

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039880.D
 Acq On : 12 Mar 2019 18:53
 Operator : JU/SJ
 Sample : K1842-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07_030719

Quant Time: Mar 13 06:44:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44015	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	183420	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	132091	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	326714	20.00	ng	0.00
76) Chrysene-d12	21.81	240	339978	20.00	ng	0.00
87) Perylene-d12	25.18	264	332942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	158631	61.48	ng	0.00
7) Phenol-d6	7.29	99	139996	36.39	ng	0.00
23) Nitrobenzene-d5	9.33	82	317114	93.51	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	222190	144.32	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	799768	86.21	ng	0.00
79) Terphenyl-d14	20.12	244	1377820	89.23	ng	0.00

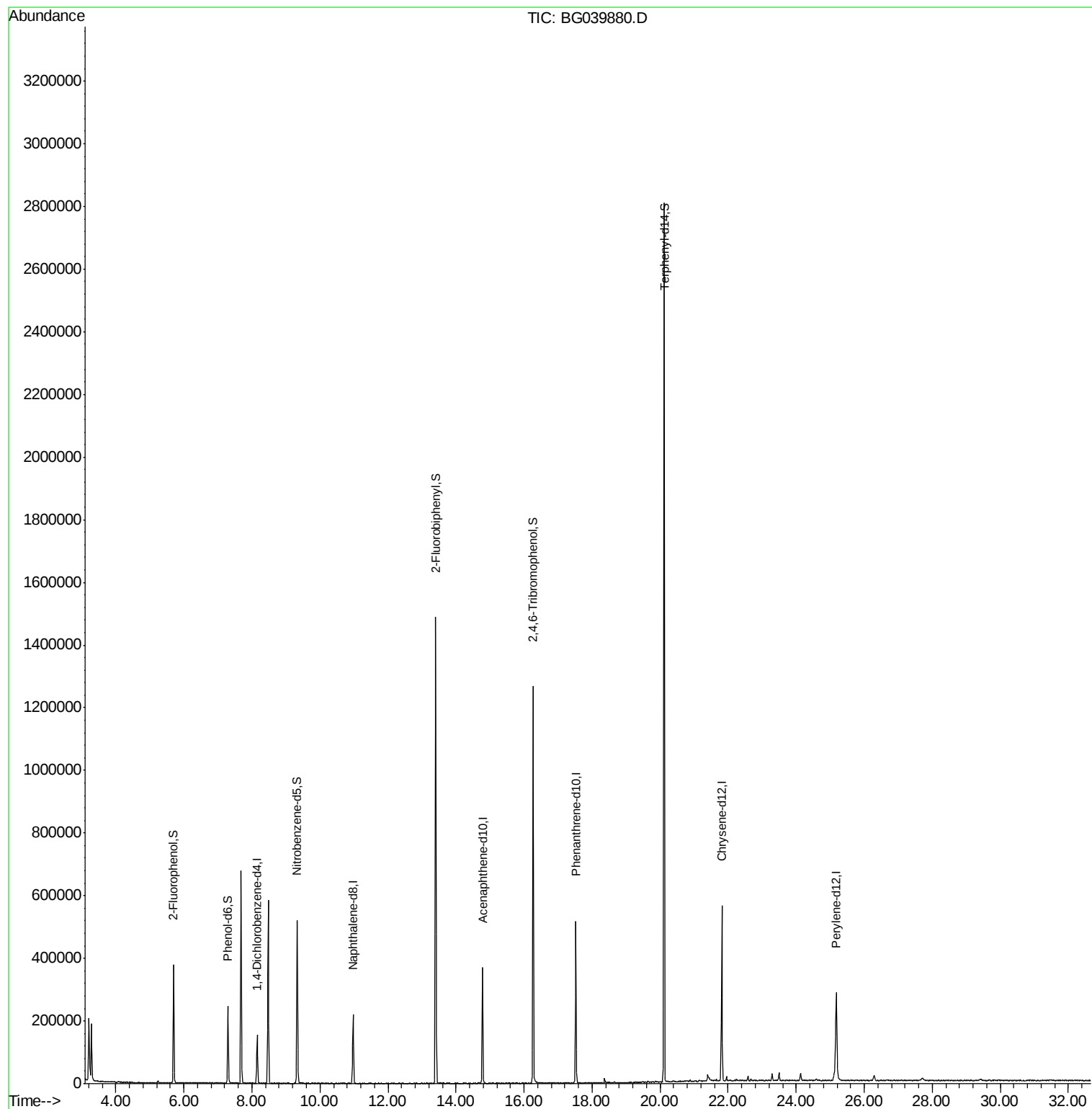
Target Compounds Qvalue

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

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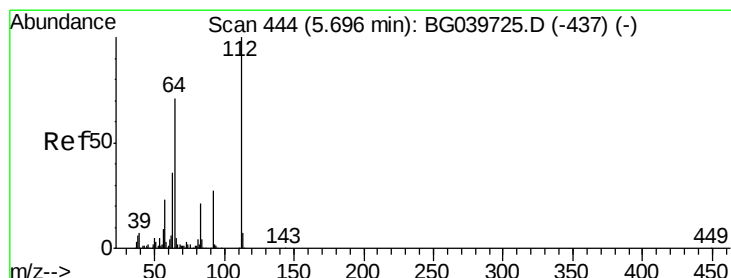
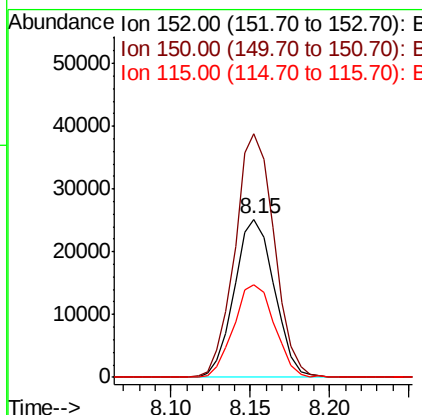
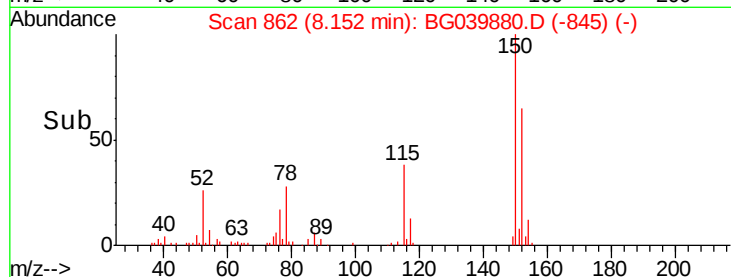
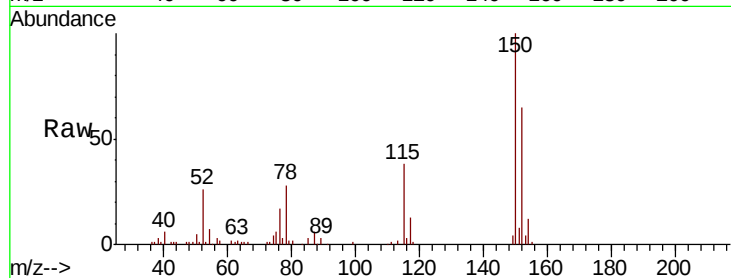


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039880.D
Acq: 12 Mar 2019 18:53

Instrument :
BNA_G
ClientSampleId :
C-MW-07_030719

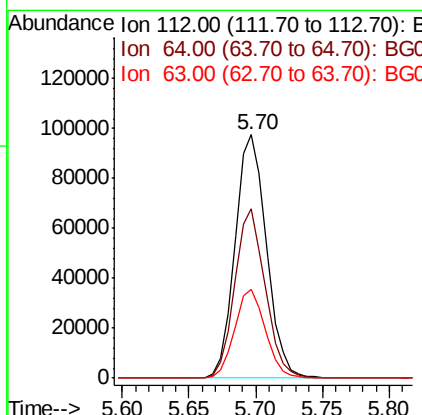
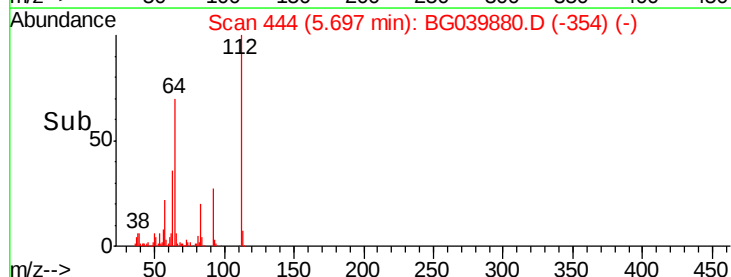
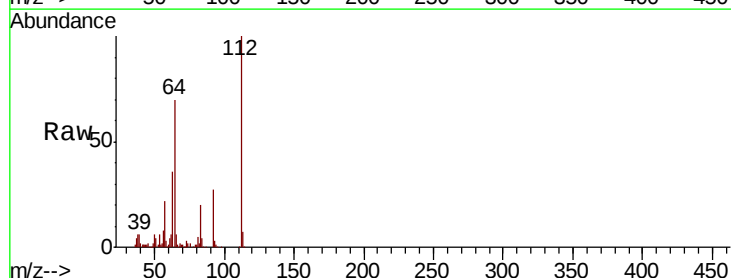
Tot Ion:152 Resp: 44015
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 58.9 45.9 68.9

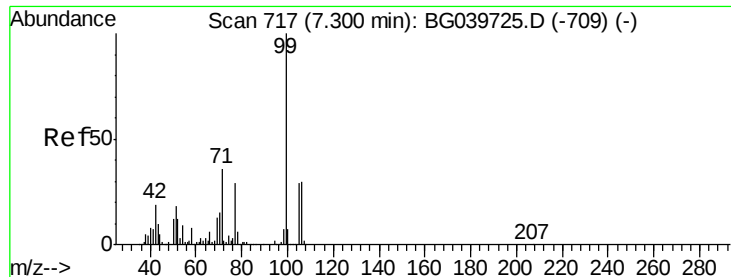


#5

2-Fluorophenol
Concen: 61.485 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG039880.D
Acq: 12 Mar 2019 18:53

Tgt Ion:112 Resp: 158631
Ion Ratio Lower Upper
112 100
64 69.7 57.8 86.8
63 36.4 29.8 44.6





#7

Phenol-d6

Concen: 36.392 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG039880.D

Acq: 12 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

C-MW-07_030719

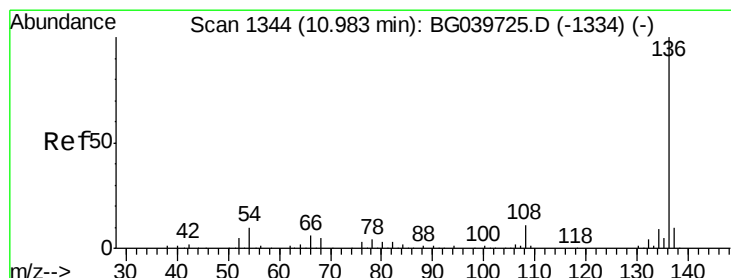
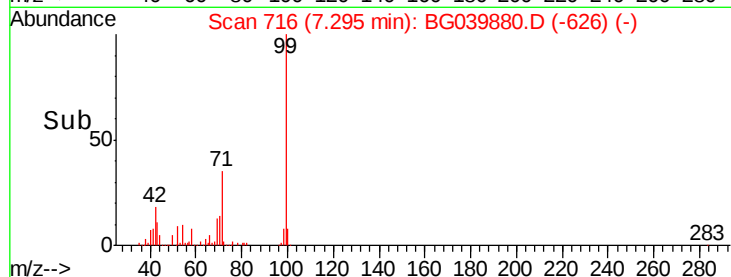
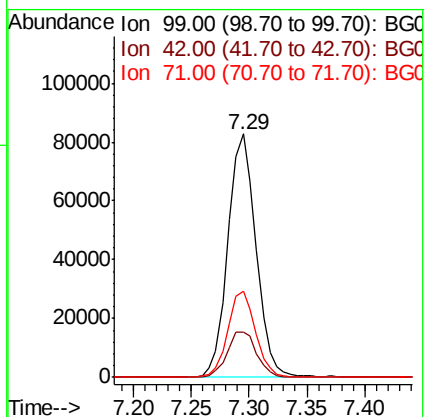
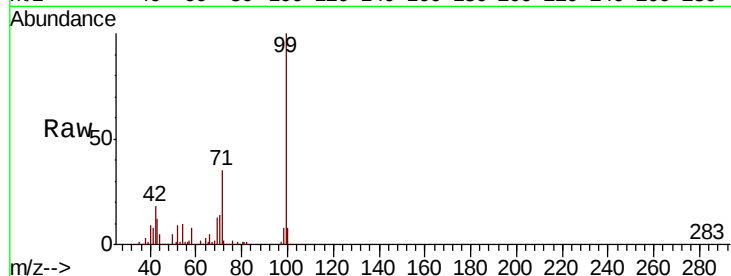
Tot Ion: 99 Resp: 139996

Ion Ratio Lower Upper

99 100

42 18.3 18.2 27.2

71 35.2 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BG039880.D

Acq: 12 Mar 2019 18:53

Tgt Ion: 136 Resp: 183420

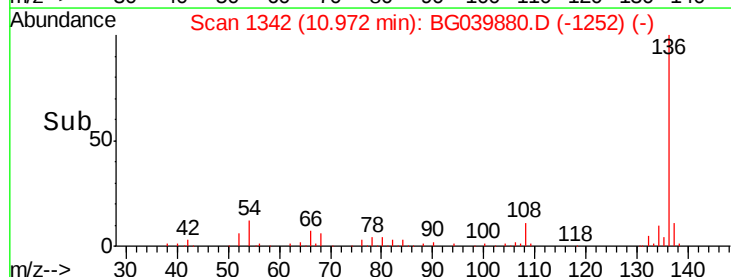
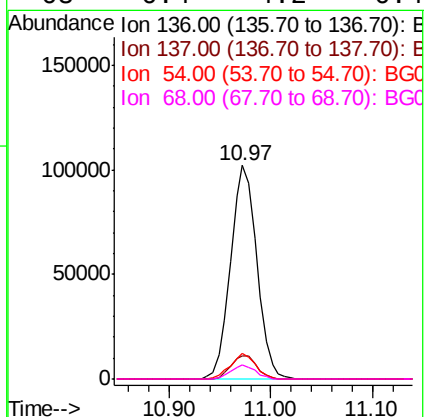
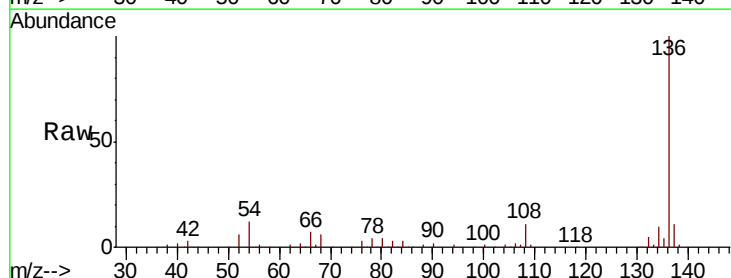
Ion Ratio Lower Upper

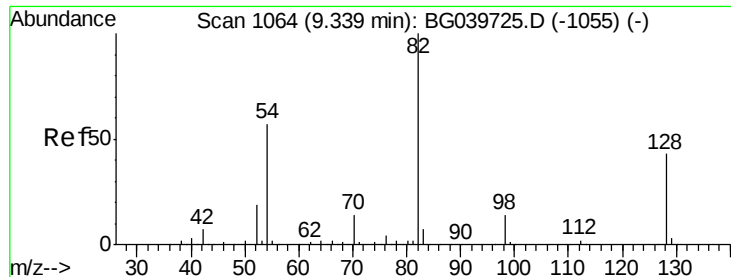
136 100

137 10.9 9.1 13.7

54 11.8 9.4 14.2

68 6.4 4.2 6.4#

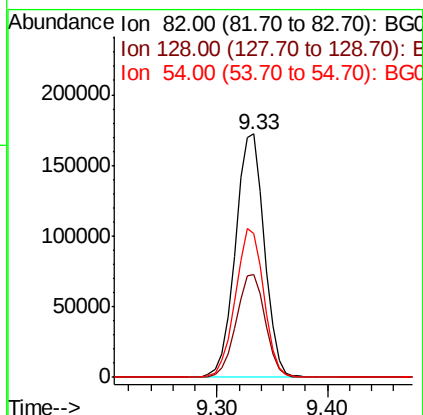
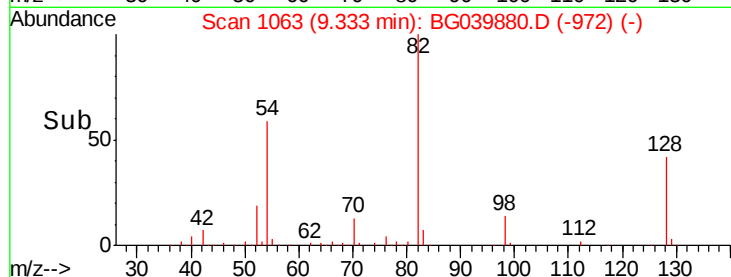
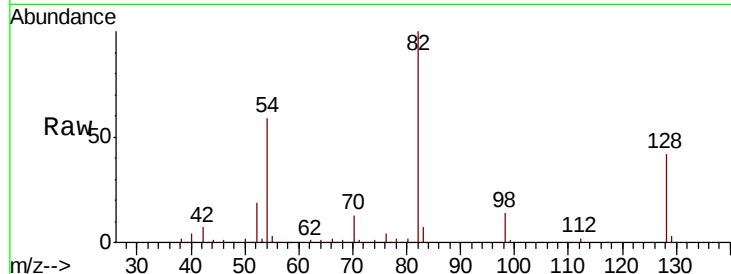




#23
 Nitrobenzene-d5
 Concen: 93.506 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BG039880.D
 Acq: 12 Mar 2019 18:53

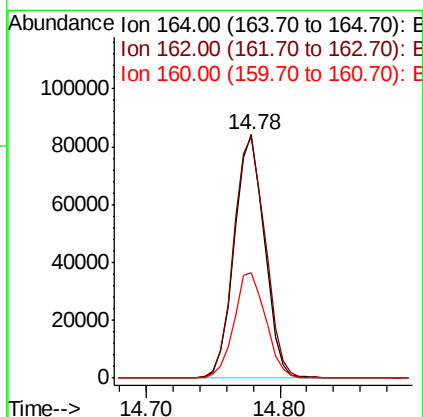
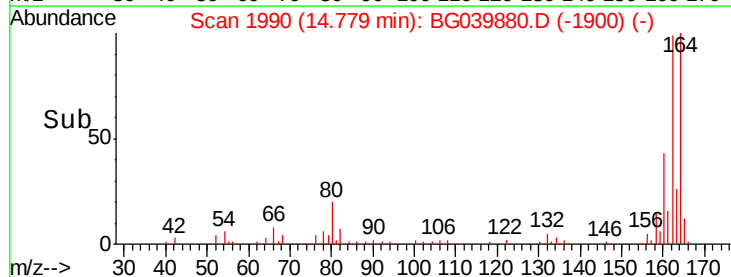
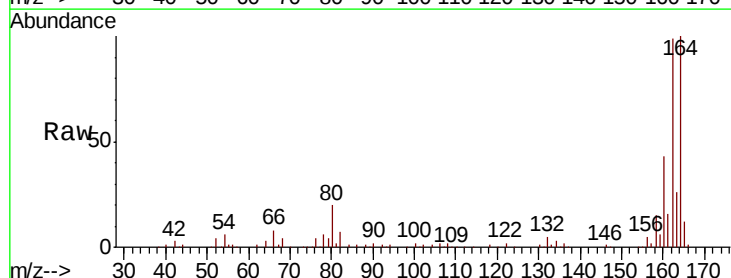
Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07_030719

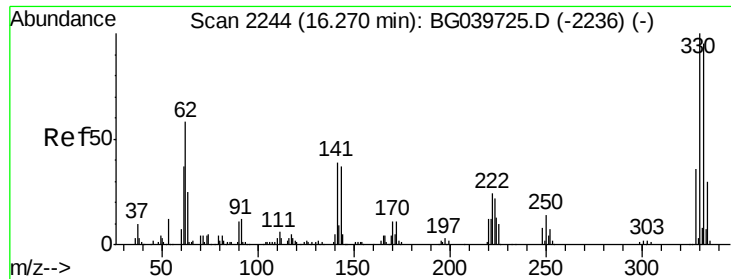
Tot Ion: 82 Resp: 317114
 Ion Ratio Lower Upper
 82 100
 128 42.2 31.3 46.9
 54 59.3 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG039880.D
 Acq: 12 Mar 2019 18:53

Tgt Ion: 164 Resp: 132091
 Ion Ratio Lower Upper
 164 100
 162 99.0 81.6 122.4
 160 43.1 34.2 51.2

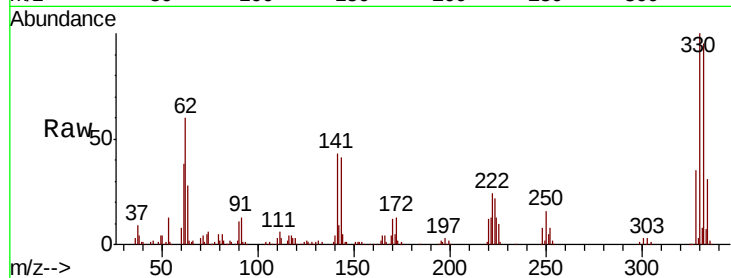




#42
 2,4,6-Tribromophenol
 Concen: 144.315 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.00 min
 Lab File: BG039880.D
 Acq: 12 Mar 2019 18:53

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07_030719

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	41.6	35.6	53.4

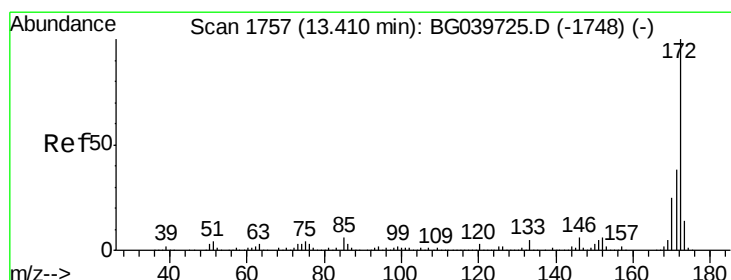
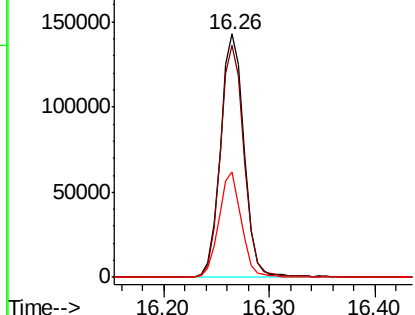
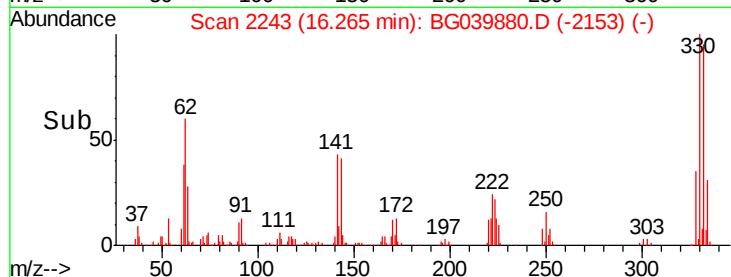


Abundance

Ion 329.80 (329.50 to 330.50): E

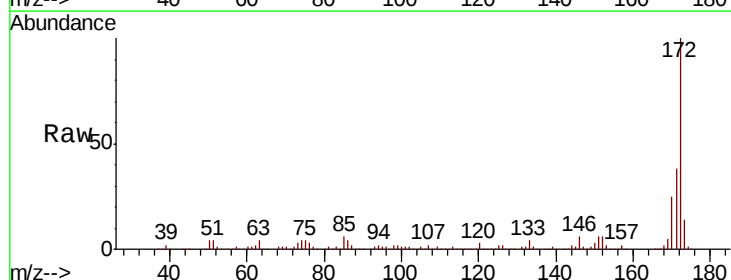
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.208 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG039880.D
 Acq: 12 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	24.7	20.2	30.4

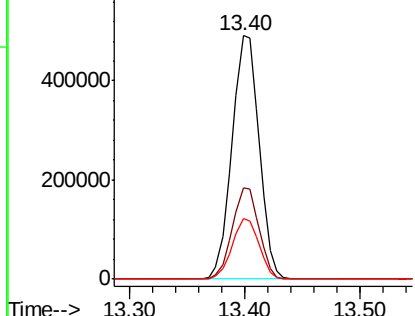
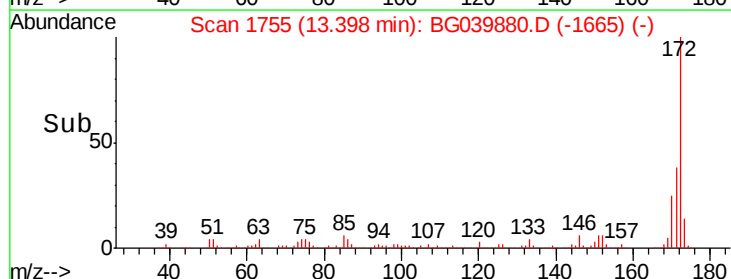


Abundance

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

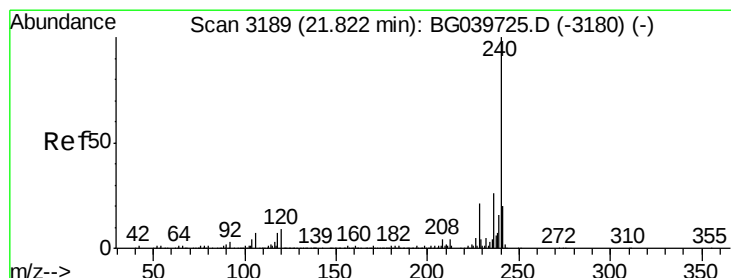
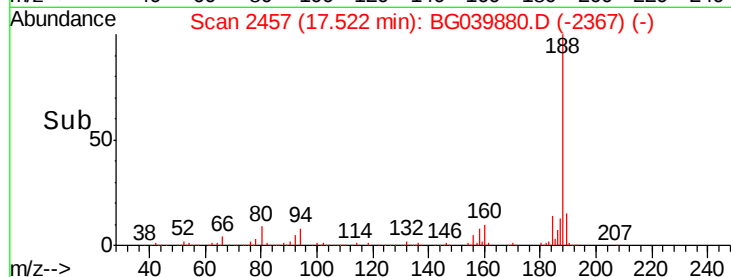
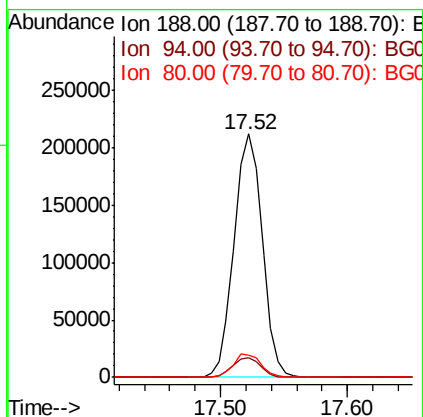
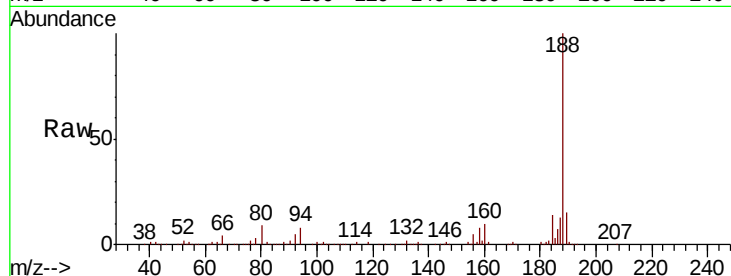




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039880.D
Acq: 12 Mar 2019 18:53

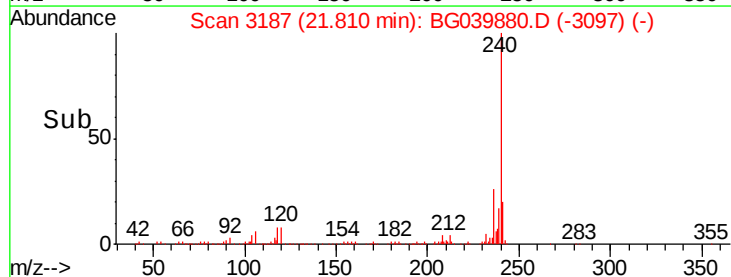
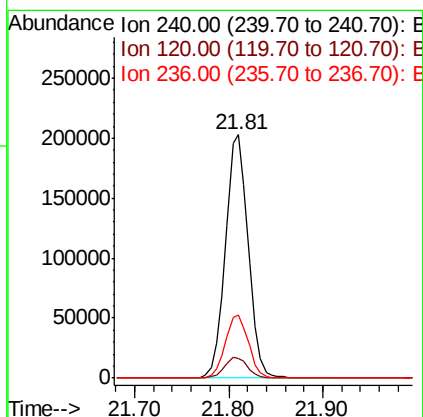
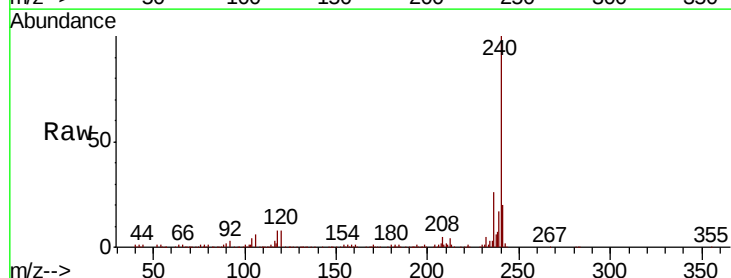
Instrument :
BNA_G
ClientSampleId :
C-MW-07_030719

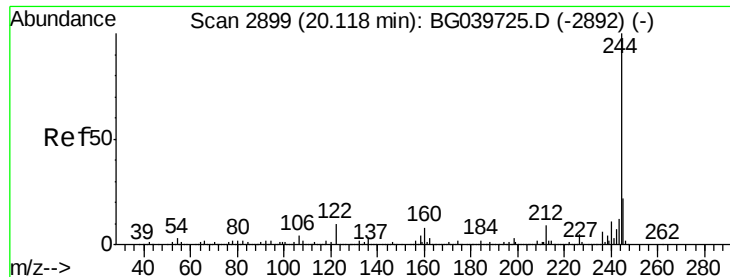
Tot Ion:188 Resp: 326714
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.00 min
Lab File: BG039880.D
Acq: 12 Mar 2019 18:53

Tgt Ion:240 Resp: 339978
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 89.232 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039880.D

Acq: 12 Mar 2019 18:53

Instrument :

BNA_G

ClientSampleId :

C-MW-07_030719

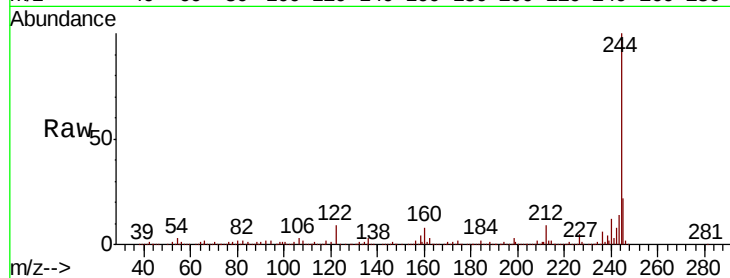
Tot Ion:244 Resp: 1377820

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

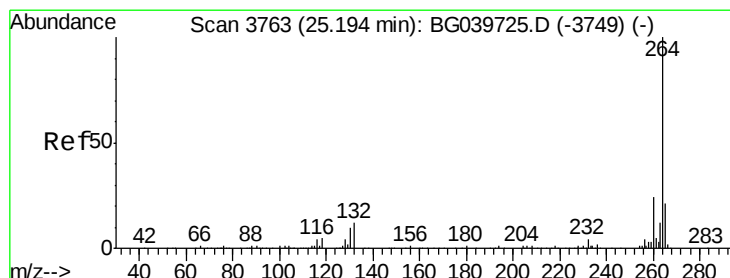
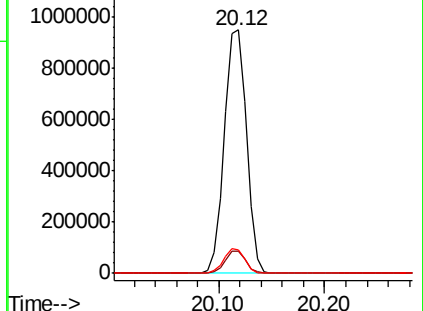
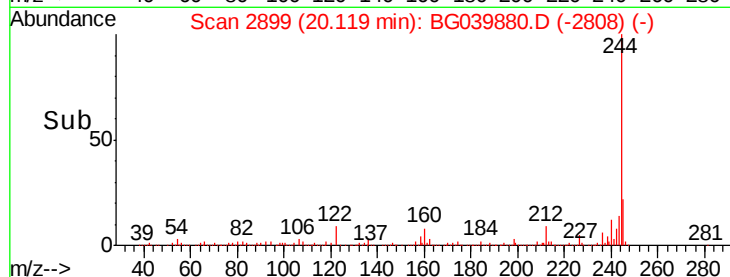
122 9.4 8.4 12.6



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: 25.18 min Scan# 3760

Delta R.T. -0.01 min

Lab File: BG039880.D

Acq: 12 Mar 2019 18:53

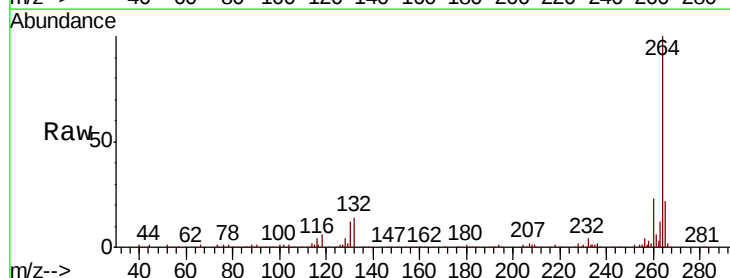
Tgt Ion:264 Resp: 332942

Ion Ratio Lower Upper

264 100

260 23.4 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

