

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038771.D
 Acq On : 20 Dec 2018 20:51
 Operator : JU/SJ
 Sample : J6398-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-121118RE

Quant Time: Dec 21 00:22:48 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

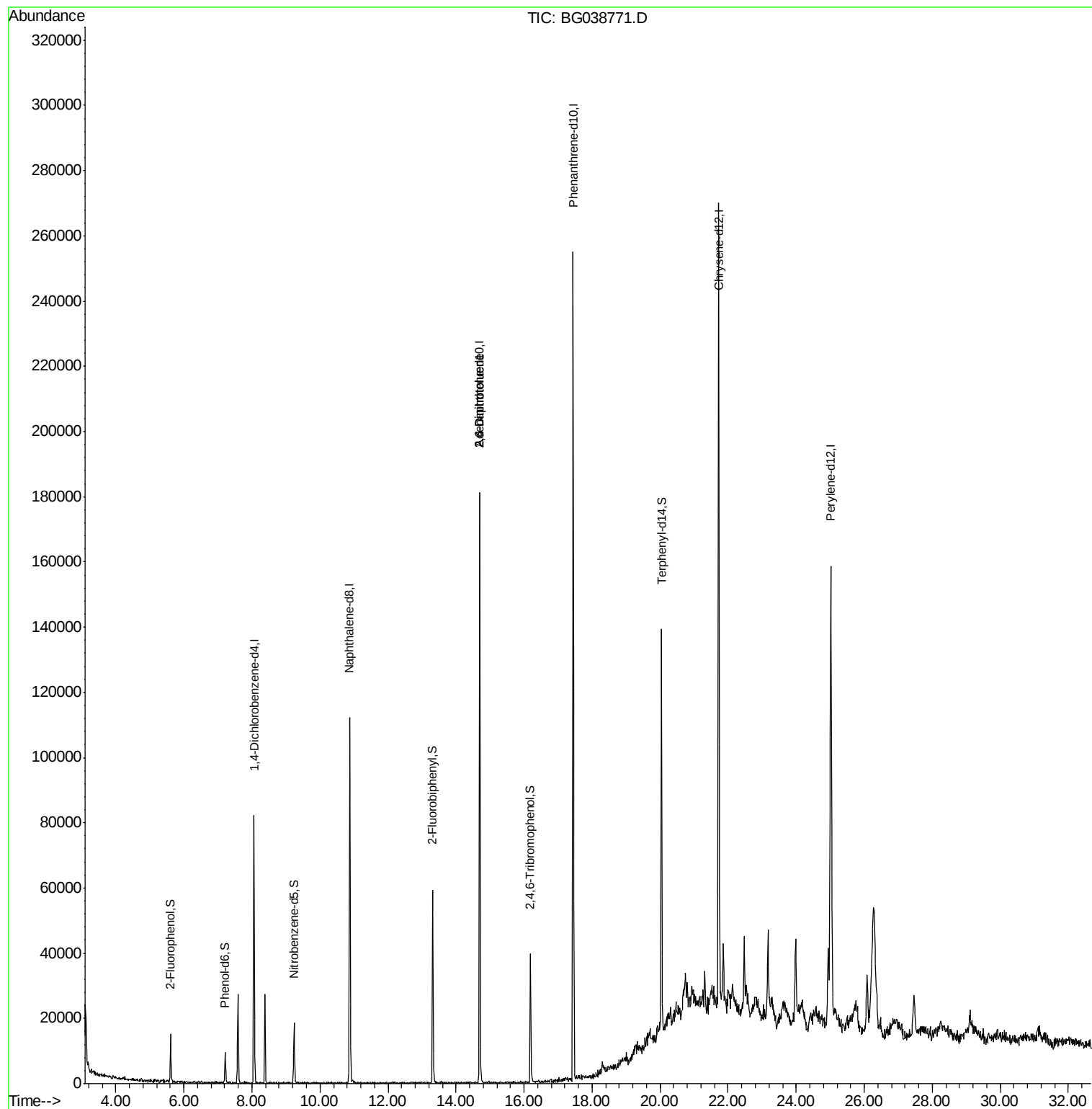
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22759	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	100310	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	69052	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	169515	20.00	ng	0.00
76) Chrysene-d12	21.72	240	159068	20.00	ng	0.00
87) Perylene-d12	25.02	264	170813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	6563	5.11	ng	0.00
7) Phenol-d6	7.21	99	5645	3.20	ng	0.00
23) Nitrobenzene-d5	9.24	82	13222	6.73	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	10246	10.77	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	36352	7.22	ng	0.00
79) Terphenyl-d14	20.04	244	64542	8.83	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.69	165	9123	7.139	ng	Qvalue # 19
57) 2,4-Dinitrotoluene	14.69	165	9123	5.069	ng	# 21

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

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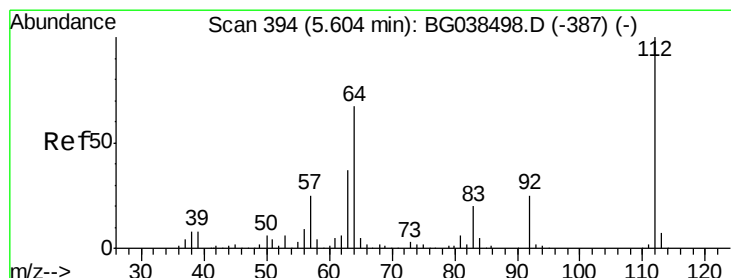
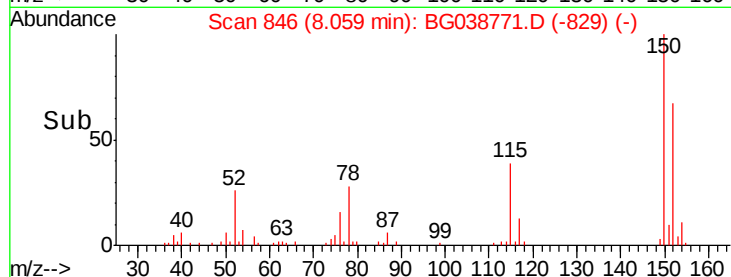
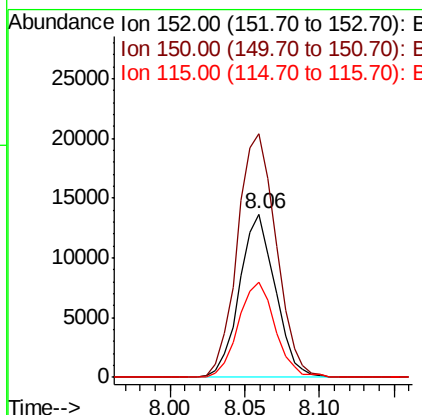
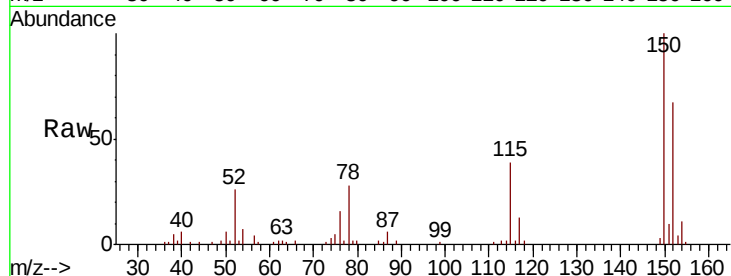




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038771.D
 Acq: 20 Dec 2018 20:51

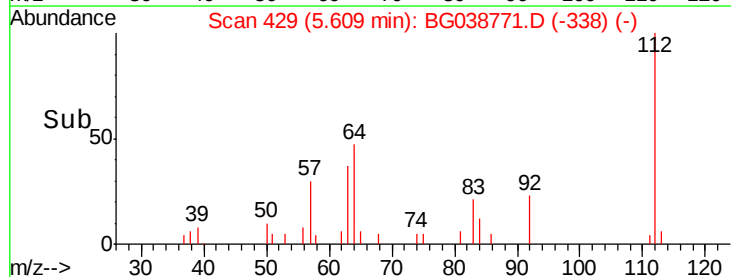
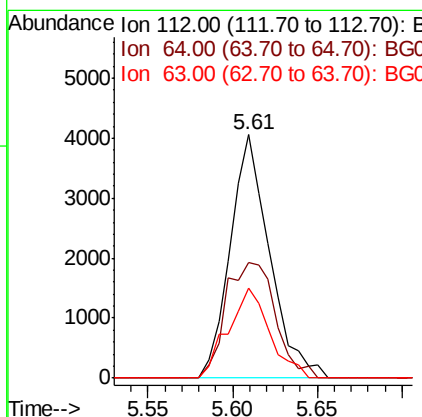
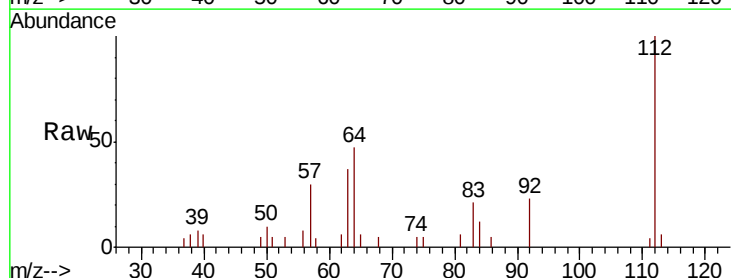
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-121118RE

Tgt Ion:152 Resp: 22759
 Ion Ratio Lower Upper
 152 100
 150 149.2 119.5 179.3
 115 58.2 49.6 74.4



#5
 2-Fluorophenol
 Concen: 5.115 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038771.D
 Acq: 20 Dec 2018 20:51

Tgt Ion:112 Resp: 6563
 Ion Ratio Lower Upper
 112 100
 64 47.3 53.4 80.2#
 63 36.9 29.3 43.9





#7

Phenol-d6

Concen: 3.205 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038771.D

Acq: 20 Dec 2018 20:51

Instrument :

BNA_G

ClientSampleId :

C-MW-05-121118RE

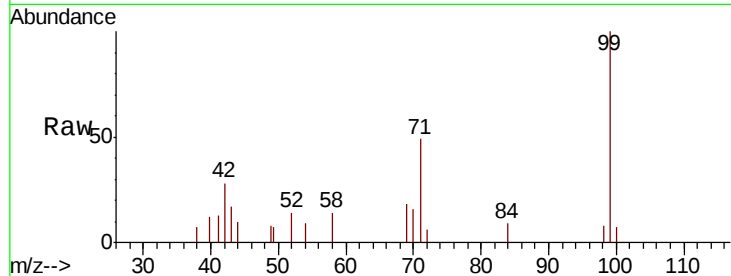
Tgt Ion: 99 Resp: 5645

Ion Ratio Lower Upper

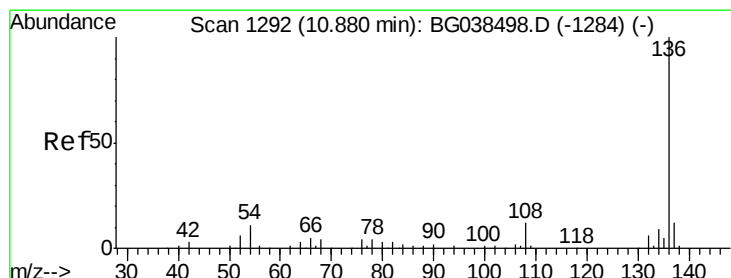
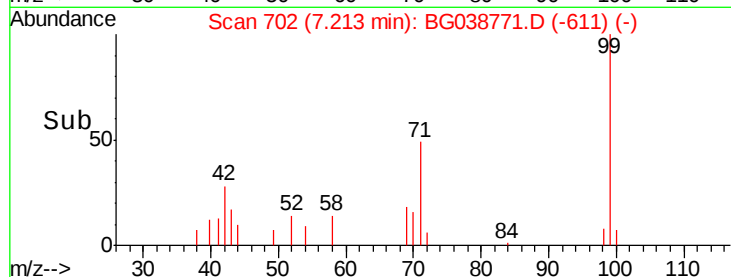
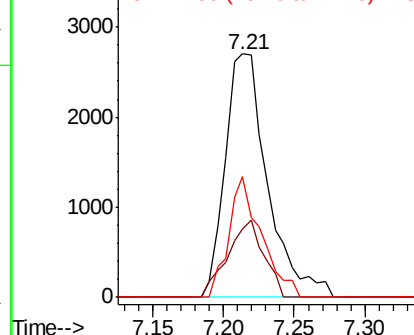
99 100

42 27.9 18.5 27.7#

71 49.4 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# 1325

Delta R.T. -0.01 min

Lab File: BG038771.D

Acq: 20 Dec 2018 20:51

Tgt Ion: 136 Resp: 100310

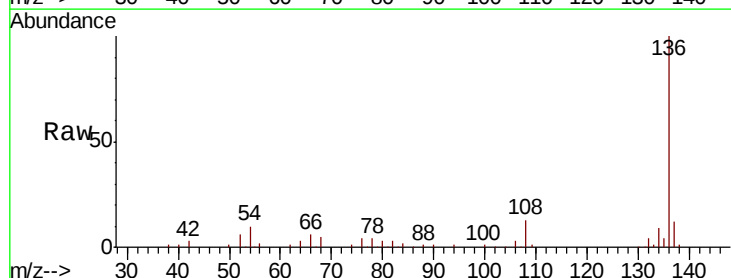
Ion Ratio Lower Upper

136 100

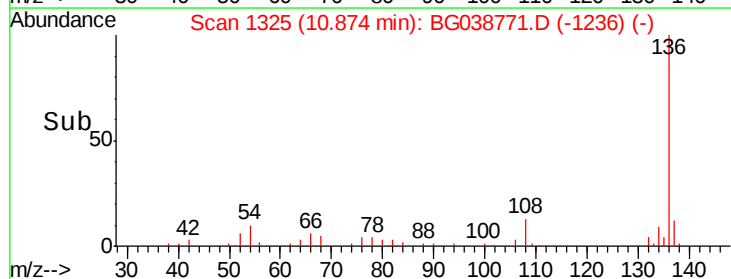
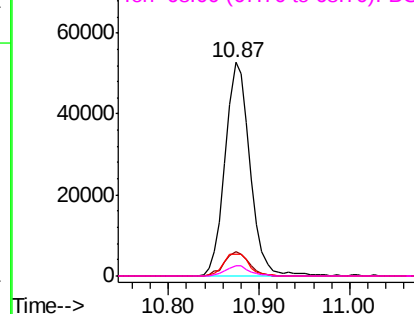
137 11.5 9.3 13.9

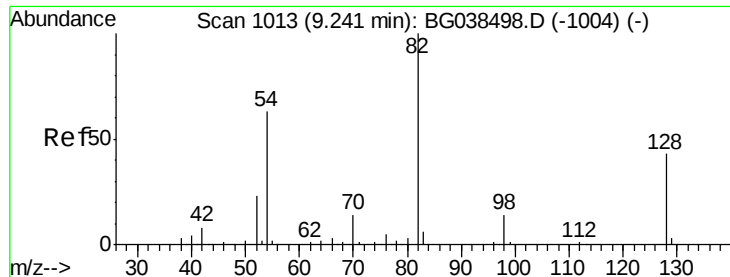
54 10.0 8.5 12.7

68 4.9 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

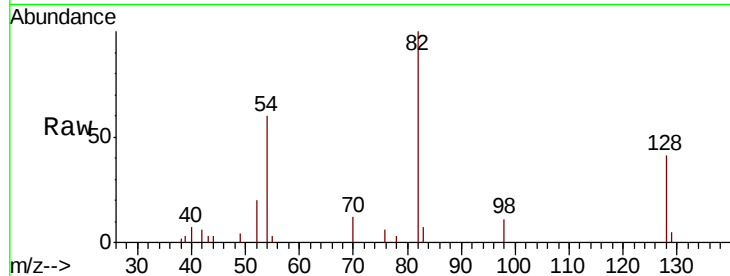




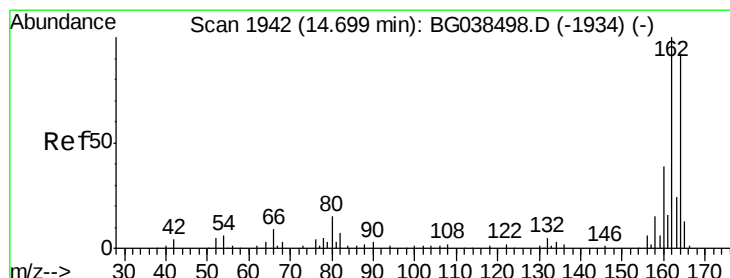
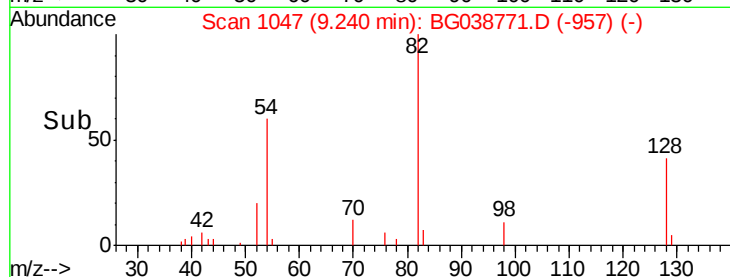
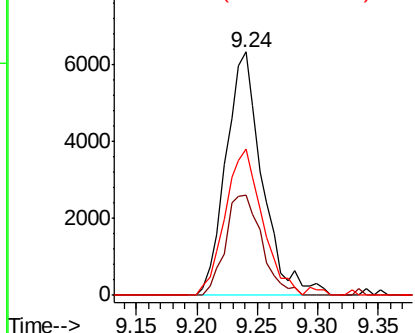
#23
 Nitrobenzene-d5
 Concen: 6.734 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038771.D
 Acq: 20 Dec 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-121118RE

Tgt Ion: 82 Resp: 13222
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 60.0 50.6 76.0

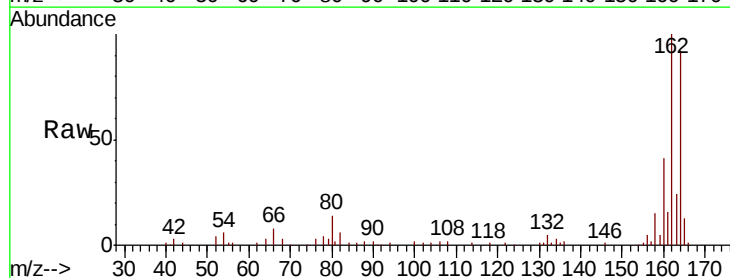


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

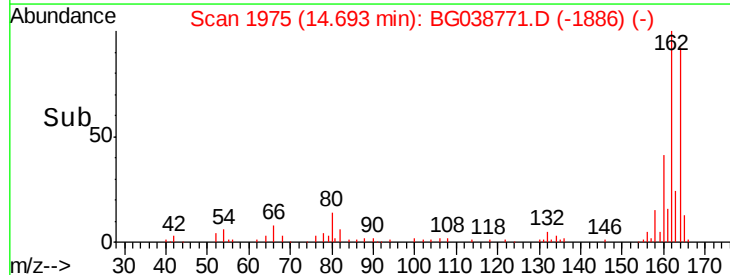
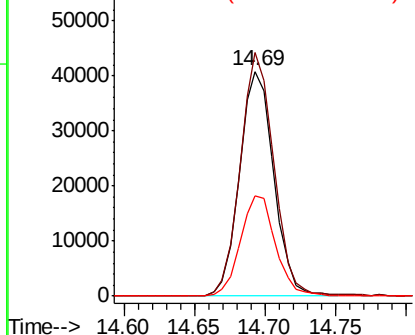


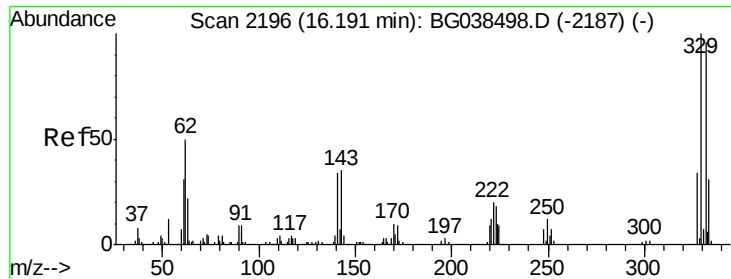
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038771.D
 Acq: 20 Dec 2018 20:51

Tgt Ion: 164 Resp: 69052
 Ion Ratio Lower Upper
 164 100
 162 108.3 86.6 130.0
 160 44.3 34.2 51.2



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

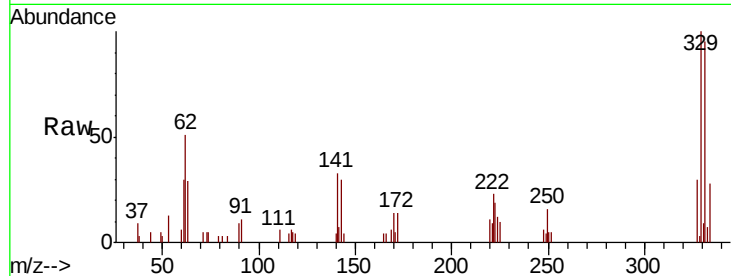




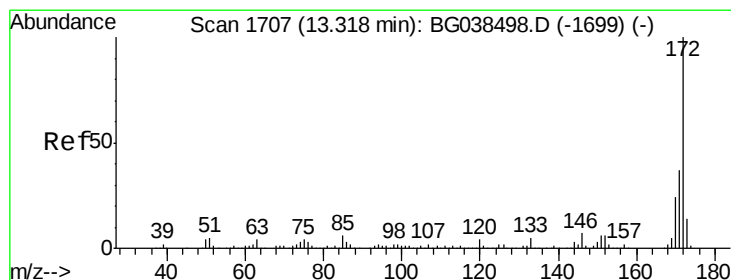
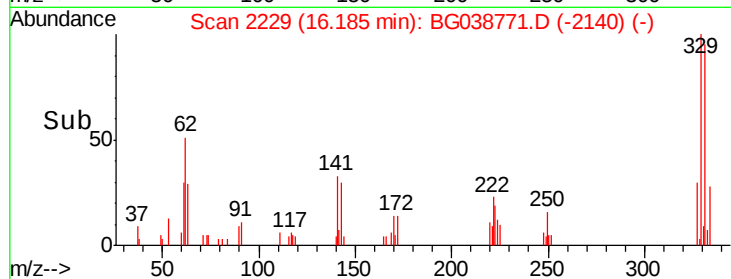
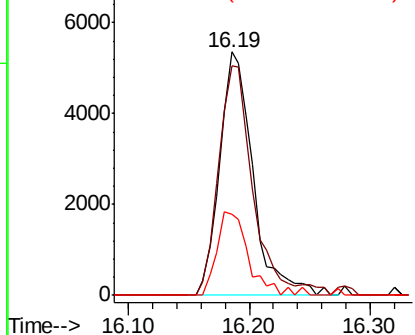
#42
 2,4,6-Tribromophenol
 Concen: 10.766 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038771.D
 Acq: 20 Dec 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-121118RE

Tgt Ion:330 Resp: 10246
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 31.1 28.8 43.2

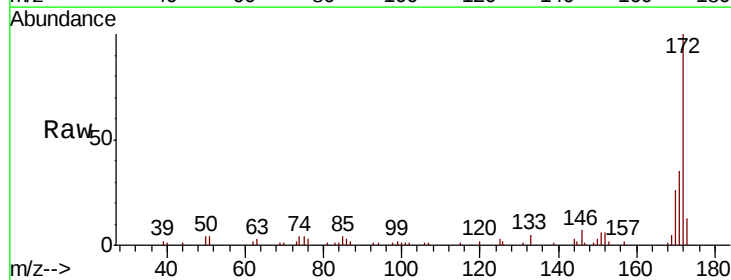


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

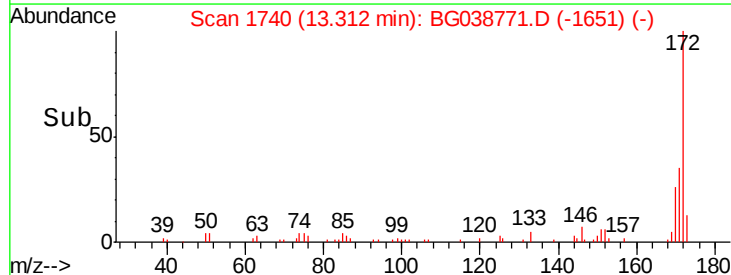
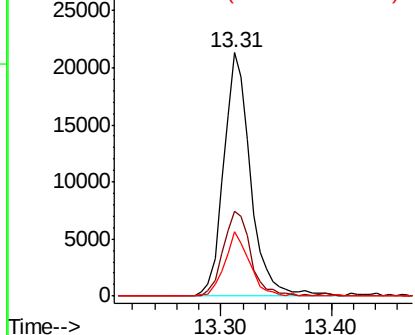


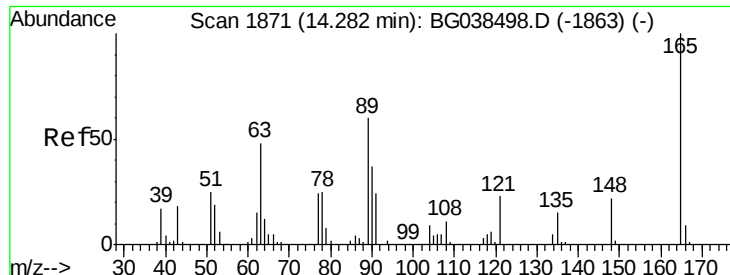
#45
 2-Fluorobiphenyl
 Concen: 7.222 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038771.D
 Acq: 20 Dec 2018 20:51

Tgt Ion:172 Resp: 36352
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.8 44.6
 170 26.2 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

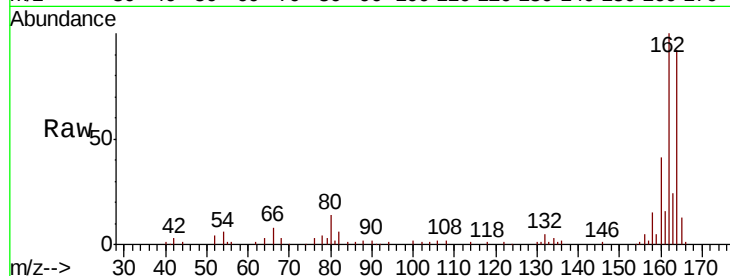




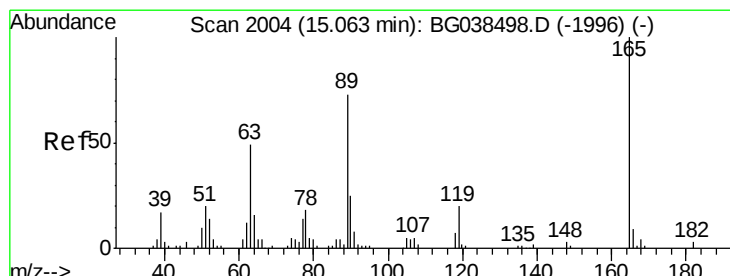
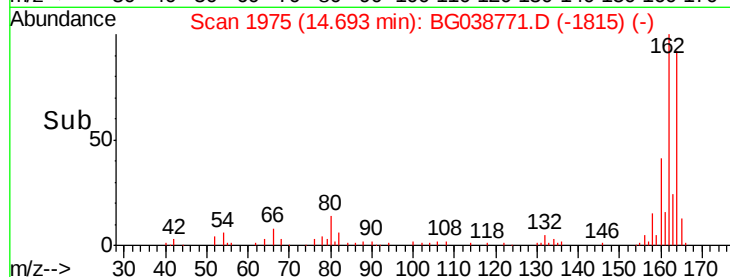
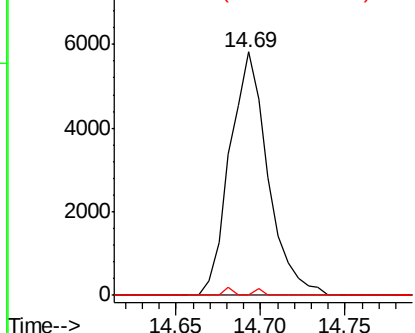
#51
 2,6-Dinitrotoluene
 Concen: 7.139 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038771.D
 Acq: 20 Dec 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-121118RE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



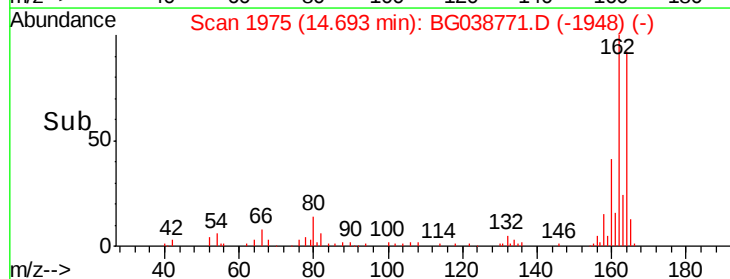
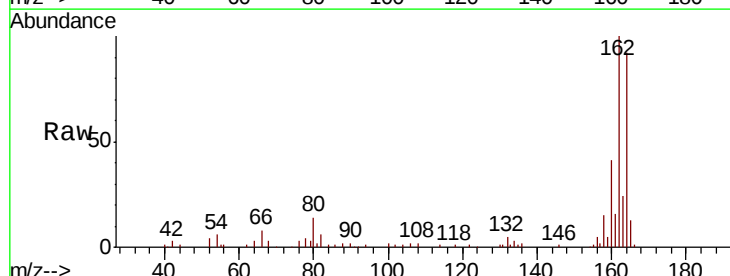
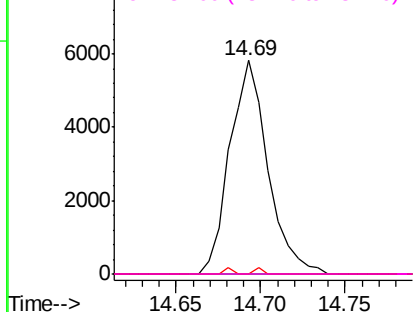
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

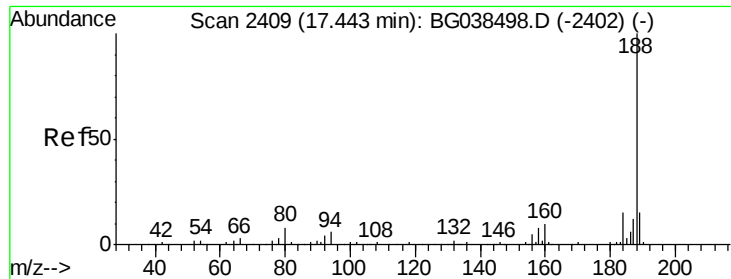


#57
 2,4-Dinitrotoluene
 Concen: 5.069 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038771.D
 Acq: 20 Dec 2018 20:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

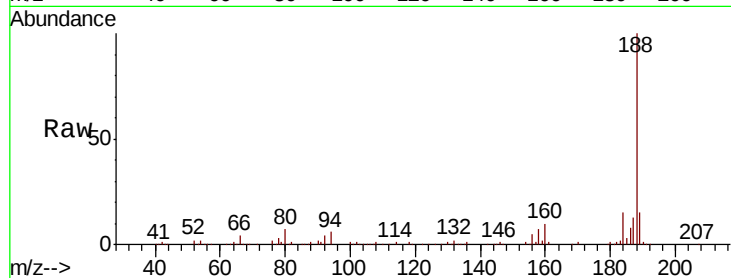




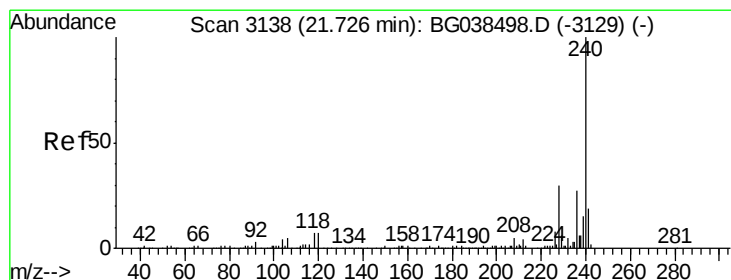
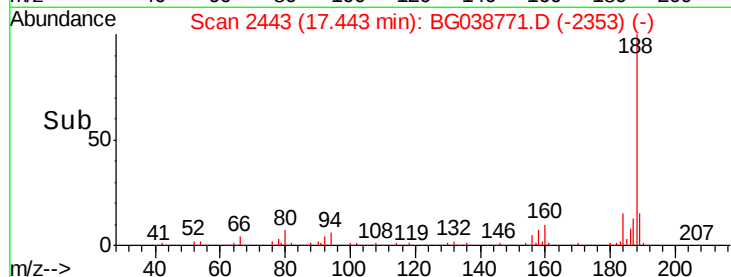
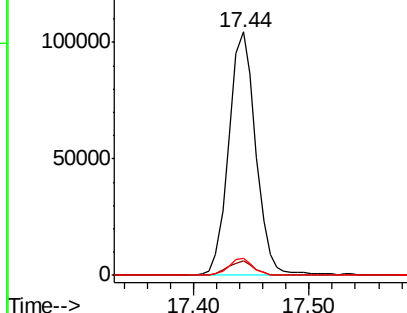
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038771.D
Acq: 20 Dec 2018 20:51

Instrument :
BNA_G
ClientSampleId :
C-MW-05-121118RE

Tgt Ion:188 Resp: 169515
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 7.0 6.1 9.1

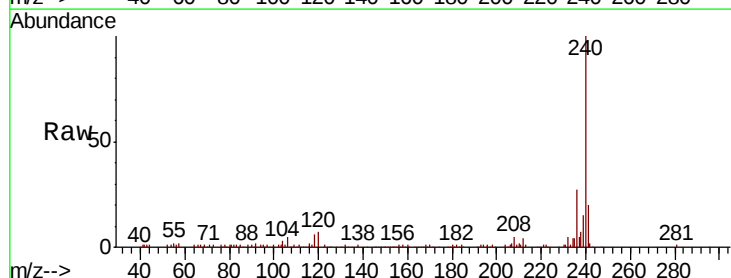


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

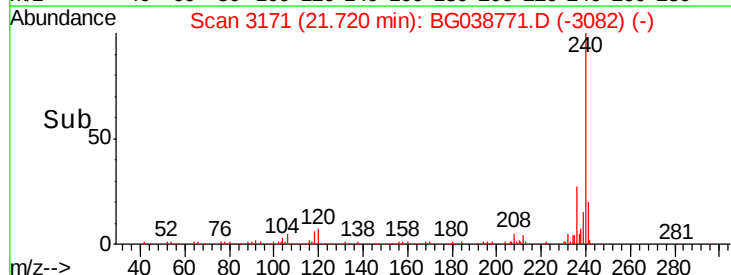
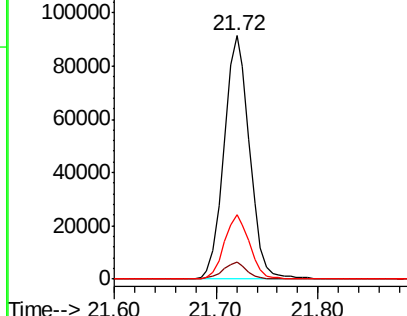


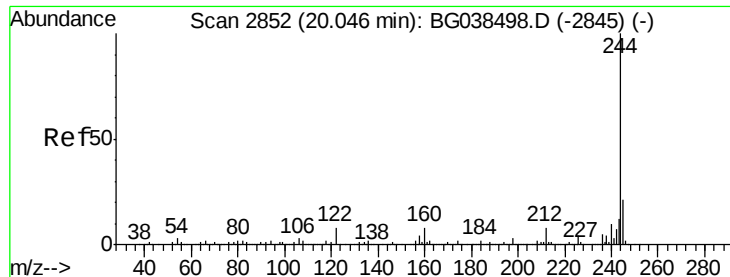
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038771.D
Acq: 20 Dec 2018 20:51

Tgt Ion:240 Resp: 159068
Ion Ratio Lower Upper
240 100
120 6.8 5.3 7.9
236 26.6 21.4 32.2



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: 8.830 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038771.D

Acq: 20 Dec 2018 20:51

Instrument :

BNA_G

ClientSampleId :

C-MW-05-121118RE

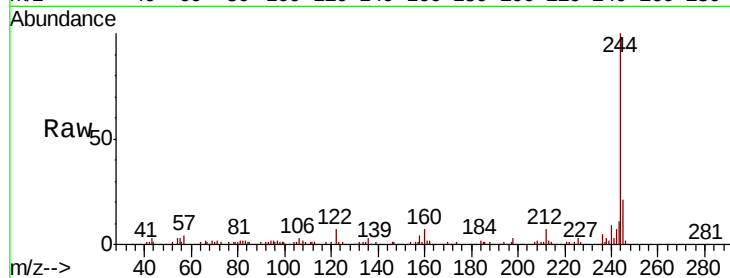
Tgt Ion:244 Resp: 64542

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

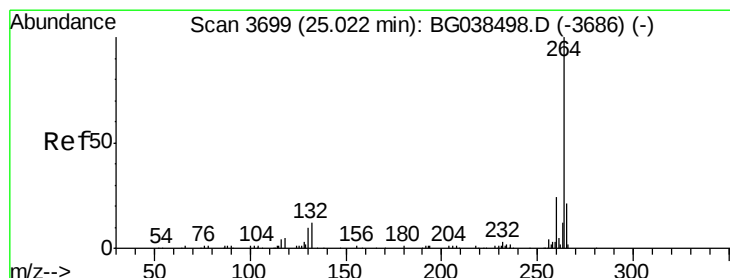
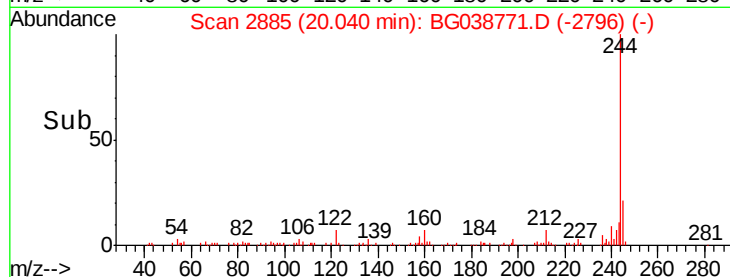
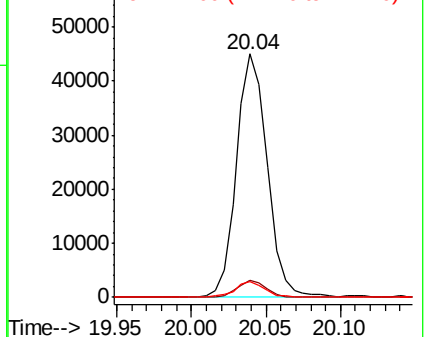
122 6.5 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038771.D

Acq: 20 Dec 2018 20:51

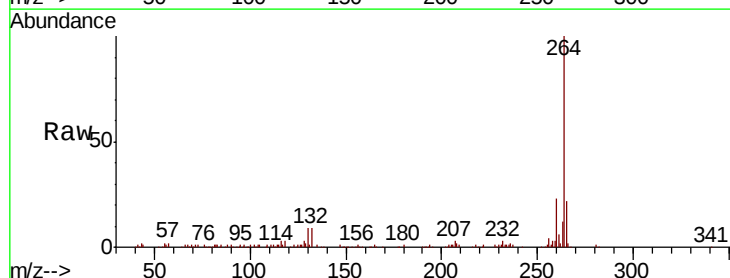
Tgt Ion:264 Resp: 170813

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 22.0 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

