

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034970.D
 Acq On : 8 Jun 2018 2:30
 Operator : SJ/JU
 Sample : PB110034BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110034BL

Quant Time: Jun 08 05:10:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42392	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	152325	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	111740	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	305693	20.00	ng	0.00
75) Chrysene-d12	21.71	240	344489	20.00	ng	-0.02
86) Perylene-d12	24.95	264	331478	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	286986	114.25	ng	0.00
7) Phenol-d6	7.23	99	428791	115.66	ng	0.00
23) Nitrobenzene-d5	9.23	82	262521	81.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	183546	128.32	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	639394	74.39	ng	0.00
78) Terphenyl-d14	20.06	244	1246816	75.81	ng	0.00

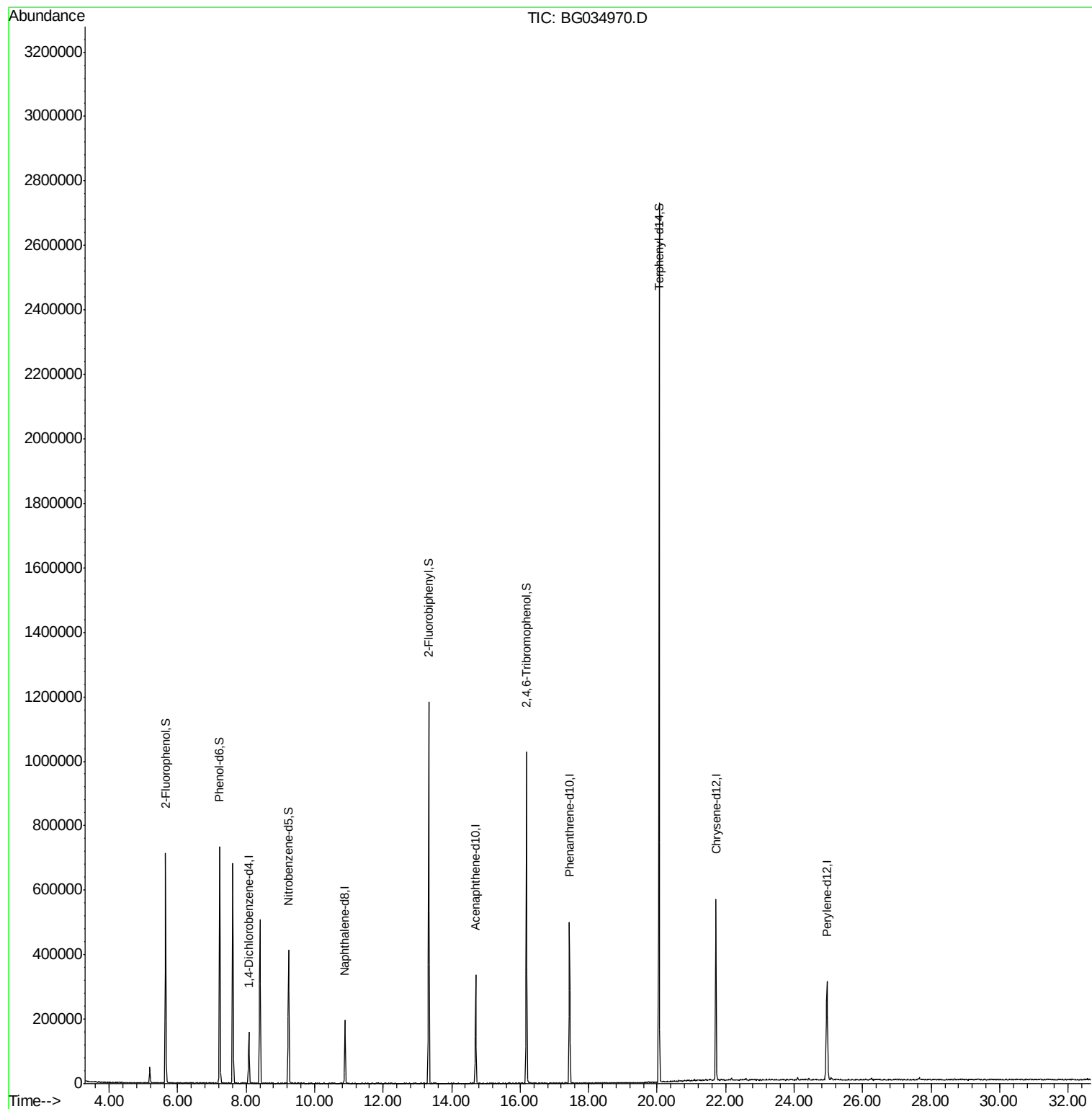
Target Compounds Qvalue

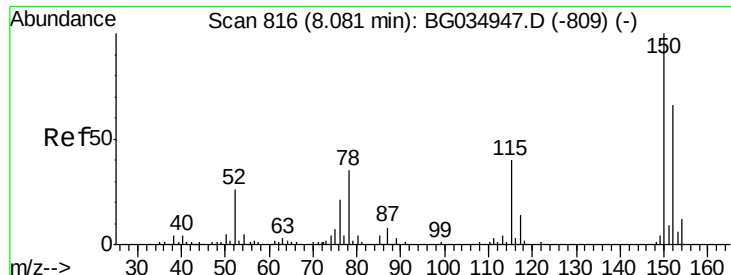
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

Instrument :

BNA_G

ClientSampleId :

PB110034BL

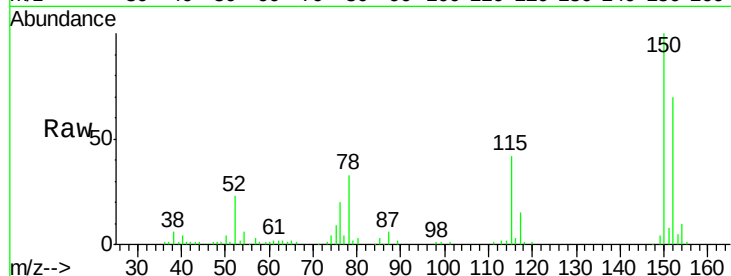
Tot Ion:152 Resp: 42392

Ion Ratio Lower Upper

152 100

150 142.0 126.6 189.8

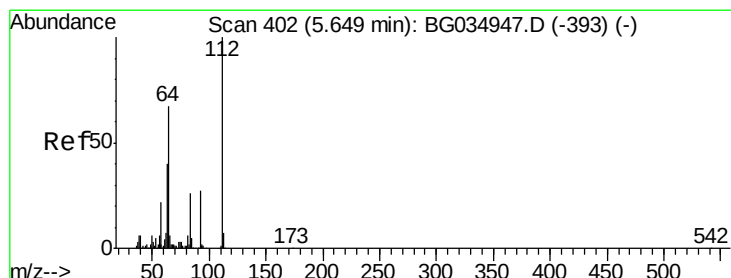
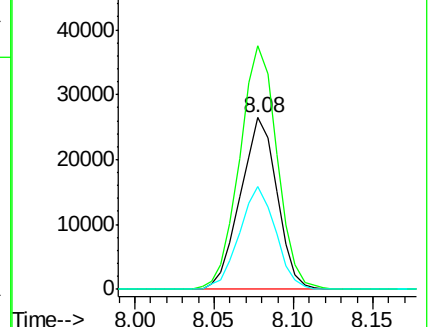
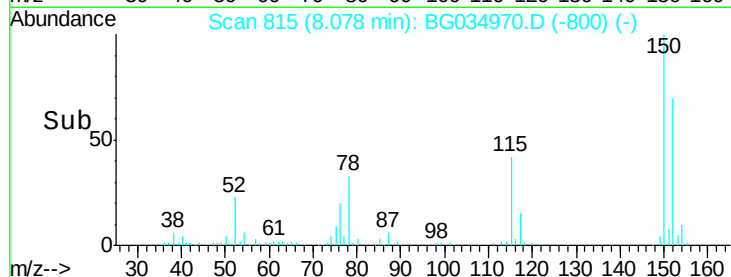
115 60.3 53.0 79.4



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: 114.248 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

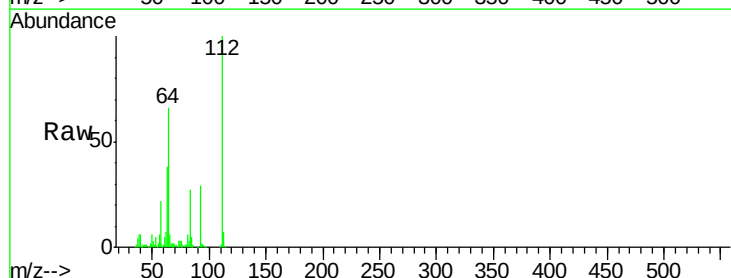
Tgt Ion:112 Resp: 286986

Ion Ratio Lower Upper

112 100

64 66.2 56.3 84.5

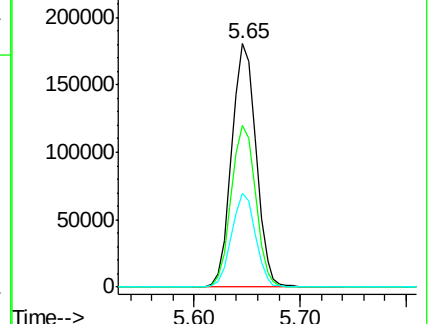
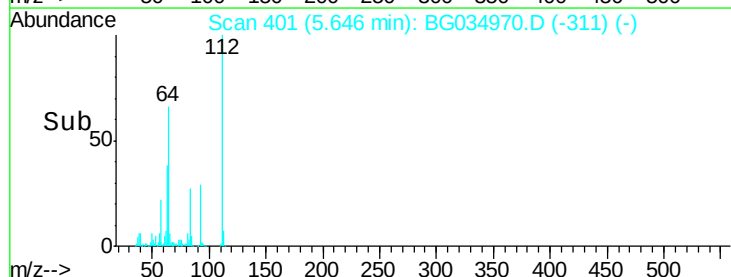
63 38.3 30.1 45.1

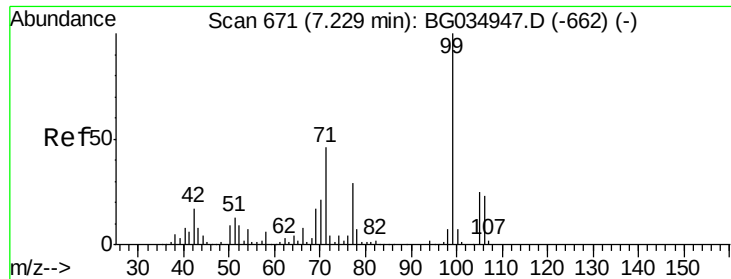


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.655 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

Instrument :

BNA_G

ClientSampleId :

PB110034BL

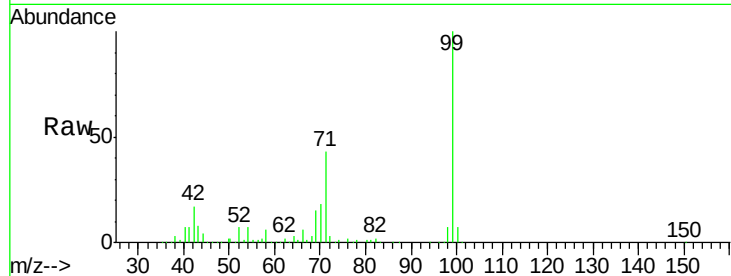
Tot Ion: 99 Resp: 428791

Ion Ratio Lower Upper

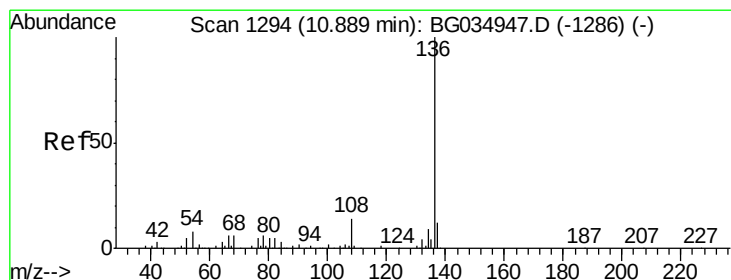
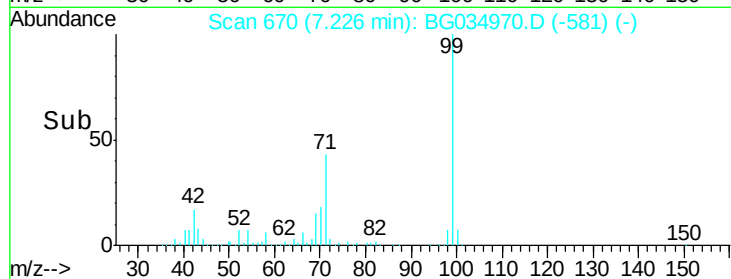
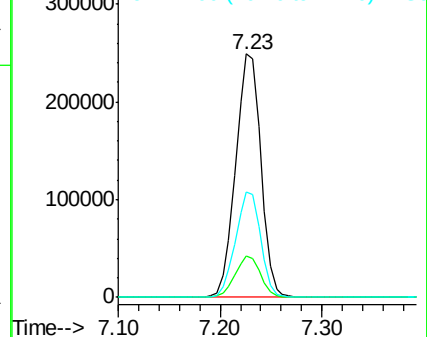
99 100

42 16.7 14.1 21.1

71 43.4 26.1 39.1#



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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

Tgt Ion: 136 Resp: 152325

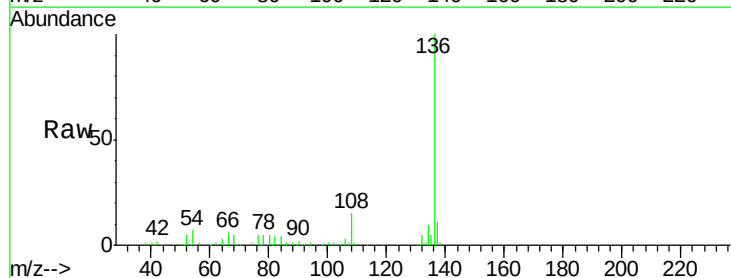
Ion Ratio Lower Upper

136 100

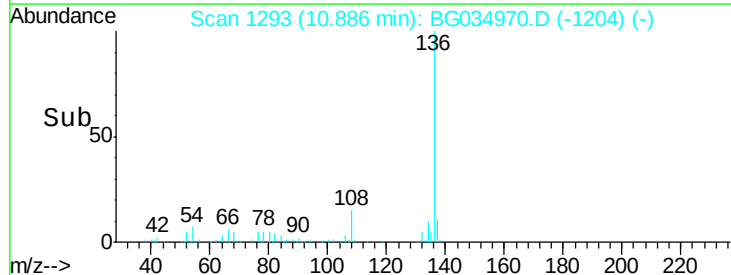
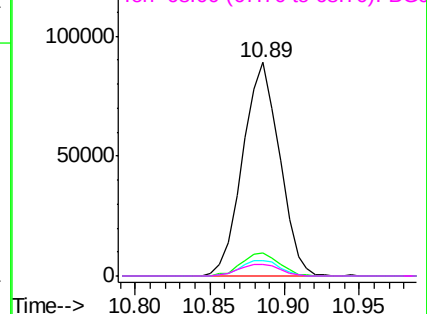
137 11.0 9.2 13.8

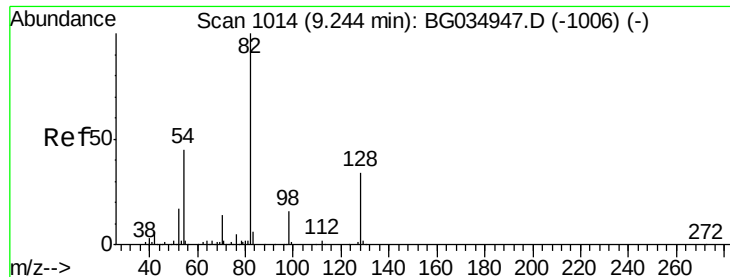
54 7.2 10.3 15.5#

68 5.2 4.5 6.7



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

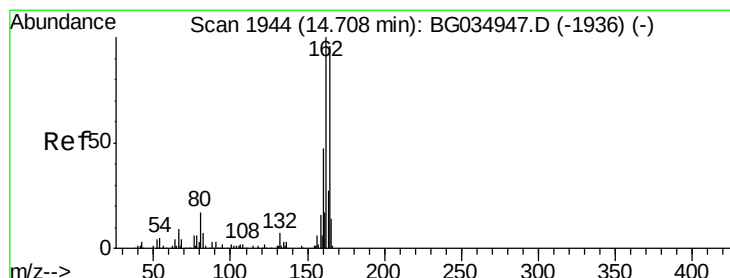
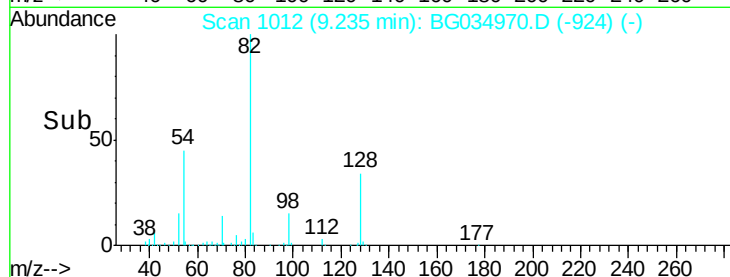
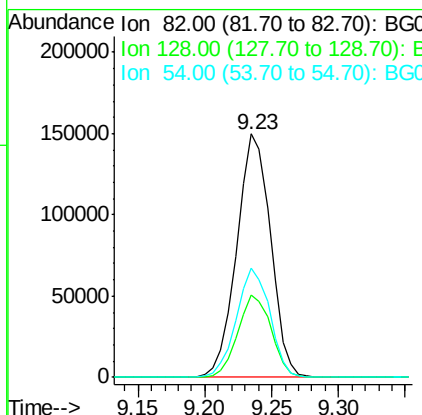
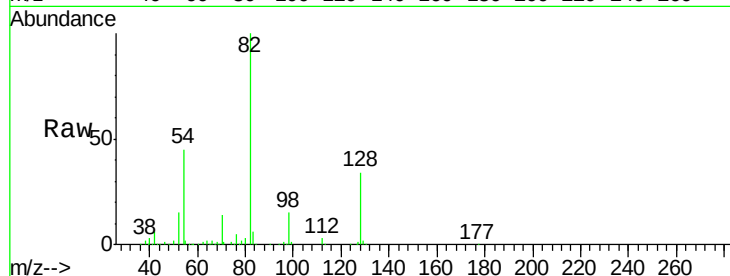




#23
Nitrobenzene-d5
Concen: 81.922 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG034970.D
Acq: 8 Jun 2018 2:30

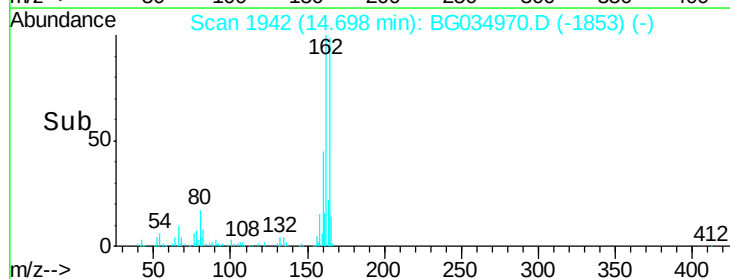
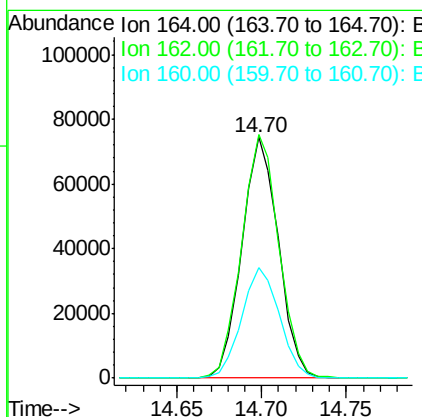
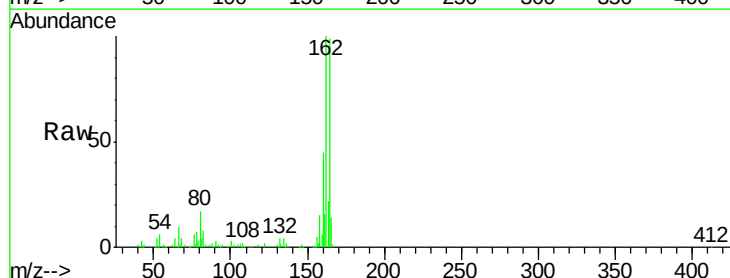
Instrument :
BNA_G
ClientSampleId :
PB110034BL

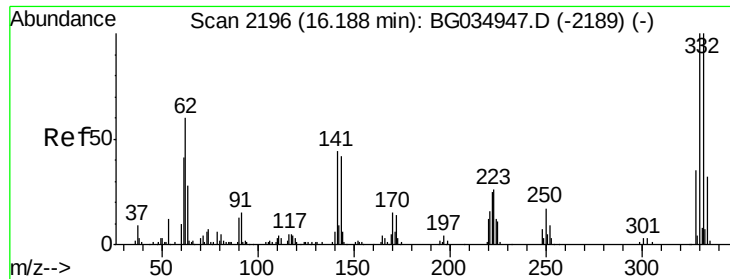
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	44.7	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG034970.D
Acq: 8 Jun 2018 2:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	45.7	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 128.317 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

Instrument :

BNA_G

ClientSampleId :

PB110034BL

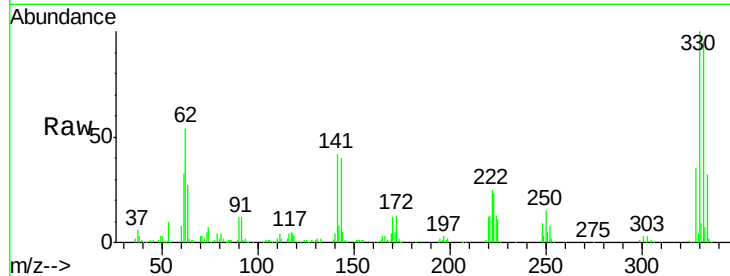
Tot Ion:330 Resp: 183546

Ion Ratio Lower Upper

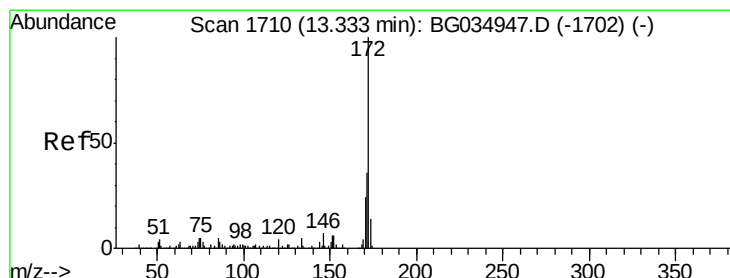
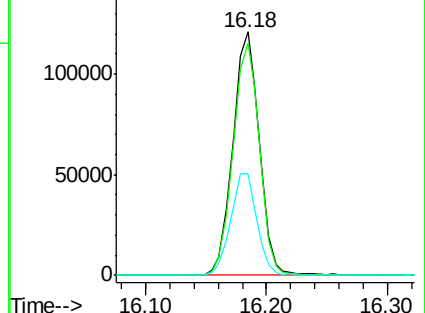
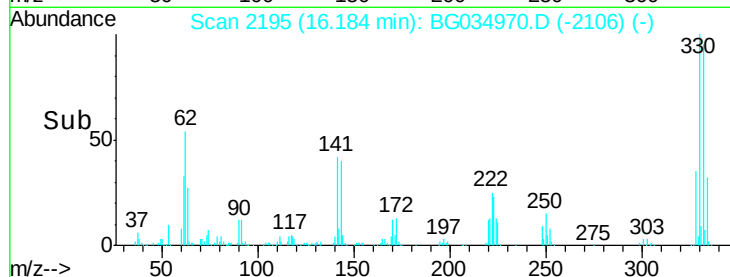
330 100

332 95.3 77.0 115.6

141 42.0 25.2 37.8#



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



#44

2-Fluorobiphenyl

Concen: 74.388 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

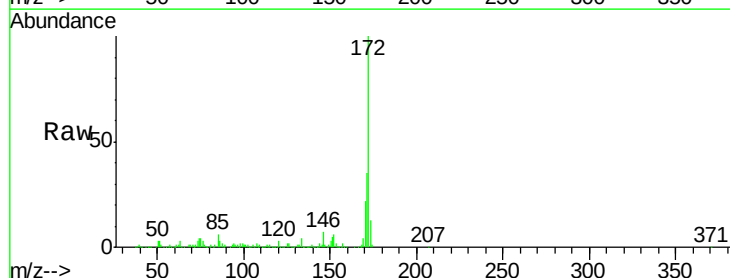
Tgt Ion:172 Resp: 639394

Ion Ratio Lower Upper

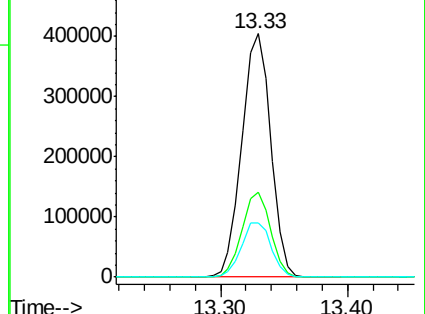
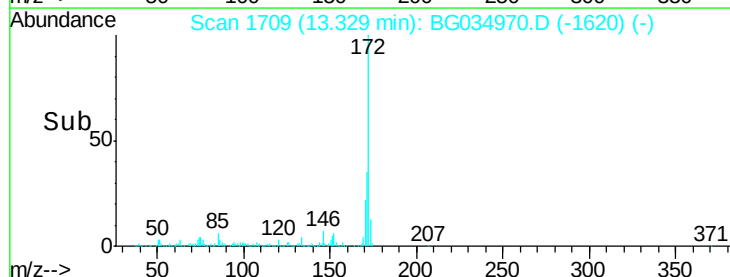
172 100

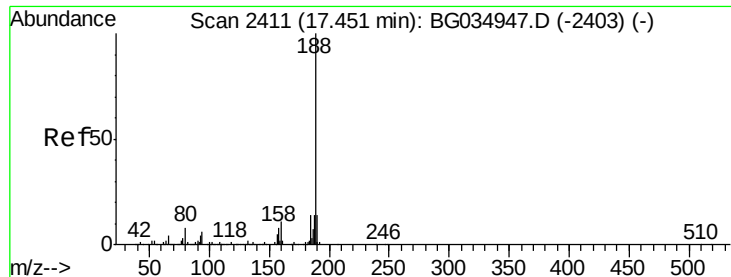
171 35.1 30.0 45.0

170 22.4 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

Instrument :

BNA_G

ClientSampleId :

PB110034BL

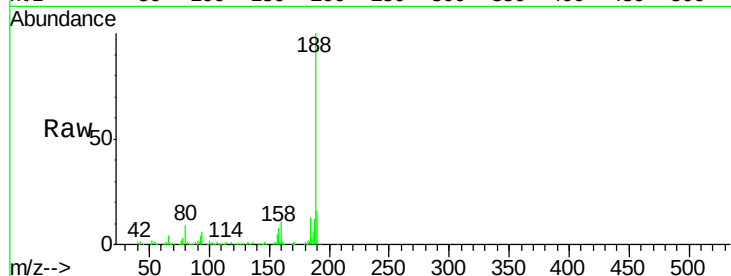
Tot Ion:188 Resp: 305693

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

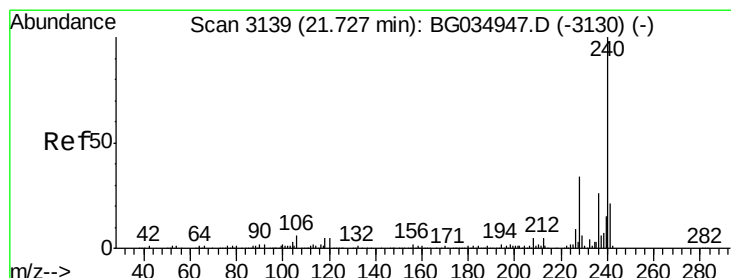
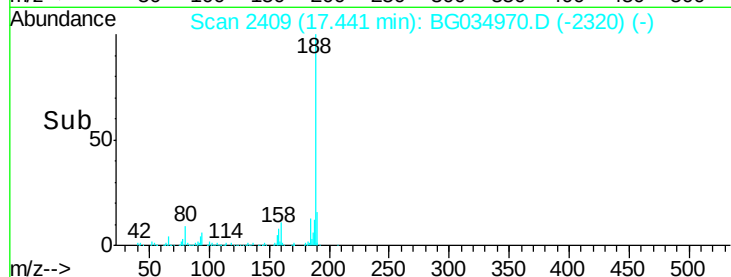
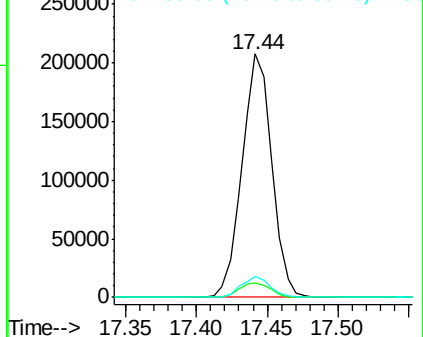
80 8.8 7.7 11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

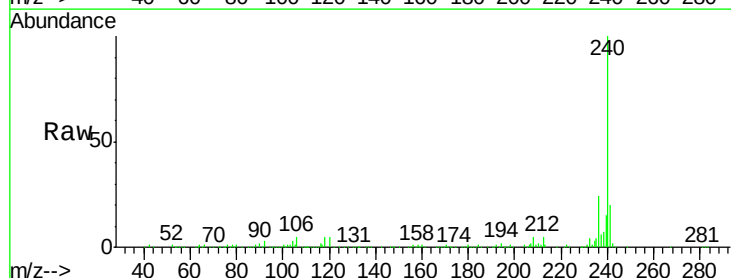
Tgt Ion:240 Resp: 344489

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

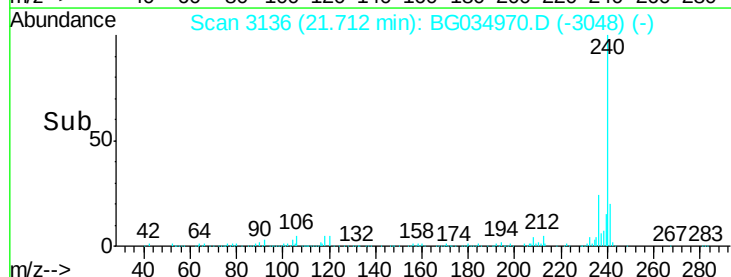
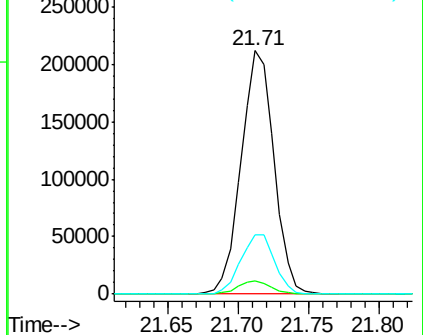
236 24.1 20.9 31.3

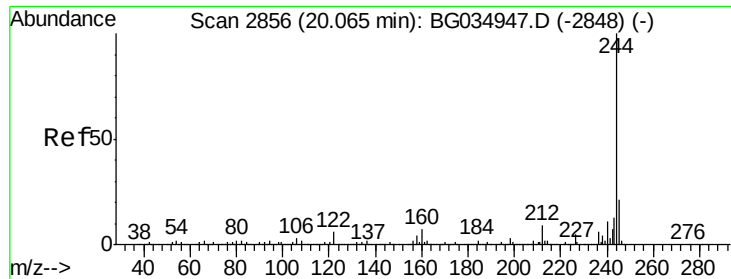


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.813 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

Instrument :

BNA_G

ClientSampleId :

PB110034BL

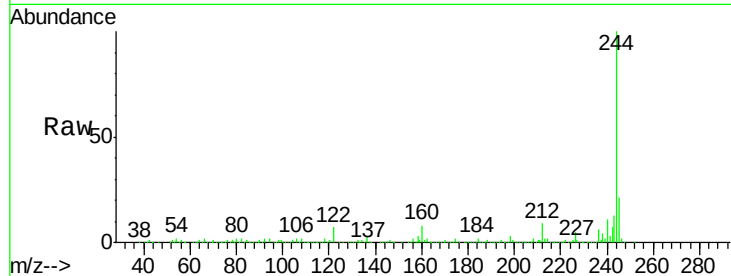
Tot Ion:244 Resp: 1246816

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

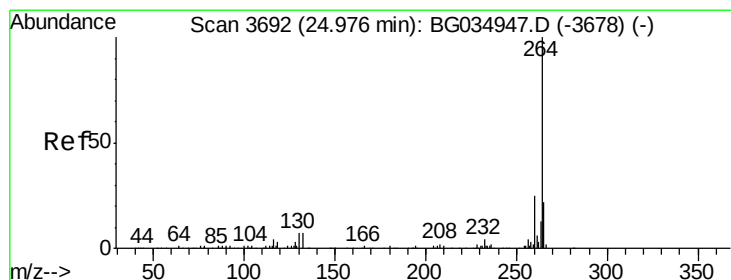
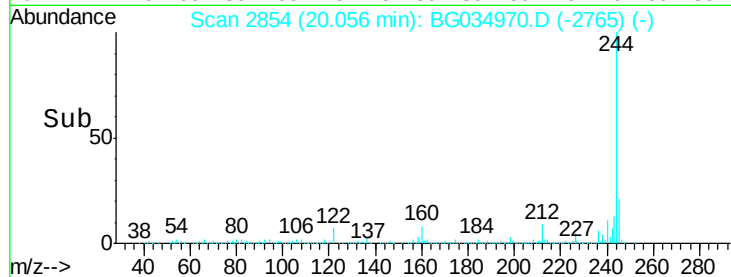
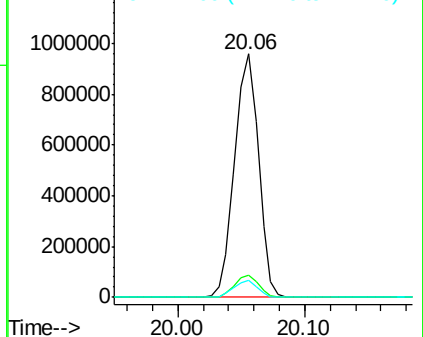
122 7.0 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3688

Delta R.T. -0.03 min

Lab File: BG034970.D

Acq: 8 Jun 2018 2:30

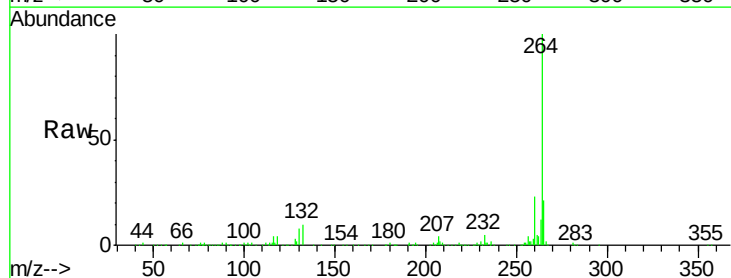
Tgt Ion:264 Resp: 331478

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.3 17.7 26.5



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

