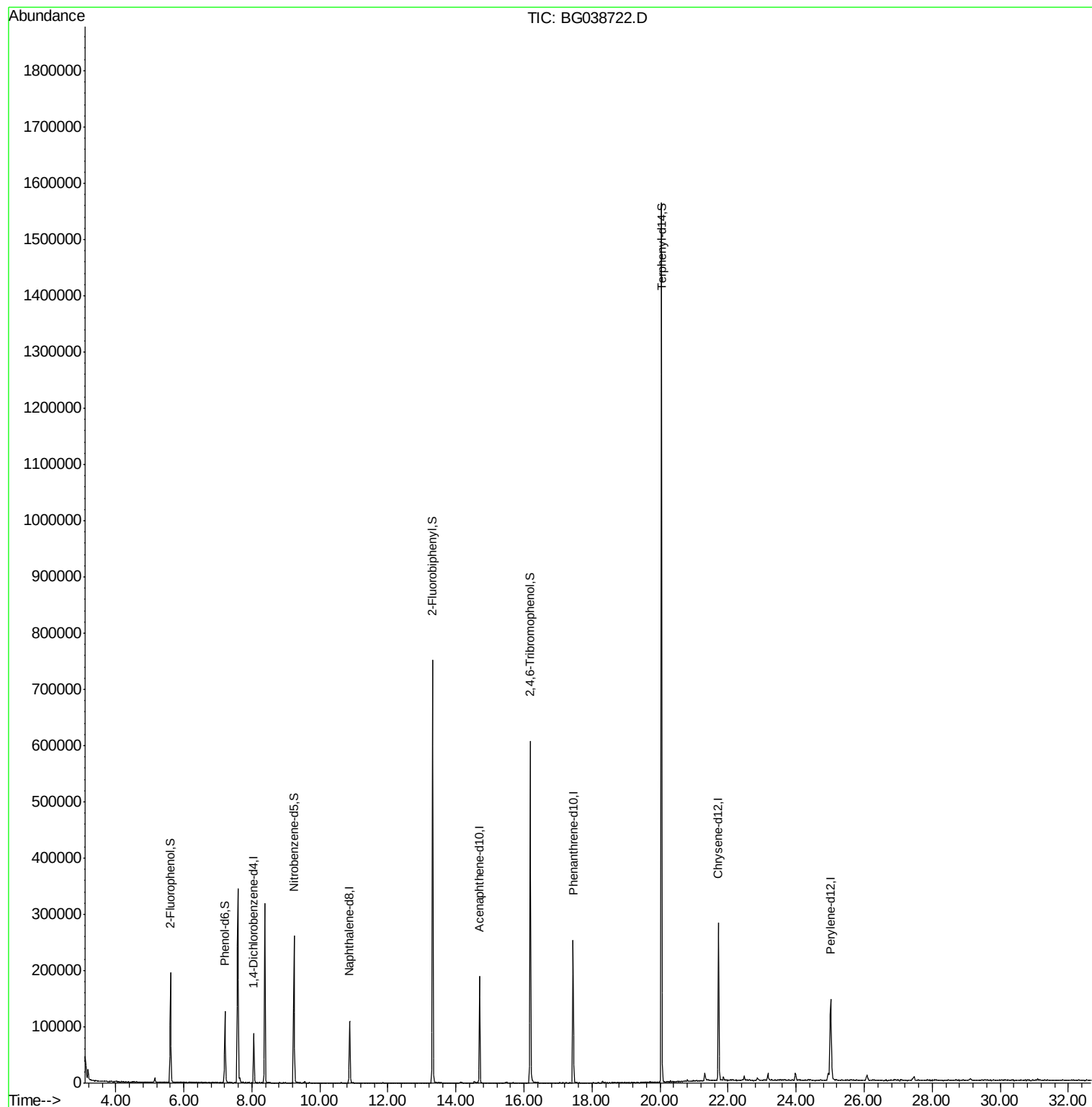
Target Compounds Qvalue

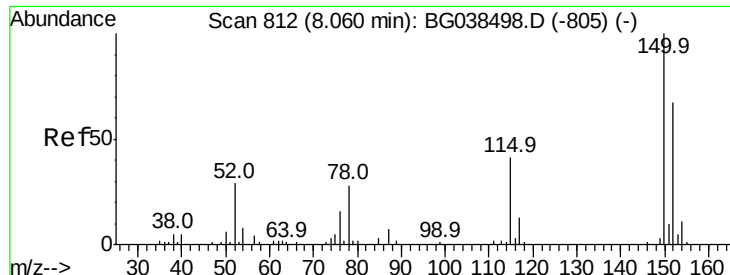
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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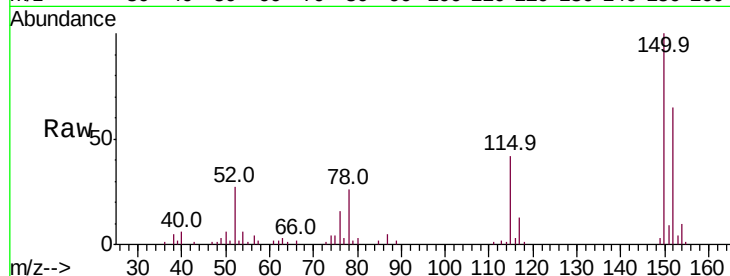


#1

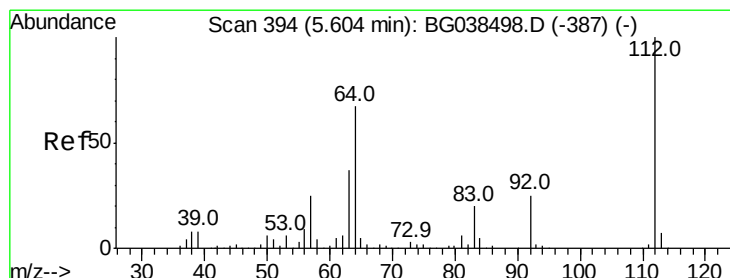
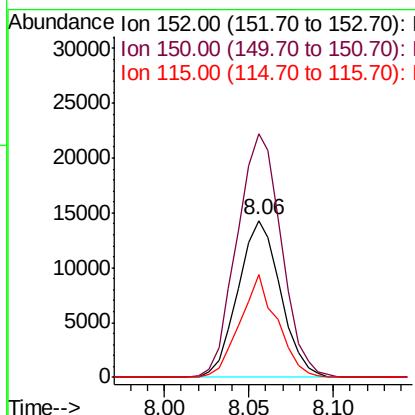
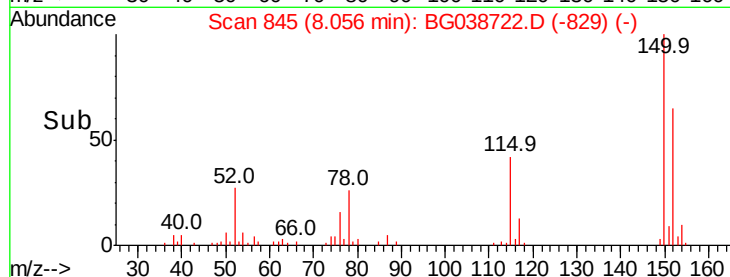
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038722.D
Acq: 19 Dec 2018 10:28

Instrument :
BNA_G
ClientSampleId :
C-MW-06-121118

Tot Ion:152 Resp: 24942
Ion Ratio Lower Upper
152 100
150 155.0 119.5 179.3
115 65.3 49.6 74.4



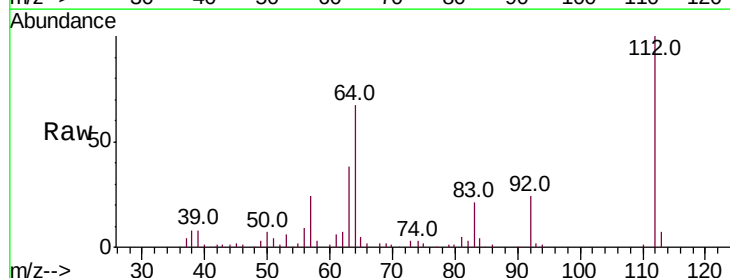
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



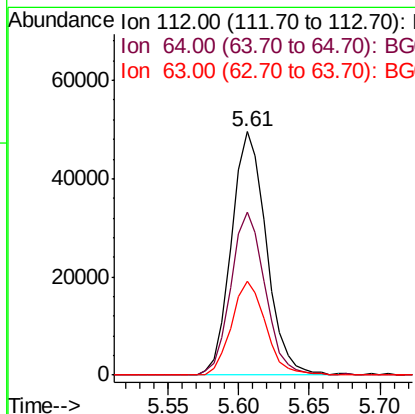
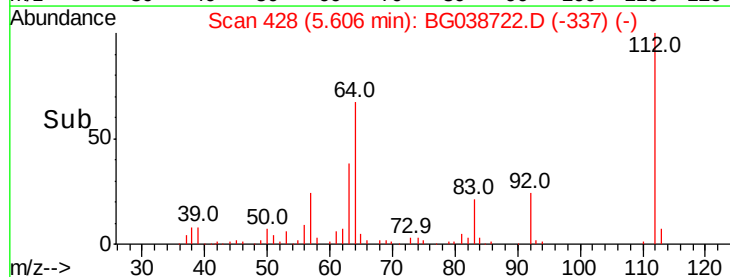
#5

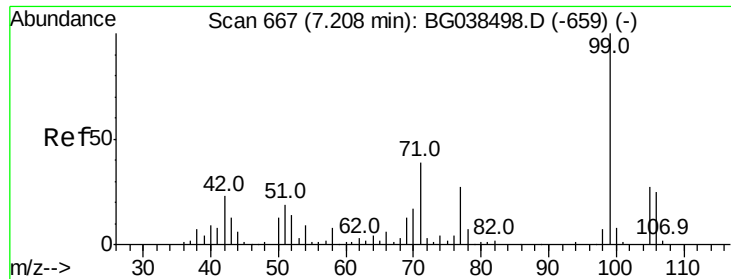
2-Fluorophenol
Concen: 60.828 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038722.D
Acq: 19 Dec 2018 10:28

Tgt Ion:112 Resp: 85539
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.2
63 38.4 29.3 43.9



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: 38.851 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038722.D

Acq: 19 Dec 2018 10:28

Instrument :

BNA_G

ClientSampleId :

C-MW-06-121118

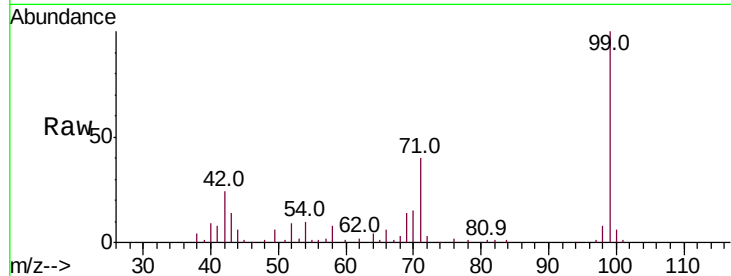
Tot Ion: 99 Resp: 75003

Ion Ratio Lower Upper

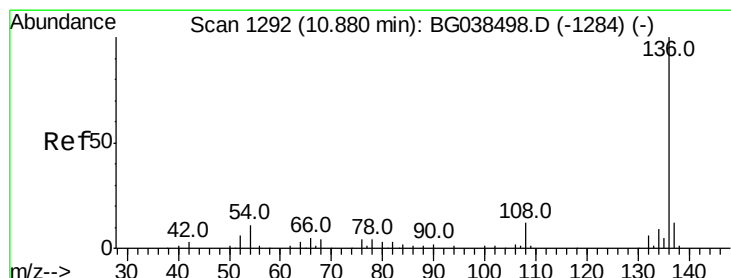
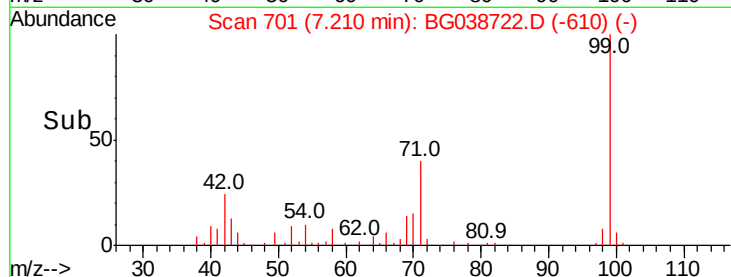
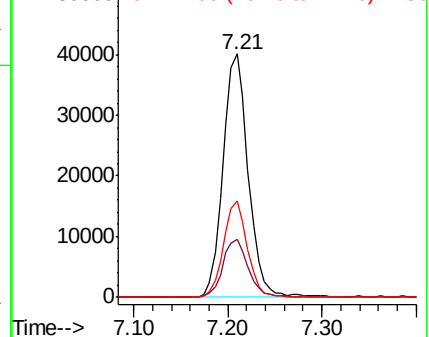
99 100

42 24.1 18.5 27.7

71 39.7 31.1 46.7



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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG038722.D

Acq: 19 Dec 2018 10:28

Tgt Ion: 136 Resp: 102748

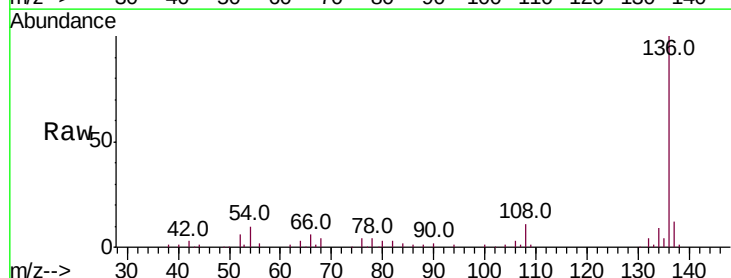
Ion Ratio Lower Upper

136 100

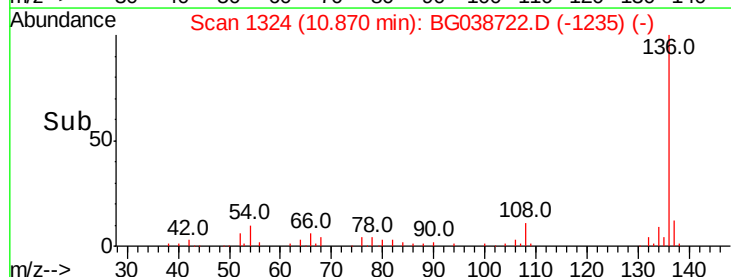
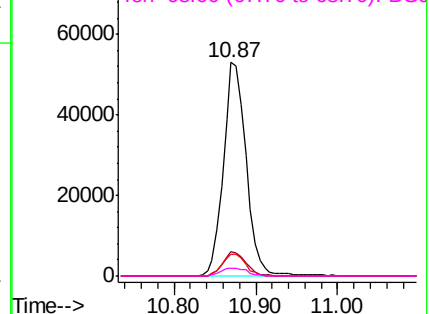
137 11.6 9.3 13.9

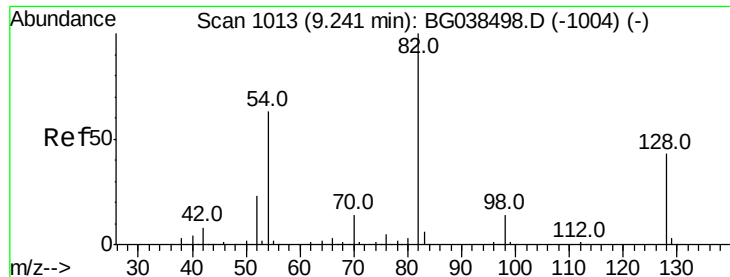
54 10.3 8.5 12.7

68 3.6 3.5 5.3



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

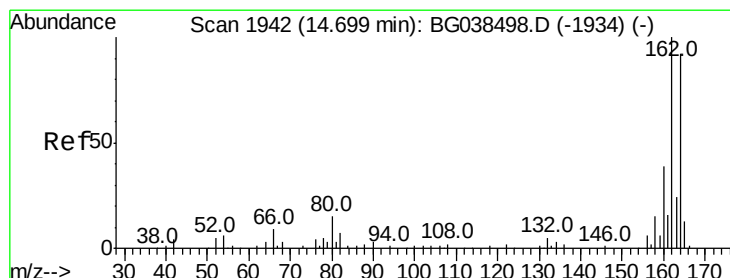
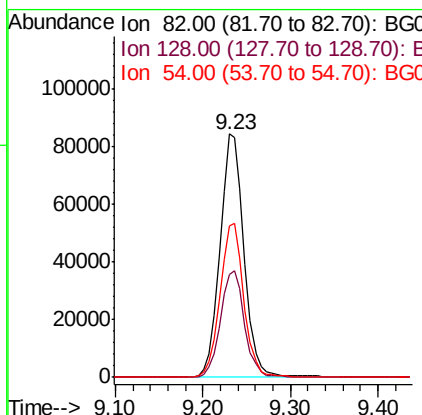
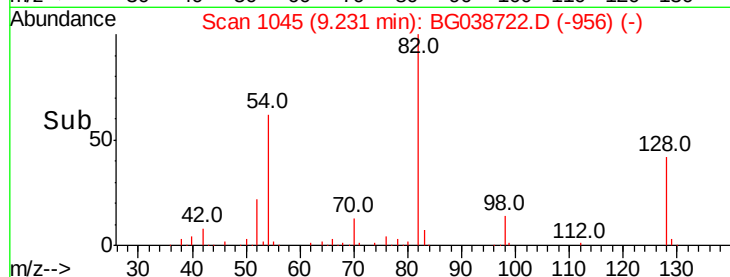
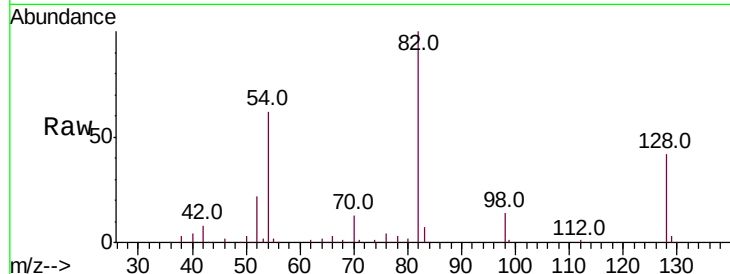




#23
 Nitrobenzene-d5
 Concen: 79.342 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038722.D
 Acq: 19 Dec 2018 10:28

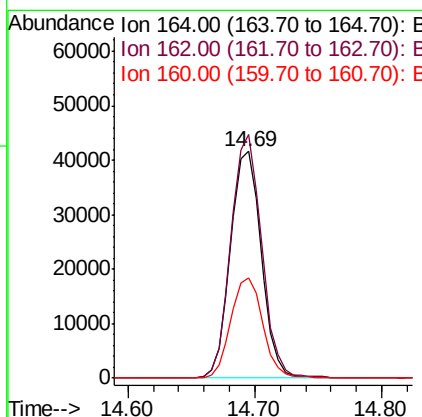
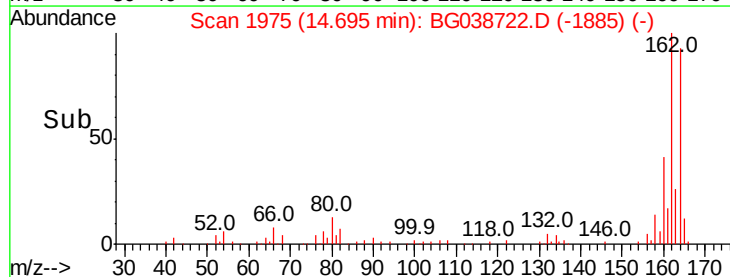
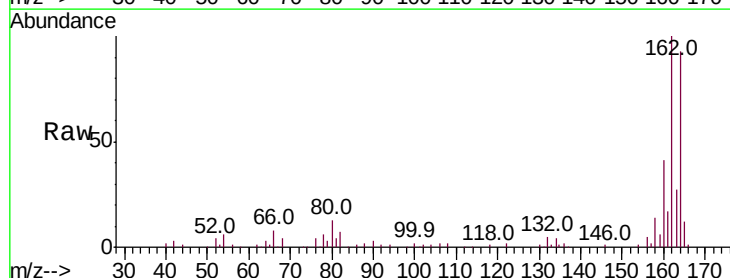
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-06-121118

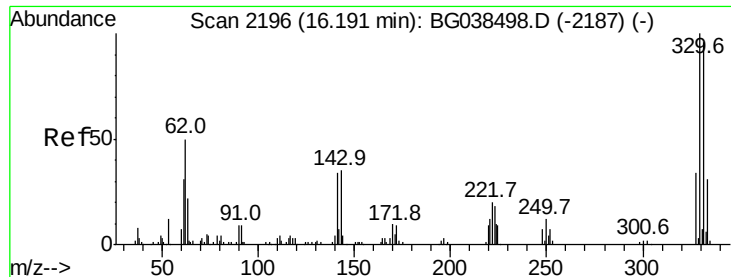
Tot Ion: 82 Resp: 159576
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 62.0 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038722.D
 Acq: 19 Dec 2018 10:28

Tgt Ion: 164 Resp: 70048
 Ion Ratio Lower Upper
 164 100
 162 107.5 86.6 130.0
 160 44.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 133.813 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038722.D

Acq: 19 Dec 2018 10:28

Instrument :

BNA_G

ClientSampleId :

C-MW-06-121118

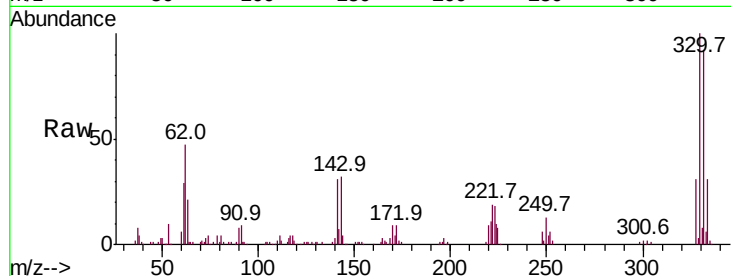
Tot Ion:330 Resp: 129181

Ion Ratio Lower Upper

330 100

332 94.2 76.9 115.3

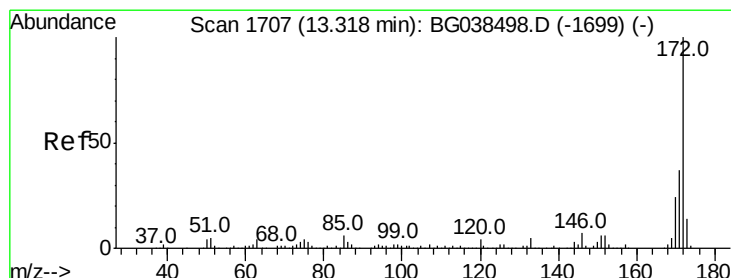
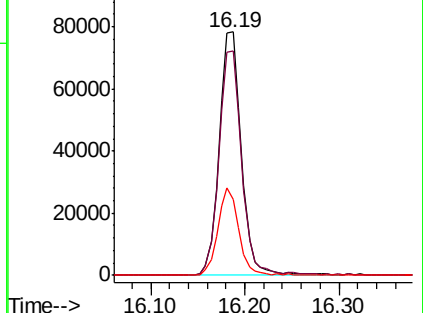
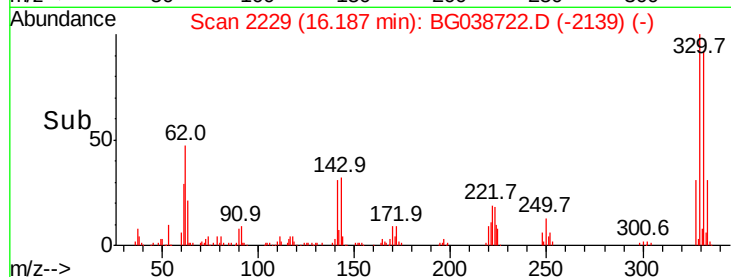
141 33.8 28.8 43.2



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: 81.465 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG038722.D

Acq: 19 Dec 2018 10:28

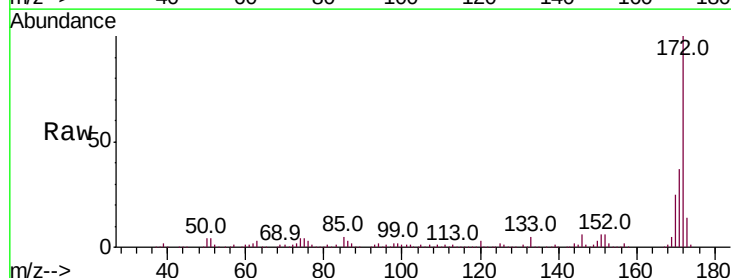
Tgt Ion:172 Resp: 415969

Ion Ratio Lower Upper

172 100

171 36.9 29.8 44.6

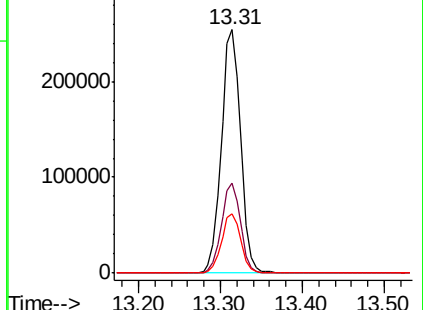
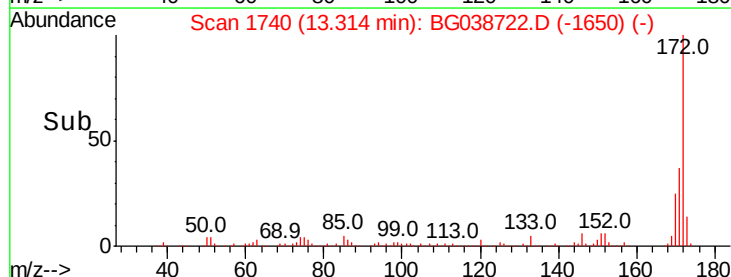
170 24.5 19.5 29.3

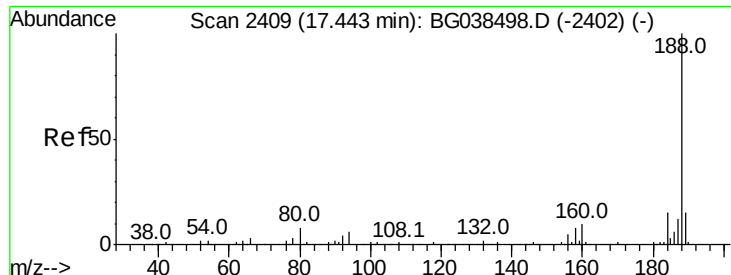


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

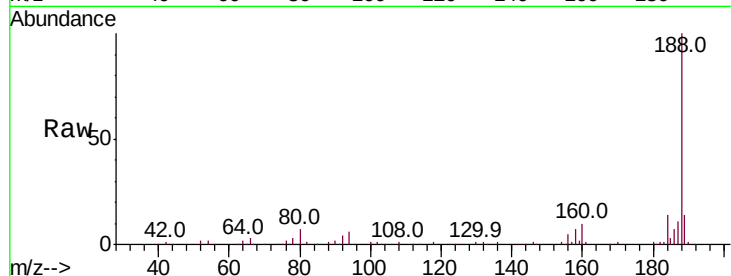




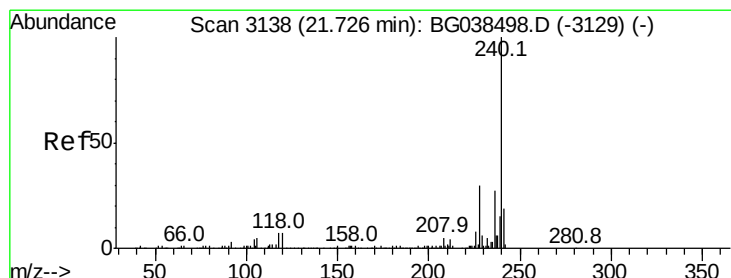
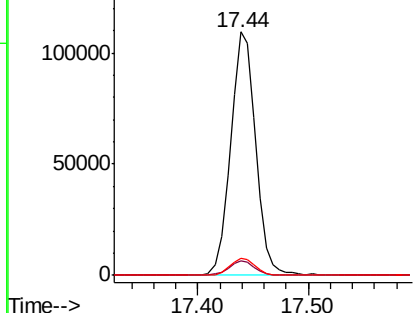
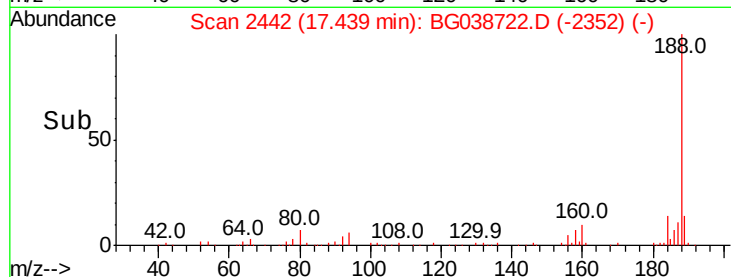
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038722.D
 Acq: 19 Dec 2018 10:28

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-06-121118

Tot Ion:188 Resp: 174274
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.1 7.7
 80 7.1 6.1 9.1

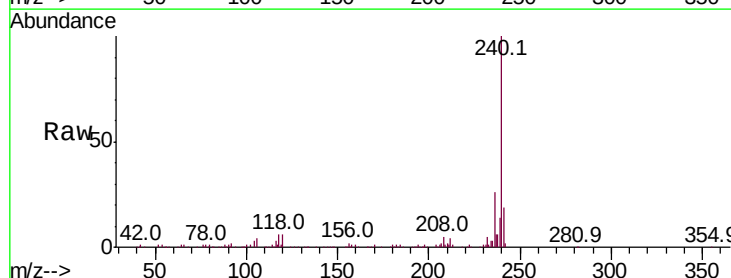


Abundance Ion 188.00 (187.70 to 188.70): E
 150000 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

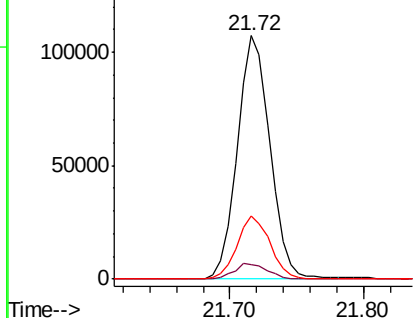
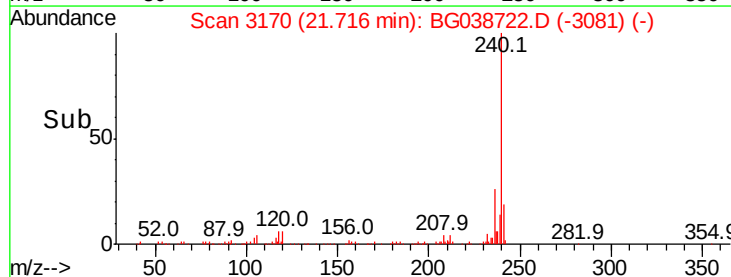


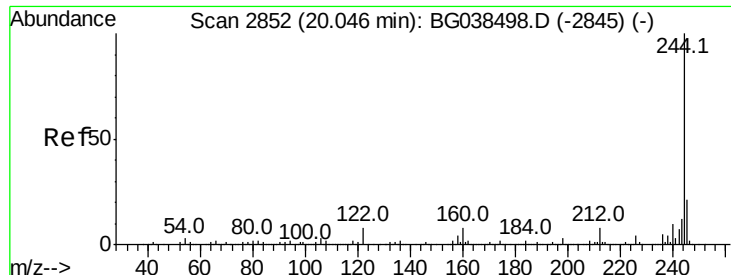
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038722.D
 Acq: 19 Dec 2018 10:28

Tgt Ion:240 Resp: 181048
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.3 7.9
 236 26.1 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
 150000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.225 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038722.D

Acq: 19 Dec 2018 10:28

Instrument :

BNA_G

ClientSampleId :

C-MW-06-121118

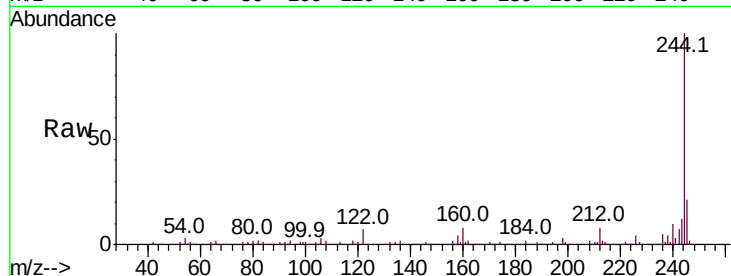
Tot Ion:244 Resp: 750575

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

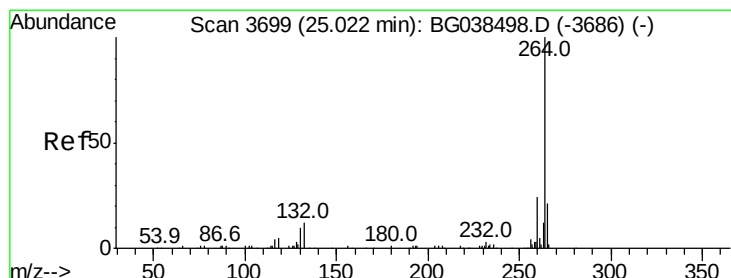
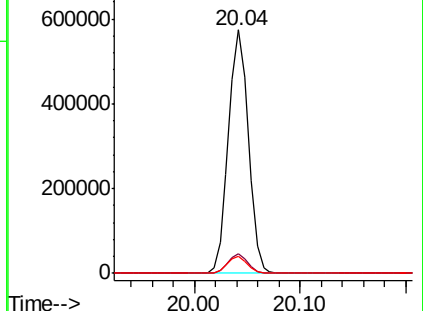
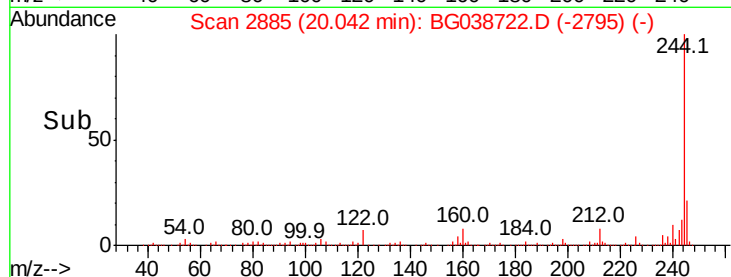
122 7.2 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038722.D

Acq: 19 Dec 2018 10:28

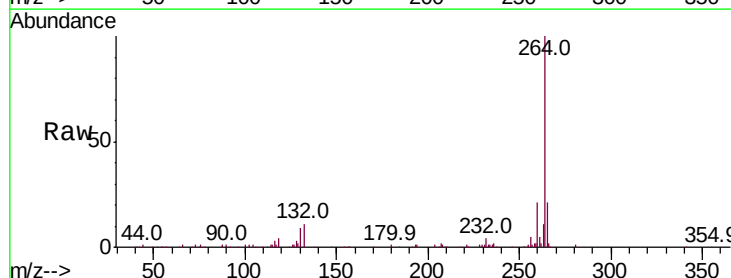
Tgt Ion:264 Resp: 190290

Ion Ratio Lower Upper

264 100

260 21.2 18.9 28.3

265 21.0 17.0 25.4



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

