

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
 Data File : BG040308.D
 Acq On : 2 Apr 2019 22:39
 Operator : JU/SJ
 Sample : K2180-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6D

Quant Time: Apr 03 01:37:44 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	68518	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	285627	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	201787	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	501104	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	503696	20.00	ng	-0.02
87) Perylene-d12	25.02	264	501842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	476467	115.60	ng	-0.01
7) Phenol-d6	7.21	99	593643	104.22	ng	-0.02
23) Nitrobenzene-d5	9.23	82	462073	85.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	255550	117.18	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	1075419	78.97	ng	-0.02
79) Terphenyl-d14	20.03	244	1781718	79.58	ng	-0.02

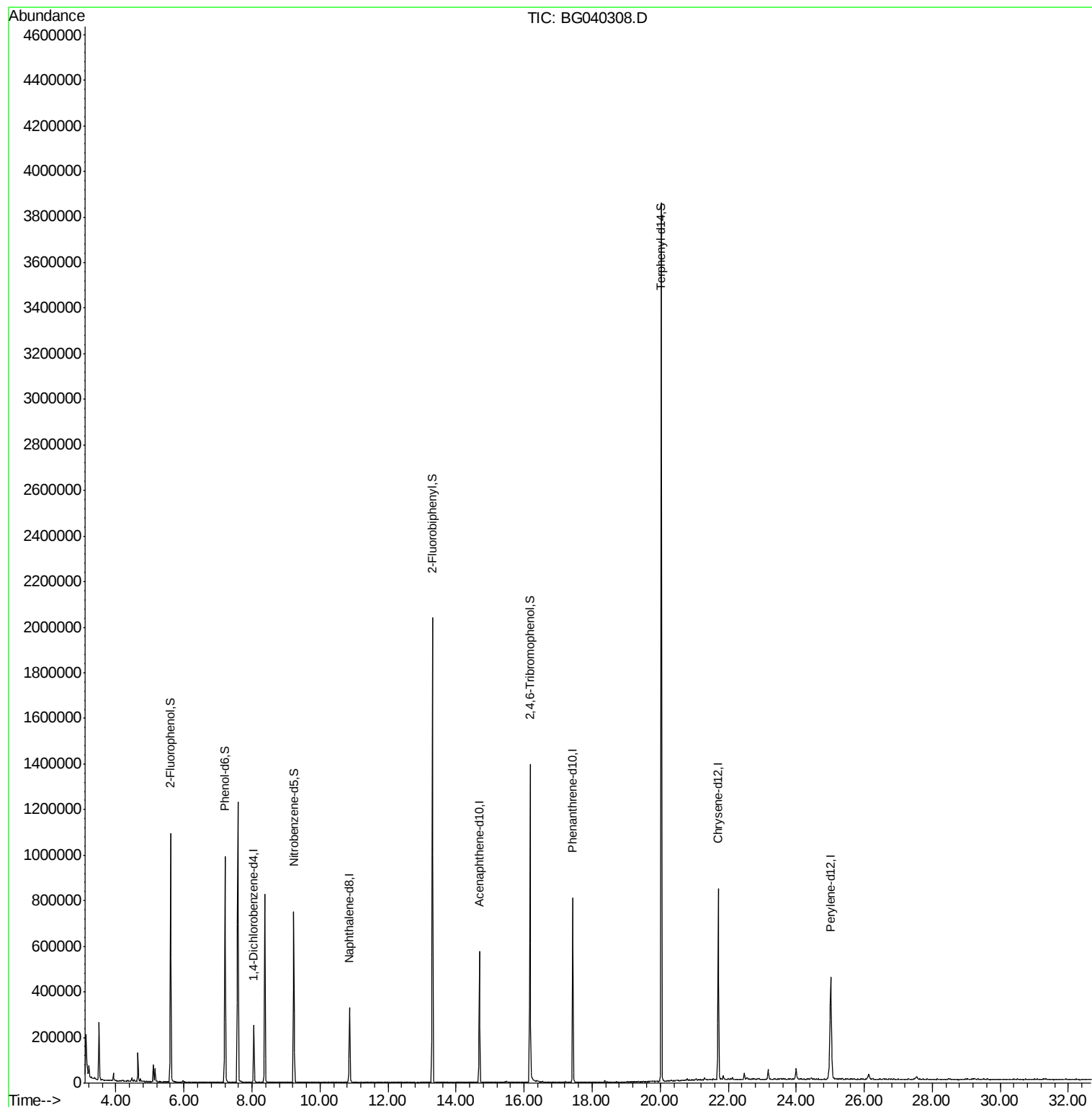
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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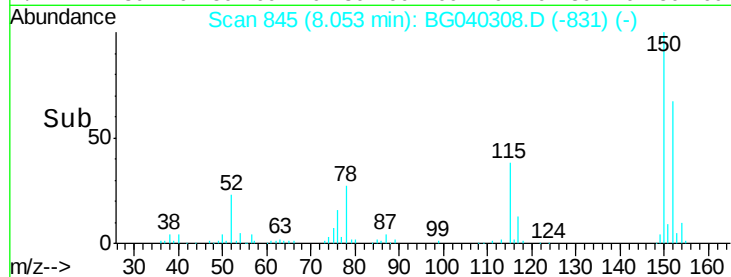
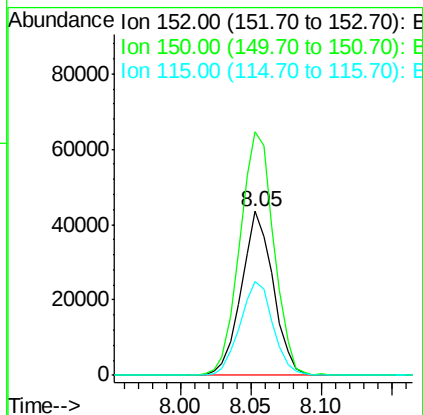
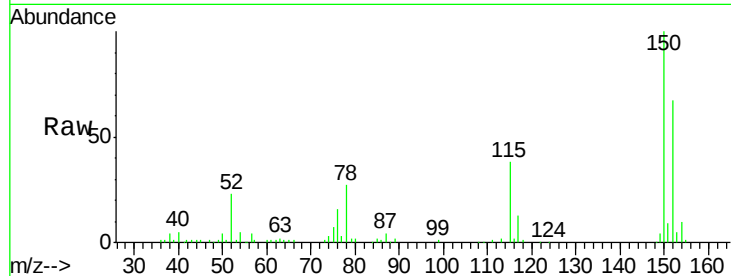


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

Instrument :
BNA_G
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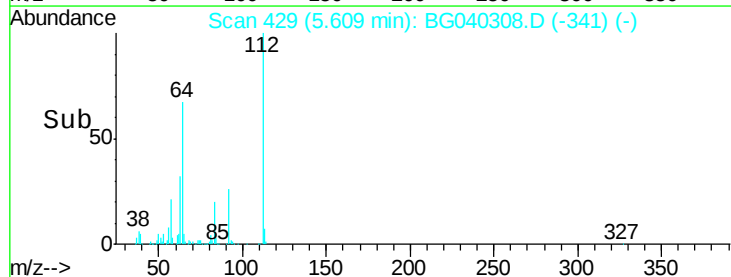
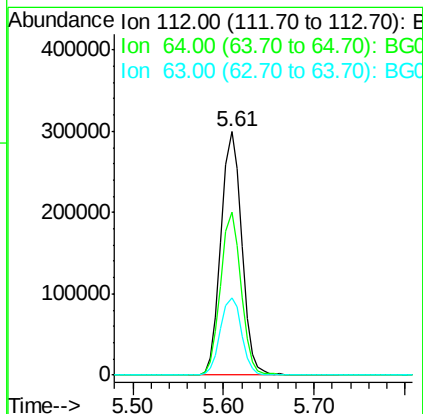
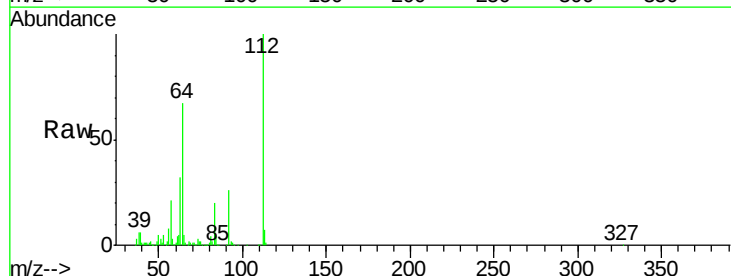
Tgt Ion:152 Resp: 68518
Ion Ratio Lower Upper
152 100
150 148.3 123.7 185.5
115 56.9 46.9 70.3

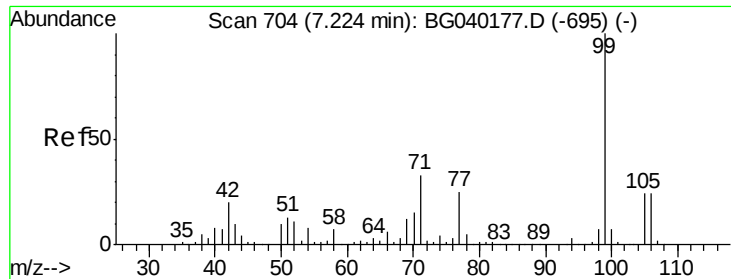


#5

2-Fluorophenol
Concen: 115.602 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

Tgt Ion:112 Resp: 476467
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.2
63 31.5 26.4 39.6





#7

Phenol-d6

Concen: 104.219 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040308.D

Acq: 2 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

TP-6D

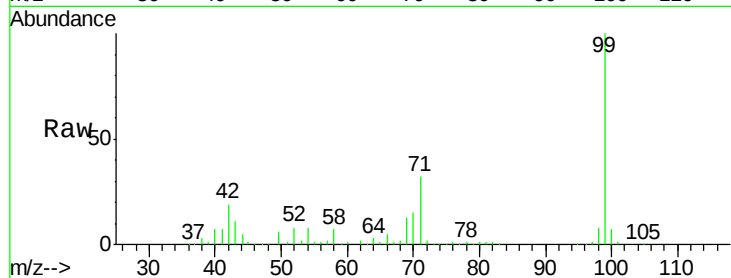
Tgt Ion: 99 Resp: 593643

Ion Ratio Lower Upper

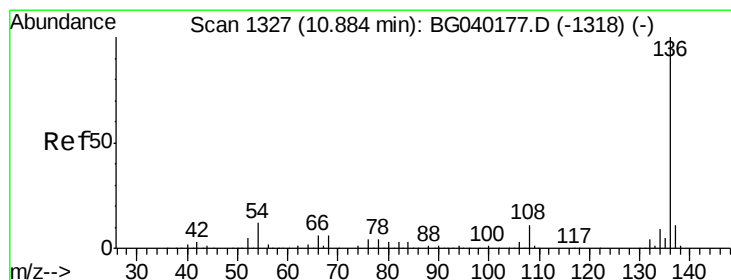
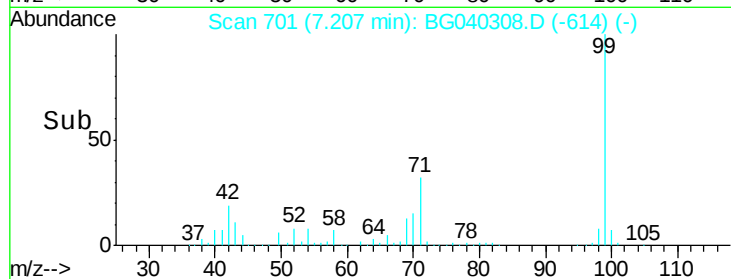
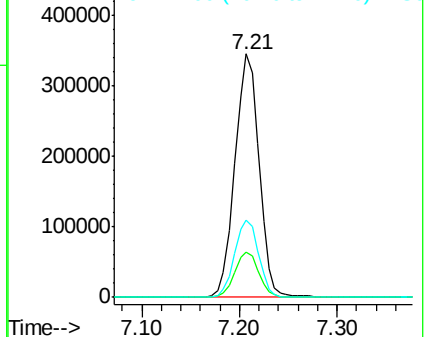
99 100

42 18.7 16.2 24.2

71 32.0 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: BG040308.D

Acq: 2 Apr 2019 22:39

Tgt Ion: 136 Resp: 285627

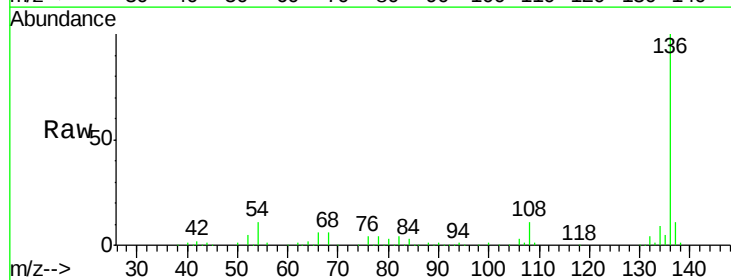
Ion Ratio Lower Upper

136 100

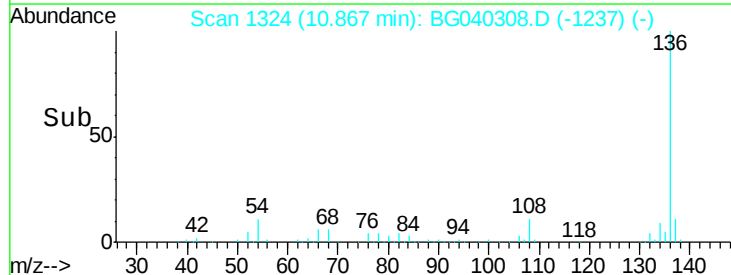
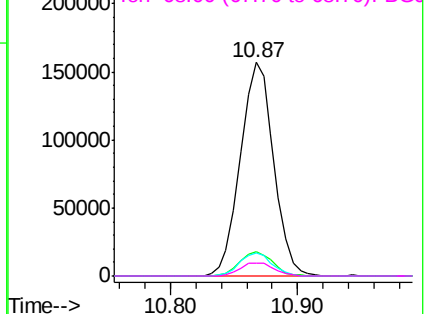
137 11.1 8.9 13.3

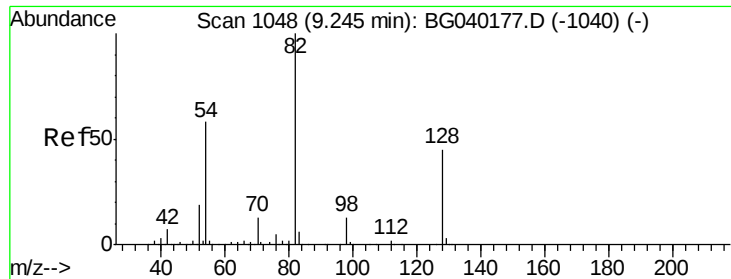
54 10.6 9.6 14.4

68 6.2 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

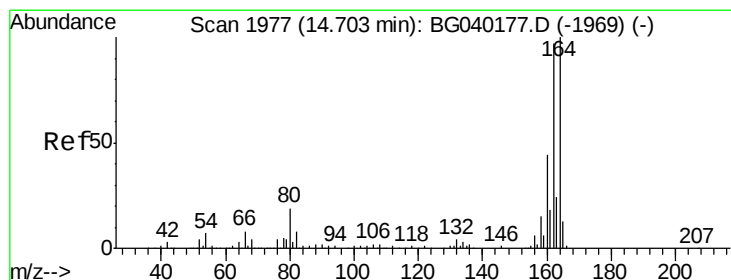
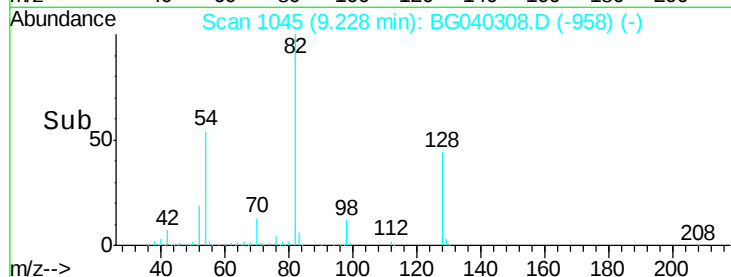
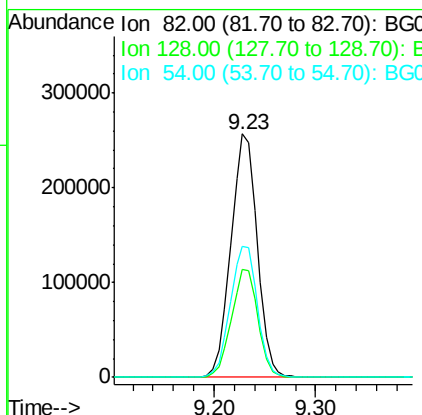
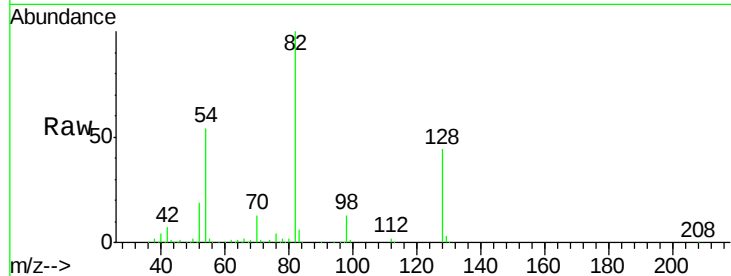




#23
Nitrobenzene-d5
Concen: 85.989 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

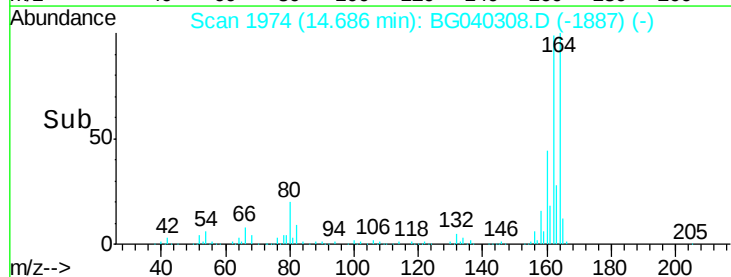
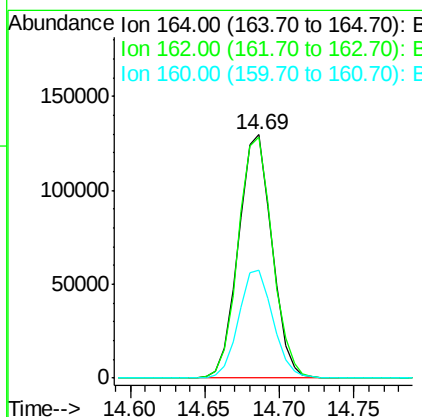
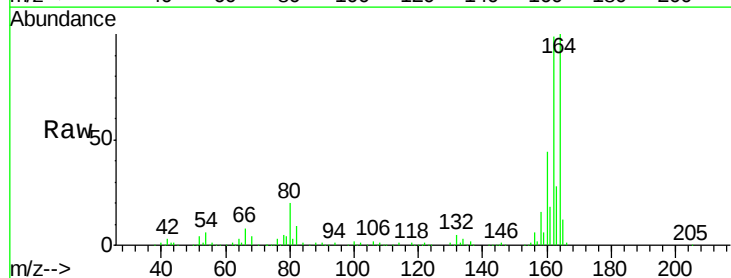
Instrument :
BNA_G
ClientSampleId :
TP-6D

Tgt Ion: 82 Resp: 462073
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.8
54 53.9 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

Tgt Ion: 164 Resp: 201787
Ion Ratio Lower Upper
164 100
162 99.0 77.4 116.2
160 44.5 35.3 52.9

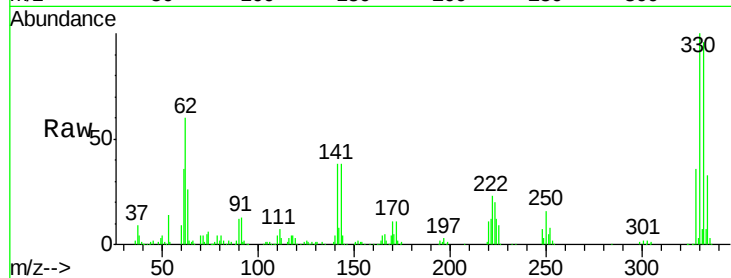




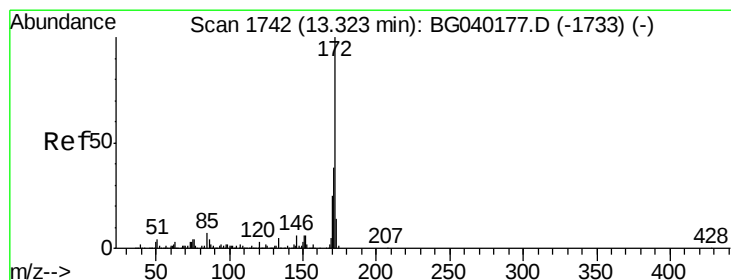
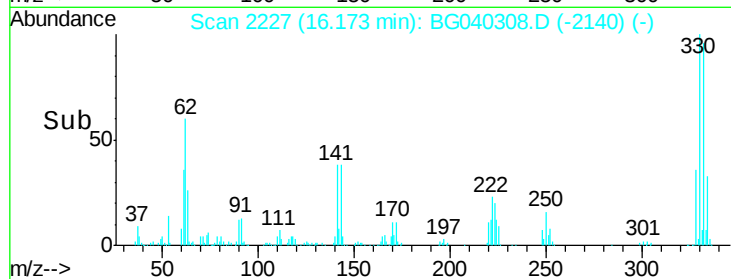
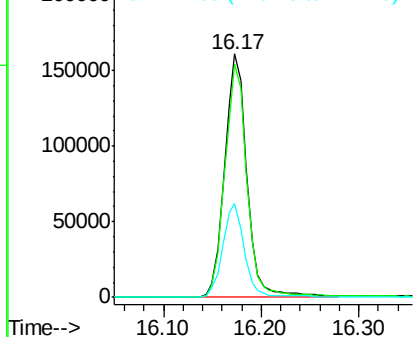
#42
 2,4,6-Tribromophenol
 Concen: 117.182 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040308.D
 Acq: 2 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-6D

Tgt Ion:330 Resp: 255550
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 37.6 32.6 48.8

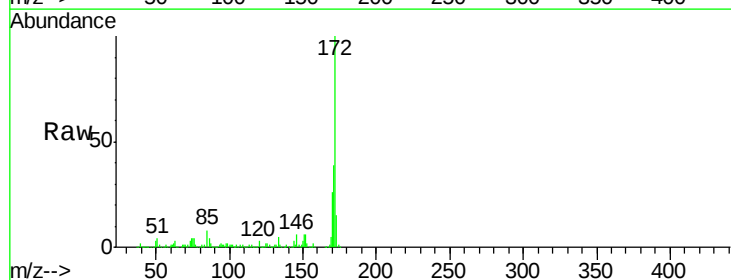


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

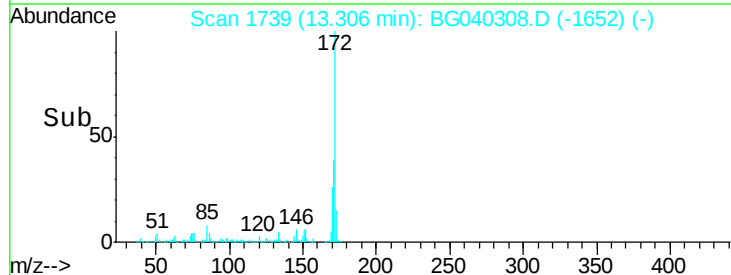
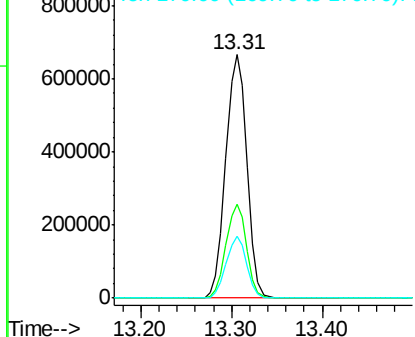


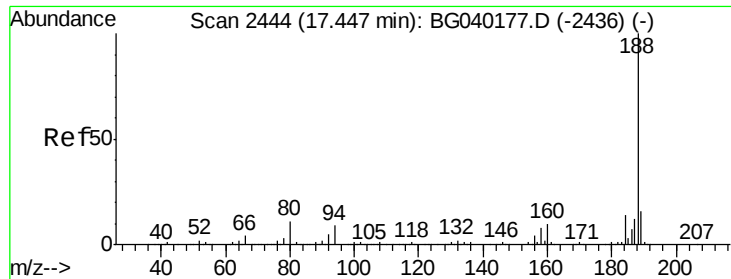
#45
 2-Fluorobiphenyl
 Concen: 78.970 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040308.D
 Acq: 2 Apr 2019 22:39

Tgt Ion:172 Resp: 1075419
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.5 45.7
 170 25.5 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

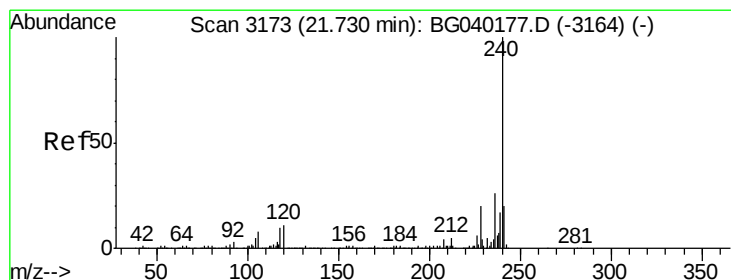
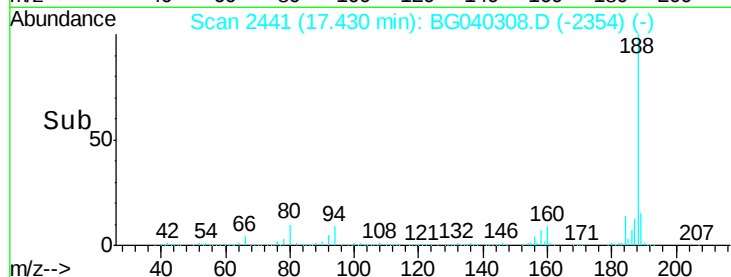
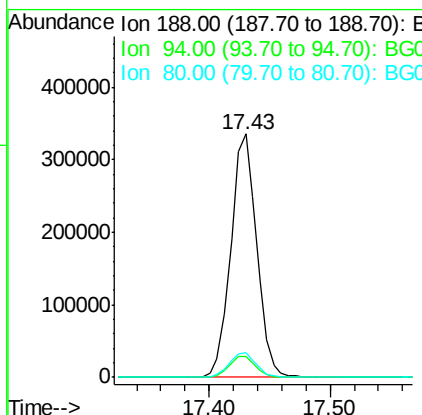
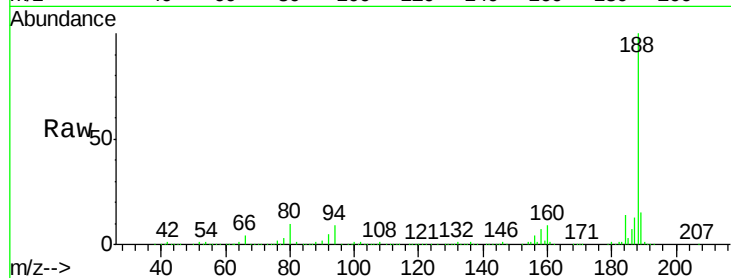




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

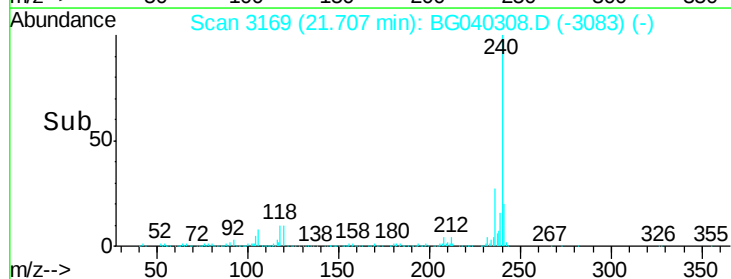
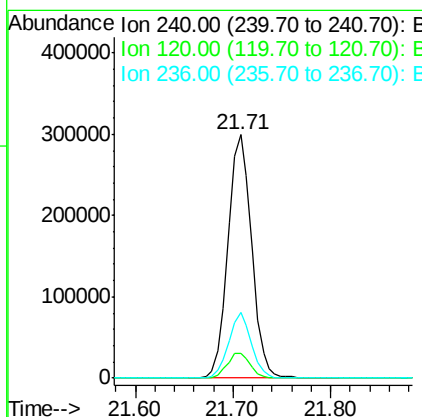
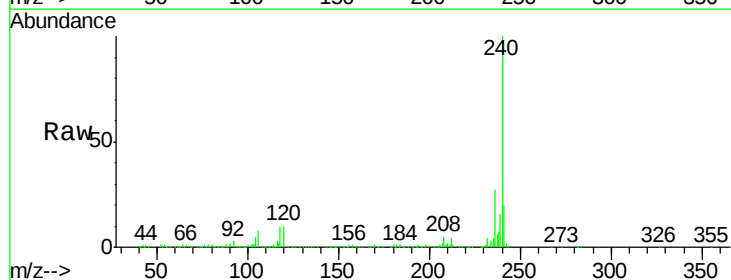
Instrument :
BNA_G
ClientSampleId :
TP-6D

Tgt Ion:188 Resp: 501104
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 10.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040308.D
Acq: 2 Apr 2019 22:39

Tgt Ion:240 Resp: 503696
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 27.1 20.8 31.2





#79

Terphenyl-d14

Concen: 79.577 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040308.D

Acq: 2 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

TP-6D

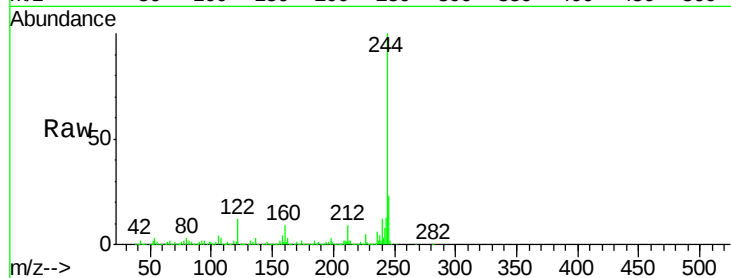
Tgt Ion:244 Resp: 1781718

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

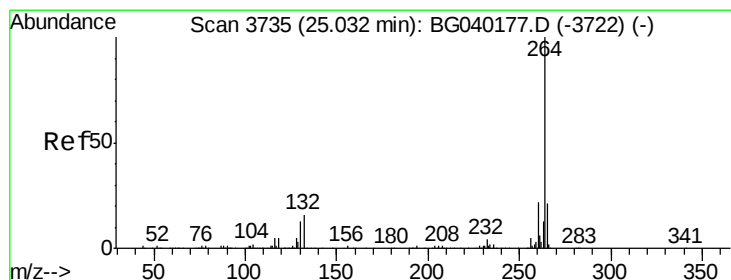
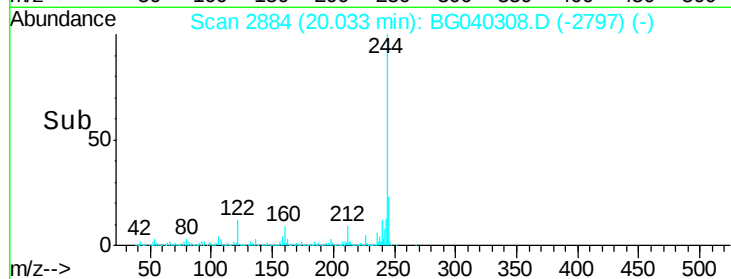
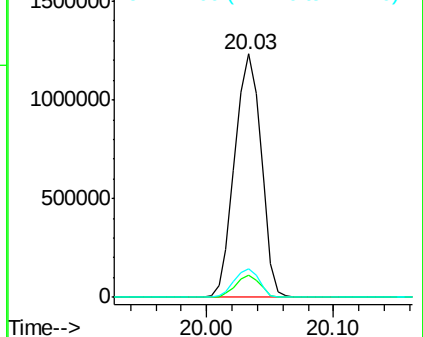
122 12.0 8.5 12.7



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: BG040308.D

Acq: 2 Apr 2019 22:39

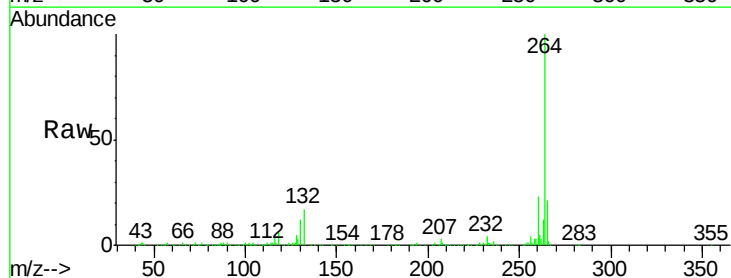
Tgt Ion:264 Resp: 501842

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.1 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

