

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
 Data File : BG040078.D
 Acq On : 21 Mar 2019 23:10
 Operator : JU/SJ
 Sample : K1933-05DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-5DL

Quant Time: Mar 22 04:10:39 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

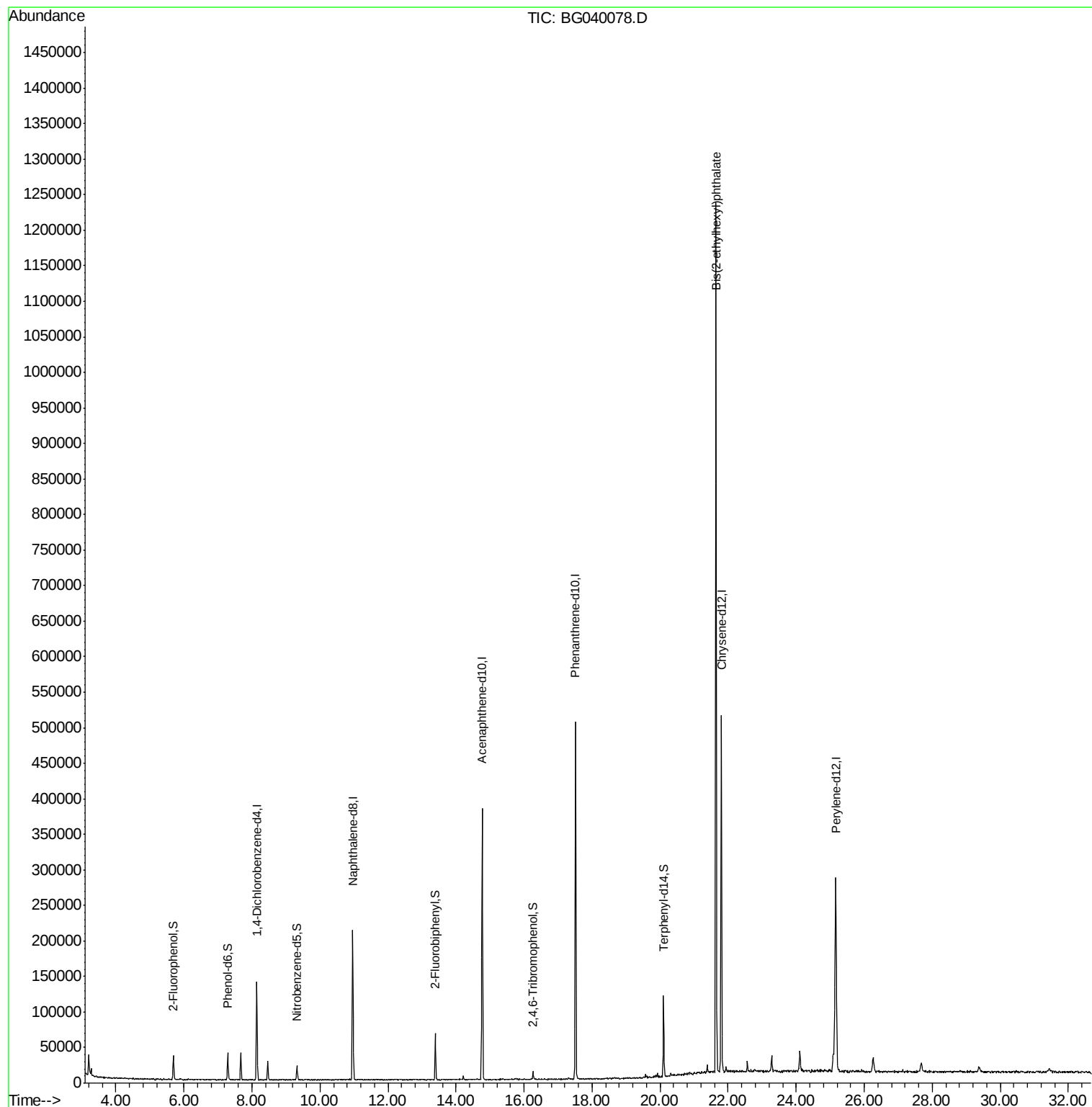
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37983	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	182918	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	134640	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	323836	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	308041	20.00	ng	-0.03
87) Perylene-d12	25.16	264	311029	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	17066	7.67	ng	-0.02
7) Phenol-d6	7.29	99	25021	7.54	ng	-0.02
23) Nitrobenzene-d5	9.32	82	14115	4.17	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	3246	2.07	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	38140	4.03	ng	-0.02
79) Terphenyl-d14	20.10	244	54283	3.88	ng	-0.02
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phthalate	21.65	149	524724	48.150	ng	99

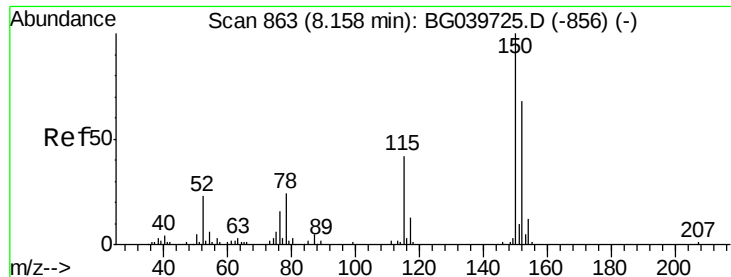
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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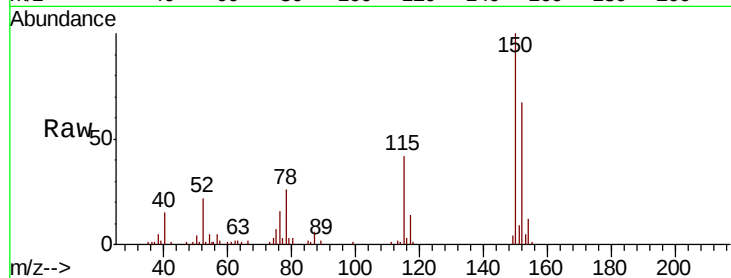


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	123.7	185.5
115	62.7	45.9	68.9

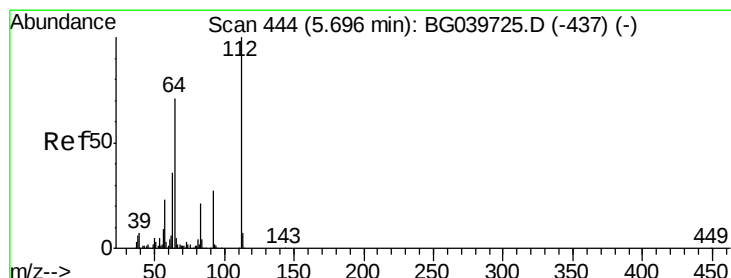
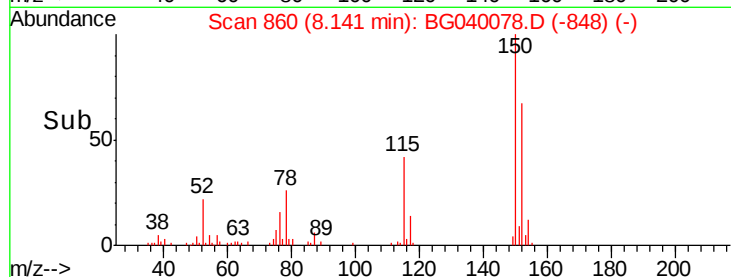
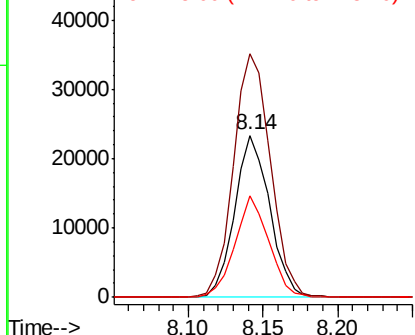


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

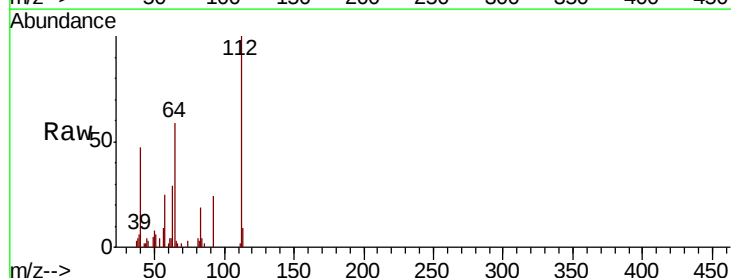
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.665 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	57.8	86.8
63	28.5	29.8	44.6#

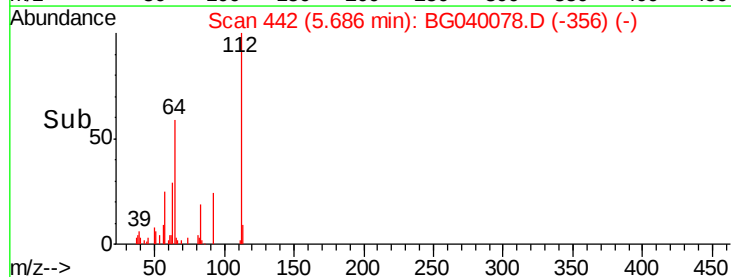
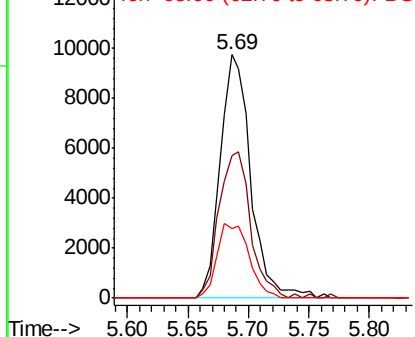


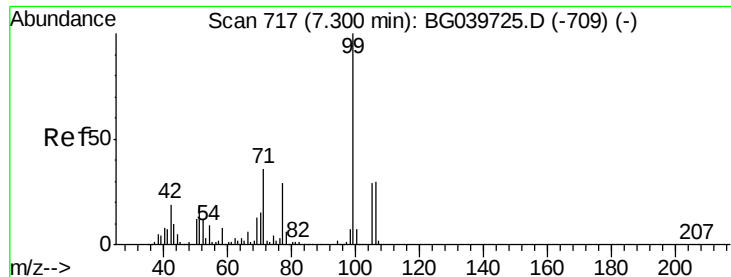
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 7.537 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040078.D

Acq: 21 Mar 2019 23:10

Instrument :

BNA_G

ClientSampleId :

S-5DL

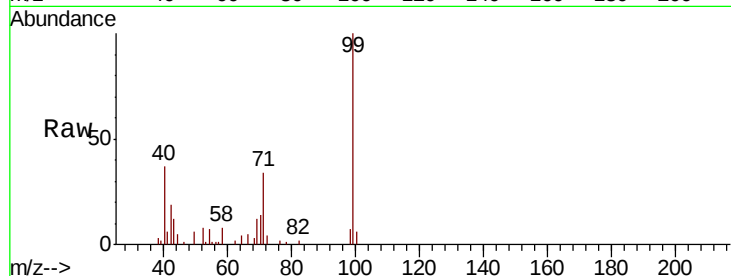
Tot Ion: 99 Resp: 25021

Ion Ratio Lower Upper

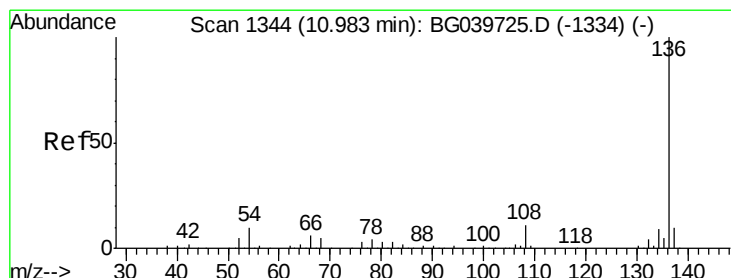
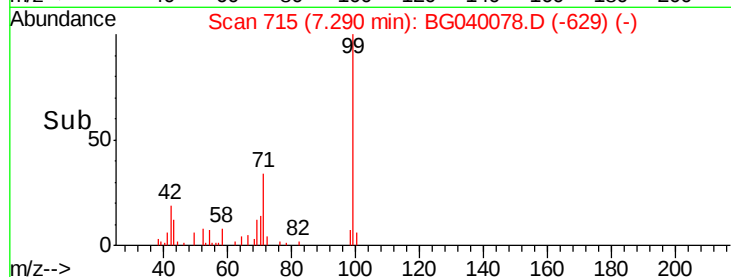
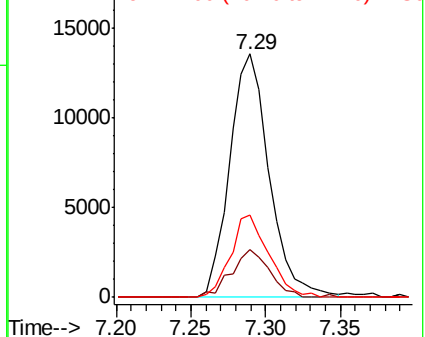
99 100

42 19.5 18.2 27.2

71 33.6 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: BG040078.D

Acq: 21 Mar 2019 23:10

Tgt Ion: 136 Resp: 182918

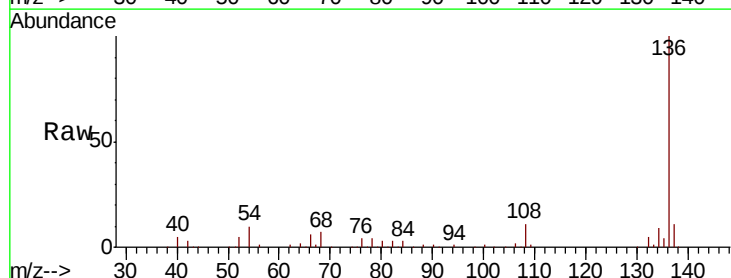
Ion Ratio Lower Upper

136 100

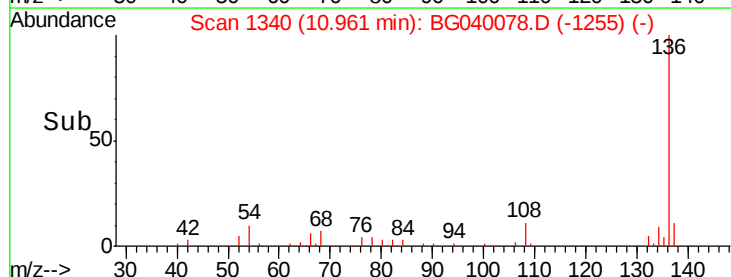
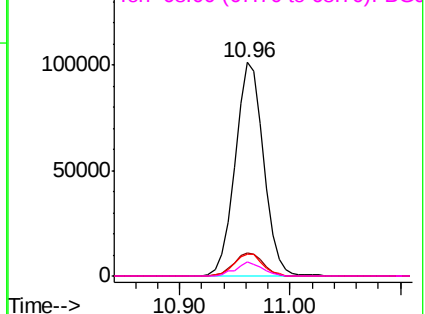
137 11.0 9.1 13.7

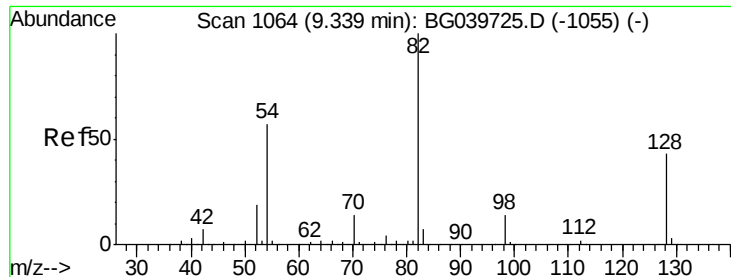
54 10.3 9.4 14.2

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

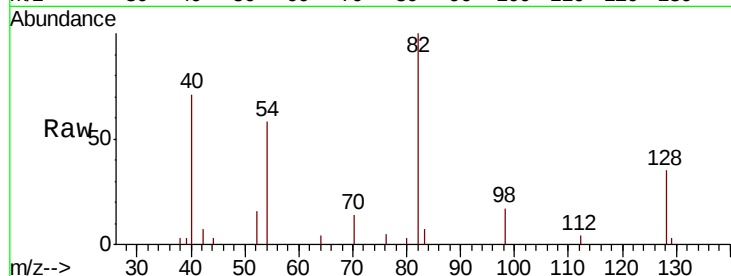




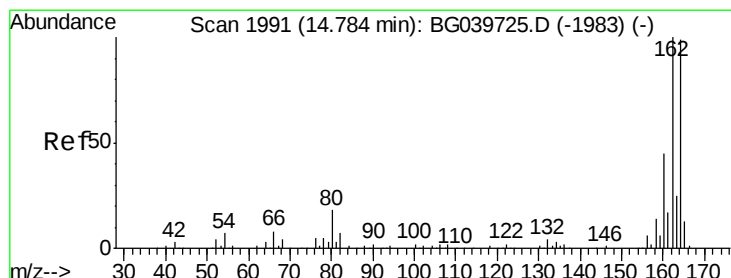
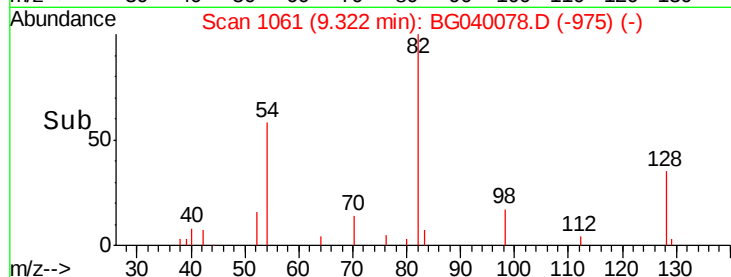
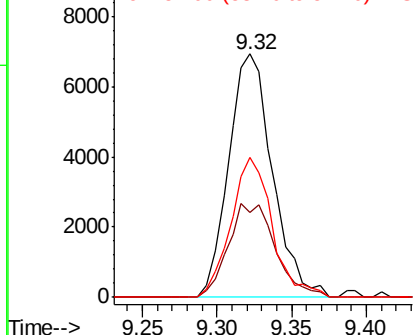
#23
Nitrobenzene-d5
Concen: 4.173 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampled :
S-5DL

Tot Ion: 82 Resp: 14115
Ion Ratio Lower Upper
82 100
128 34.8 31.3 46.9
54 57.7 50.9 76.3

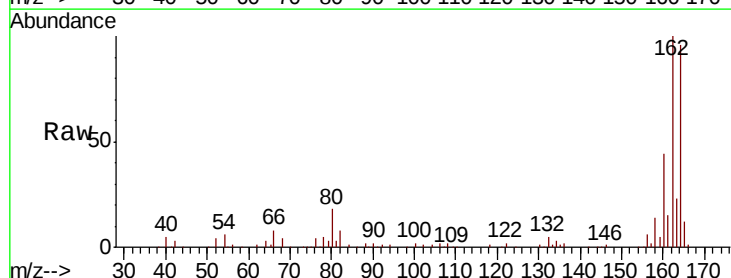


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

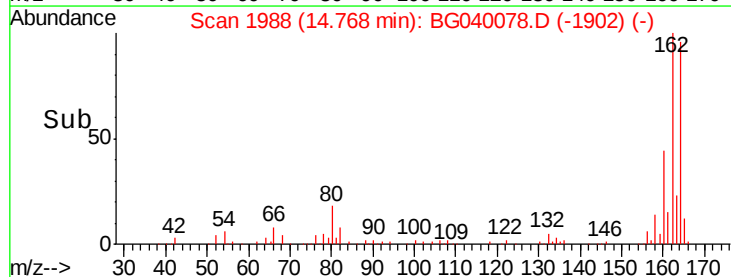
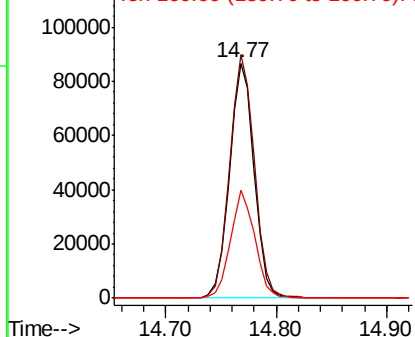


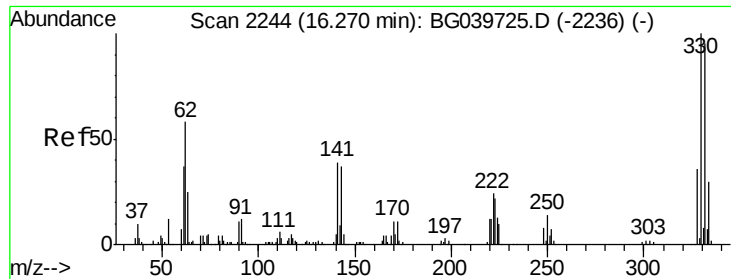
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion: 164 Resp: 134640
Ion Ratio Lower Upper
164 100
162 103.7 81.6 122.4
160 46.1 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: 2.068 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG040078.D

Acq: 21 Mar 2019 23:10

Instrument :

BNA_G

ClientSampled :

S-5DL

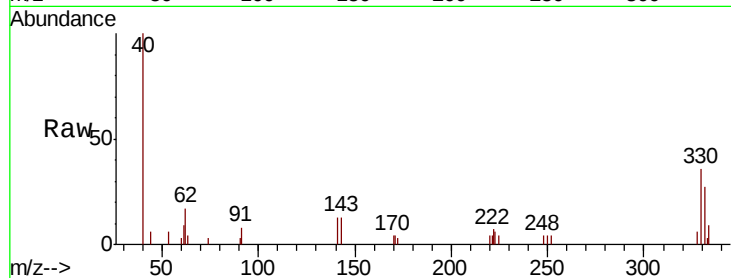
Tot Ion:330 Resp: 3246

Ion Ratio Lower Upper

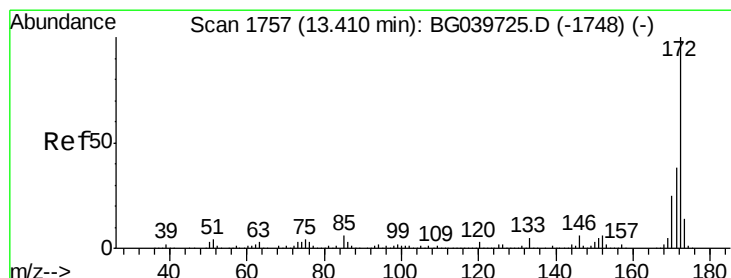
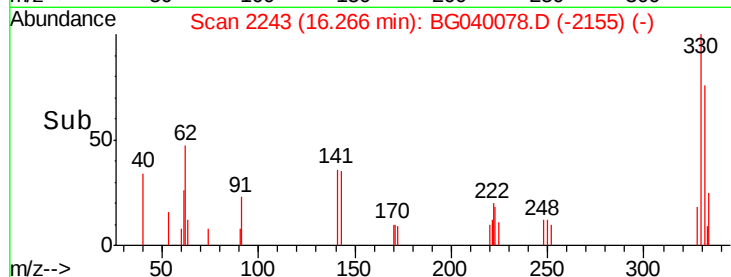
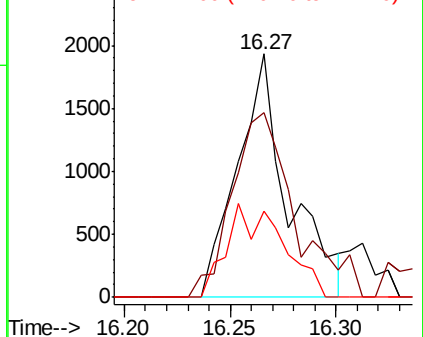
330 100

332 93.7 75.7 113.5

141 42.0 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: 4.033 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040078.D

Acq: 21 Mar 2019 23:10

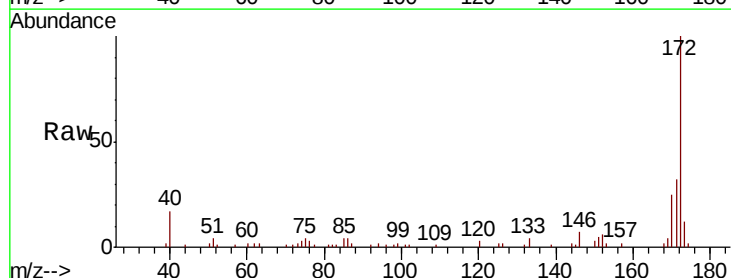
Tgt Ion:172 Resp: 38140

Ion Ratio Lower Upper

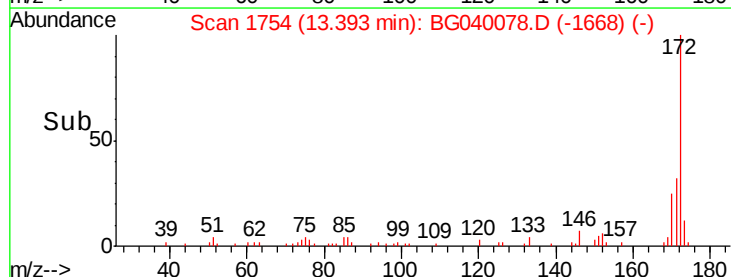
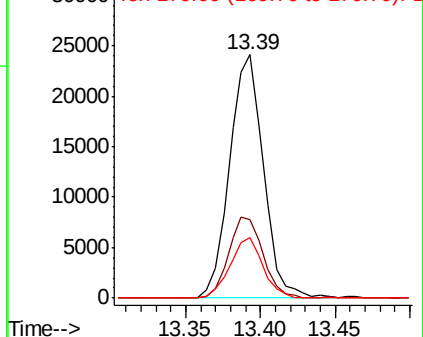
172 100

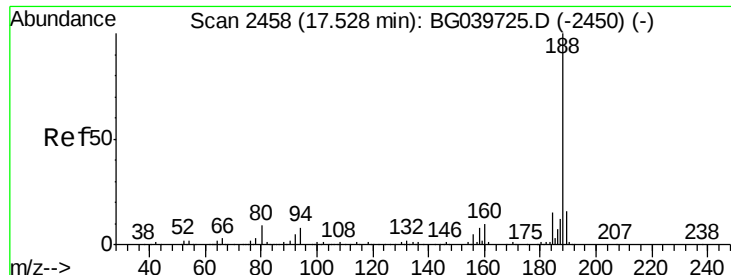
171 32.3 30.8 46.2

170 24.7 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

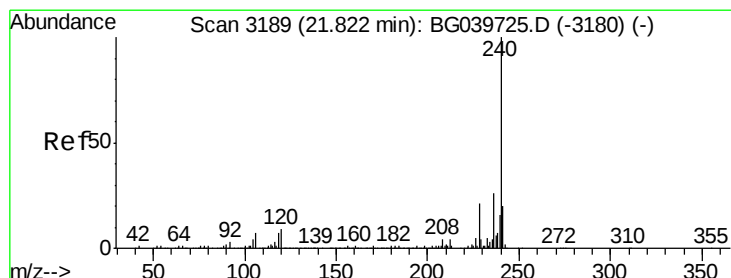
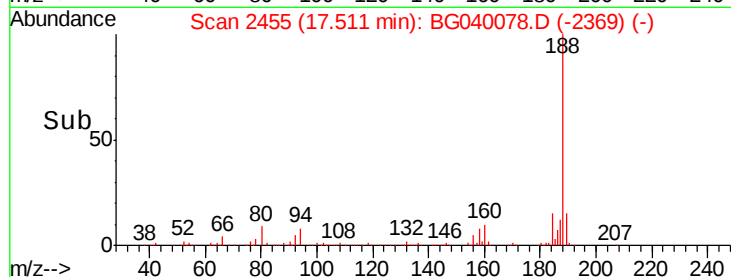
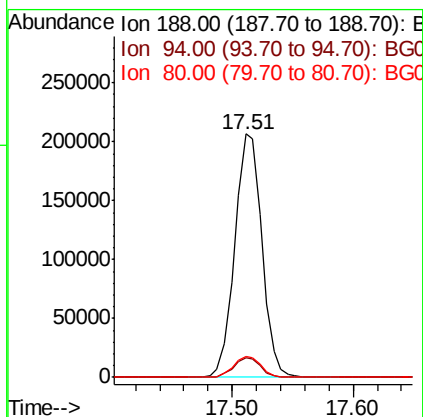
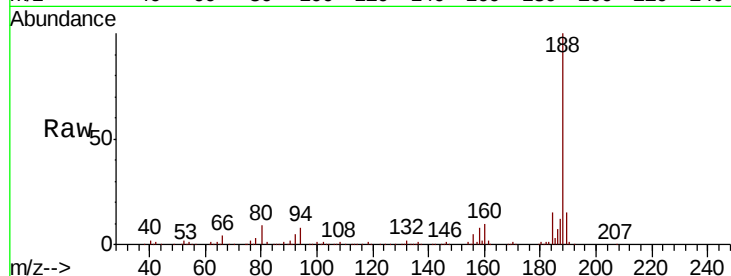




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

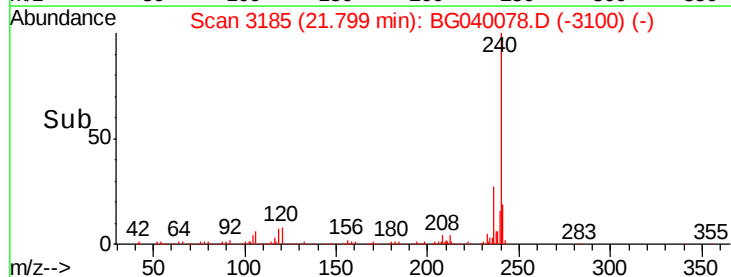
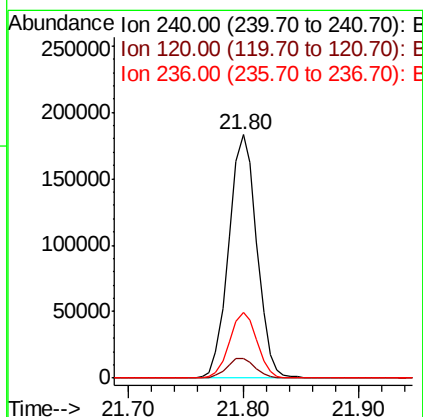
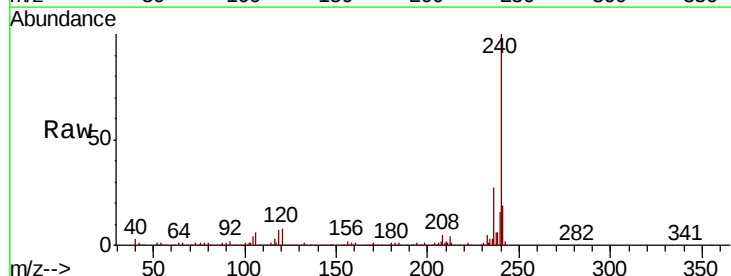
Instrument :
BNA_G
ClientSampled :
S-5DL

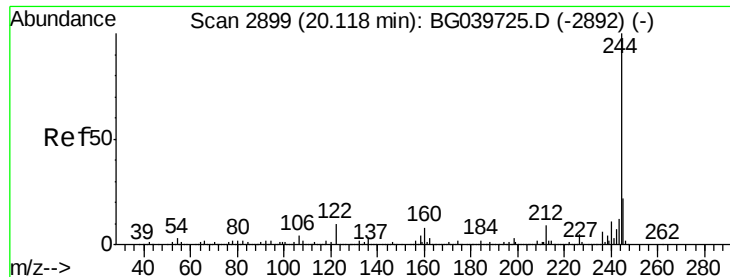
Tot Ion:188 Resp: 323836
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Tgt Ion:240 Resp: 308041
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.9 21.0 31.4





#79

Terphenyl-d14

Concen: 3.880 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040078.D

Acq: 21 Mar 2019 23:10

Instrument :

BNA_G

ClientSampled :

S-5DL

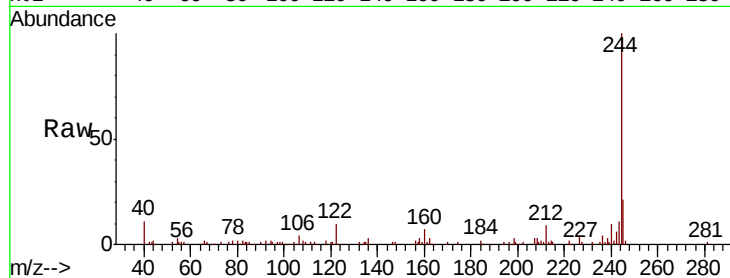
Tot Ion:244 Resp: 54283

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

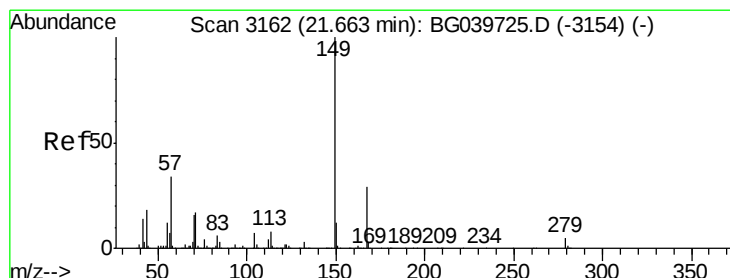
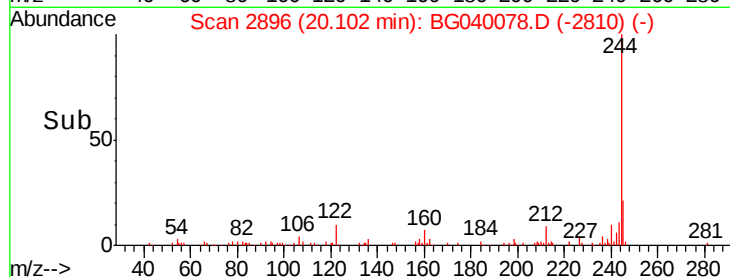
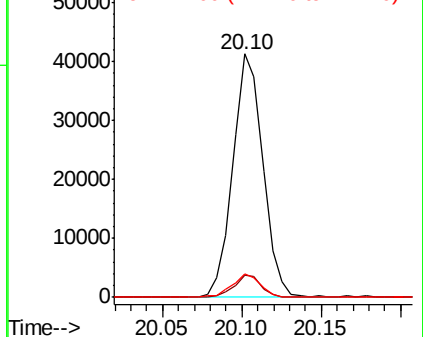
122 9.8 8.4 12.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.150 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG040078.D

Acq: 21 Mar 2019 23:10

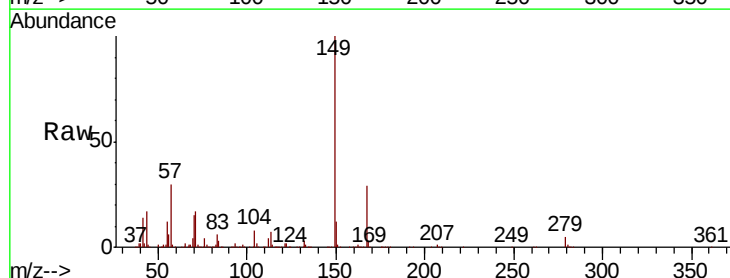
Tgt Ion:149 Resp: 524724

Ion Ratio Lower Upper

149 100

167 29.0 22.6 34.0

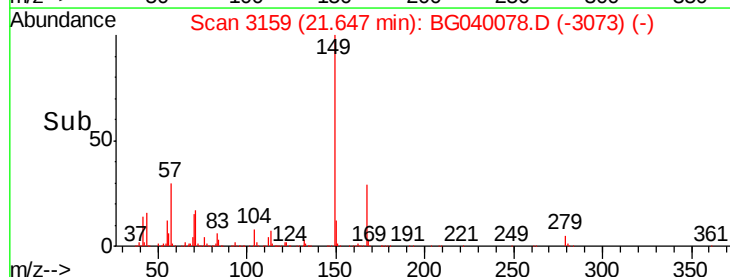
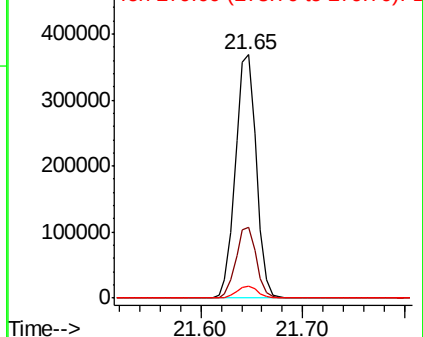
279 5.0 3.5 5.3

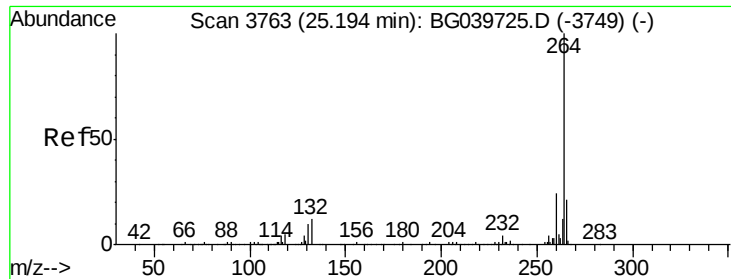


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040078.D
Acq: 21 Mar 2019 23:10

Instrument :
BNA_G
ClientSampleId :
S-5DL

Tot Ion: 264 Resp: 311029

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.2	18.5	27.7

