

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040511.D
 Acq On : 16 Apr 2019 20:10
 Operator : JU/SJ
 Sample : K2423-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP2-B

Quant Time: Apr 17 03:22:52 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

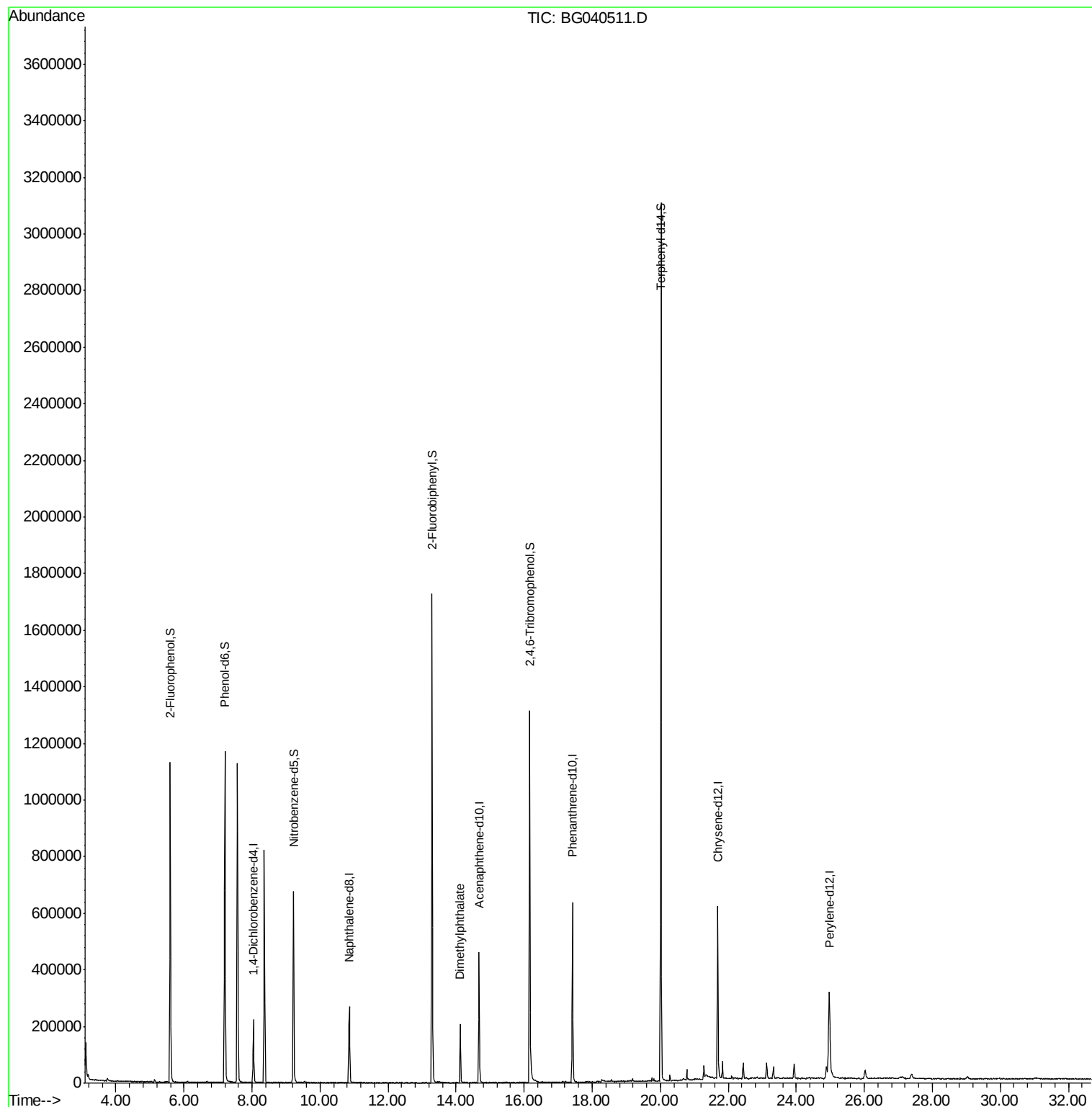
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63008	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	246177	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	158382	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	416915	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	362948	20.00	ng	-0.04
87) Perylene-d12	24.97	264	388704	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	506011	133.51	ng	-0.02
7) Phenol-d6	7.20	99	714613	136.43	ng	-0.02
23) Nitrobenzene-d5	9.22	82	428817	92.59	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	261483	152.76	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	944751	88.39	ng	-0.03
79) Terphenyl-d14	20.02	244	1477307	91.57	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	151007	12.182	ng	Qvalue 96

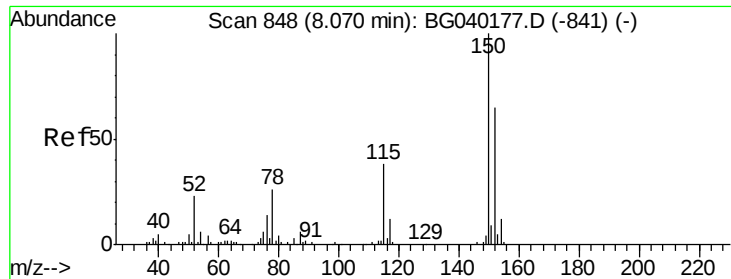
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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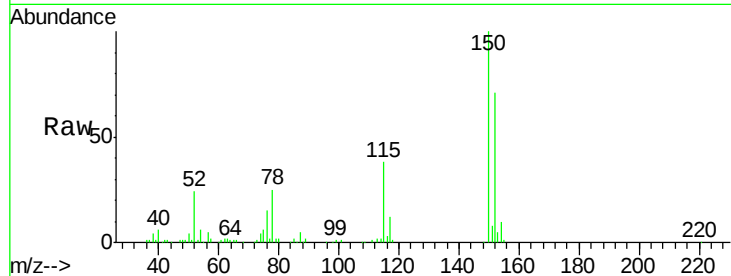


#1

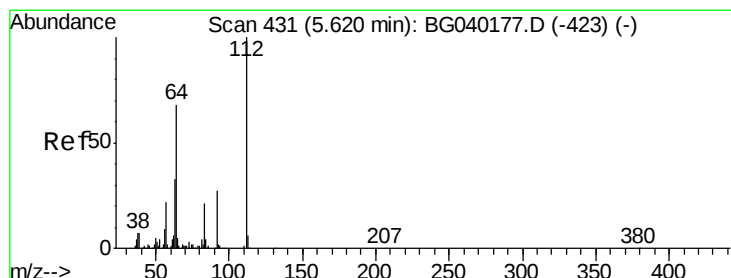
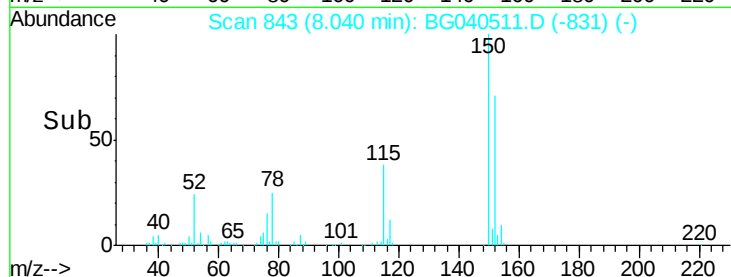
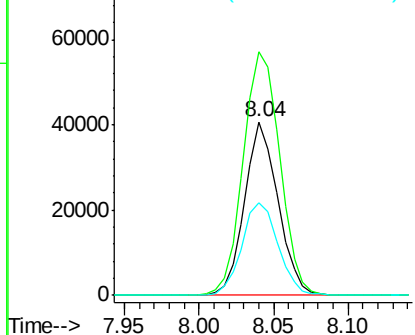
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040511.D
Acq: 16 Apr 2019 20:10

Instrument :
BNA_G
ClientSampleId :
TP2-B

Tgt Ion:152 Resp: 63008
Ion Ratio Lower Upper
152 100
150 140.3 123.7 185.5
115 53.6 46.9 70.3



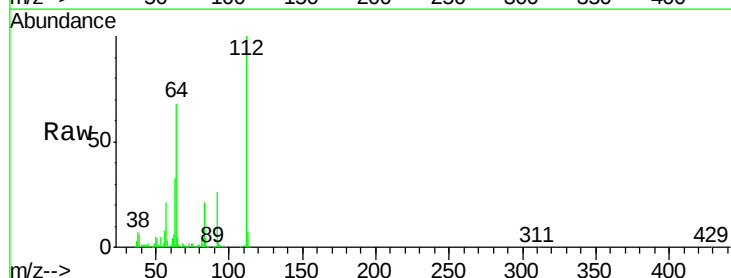
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



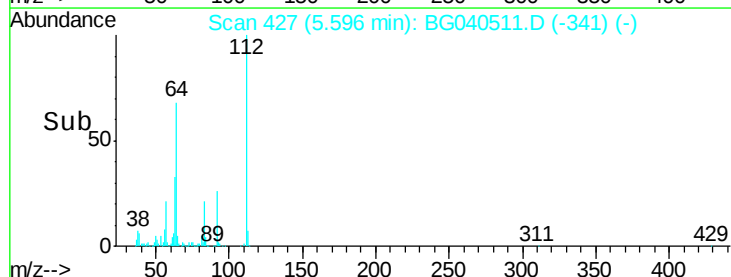
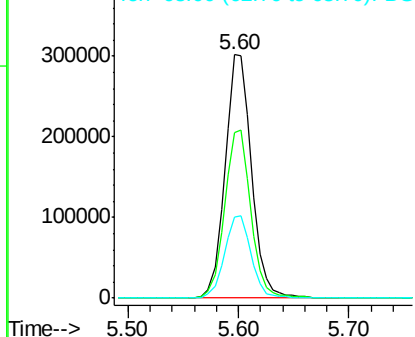
#5

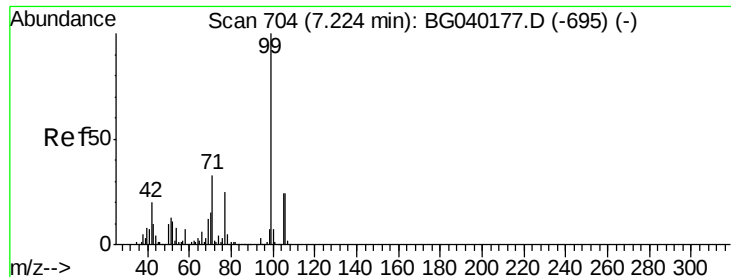
2-Fluorophenol
Concen: 133.507 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040511.D
Acq: 16 Apr 2019 20:10

Tgt Ion:112 Resp: 506011
Ion Ratio Lower Upper
112 100
64 68.1 54.2 81.2
63 33.3 26.4 39.6



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: 136.427 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040511.D

Acq: 16 Apr 2019 20:10

Instrument :

BNA_G

ClientSampled :

TP2-B

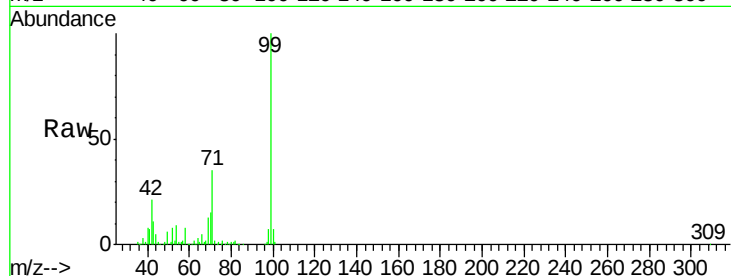
Tgt Ion: 99 Resp: 714613

Ion Ratio Lower Upper

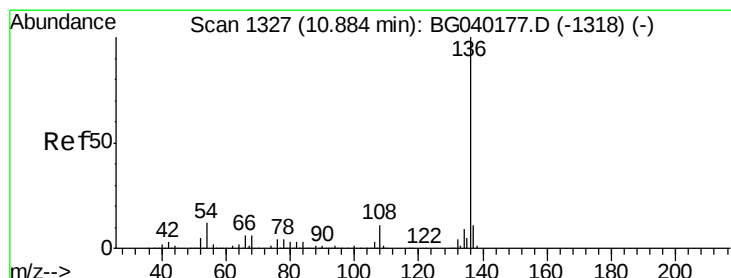
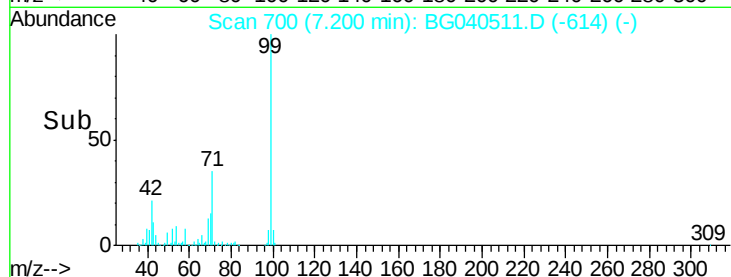
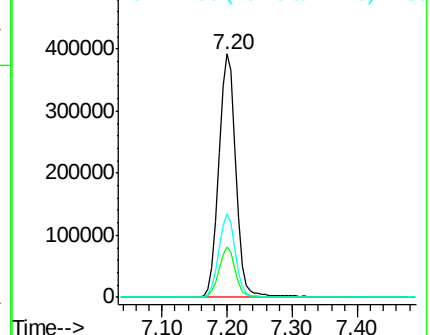
99 100

42 20.7 16.2 24.2

71 34.6 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# 1323

Delta R.T. -0.02 min

Lab File: BG040511.D

Acq: 16 Apr 2019 20:10

Tgt Ion: 136 Resp: 246177

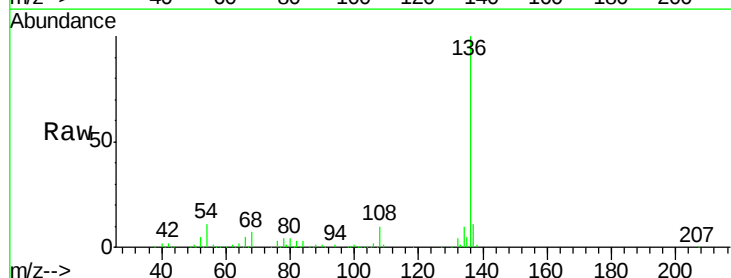
Ion Ratio Lower Upper

136 100

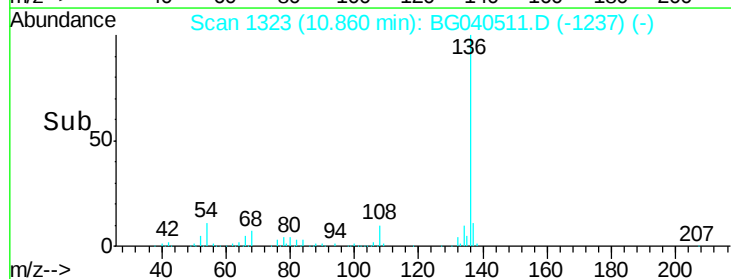
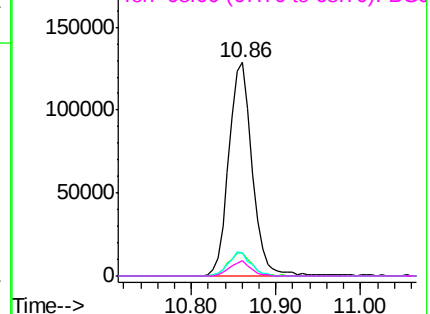
137 11.0 8.9 13.3

54 11.1 9.6 14.4

68 7.0 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

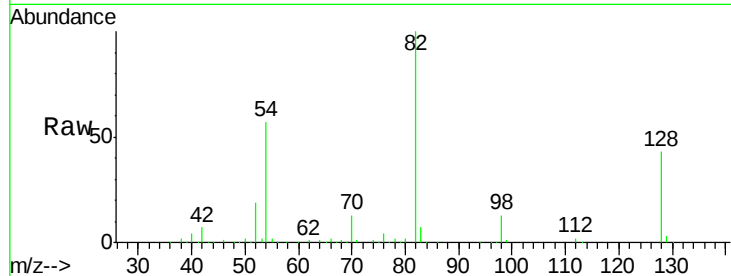




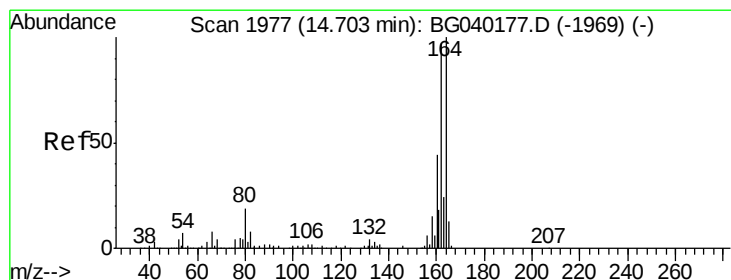
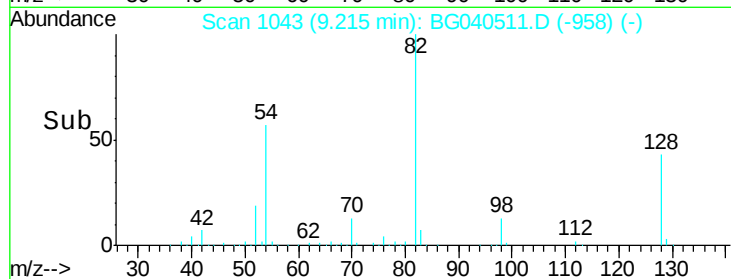
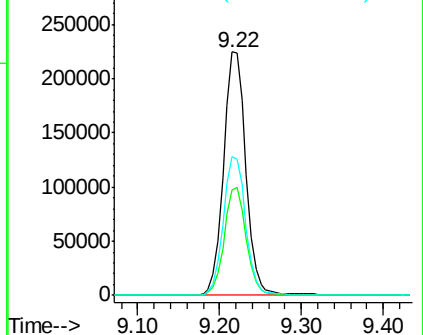
#23
 Nitrobenzene-d5
 Concen: 92.588 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040511.D
 Acq: 16 Apr 2019 20:10

Instrument :
 BNA_G
 ClientSampleID :
 TP2-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.8	53.8
54	56.8	46.2	69.2

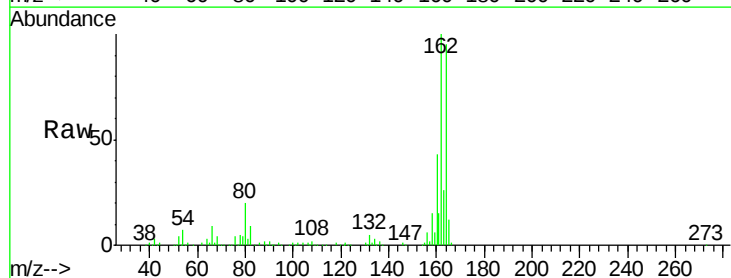


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

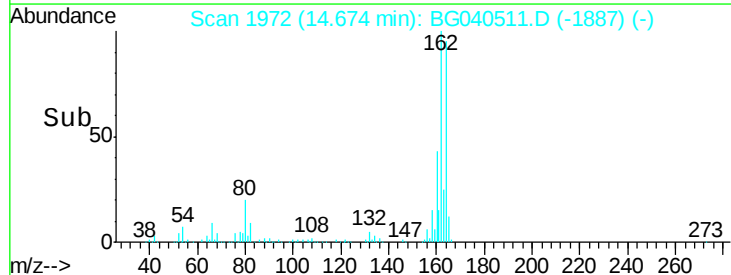
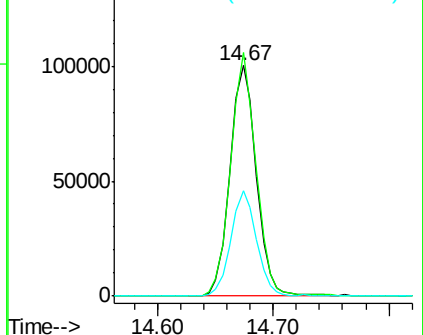


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040511.D
 Acq: 16 Apr 2019 20:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	77.4	116.2
160	45.6	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

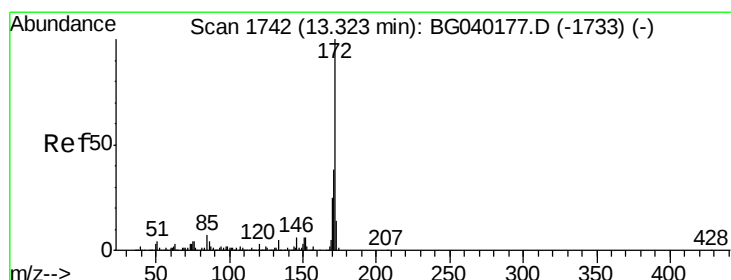
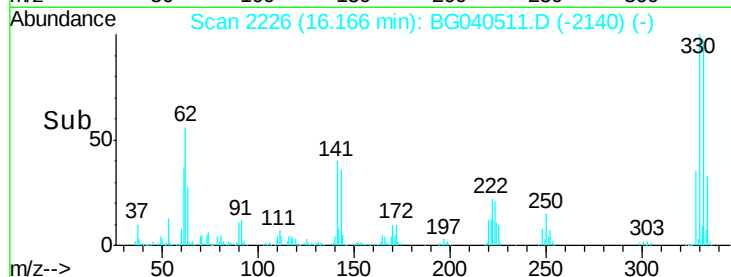
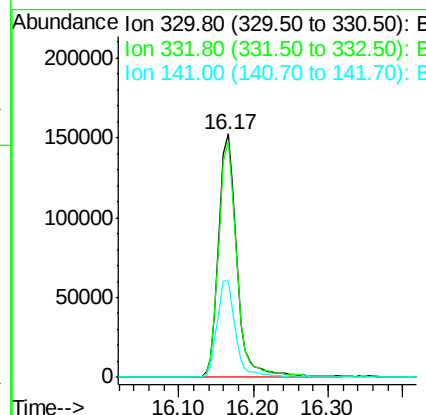
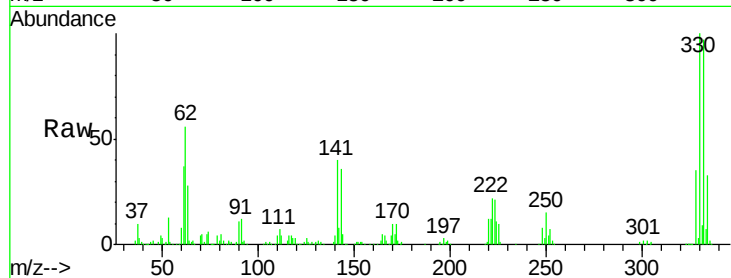




#42
 2,4,6-Tribromophenol
 Concen: 152.762 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040511.D
 Acq: 16 Apr 2019 20:10

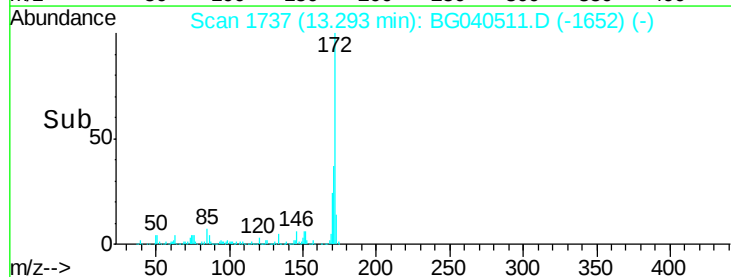
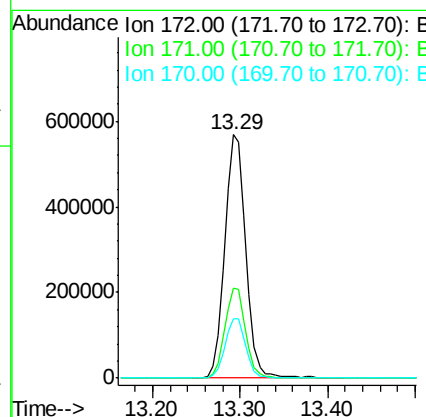
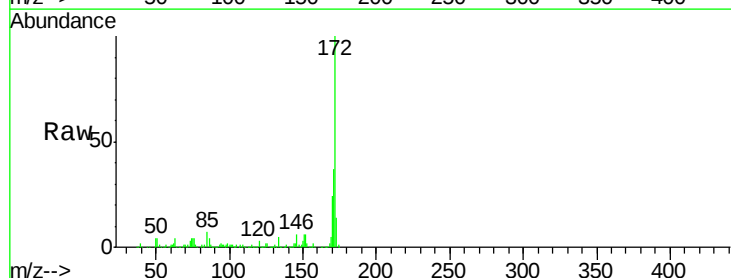
Instrument :
 BNA_G
 ClientSampleId :
 TP2-B

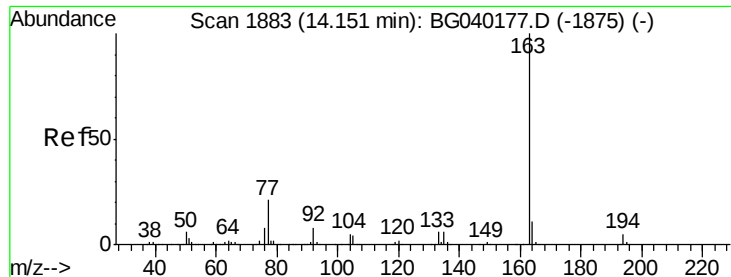
Tgt Ion:330 Resp: 261483
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.7 32.6 48.8



#45
 2-Fluorobiphenyl
 Concen: 88.387 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040511.D
 Acq: 16 Apr 2019 20:10

Tgt Ion:172 Resp: 944751
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 24.4 20.1 30.1





#50

Dimethylphthalate

Concen: 12.182 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040511.D

Acq: 16 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

TP2-B

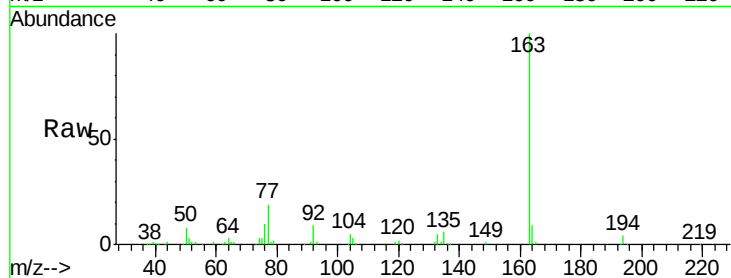
Tgt Ion:163 Resp: 151007

Ion Ratio Lower Upper

163 100

194 4.2 4.1 6.1

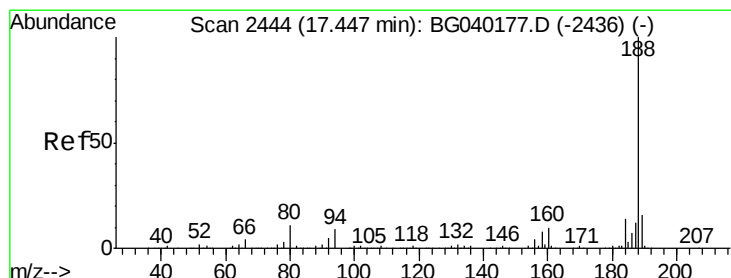
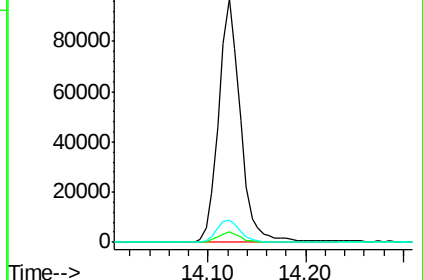
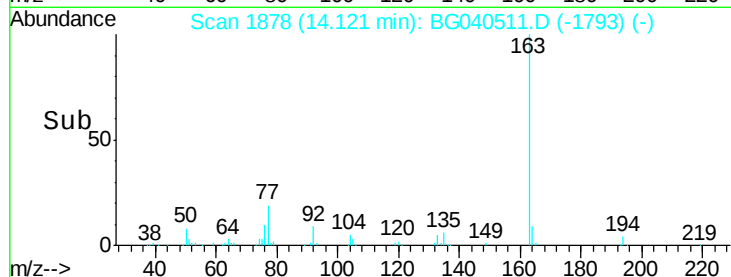
164 9.2 8.6 13.0



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: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040511.D

Acq: 16 Apr 2019 20:10

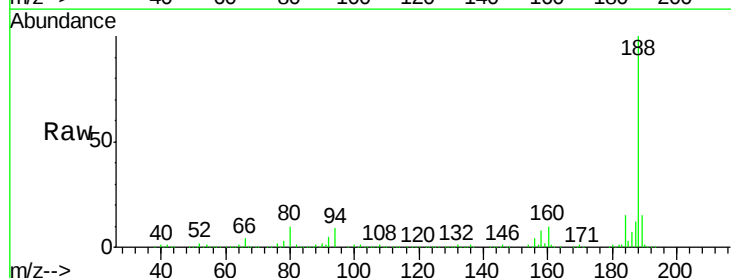
Tgt Ion:188 Resp: 416915

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

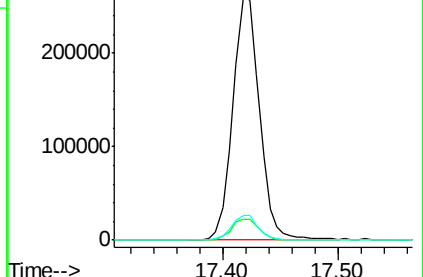
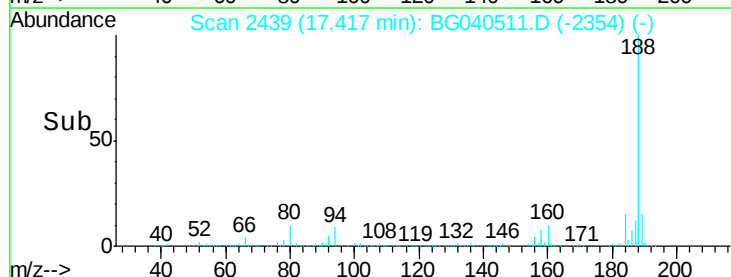
80 10.0 8.6 13.0

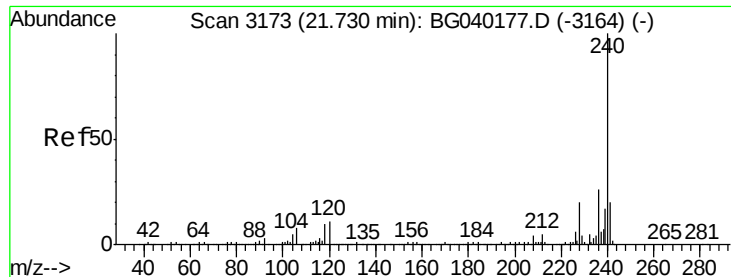


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040511.D

Acq: 16 Apr 2019 20:10

Instrument :

BNA_G

ClientSampled :

TP2-B

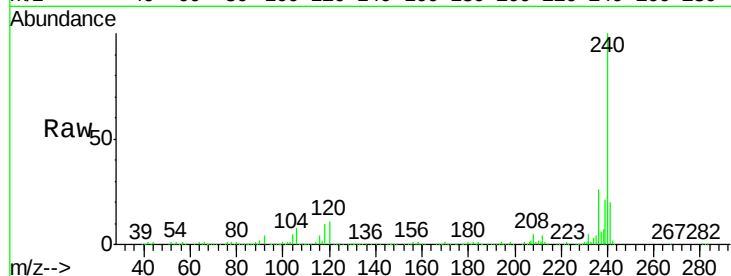
Tgt Ion:240 Resp: 362948

Ion Ratio Lower Upper

240 100

120 11.4 8.4 12.6

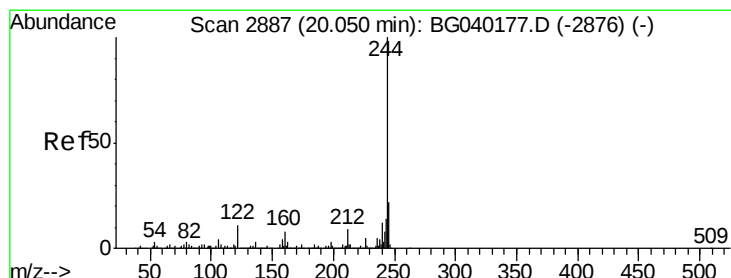
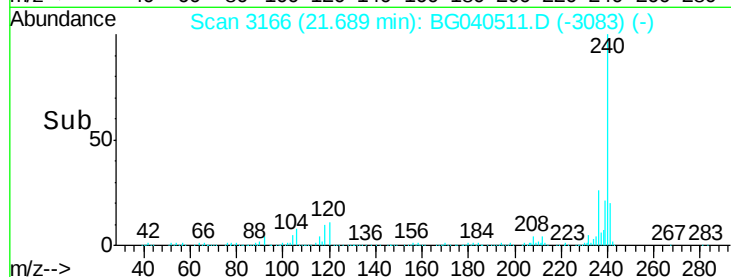
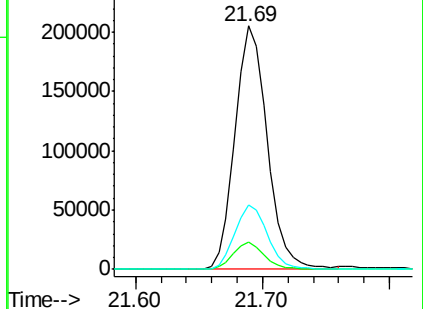
236 26.5 20.8 31.2



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: 91.568 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040511.D

Acq: 16 Apr 2019 20:10

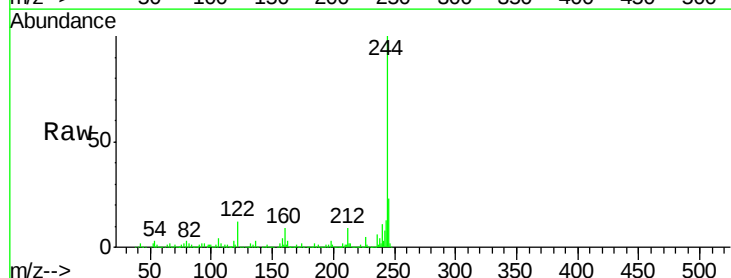
Tgt Ion:244 Resp: 1477307

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

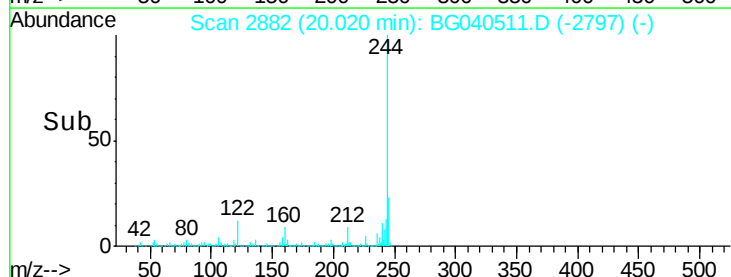
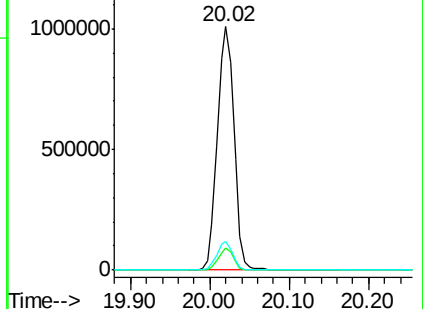
122 11.5 8.5 12.7

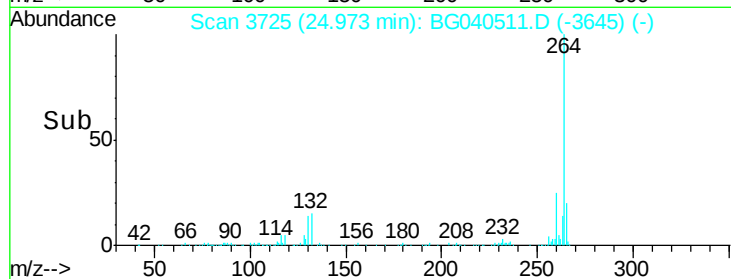
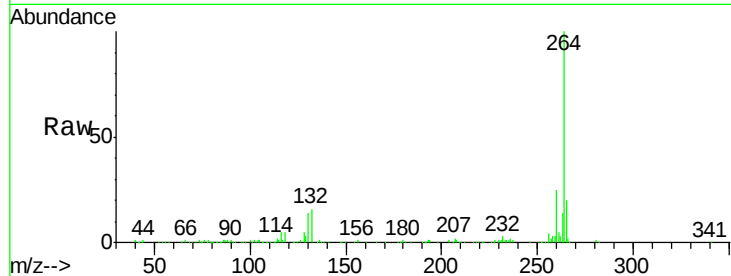
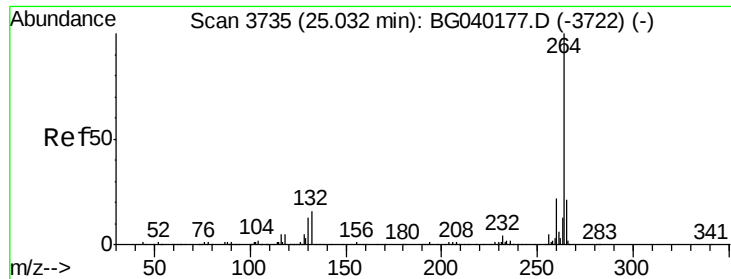


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3725

Delta R.T. -0.06 min

Lab File: BG040511.D

Acq: 16 Apr 2019 20:10

Instrument :

BNA_G

ClientSampleId :

TP2-B

Tgt Ion:264 Resp: 388704

Ion Ratio Lower Upper

264 100

260 24.5 17.9 26.9

265 20.4 16.8 25.2

