

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040119.D
 Acq On : 25 Mar 2019 16:12
 Operator : JU/SJ
 Sample : PB118232BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BL

Quant Time: Mar 26 03:45:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	31014	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	130630	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	93525	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	260209	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	274046	20.00	ng	-0.03
87) Perylene-d12	25.15	264	271444	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	223097	122.72	ng	-0.02
7) Phenol-d6	7.29	99	325819	120.20	ng	-0.02
23) Nitrobenzene-d5	9.32	82	187533	77.64	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	143965	132.07	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	512535	78.03	ng	-0.03
79) Terphenyl-d14	20.10	244	954107	76.66	ng	-0.02

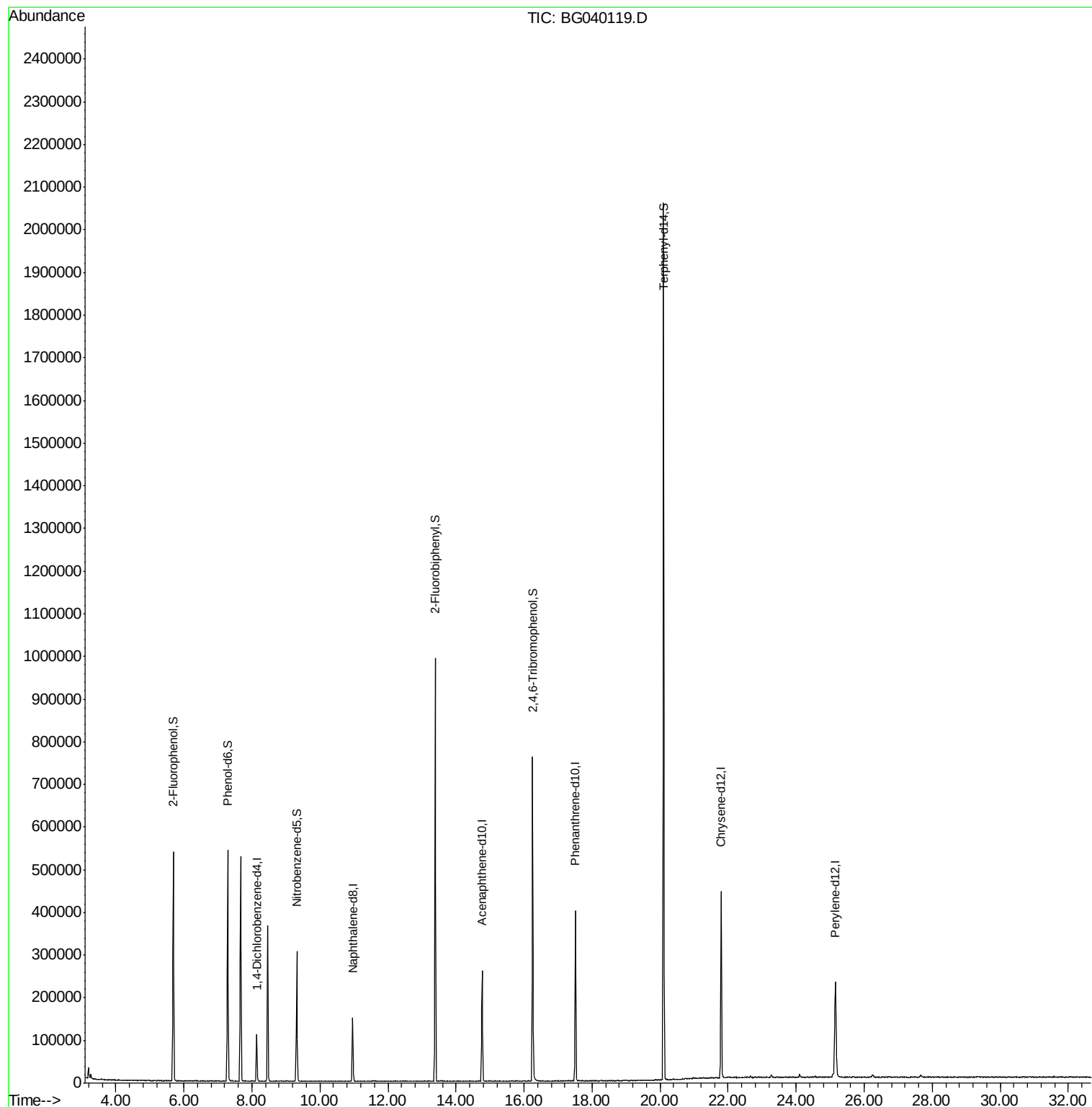
Target Compounds	Qvalue
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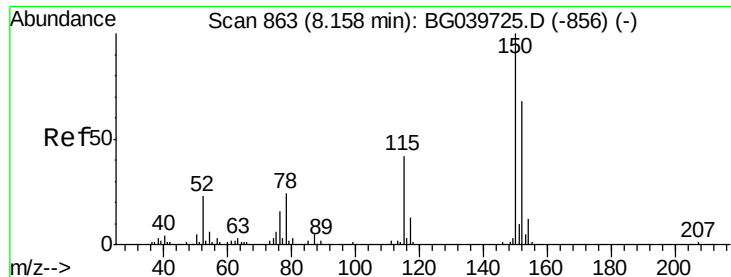
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

Instrument :

BNA_G

ClientSampleId :

PB118232BL

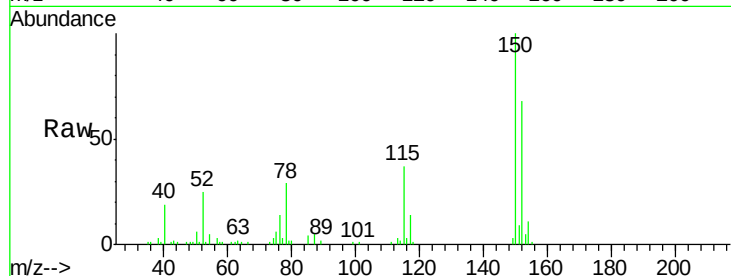
Tgt Ion:152 Resp: 31014

Ion Ratio Lower Upper

152 100

150 146.2 123.7 185.5

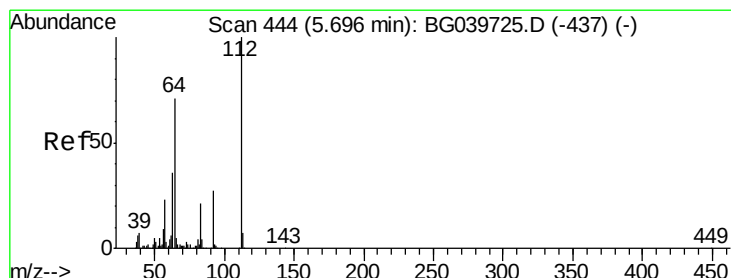
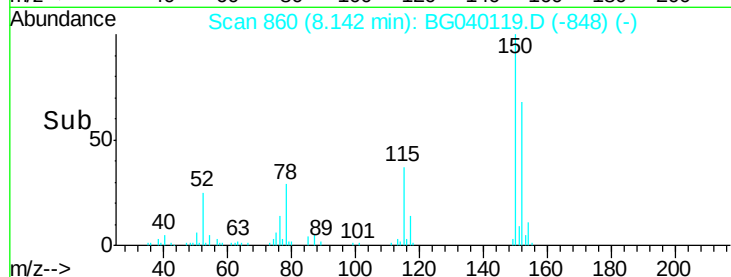
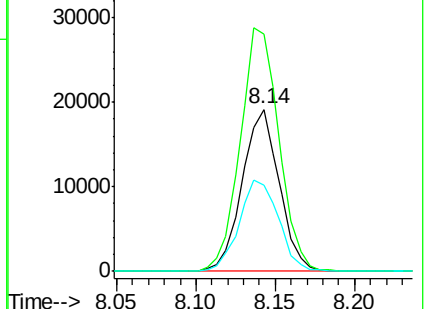
115 53.5 45.9 68.9



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: 122.721 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

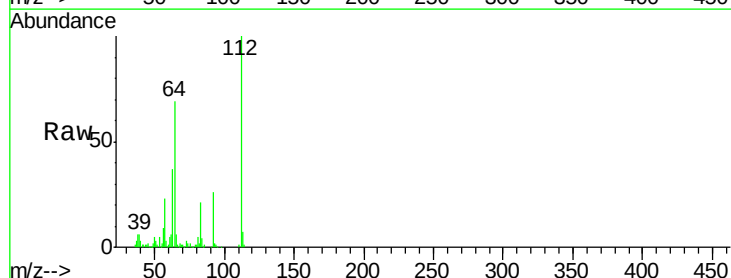
Tgt Ion:112 Resp: 223097

Ion Ratio Lower Upper

112 100

64 68.7 57.8 86.8

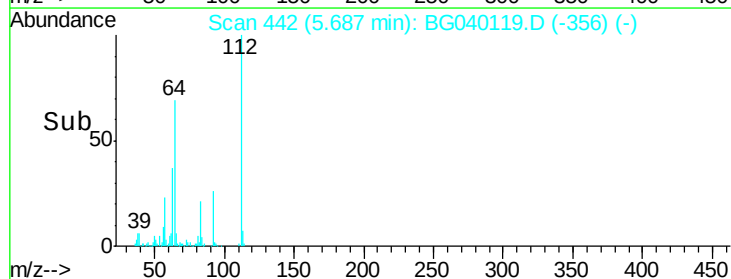
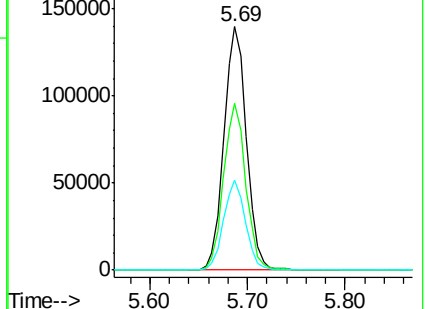
63 37.0 29.8 44.6

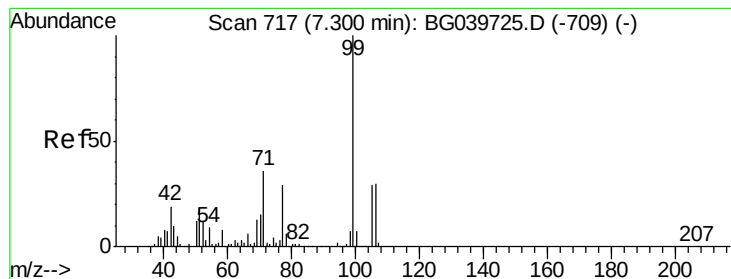


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.200 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

Instrument :

BNA_G

ClientSampleId :

PB118232BL

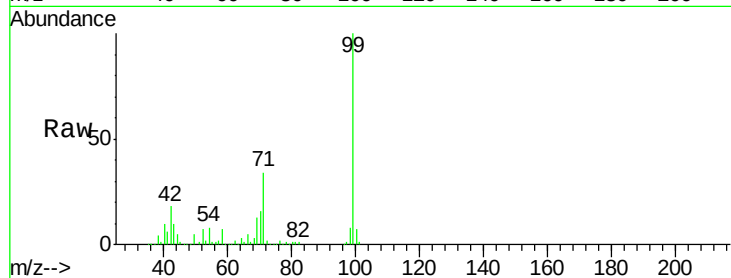
Tgt Ion: 99 Resp: 325819

Ion Ratio Lower Upper

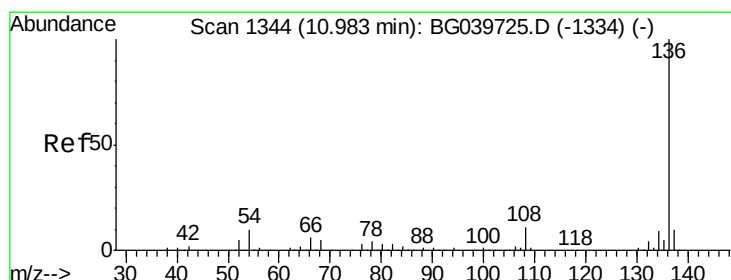
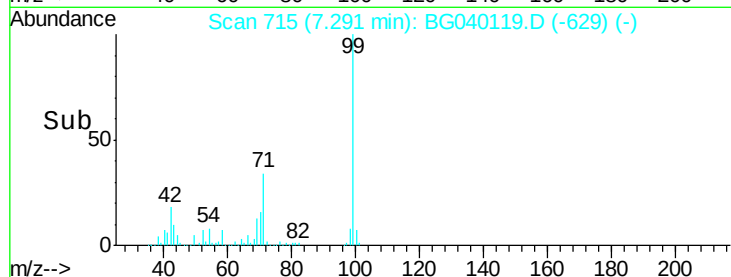
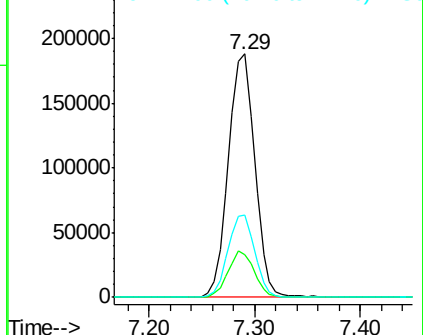
99 100

42 17.6 18.2 27.2#

71 33.9 28.0 42.0



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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

Tgt Ion: 136 Resp: 130630

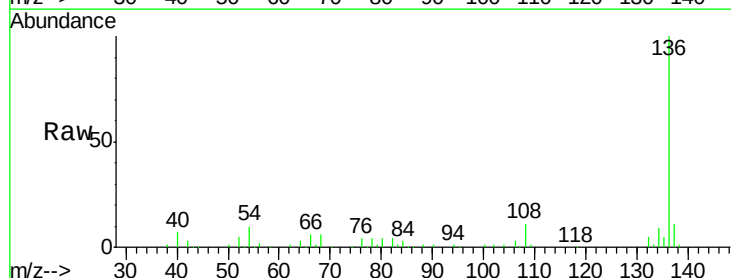
Ion Ratio Lower Upper

136 100

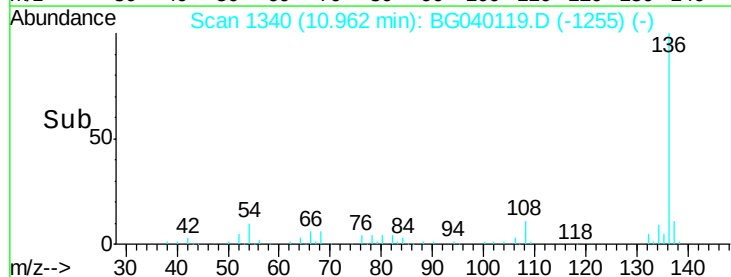
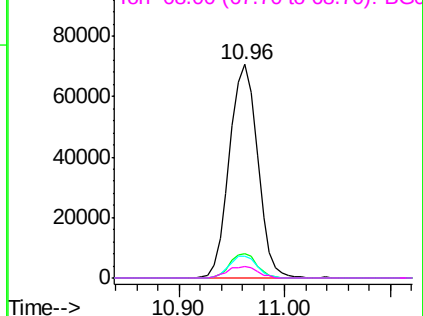
137 11.2 9.1 13.7

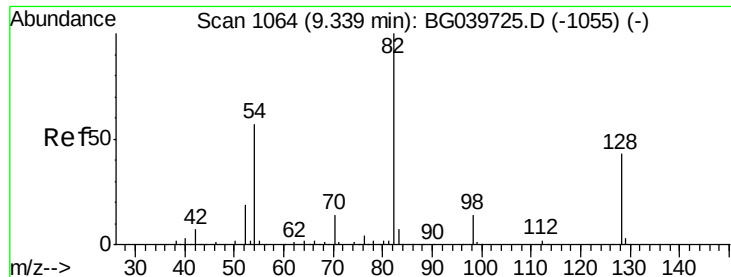
54 10.2 9.4 14.2

68 5.7 4.2 6.4



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: 77.643 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

Instrument :

BNA_G

ClientSampleId :

PB118232BL

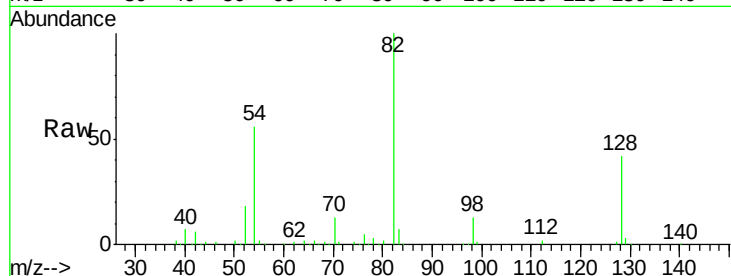
Tgt Ion: 82 Resp: 187533

Ion Ratio Lower Upper

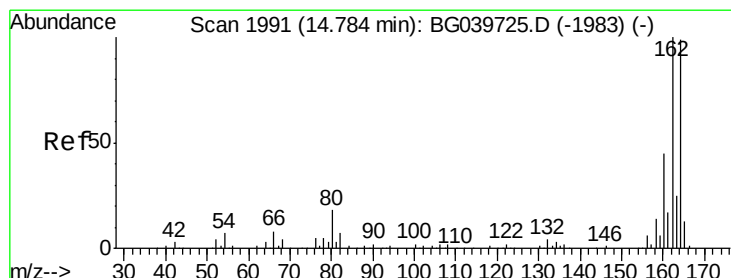
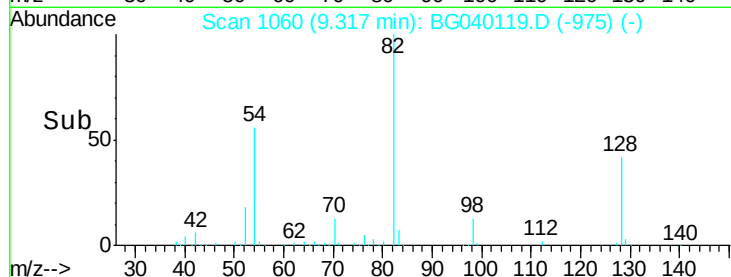
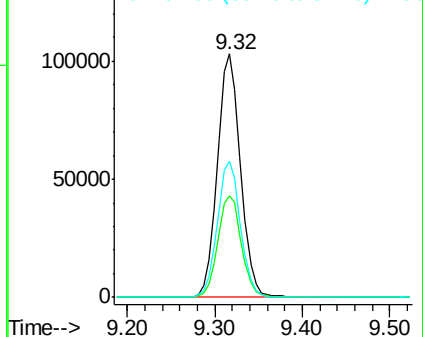
82 100

128 41.9 31.3 46.9

54 56.0 50.9 76.3



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

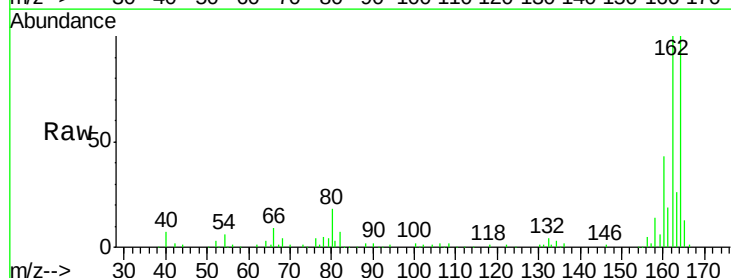
Tgt Ion: 164 Resp: 93525

Ion Ratio Lower Upper

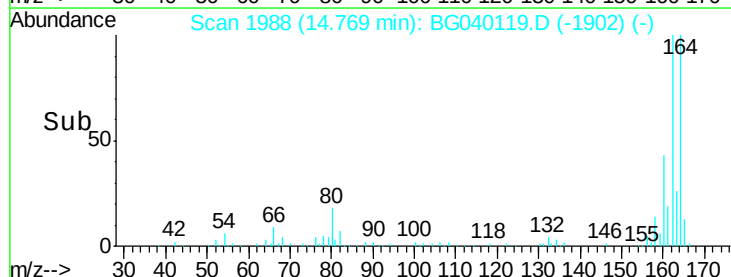
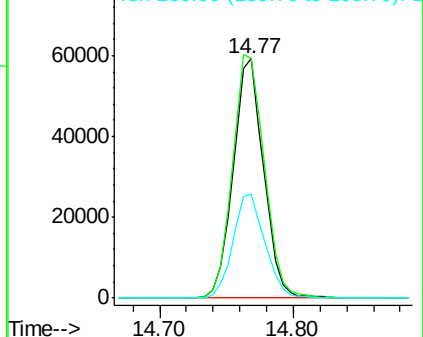
164 100

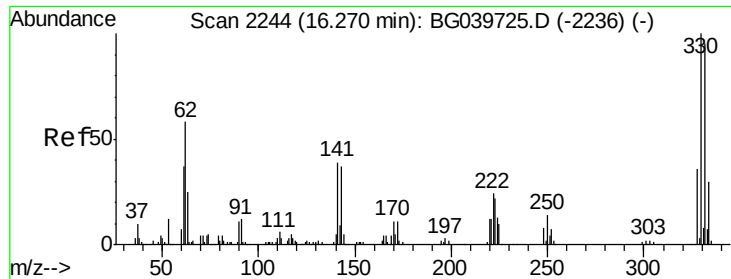
162 100.1 81.6 122.4

160 43.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 132.066 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

Instrument :

BNA_G

ClientSampleId :

PB118232BL

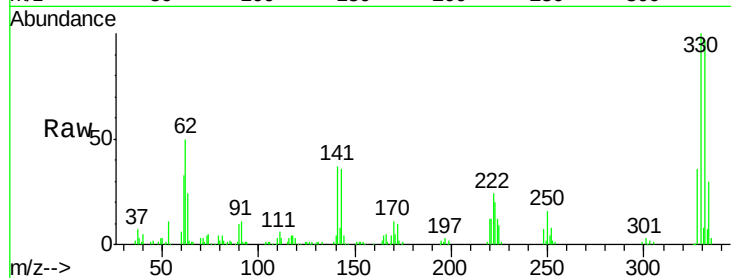
Tgt Ion:330 Resp: 143965

Ion Ratio Lower Upper

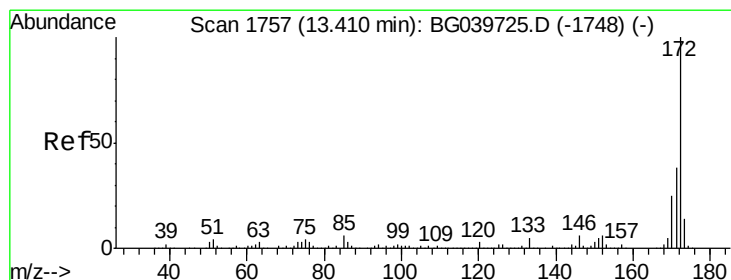
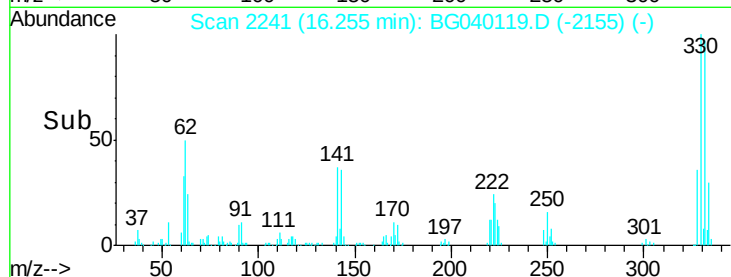
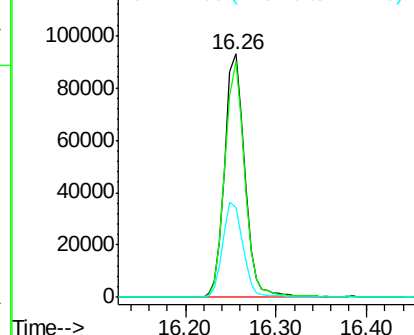
330 100

332 95.6 75.7 113.5

141 39.2 35.6 53.4



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: 78.029 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

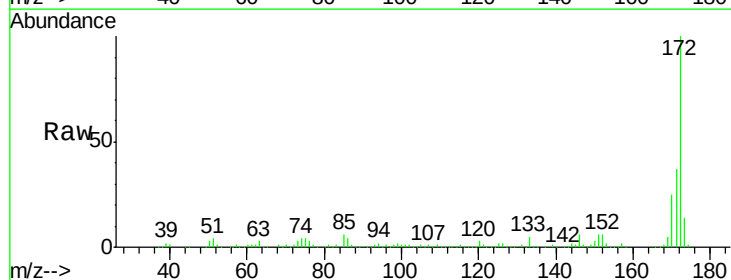
Tgt Ion:172 Resp: 512535

Ion Ratio Lower Upper

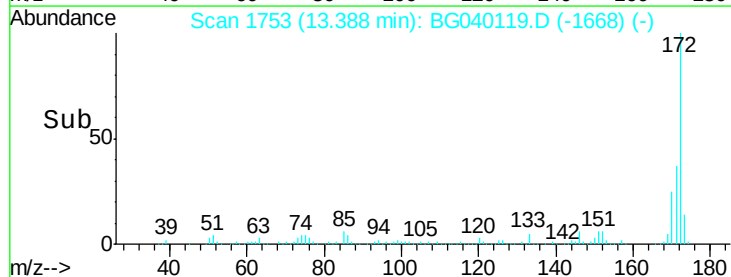
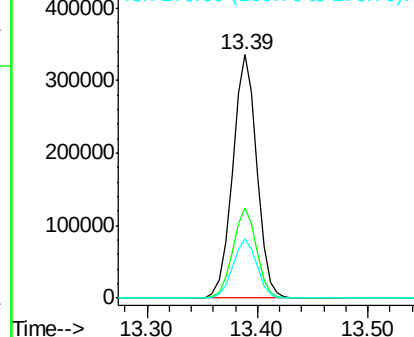
172 100

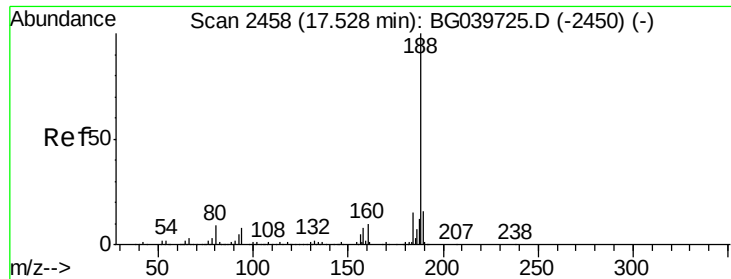
171 37.1 30.8 46.2

170 24.6 20.2 30.4



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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

Instrument :

BNA_G

ClientSampleId :

PB118232BL

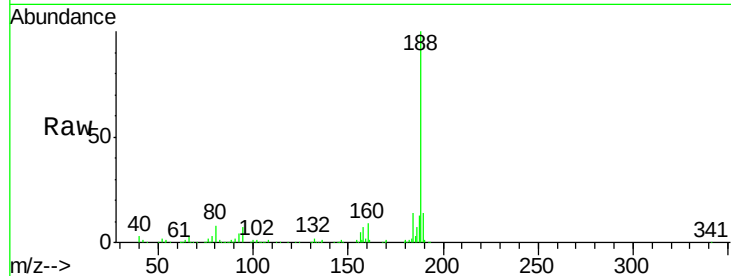
Tgt Ion:188 Resp: 260209

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

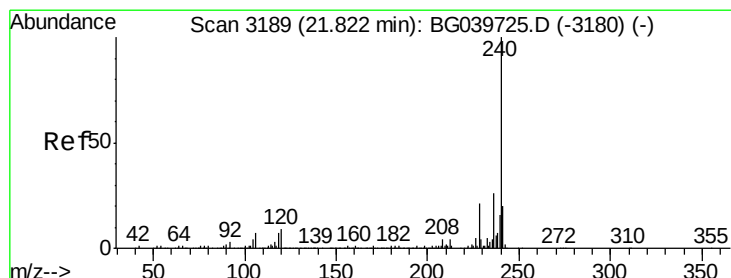
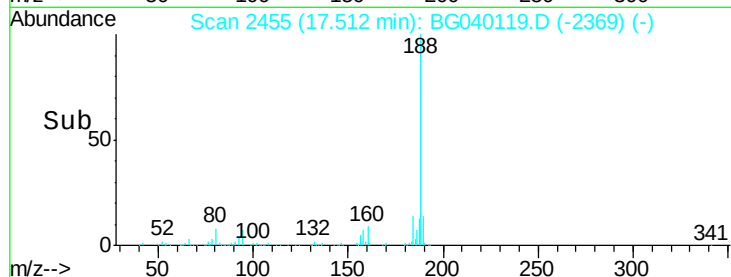
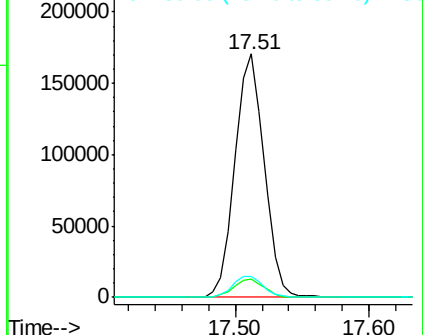
80 8.3 8.1 12.1



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: 21.79 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

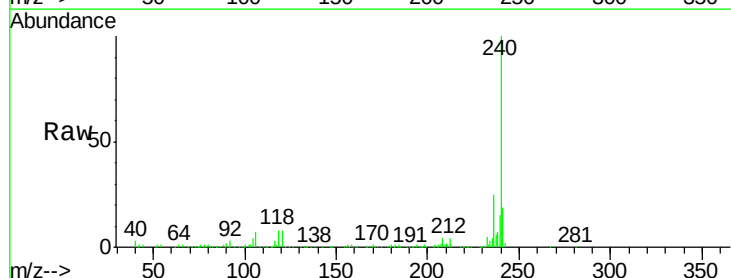
Tgt Ion:240 Resp: 274046

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

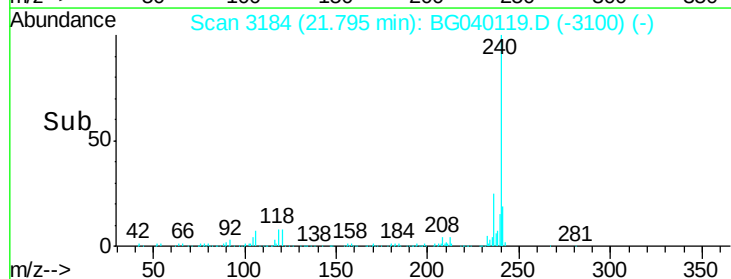
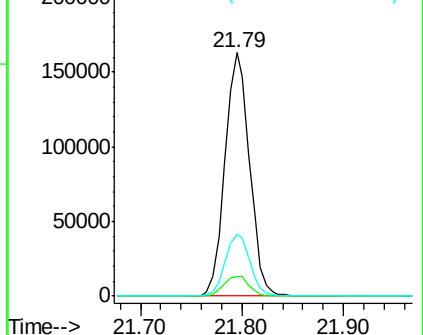
236 25.2 21.0 31.4

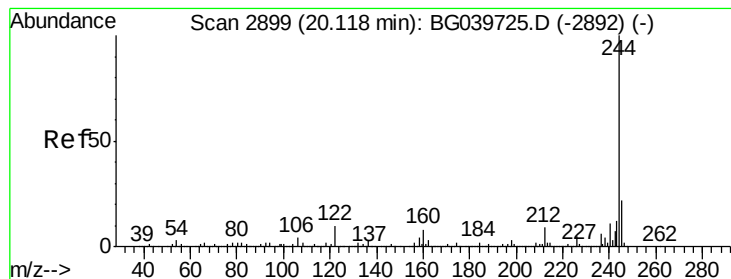


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.657 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

Instrument :

BNA_G

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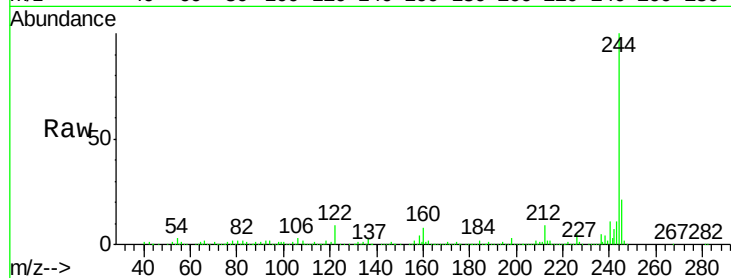
Tgt Ion:244 Resp: 954107

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

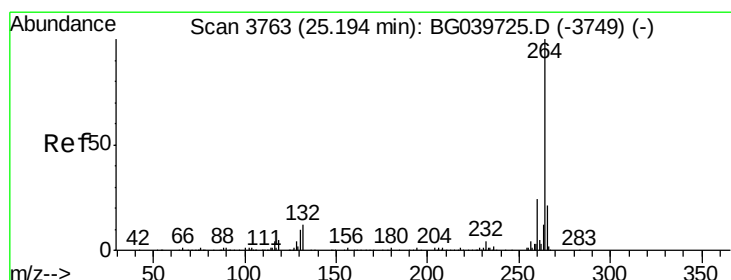
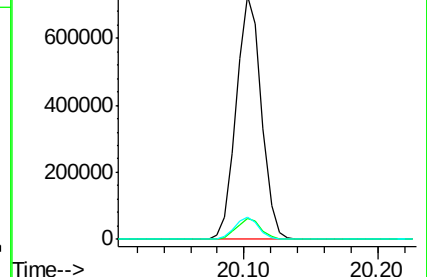
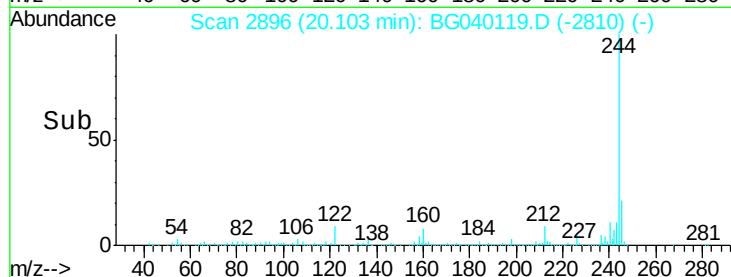
122 9.1 8.4 12.6



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: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040119.D

Acq: 25 Mar 2019 16:12

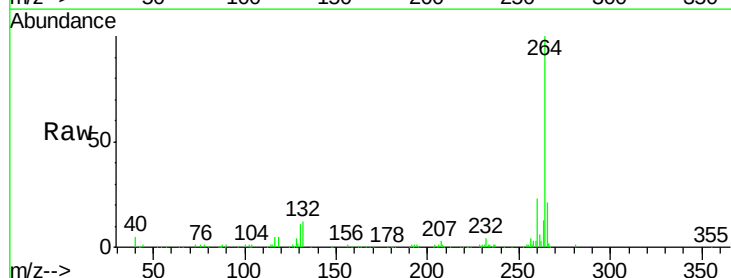
Tgt Ion:264 Resp: 271444

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 20.7 18.5 27.7



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

