

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
 Data File : BG039830.D
 Acq On : 8 Mar 2019 20:52
 Operator : JU/SJ
 Sample : K1783-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2019-03-05-DUP-SW

Quant Time: Mar 09 00:38:32 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	8.15	152	39112	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	173449	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	124749	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	311975	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	317764	20.00	ng	-0.02
87) Perylene-d12	25.18	264	315995	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	142216	62.03	ng	-0.01
7) Phenol-d6	7.29	99	127847	37.40	ng	-0.02
23) Nitrobenzene-d5	9.33	82	310342	96.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	203442	139.91	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	798051	91.09	ng	-0.01
79) Terphenyl-d14	20.12	244	1267460	87.82	ng	0.00

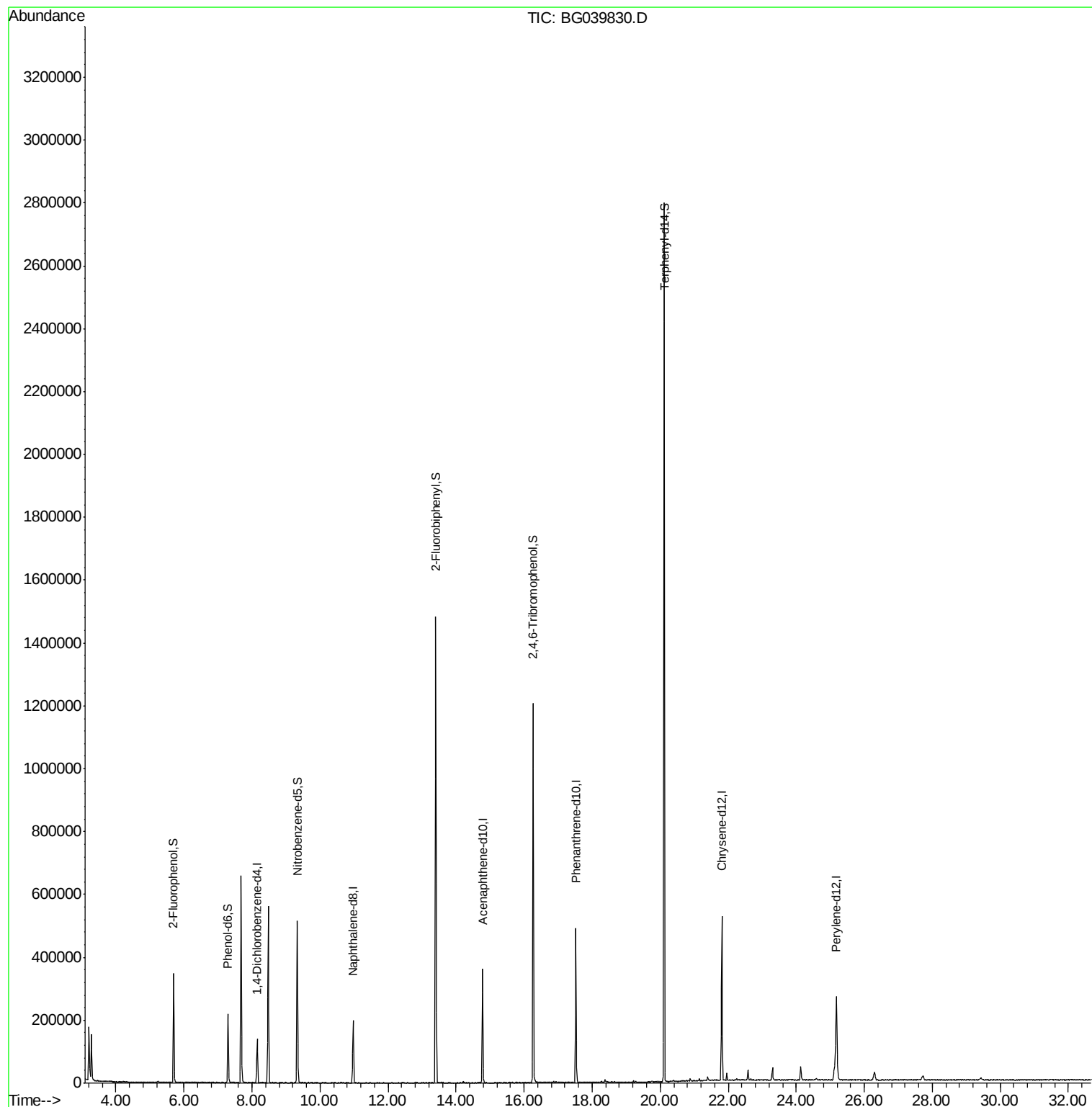
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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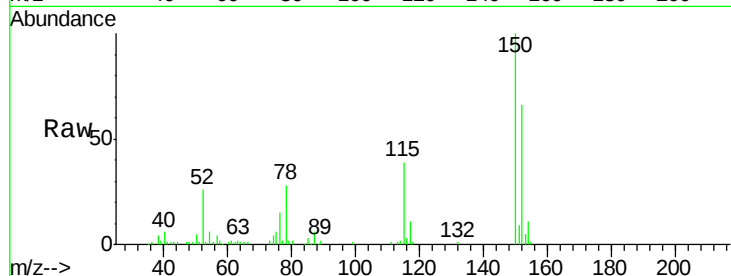


#1

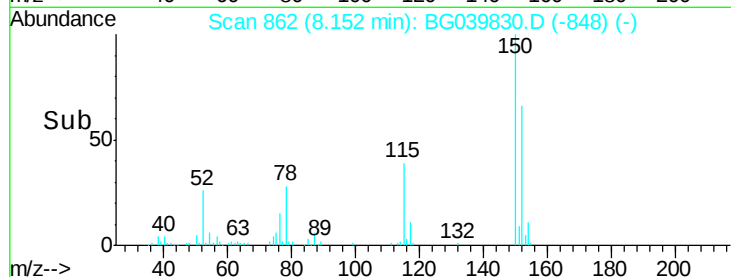
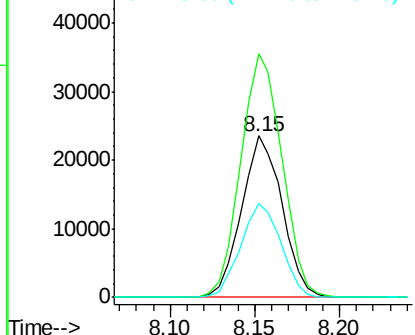
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Instrument :
BNA_G
ClientSampleId :
2019-03-05-DUP-SW

Tgt Ion:152 Resp: 39112
Ion Ratio Lower Upper
152 100
150 150.8 123.7 185.5
115 58.3 45.9 68.9



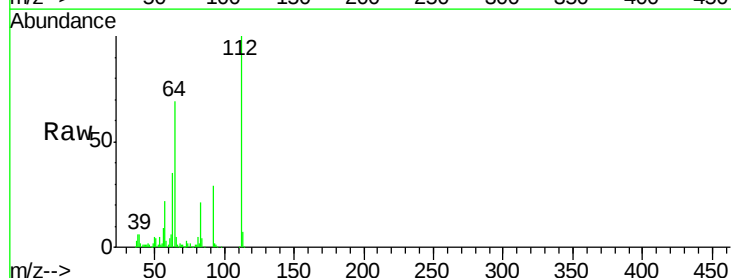
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



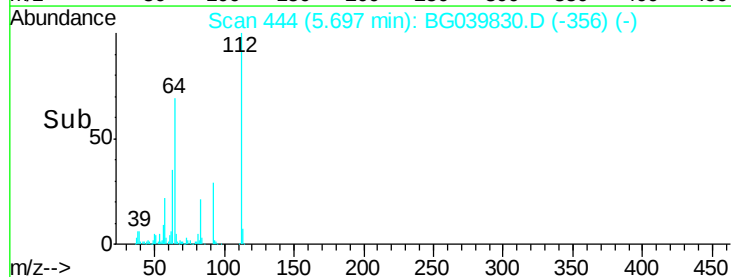
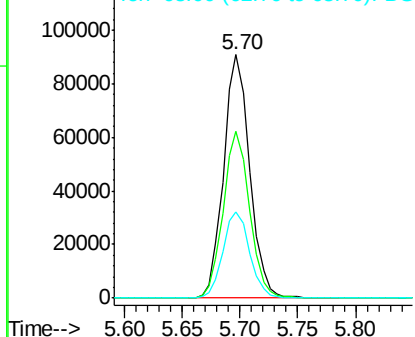
#5

2-Fluorophenol
Concen: 62.033 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Tgt Ion:112 Resp: 142216
Ion Ratio Lower Upper
112 100
64 68.5 57.8 86.8
63 35.4 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: 37.400 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

2019-03-05-DUP-SW

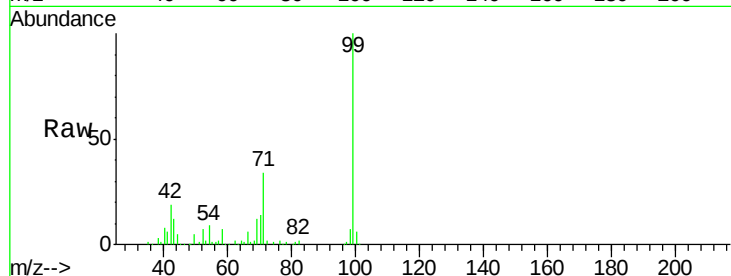
Tgt Ion: 99 Resp: 127847

Ion Ratio Lower Upper

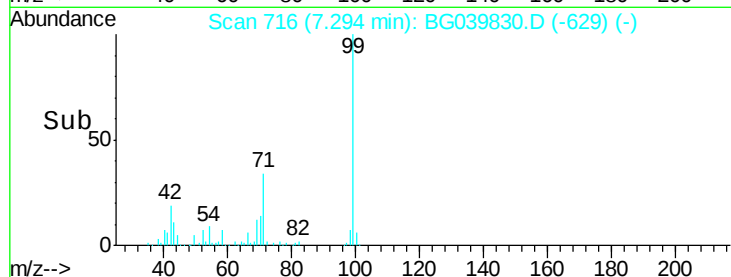
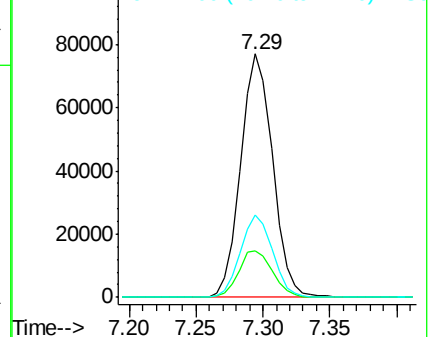
99 100

42 19.2 18.2 27.2

71 33.9 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: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Tgt Ion: 136 Resp: 173449

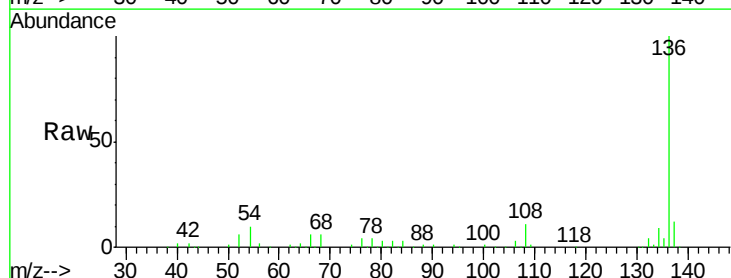
Ion Ratio Lower Upper

136 100

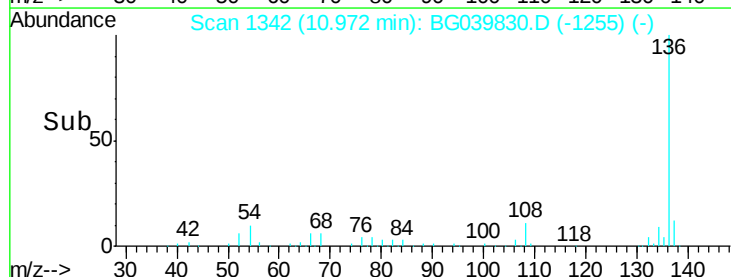
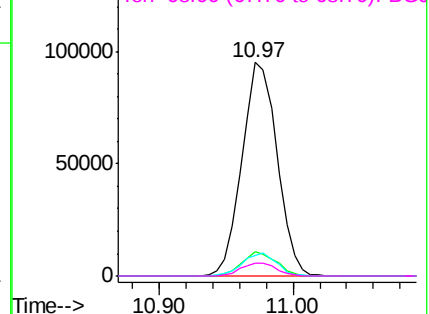
137 11.5 9.1 13.7

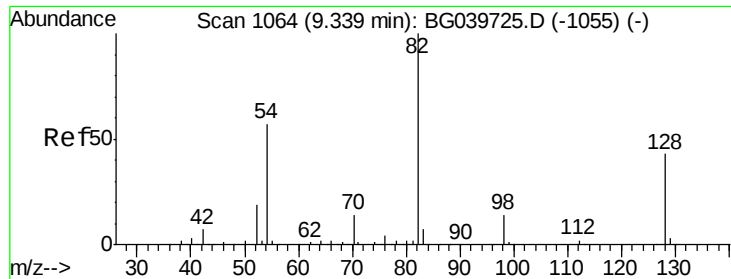
54 9.7 9.4 14.2

68 6.1 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

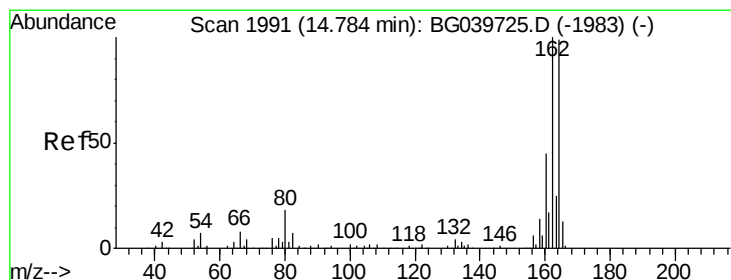
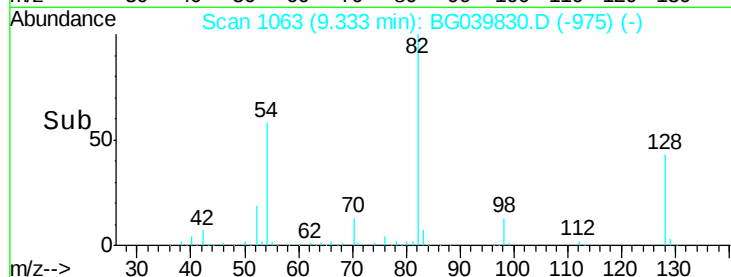
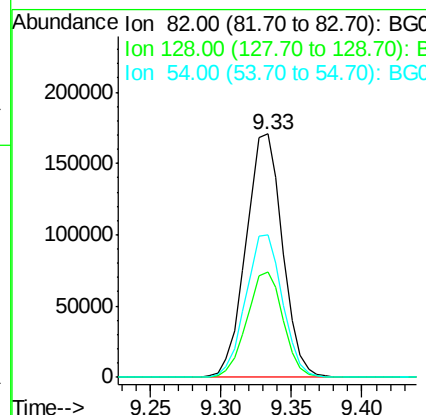
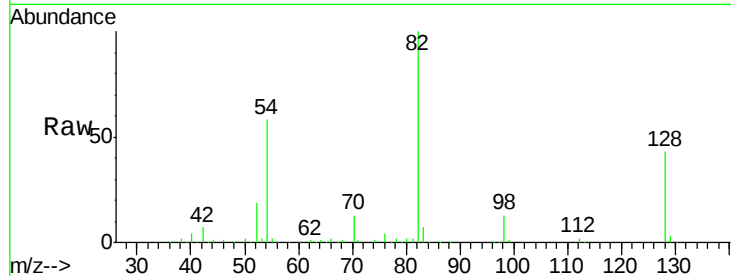




#23
 Nitrobenzene-d5
 Concen: 96.769 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

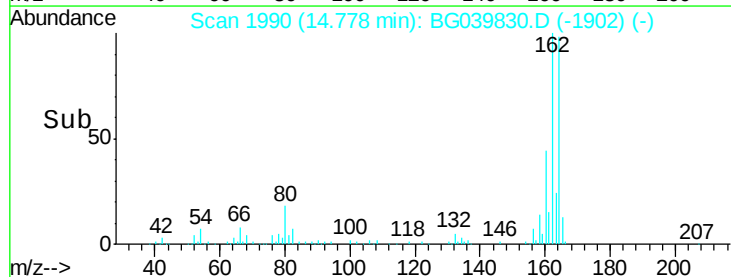
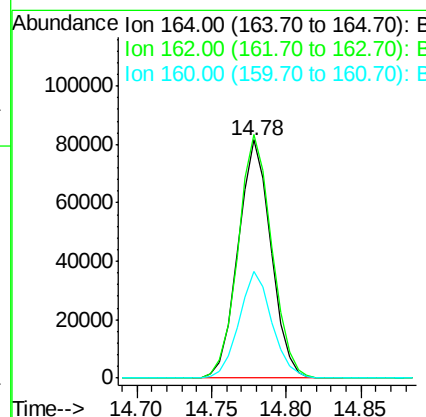
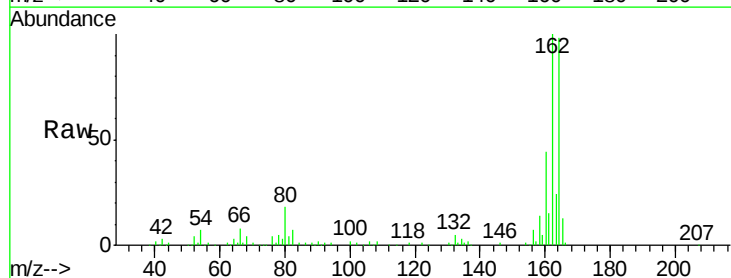
Instrument :
 BNA_G
 ClientSampleId :
 2019-03-05-DUP-SW

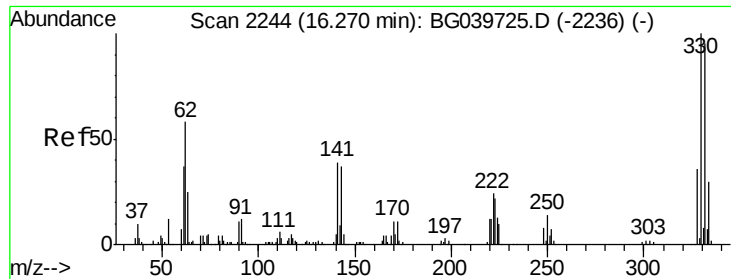
Tgt Ion: 82 Resp: 310342
 Ion Ratio Lower Upper
 82 100
 128 43.4 31.3 46.9
 54 58.3 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039830.D
 Acq: 8 Mar 2019 20:52

Tgt Ion: 164 Resp: 124749
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.6 122.4
 160 44.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 139.915 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

2019-03-05-DUP-SW

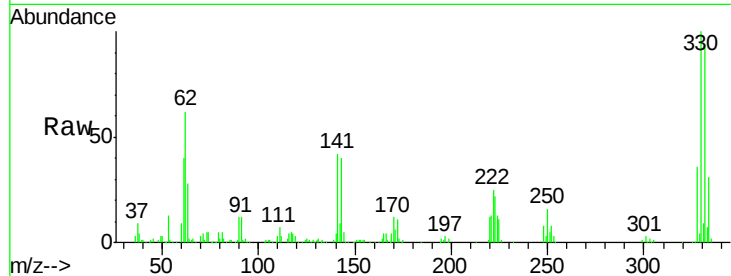
Tgt Ion:330 Resp: 203442

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

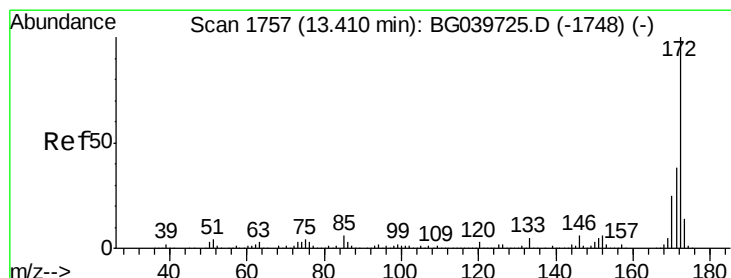
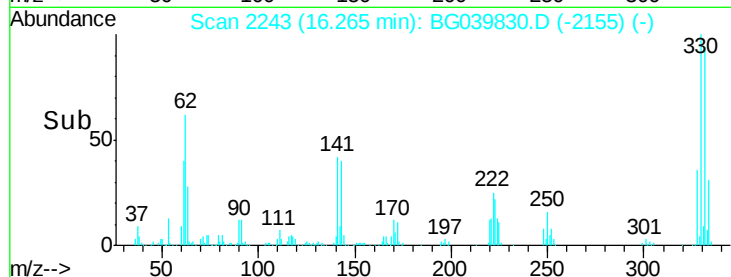
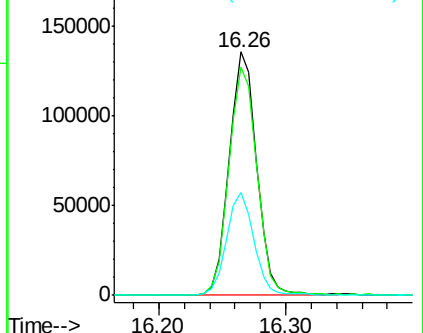
141 42.0 35.6 53.4



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: 91.086 ng

RT: 13.40 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

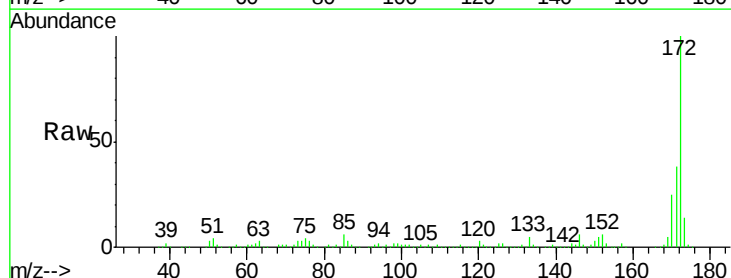
Tgt Ion:172 Resp: 798051

Ion Ratio Lower Upper

172 100

171 37.7 30.8 46.2

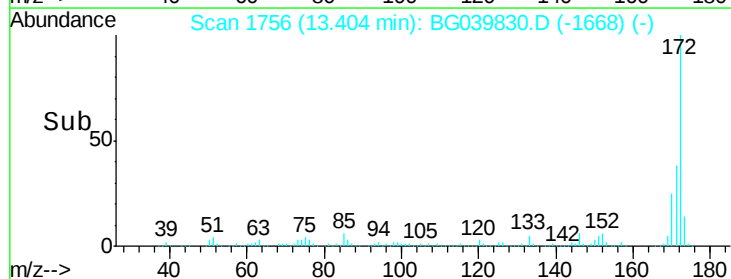
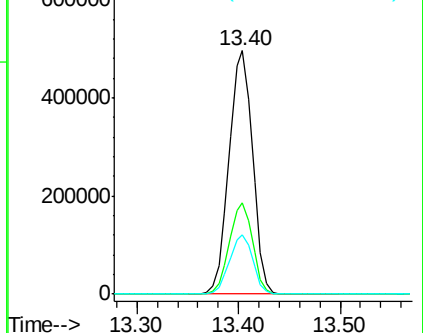
170 24.6 20.2 30.4



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

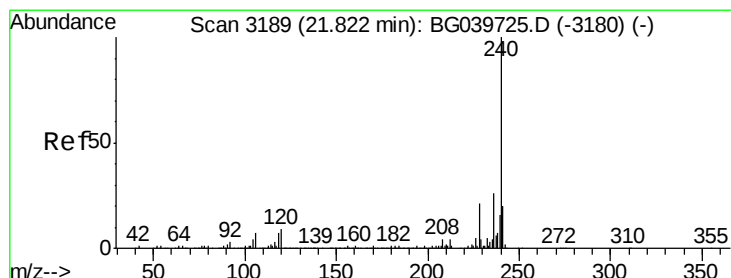
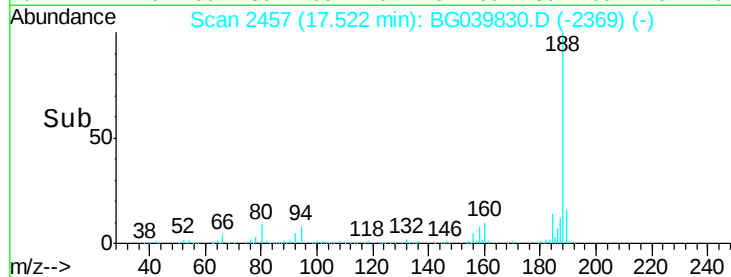
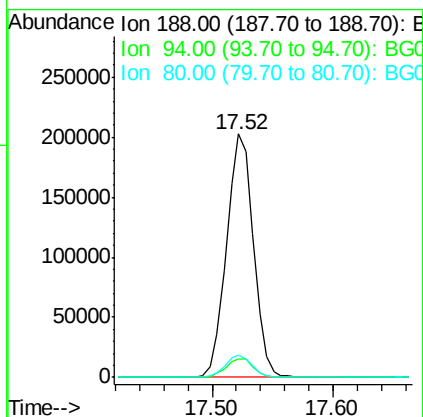
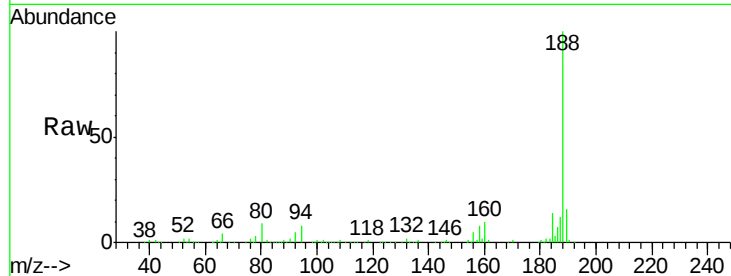




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

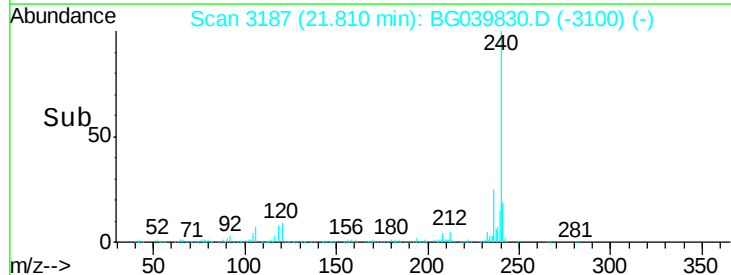
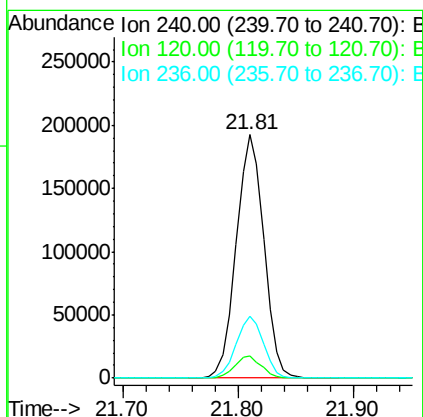
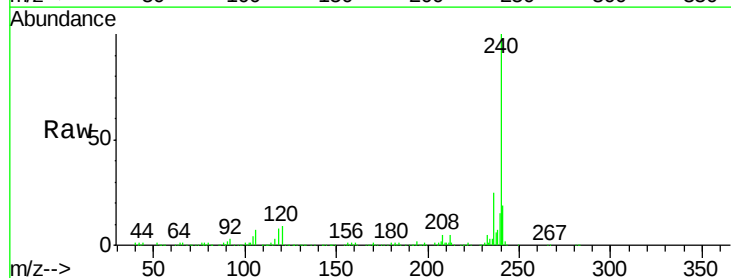
Instrument :
BNA_G
ClientSampleId :
2019-03-05-DUP-SW

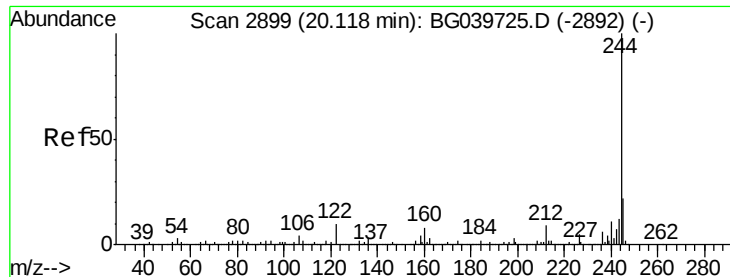
Tgt Ion:188 Resp: 311975
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 8.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039830.D
Acq: 8 Mar 2019 20:52

Tgt Ion:240 Resp: 317764
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 25.4 21.0 31.4





#79

Terphenyl-d14

Concen: 87.823 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

Instrument :

BNA_G

ClientSampleId :

2019-03-05-DUP-SW

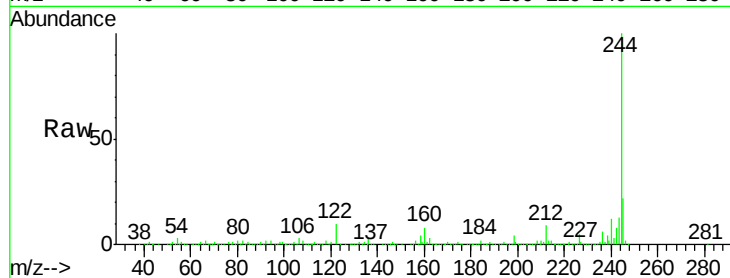
Tgt Ion:244 Resp: 1267460

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

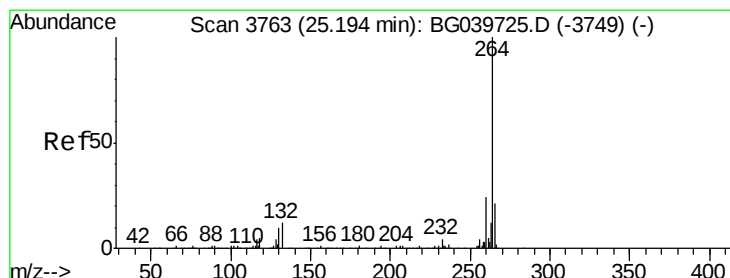
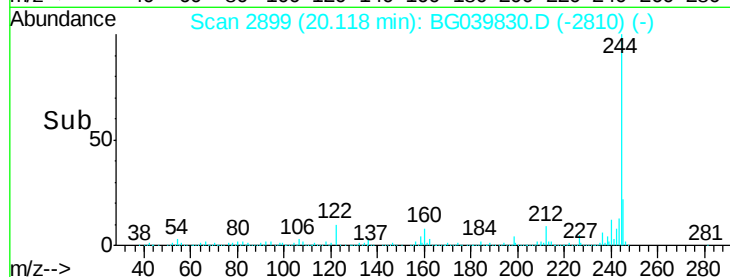
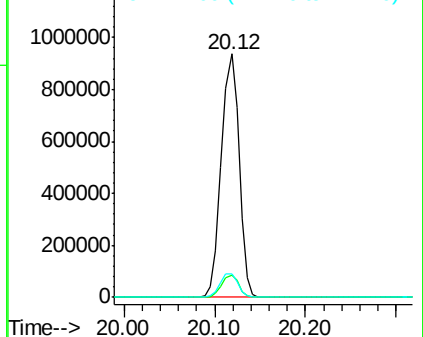
122 9.5 8.4 12.6



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. -0.02 min

Lab File: BG039830.D

Acq: 8 Mar 2019 20:52

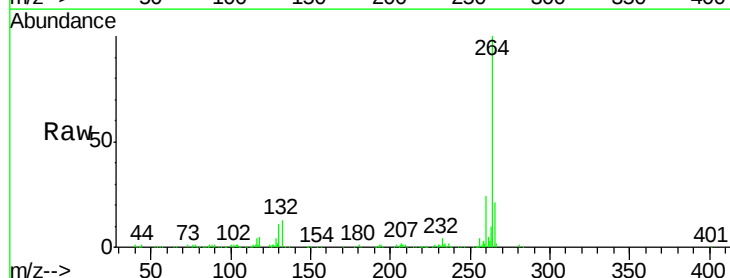
Tgt Ion:264 Resp: 315995

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.1 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

