

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040433.D
 Acq On : 11 Apr 2019 4:25
 Operator : JU/SJ
 Sample : K2342-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

Quant Time: Apr 11 07:08:58 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	42793	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	161451	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	101248	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	285569	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	340502	20.00	ng	-0.04
87) Perylene-d12	24.97	264	337783	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	314485	122.17	ng	-0.02
7) Phenol-d6	7.20	99	389597	109.51	ng	-0.02
23) Nitrobenzene-d5	9.22	82	294560	96.98	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	171790	157.00	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	668221	97.79	ng	-0.03
79) Terphenyl-d14	20.02	244	1322291	87.36	ng	-0.03

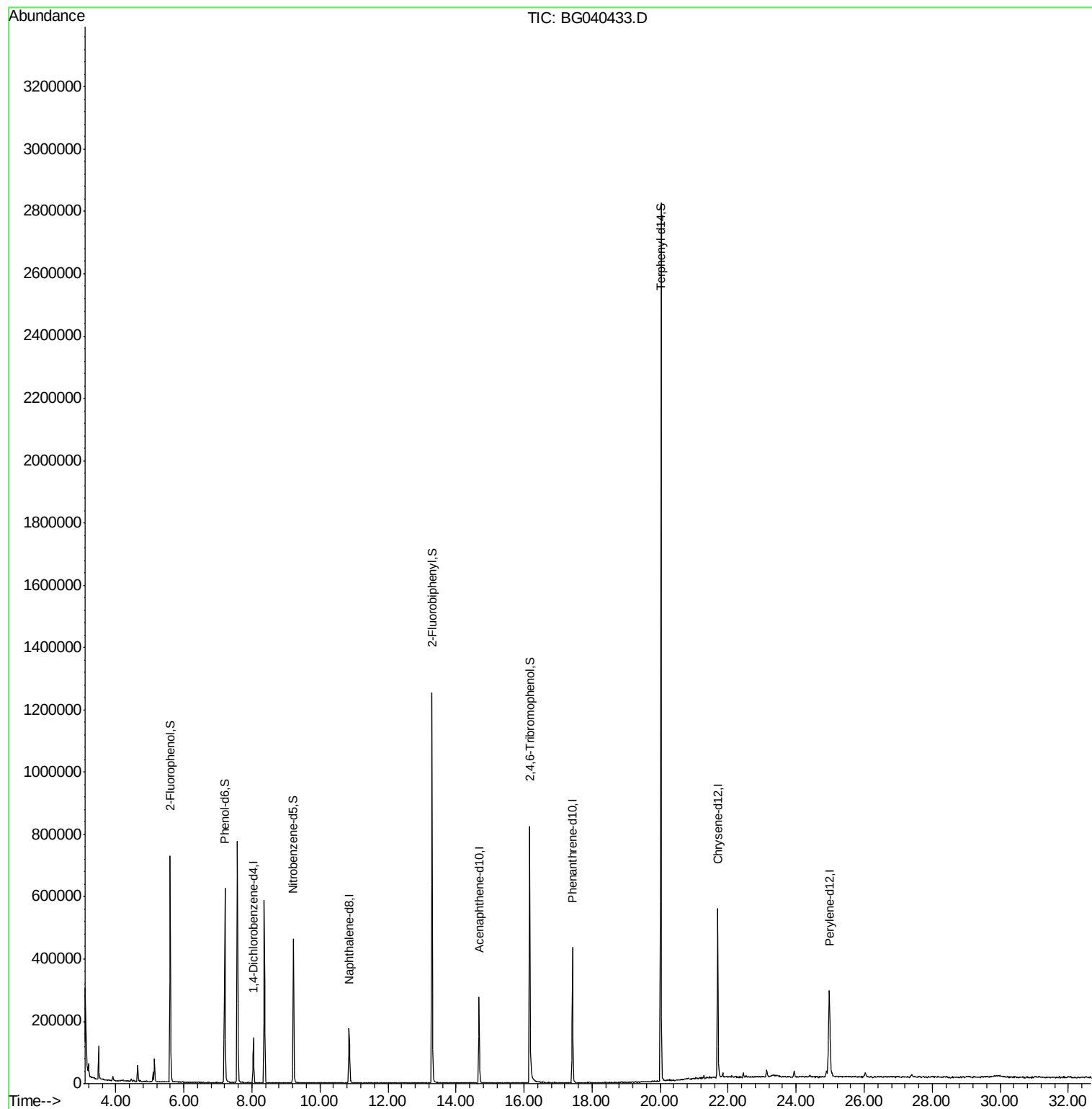
Target Compounds Qvalue

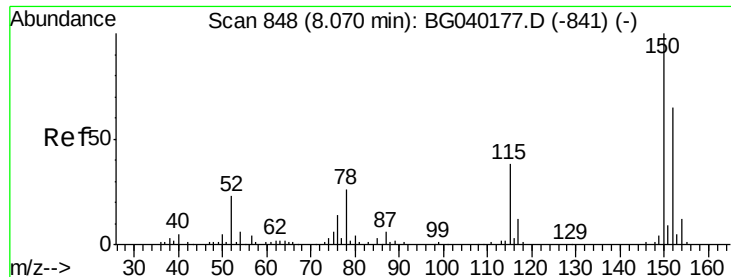
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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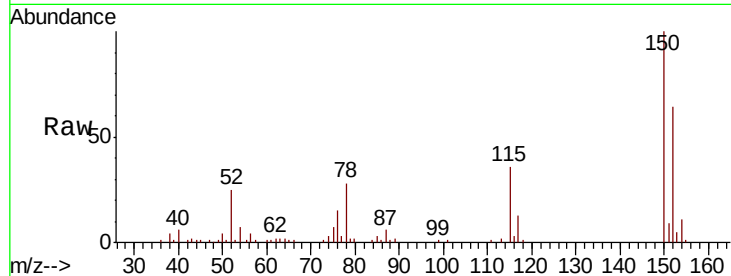


#1

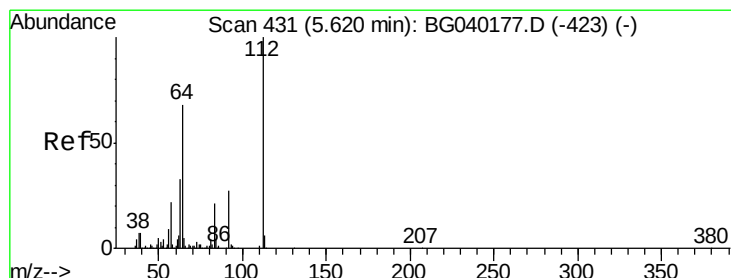
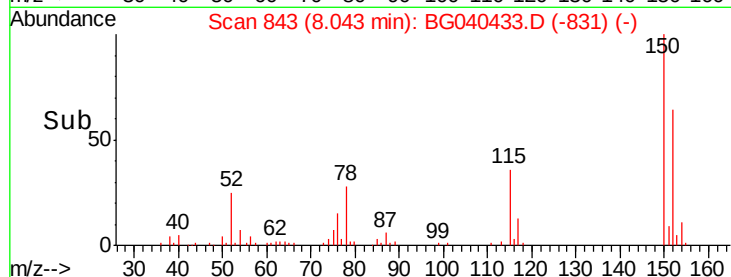
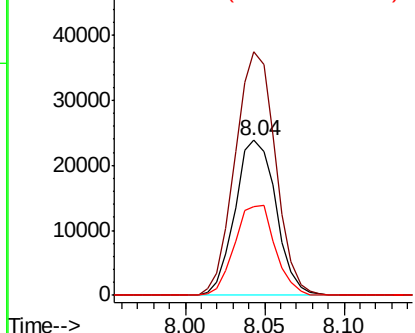
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040433.D
Acq: 11 Apr 2019 4:25

Instrument :
BNA_G
ClientSampleId :
TP-11-D

Tot Ion:152 Resp: 42793
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 57.1 46.9 70.3



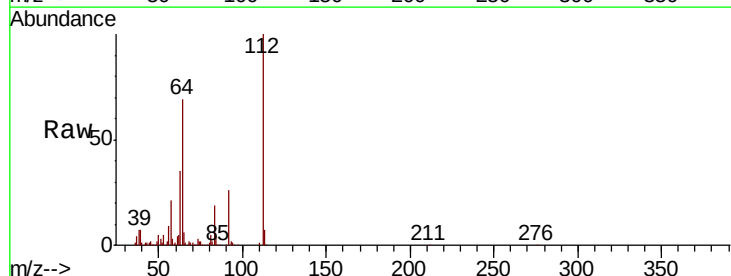
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



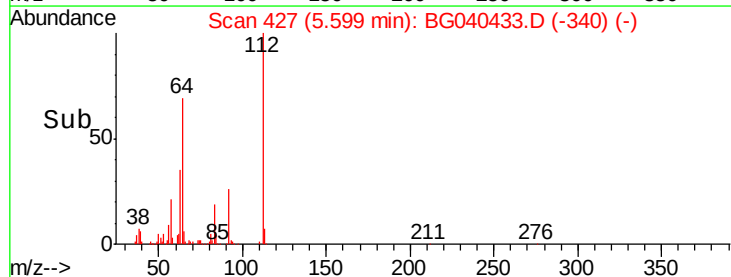
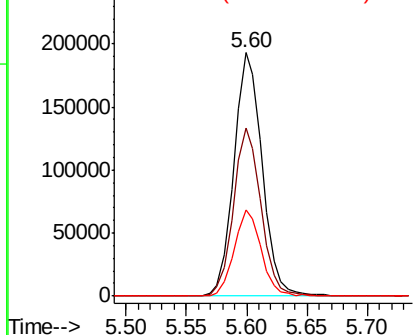
#5

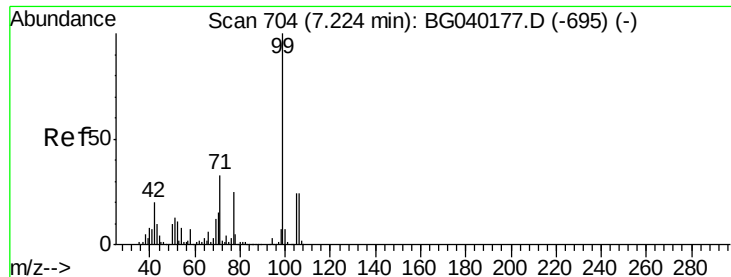
2-Fluorophenol
Concen: 122.170 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040433.D
Acq: 11 Apr 2019 4:25

Tgt Ion:112 Resp: 314485
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.2
63 35.3 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: 109.514 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040433.D

Acq: 11 Apr 2019 4:25

Instrument :

BNA_G

ClientSampled :

TP-11-D

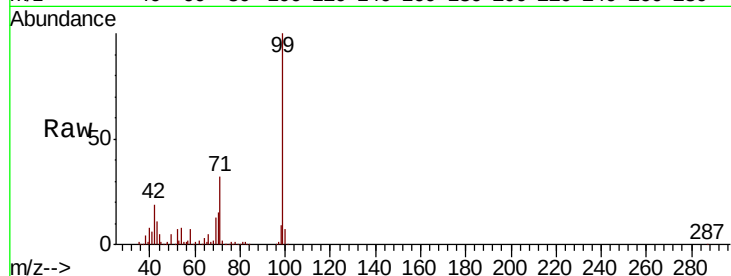
Tot Ion: 99 Resp: 389597

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.2

71 31.8 26.8 40.2

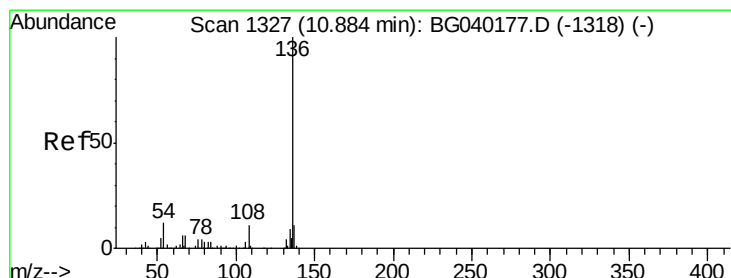
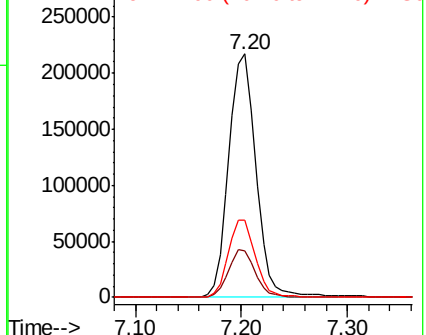
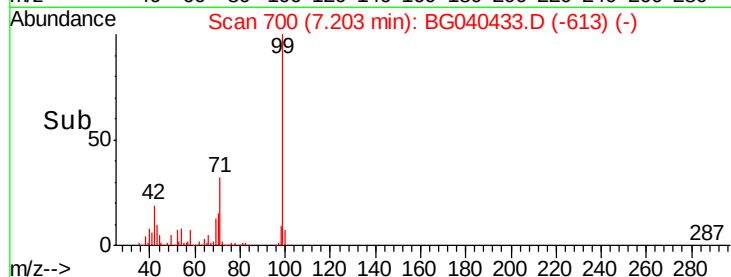


Abundance

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: BG040433.D

Acq: 11 Apr 2019 4:25

Tgt Ion: 136 Resp: 161451

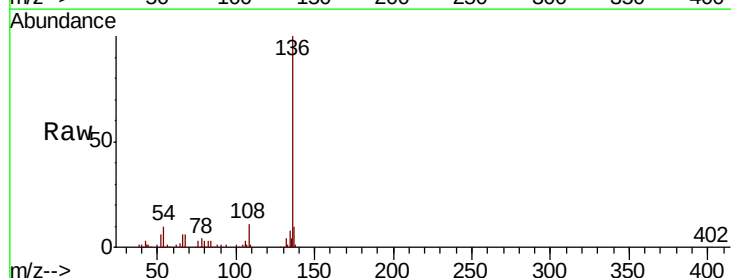
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 10.2 9.6 14.4

68 6.3 5.1 7.7



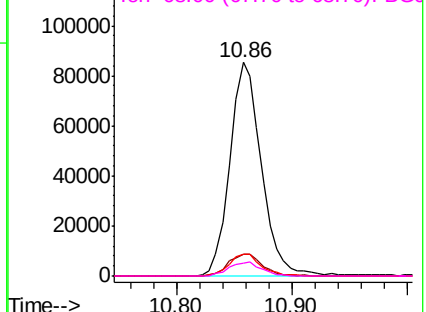
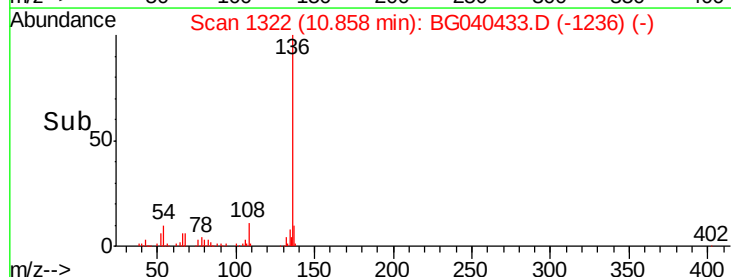
Abundance

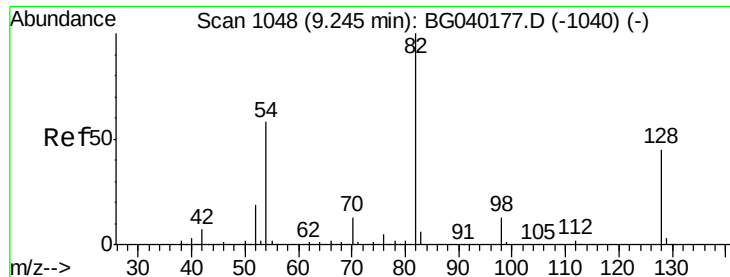
Ion 136.00 (135.70 to 136.70): BGC

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

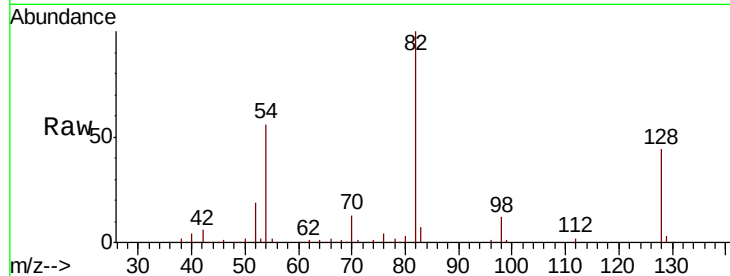




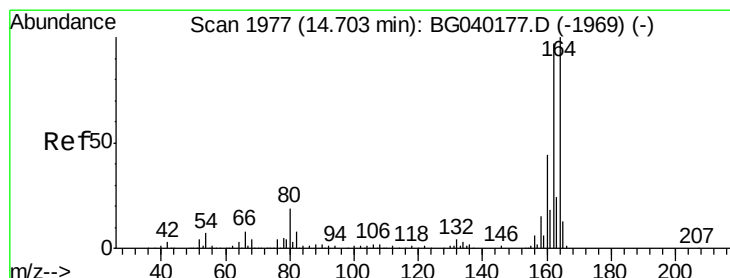
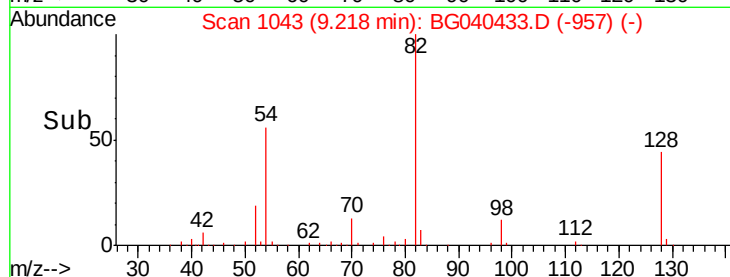
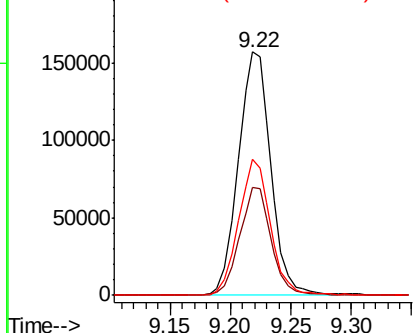
#23
Nitrobenzene-d5
Concen: 96.976 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040433.D
Acq: 11 Apr 2019 4:25

Instrument :
BNA_G
ClientSampleId :
TP-11-D

Tot Ion: 82 Resp: 294560
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.8
54 56.0 46.2 69.2

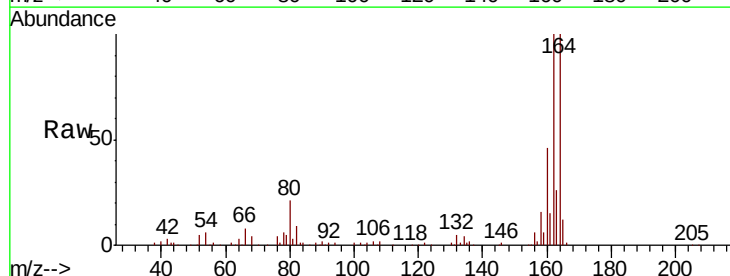


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

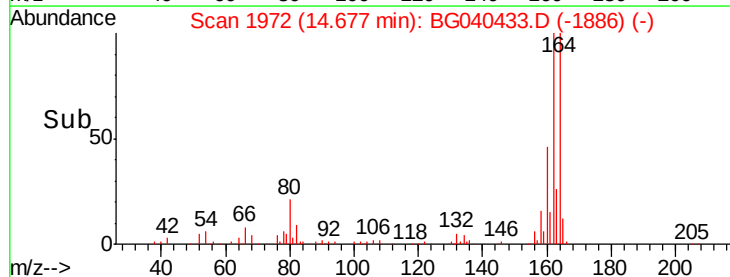
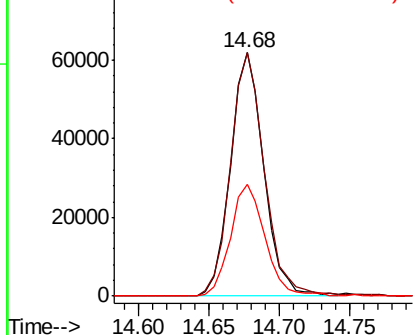


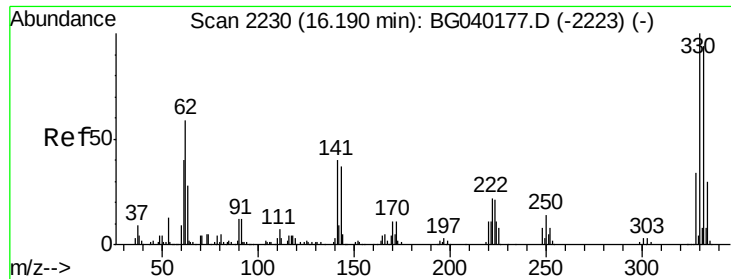
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040433.D
Acq: 11 Apr 2019 4:25

Tgt Ion: 164 Resp: 101248
Ion Ratio Lower Upper
164 100
162 100.1 77.4 116.2
160 45.7 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

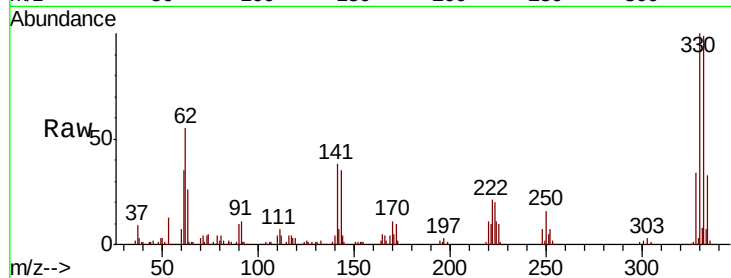




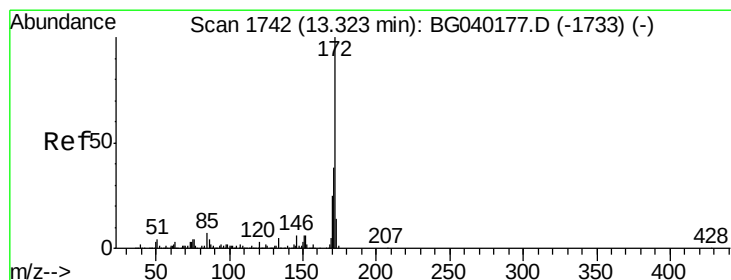
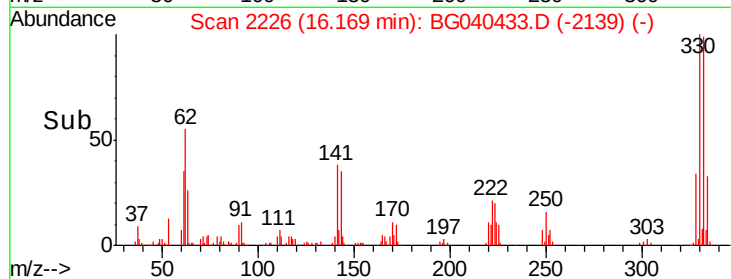
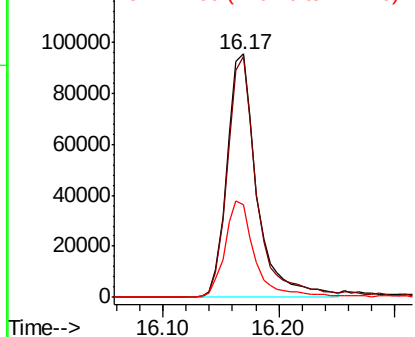
#42
 2,4,6-Tribromophenol
 Concen: 156.997 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040433.D
 Acq: 11 Apr 2019 4:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

Tot Ion:330 Resp: 171790
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 40.3 32.6 48.8

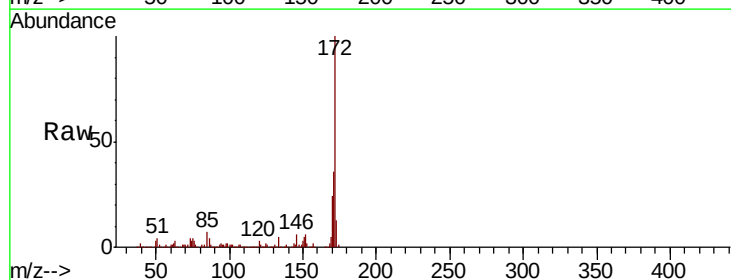


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

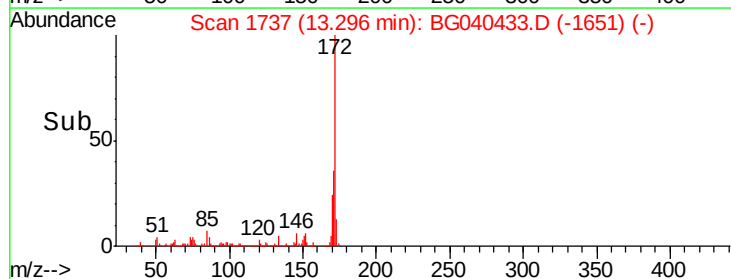
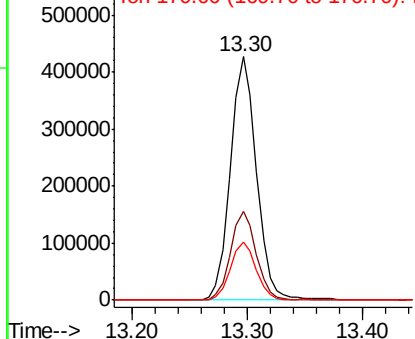


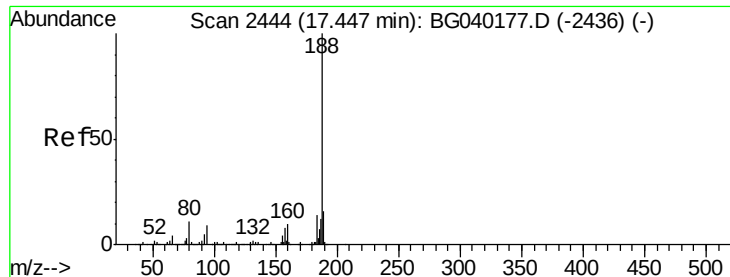
#45
 2-Fluorobiphenyl
 Concen: 97.794 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040433.D
 Acq: 11 Apr 2019 4:25

Tgt Ion:172 Resp: 668221
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.5 45.7
 170 24.1 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: BG040433.D

Acq: 11 Apr 2019 4:25

Instrument :

BNA_G

ClientSampleId :

TP-11-D

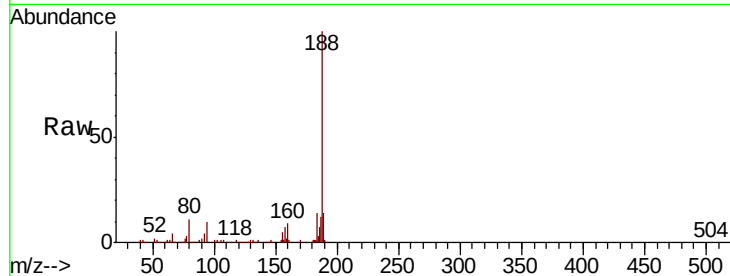
Tot Ion:188 Resp: 285569

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

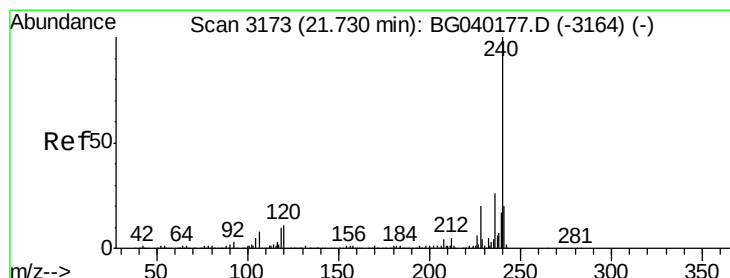
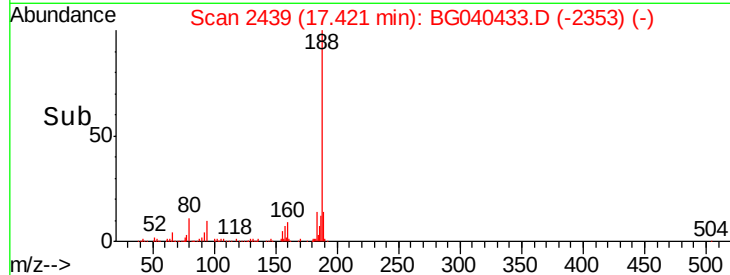
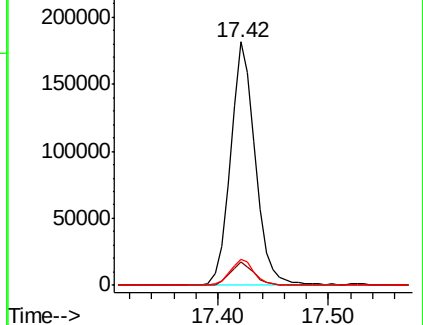
80 10.7 8.6 13.0



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040433.D

Acq: 11 Apr 2019 4:25

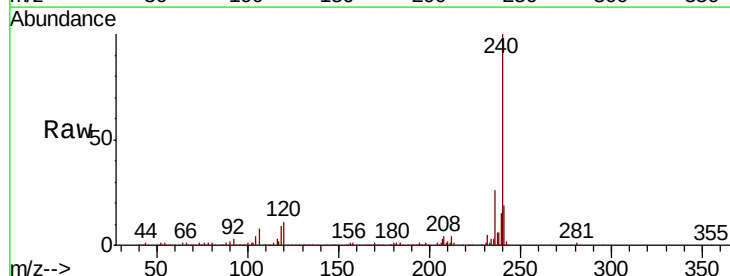
Tgt Ion:240 Resp: 340502

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

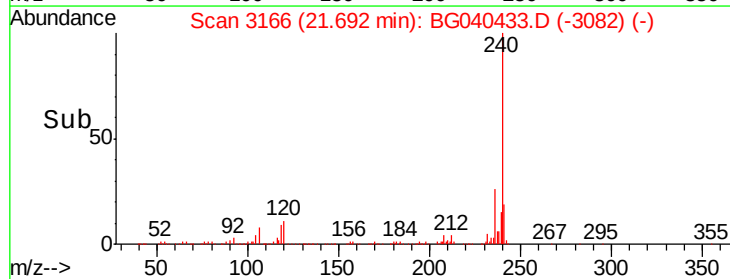
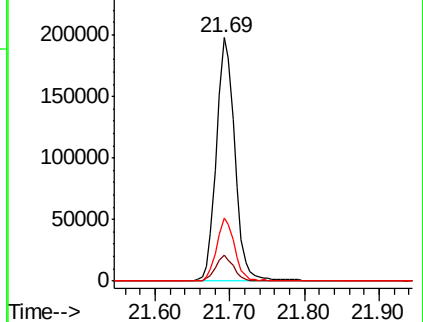
236 25.8 20.8 31.2

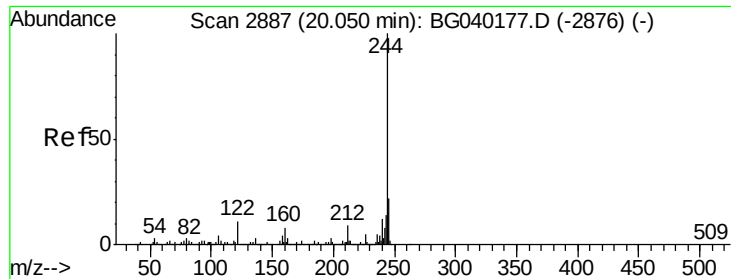


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.362 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040433.D

Acq: 11 Apr 2019 4:25

Instrument :

BNA_G

ClientSampleId :

TP-11-D

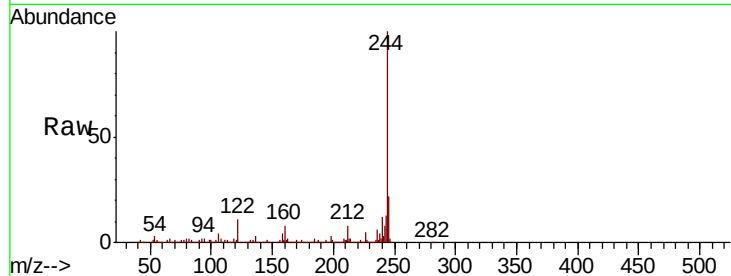
Tot Ion:244 Resp: 1322291

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

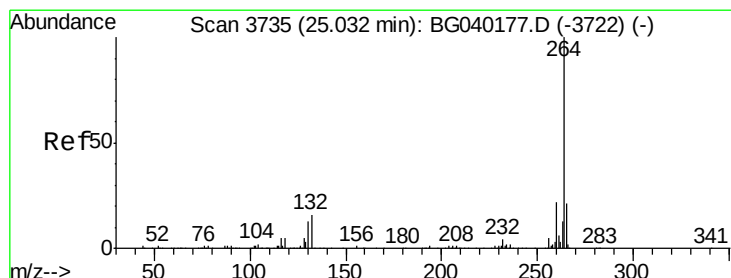
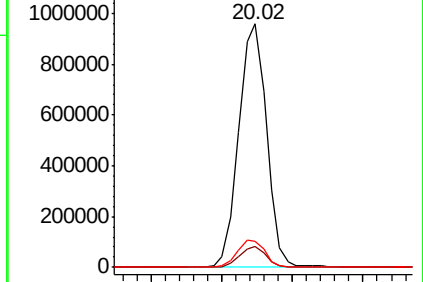
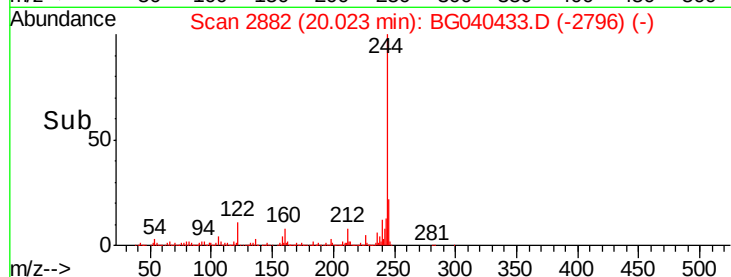
122 10.9 8.5 12.7



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: BG040433.D

Acq: 11 Apr 2019 4:25

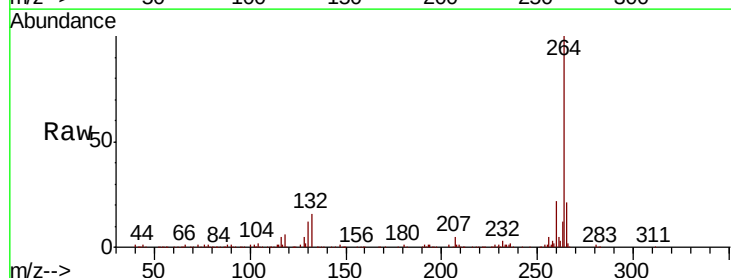
Tgt Ion:264 Resp: 337783

Ion Ratio Lower Upper

264 100

260 22.0 17.9 26.9

265 20.7 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

