

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
 Data File : BG040457.D
 Acq On : 12 Apr 2019 12:07
 Operator : JU/SJ
 Sample : PB118819BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BL

Quant Time: Apr 12 23:53:39 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	8.04	152	49521	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	202001	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	128146	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	356893	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	392242	20.00	ng	-0.04
87) Perylene-d12	24.97	264	382455	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	307125	103.10	ng	-0.02
7) Phenol-d6	7.20	99	427318	103.80	ng	-0.03
23) Nitrobenzene-d5	9.22	82	247439	65.11	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	150379	108.58	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	594675	68.76	ng	-0.03
79) Terphenyl-d14	20.02	244	1117865	64.11	ng	-0.03

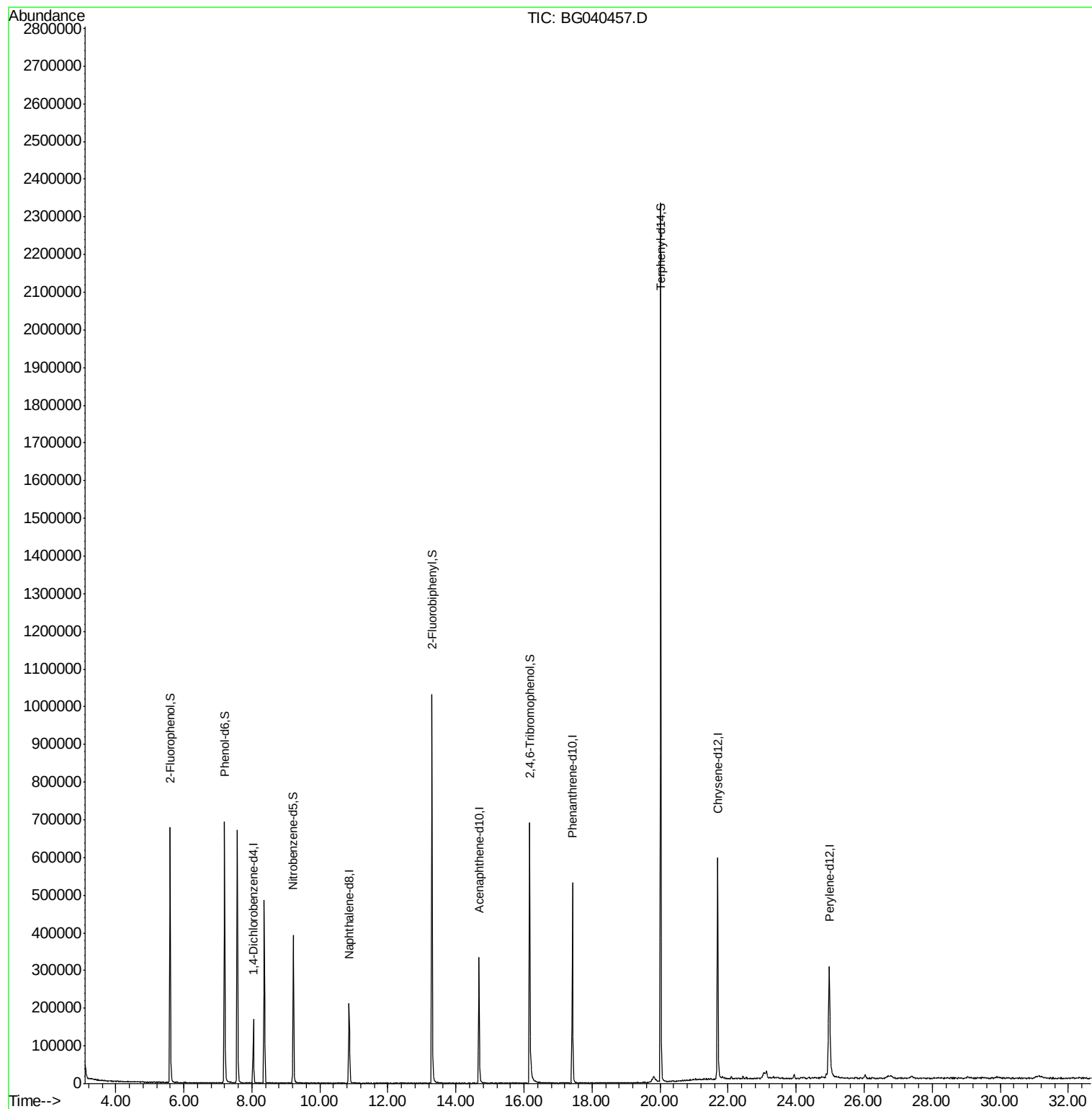
Target Compounds	Qvalue
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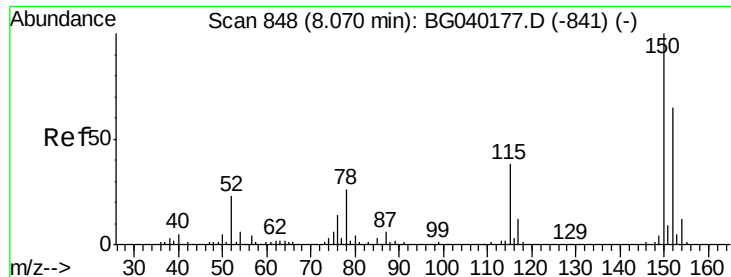
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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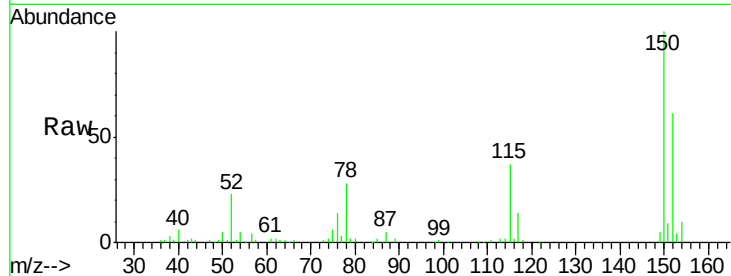


#1

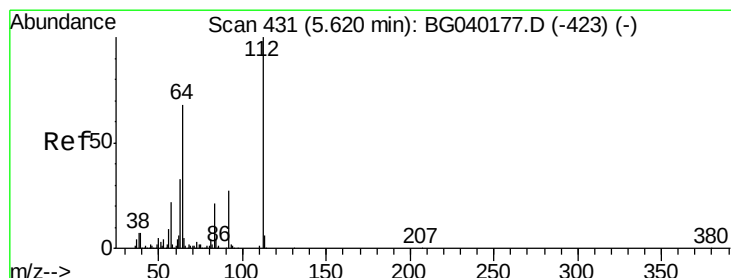
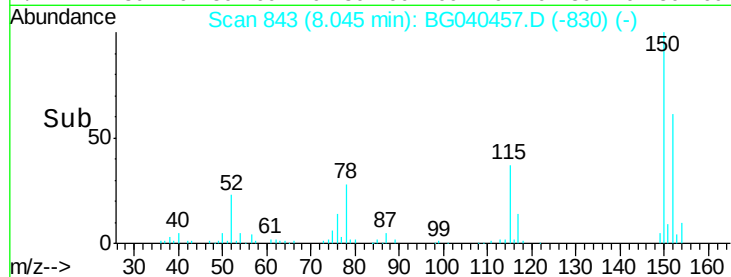
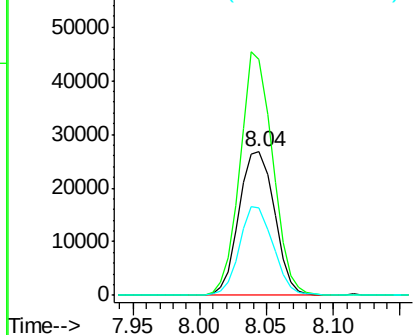
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PB118819BL

Tgt Ion:152 Resp: 49521
Ion Ratio Lower Upper
152 100
150 164.5 123.7 185.5
115 61.1 46.9 70.3



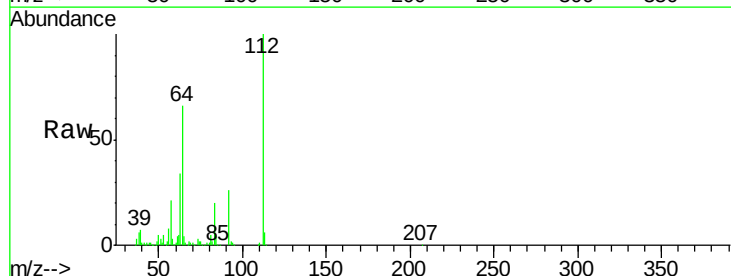
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



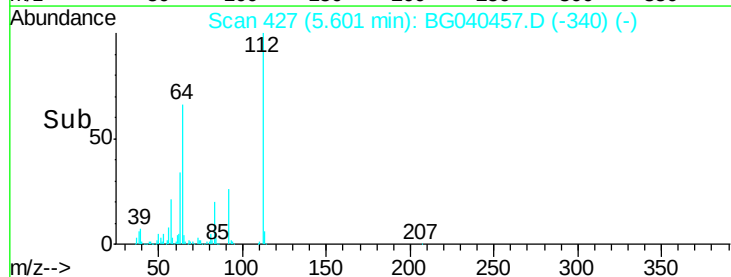
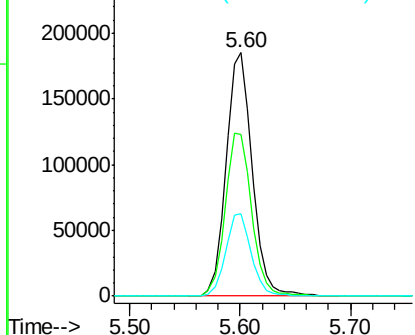
#5

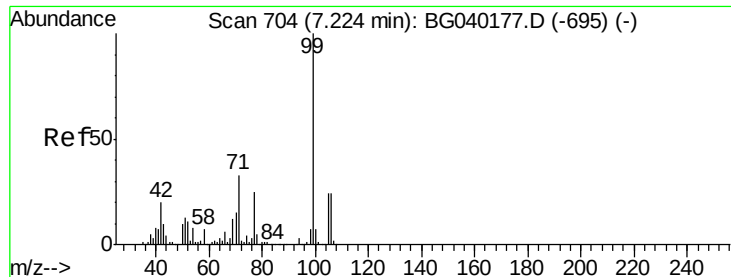
2-Fluorophenol
Concen: 103.101 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Tgt Ion:112 Resp: 307125
Ion Ratio Lower Upper
112 100
64 66.2 54.2 81.2
63 34.0 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: 103.798 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

PB118819BL

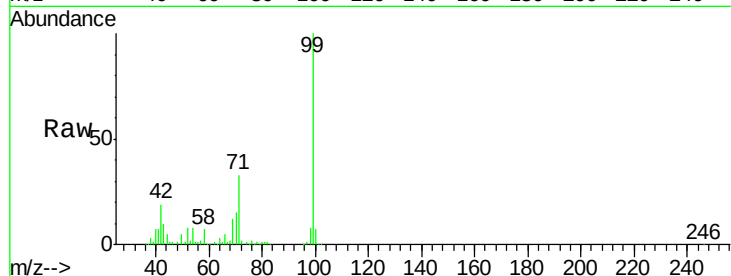
Tgt Ion: 99 Resp: 427318

Ion Ratio Lower Upper

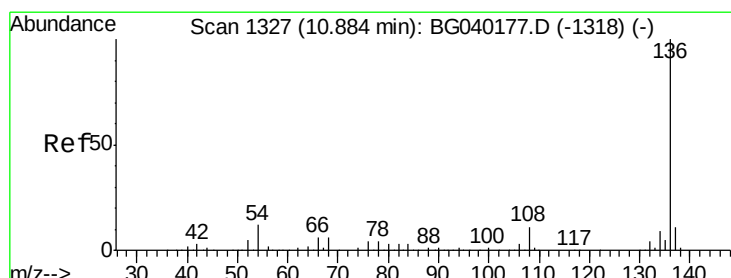
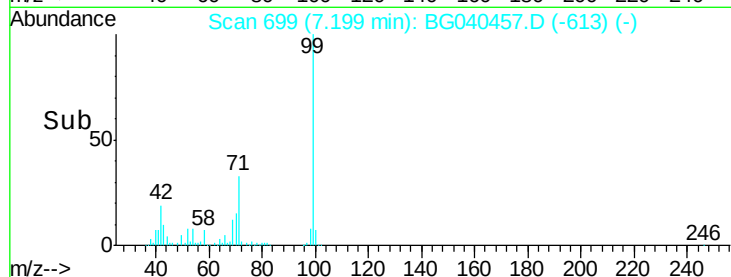
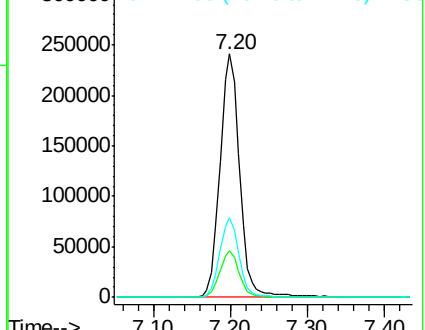
99 100

42 18.9 16.2 24.2

71 32.7 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# 1322

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Tgt Ion: 136 Resp: 202001

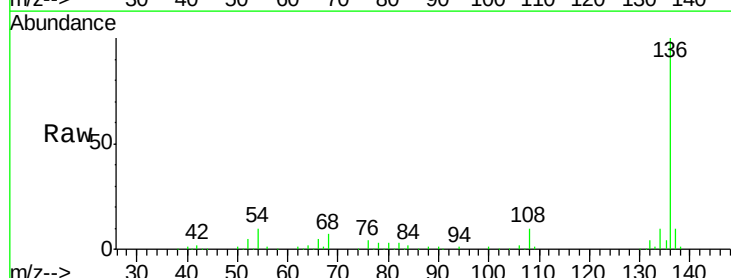
Ion Ratio Lower Upper

136 100

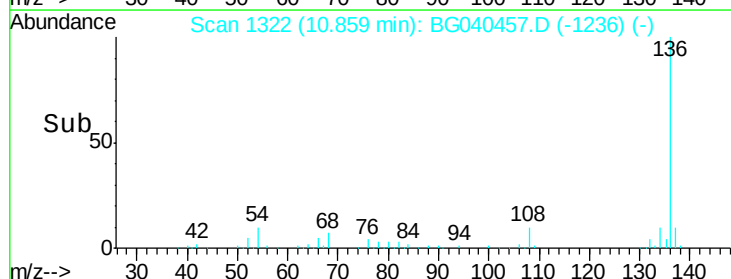
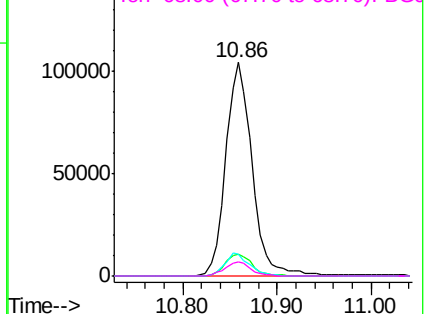
137 10.0 8.9 13.3

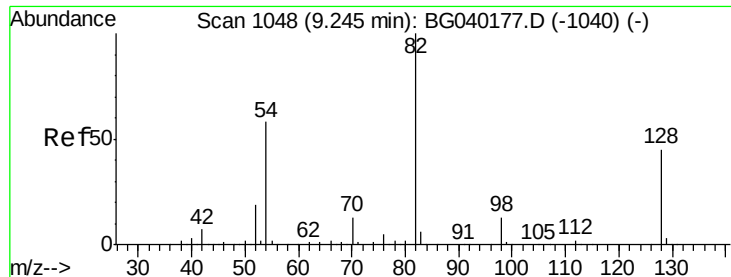
54 10.2 9.6 14.4

68 6.5 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

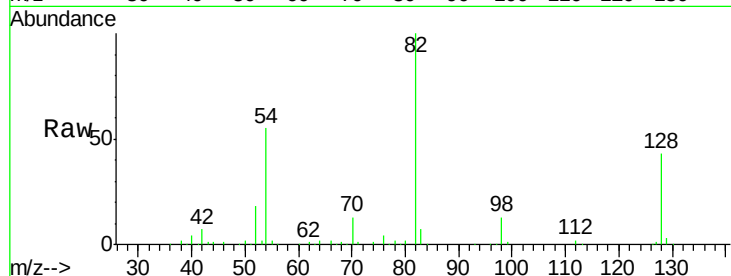




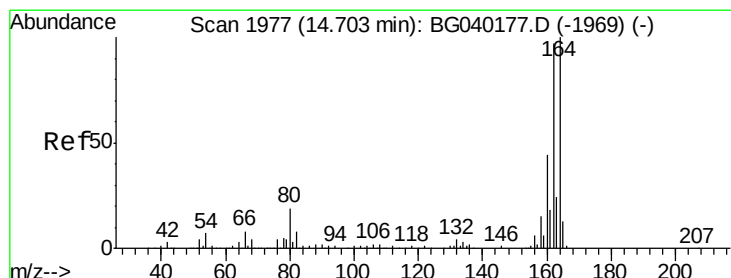
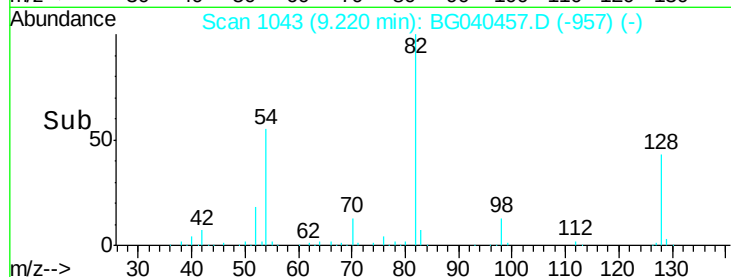
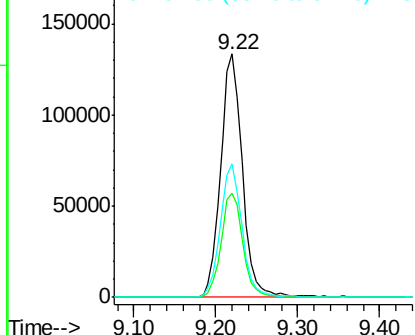
#23
 Nitrobenzene-d5
 Concen: 65.110 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Instrument :
 BNA_G
 ClientSampleId :
 PB118819BL

Tgt Ion: 82 Resp: 247439
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.8 53.8
 54 54.6 46.2 69.2

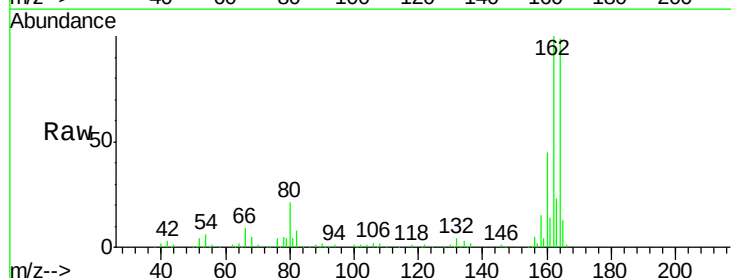


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

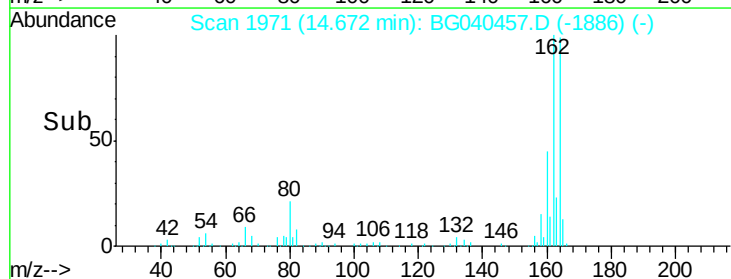
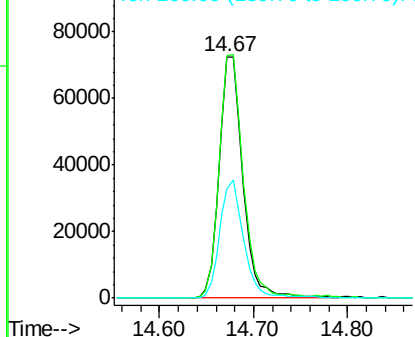


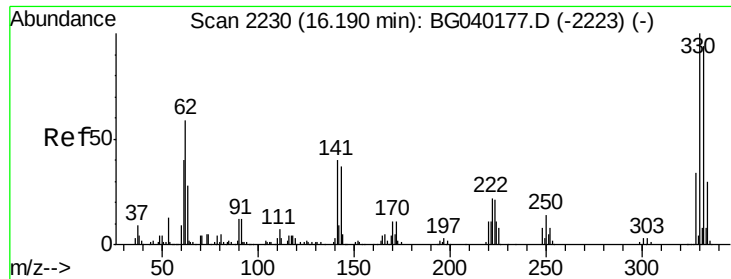
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.03 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Tgt Ion: 164 Resp: 128146
 Ion Ratio Lower Upper
 164 100
 162 100.6 77.4 116.2
 160 45.0 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: 108.583 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

PB118819BL

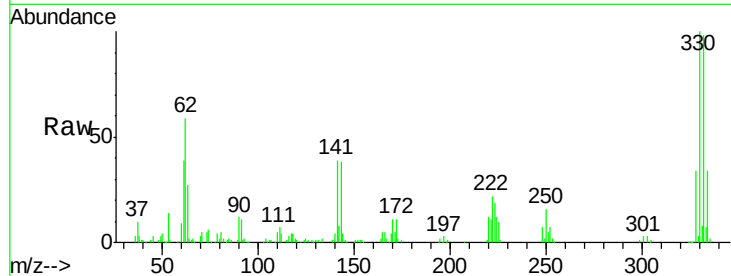
Tgt Ion:330 Resp: 150379

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

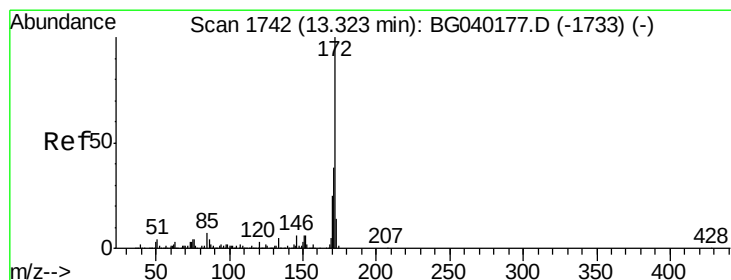
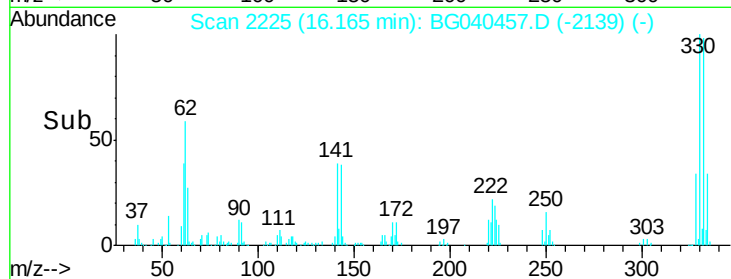
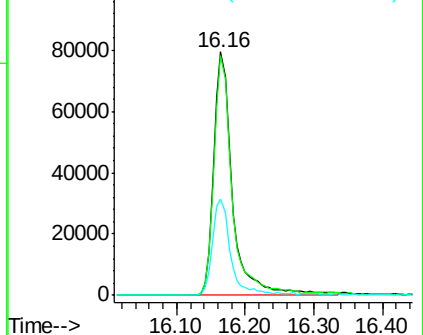
141 38.1 32.6 48.8



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: 68.763 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

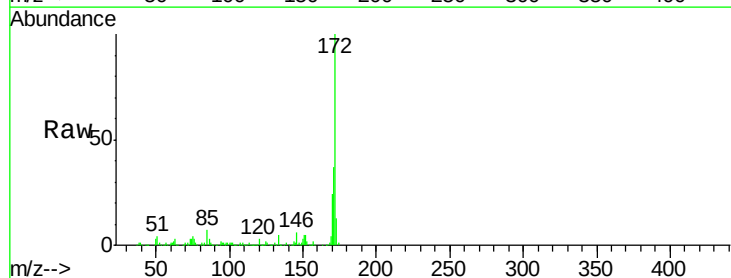
Tgt Ion:172 Resp: 594675

Ion Ratio Lower Upper

172 100

171 36.7 30.5 45.7

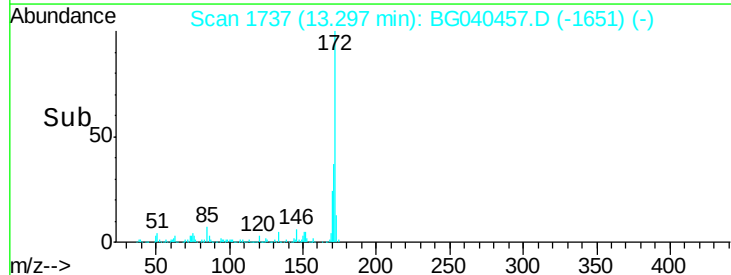
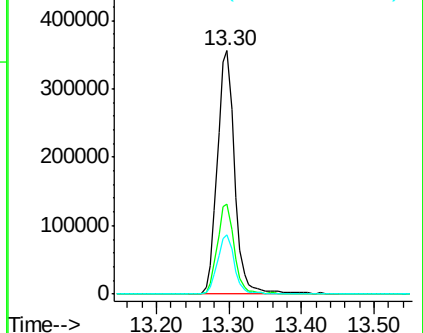
170 24.3 20.1 30.1

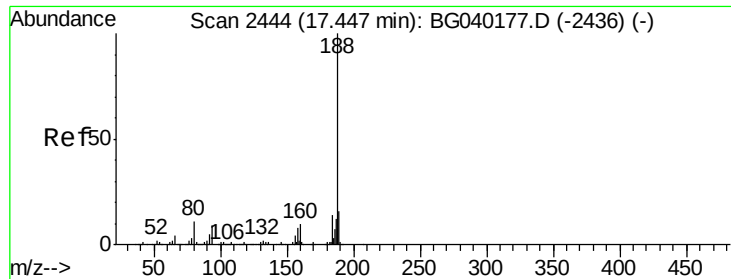


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2439

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

PB118819BL

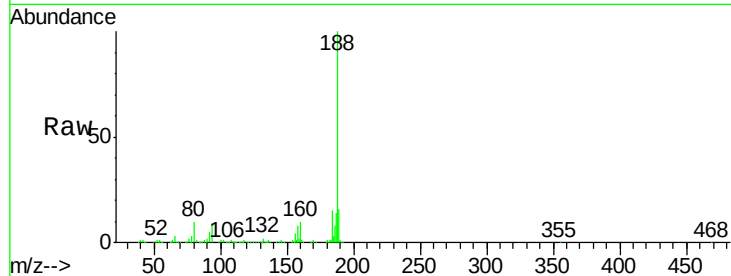
Tgt Ion:188 Resp: 356893

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

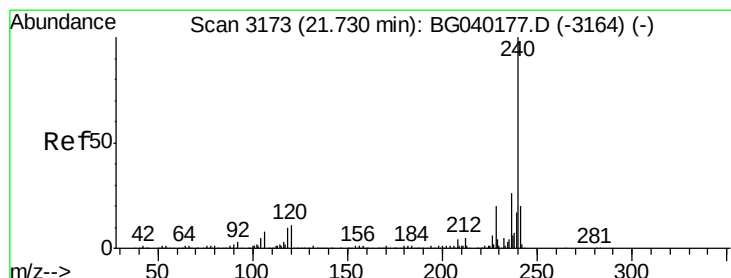
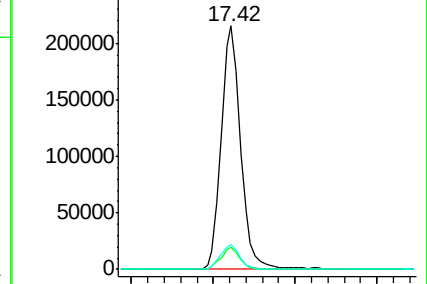
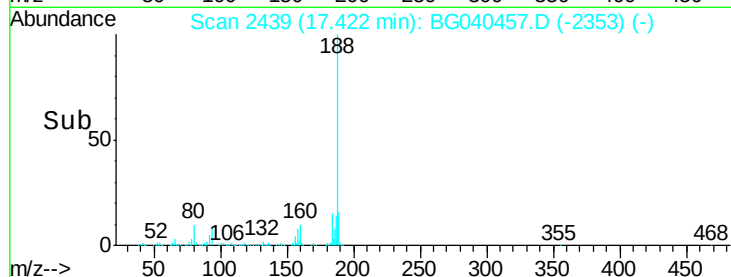
80 10.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

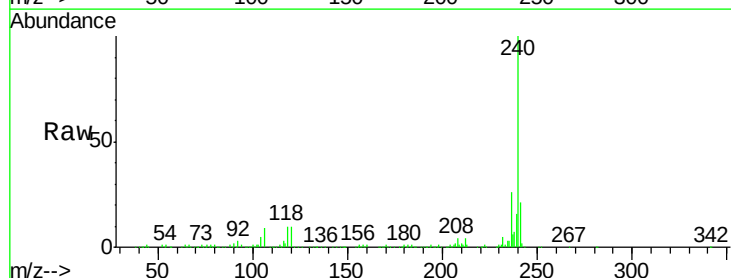
Tgt Ion:240 Resp: 392242

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

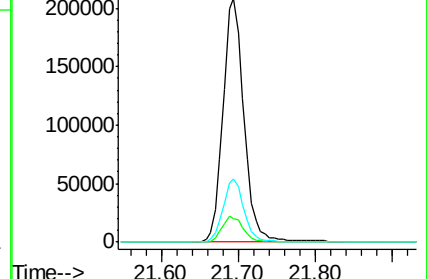
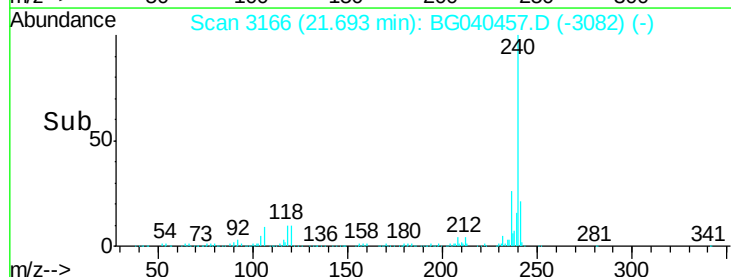
236 26.0 20.8 31.2

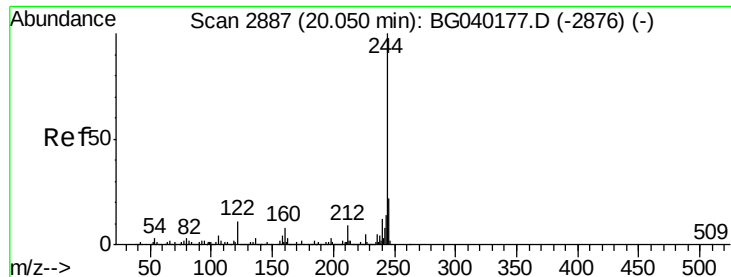


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.114 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

PB118819BL

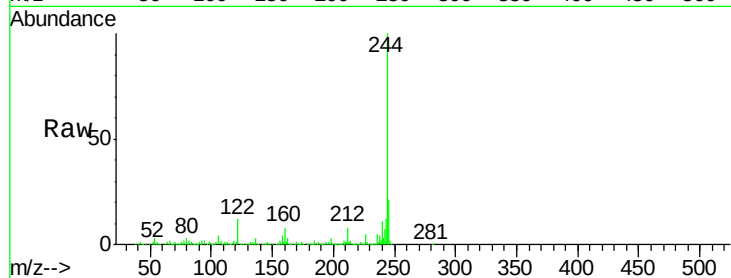
Tgt Ion:244 Resp: 1117865

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

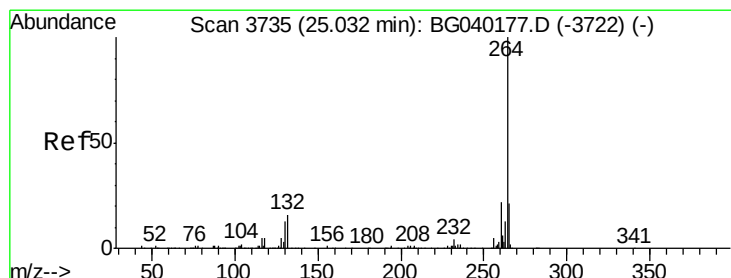
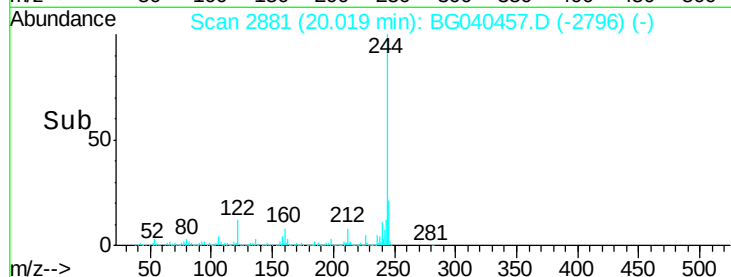
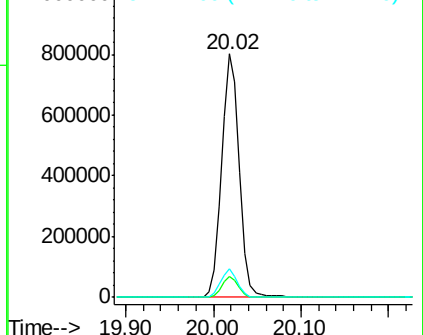
122 11.7 8.5 12.7



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: BG040457.D

Acq: 12 Apr 2019 12:07

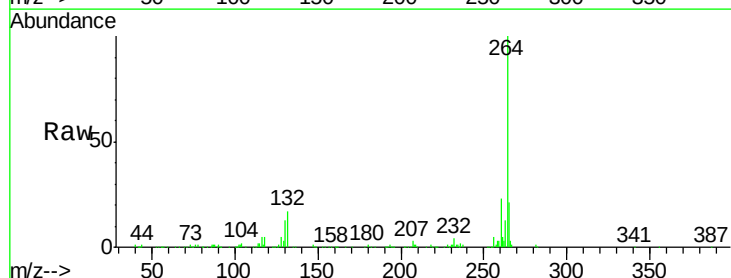
Tgt Ion:264 Resp: 382455

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 21.2 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

