

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040101.D
 Acq On : 23 Mar 2019 4:14
 Operator : JU/SJ
 Sample : PB118181BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118181BL

Quant Time: Mar 23 05:55:37 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	38761	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	169040	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	121845	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	307558	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	304881	20.00	ng	-0.03
87) Perylene-d12	25.16	264	306782	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	165586	72.88	ng	-0.02
7) Phenol-d6	7.29	99	241033	71.15	ng	-0.02
23) Nitrobenzene-d5	9.32	82	211735	67.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	91826	64.66	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	570542	66.67	ng	-0.02
79) Terphenyl-d14	20.11	244	837446	60.48	ng	-0.02

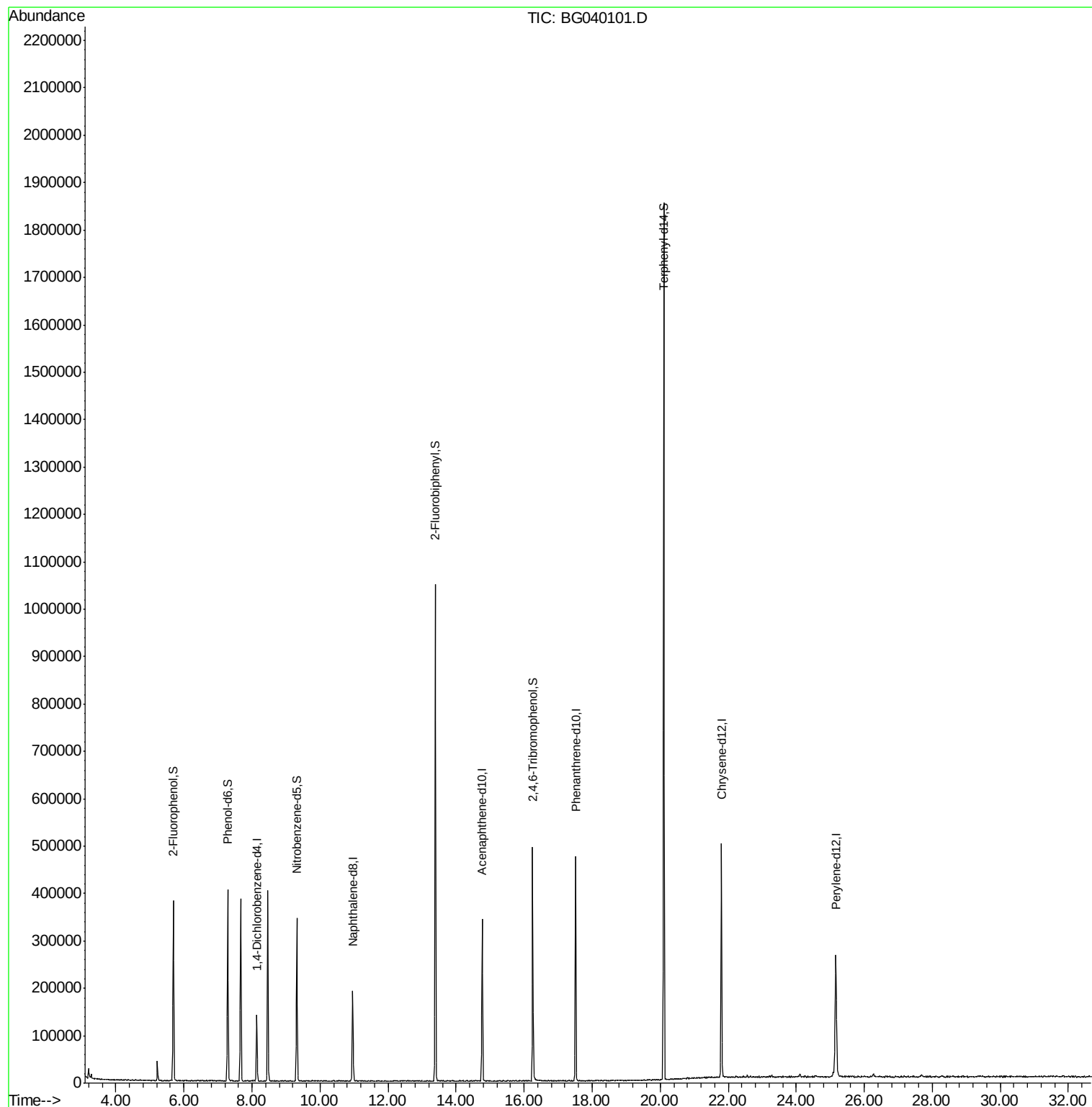
Target Compounds Qvalue

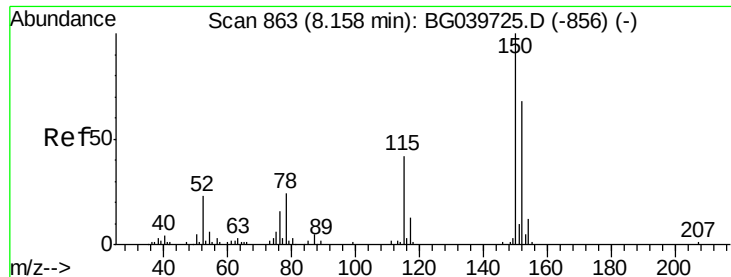
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040101.D

Acq: 23 Mar 2019 4:14

Instrument :

BNA_G

ClientSampleId :

PB118181BL

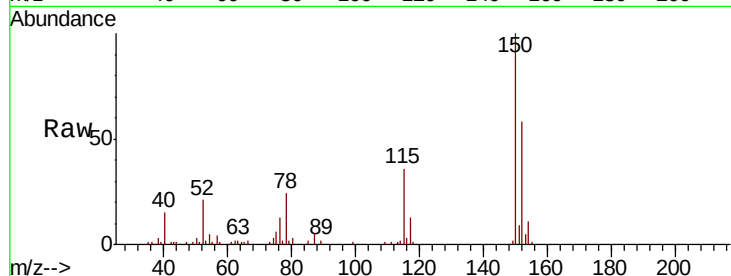
Tot Ion:152 Resp: 38761

Ion Ratio Lower Upper

152 100

150 172.6 123.7 185.5

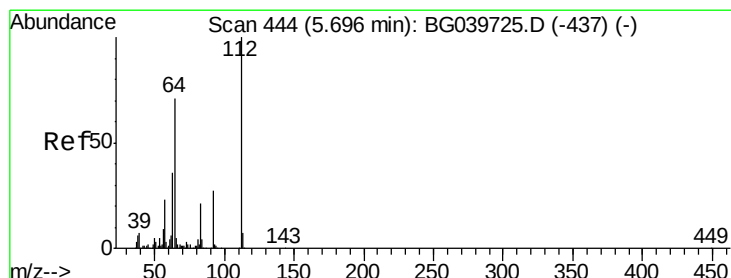
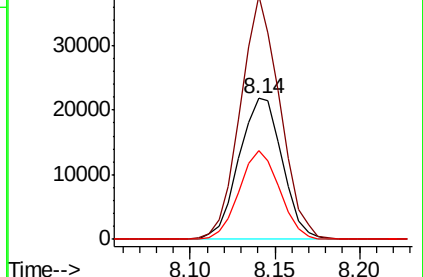
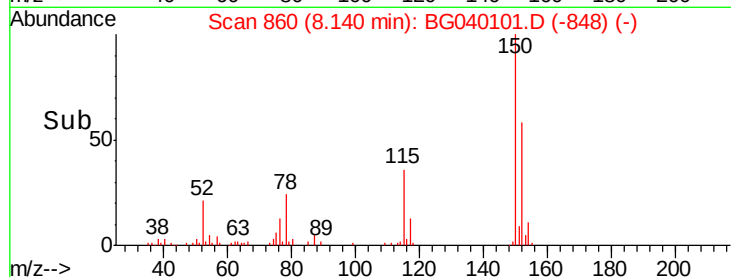
115 63.0 45.9 68.9



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: 72.880 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040101.D

Acq: 23 Mar 2019 4:14

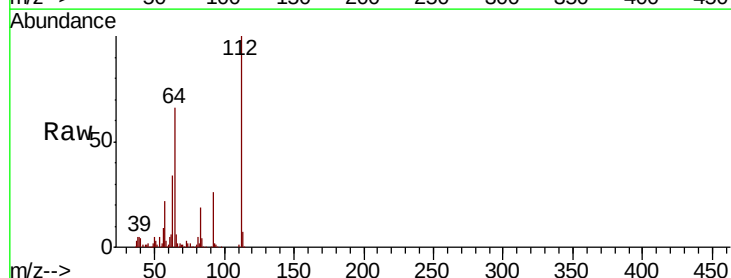
Tgt Ion:112 Resp: 165586

Ion Ratio Lower Upper

112 100

64 66.3 57.8 86.8

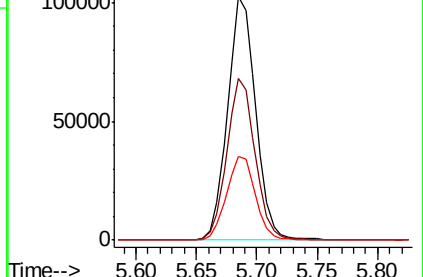
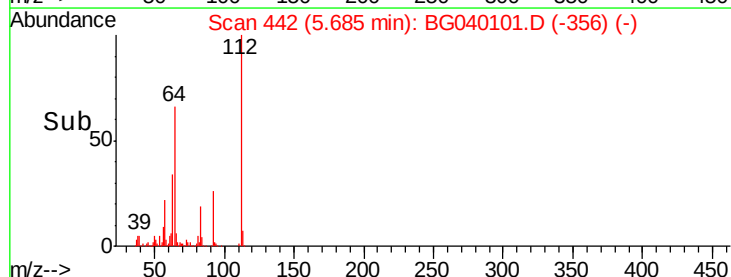
63 34.1 29.8 44.6

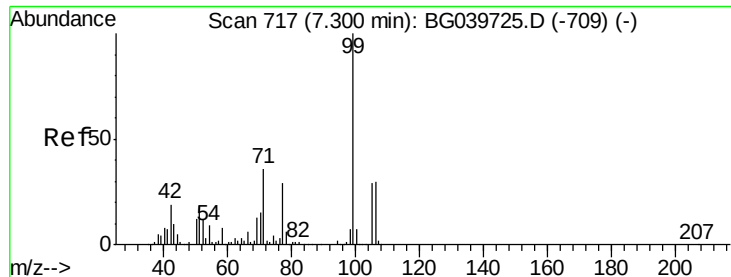


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 71.149 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040101.D

Acq: 23 Mar 2019 4:14

Instrument :

BNA_G

ClientSampleId :

PB118181BL

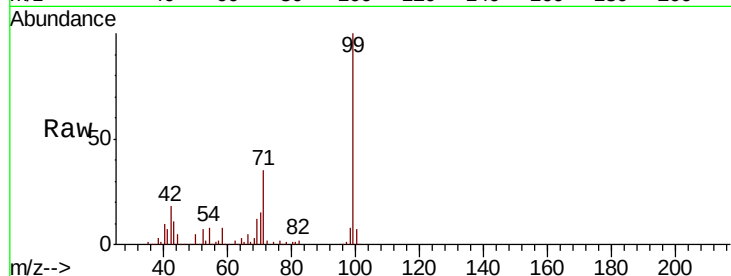
Tot Ion: 99 Resp: 241033

Ion Ratio Lower Upper

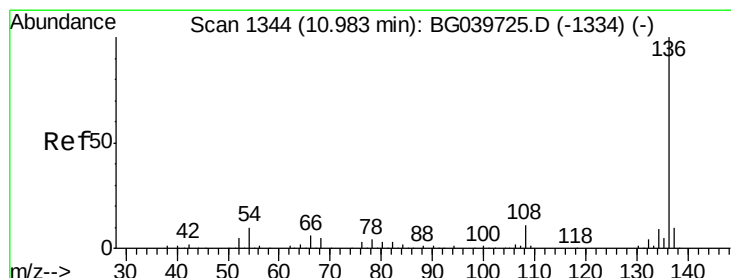
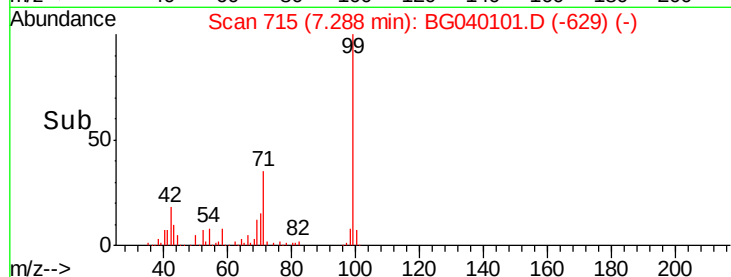
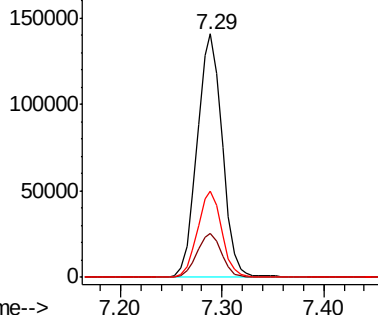
99 100

42 18.1 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040101.D

Acq: 23 Mar 2019 4:14

Tgt Ion: 136 Resp: 169040

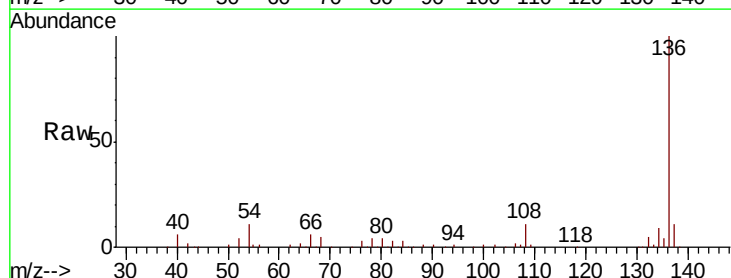
Ion Ratio Lower Upper

136 100

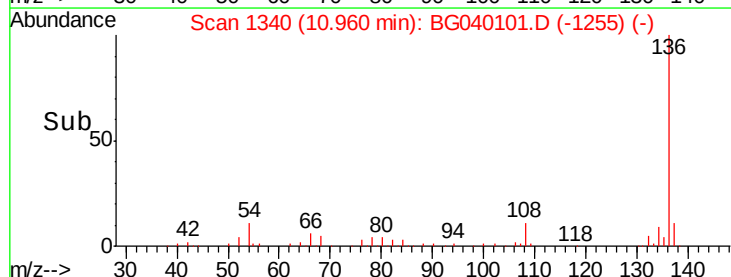
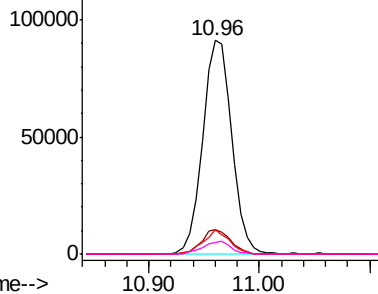
137 11.3 9.1 13.7

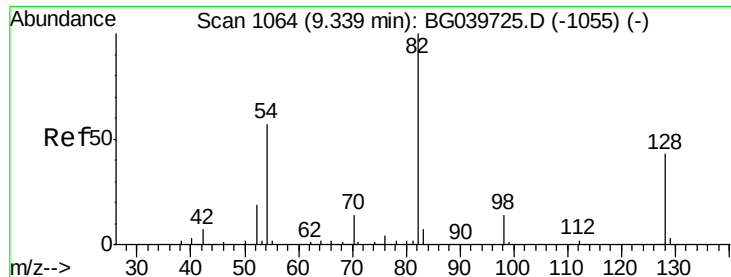
54 11.3 9.4 14.2

68 5.4 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

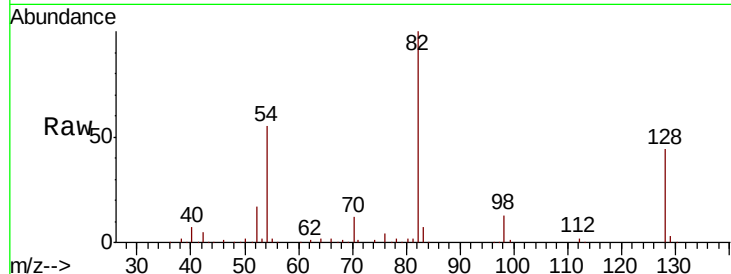




#23
 Nitrobenzene-d5
 Concen: 67.744 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040101.D
 Acq: 23 Mar 2019 4:14

Instrument :
 BNA_G
 ClientSampleId :
 PB118181BL

Tot Ion	82	Resp	211735
Ion Ratio	100	Lower	Upper
128	44.5	31.3	46.9
54	54.7	50.9	76.3

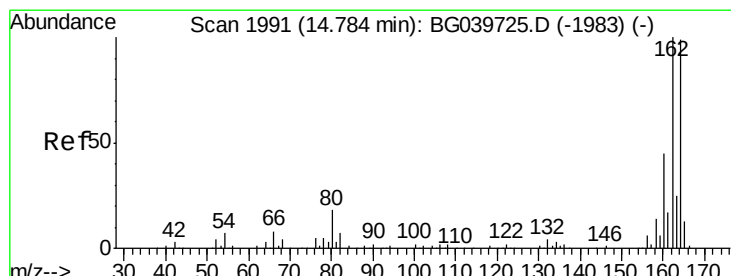
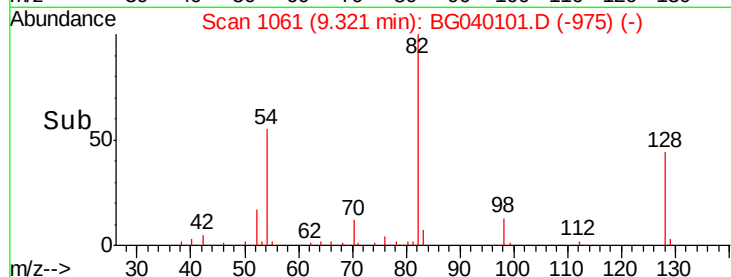
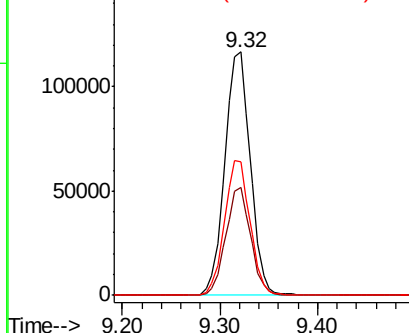


Abundance

Ion 82.00 (81.70 to 82.70): BGC

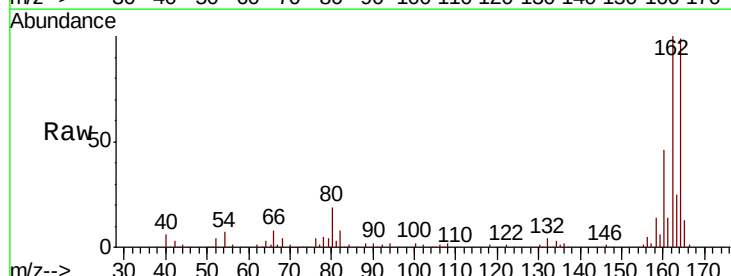
Ion 128.00 (127.70 to 128.70): BGC

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: BG040101.D
 Acq: 23 Mar 2019 4:14

Tgt Ion	164	Resp	121845
Ion Ratio	100	Lower	Upper
162	100.7	81.6	122.4
160	45.8	34.2	51.2

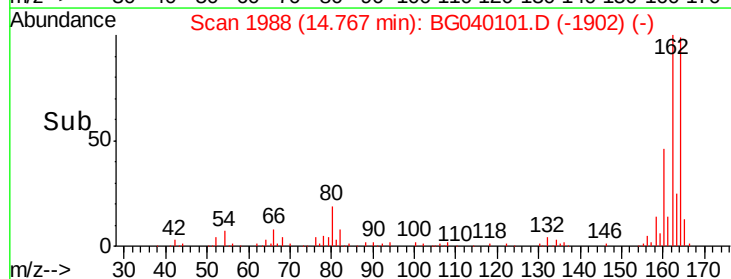
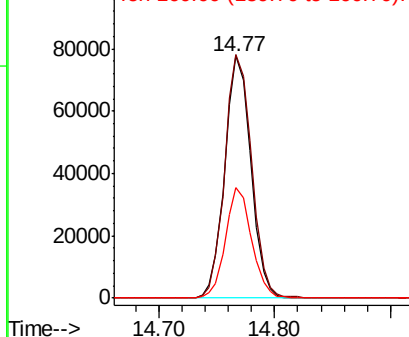


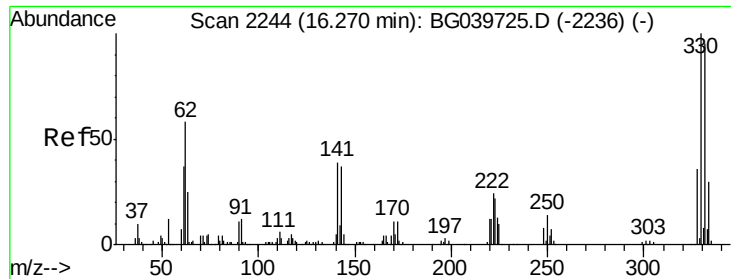
Abundance

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: 64.657 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040101.D

Acq: 23 Mar 2019 4:14

Instrument :

BNA_G

ClientSampleId :

PB118181BL

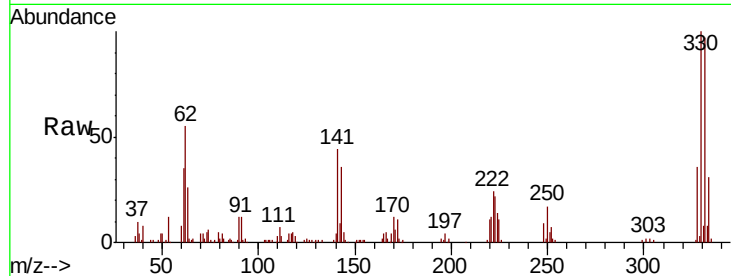
Tot Ion:330 Resp: 91826

Ion Ratio Lower Upper

330 100

332 98.6 75.7 113.5

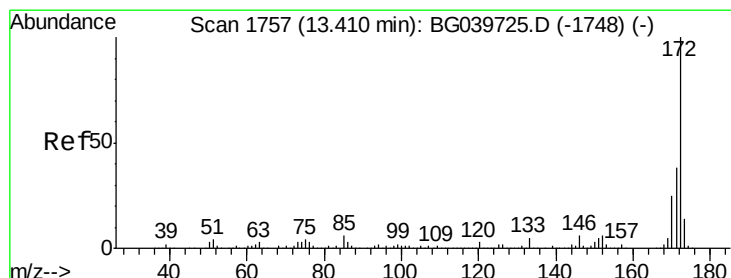
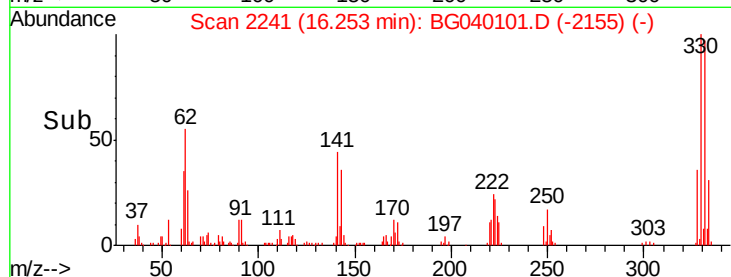
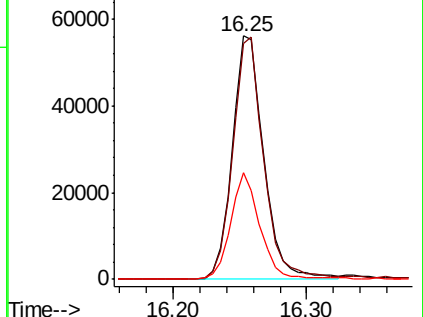
141 41.6 35.6 53.4



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: 66.671 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040101.D

Acq: 23 Mar 2019 4:14

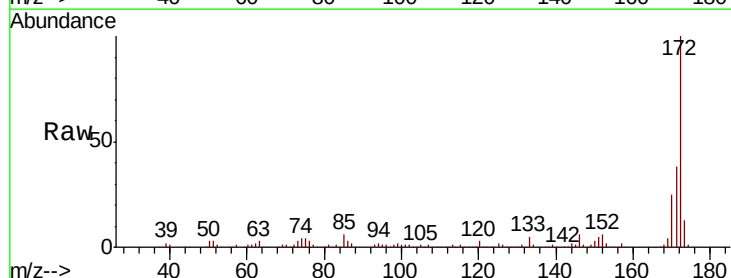
Tgt Ion:172 Resp: 570542

Ion Ratio Lower Upper

172 100

171 37.6 30.8 46.2

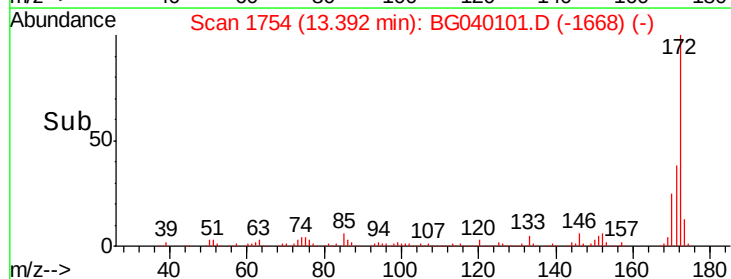
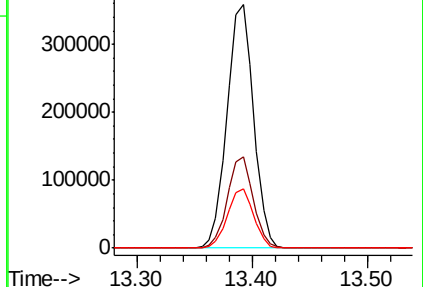
170 24.5 20.2 30.4

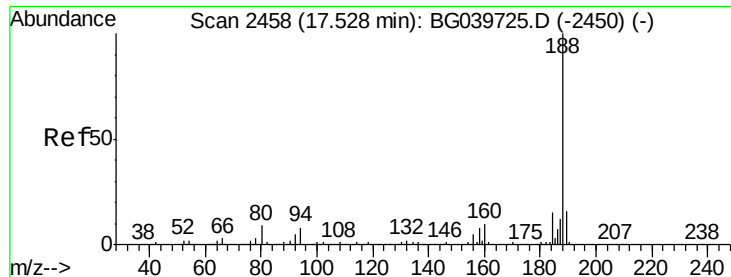


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

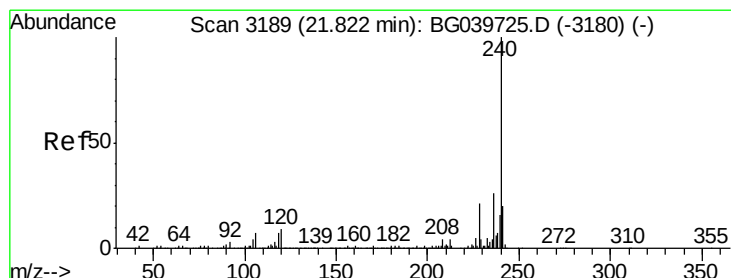
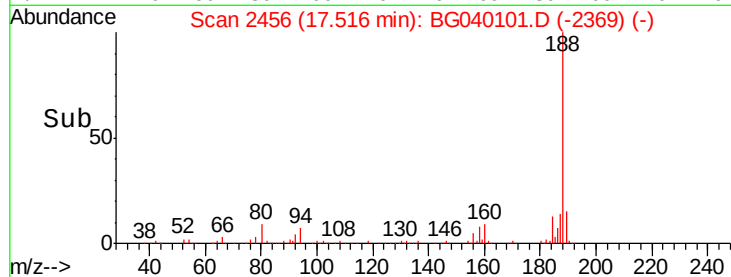
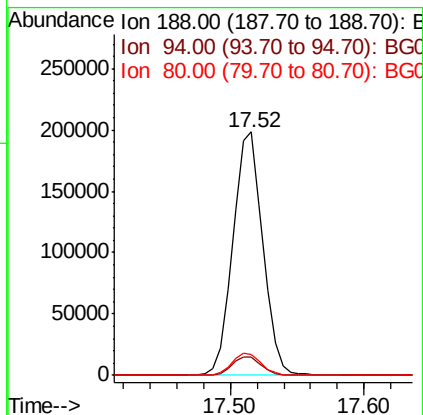
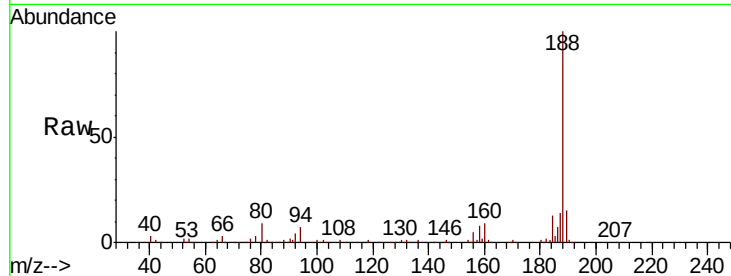




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040101.D
Acq: 23 Mar 2019 4:14

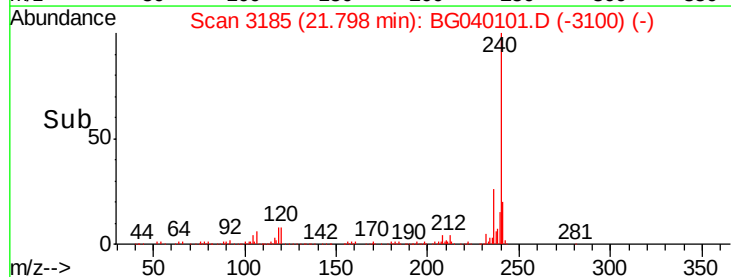
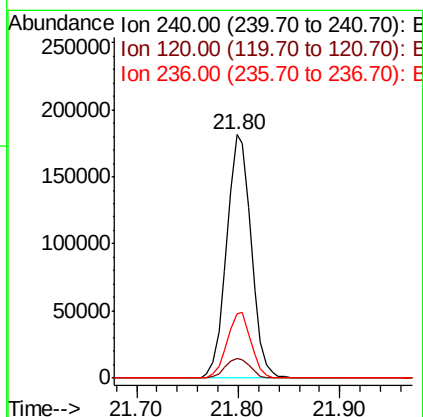
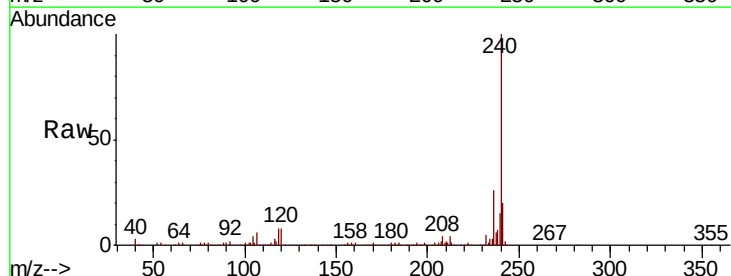
Instrument :
BNA_G
ClientSampleId :
PB118181BL

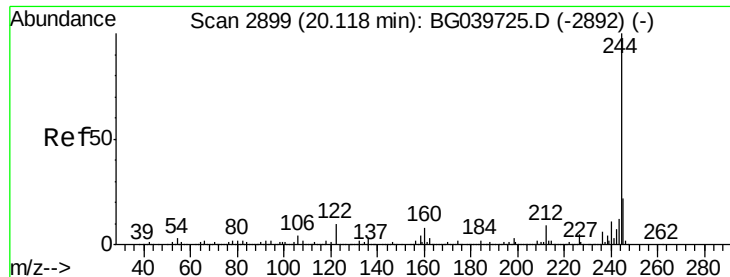
Tot Ion:188 Resp: 307558
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040101.D
Acq: 23 Mar 2019 4:14

Tgt Ion:240 Resp: 304881
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 60.479 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040101.D

Acq: 23 Mar 2019 4:14

Instrument :

BNA_G

ClientSampleId :

PB118181BL

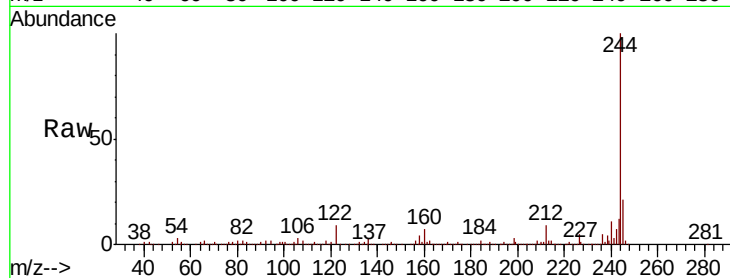
Tot Ion:244 Resp: 837446

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

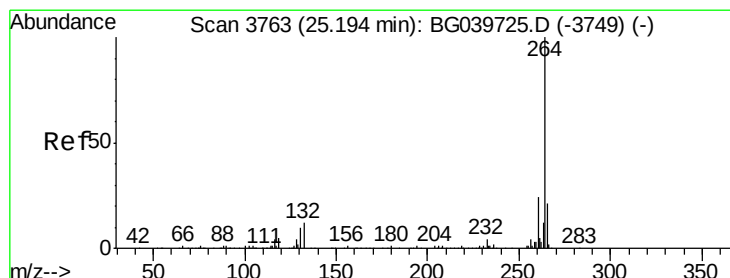
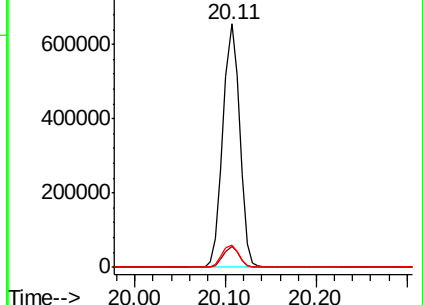
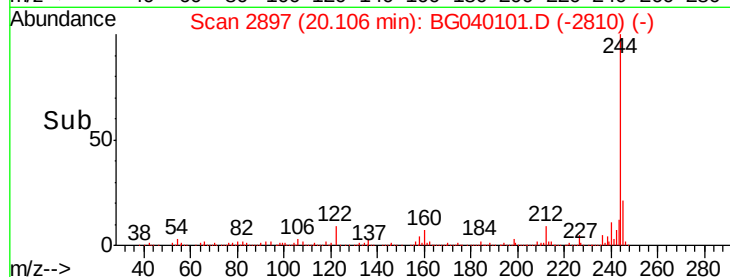
122 9.1 8.4 12.6



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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040101.D

Acq: 23 Mar 2019 4:14

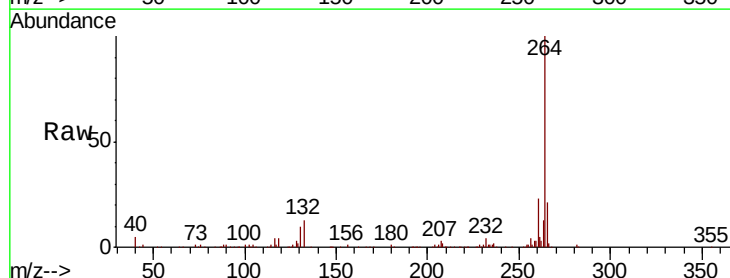
Tgt Ion:264 Resp: 306782

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.1 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

