

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040129.D
 Acq On : 25 Mar 2019 22:53
 Operator : JU/SJ
 Sample : K2050-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-5

Quant Time: Mar 26 05:41:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35463	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	153320	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	109859	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	288004	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	291842	20.00	ng	-0.03
87) Perylene-d12	25.16	264	280946	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	253329	121.87	ng	-0.02
7) Phenol-d6	7.29	99	339315	109.47	ng	-0.02
23) Nitrobenzene-d5	9.31	82	232454	82.00	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	138066	107.82	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	578604	74.99	ng	-0.03
79) Terphenyl-d14	20.11	244	1059547	79.94	ng	-0.02

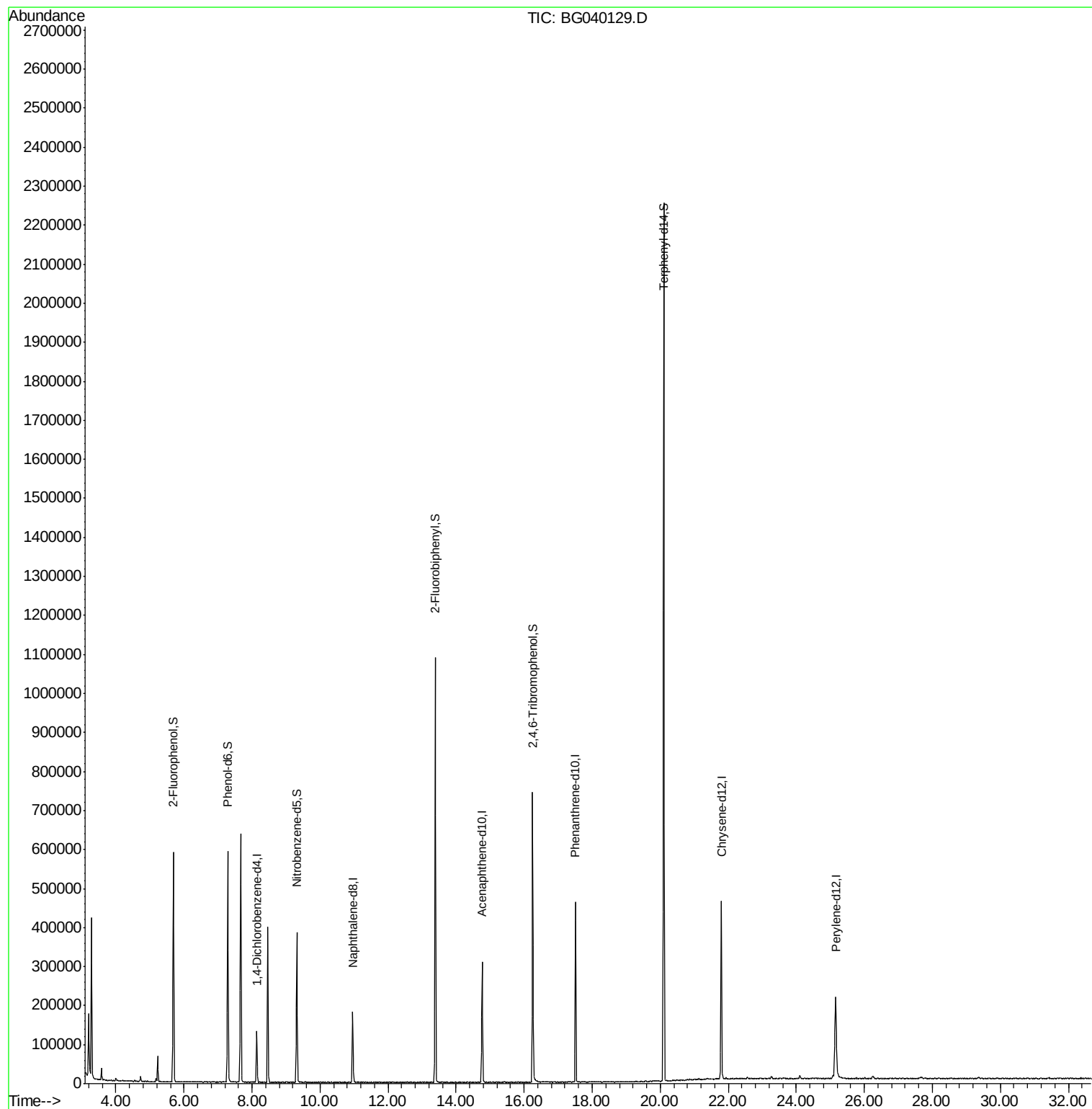
Target Compounds	Qvalue
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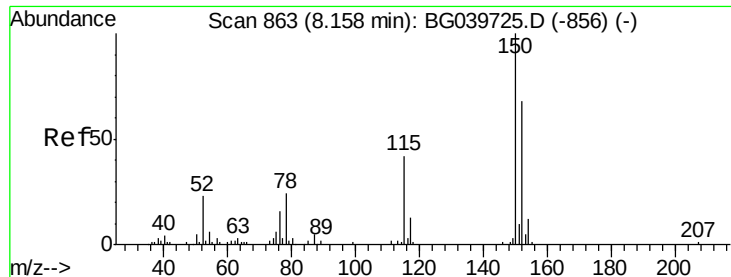
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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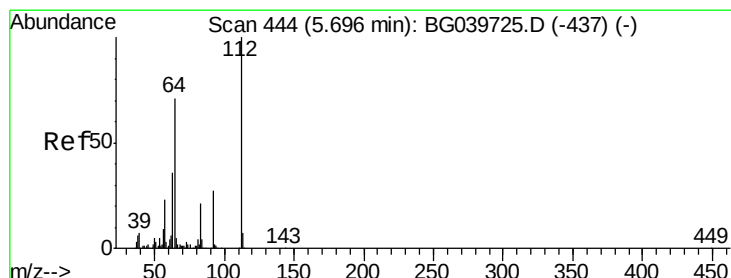
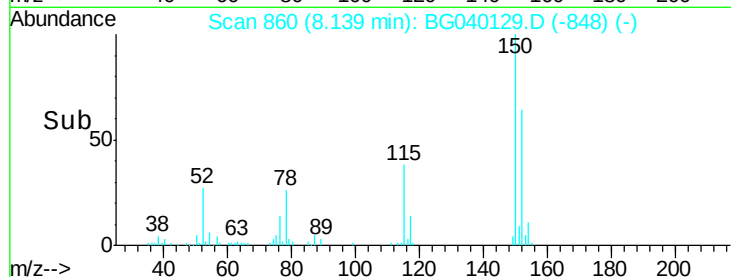
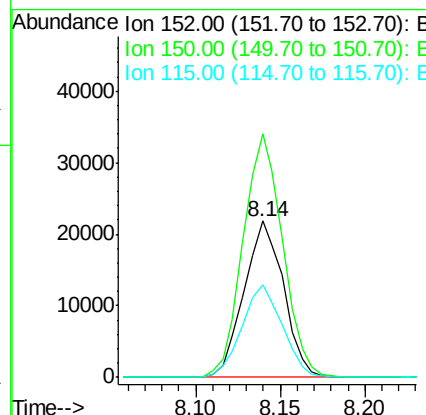
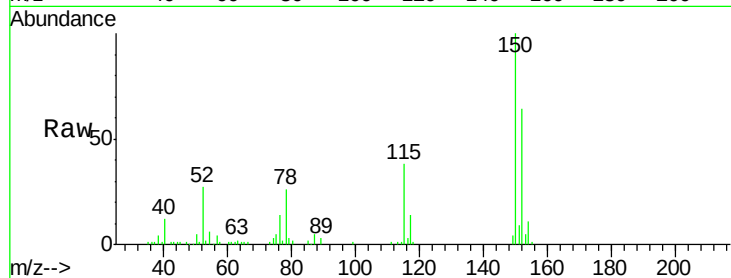


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Instrument :
BNA_G
ClientSampleId :
CS-5

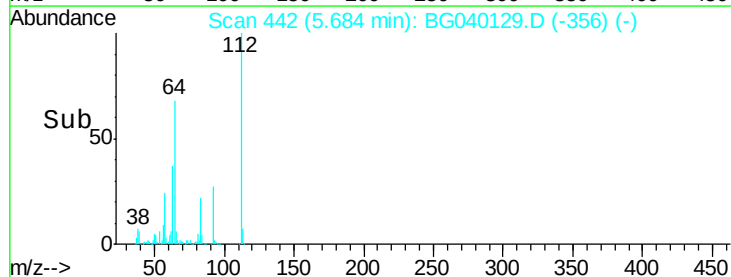
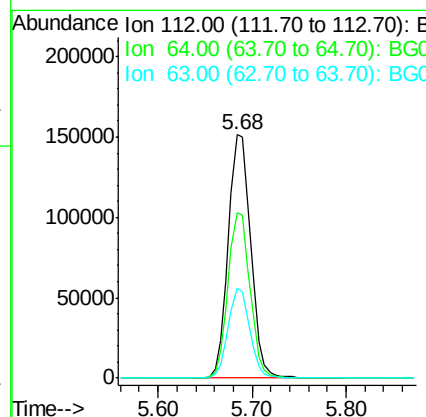
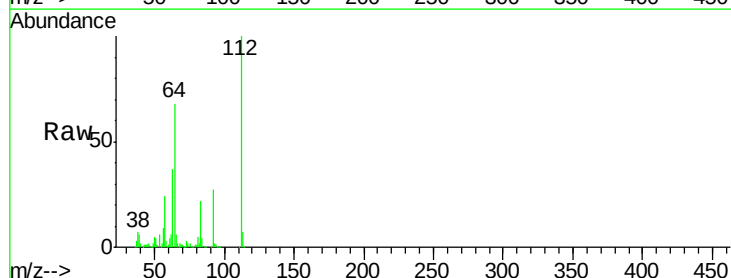
Tgt Ion:152 Resp: 35463
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 59.6 45.9 68.9

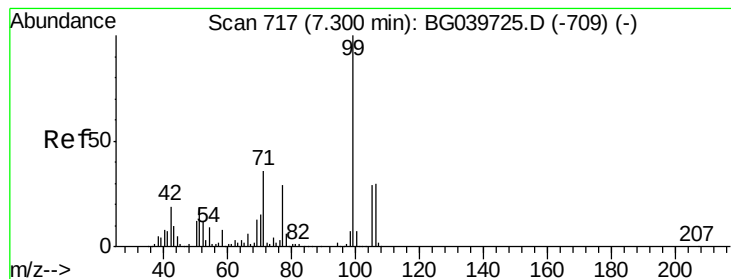


#5

2-Fluorophenol
Concen: 121.868 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Tgt Ion:112 Resp: 253329
Ion Ratio Lower Upper
112 100
64 68.2 57.8 86.8
63 36.9 29.8 44.6





#7

Phenol-d6

Concen: 109.475 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

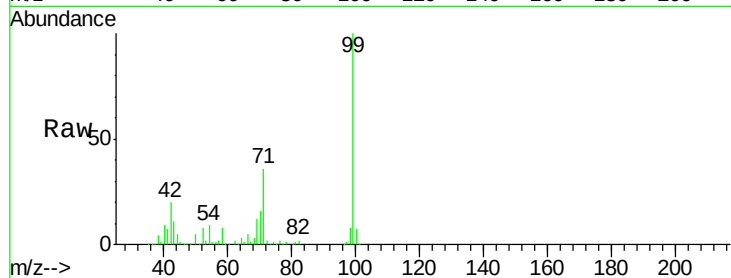
Tgt Ion: 99 Resp: 339315

Ion Ratio Lower Upper

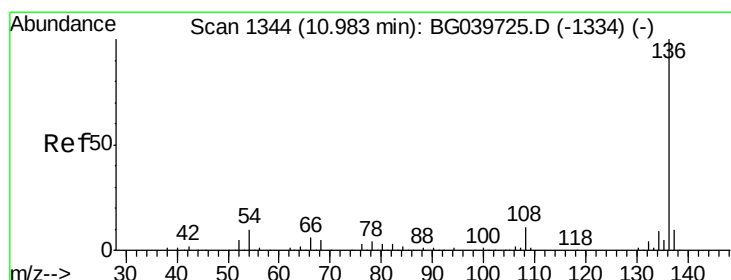
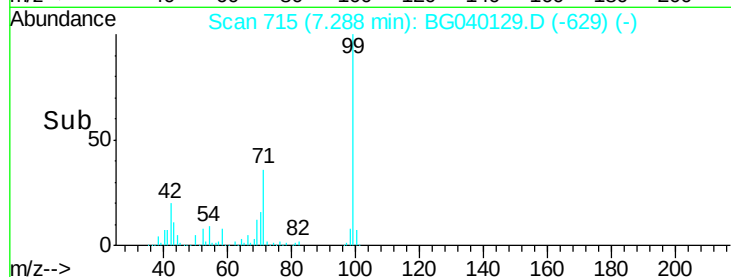
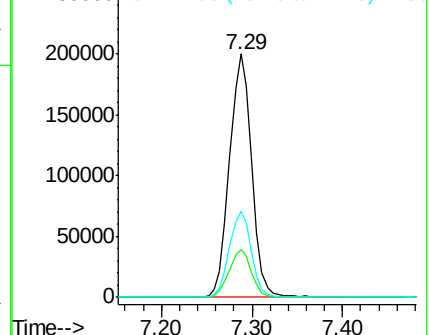
99 100

42 19.6 18.2 27.2

71 35.6 28.0 42.0



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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Tgt Ion: 136 Resp: 153320

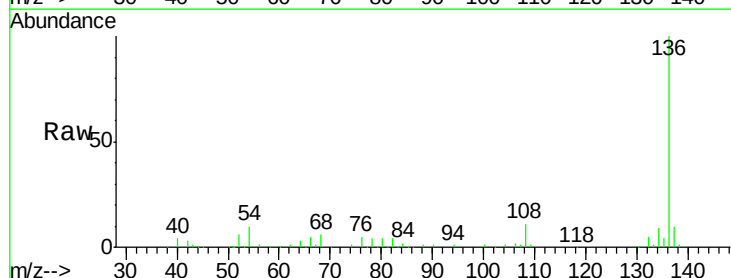
Ion Ratio Lower Upper

136 100

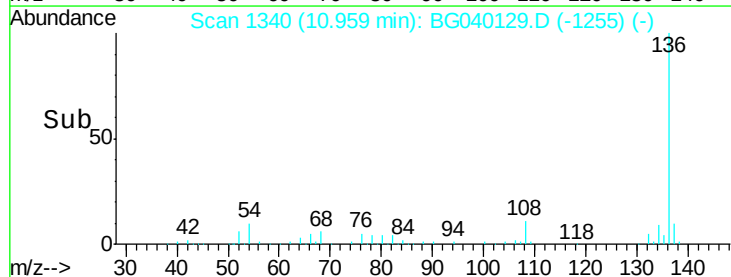
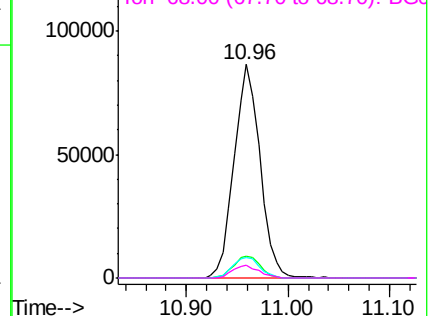
137 10.0 9.1 13.7

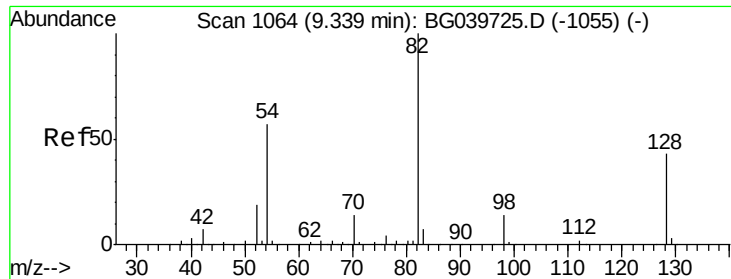
54 9.8 9.4 14.2

68 5.9 4.2 6.4



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

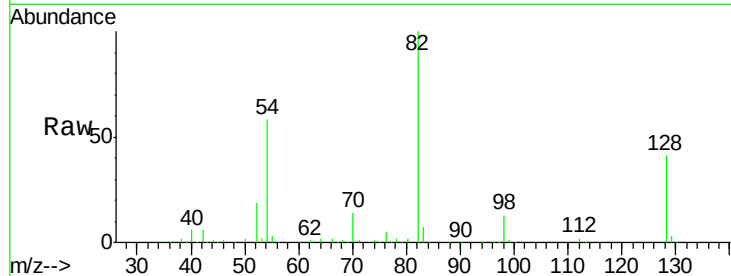




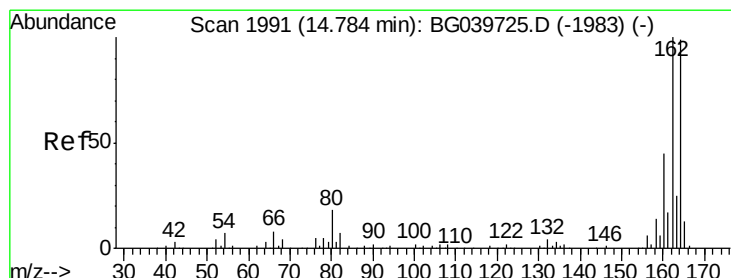
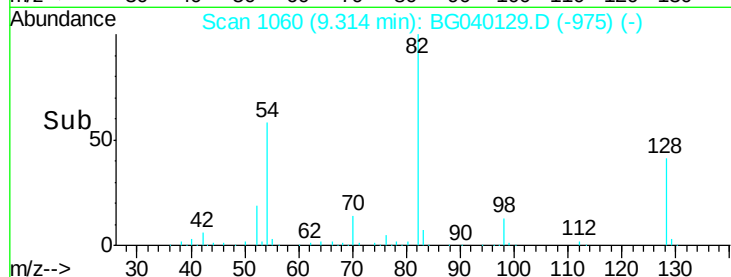
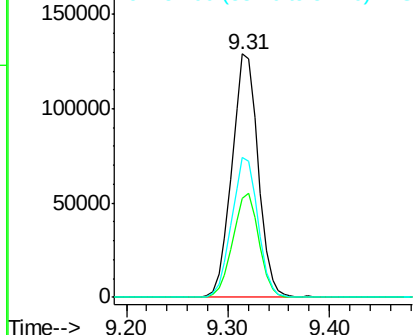
#23
 Nitrobenzene-d5
 Concen: 81.999 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Instrument :
 BNA_G
 ClientSampled :
 CS-5

Tgt Ion: 82 Resp: 232454
 Ion Ratio Lower Upper
 82 100
 128 40.6 31.3 46.9
 54 57.6 50.9 76.3

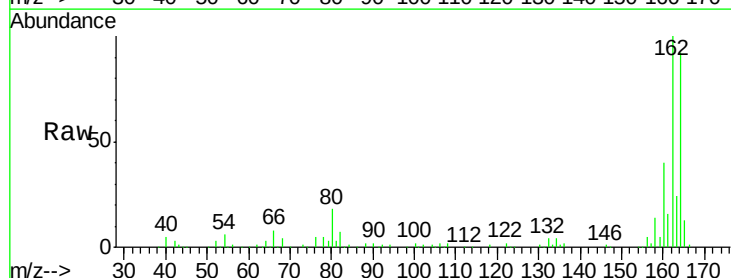


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

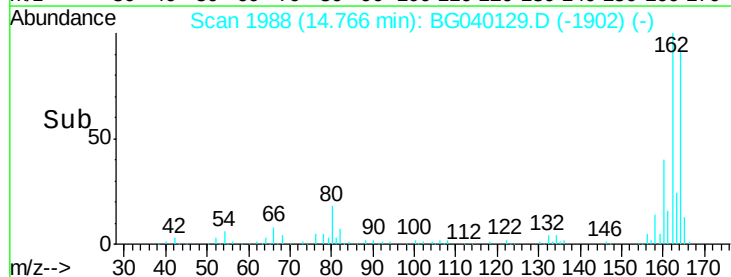
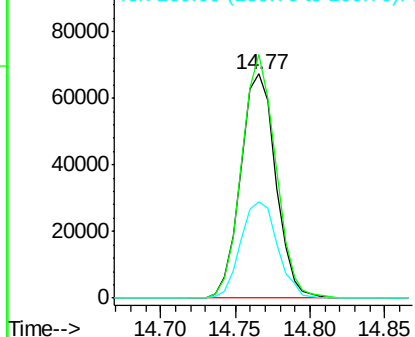


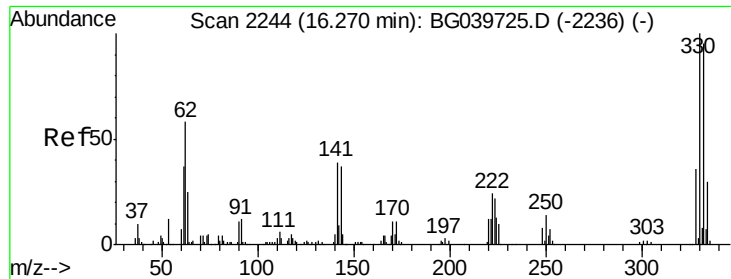
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040129.D
 Acq: 25 Mar 2019 22:53

Tgt Ion: 164 Resp: 109859
 Ion Ratio Lower Upper
 164 100
 162 108.7 81.6 122.4
 160 43.2 34.2 51.2



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: 107.823 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampled :

CS-5

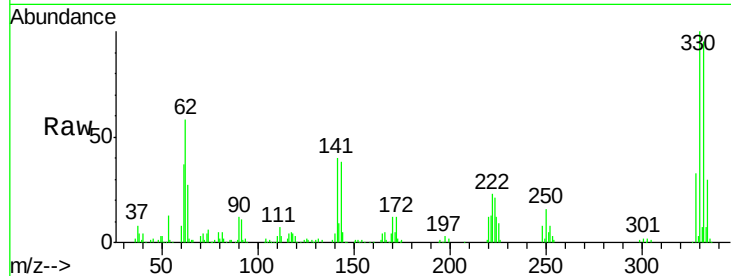
Tgt Ion:330 Resp: 138066

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

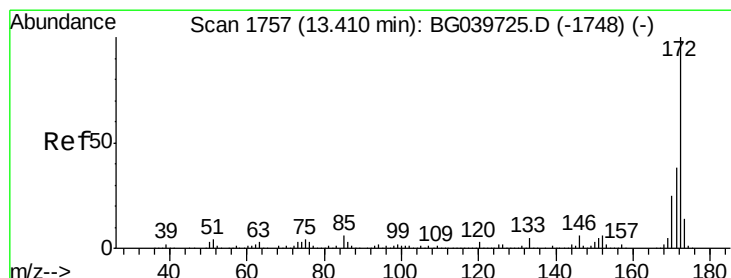
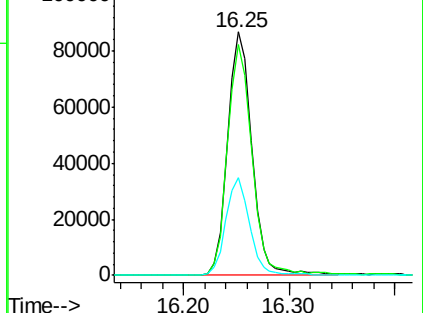
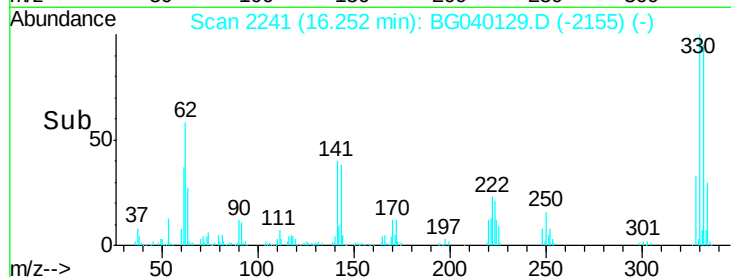
141 39.8 35.6 53.4



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: 74.990 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

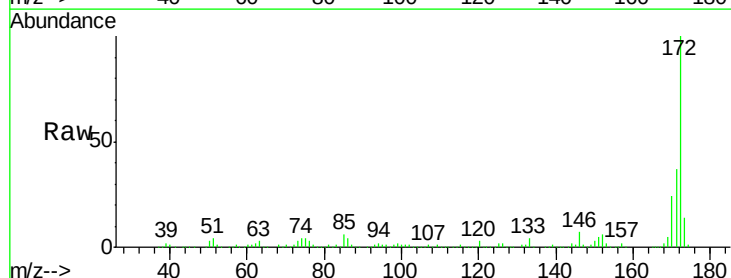
Tgt Ion:172 Resp: 578604

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

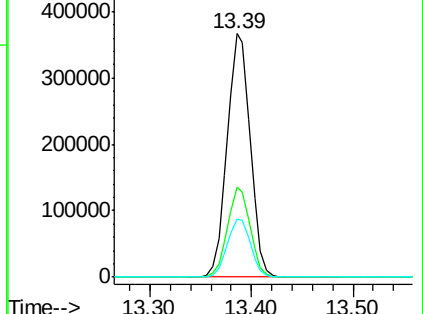
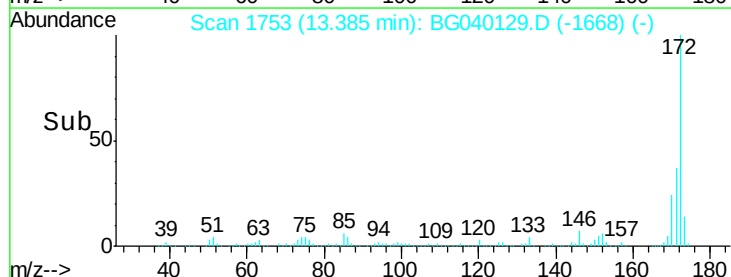
170 24.1 20.2 30.4

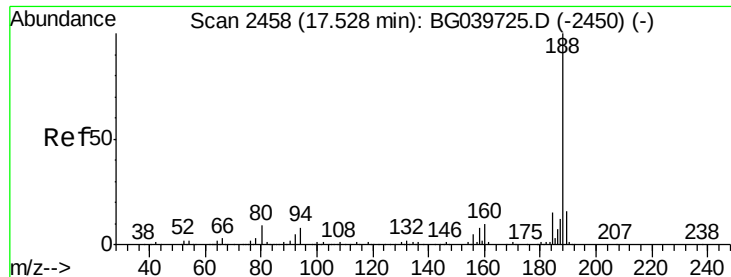


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

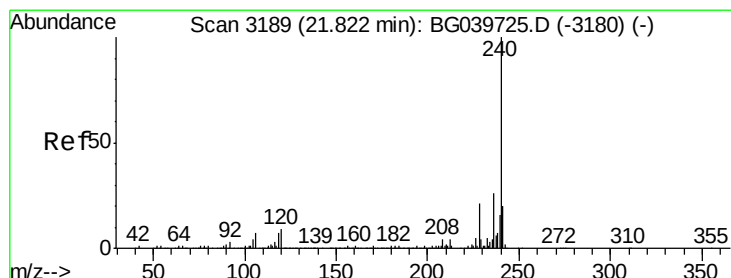
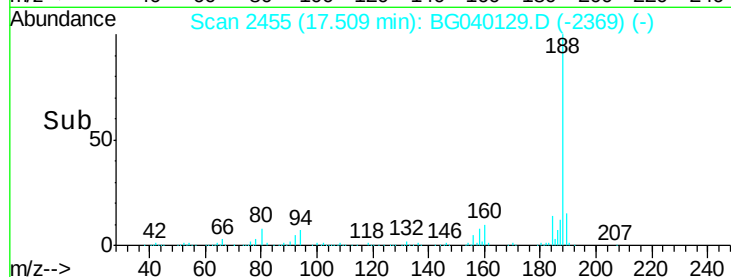
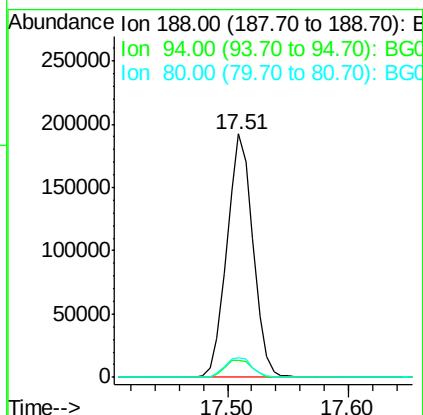
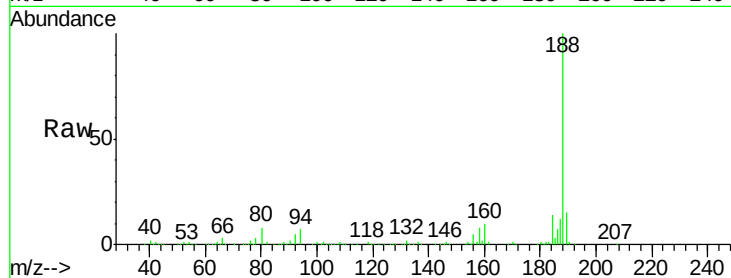




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

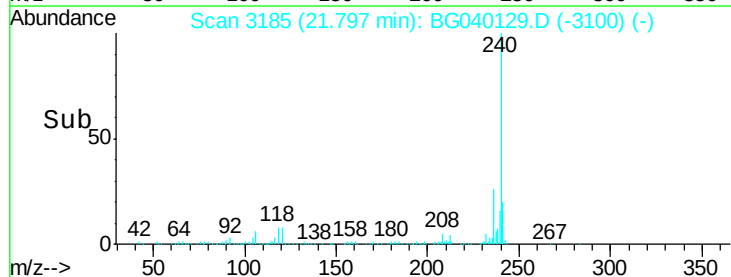
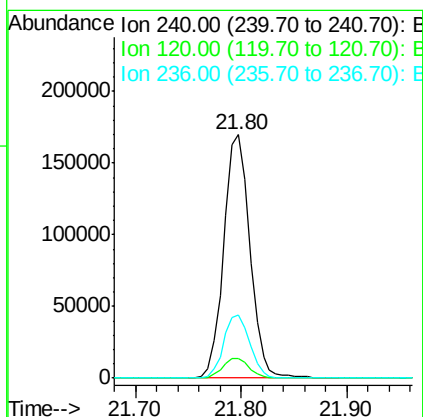
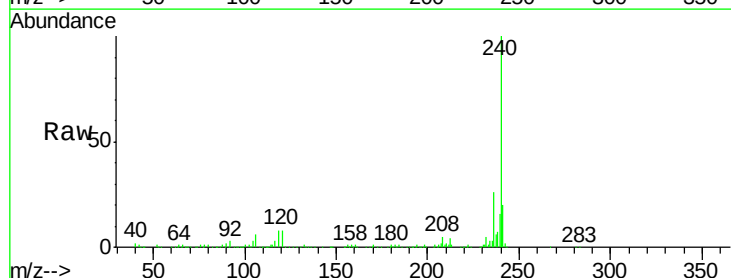
Instrument :
BNA_G
ClientSampleId :
CS-5

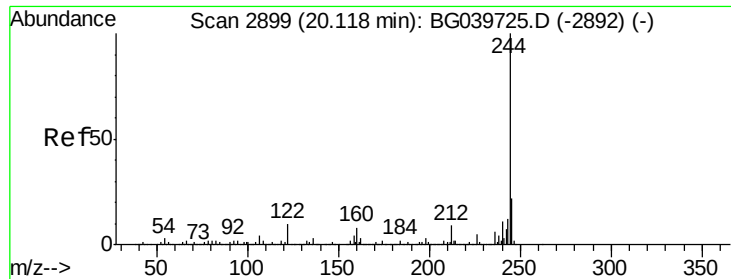
Tgt Ion:188 Resp: 288004
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040129.D
Acq: 25 Mar 2019 22:53

Tgt Ion:240 Resp: 291842
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 79.938 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

Instrument :

BNA_G

ClientSampleId :

CS-5

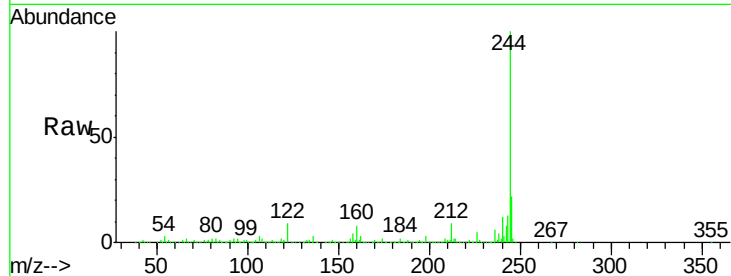
Tgt Ion:244 Resp: 1059547

Ion Ratio Lower Upper

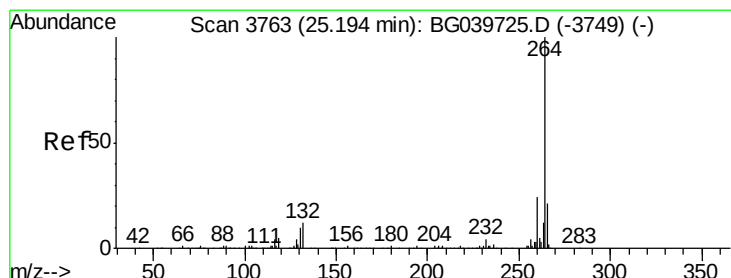
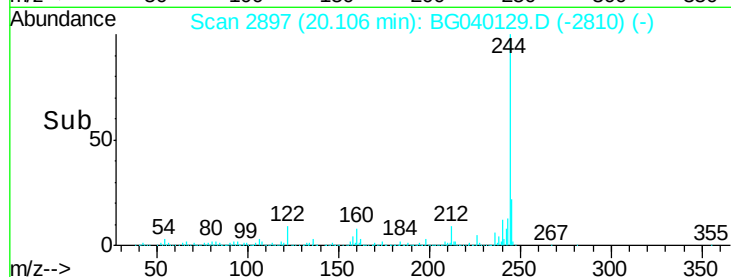
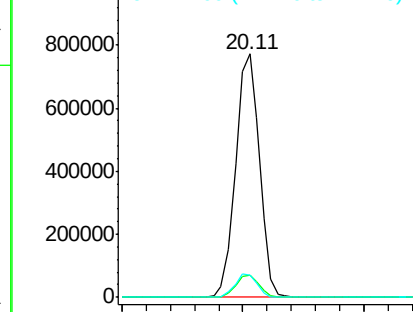
244 100

212 9.2 7.3 10.9

122 8.9 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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040129.D

Acq: 25 Mar 2019 22:53

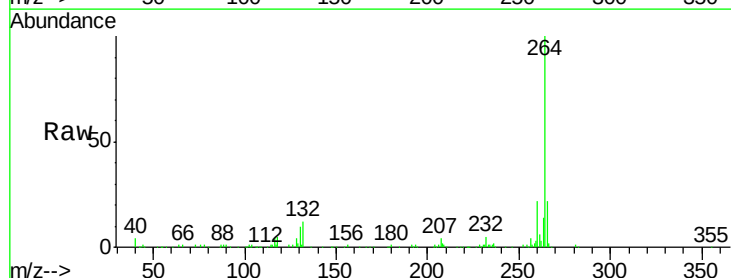
Tgt Ion:264 Resp: 280946

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 22.0 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

