

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038688.D
 Acq On : 18 Dec 2018 8:11
 Operator : JU/SJ
 Sample : J6403-36
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-A

Quant Time: Dec 18 11:04:52 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	24572	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	95552	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62889	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	164429	20.00	ng	0.00
76) Chrysene-d12	21.72	240	171101	20.00	ng	0.00
87) Perylene-d12	25.02	264	184237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	184205	132.96	ng	0.00
7) Phenol-d6	7.21	99	219281	115.30	ng	0.00
23) Nitrobenzene-d5	9.24	82	181900	97.25	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	129493	149.41	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	425963	92.92	ng	0.00
79) Terphenyl-d14	20.05	244	849699	108.08	ng	0.00

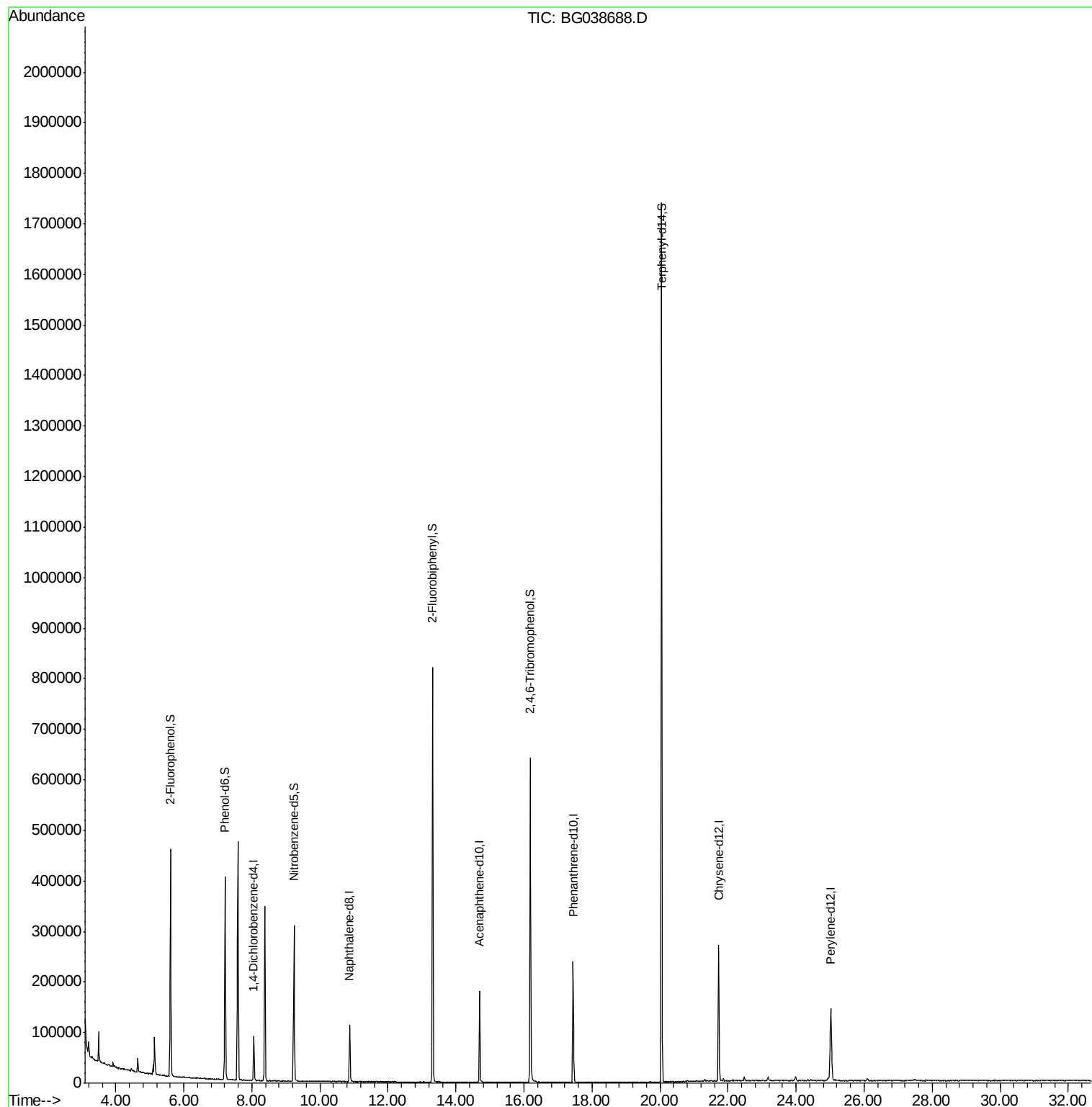
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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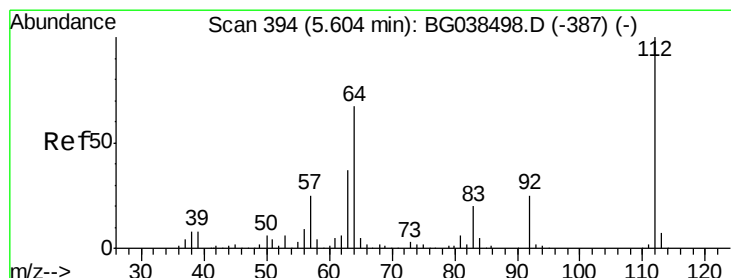
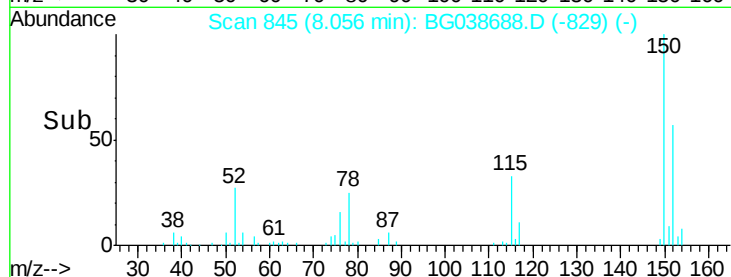
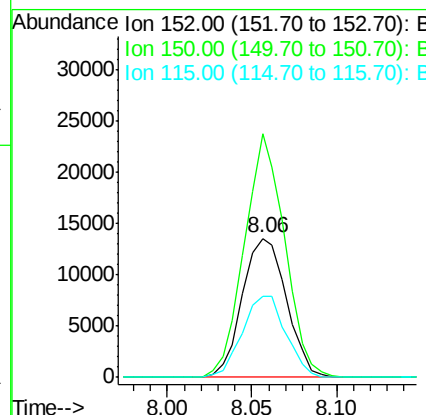
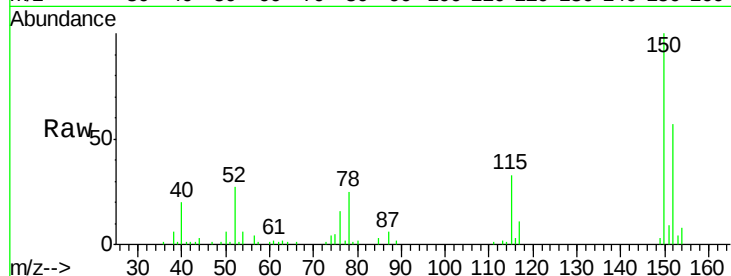




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038688.D
 Acq: 18 Dec 2018 8:11

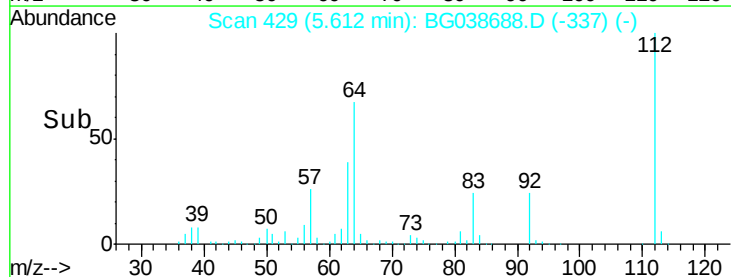
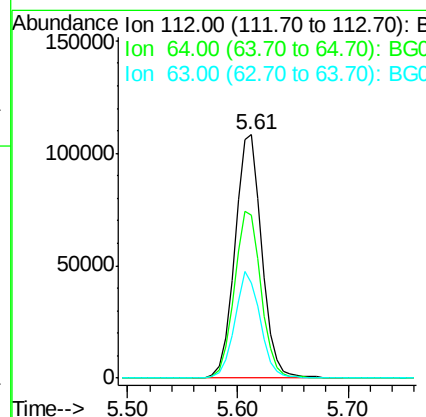
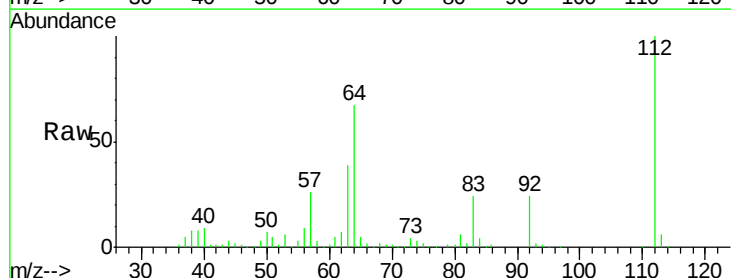
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-A

Tgt Ion:152 Resp: 24572
 Ion Ratio Lower Upper
 152 100
 150 175.4 119.5 179.3
 115 58.7 49.6 74.4



#5
 2-Fluorophenol
 Concen: 132.963 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038688.D
 Acq: 18 Dec 2018 8:11

Tgt Ion:112 Resp: 184205
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.4 80.2
 63 39.1 29.3 43.9





#7

Phenol-d6

Concen: 115.297 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038688.D

Acq: 18 Dec 2018 8:11

Instrument :

BNA_G

ClientSampleId :

TP-5-A

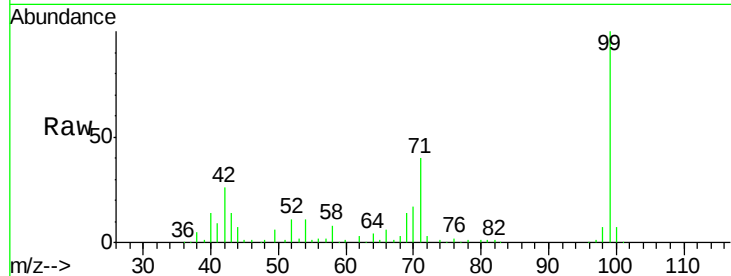
Tgt Ion: 99 Resp: 219281

Ion Ratio Lower Upper

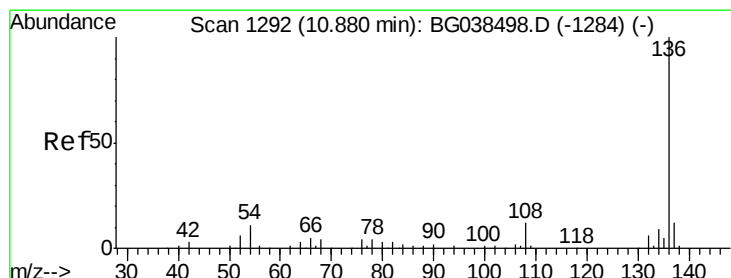
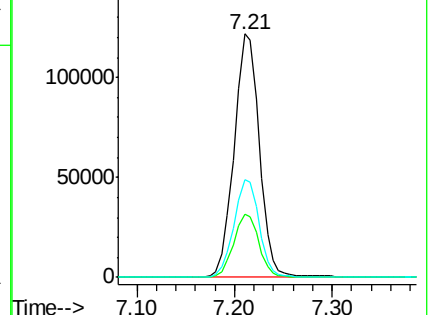
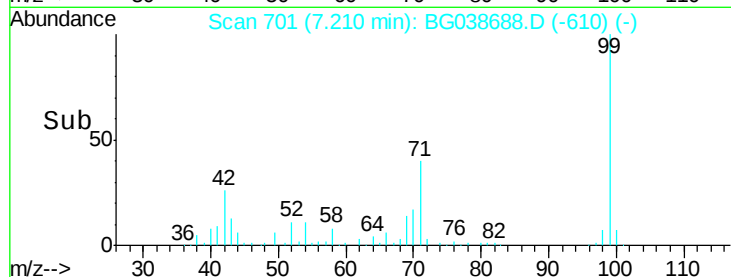
99 100

42 26.1 18.5 27.7

71 40.0 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: BG038688.D

Acq: 18 Dec 2018 8:11

Tgt Ion: 136 Resp: 95552

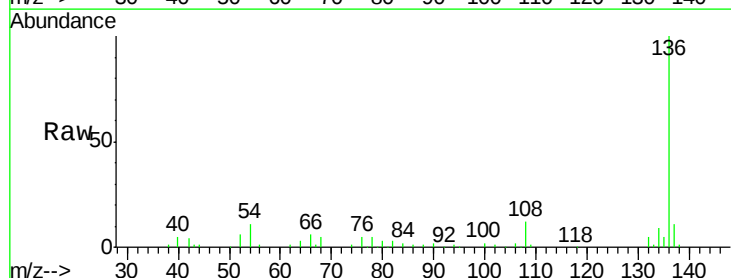
Ion Ratio Lower Upper

136 100

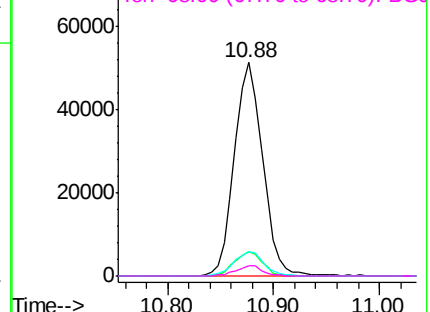
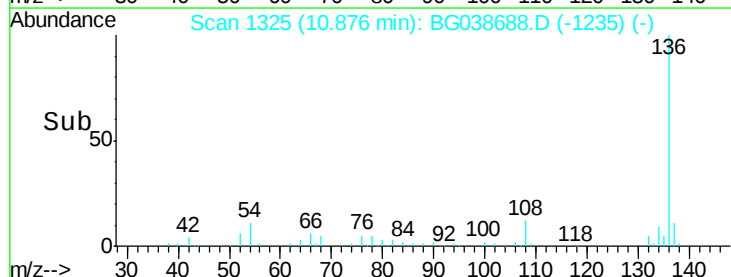
137 11.3 9.3 13.9

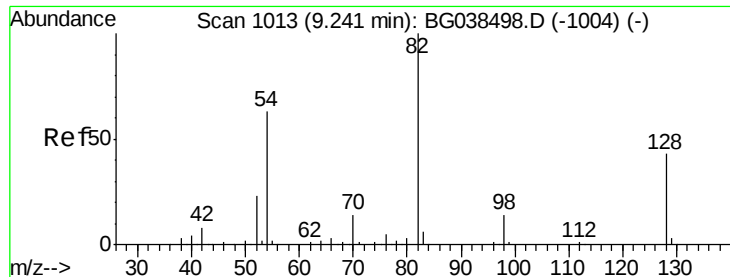
54 11.4 8.5 12.7

68 4.6 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

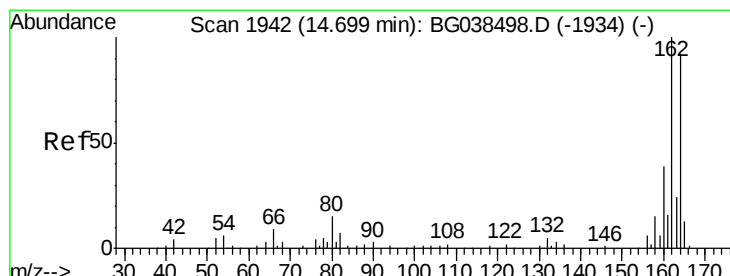
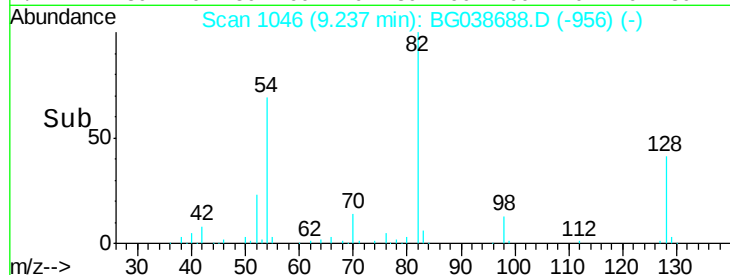
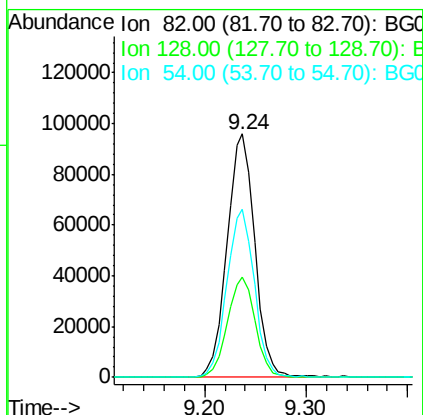
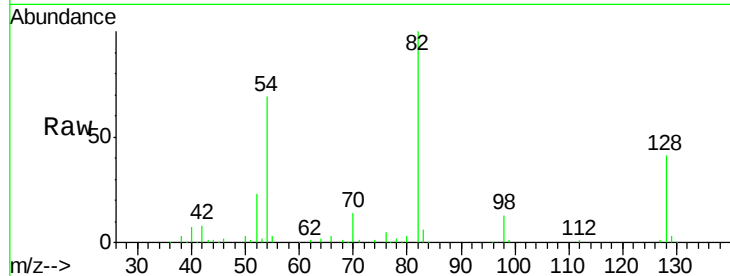




#23
 Nitrobenzene-d5
 Concen: 97.253 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038688.D
 Acq: 18 Dec 2018 8:11

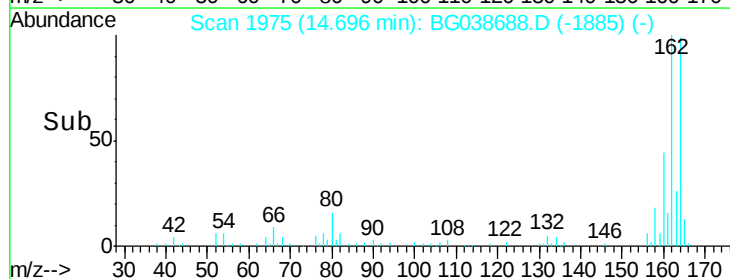
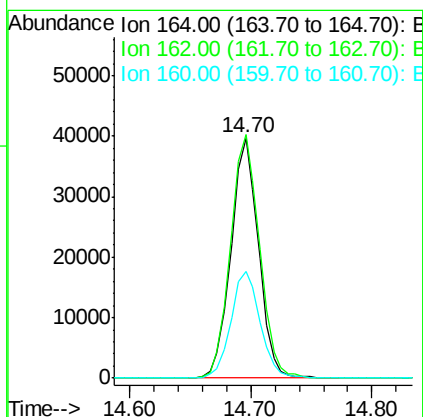
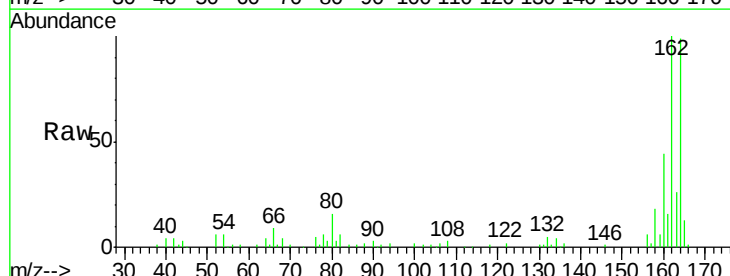
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-A

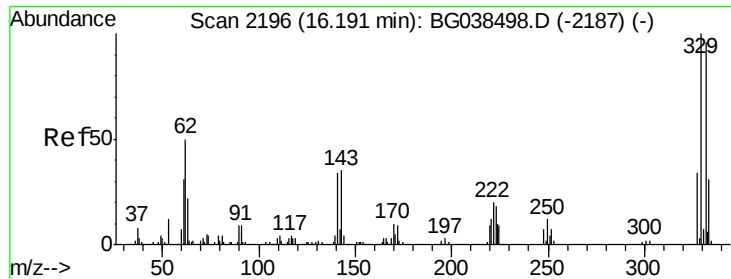
Tgt Ion: 82 Resp: 181900
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.6 52.0
 54 69.2 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038688.D
 Acq: 18 Dec 2018 8:11

Tgt Ion: 164 Resp: 62889
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.6 130.0
 160 44.3 34.2 51.2

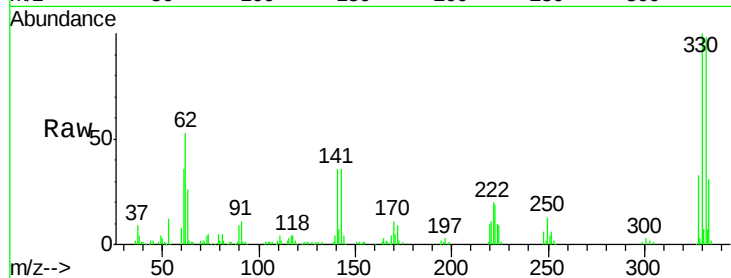




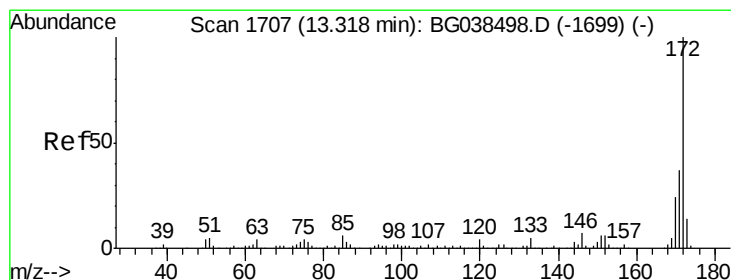
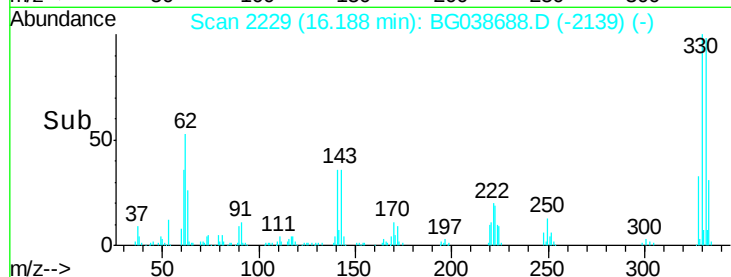
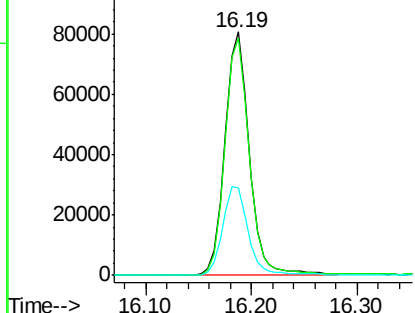
#42
 2,4,6-Tribromophenol
 Concen: 149.405 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038688.D
 Acq: 18 Dec 2018 8:11

Instrument :
 BNA_G
 ClientSampled :
 TP-5-A

Tgt Ion:330 Resp: 129493
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 38.3 28.8 43.2

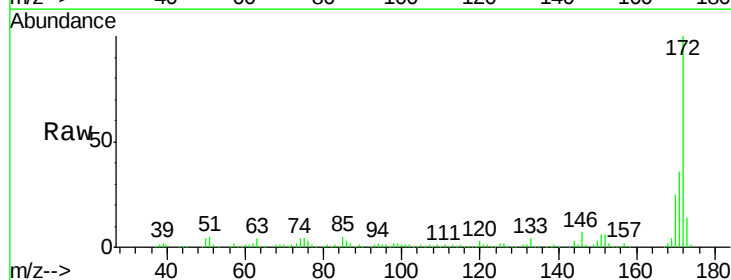


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

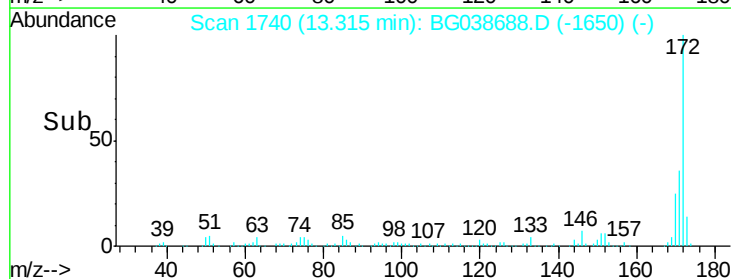
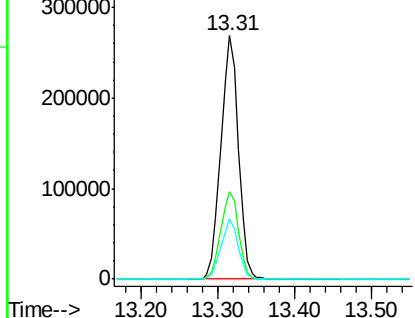


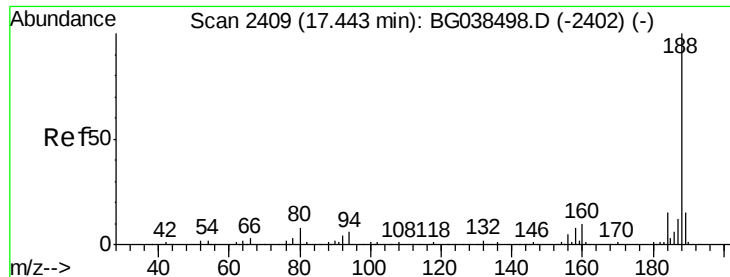
#45
 2-Fluorobiphenyl
 Concen: 92.919 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038688.D
 Acq: 18 Dec 2018 8:11

Tgt Ion:172 Resp: 425963
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.8 44.6
 170 24.8 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: 17.45 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038688.D

Acq: 18 Dec 2018 8:11

Instrument :

BNA_G

ClientSampleId :

TP-5-A

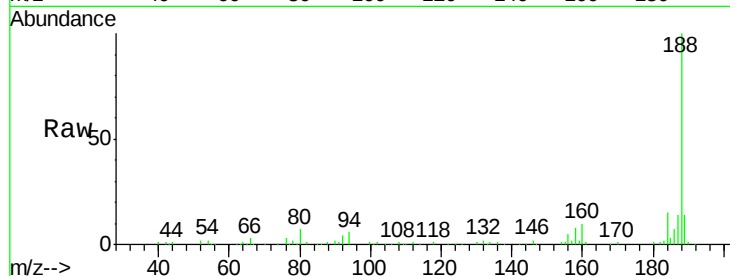
Tgt Ion:188 Resp: 164429

Ion Ratio Lower Upper

188 100

94 6.0 5.1 7.7

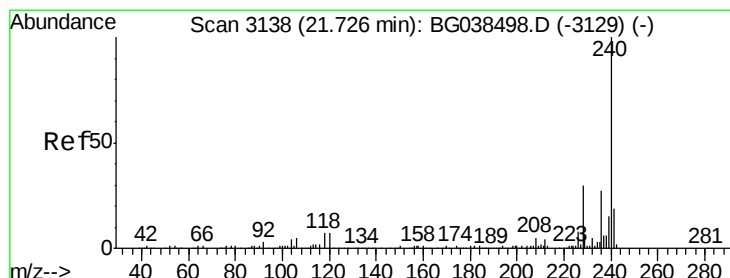
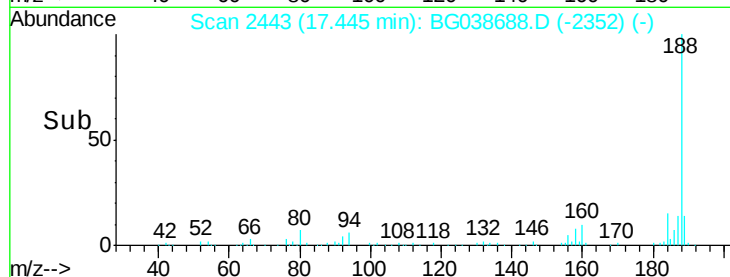
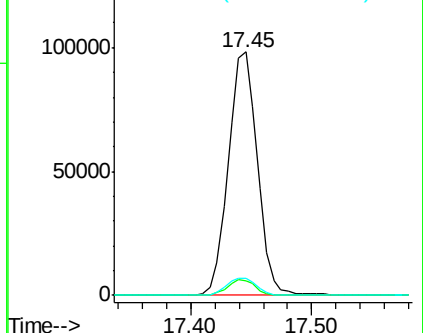
80 7.0 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038688.D

Acq: 18 Dec 2018 8:11

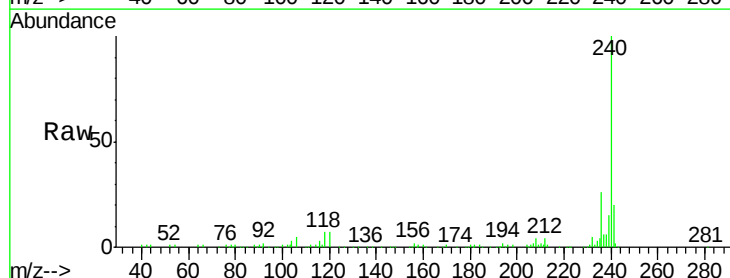
Tgt Ion:240 Resp: 171101

Ion Ratio Lower Upper

240 100

120 6.6 5.3 7.9

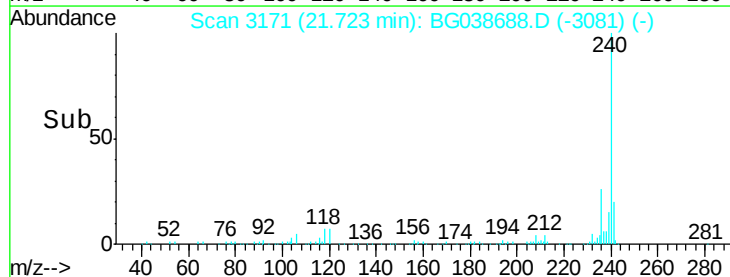
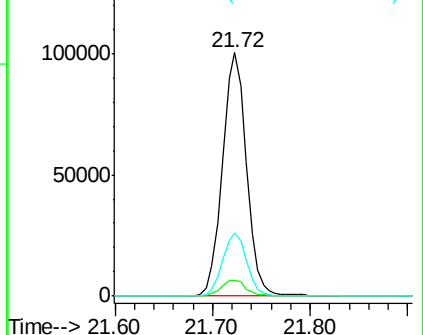
236 25.9 21.4 32.2

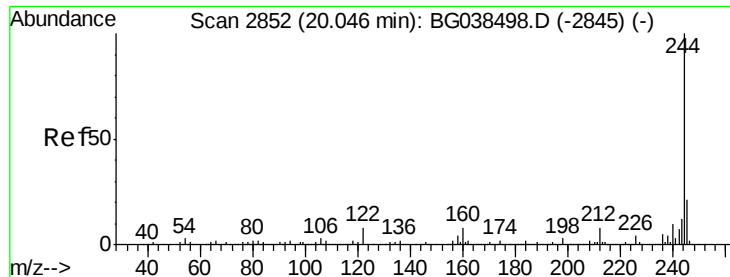


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.078 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038688.D

Acq: 18 Dec 2018 8:11

Instrument :

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ClientSampleId :

TP-5-A

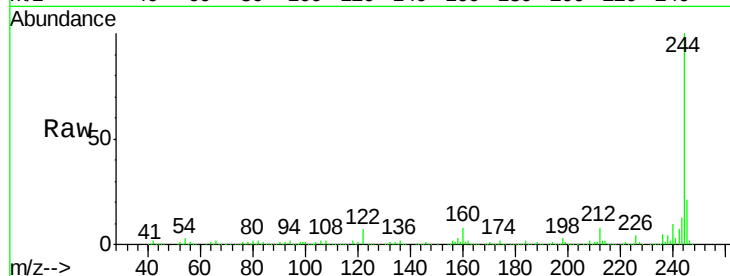
Tgt Ion:244 Resp: 849699

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

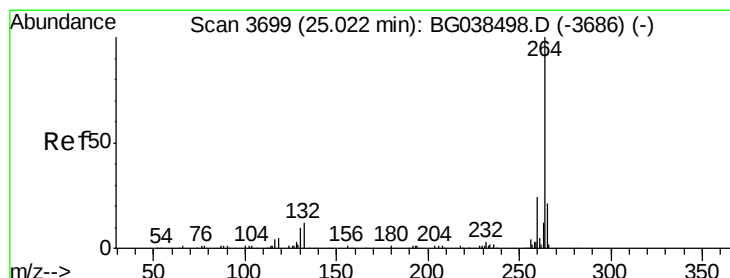
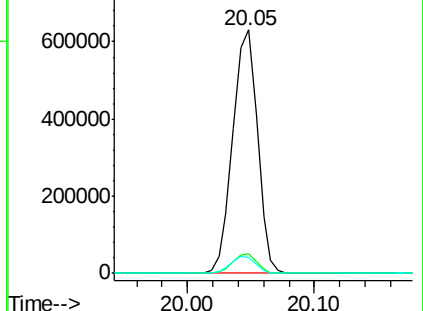
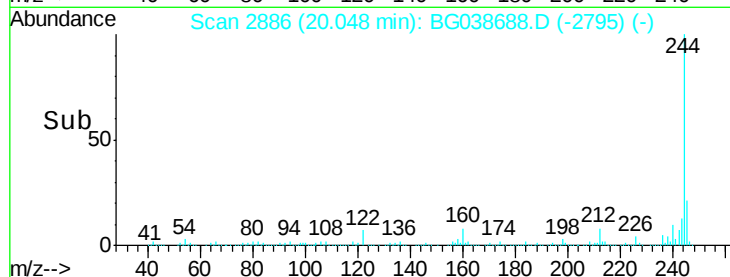
122 6.7 6.3 9.5



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: BG038688.D

Acq: 18 Dec 2018 8:11

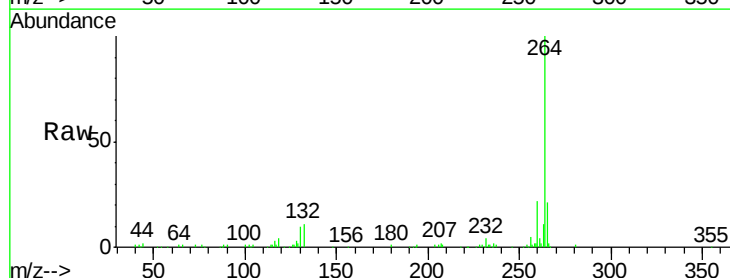
Tgt Ion:264 Resp: 184237

Ion Ratio Lower Upper

264 100

260 21.9 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

