

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
 Data File : BG040368.D
 Acq On : 4 Apr 2019 20:38
 Operator : JU/SJ
 Sample : PB118610BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BL

Quant Time: Apr 05 02:29:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60502	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	236979	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	144228	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	354510	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	407996	20.00	ng	-0.03
87) Perylene-d12	24.97	264	406285	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	349784	96.11	ng	-0.02
7) Phenol-d6	7.20	99	483986	96.23	ng	-0.02
23) Nitrobenzene-d5	9.22	82	277317	62.20	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	156913	100.67	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	651289	66.91	ng	-0.03
79) Terphenyl-d14	20.02	244	1083949	59.77	ng	-0.03

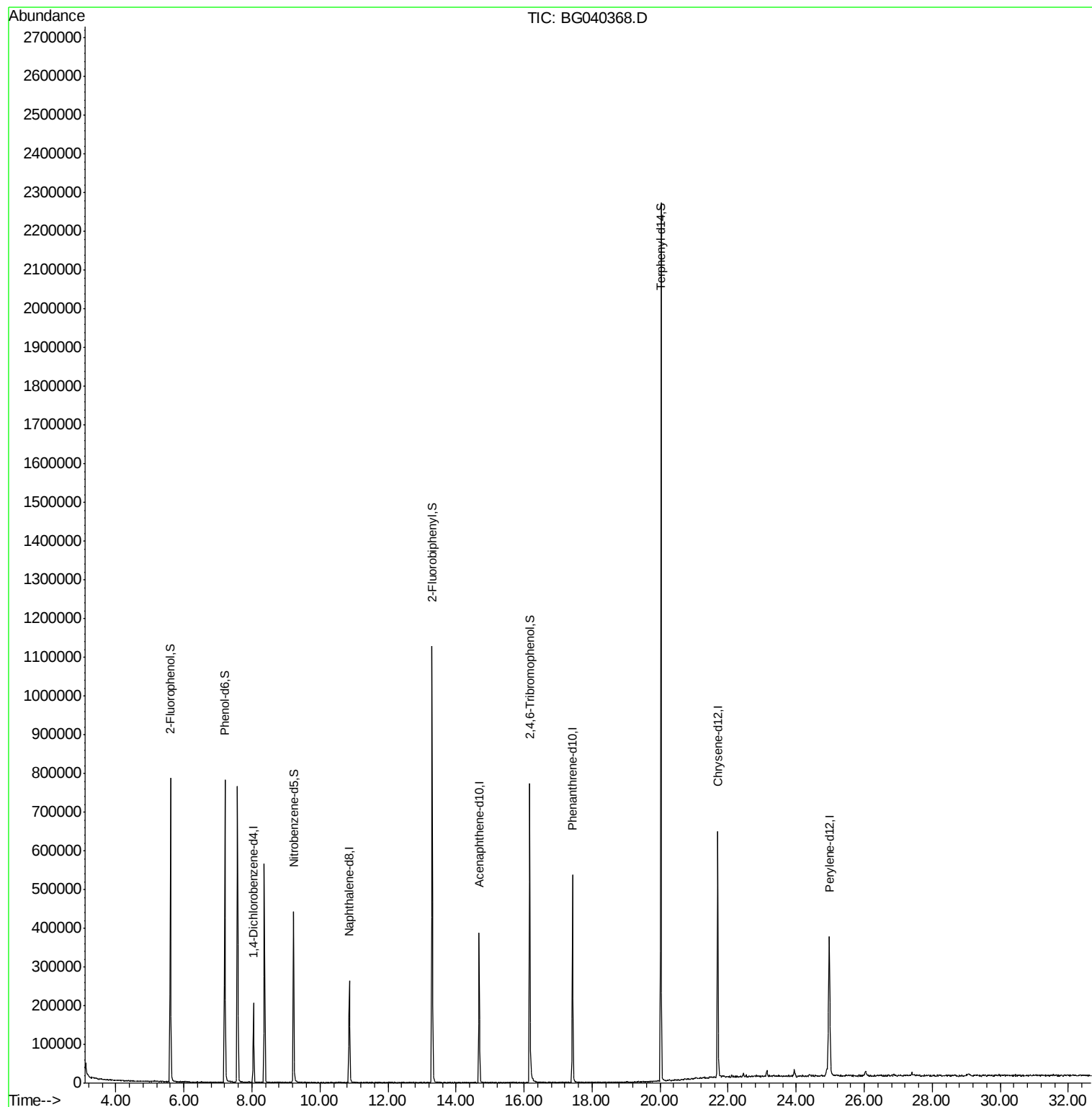
Target Compounds	Qvalue
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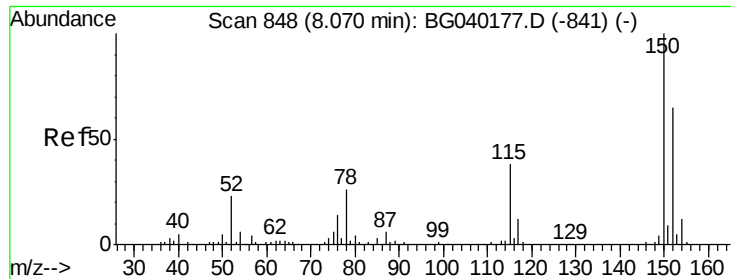
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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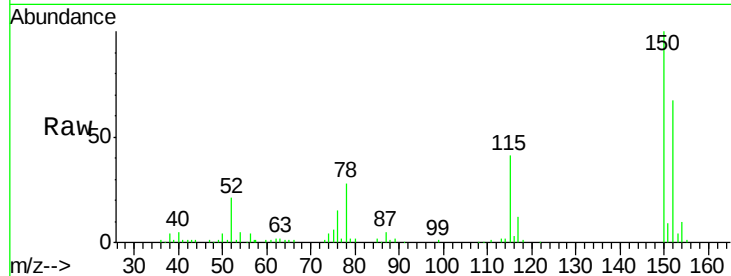


#1

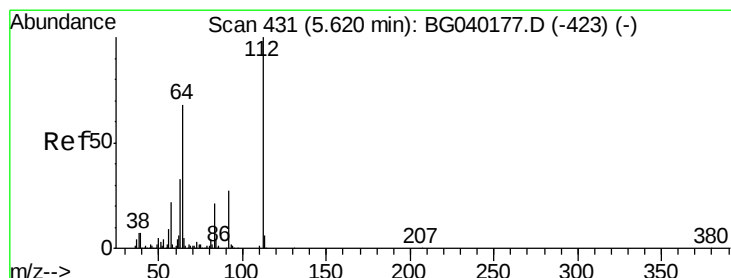
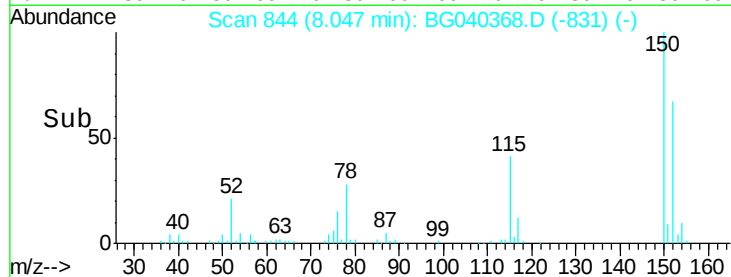
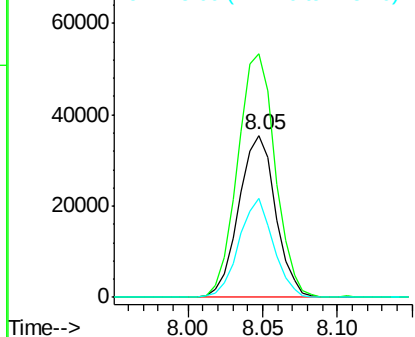
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG040368.D
 Acq: 4 Apr 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BL

Tgt Ion:152 Resp: 60502
 Ion Ratio Lower Upper
 152 100
 150 150.3 123.7 185.5
 115 61.1 46.9 70.3



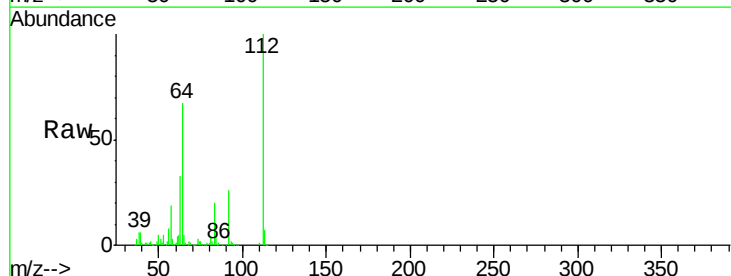
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



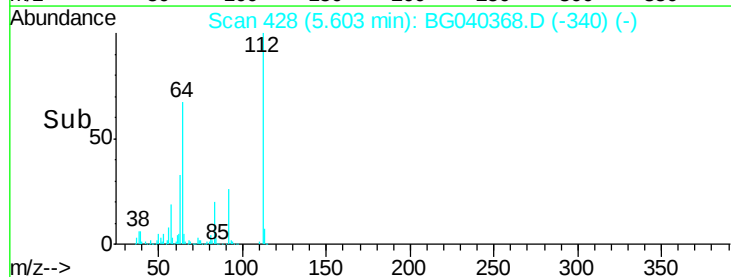
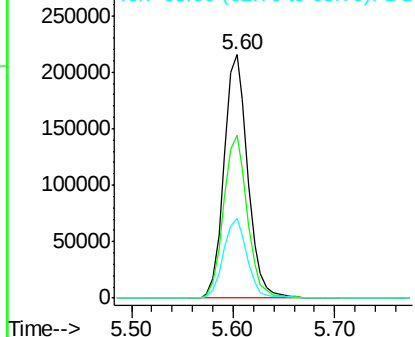
#5

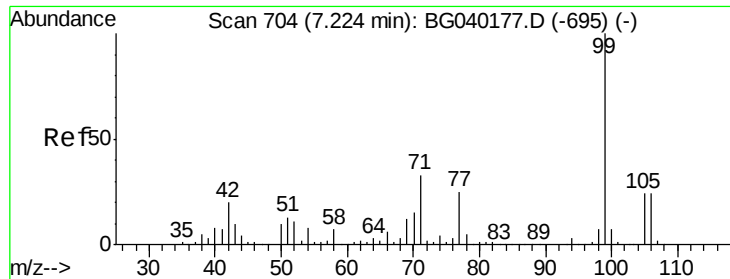
2-Fluorophenol
 Concen: 96.110 ng
 RT: 5.60 min Scan# 428
 Delta R.T. -0.02 min
 Lab File: BG040368.D
 Acq: 4 Apr 2019 20:38

Tgt Ion:112 Resp: 349784
 Ion Ratio Lower Upper
 112 100
 64 66.9 54.2 81.2
 63 32.9 26.4 39.6



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





#7

Phenol-d6

Concen: 96.225 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB118610BL

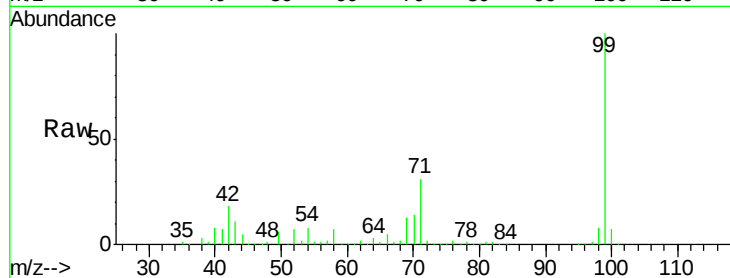
Tgt Ion: 99 Resp: 483986

Ion Ratio Lower Upper

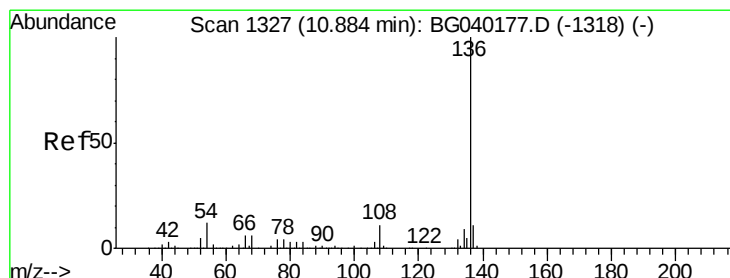
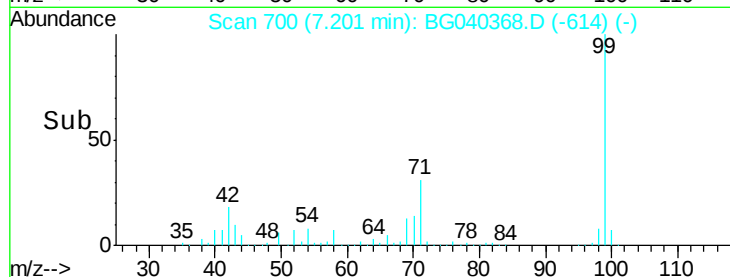
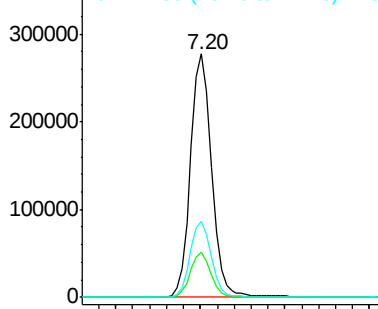
99 100

42 18.4 16.2 24.2

71 31.1 26.8 40.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

Tgt Ion: 136 Resp: 236979

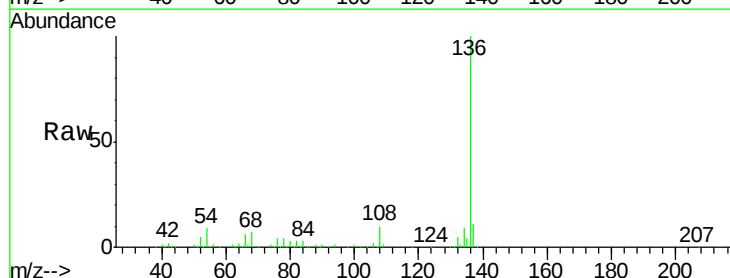
Ion Ratio Lower Upper

136 100

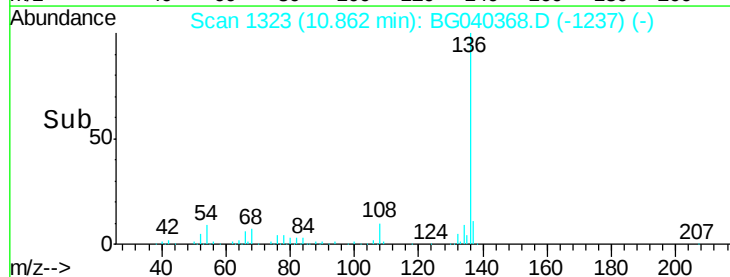
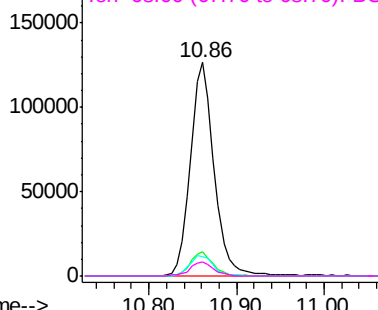
137 11.2 8.9 13.3

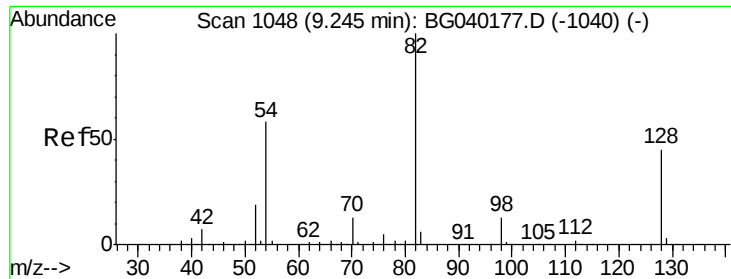
54 9.3 9.6 14.4#

68 6.7 5.1 7.7



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

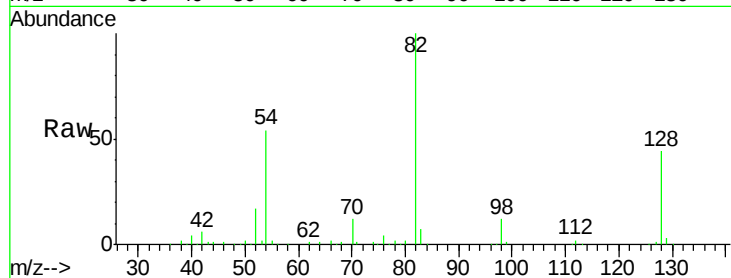




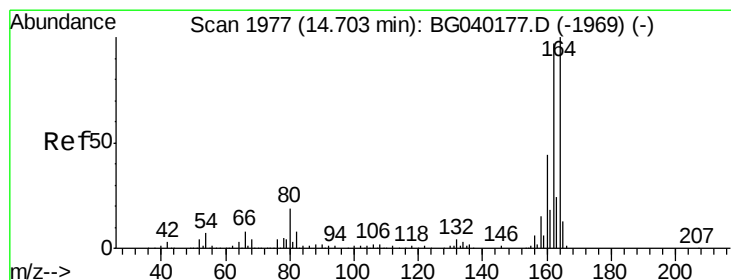
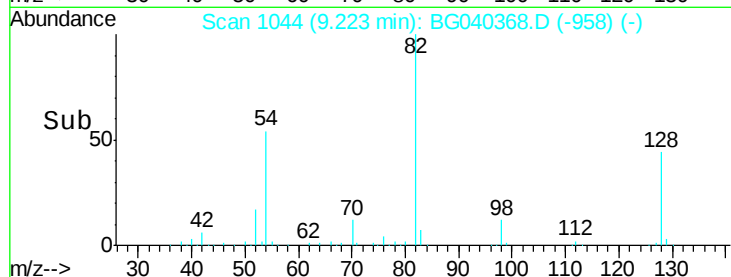
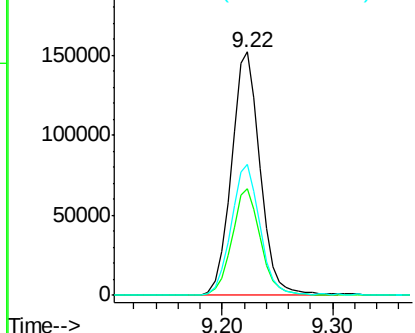
#23
 Nitrobenzene-d5
 Concen: 62.201 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040368.D
 Acq: 4 Apr 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118610BL

Tgt Ion: 82 Resp: 277317
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.8 53.8
 54 53.6 46.2 69.2

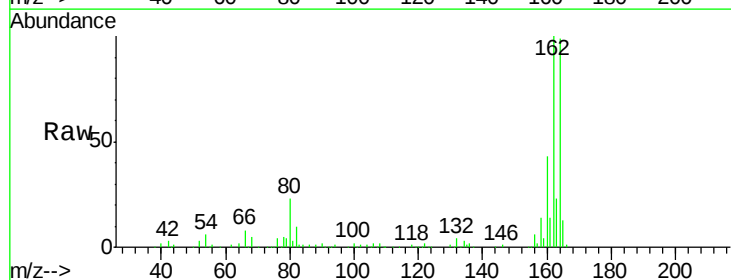


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

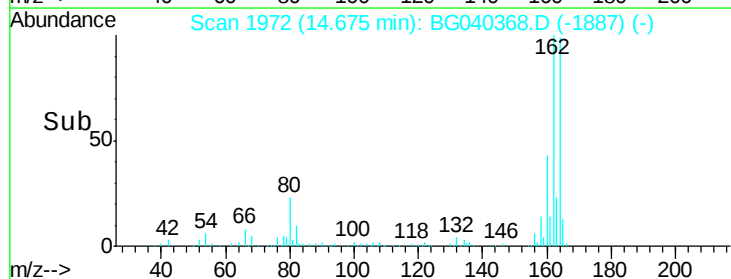
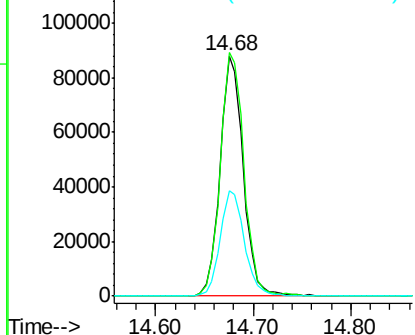


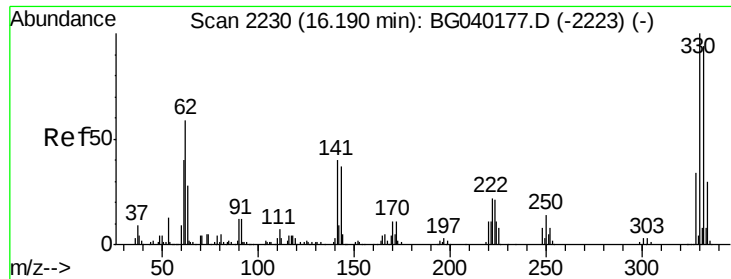
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040368.D
 Acq: 4 Apr 2019 20:38

Tgt Ion: 164 Resp: 144228
 Ion Ratio Lower Upper
 164 100
 162 101.5 77.4 116.2
 160 43.9 35.3 52.9



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: 100.667 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB118610BL

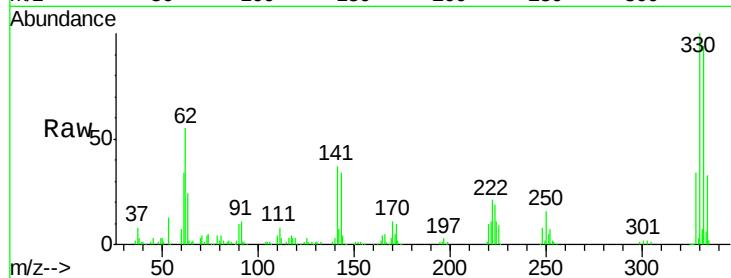
Tgt Ion:330 Resp: 156913

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

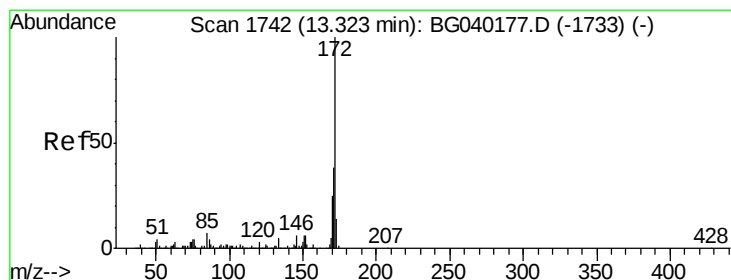
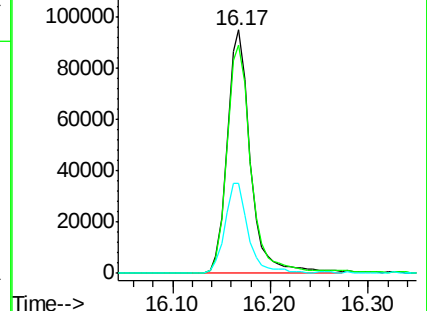
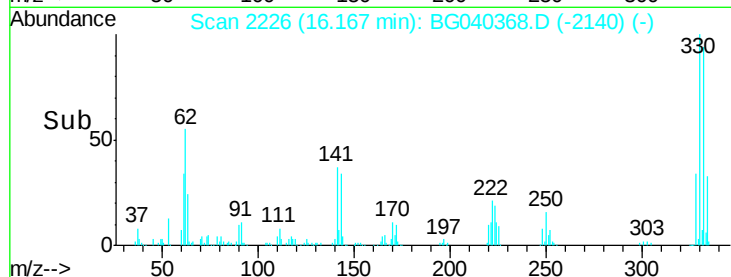
141 37.2 32.6 48.8



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



#45

2-Fluorobiphenyl

Concen: 66.912 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

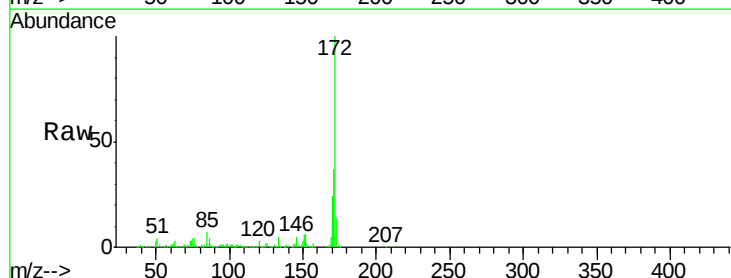
Tgt Ion:172 Resp: 651289

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

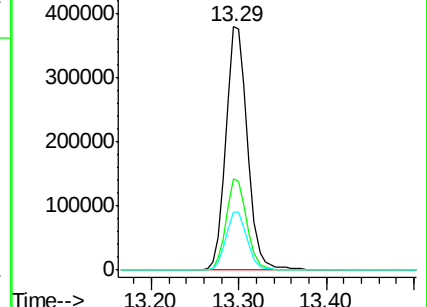
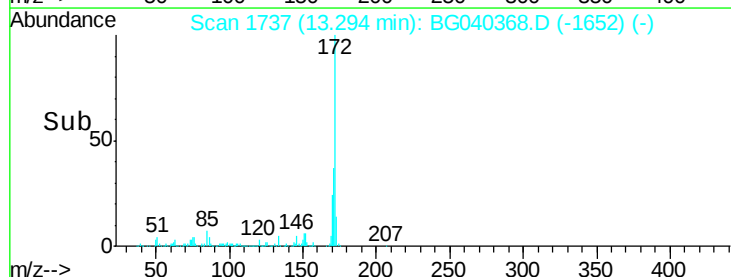
170 24.0 20.1 30.1

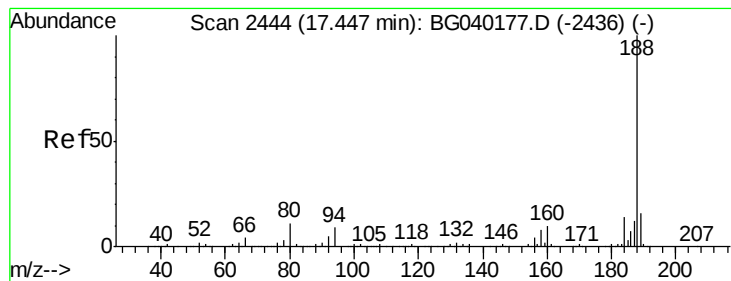


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB118610BL

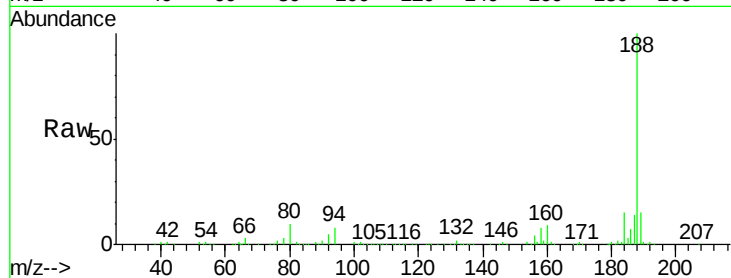
Tgt Ion:188 Resp: 354510

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

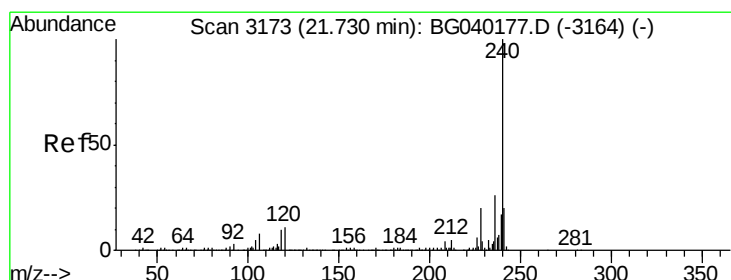
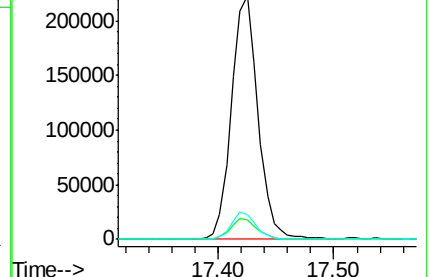
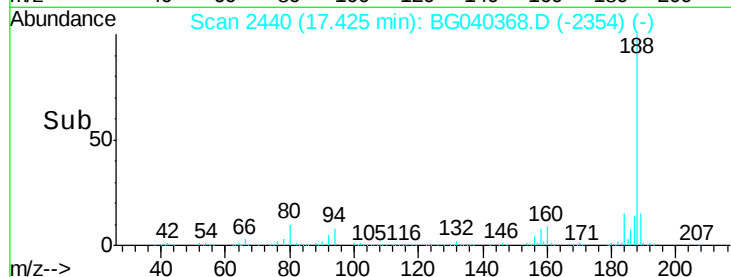
80 10.2 8.6 13.0



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: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

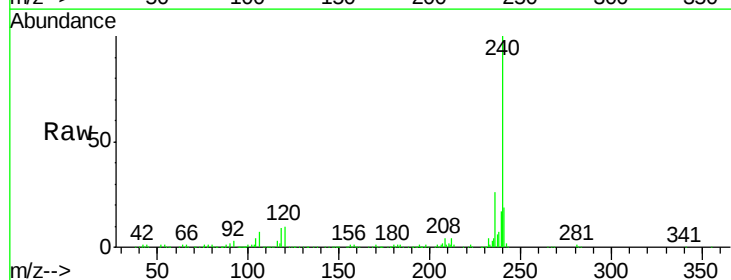
Tgt Ion:240 Resp: 407996

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

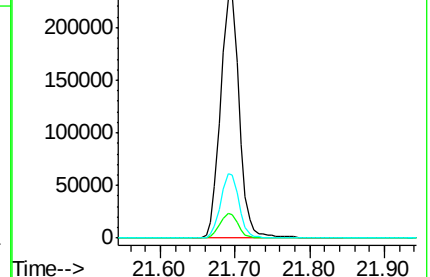
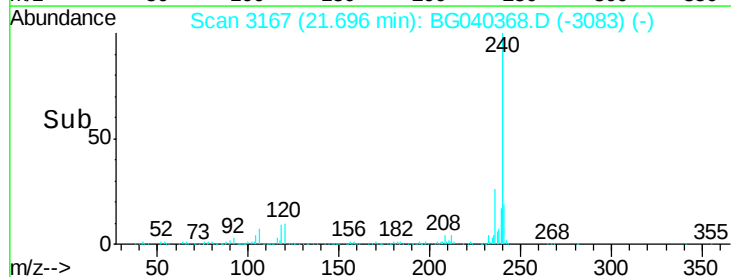
236 26.1 20.8 31.2

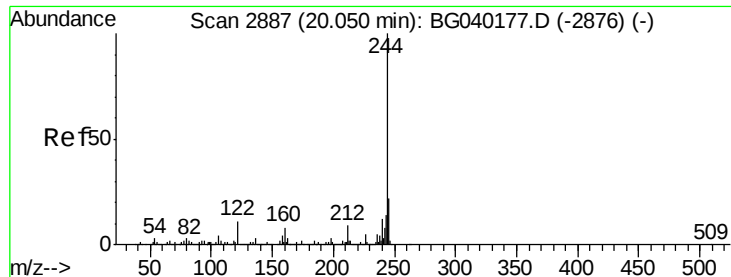


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.768 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

Instrument :

BNA_G

ClientSampleId :

PB118610BL

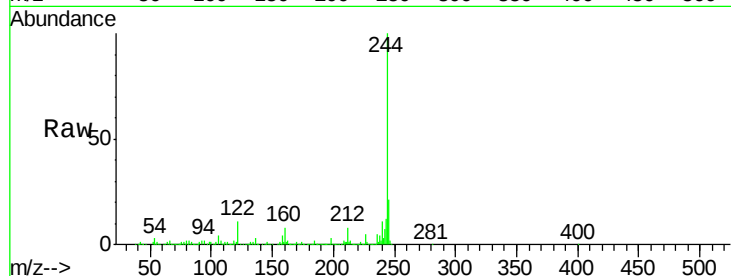
Tgt Ion:244 Resp: 1083949

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

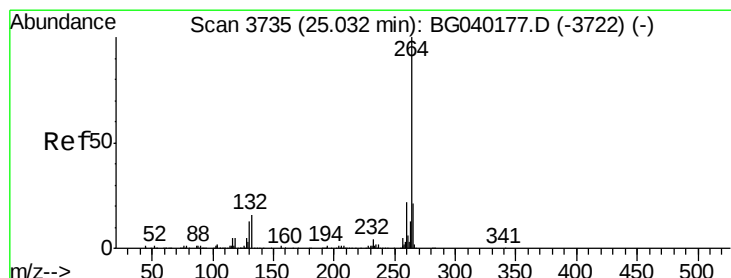
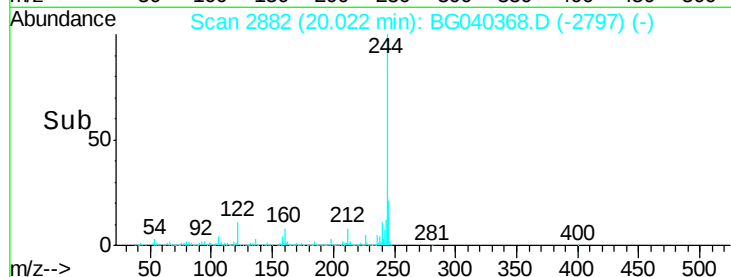
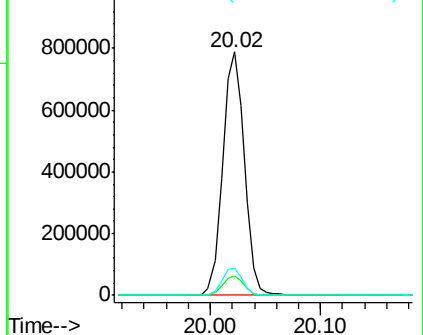
122 11.1 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040368.D

Acq: 4 Apr 2019 20:38

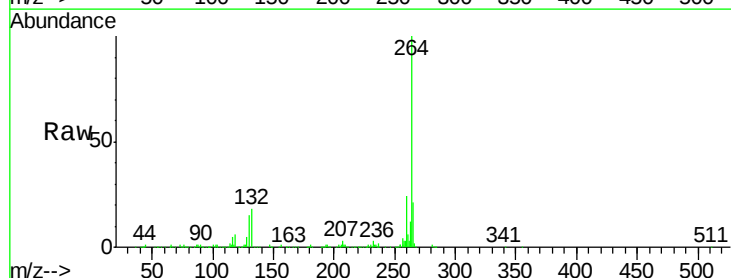
Tgt Ion:264 Resp: 406285

Ion Ratio Lower Upper

264 100

260 23.9 17.9 26.9

265 21.3 16.8 25.2



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

