

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040064.D
 Acq On : 21 Mar 2019 11:06
 Operator : JU/SJ
 Sample : PB118109BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BL

Quant Time: Mar 21 12:08:38 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	38376	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	166708	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	119341	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	312655	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	322573	20.00	ng	-0.03
87) Perylene-d12	25.16	264	318422	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	212067	94.27	ng	-0.02
7) Phenol-d6	7.29	99	304072	90.66	ng	-0.02
23) Nitrobenzene-d5	9.32	82	179269	58.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	80145	57.62	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	480590	57.34	ng	-0.02
79) Terphenyl-d14	20.11	244	858217	58.58	ng	-0.02

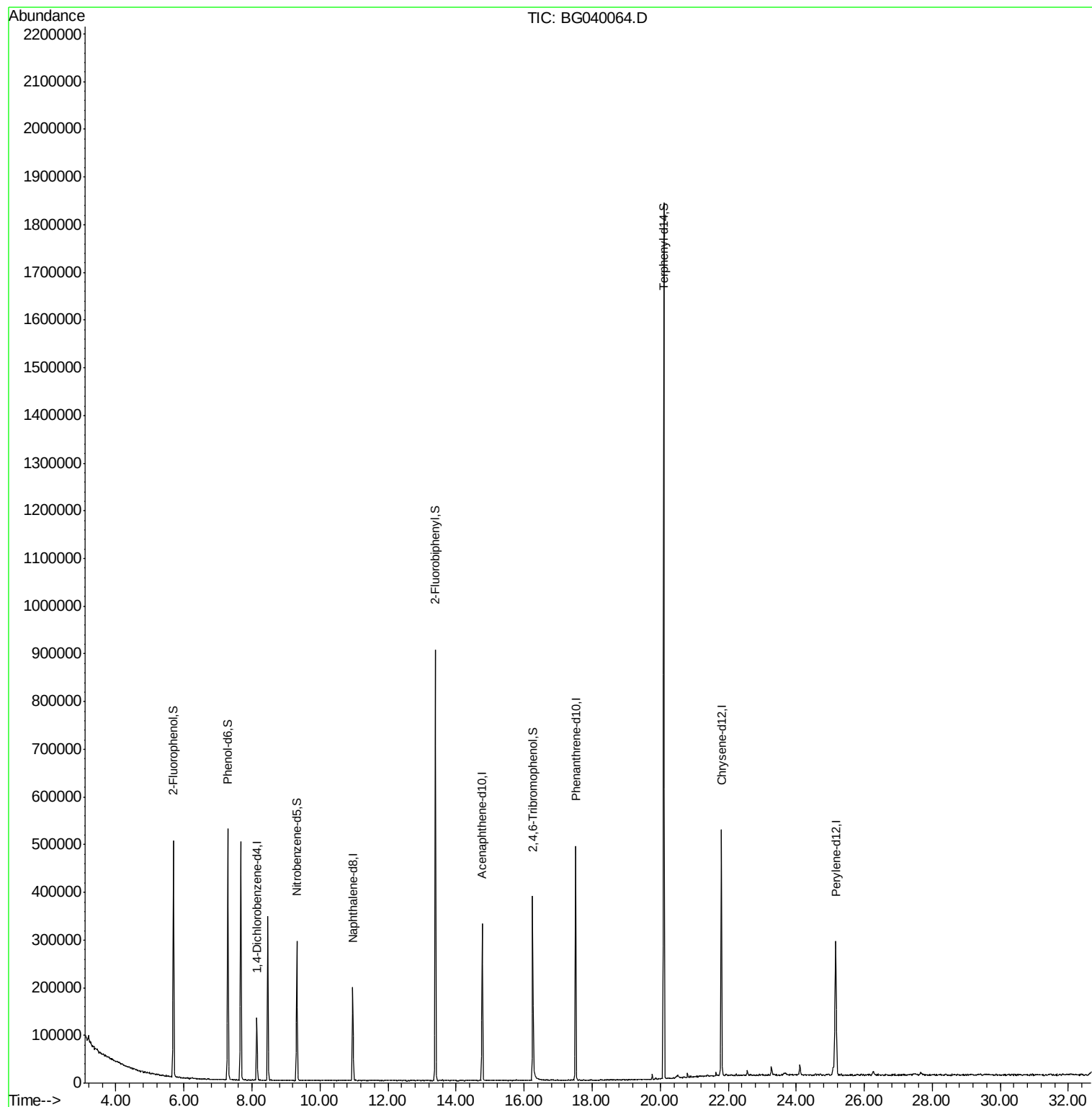
Target Compounds	Qvalue
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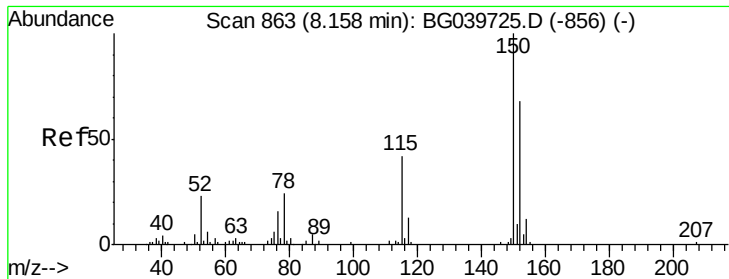
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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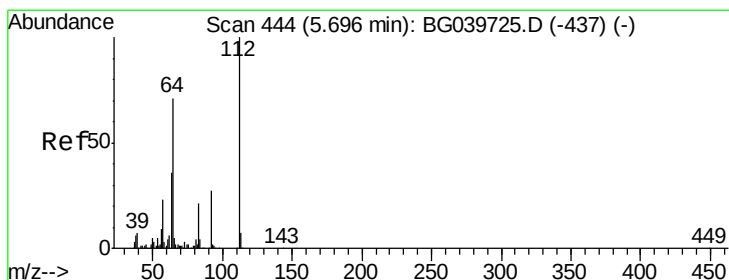
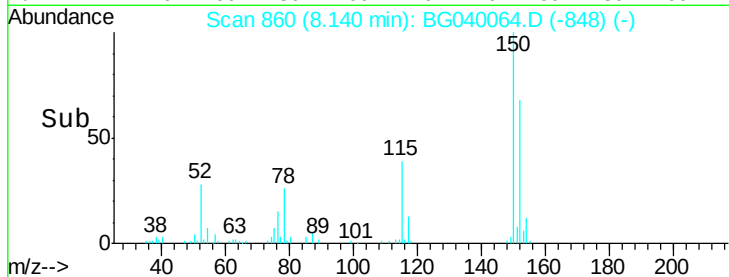
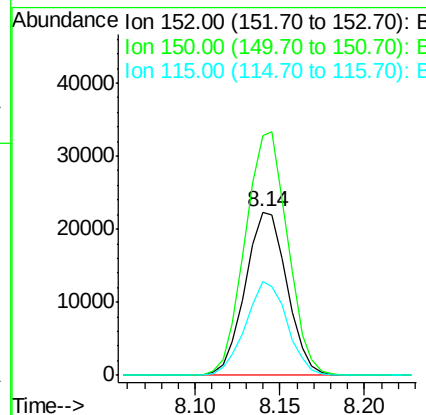
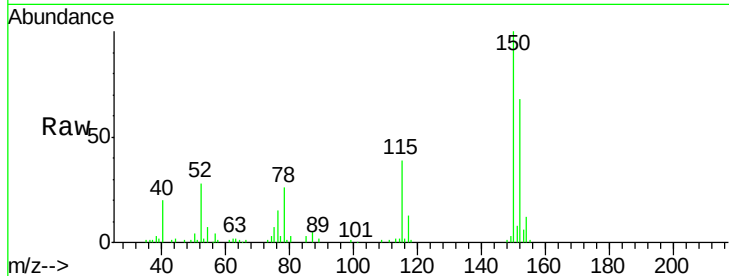


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BG040064.D
 Acq: 21 Mar 2019 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BL

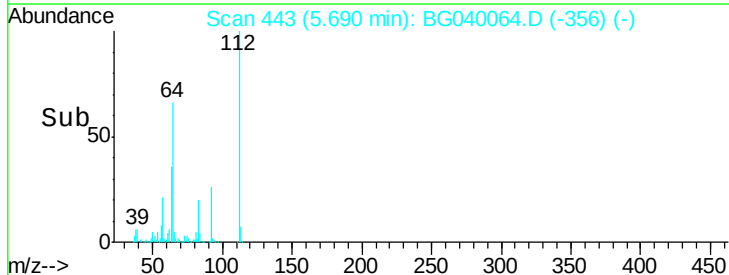
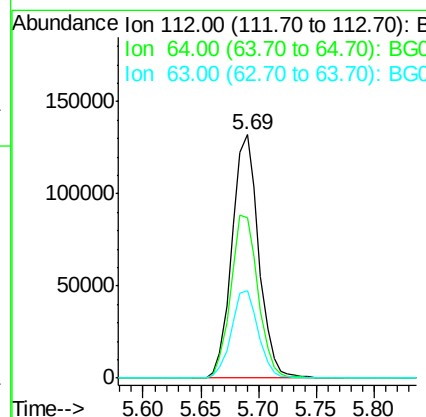
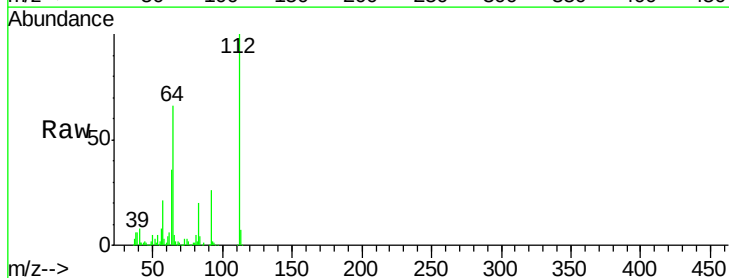
Tgt Ion:152 Resp: 38376
 Ion Ratio Lower Upper
 152 100
 150 147.1 123.7 185.5
 115 57.6 45.9 68.9

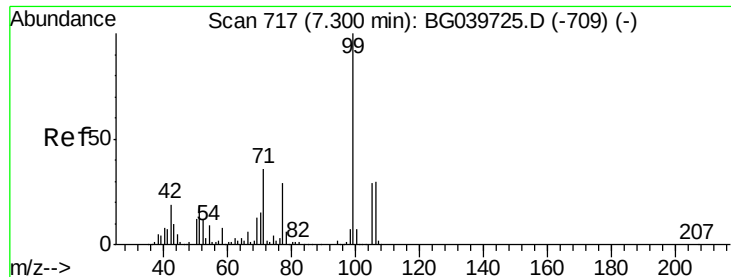


#5

2-Fluorophenol
 Concen: 94.275 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040064.D
 Acq: 21 Mar 2019 11:06

Tgt Ion:112 Resp: 212067
 Ion Ratio Lower Upper
 112 100
 64 65.9 57.8 86.8
 63 35.7 29.8 44.6





#7

Phenol-d6

Concen: 90.657 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040064.D

Acq: 21 Mar 2019 11:06

Instrument :

BNA_G

ClientSampleId :

PB118109BL

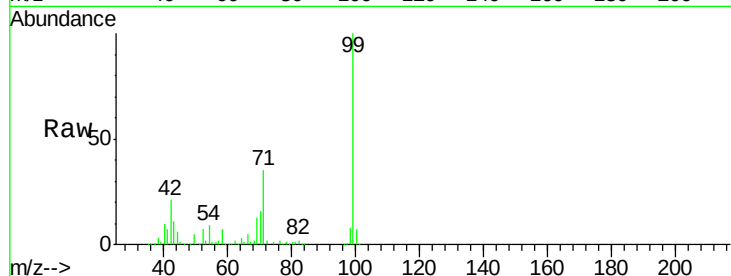
Tgt Ion: 99 Resp: 304072

Ion Ratio Lower Upper

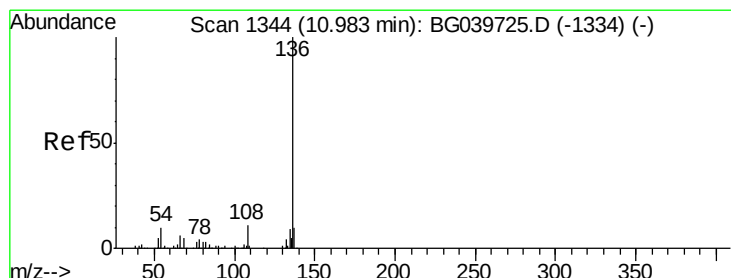
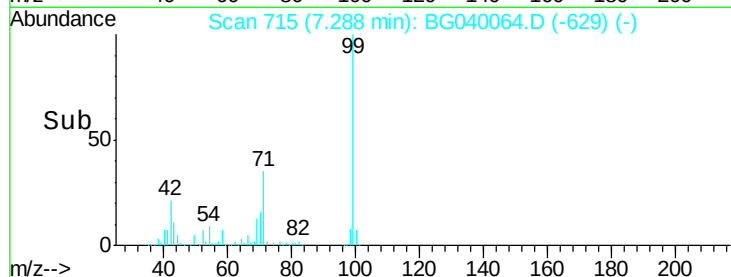
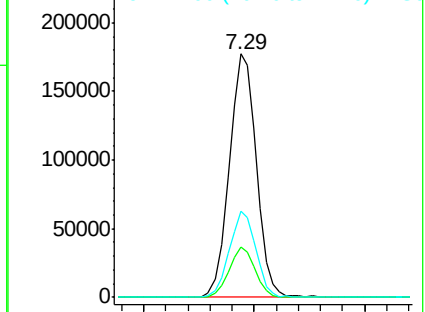
99 100

42 20.6 18.2 27.2

71 35.2 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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040064.D

Acq: 21 Mar 2019 11:06

Tgt Ion: 136 Resp: 166708

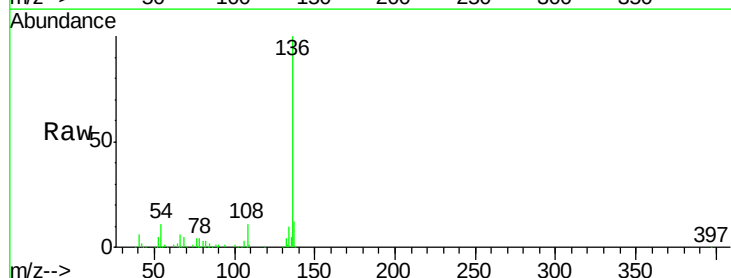
Ion Ratio Lower Upper

136 100

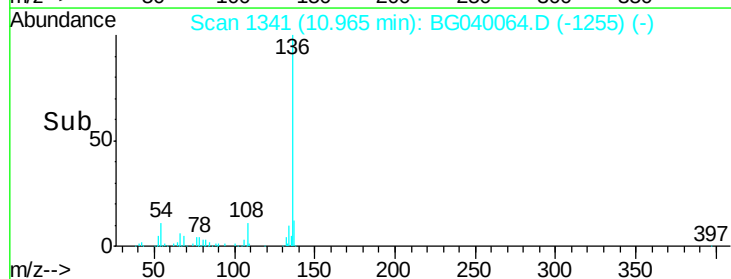
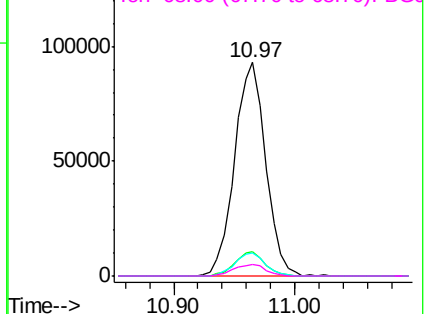
137 11.5 9.1 13.7

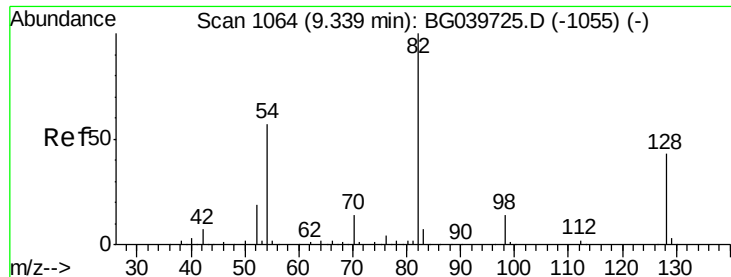
54 10.8 9.4 14.2

68 5.2 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

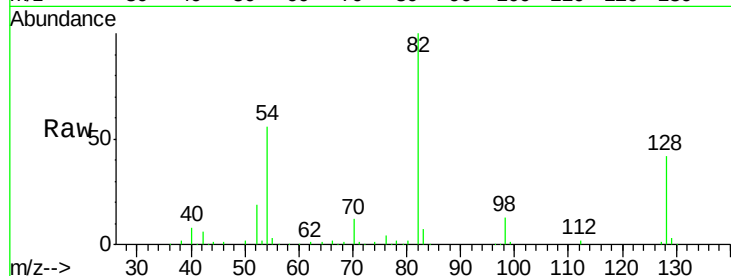




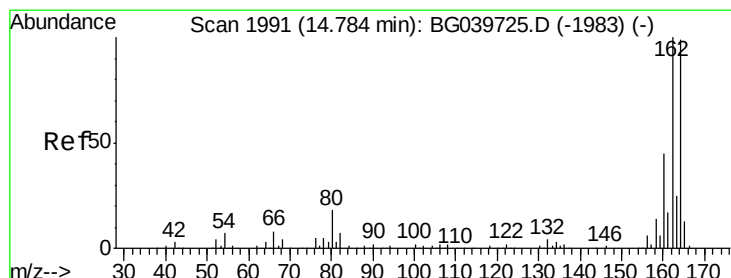
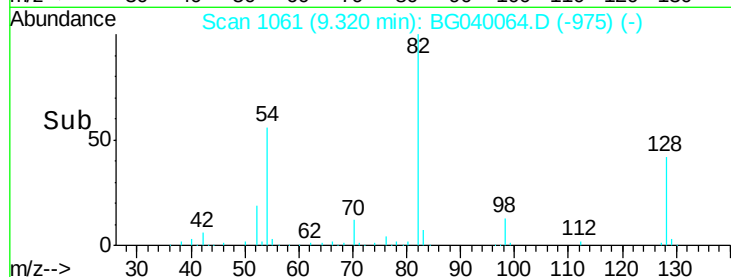
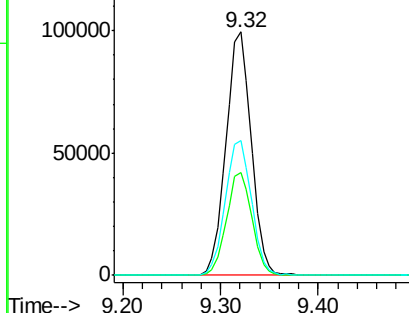
#23
 Nitrobenzene-d5
 Concen: 58.159 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040064.D
 Acq: 21 Mar 2019 11:06

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BL

Tgt Ion: 82 Resp: 179269
 Ion Ratio Lower Upper
 82 100
 128 42.4 31.3 46.9
 54 55.6 50.9 76.3

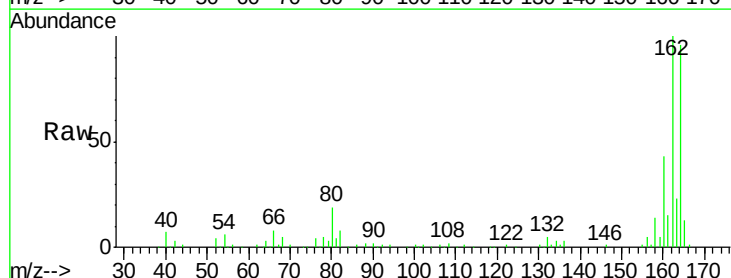


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

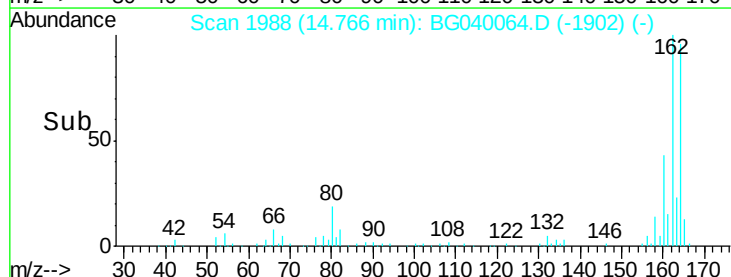
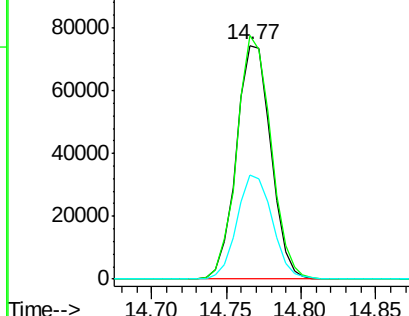


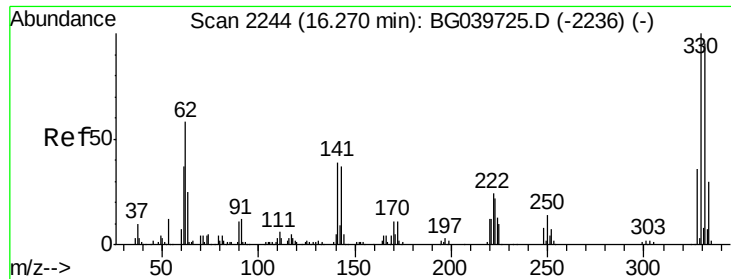
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040064.D
 Acq: 21 Mar 2019 11:06

Tgt Ion: 164 Resp: 119341
 Ion Ratio Lower Upper
 164 100
 162 104.3 81.6 122.4
 160 44.5 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: 57.617 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040064.D

Acq: 21 Mar 2019 11:06

Instrument :

BNA_G

ClientSampleId :

PB118109BL

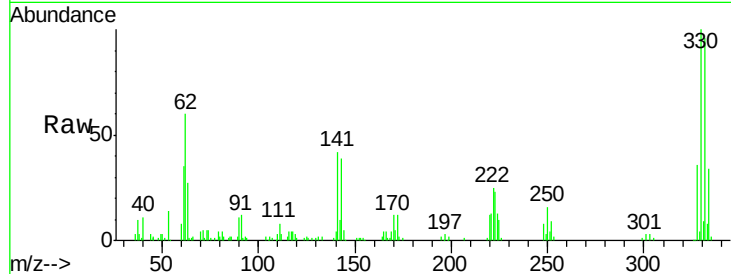
Tgt Ion:330 Resp: 80145

Ion Ratio Lower Upper

330 100

332 98.2 75.7 113.5

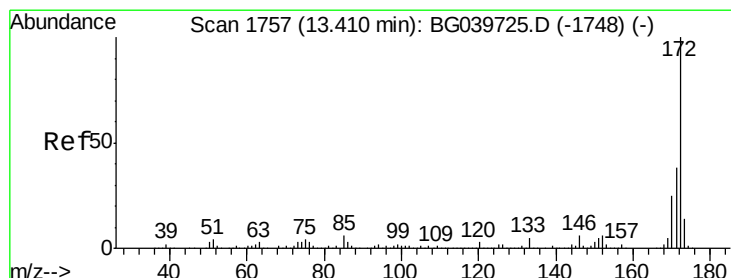
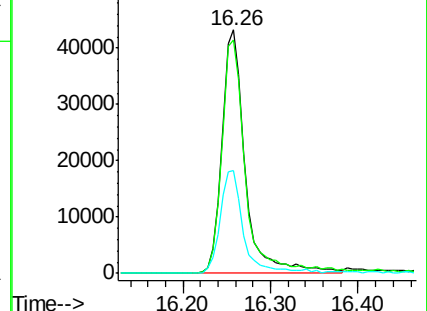
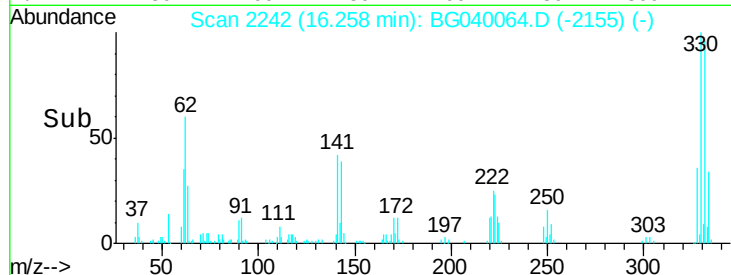
141 40.9 35.6 53.4



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: 57.338 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040064.D

Acq: 21 Mar 2019 11:06

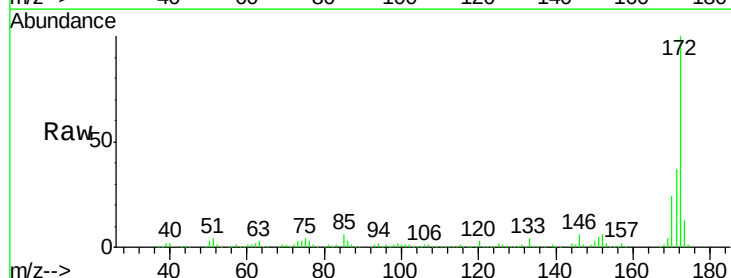
Tgt Ion:172 Resp: 480590

Ion Ratio Lower Upper

172 100

171 36.8 30.8 46.2

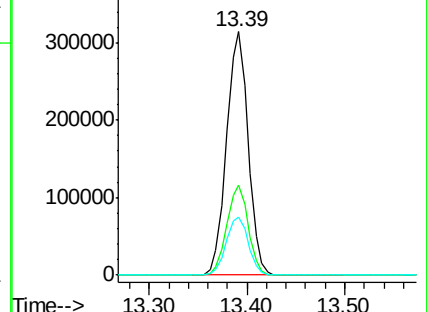
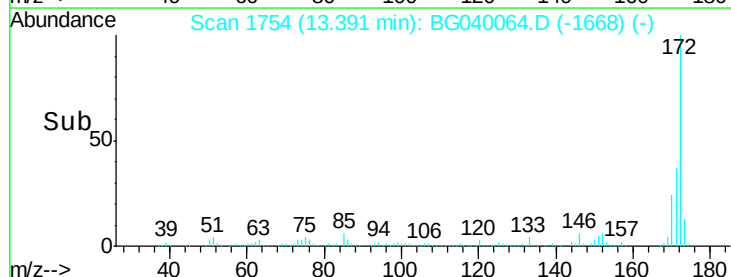
170 23.8 20.2 30.4

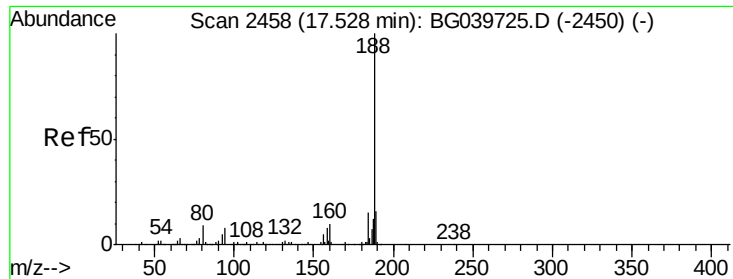


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040064.D

Acq: 21 Mar 2019 11:06

Instrument :

BNA_G

ClientSampled :

PB118109BL

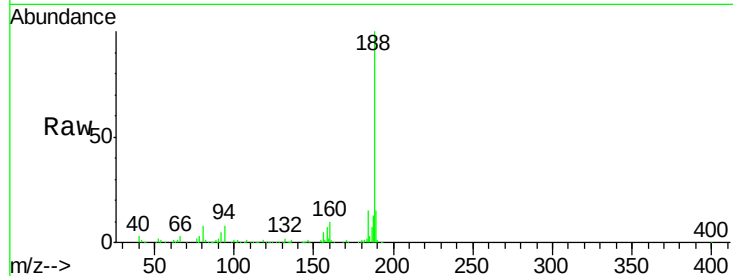
Tgt Ion:188 Resp: 312655

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

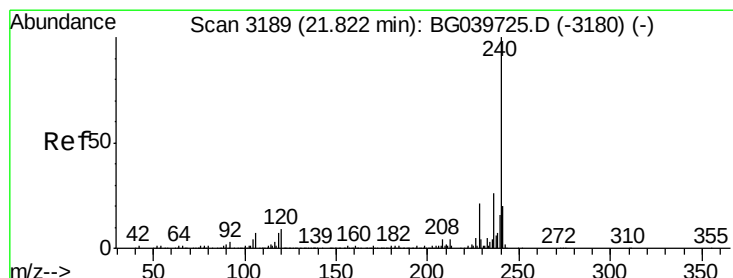
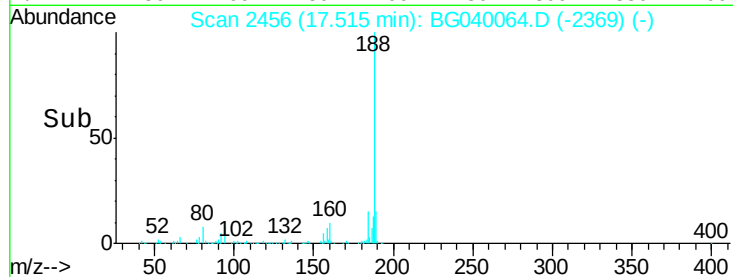
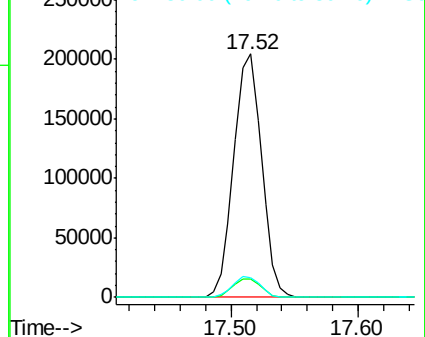
80 7.9 8.1 12.1#



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040064.D

Acq: 21 Mar 2019 11:06

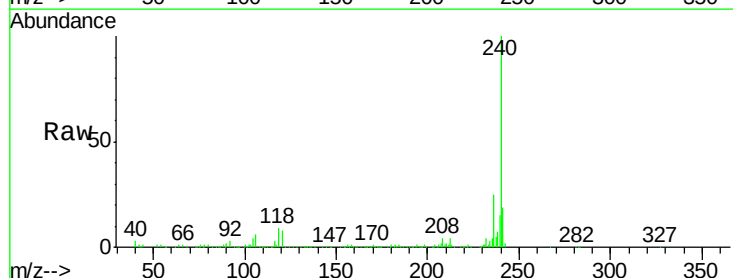
Tgt Ion:240 Resp: 322573

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

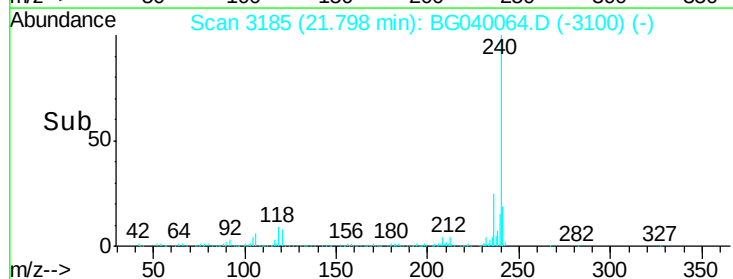
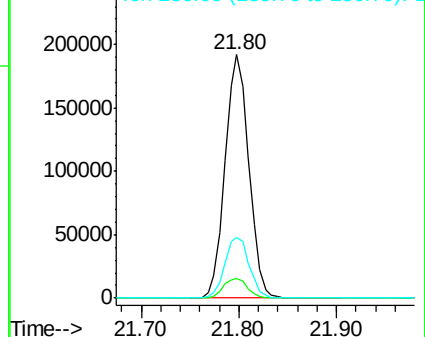
236 25.0 21.0 31.4

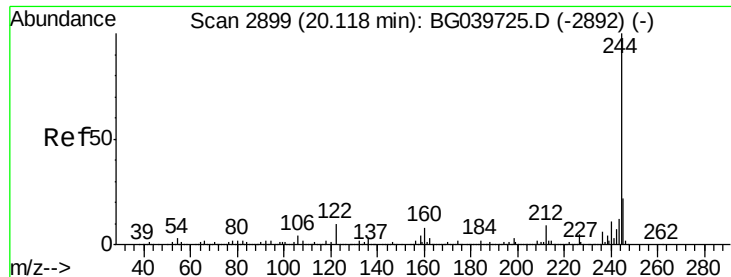


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.580 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040064.D

Acq: 21 Mar 2019 11:06

Instrument :

BNA_G

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PB118109BL

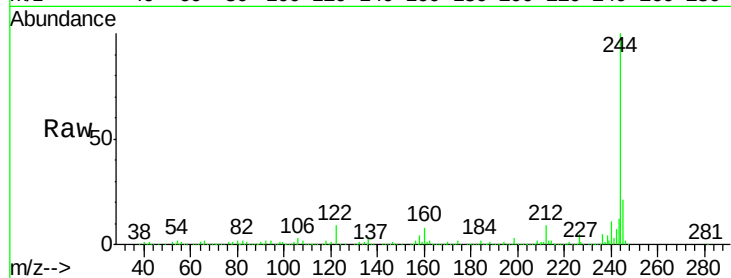
Tgt Ion:244 Resp: 858217

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

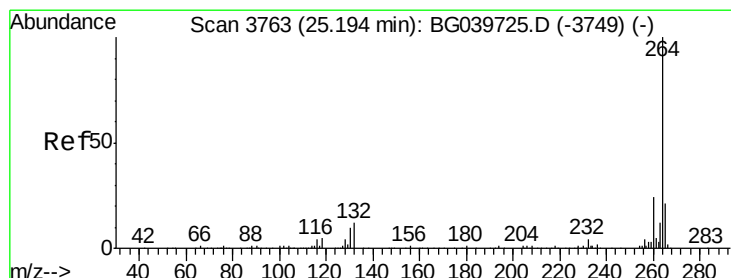
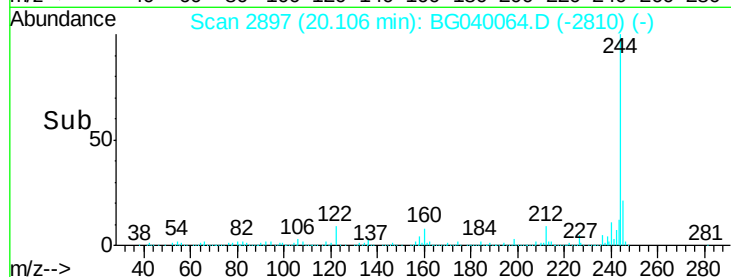
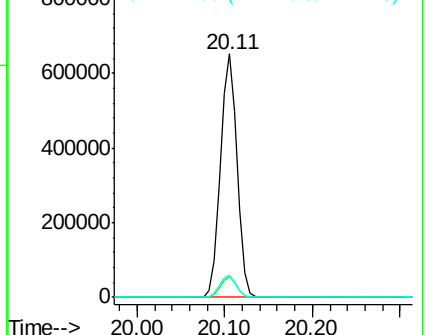
122 8.9 8.4 12.6



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040064.D

Acq: 21 Mar 2019 11:06

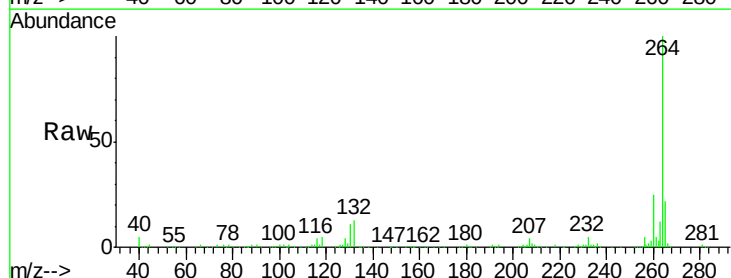
Tgt Ion:264 Resp: 318422

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 21.7 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

