

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
 Data File : BG040304.D
 Acq On : 2 Apr 2019 19:58
 Operator : JU/SJ
 Sample : K2179-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8D

Quant Time: Apr 03 01:28:44 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	70062	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	297757	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	208403	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	522944	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	527738	20.00	ng	-0.02
87) Perylene-d12	25.02	264	525615	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	478878	113.63	ng	0.00
7) Phenol-d6	7.21	99	584772	100.40	ng	-0.02
23) Nitrobenzene-d5	9.23	82	488765	87.25	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	278644	123.72	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	1122266	79.79	ng	-0.02
79) Terphenyl-d14	20.03	244	1828512	77.95	ng	-0.02

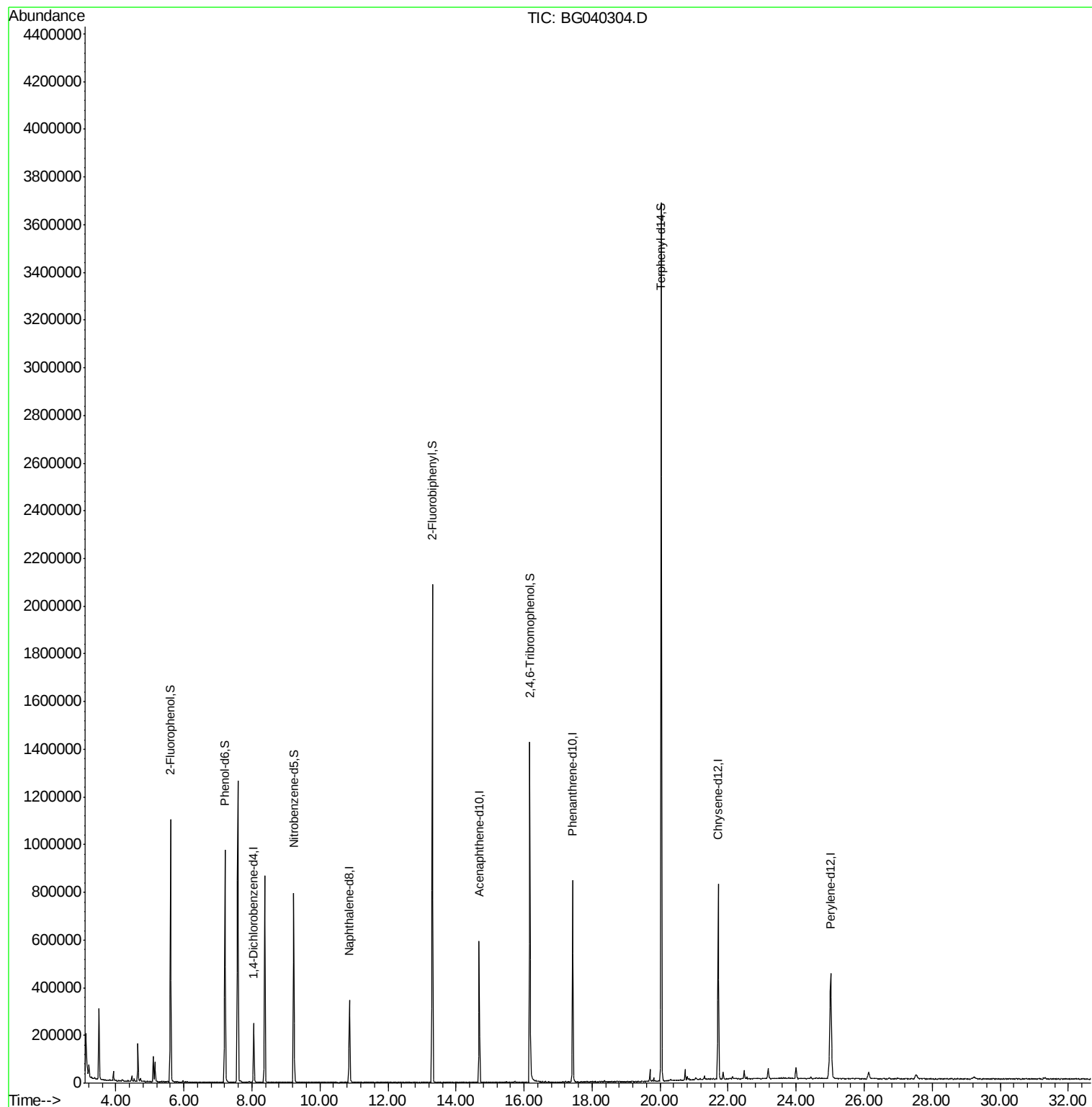
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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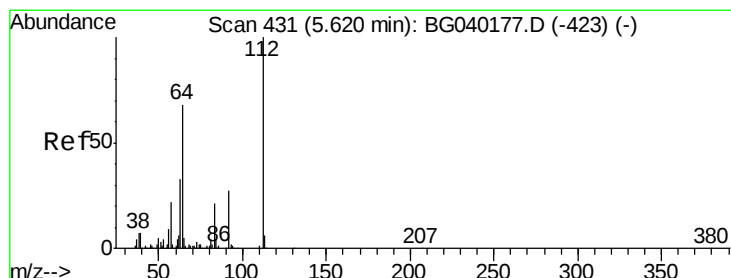
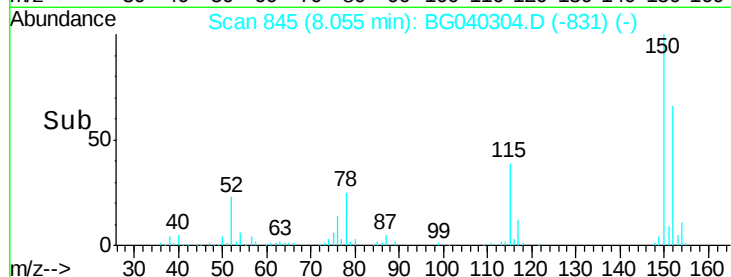
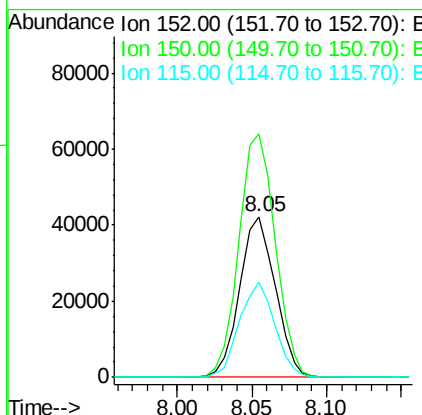
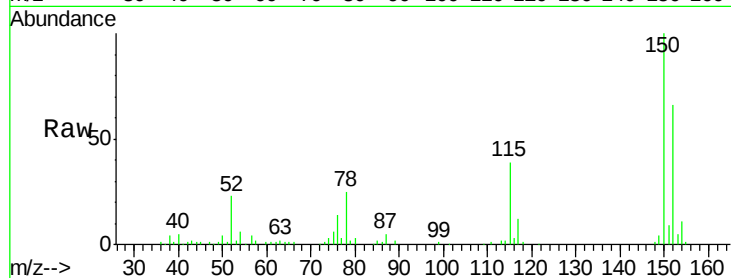




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BG040304.D
 Acq: 2 Apr 2019 19:58

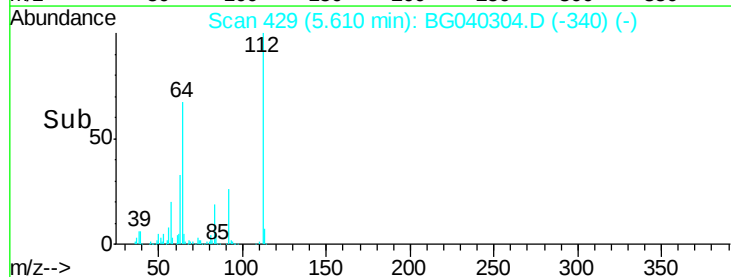
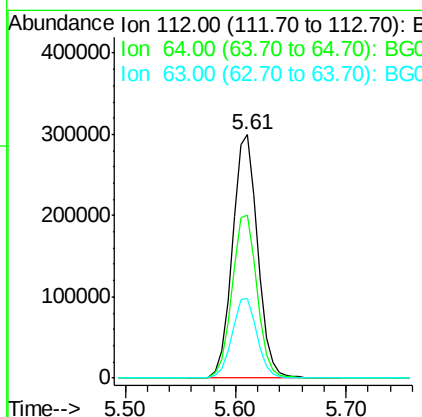
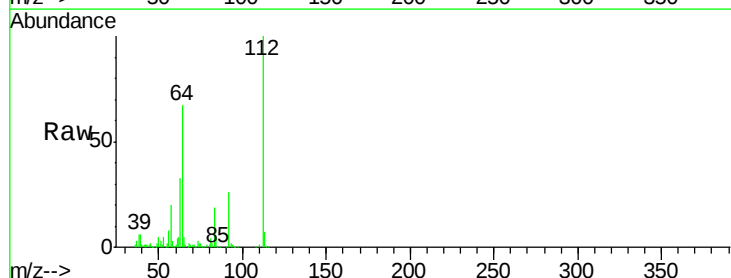
Instrument :
 BNA_G
 ClientSampleId :
 TP-8D

Tgt Ion:152 Resp: 70062
 Ion Ratio Lower Upper
 152 100
 150 151.5 123.7 185.5
 115 59.0 46.9 70.3



#5
 2-Fluorophenol
 Concen: 113.627 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG040304.D
 Acq: 2 Apr 2019 19:58

Tgt Ion:112 Resp: 478878
 Ion Ratio Lower Upper
 112 100
 64 67.0 54.2 81.2
 63 32.9 26.4 39.6





#7

Phenol-d6

Concen: 100.399 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040304.D

Acq: 2 Apr 2019 19:58

Instrument :

BNA_G

ClientSampleId :

TP-8D

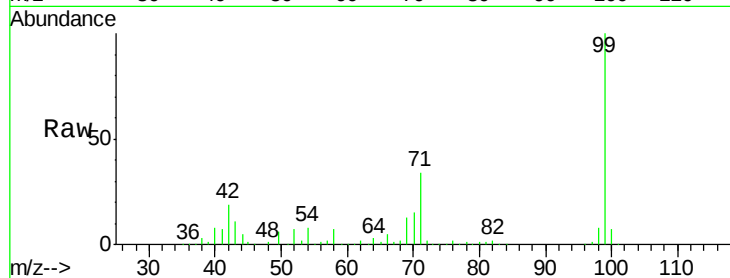
Tgt Ion: 99 Resp: 584772

Ion Ratio Lower Upper

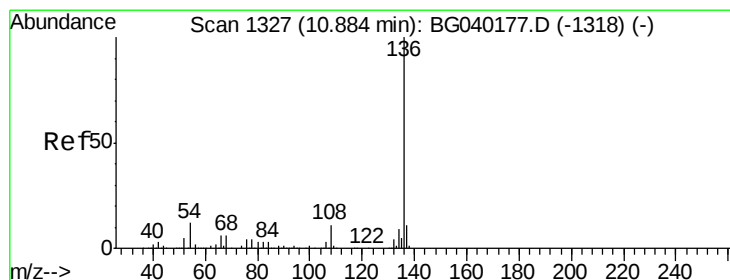
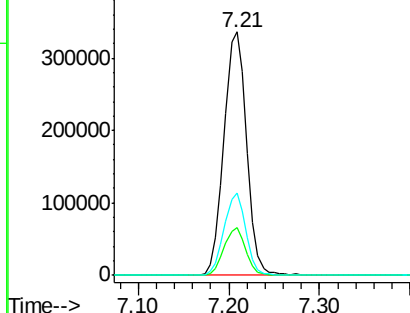
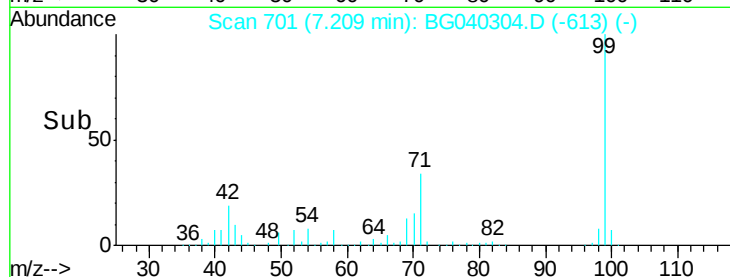
99 100

42 19.4 16.2 24.2

71 33.7 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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040304.D

Acq: 2 Apr 2019 19:58

Tgt Ion: 136 Resp: 297757

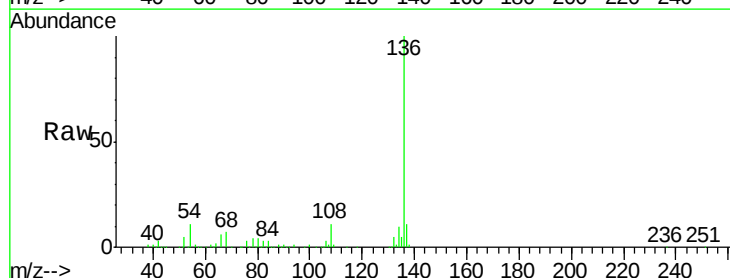
Ion Ratio Lower Upper

136 100

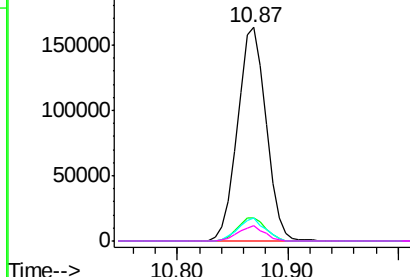
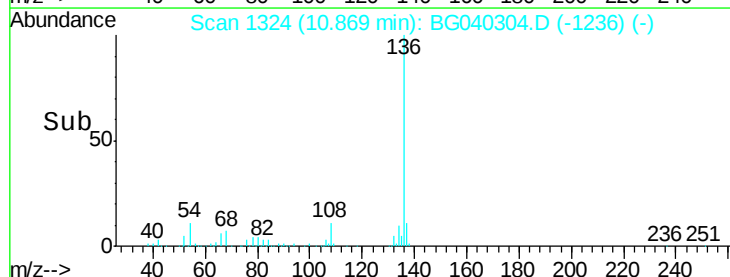
137 10.6 8.9 13.3

54 10.7 9.6 14.4

68 7.4 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

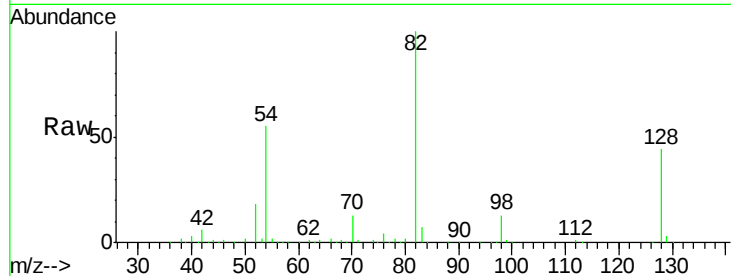




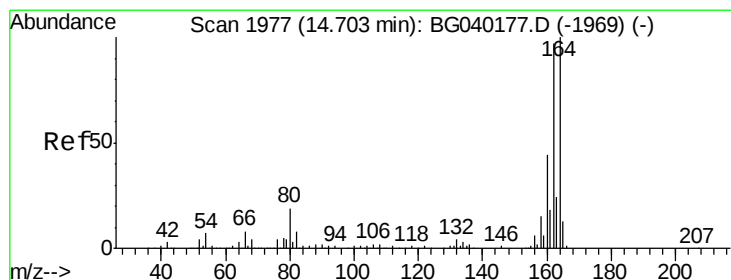
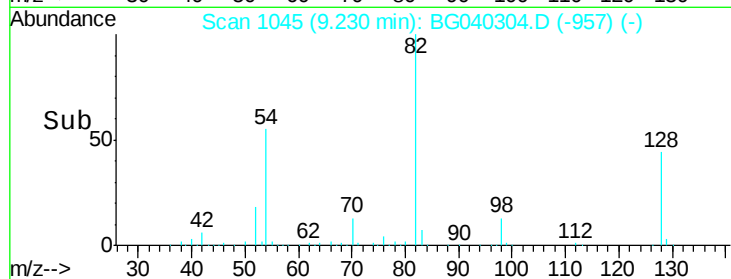
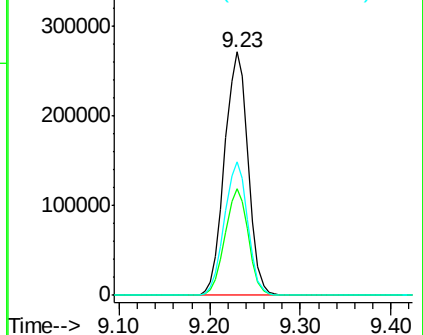
#23
Nitrobenzene-d5
Concen: 87.251 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040304.D
Acq: 2 Apr 2019 19:58

Instrument :
BNA_G
ClientSampleId :
TP-8D

Tgt Ion: 82 Resp: 488765
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.8
54 54.8 46.2 69.2

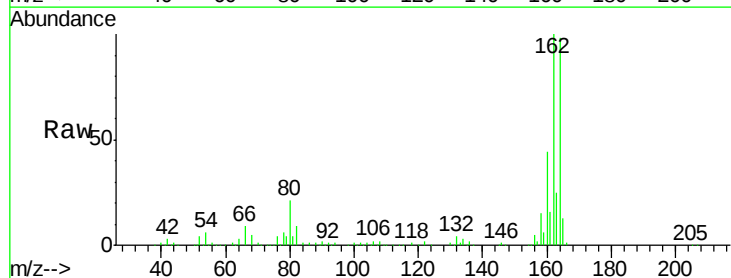


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

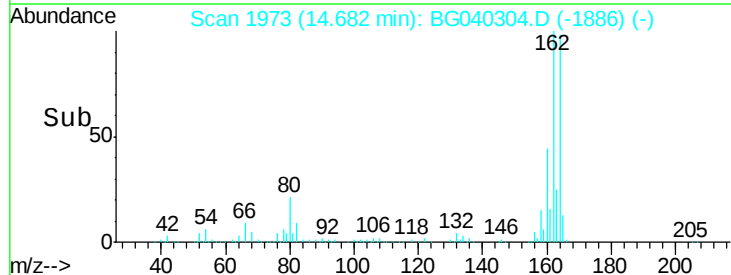
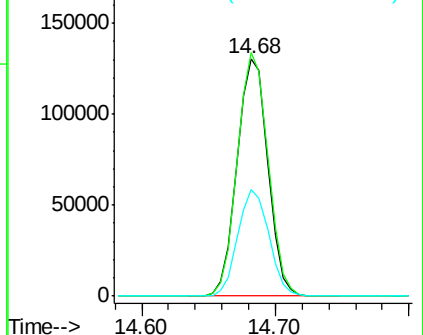


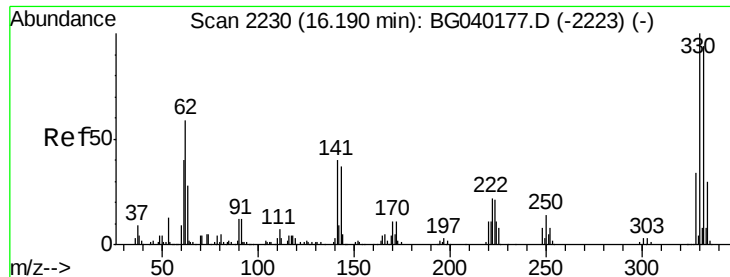
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040304.D
Acq: 2 Apr 2019 19:58

Tgt Ion: 164 Resp: 208403
Ion Ratio Lower Upper
164 100
162 102.4 77.4 116.2
160 44.9 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

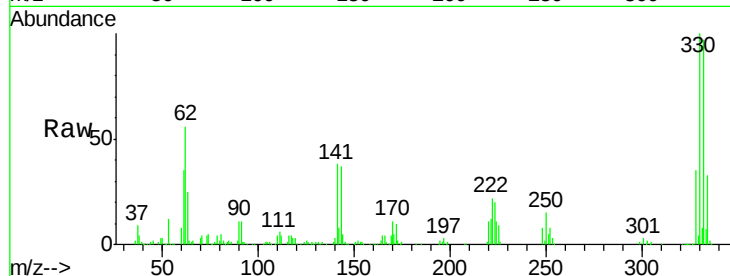




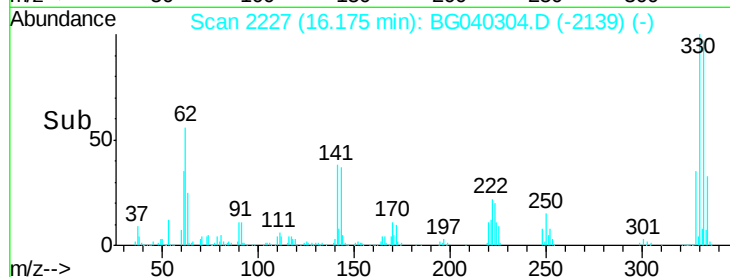
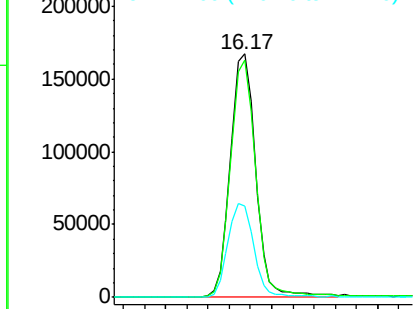
#42
 2,4,6-Tribromophenol
 Concen: 123.716 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040304.D
 Acq: 2 Apr 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-8D

Tgt Ion:330 Resp: 278644
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.5 32.6 48.8

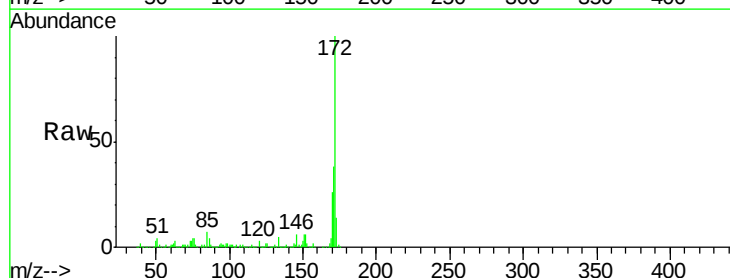


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

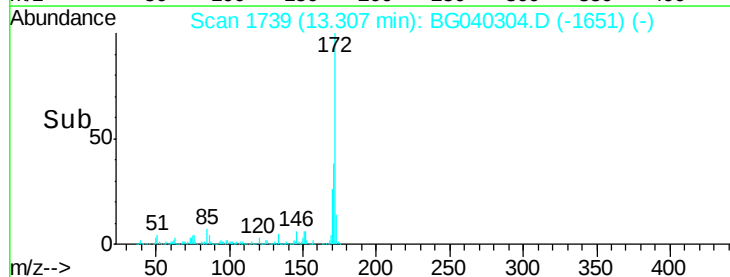
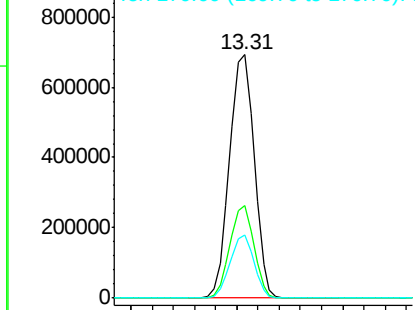


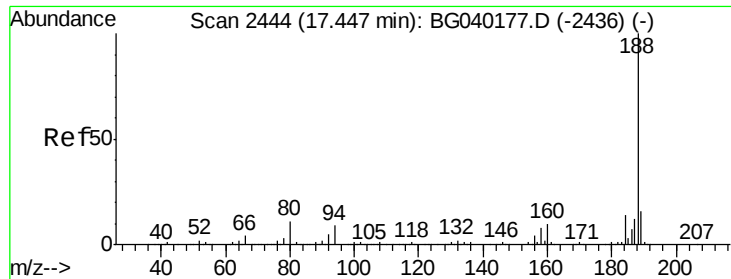
#45
 2-Fluorobiphenyl
 Concen: 79.794 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040304.D
 Acq: 2 Apr 2019 19:58

Tgt Ion:172 Resp: 1122266
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.5 45.7
 170 25.7 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: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040304.D

Acq: 2 Apr 2019 19:58

Instrument :

BNA_G

ClientSampleId :

TP-8D

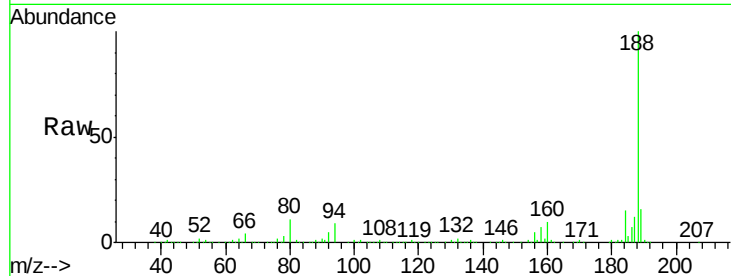
Tgt Ion:188 Resp: 522944

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

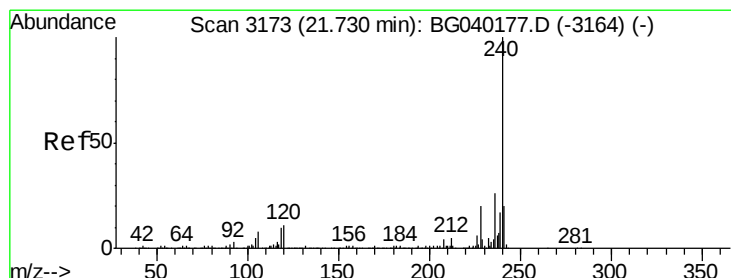
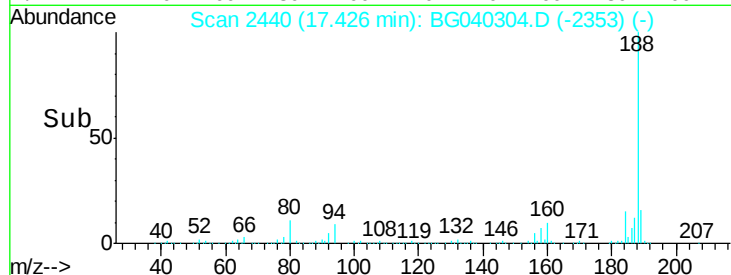
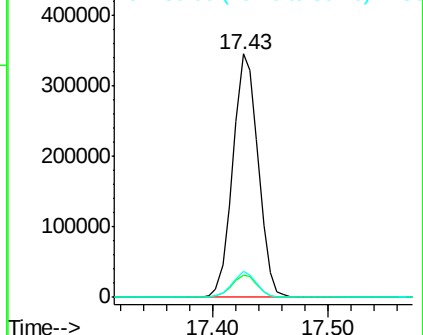
80 10.7 8.6 13.0



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040304.D

Acq: 2 Apr 2019 19:58

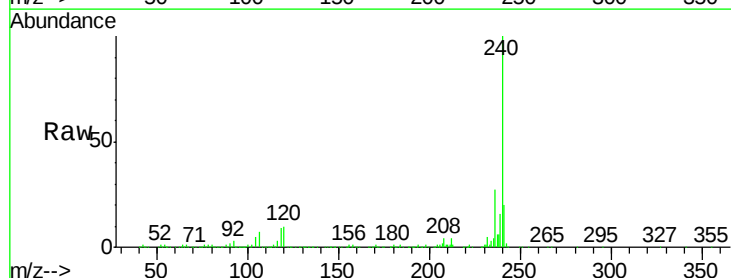
Tgt Ion:240 Resp: 527738

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

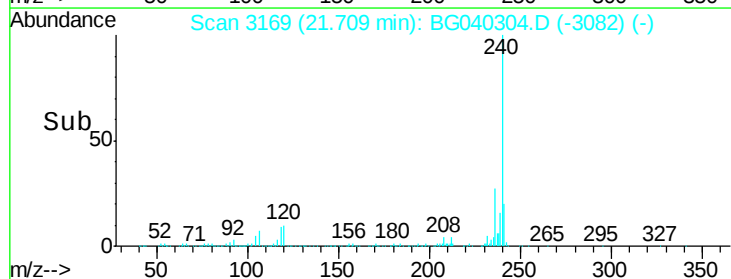
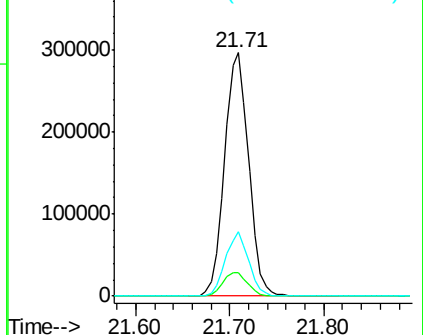
236 26.5 20.8 31.2



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: 77.946 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040304.D

Acq: 2 Apr 2019 19:58

Instrument :

BNA_G

ClientSampleId :

TP-8D

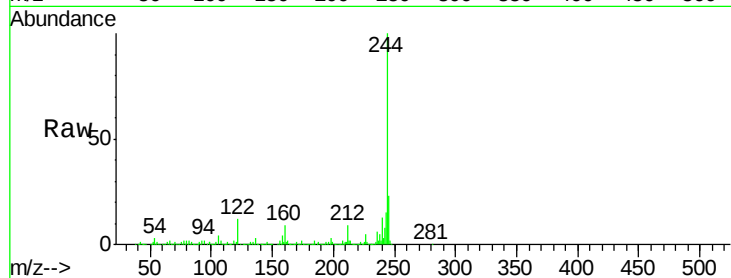
Tgt Ion:244 Resp: 1828512

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

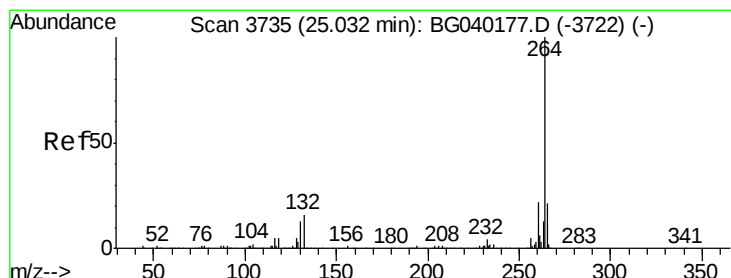
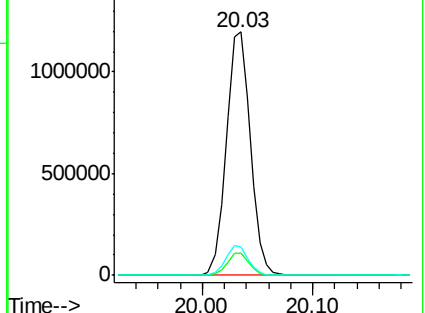
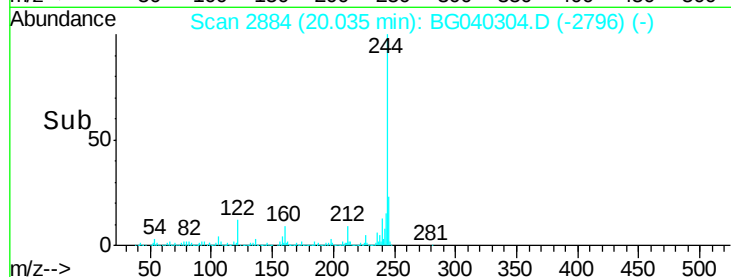
122 11.6 8.5 12.7



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: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040304.D

Acq: 2 Apr 2019 19:58

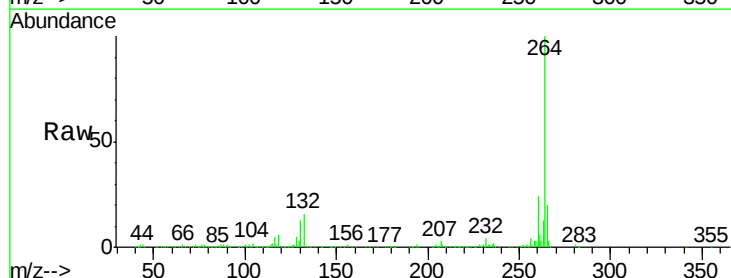
Tgt Ion:264 Resp: 525615

Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

265 20.2 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

