

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038693.D
 Acq On : 18 Dec 2018 14:03
 Operator : JU/SJ
 Sample : J6398-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218

Quant Time: Dec 19 07:13:05 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	25218	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	102950	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	72836	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	187787	20.00	ng	0.00
76) Chrysene-d12	21.72	240	191208	20.00	ng	0.00
87) Perylene-d12	25.02	264	204083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	93445	65.72	ng	0.00
7) Phenol-d6	7.21	99	79477	40.72	ng	0.00
23) Nitrobenzene-d5	9.24	82	192071	95.31	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	151830	151.25	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	484373	91.23	ng	0.00
79) Terphenyl-d14	20.05	244	927208	105.53	ng	0.00

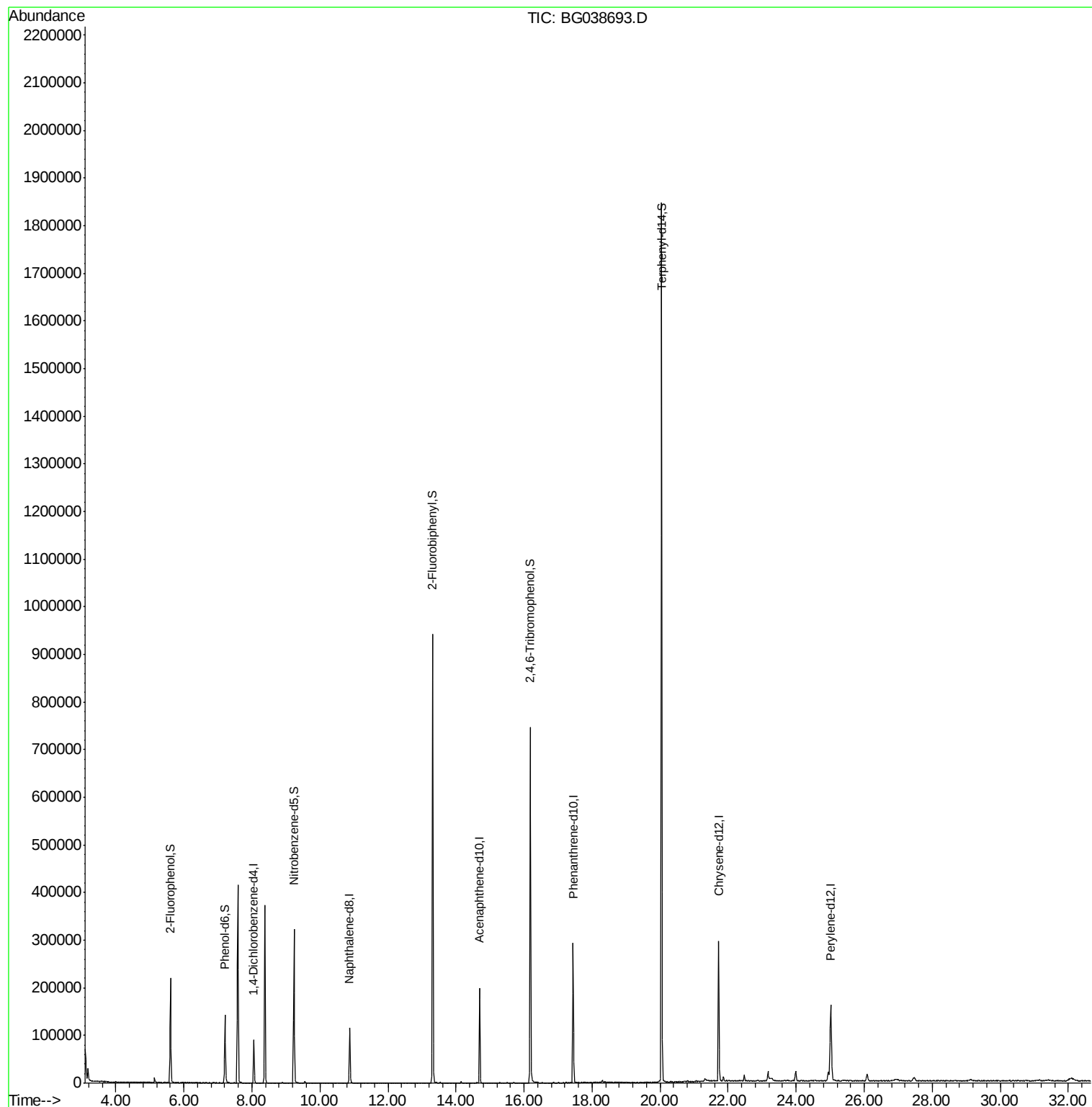
Target Compounds Qvalue

(#) = 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# 846

Delta R.T. 0.00 min

Lab File: BG038693.D

Acq: 18 Dec 2018 14:03

Instrument :

BNA_G

ClientSampleId :

PR-MW-04_121218

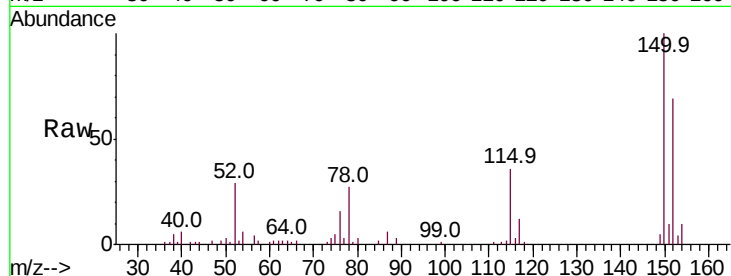
Tot Ion:152 Resp: 25218

Ion Ratio Lower Upper

152 100

150 145.5 119.5 179.3

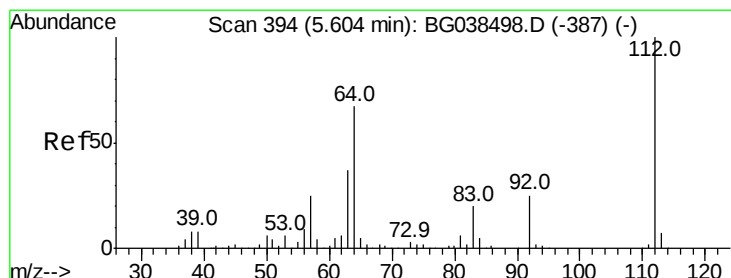
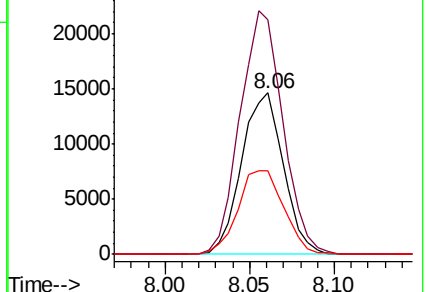
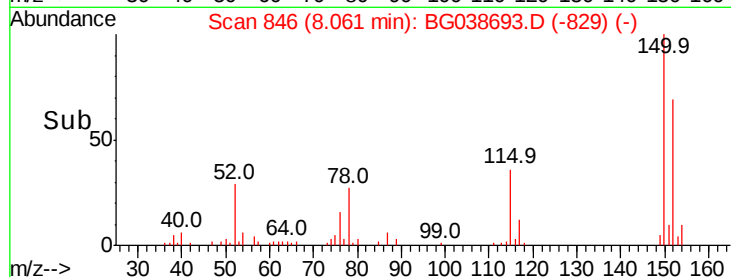
115 51.9 49.6 74.4



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: 65.722 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038693.D

Acq: 18 Dec 2018 14:03

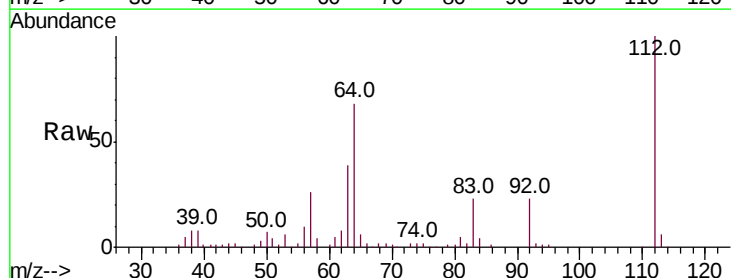
Tgt Ion:112 Resp: 93445

Ion Ratio Lower Upper

112 100

64 68.5 53.4 80.2

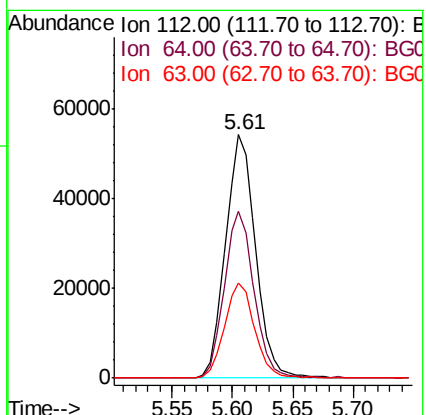
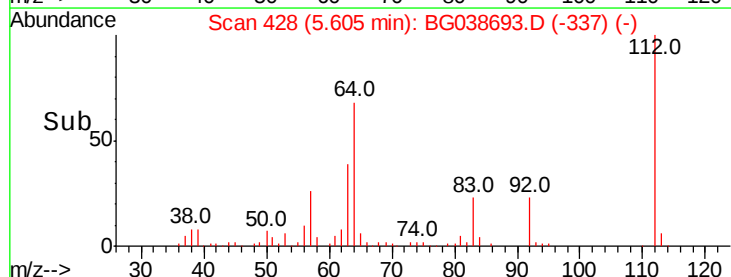
63 39.2 29.3 43.9



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: 40.718 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038693.D

Acq: 18 Dec 2018 14:03

Instrument :

BNA_G

ClientSampleId :

PR-MW-04_121218

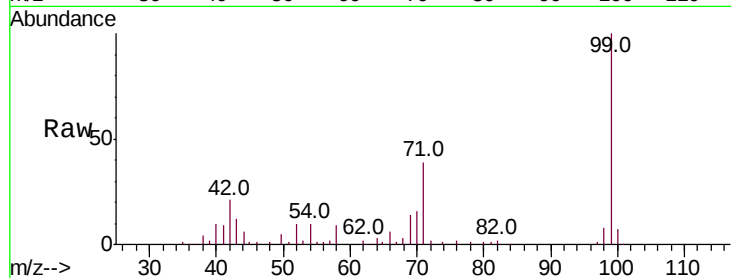
Tot Ion: 99 Resp: 79477

Ion Ratio Lower Upper

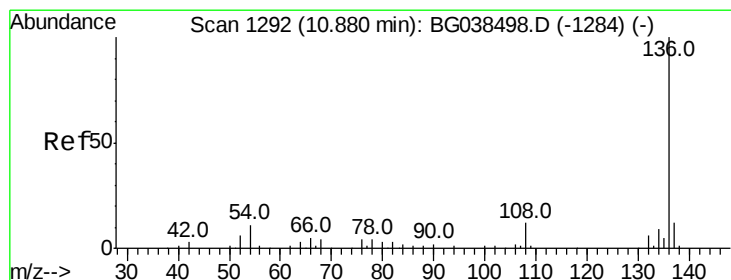
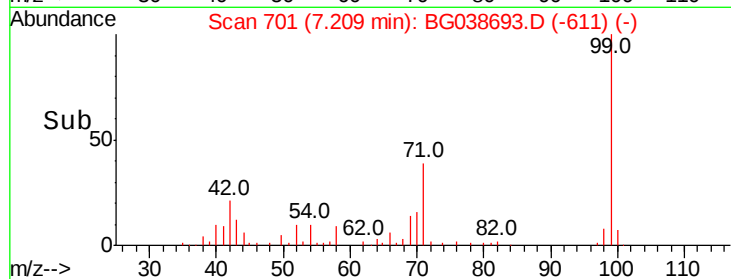
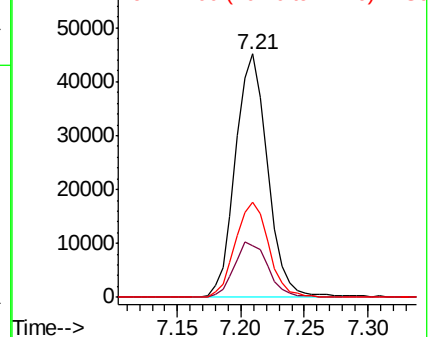
99 100

42 21.3 18.5 27.7

71 39.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038693.D

Acq: 18 Dec 2018 14:03

Tgt Ion: 136 Resp: 102950

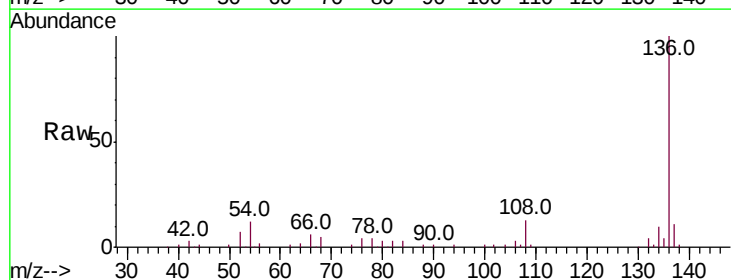
Ion Ratio Lower Upper

136 100

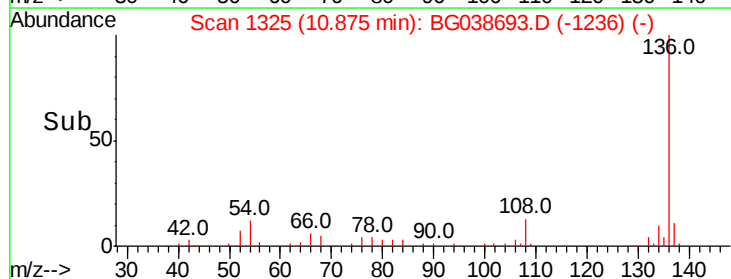
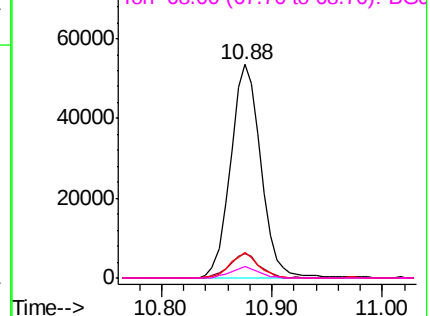
137 11.1 9.3 13.9

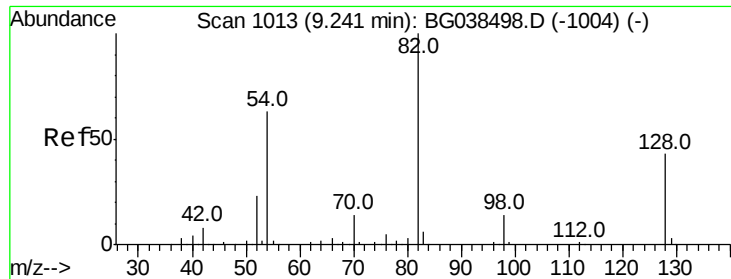
54 12.3 8.5 12.7

68 5.4 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

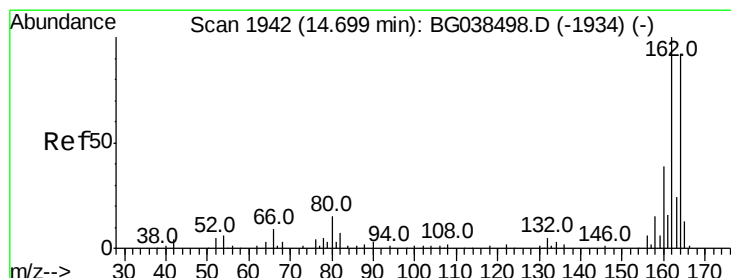
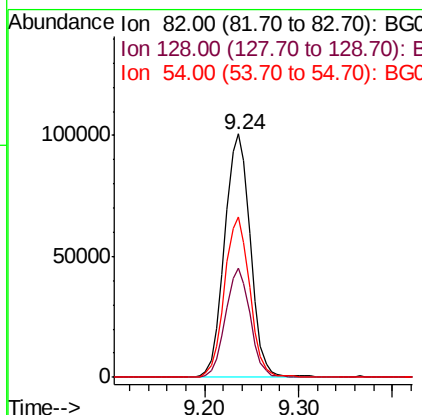
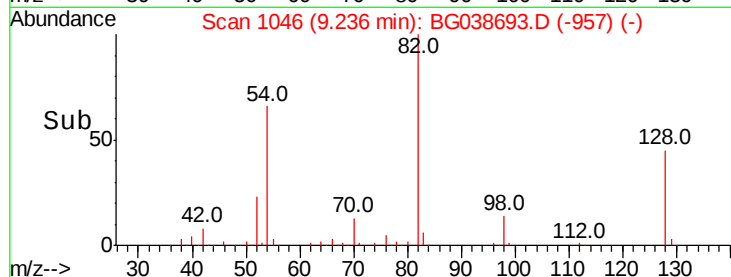
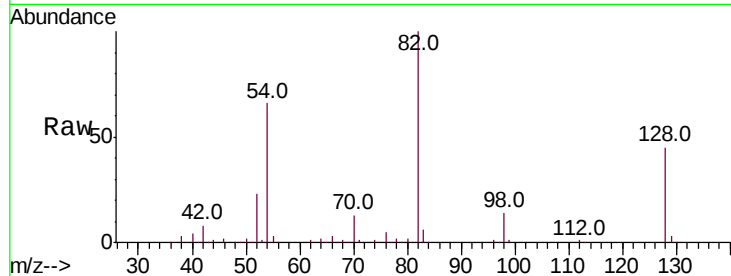




#23
 Nitrobenzene-d5
 Concen: 95.312 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038693.D
 Acq: 18 Dec 2018 14:03

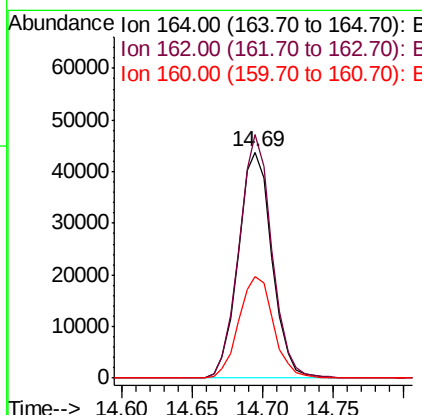
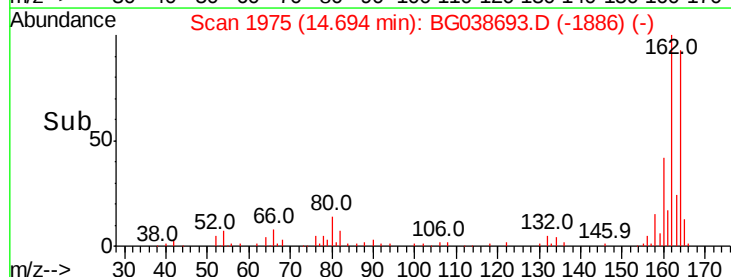
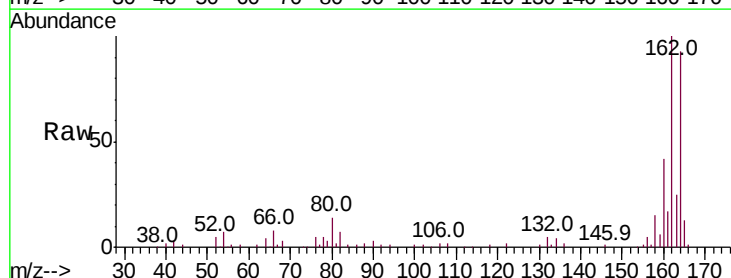
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218

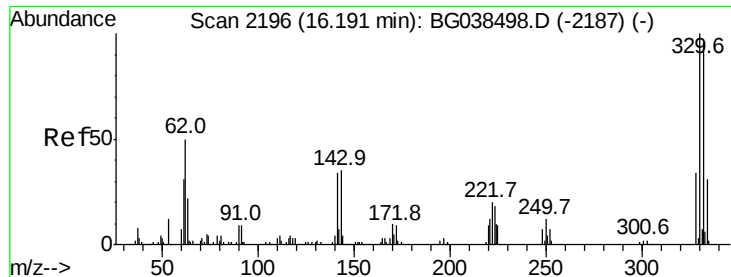
Tot Ion: 82 Resp: 192071
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.6 52.0
 54 66.0 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038693.D
 Acq: 18 Dec 2018 14:03

Tgt Ion:164 Resp: 72836
 Ion Ratio Lower Upper
 164 100
 162 107.8 86.6 130.0
 160 45.2 34.2 51.2

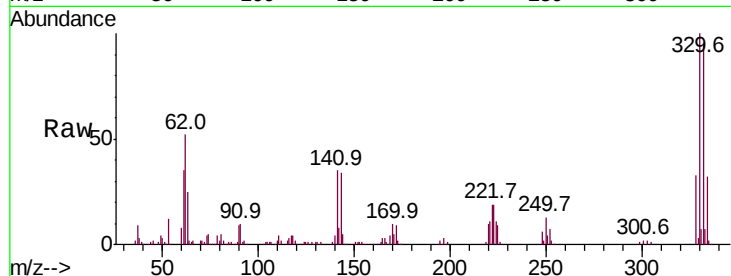




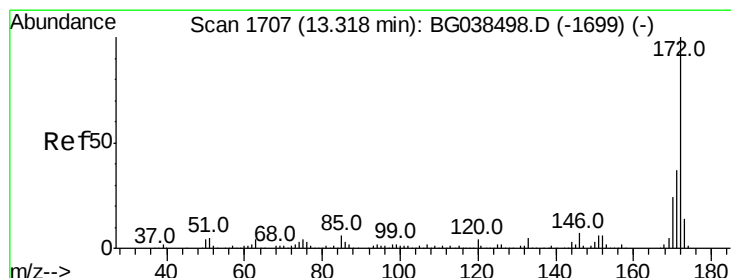
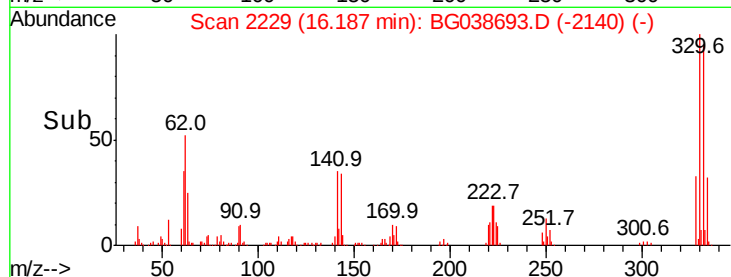
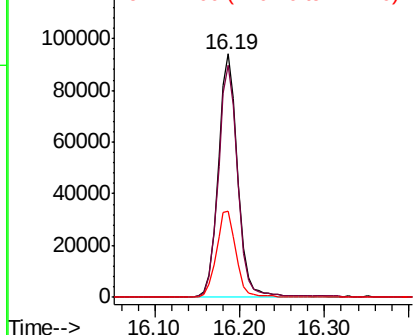
#42
 2,4,6-Tribromophenol
 Concen: 151.254 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038693.D
 Acq: 18 Dec 2018 14:03

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04_121218

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	36.2	28.8	43.2

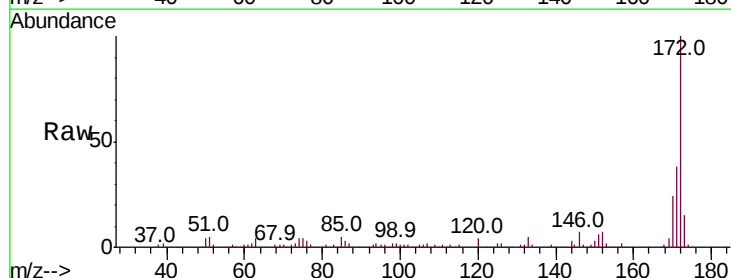


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

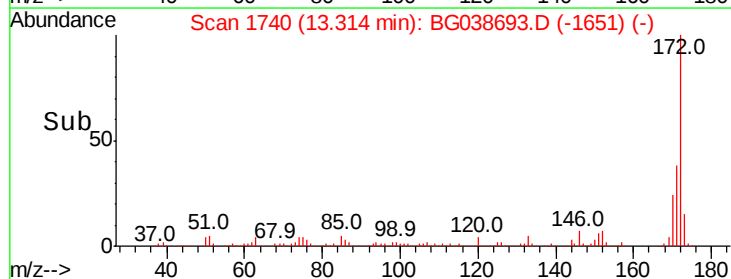
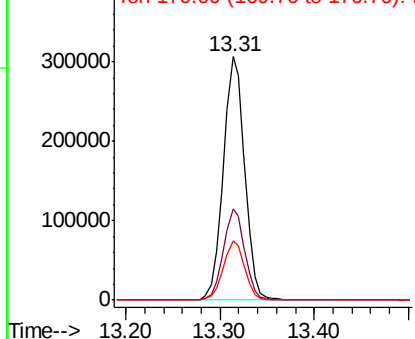


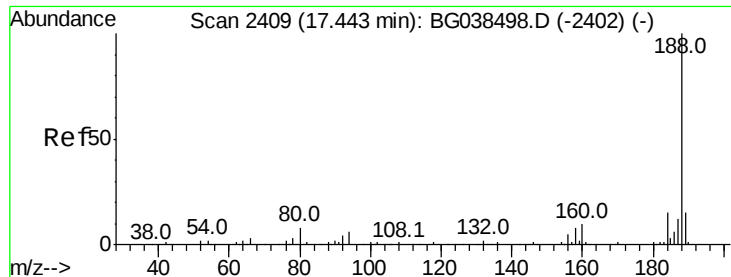
#45
 2-Fluorobiphenyl
 Concen: 91.230 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038693.D
 Acq: 18 Dec 2018 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	24.4	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

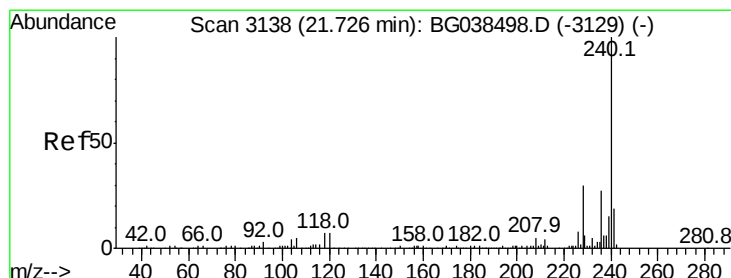
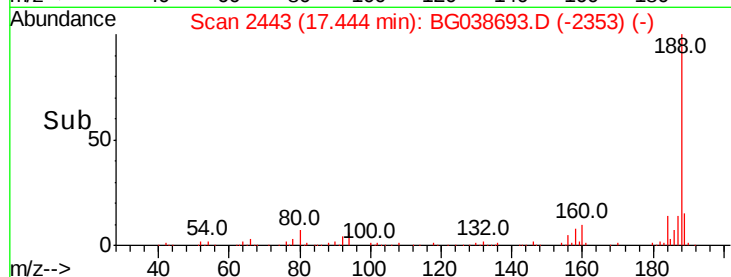
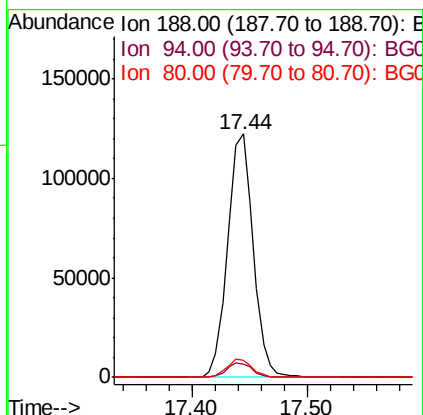
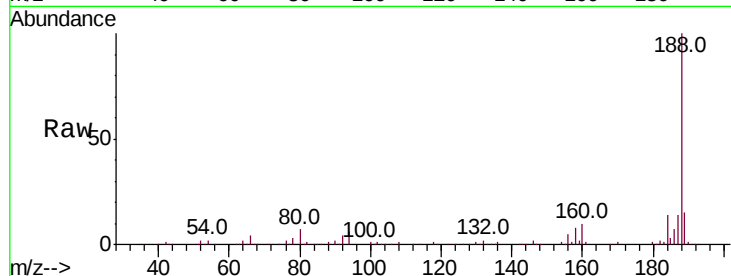




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038693.D
Acq: 18 Dec 2018 14:03

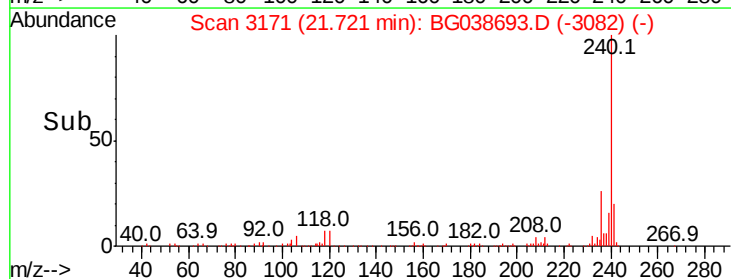
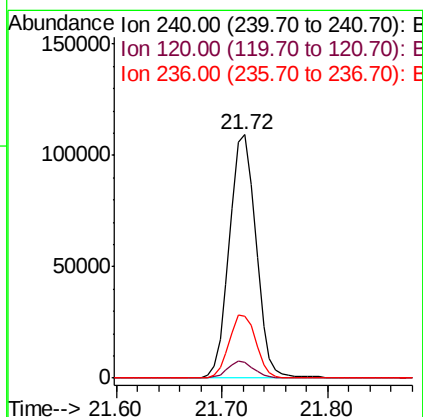
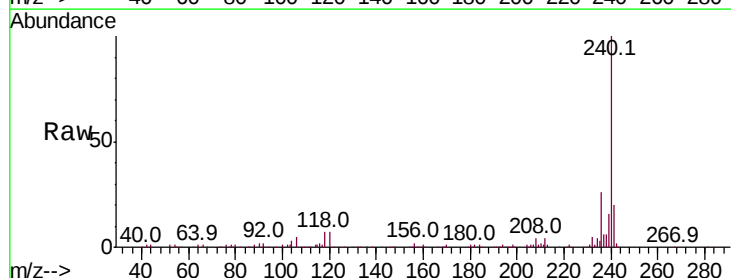
Instrument :
BNA_G
ClientSampleId :
PR-MW-04_121218

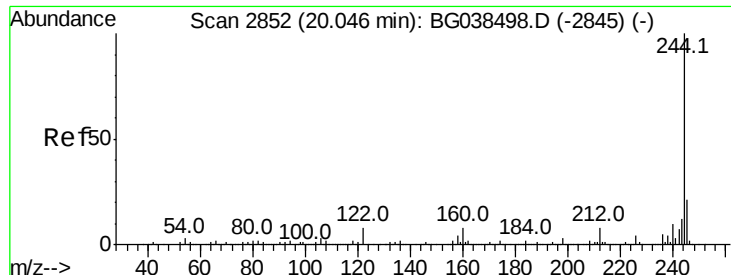
Tot Ion:188 Resp: 187787
Ion Ratio Lower Upper
188 100
94 5.7 5.1 7.7
80 6.8 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038693.D
Acq: 18 Dec 2018 14:03

Tgt Ion:240 Resp: 191208
Ion Ratio Lower Upper
240 100
120 6.6 5.3 7.9
236 25.5 21.4 32.2





#79

Terphenyl-d14

Concen: 105.535 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038693.D

Acq: 18 Dec 2018 14:03

Instrument :

BNA_G

ClientSampleId :

PR-MW-04_121218

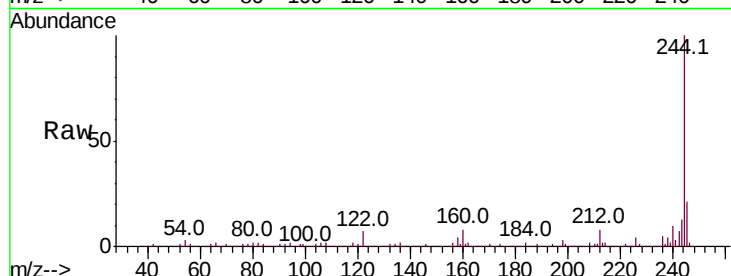
Tot Ion:244 Resp: 927208

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

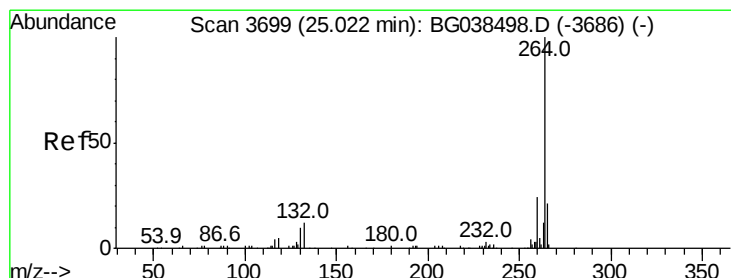
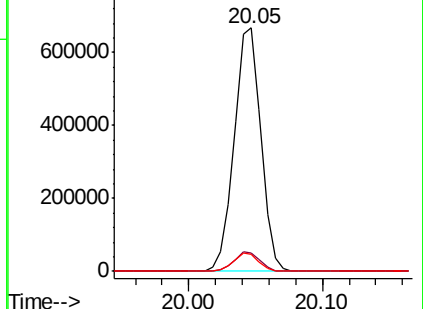
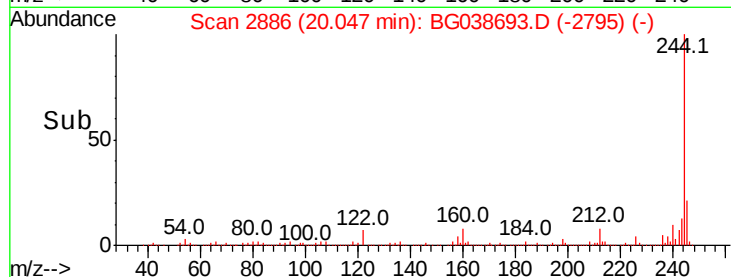
122 7.2 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038693.D

Acq: 18 Dec 2018 14:03

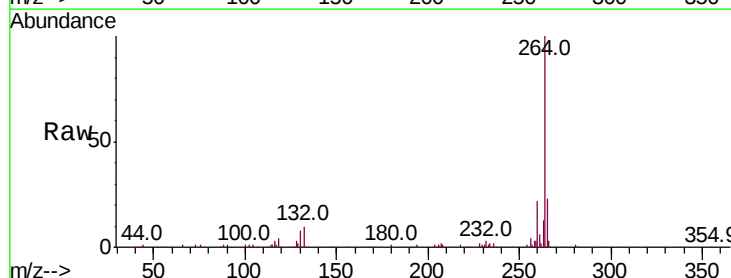
Tgt Ion:264 Resp: 204083

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

265 22.7 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

