

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038725.D
 Acq On : 19 Dec 2018 12:25
 Operator : JU/SJ
 Sample : J6398-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-121118

Quant Time: Dec 19 14:25:00 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

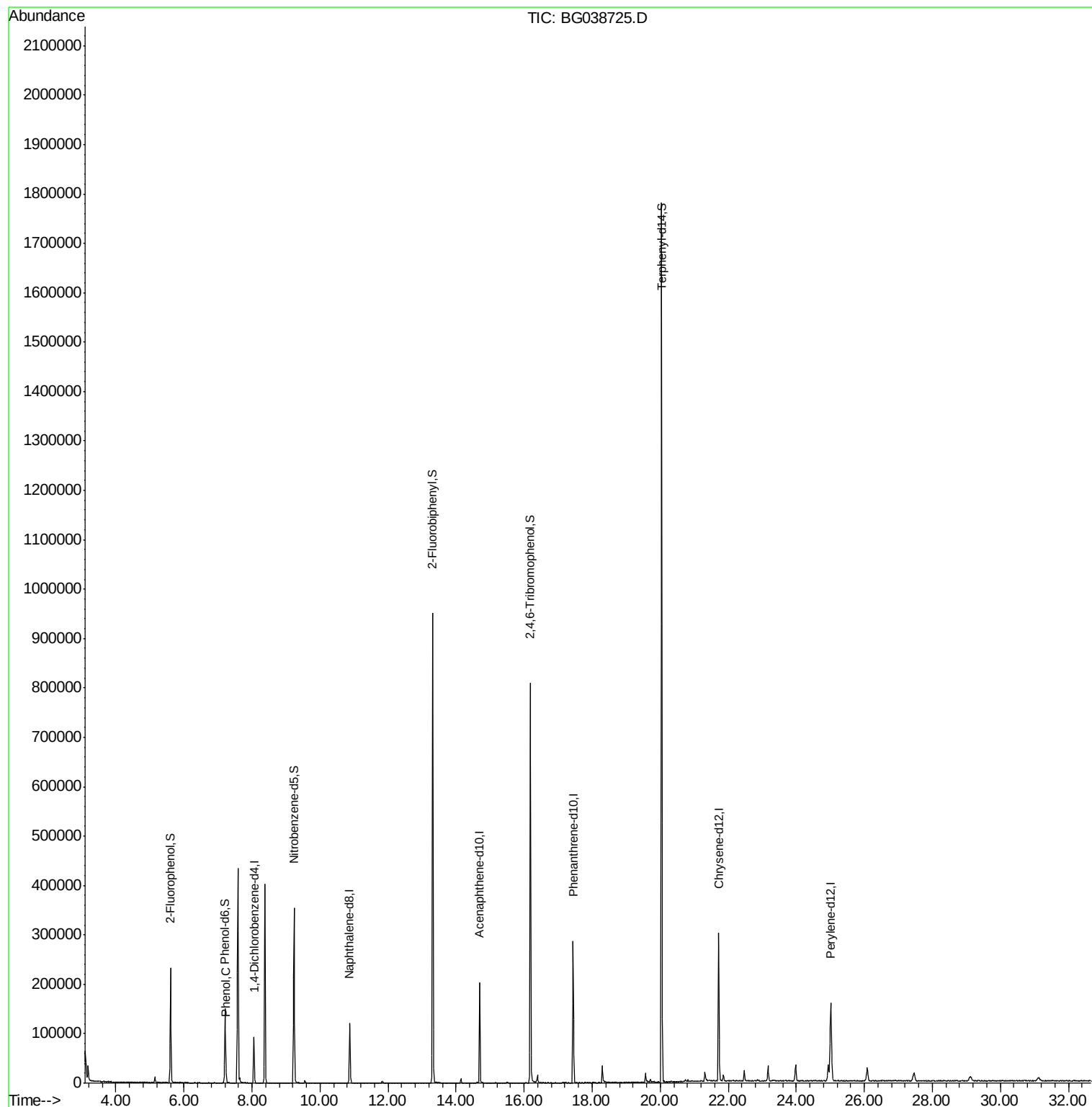
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27056	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	108931	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	74889	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	186396	20.00	ng	0.00
76) Chrysene-d12	21.72	240	193480	20.00	ng	0.00
87) Perylene-d12	25.01	264	203212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	102289	67.06	ng	0.00
7) Phenol-d6	7.21	99	86770	41.43	ng	0.00
23) Nitrobenzene-d5	9.23	82	203682	95.52	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	162241	157.19	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	524723	96.12	ng	0.00
79) Terphenyl-d14	20.04	244	880527	99.04	ng	0.00
Target Compounds						
10) Phenol	7.24	94	9501	4.270	ng	Qvalue 90

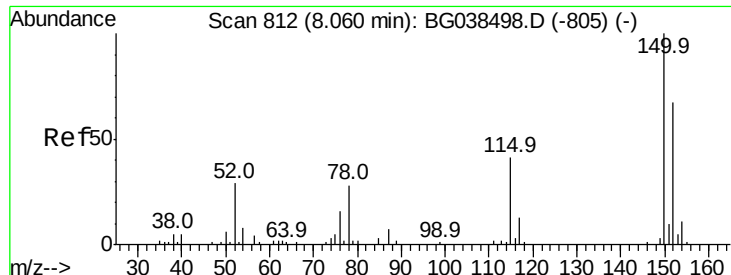
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 12 15:26:27 2018
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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: BG038725.D

Acq: 19 Dec 2018 12:25

Instrument :

BNA_G

ClientSampleId :

C-MW-09-121118

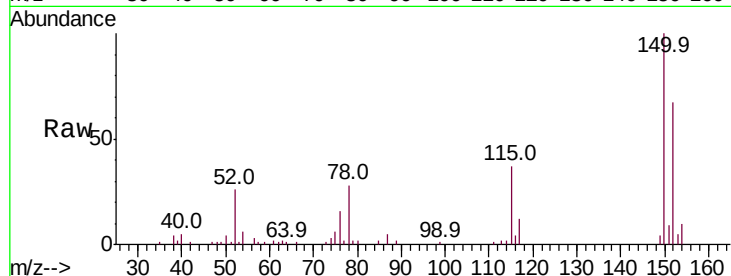
Tot Ion:152 Resp: 27056

Ion Ratio Lower Upper

152 100

150 150.2 119.5 179.3

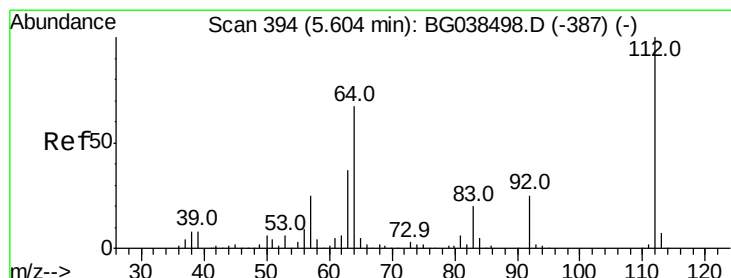
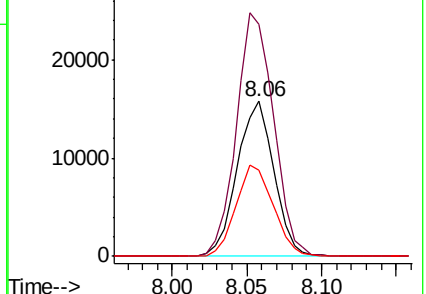
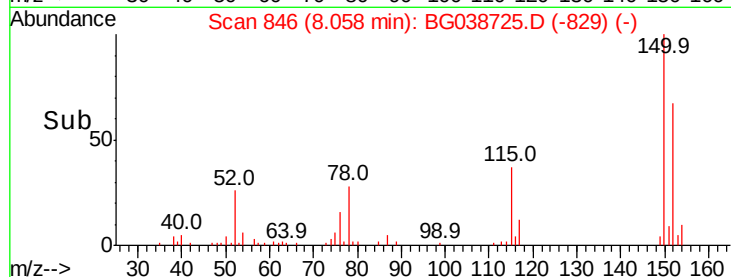
115 55.8 49.6 74.4



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: 67.055 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038725.D

Acq: 19 Dec 2018 12:25

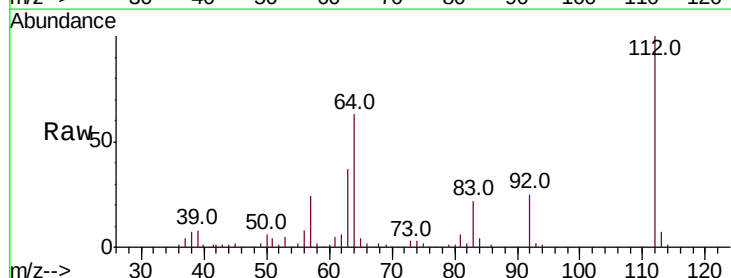
Tgt Ion:112 Resp: 102289

Ion Ratio Lower Upper

112 100

64 62.8 53.4 80.2

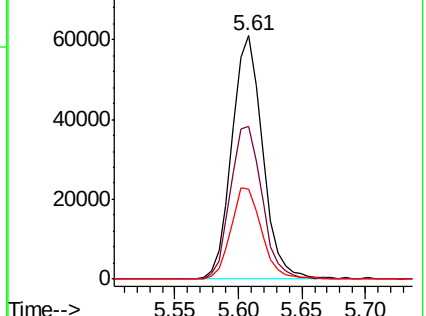
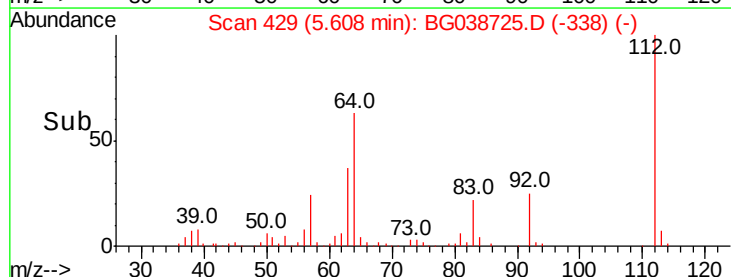
63 37.2 29.3 43.9

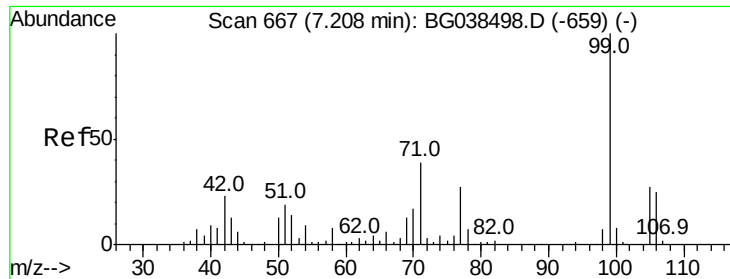


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 41.435 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038725.D

Acq: 19 Dec 2018 12:25

Instrument :

BNA_G

ClientSampleId :

C-MW-09-121118

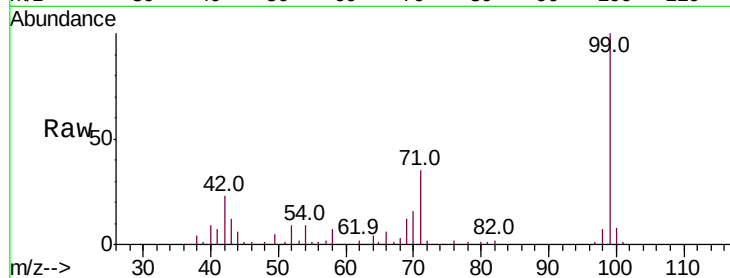
Tot Ion: 99 Resp: 86770

Ion Ratio Lower Upper

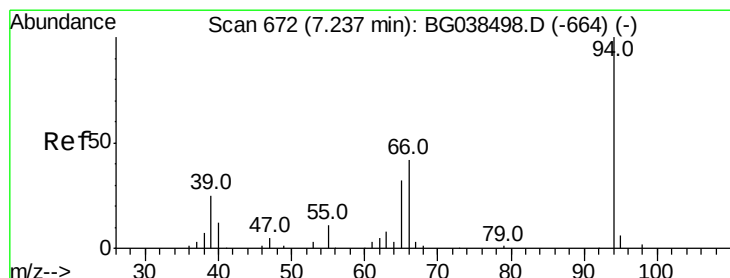
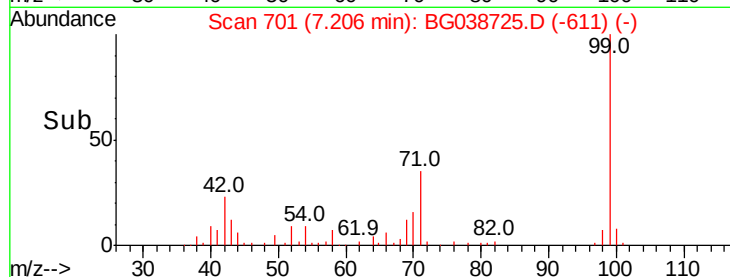
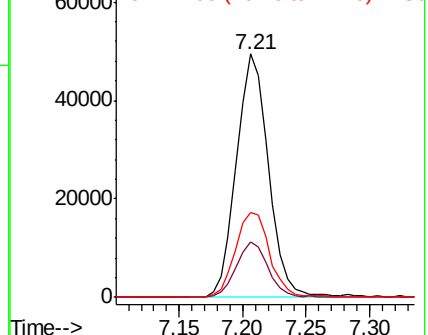
99 100

42 22.7 18.5 27.7

71 35.1 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



#10

Phenol

Concen: 4.270 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038725.D

Acq: 19 Dec 2018 12:25

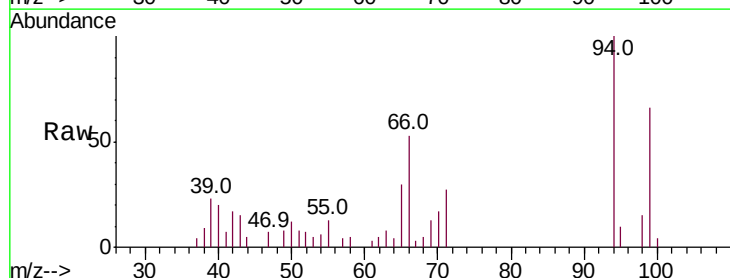
Tgt Ion: 94 Resp: 9501

Ion Ratio Lower Upper

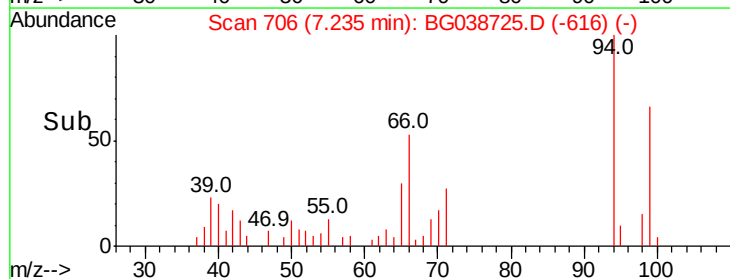
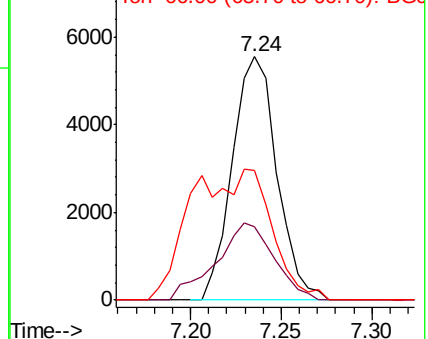
94 100

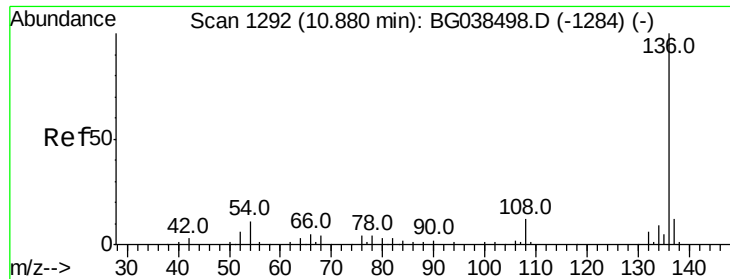
65 30.0 12.6 52.6

66 53.5 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

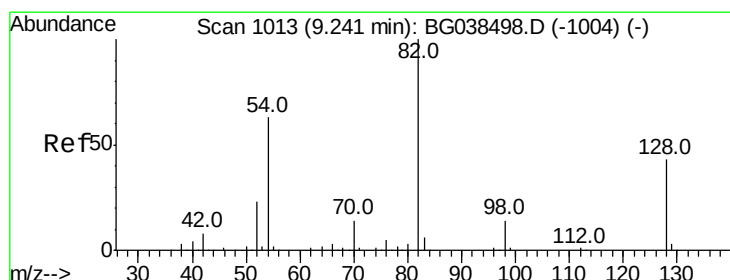
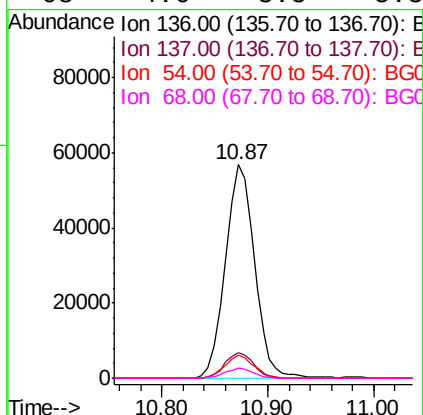
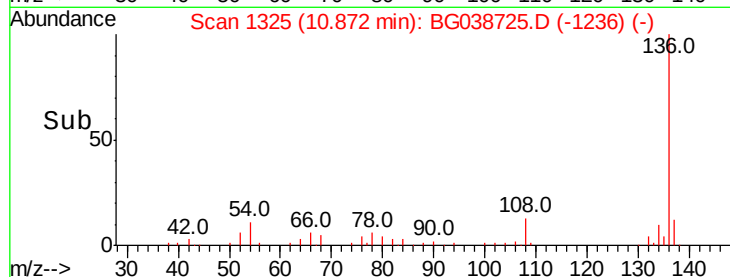
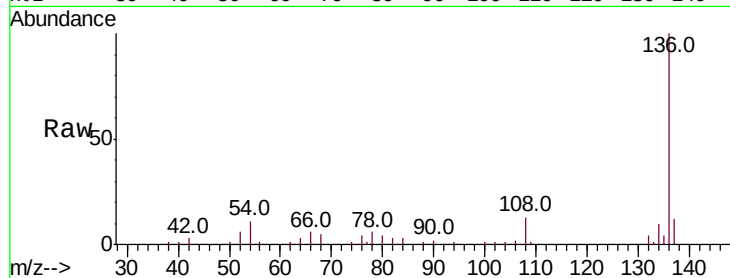




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038725.D
Acq: 19 Dec 2018 12:25

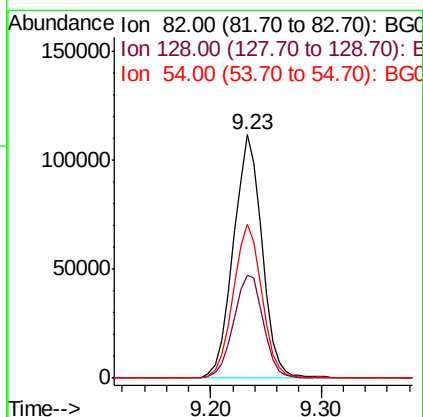
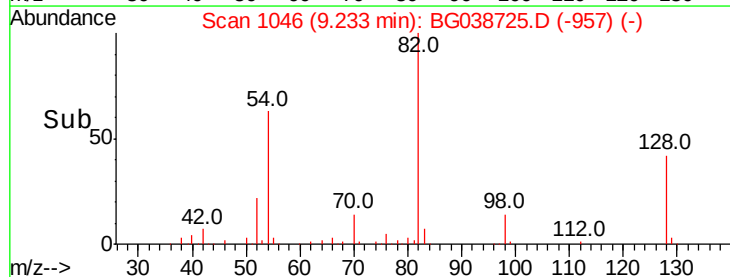
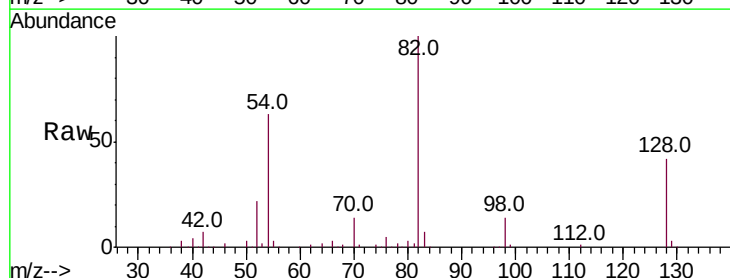
Instrument :
BNA_G
ClientSampleId :
C-MW-09-121118

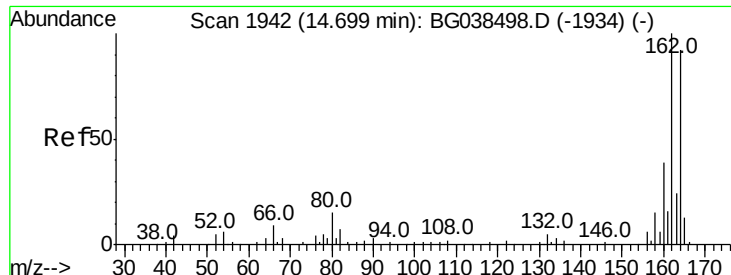
Tot Ion:136	Resp:	108931
Ion	Ratio	Lower Upper
136	100	
137	12.1	9.3 13.9
54	10.6	8.5 12.7
68	4.6	3.5 5.3



#23
Nitrobenzene-d5
Concen: 95.524 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038725.D
Acq: 19 Dec 2018 12:25

Tgt Ion: 82	Resp:	203682
Ion	Ratio	Lower Upper
82	100	
128	42.5	34.6 52.0
54	63.2	50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038725.D

Acq: 19 Dec 2018 12:25

Instrument :

BNA_G

ClientSampleId :

C-MW-09-121118

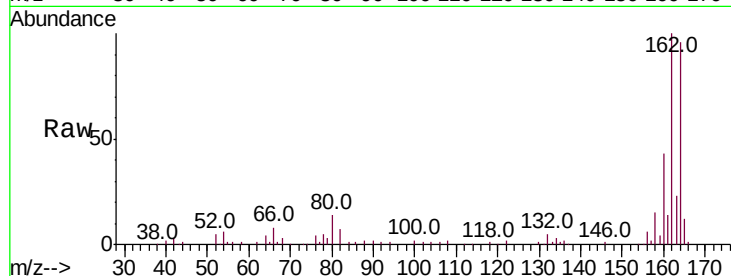
Tot Ion:164 Resp: 74889

Ion Ratio Lower Upper

164 100

162 103.9 86.6 130.0

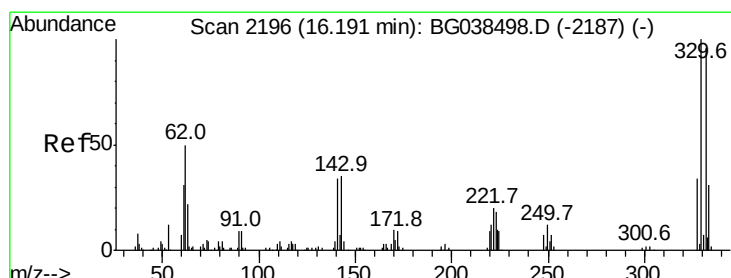
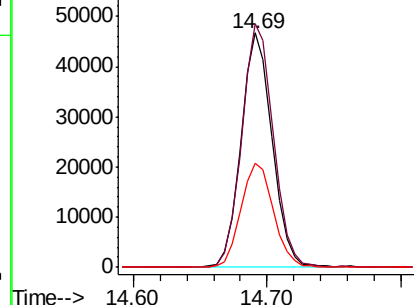
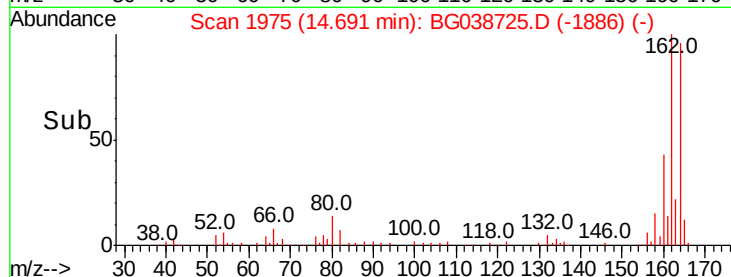
160 44.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 157.194 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038725.D

Acq: 19 Dec 2018 12:25

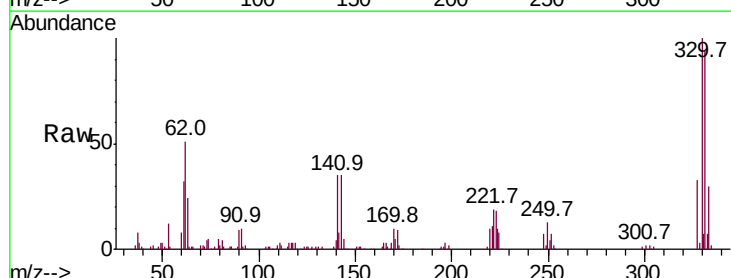
Tgt Ion:330 Resp: 162241

Ion Ratio Lower Upper

330 100

332 94.6 76.9 115.3

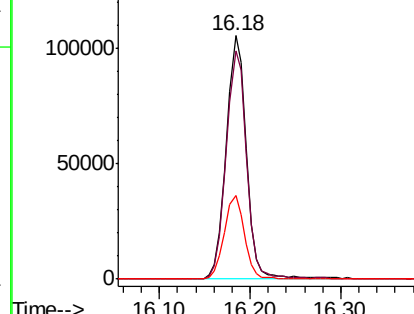
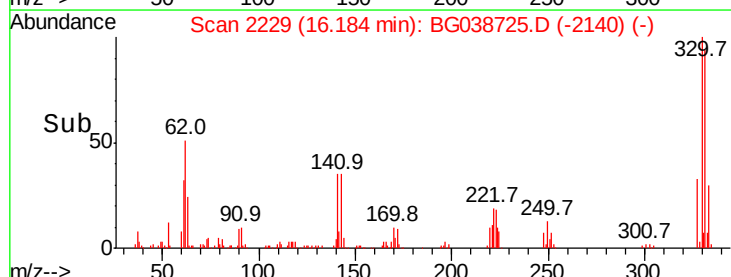
141 34.6 28.8 43.2

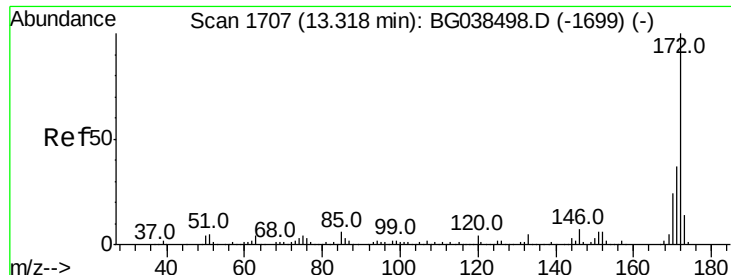


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

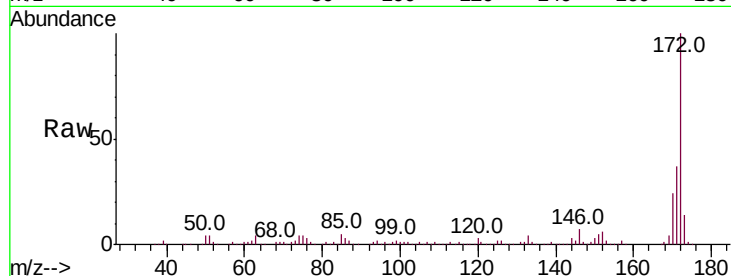




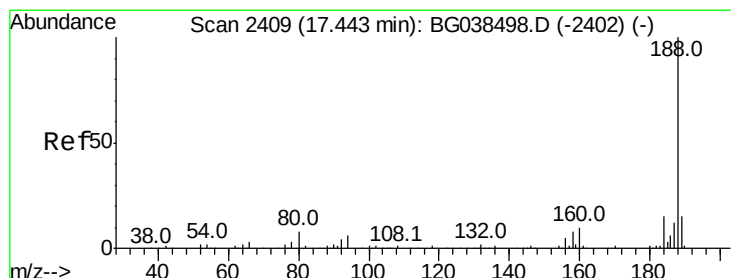
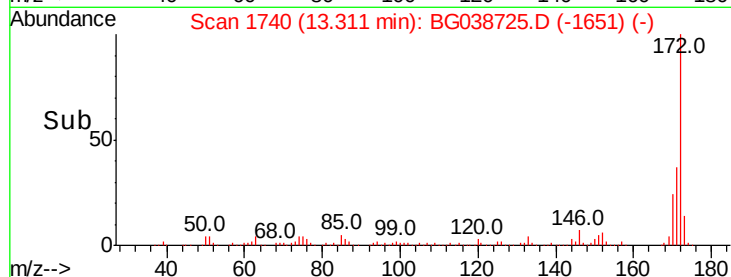
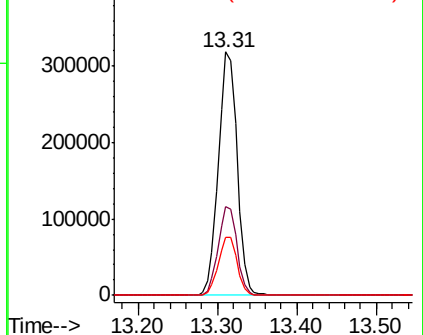
#45
 2-Fluorobiphenyl
 Concen: 96.121 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038725.D
 Acq: 19 Dec 2018 12:25

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-121118

Tot Ion:172 Resp: 524723
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 24.0 19.5 29.3

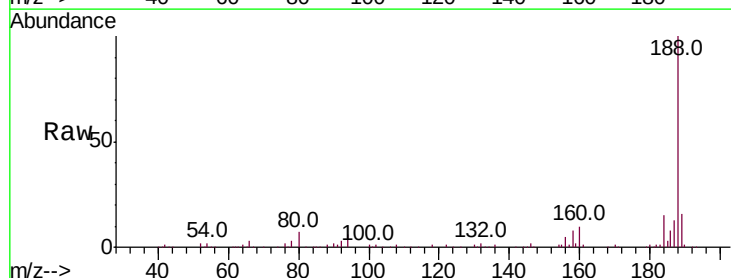


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

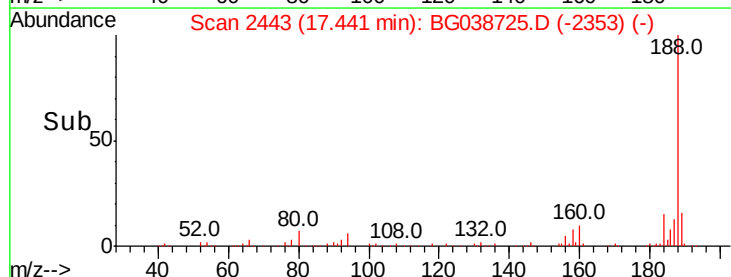
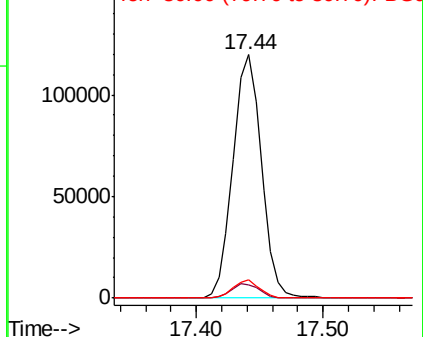


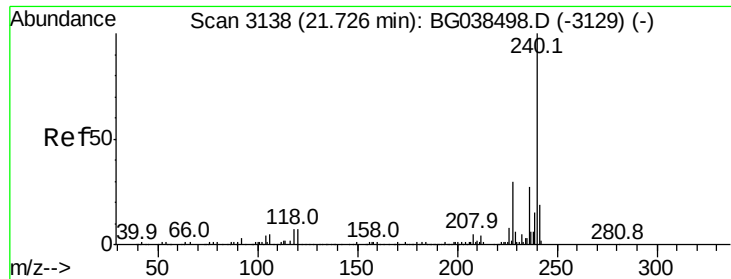
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038725.D
 Acq: 19 Dec 2018 12:25

Tgt Ion:188 Resp: 186396
 Ion Ratio Lower Upper
 188 100
 94 5.7 5.1 7.7
 80 7.4 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

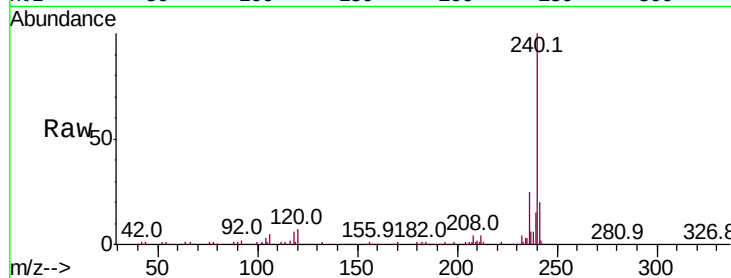




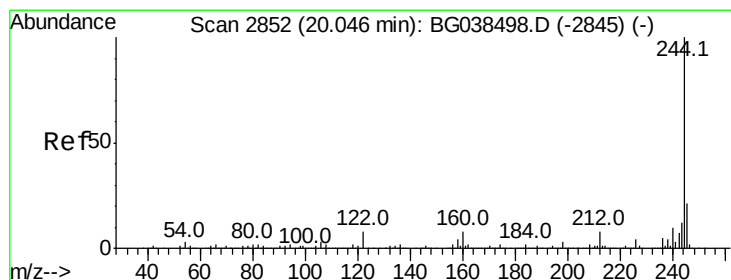
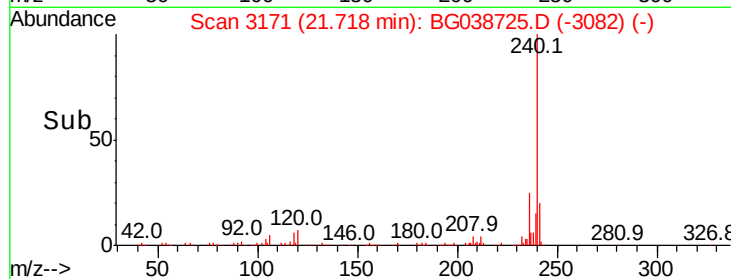
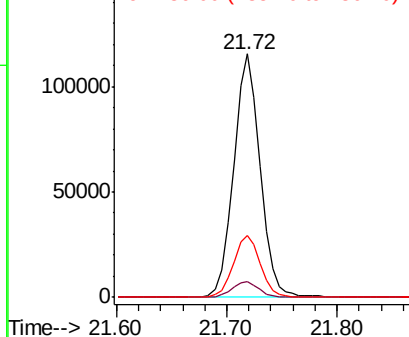
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038725.D
 Acq: 19 Dec 2018 12:25

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-121118

Tot Ion:240 Resp: 193480
 Ion Ratio Lower Upper
 240 100
 120 6.7 5.3 7.9
 236 25.2 21.4 32.2

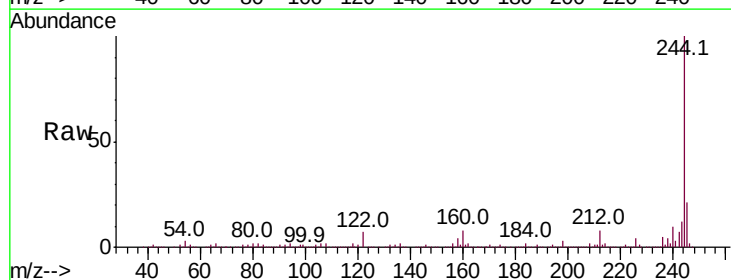


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

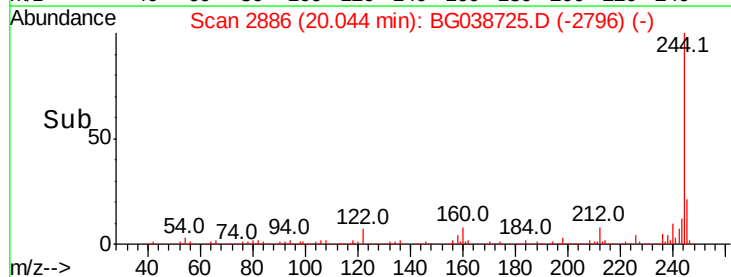
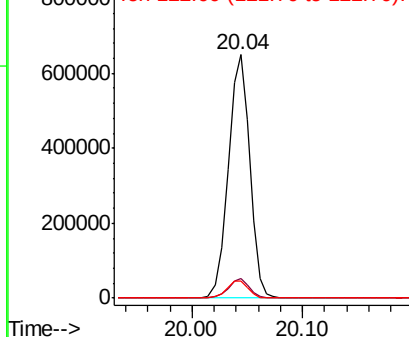


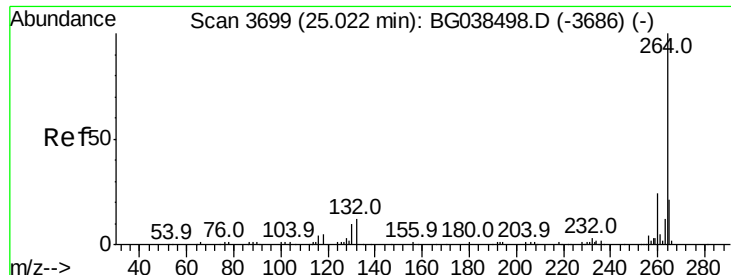
#79
 Terphenyl-d14
 Concen: 99.045 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG038725.D
 Acq: 19 Dec 2018 12:25

Tgt Ion:244 Resp: 880527
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.0 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG038725.D
 Acq: 19 Dec 2018 12:25

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-09-121118

Tot Ion:264 Resp: 203212
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.9 28.3
 265 21.7 17.0 25.4

