

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039742.D
 Acq On : 4 Mar 2019 22:06
 Operator : JU/SJ
 Sample : K1714-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-A-2-5

Quant Time: Mar 05 06:48:18 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

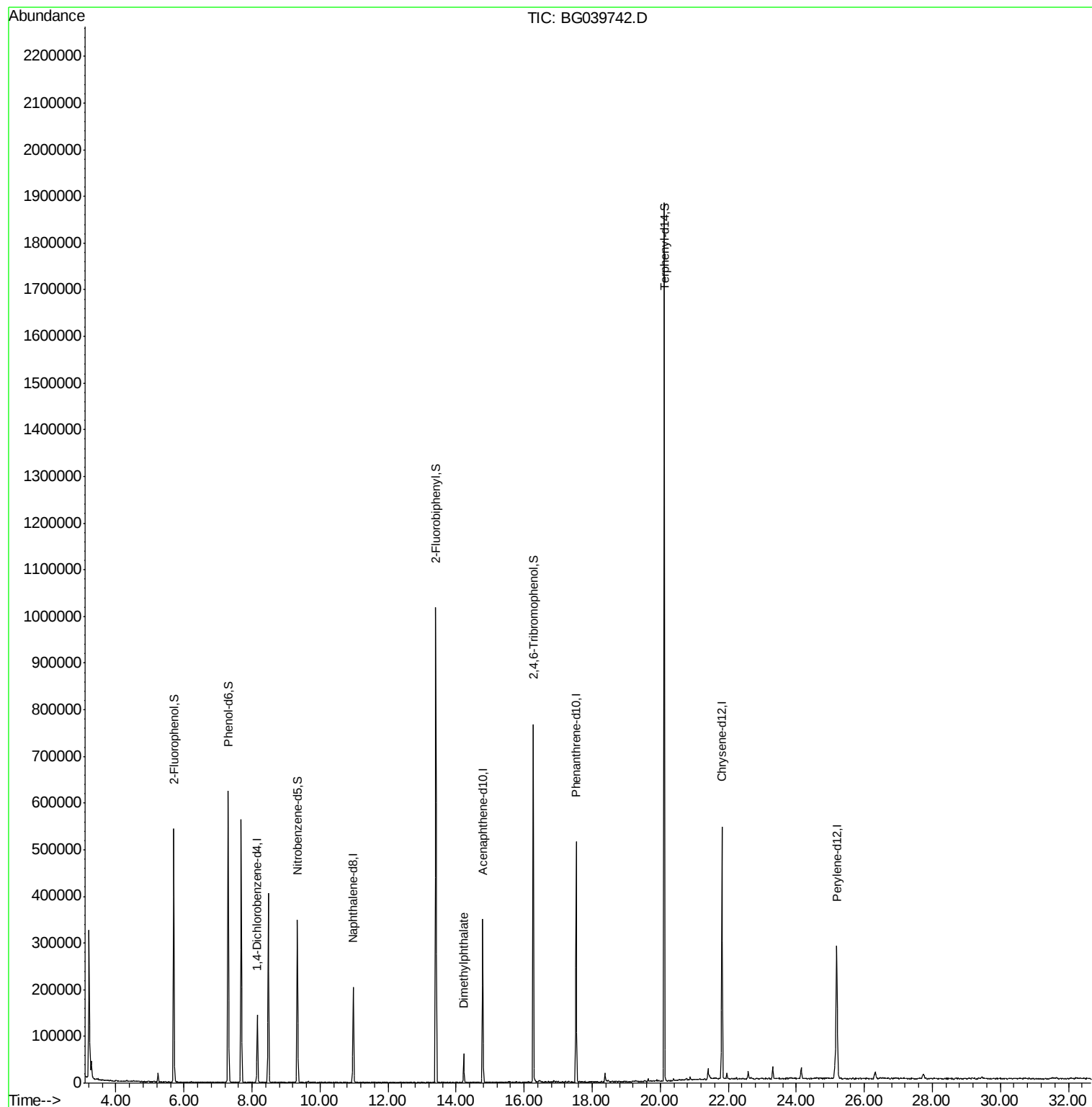
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39401	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	173418	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	121769	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	312109	20.00	ng	0.00
76) Chrysene-d12	21.81	240	325176	20.00	ng	-0.01
87) Perylene-d12	25.19	264	326079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	234515	101.54	ng	0.00
7) Phenol-d6	7.30	99	349103	101.38	ng	-0.01
23) Nitrobenzene-d5	9.33	82	204922	63.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	133619	94.14	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	531016	62.09	ng	-0.01
79) Terphenyl-d14	20.12	244	896483	60.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.23	163	43347	4.257	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039742.D

Acq: 4 Mar 2019 22:06

Instrument :

BNA_G

ClientSampleId :

SB-A-2-5

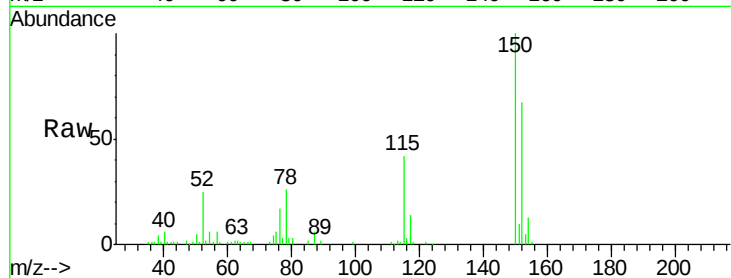
Tgt Ion:152 Resp: 39401

Ion Ratio Lower Upper

152 100

150 149.9 123.7 185.5

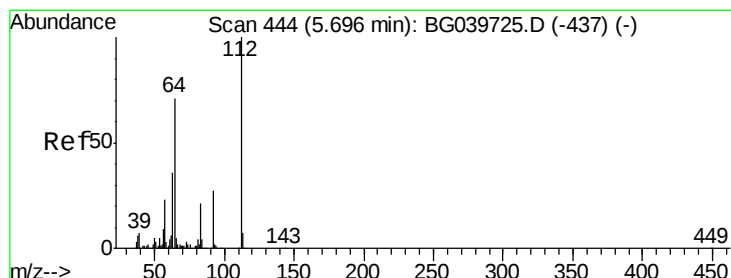
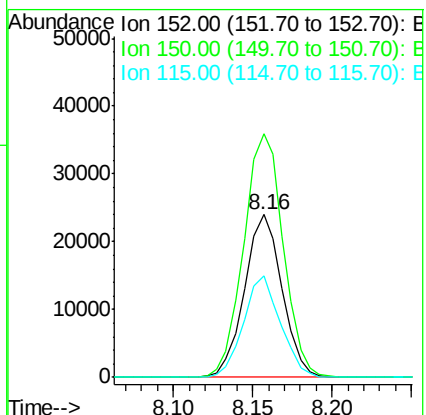
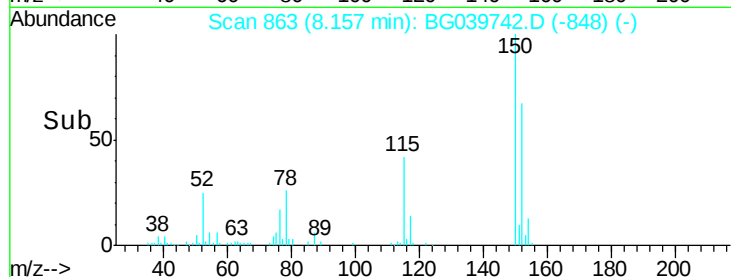
115 62.3 45.9 68.9



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: 101.542 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039742.D

Acq: 4 Mar 2019 22:06

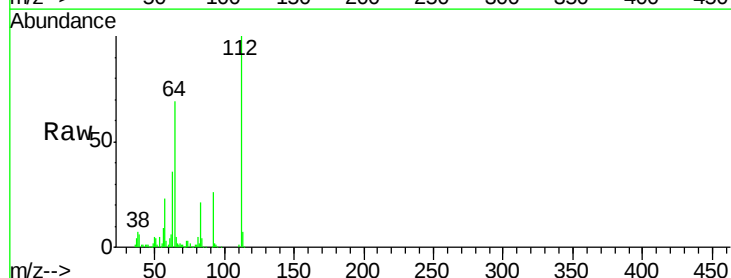
Tgt Ion:112 Resp: 234515

Ion Ratio Lower Upper

112 100

64 68.6 57.8 86.8

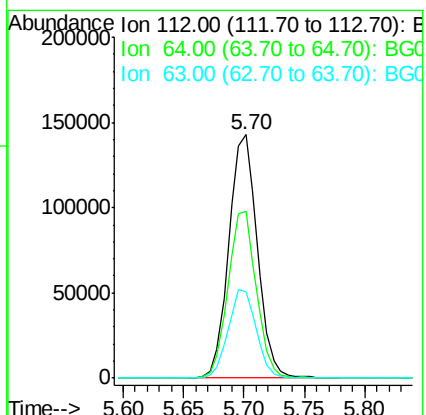
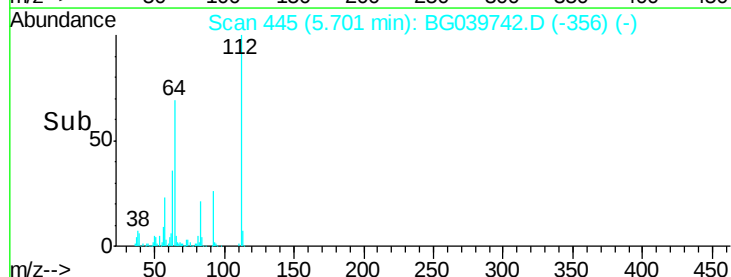
63 35.6 29.8 44.6



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: 101.376 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039742.D

Acq: 4 Mar 2019 22:06

Instrument :

BNA_G

ClientSampled :

SB-A-2-5

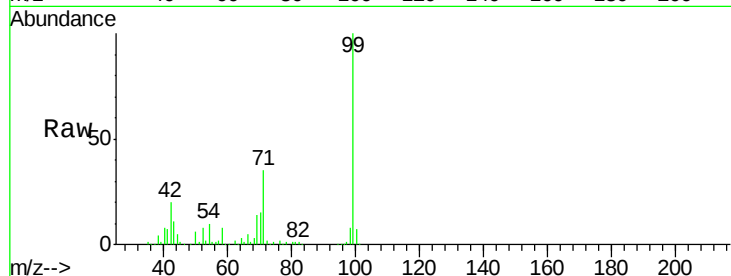
Tgt Ion: 99 Resp: 349103

Ion Ratio Lower Upper

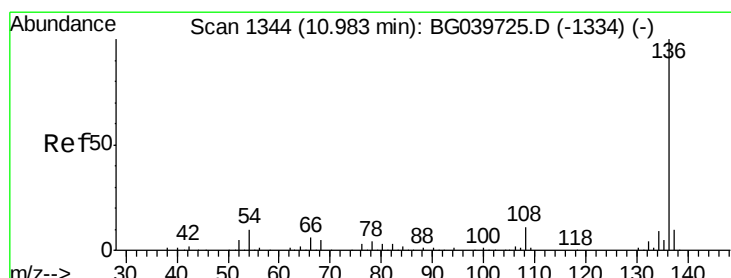
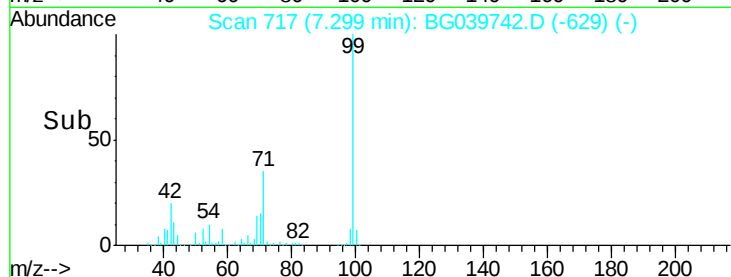
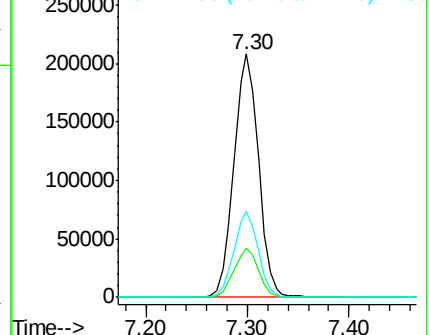
99 100

42 20.4 18.2 27.2

71 35.2 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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039742.D

Acq: 4 Mar 2019 22:06

Tgt Ion: 136 Resp: 173418

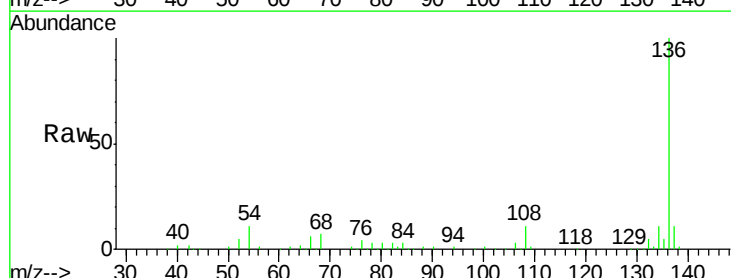
Ion Ratio Lower Upper

136 100

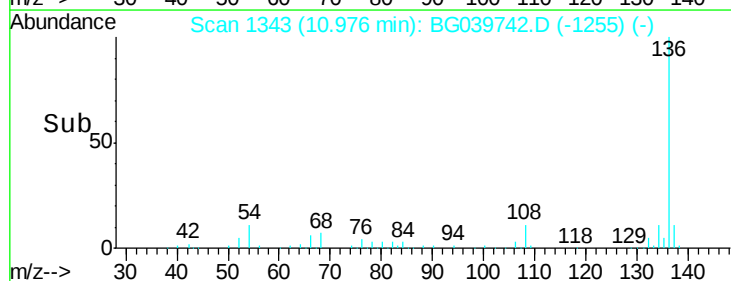
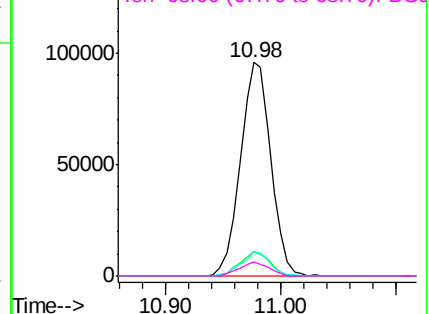
137 11.3 9.1 13.7

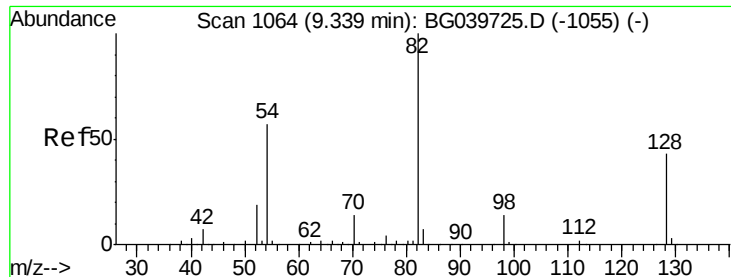
54 11.5 9.4 14.2

68 6.5 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

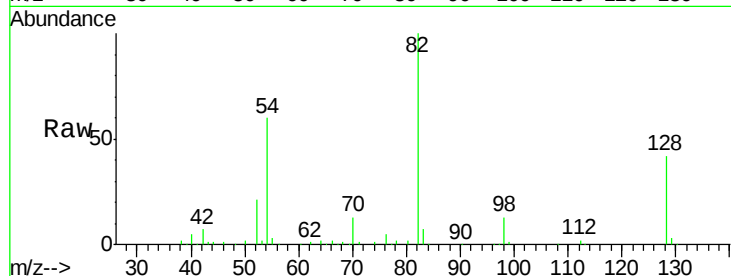




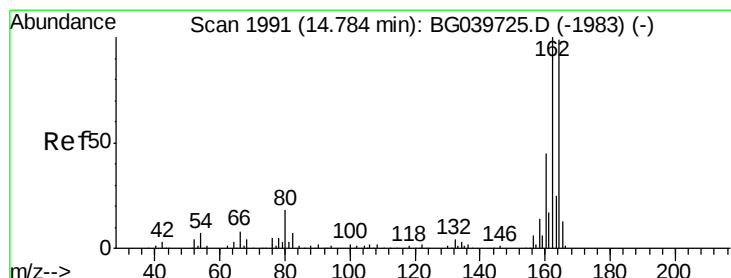
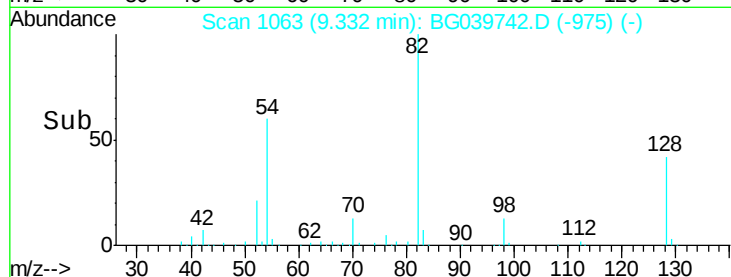
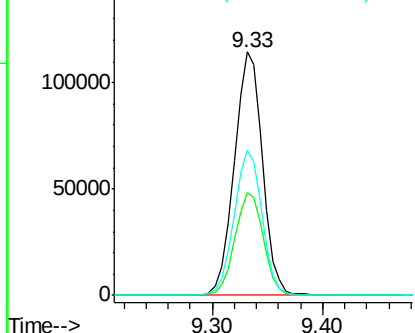
#23
 Nitrobenzene-d5
 Concen: 63.909 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039742.D
 Acq: 4 Mar 2019 22:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-A-2-5

Tgt Ion: 82 Resp: 204922
 Ion Ratio Lower Upper
 82 100
 128 42.3 31.3 46.9
 54 59.7 50.9 76.3

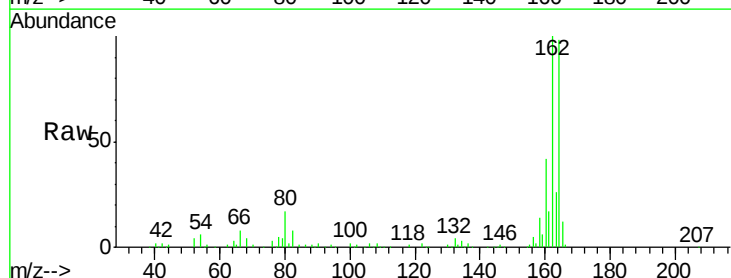


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

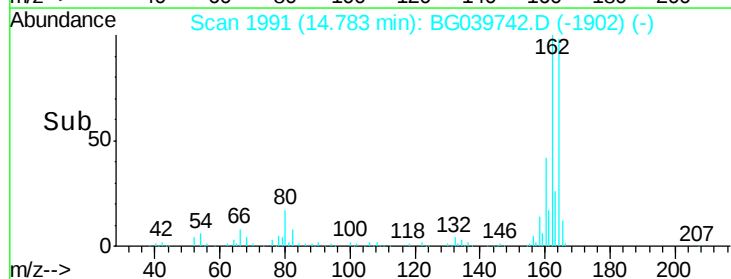
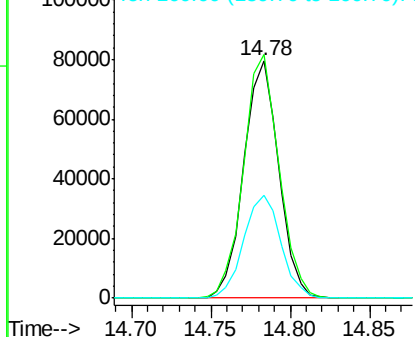


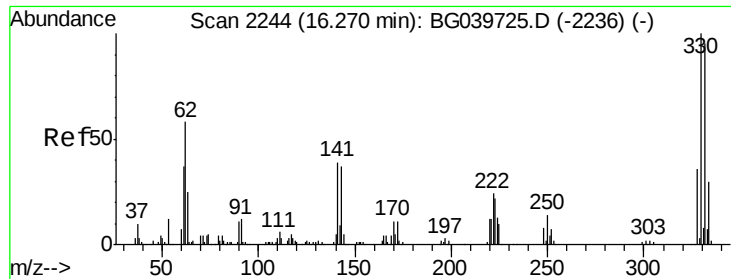
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG039742.D
 Acq: 4 Mar 2019 22:06

Tgt Ion: 164 Resp: 121769
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.6 122.4
 160 43.4 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: 94.144 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039742.D

Acq: 4 Mar 2019 22:06

Instrument :

BNA_G

ClientSampleId :

SB-A-2-5

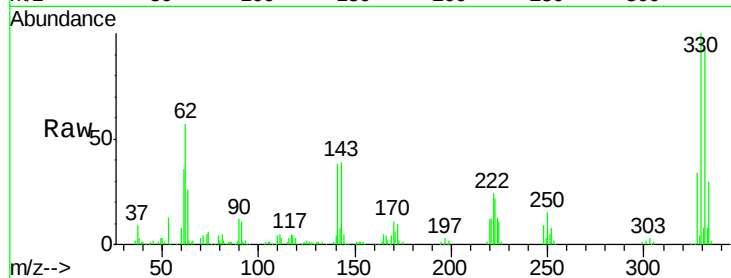
Tgt Ion:330 Resp: 133619

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

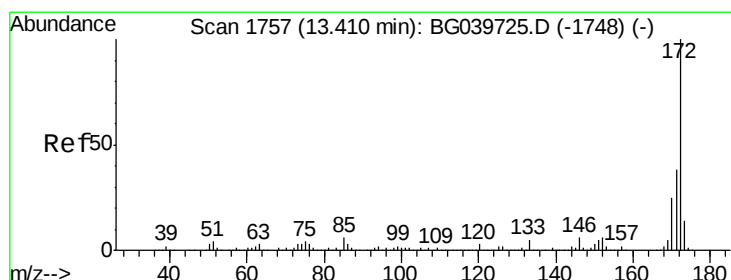
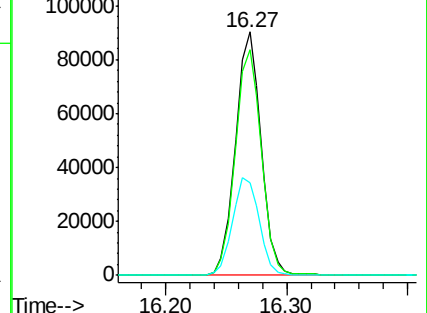
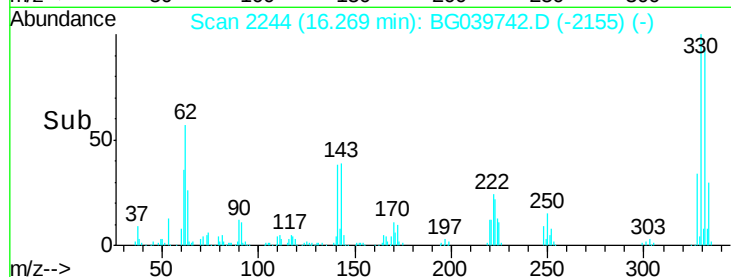
141 41.9 35.6 53.4



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: 62.091 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039742.D

Acq: 4 Mar 2019 22:06

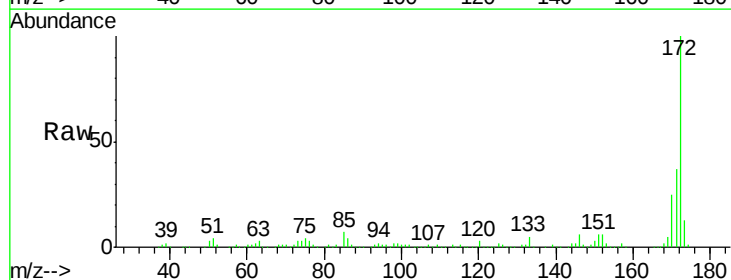
Tgt Ion:172 Resp: 531016

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

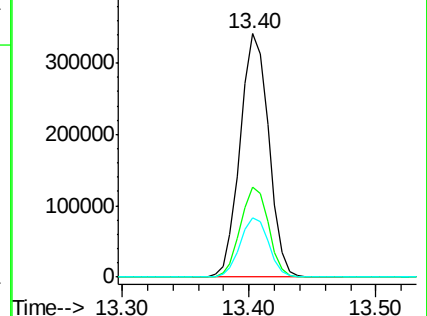
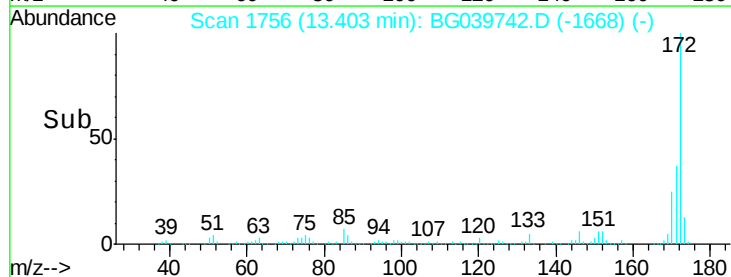
170 24.6 20.2 30.4

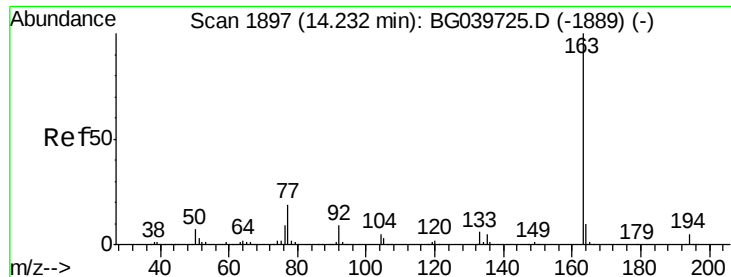


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.257 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039742.D

Acq: 4 Mar 2019 22:06

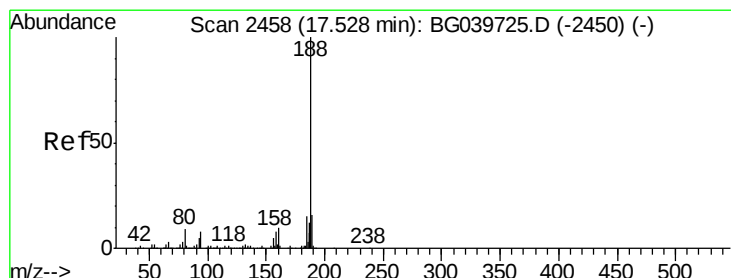
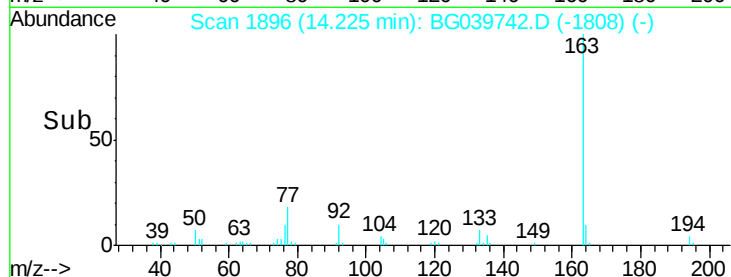
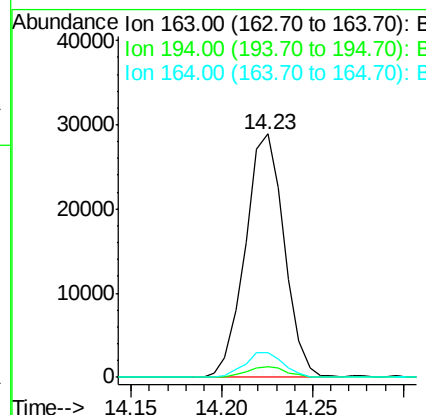
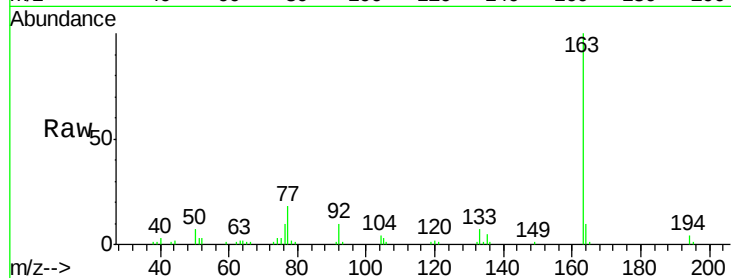
Instrument :

BNA_G

ClientSampleId :

SB-A-2-5

Tgt Ion:	163	Resp:	43347
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.9	8.4	12.6



#64

Phenanthrene-d10

Concen: 20.000 ng

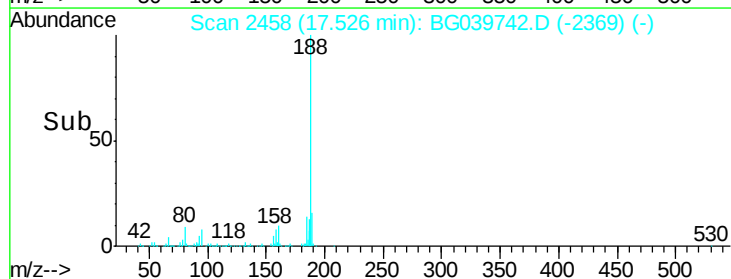
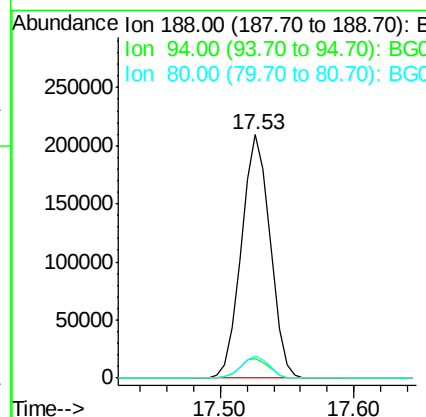
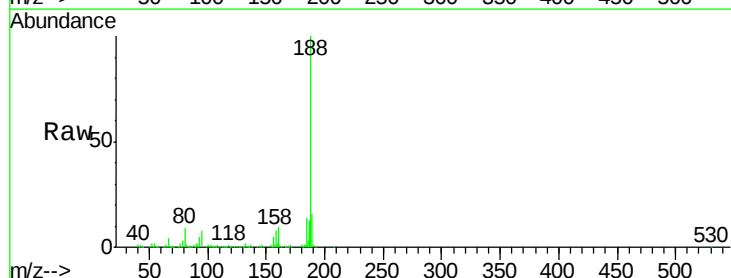
RT: 17.53 min Scan# 2458

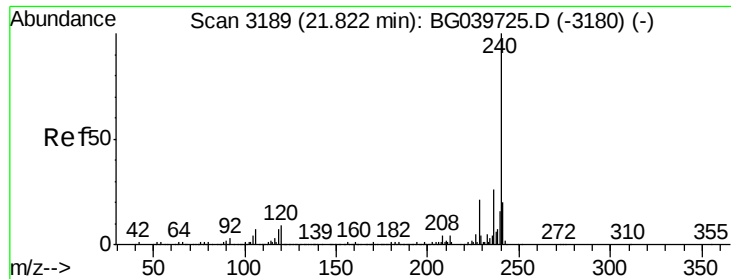
Delta R.T. -0.01 min

Lab File: BG039742.D

Acq: 4 Mar 2019 22:06

Tgt Ion:	188	Resp:	312109
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.1	8.1	12.1

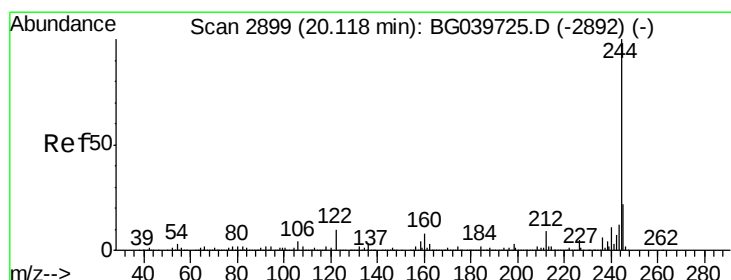
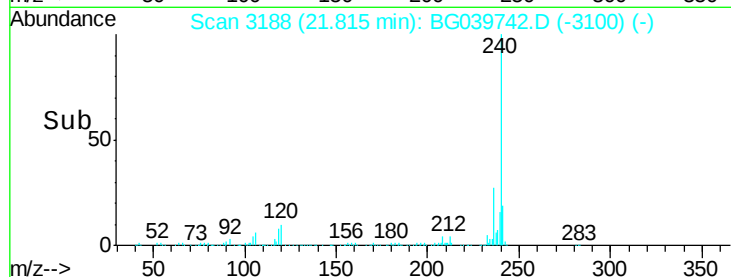
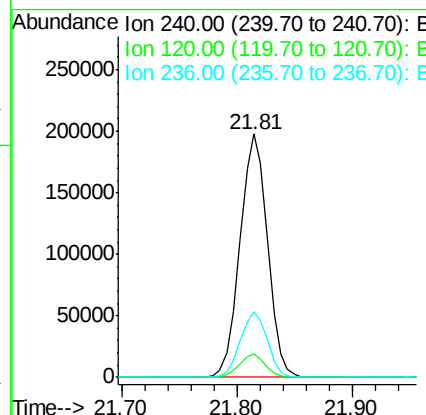
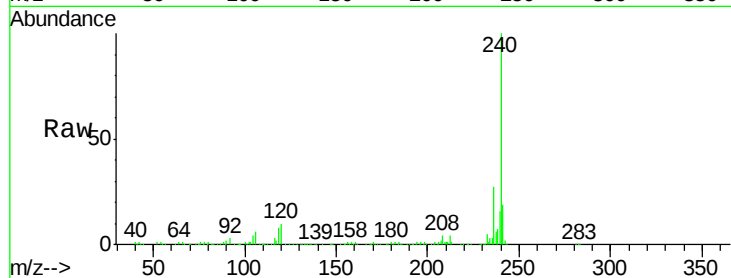




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

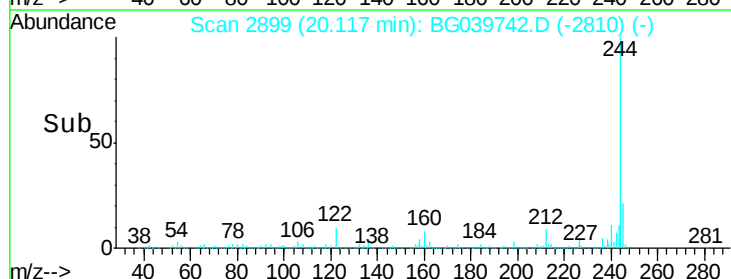
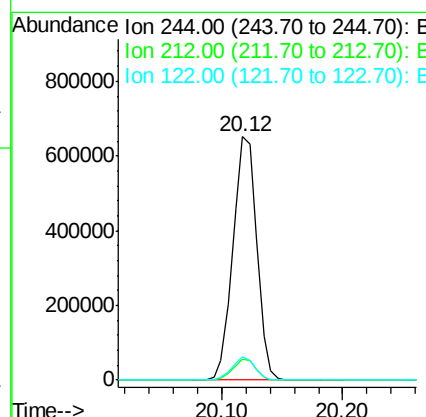
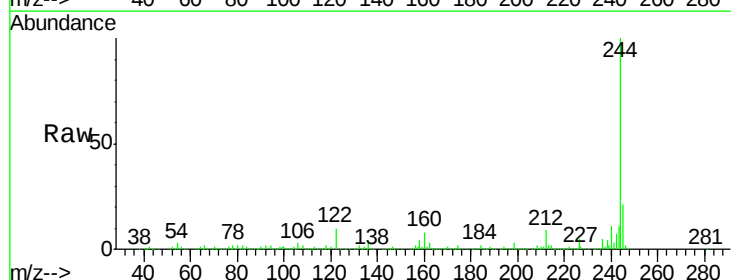
Instrument :
BNA_G
ClientSampled :
SB-A-2-5

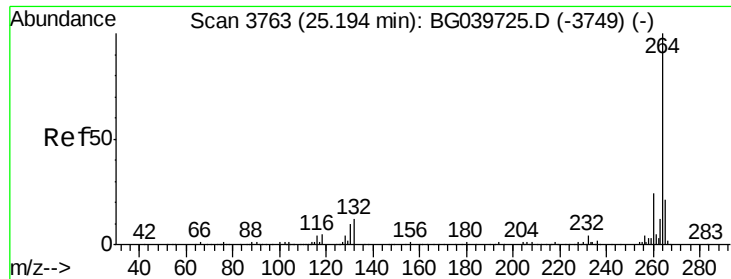
Tgt Ion:240 Resp: 325176
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 27.0 21.0 31.4



#79
Terphenyl-d14
Concen: 60.702 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Tgt Ion:244 Resp: 896483
Ion Ratio Lower Upper
244 100
212 8.6 7.3 10.9
122 9.8 8.4 12.6

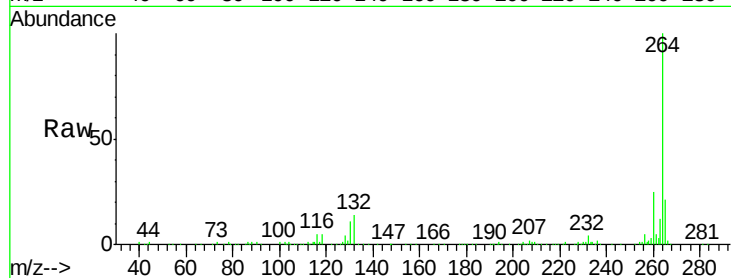




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039742.D
Acq: 4 Mar 2019 22:06

Instrument :
BNA_G
ClientSampleId :
SB-A-2-5

Tgt Ion:	264	Resp:	326079
Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.4
265	21.2	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

