

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039606.D
 Acq On : 26 Feb 2019 18:40
 Operator : JU/SJ
 Sample : K1597-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Feb 27 03:20:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

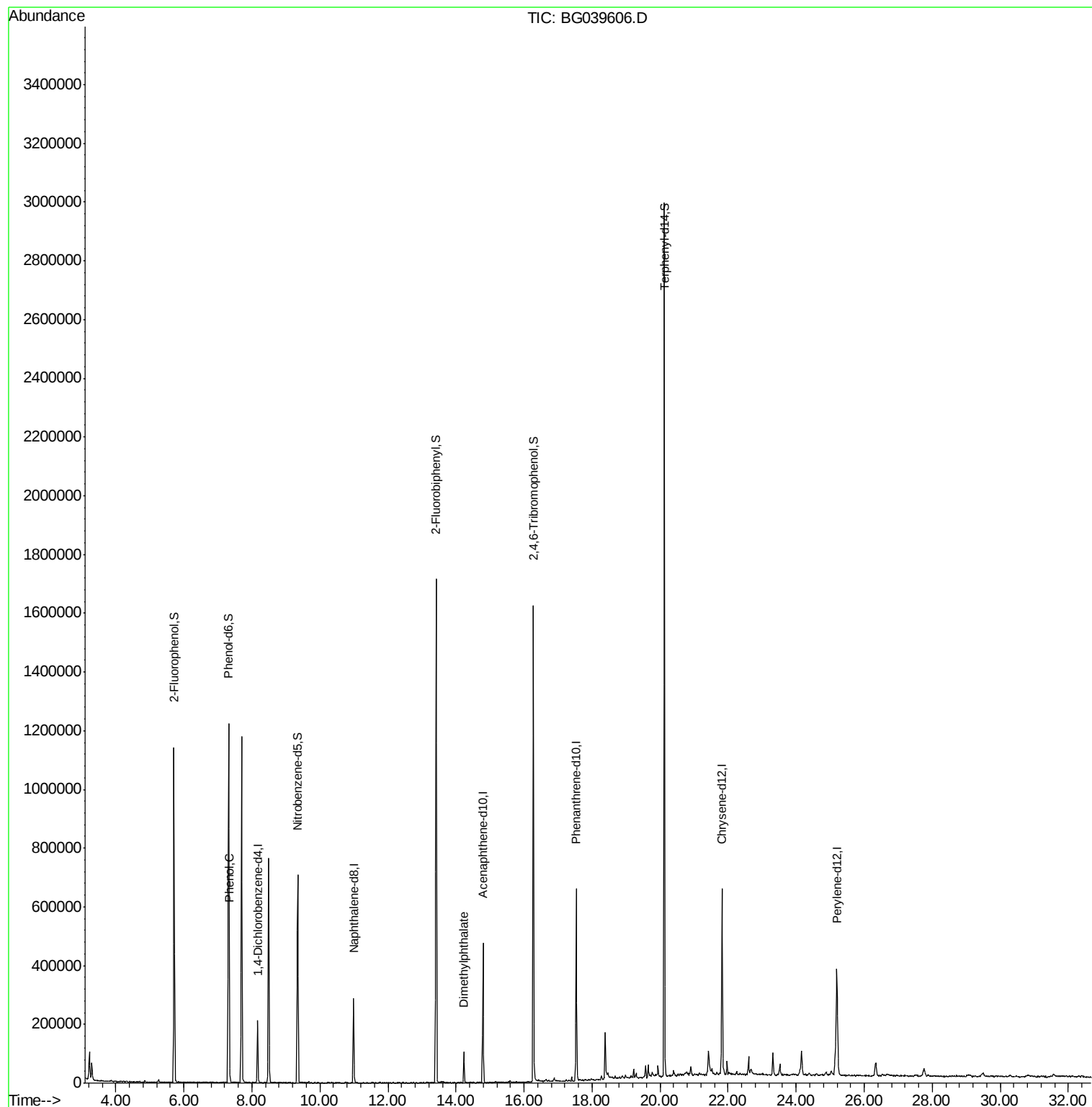
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58014	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	253402	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	169311	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	409999	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	403640	20.00	ng	-0.03
87) Perylene-d12	25.20	264	405424	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	493277	145.52	ng	0.00
7) Phenol-d6	7.31	99	724189	145.14	ng	0.00
23) Nitrobenzene-d5	9.35	82	432235	106.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	293653	161.07	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	918975	77.86	ng	-0.02
79) Terphenyl-d14	20.13	244	1362627	71.46	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	23117	4.445	ng	84
50) Dimethylphthalate	14.23	163	72905	5.332	ng	99

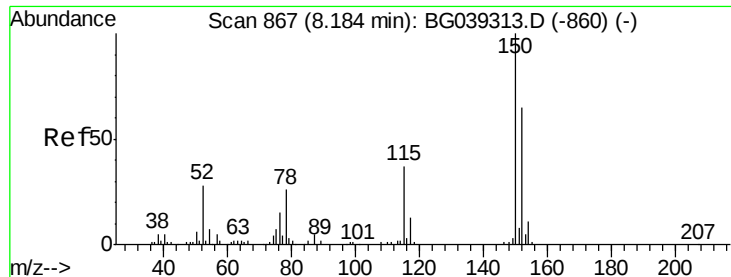
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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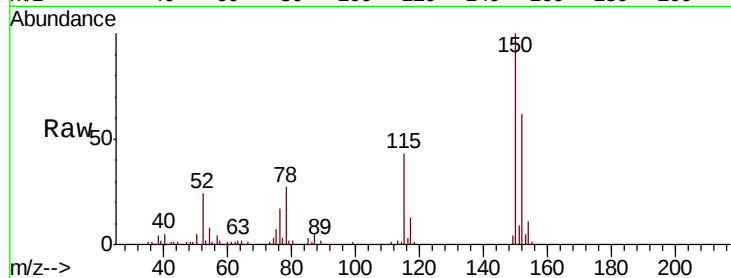


#1

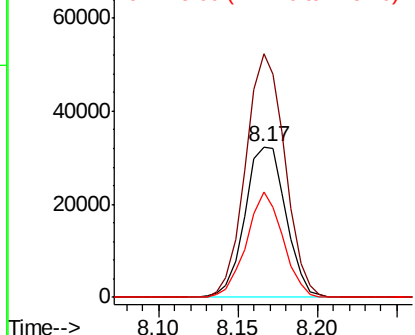
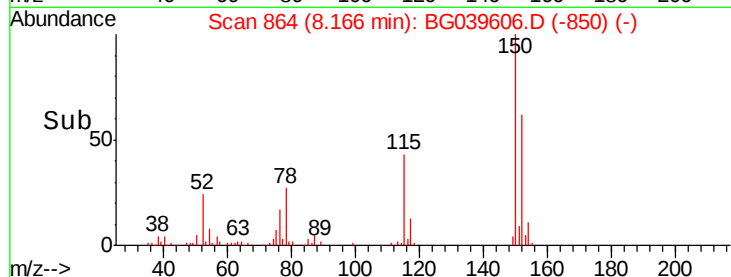
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039606.D
Acq: 26 Feb 2019 18:40

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion:152 Resp: 58014
Ion Ratio Lower Upper
152 100
150 161.5 123.7 185.5
115 70.1 45.9 68.9#



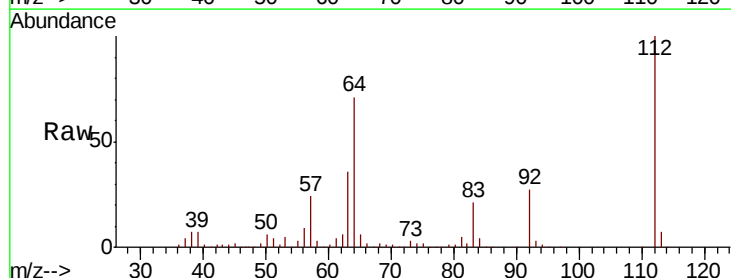
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



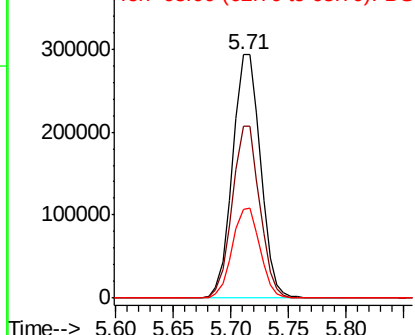
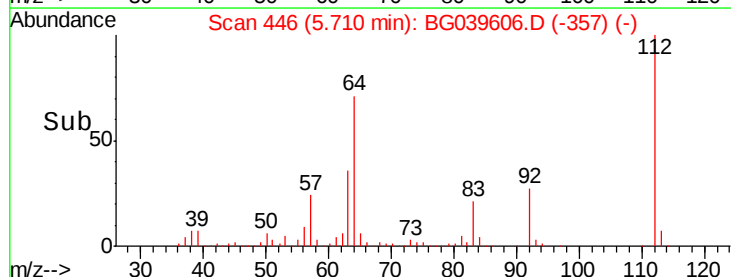
#5

2-Fluorophenol
Concen: 145.525 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039606.D
Acq: 26 Feb 2019 18:40

Tgt Ion:112 Resp: 493277
Ion Ratio Lower Upper
112 100
64 70.8 57.8 86.8
63 36.3 29.8 44.6



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: 145.144 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039606.D

Acq: 26 Feb 2019 18:40

Instrument :

BNA_G

ClientSampled :

TP-22

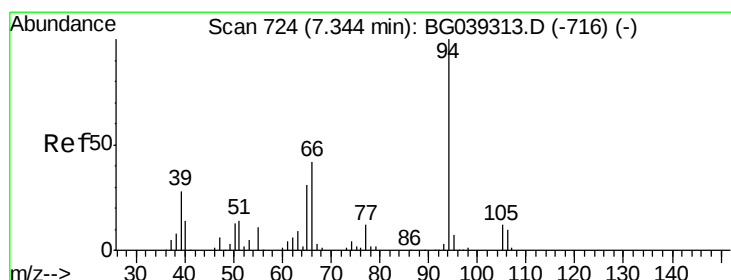
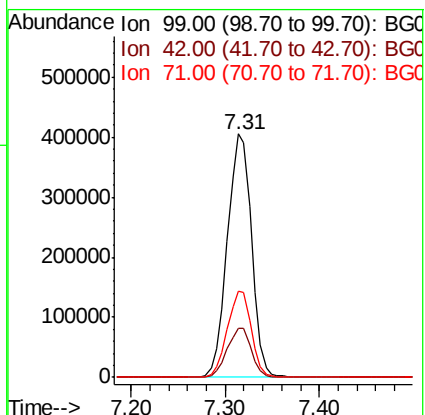
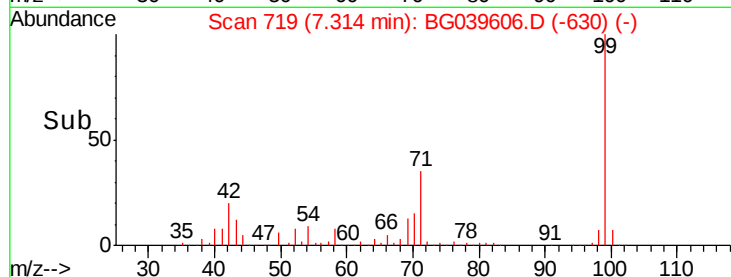
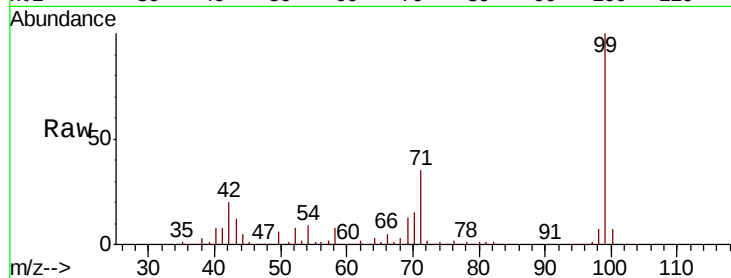
Tot Ion: 99 Resp: 724189

Ion Ratio Lower Upper

99 100

42 19.9 18.2 27.2

71 35.5 28.0 42.0



#10

Phenol

Concen: 4.445 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039606.D

Acq: 26 Feb 2019 18:40

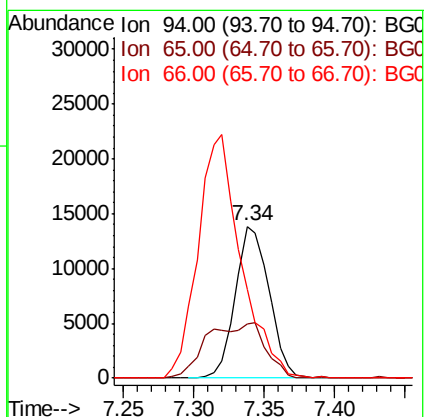
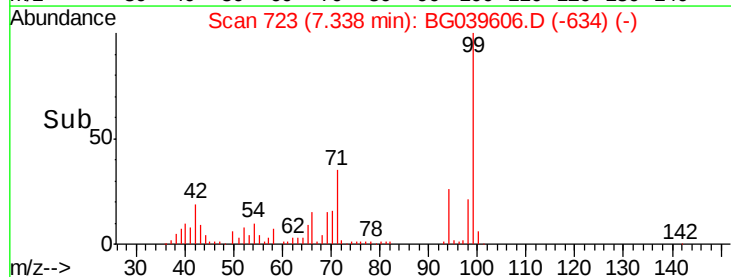
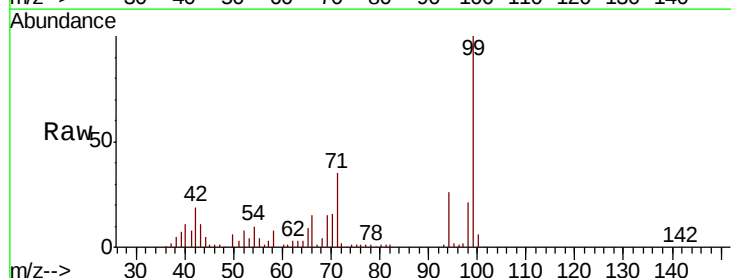
Tgt Ion: 94 Resp: 23117

Ion Ratio Lower Upper

94 100

65 36.0 11.7 51.7

66 58.4 23.7 63.7

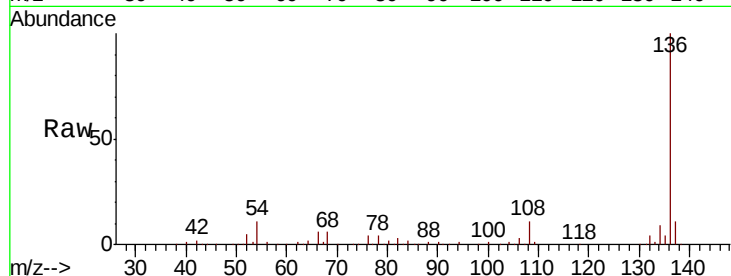




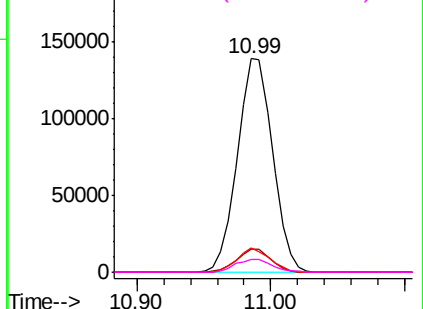
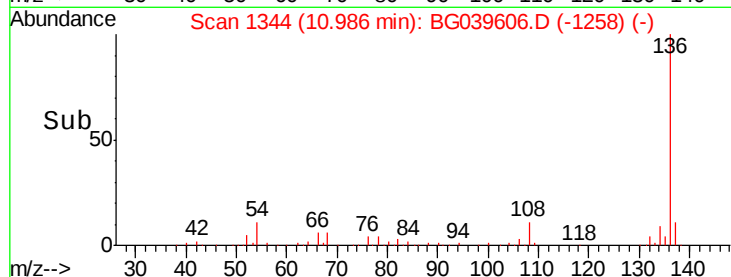
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039606.D
Acq: 26 Feb 2019 18:40

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion:136	Resp:	253402
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	11.2	9.4 14.2
68	5.9	4.2 6.4

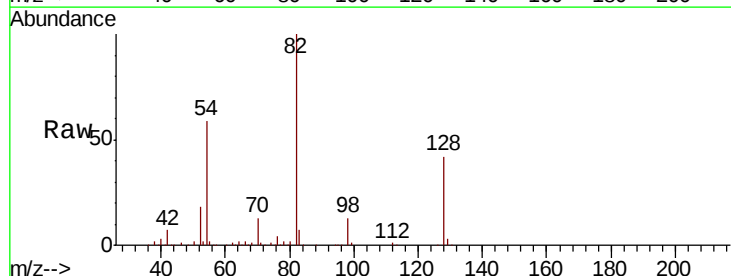


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

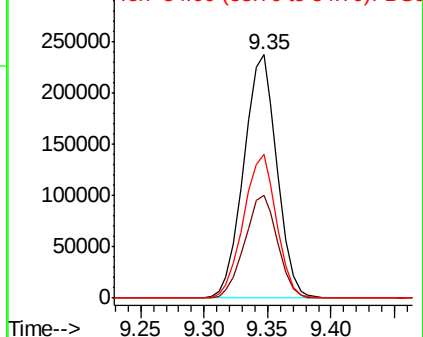
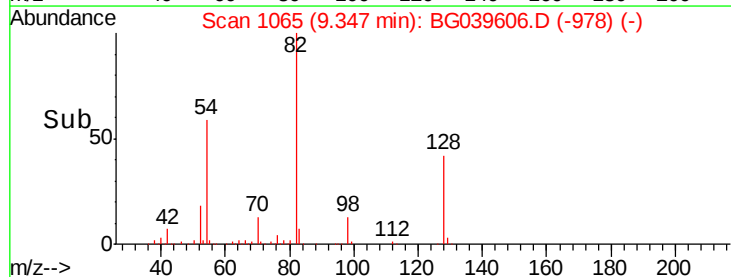


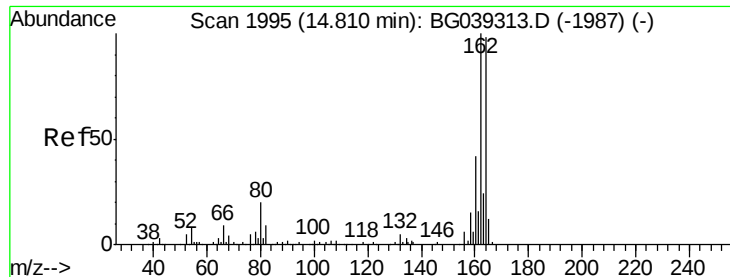
#23
Nitrobenzene-d5
Concen: 106.560 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039606.D
Acq: 26 Feb 2019 18:40

Tgt Ion: 82	Resp:	432235
Ion Ratio	Lower	Upper
82	100	
128	42.2	31.3 46.9
54	59.1	50.9 76.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039606.D

Acq: 26 Feb 2019 18:40

Instrument :

BNA_G

ClientSampled :

TP-22

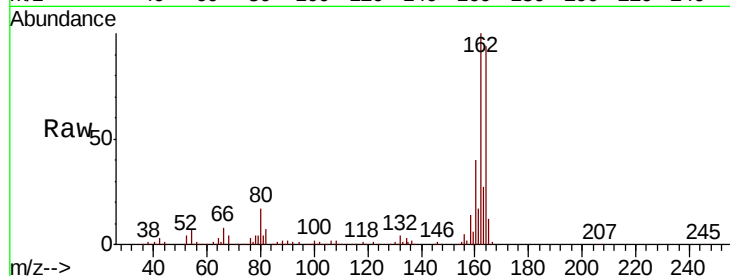
Tot Ion:164 Resp: 169311

Ion Ratio Lower Upper

164 100

162 106.6 81.6 122.4

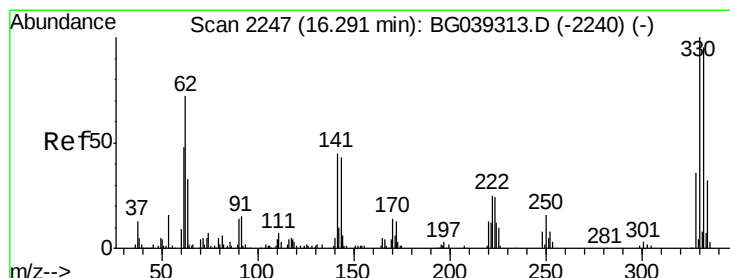
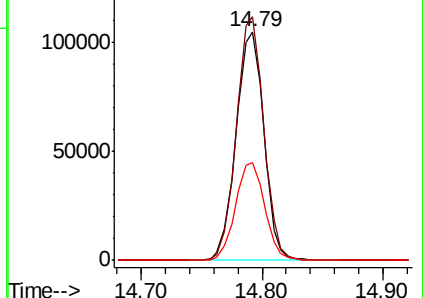
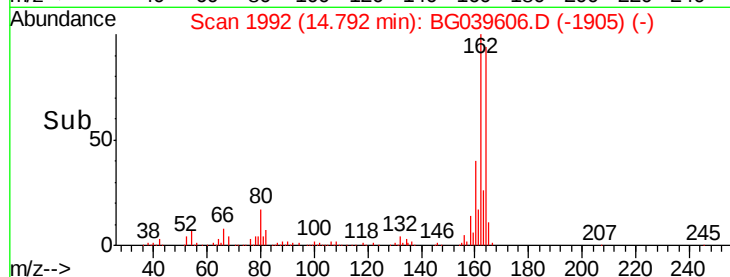
160 42.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 161.066 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039606.D

Acq: 26 Feb 2019 18:40

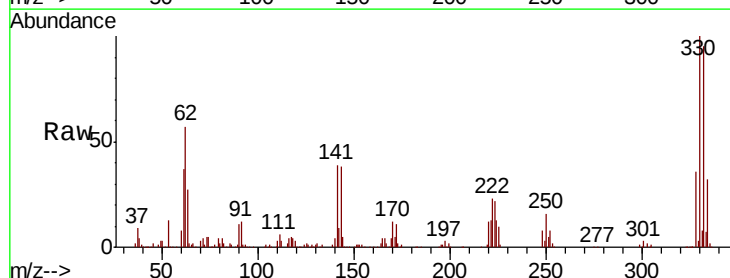
Tgt Ion:330 Resp: 293653

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

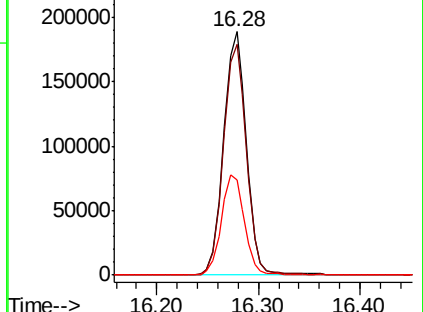
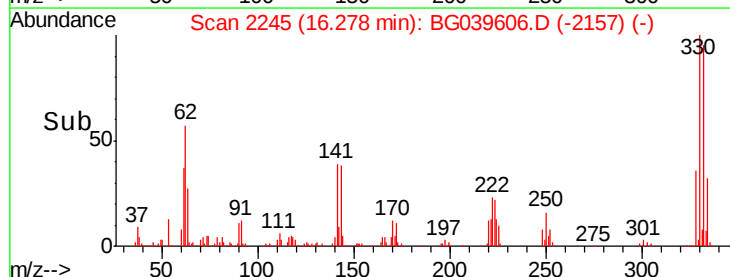
141 41.5 35.6 53.4



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

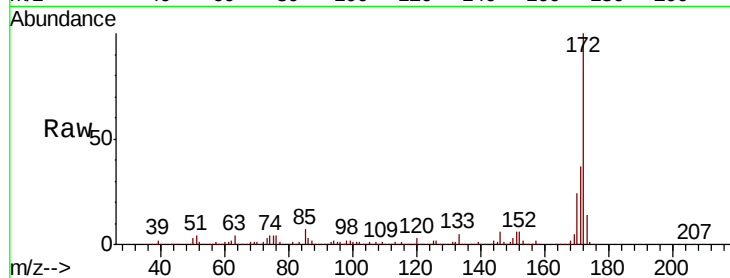




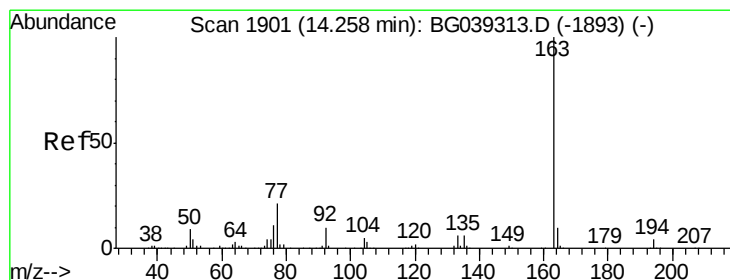
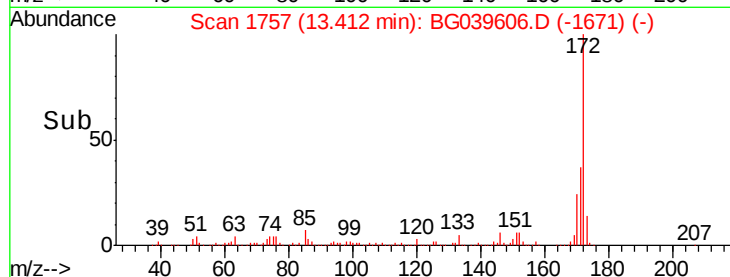
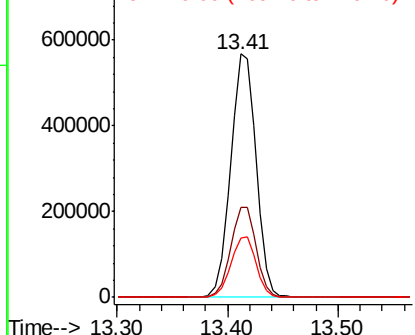
#45
2-Fluorobiphenyl
Concen: 77.864 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039606.D
Acq: 26 Feb 2019 18:40

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion:172 Resp: 918975
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 24.3 20.2 30.4

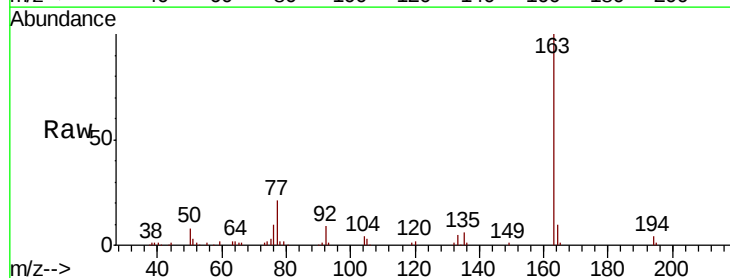


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

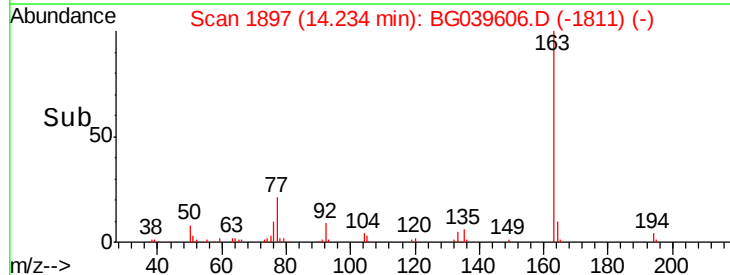
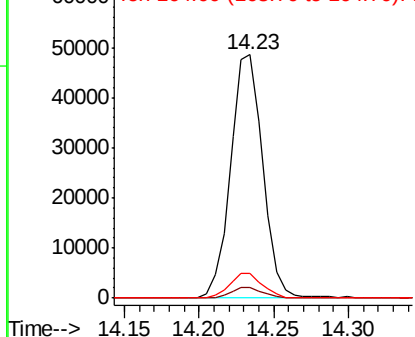


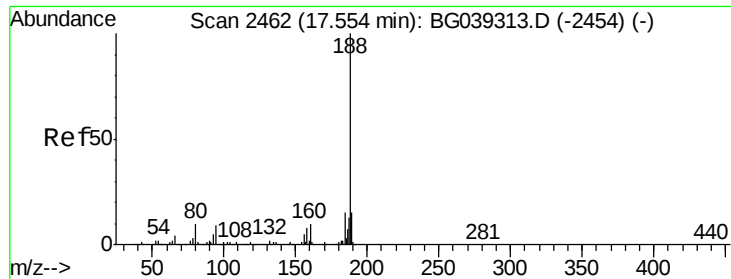
#50
Dimethylphthalate
Concen: 5.332 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.02 min
Lab File: BG039606.D
Acq: 26 Feb 2019 18:40

Tgt Ion:163 Resp: 72905
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039606.D

Acq: 26 Feb 2019 18:40

Instrument :

BNA_G

ClientSampleId :

TP-22

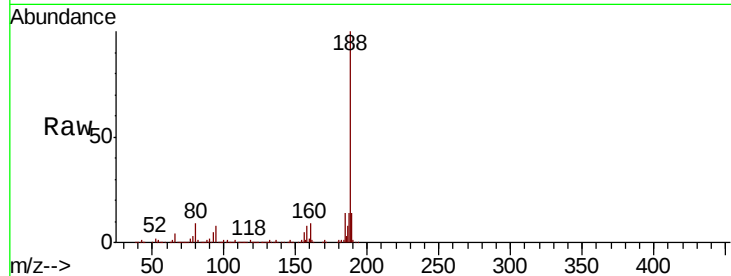
Tot Ion:188 Resp: 409999

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

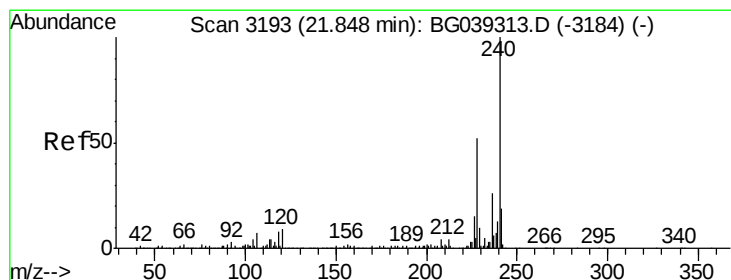
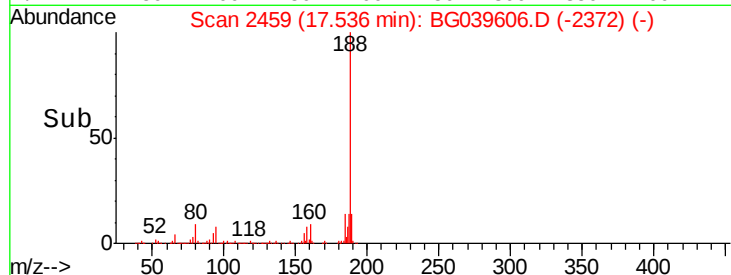
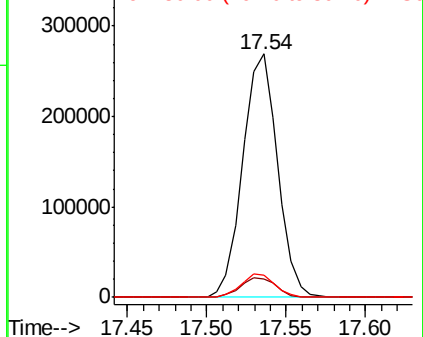
80 9.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.03 min

Lab File: BG039606.D

Acq: 26 Feb 2019 18:40

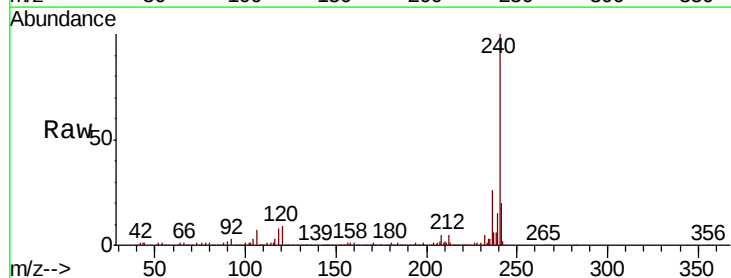
Tgt Ion:240 Resp: 403640

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

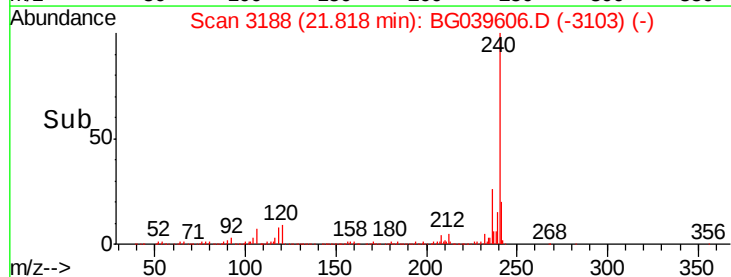
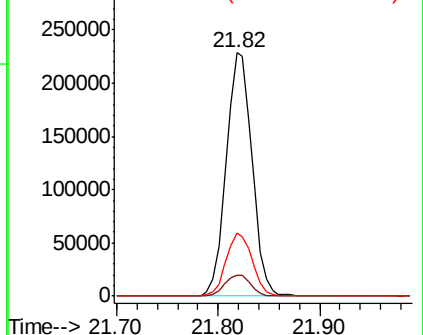
236 25.9 21.0 31.4

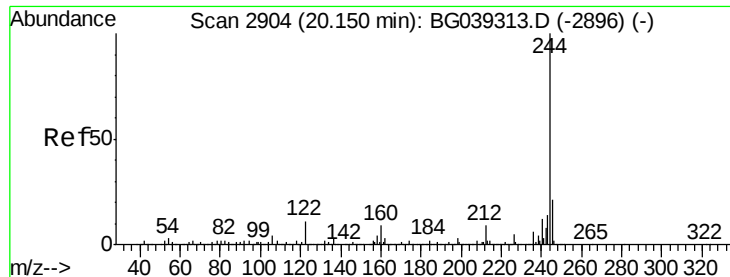


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.456 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039606.D

Acq: 26 Feb 2019 18:40

Instrument :

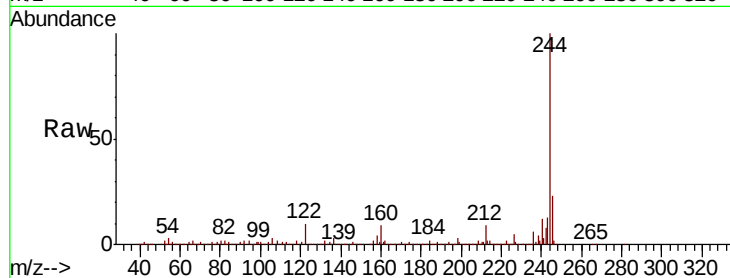
BNA_G

ClientSampleId :

TP-22

Tot Ion:244 Resp: 1362627

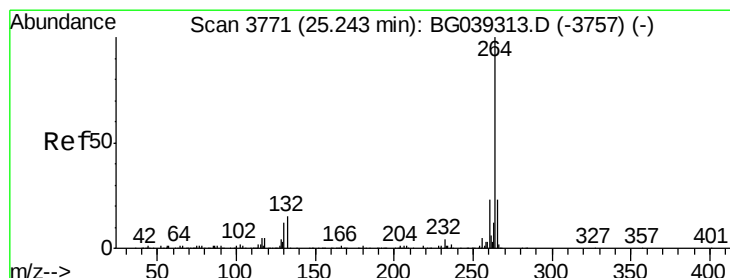
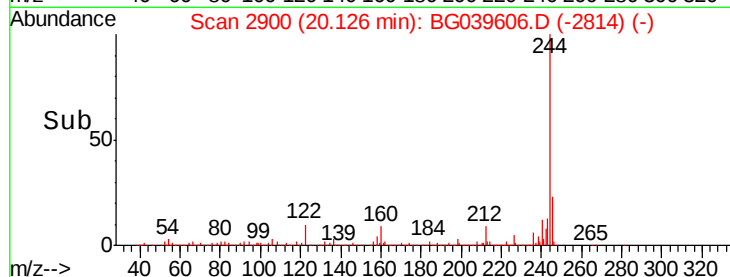
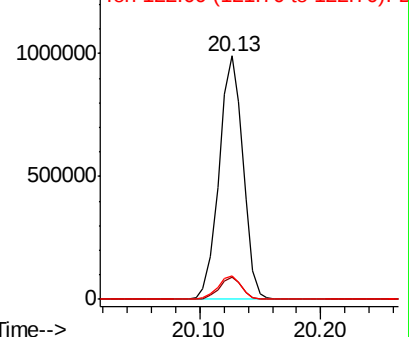
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	9.5	8.4	12.6



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: 25.20 min Scan# 3764

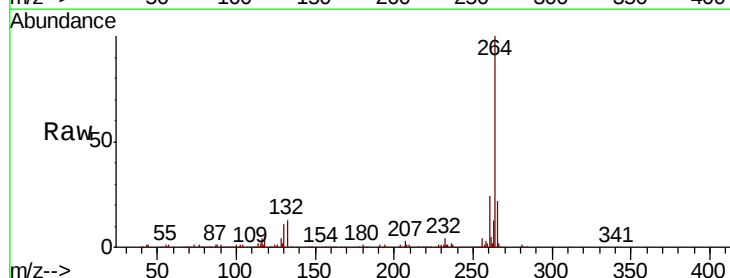
Delta R.T. -0.04 min

Lab File: BG039606.D

Acq: 26 Feb 2019 18:40

Tgt Ion:264 Resp: 405424

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.5	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

