

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038685.D
 Acq On : 18 Dec 2018 6:13
 Operator : JU/SJ
 Sample : J6403-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-B

Quant Time: Dec 18 07:42:49 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

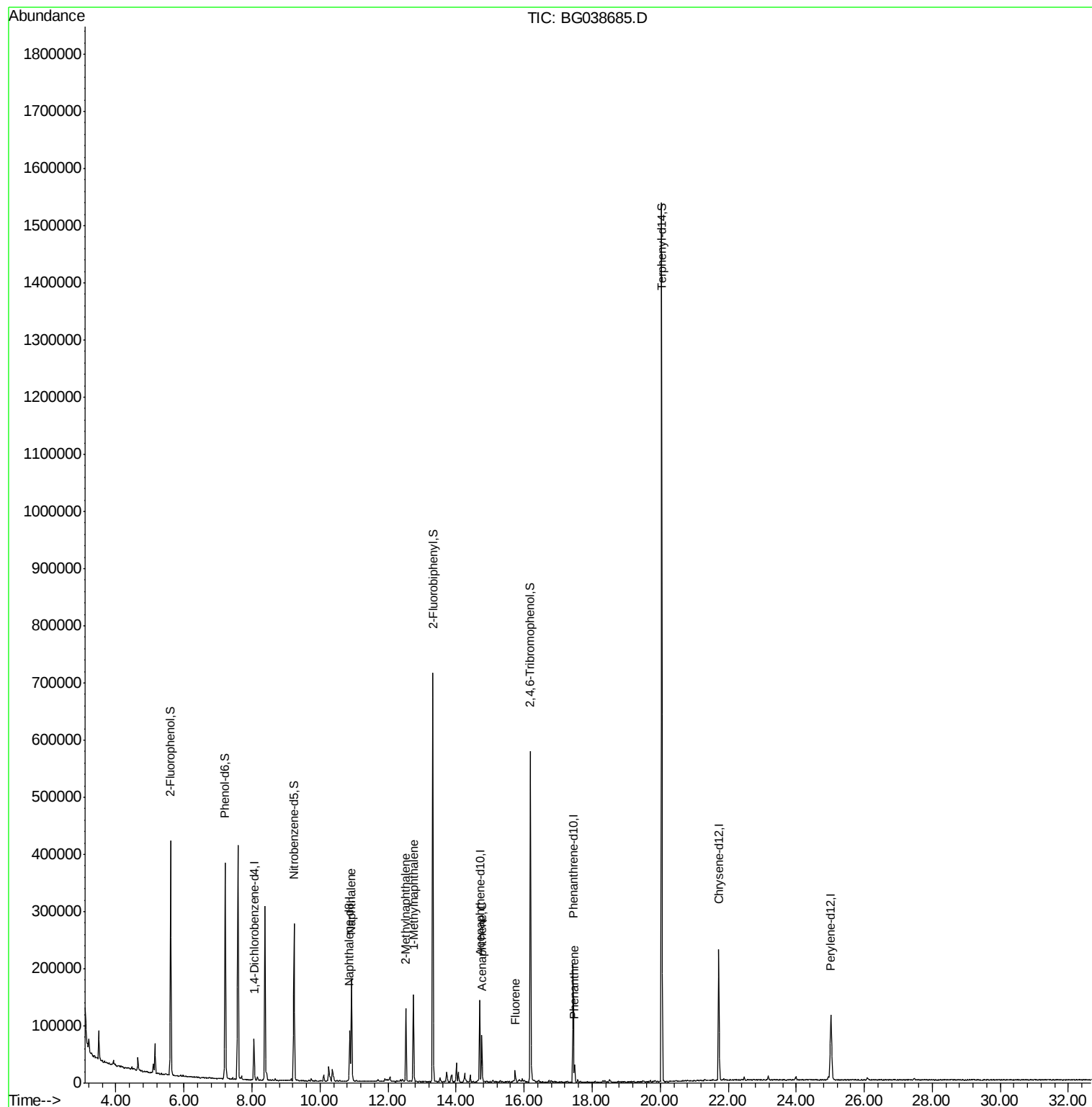
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20119	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	77921	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	51386	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	134573	20.00	ng	0.00
76) Chrysene-d12	21.72	240	145476	20.00	ng	0.00
87) Perylene-d12	25.02	264	151618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	166574	146.85	ng	0.00
7) Phenol-d6	7.21	99	204749	131.48	ng	0.00
23) Nitrobenzene-d5	9.23	82	156046	102.31	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	116707	164.80	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	370664	98.96	ng	0.00
79) Terphenyl-d14	20.04	244	755473	113.02	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.93	128	150705	39.254	ng	99
37) 2-Methylnaphthalene	12.52	142	62017	22.643	ng	97
38) 1-Methylnaphthalene	12.75	142	71445	26.881	ng	99
52) Acenaphthene	14.76	154	31539	10.603	ng	99
58) Fluorene	15.74	166	11203	2.966	ng	87
71) Phenanthrene	17.48	178	21579	3.092	ng	98

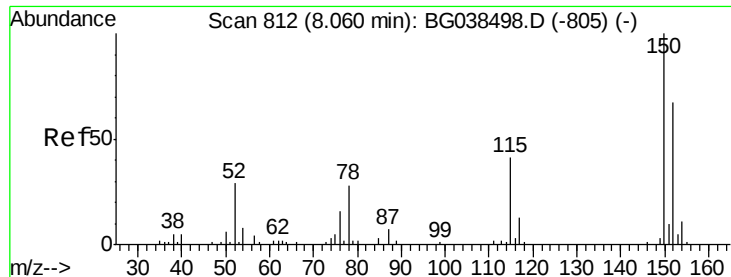
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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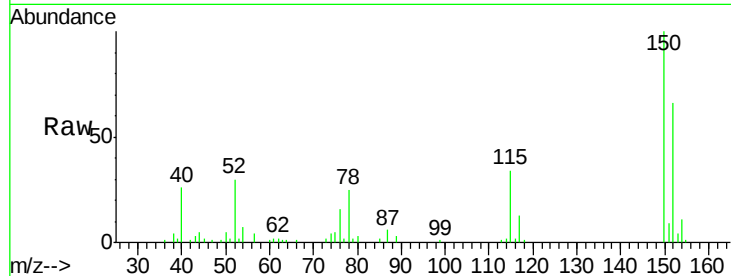


#1

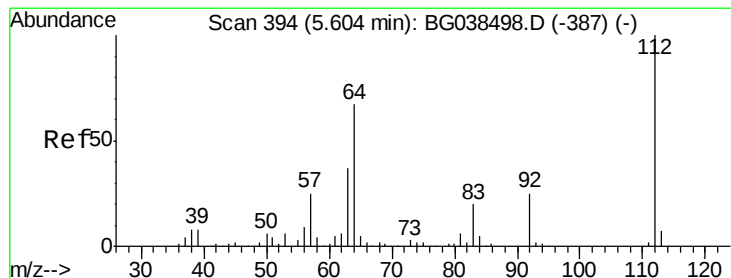
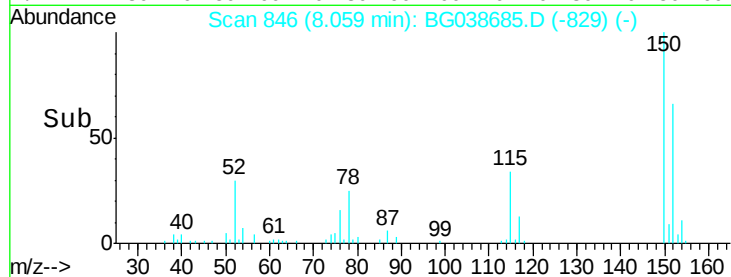
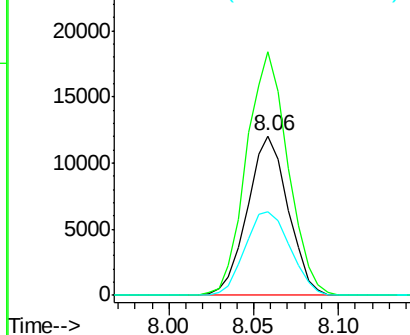
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038685.D
Acq: 18 Dec 2018 6:13

Instrument :
BNA_G
ClientSampled :
TP-3-B

Tgt Ion:152 Resp: 20119
Ion Ratio Lower Upper
152 100
150 152.5 119.5 179.3
115 52.1 49.6 74.4



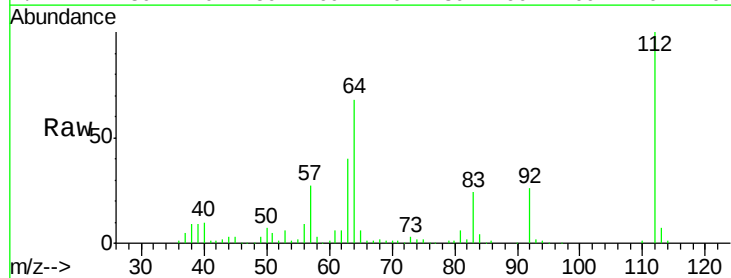
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



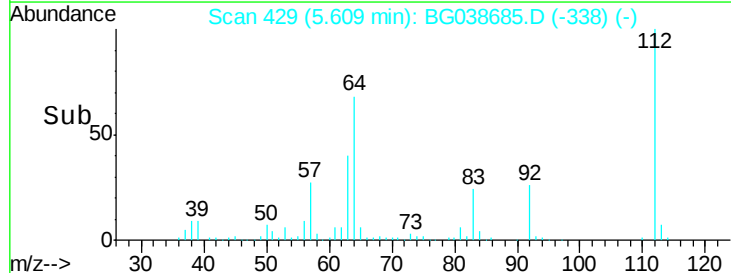
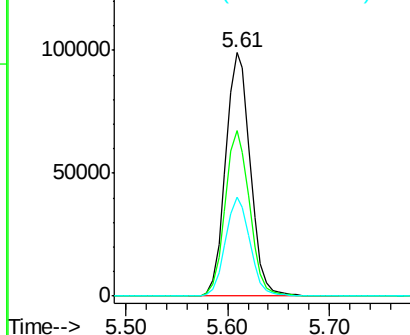
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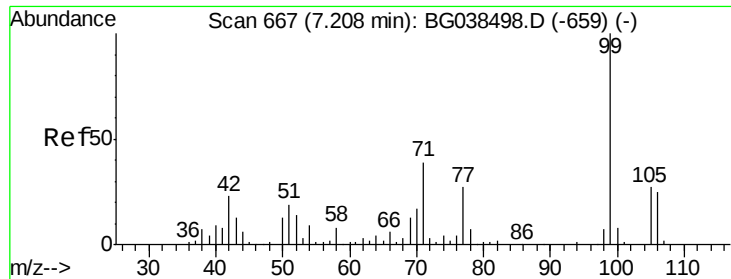
2-Fluorophenol
Concen: 146.848 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038685.D
Acq: 18 Dec 2018 6:13

Tgt Ion:112 Resp: 166574
Ion Ratio Lower Upper
112 100
64 68.1 53.4 80.2
63 40.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.484 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

Instrument :

BNA_G

ClientSampleId :

TP-3-B

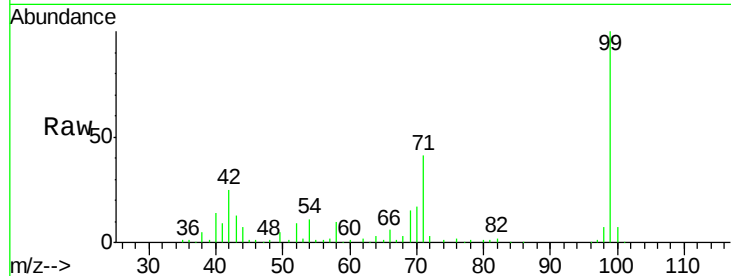
Tgt Ion: 99 Resp: 204749

Ion Ratio Lower Upper

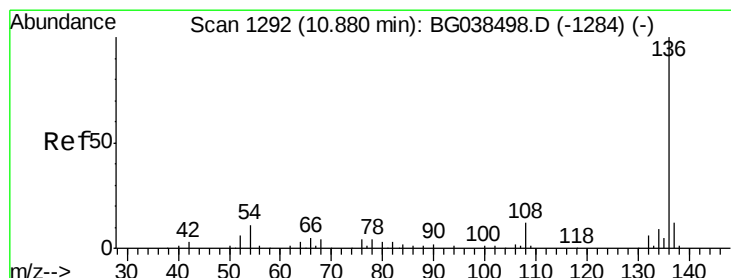
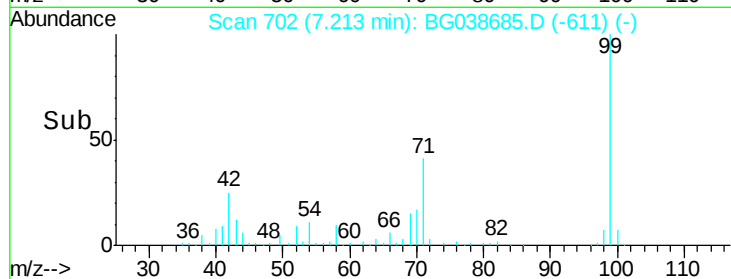
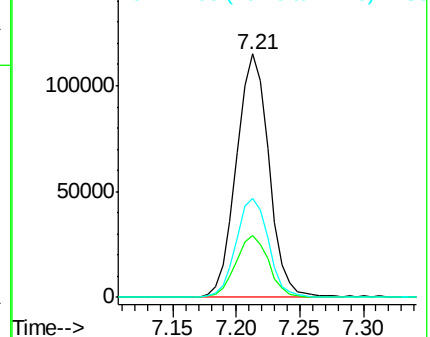
99 100

42 25.4 18.5 27.7

71 40.7 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# 1325

Delta R.T. -0.01 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

Tgt Ion: 136 Resp: 77921

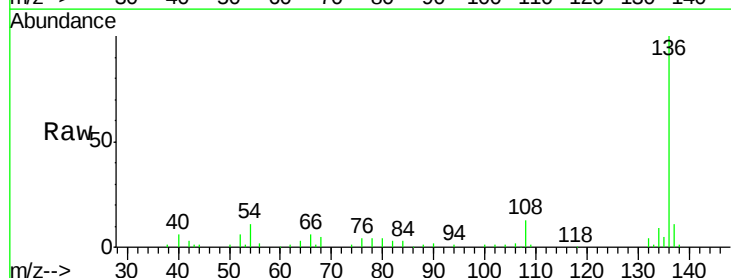
Ion Ratio Lower Upper

136 100

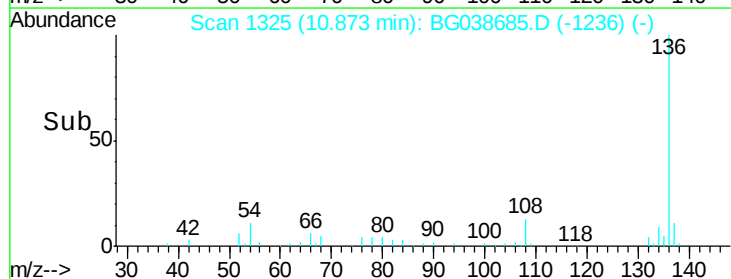
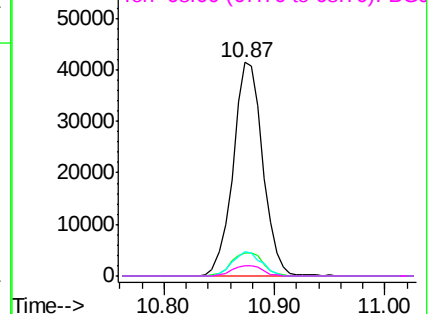
137 11.0 9.3 13.9

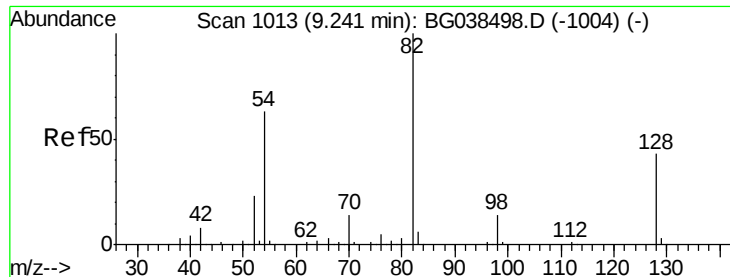
54 11.3 8.5 12.7

68 4.8 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

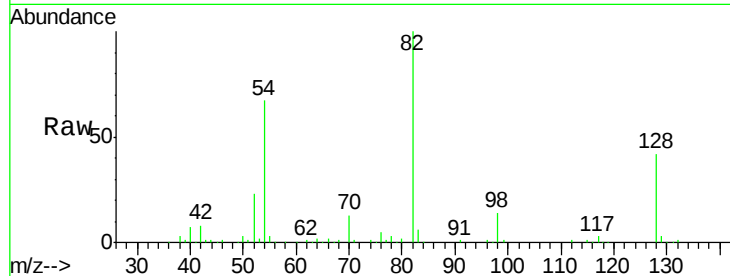




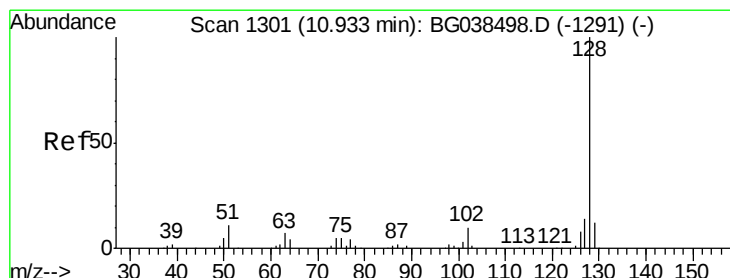
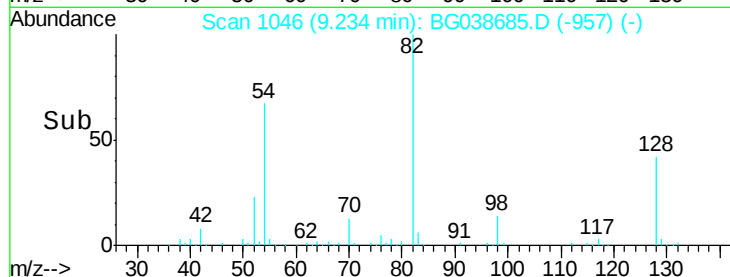
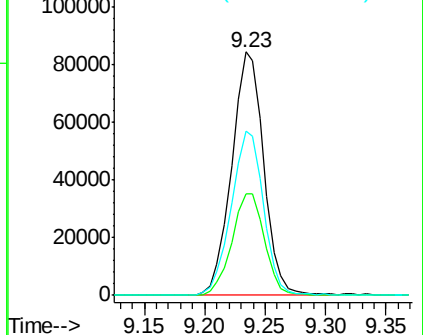
#23
Nitrobenzene-d5
Concen: 102.308 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038685.D
Acq: 18 Dec 2018 6:13

Instrument :
BNA_G
ClientSampleId :
TP-3-B

Tgt Ion: 82 Resp: 156046
Ion Ratio Lower Upper
82 100
128 41.9 34.6 52.0
54 67.3 50.6 76.0

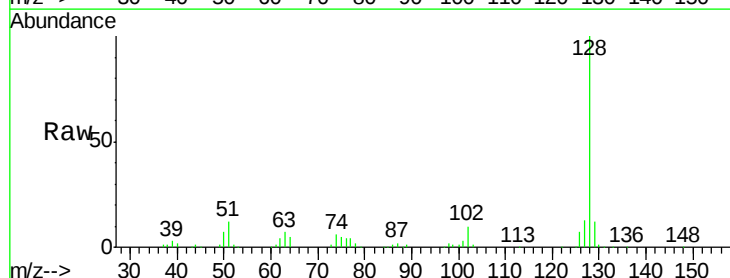


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

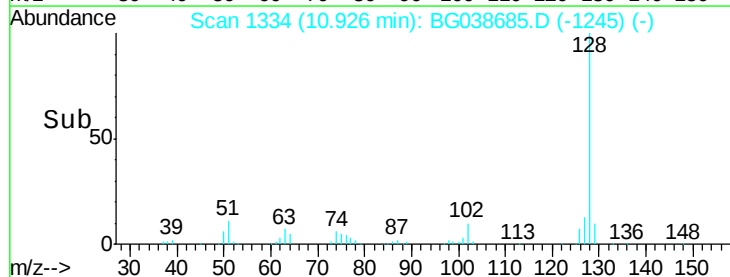
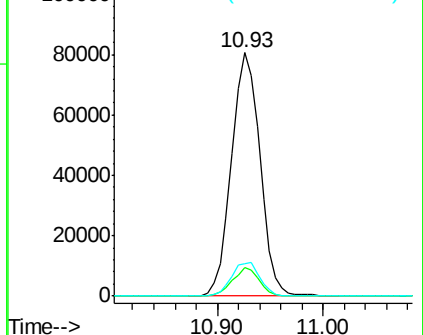


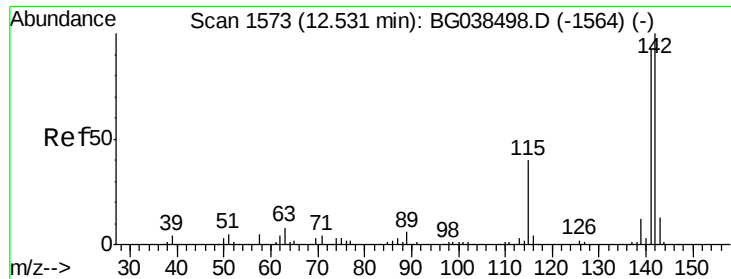
#31
Naphthalene
Concen: 39.254 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038685.D
Acq: 18 Dec 2018 6:13

Tgt Ion: 128 Resp: 150705
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

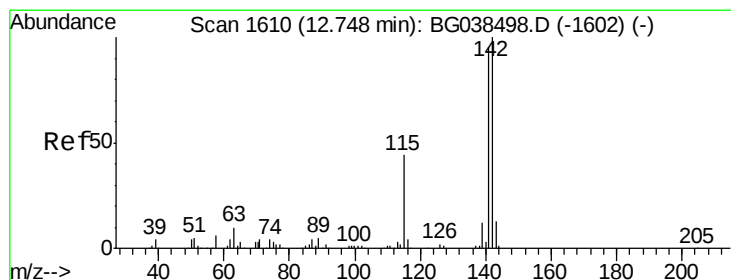
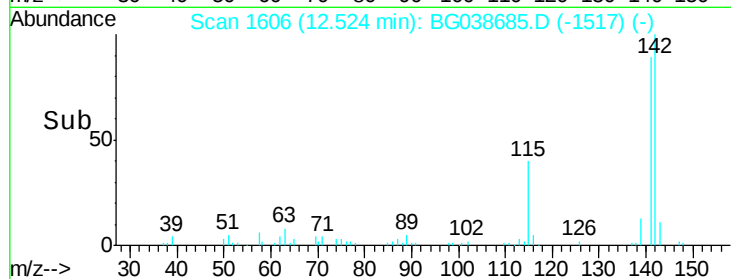
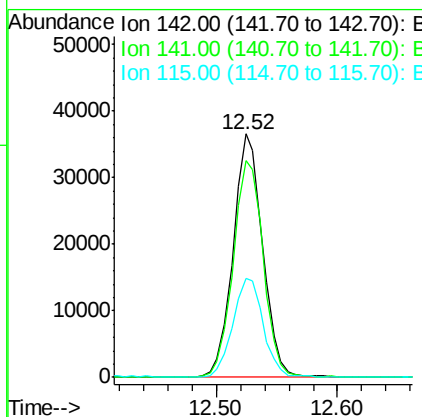
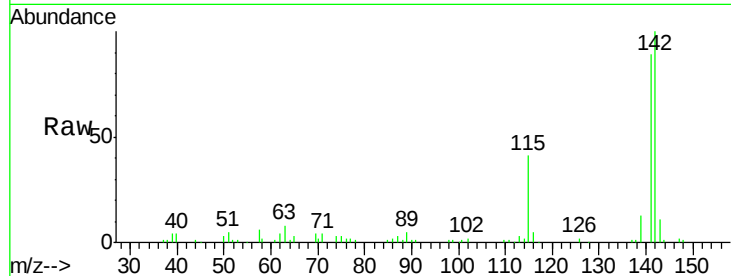




#37
 2-Methylnaphthalene
 Concen: 22.643 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038685.D
 Acq: 18 Dec 2018 6:13

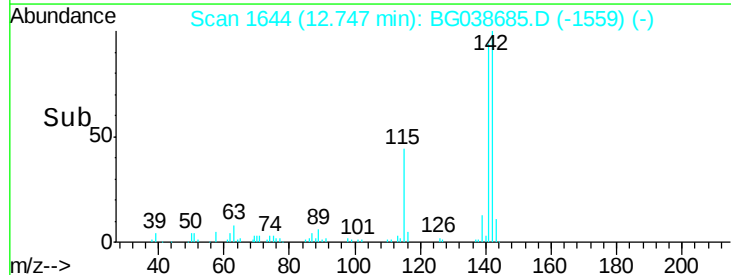
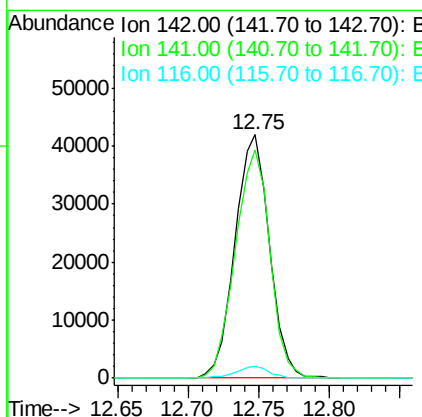
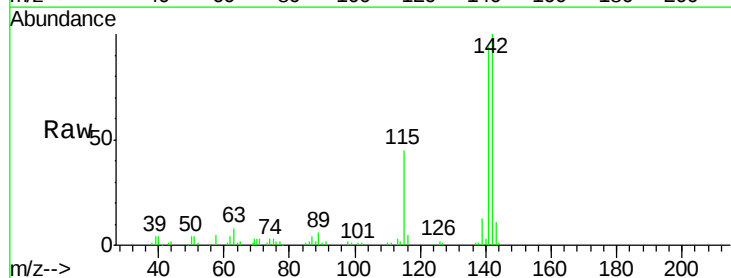
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-B

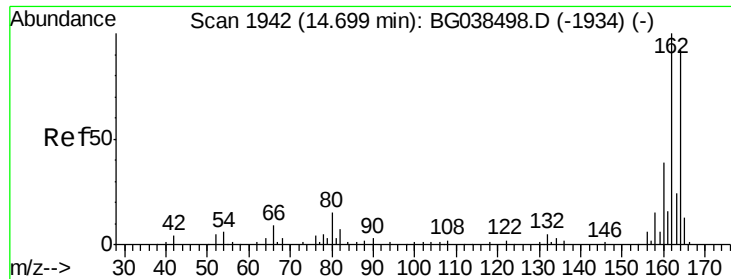
Tgt Ion:142 Resp: 62017
 Ion Ratio Lower Upper
 142 100
 141 88.8 73.5 110.3
 115 40.5 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 26.881 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038685.D
 Acq: 18 Dec 2018 6:13

Tgt Ion:142 Resp: 71445
 Ion Ratio Lower Upper
 142 100
 141 93.8 75.8 113.8
 116 4.7 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

Instrument :

BNA_G

ClientSampleId :

TP-3-B

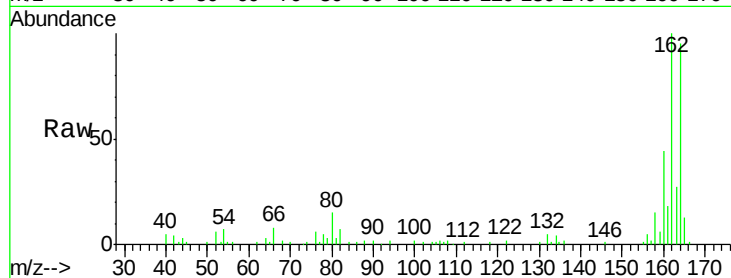
Tgt Ion:164 Resp: 51386

Ion Ratio Lower Upper

164 100

162 104.9 86.6 130.0

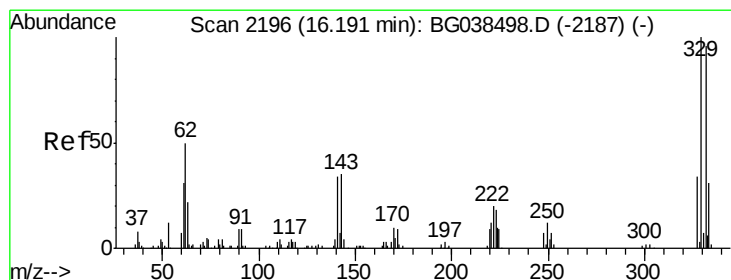
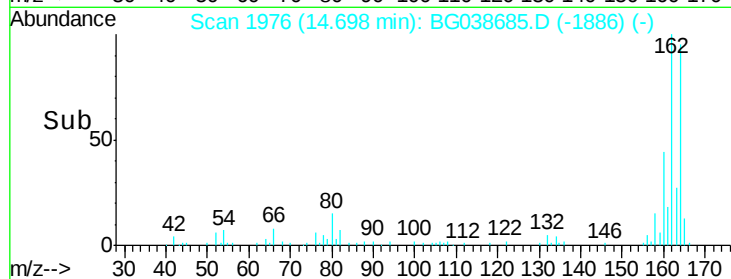
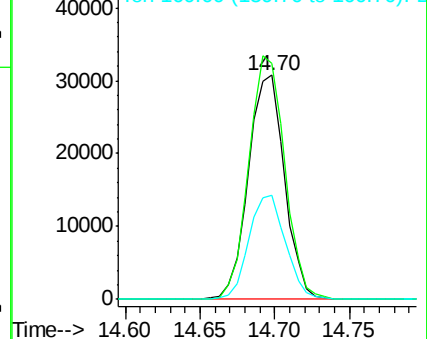
160 46.2 34.2 51.2



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: 164.796 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

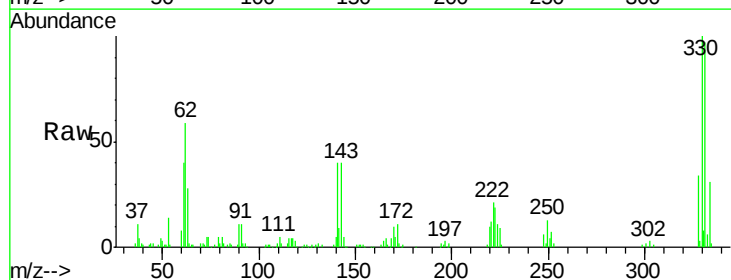
Tgt Ion:330 Resp: 116707

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

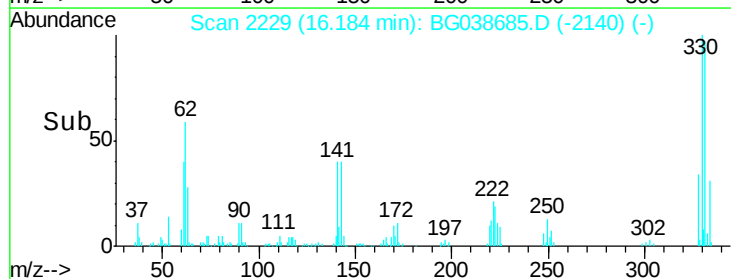
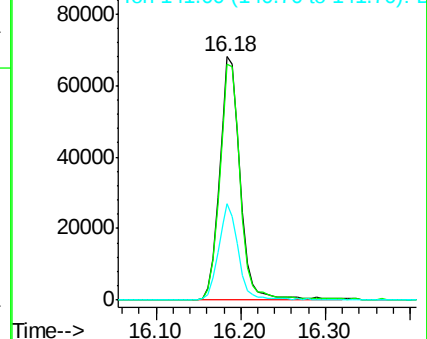
141 37.8 28.8 43.2

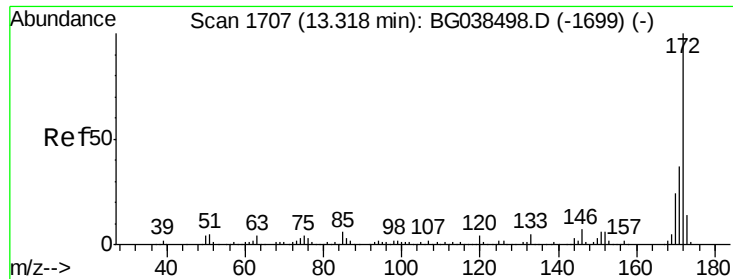


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

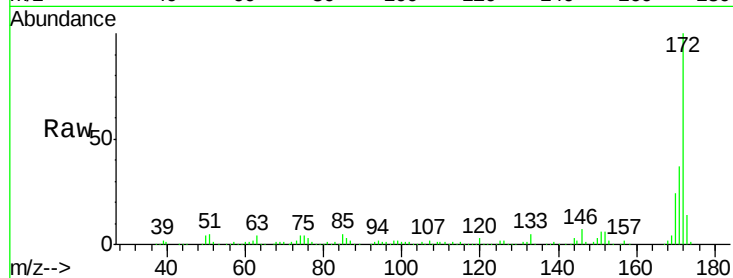




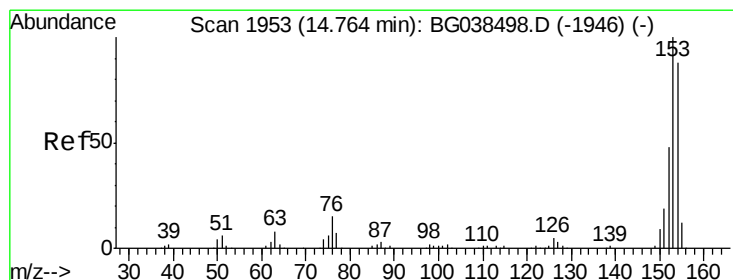
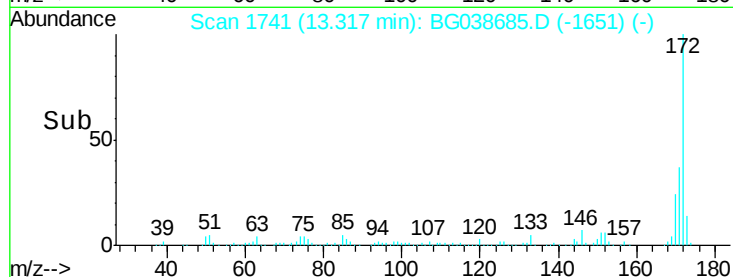
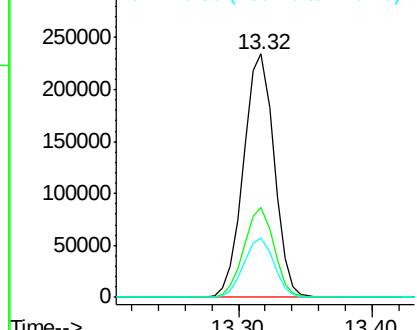
#45
 2-Fluorobiphenyl
 Concen: 98.956 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038685.D
 Acq: 18 Dec 2018 6:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-B

Tgt Ion:172 Resp: 370664
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 24.5 19.5 29.3

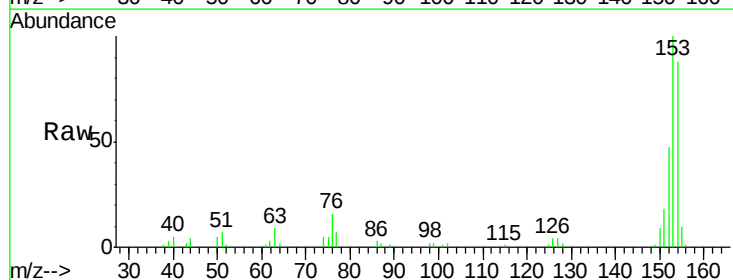


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

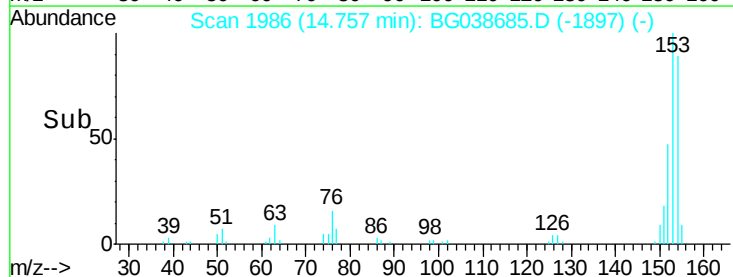
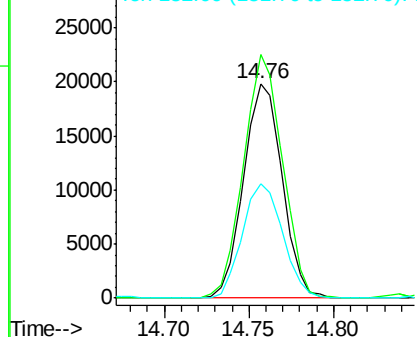


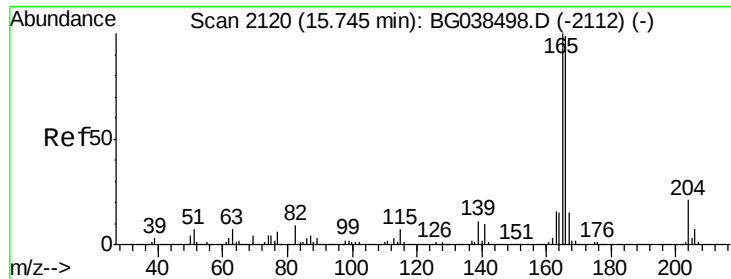
#52
 Acenaphthene
 Concen: 10.603 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038685.D
 Acq: 18 Dec 2018 6:13

Tgt Ion:154 Resp: 31539
 Ion Ratio Lower Upper
 154 100
 153 113.5 90.6 136.0
 152 53.4 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 2.966 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

Instrument :

BNA_G

ClientSampleId :

TP-3-B

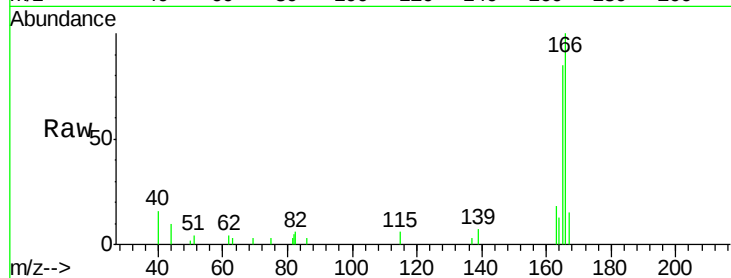
Tgt Ion:166 Resp: 11203

Ion Ratio Lower Upper

166 100

165 85.3 80.6 120.8

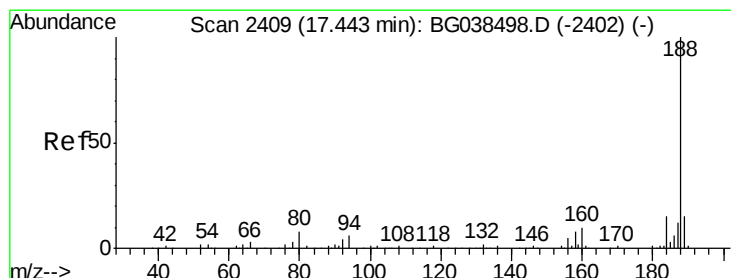
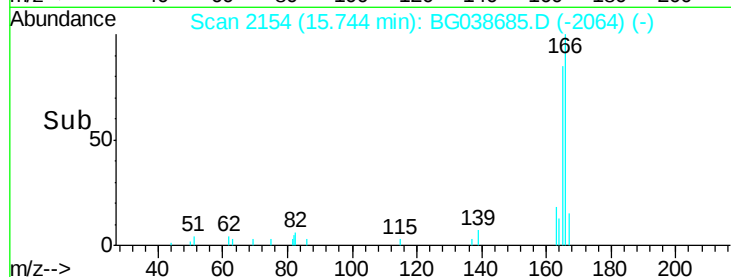
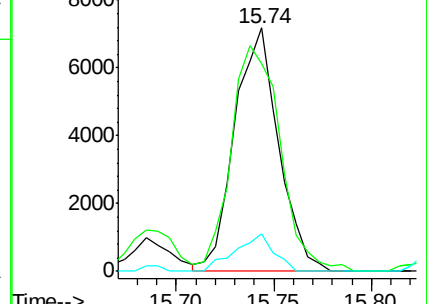
167 15.4 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

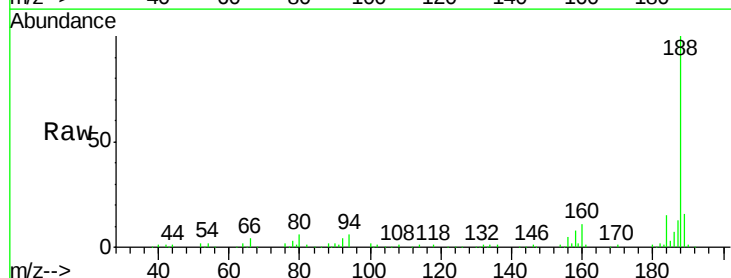
Tgt Ion:188 Resp: 134573

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

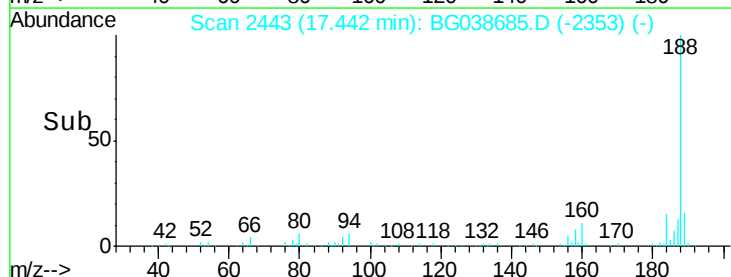
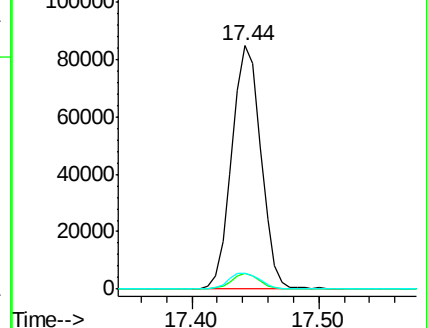
80 6.3 6.1 9.1

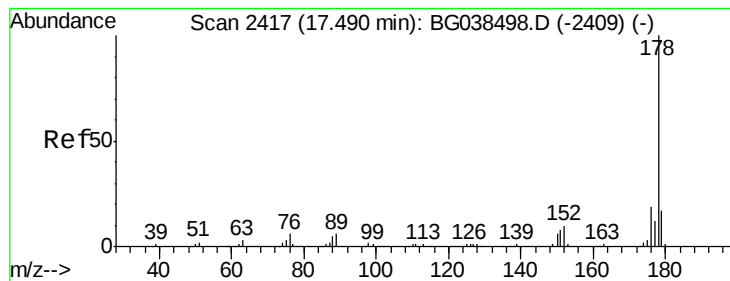


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#71

Phenanthrene

Concen: 3.092 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

Instrument :

BNA_G

ClientSampleId :

TP-3-B

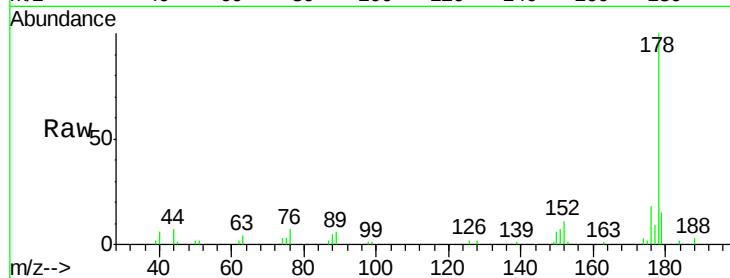
Tgt Ion:178 Resp: 21579

Ion Ratio Lower Upper

178 100

176 17.9 15.1 22.7

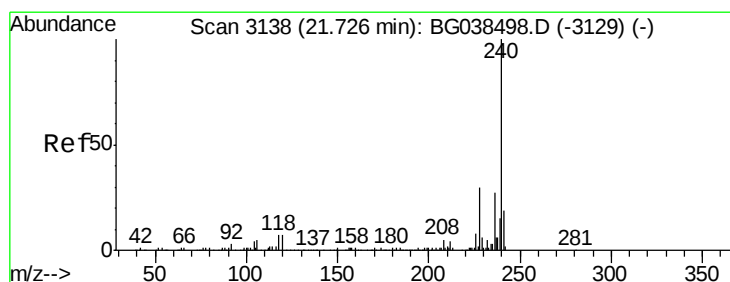
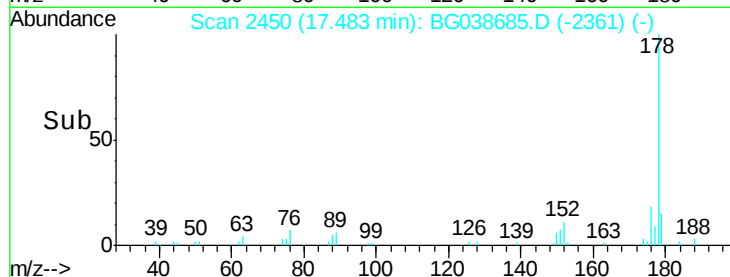
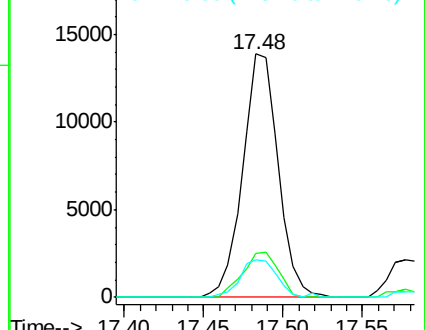
179 15.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

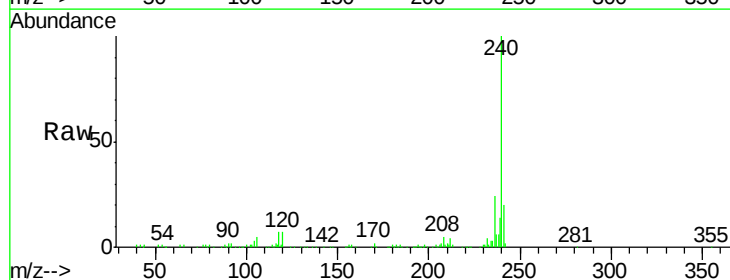
Tgt Ion:240 Resp: 145476

Ion Ratio Lower Upper

240 100

120 7.2 5.3 7.9

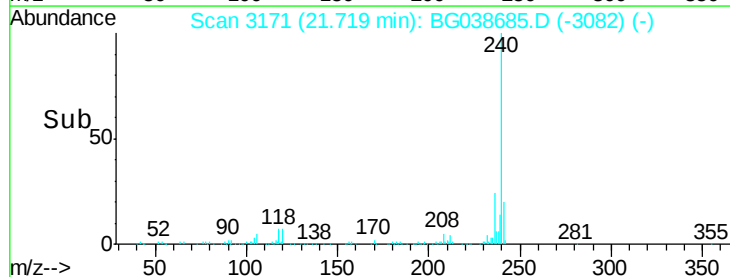
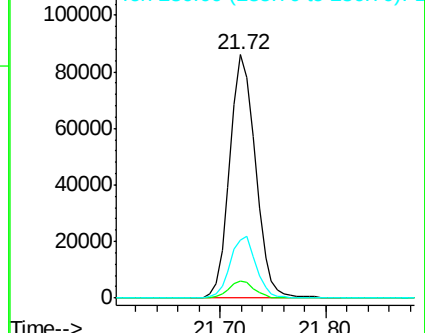
236 23.8 21.4 32.2

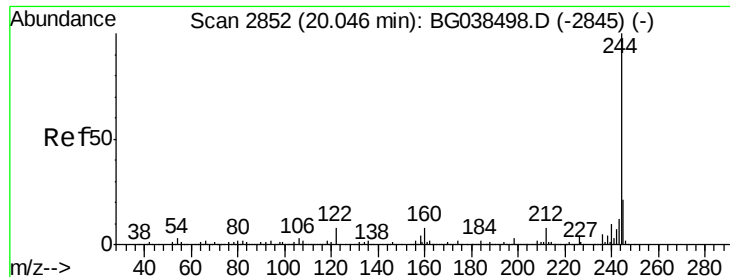


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 113.019 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

Instrument :

BNA_G

ClientSampleId :

TP-3-B

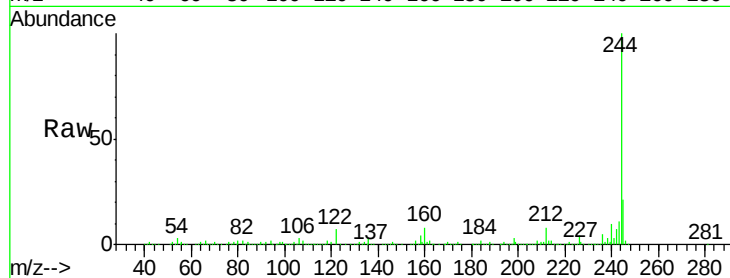
Tgt Ion:244 Resp: 755473

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

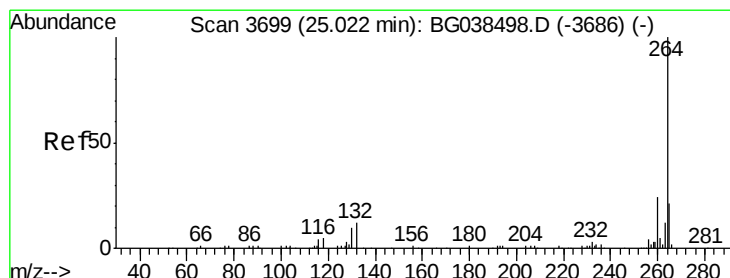
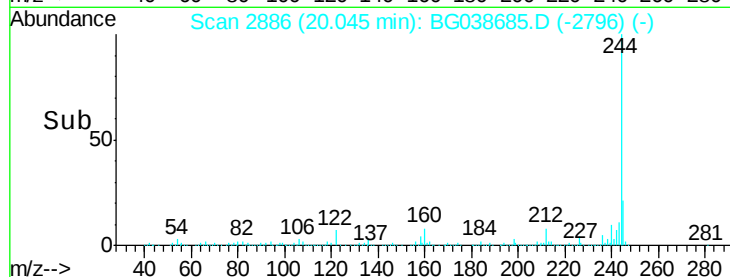
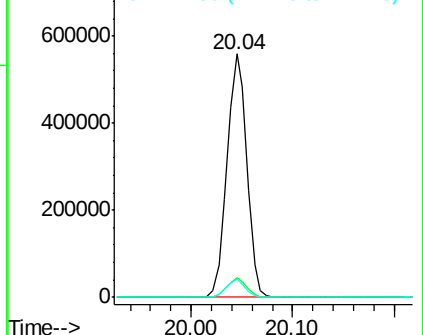
122 7.3 6.3 9.5



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# 3733

Delta R.T. -0.00 min

Lab File: BG038685.D

Acq: 18 Dec 2018 6:13

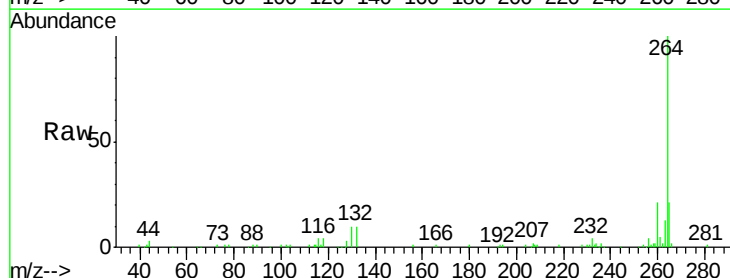
Tgt Ion:264 Resp: 151618

Ion Ratio Lower Upper

264 100

260 21.1 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

