

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040339.D
 Acq On : 3 Apr 2019 23:49
 Operator : JU/SJ
 Sample : K1695-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV-28399L

Quant Time: Apr 04 03:21:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

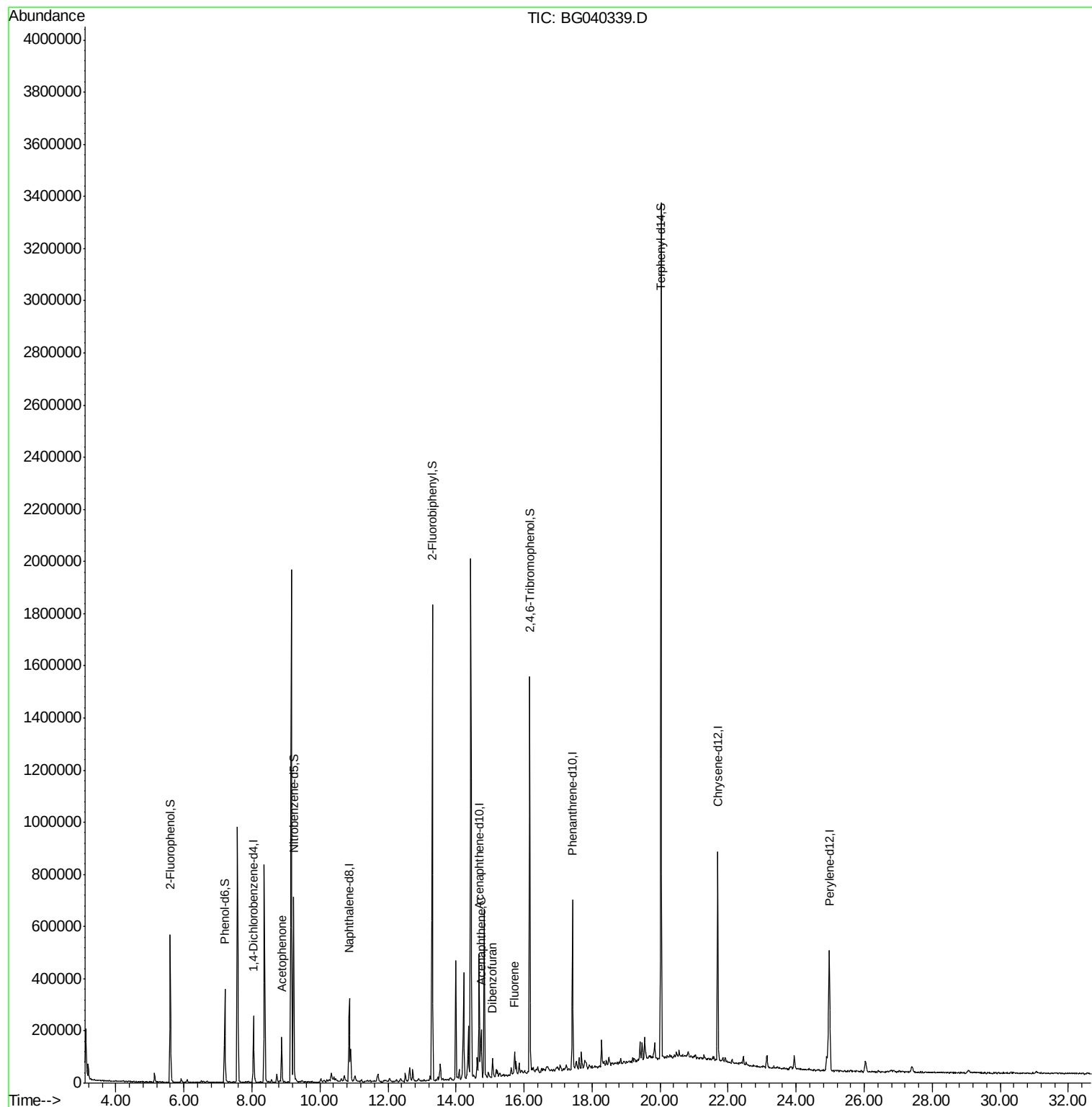
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	72654	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	289896	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	167996	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	421470	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	470839	20.00	ng	-0.04
87) Perylene-d12	24.98	264	492365	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	263962	60.40	ng	-0.01
7) Phenol-d6	7.20	99	222512	36.84	ng	-0.02
23) Nitrobenzene-d5	9.22	82	435903	79.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	277581	152.89	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	979261	86.37	ng	-0.02
79) Terphenyl-d14	20.03	244	1583628	75.67	ng	-0.02
Target Compounds						
22) Acetophenone	8.88	105	99810	13.802	ng	Qvalue # 97
52) Acenaphthene	14.74	154	66291	6.701	ng	92
55) Dibenzofuran	15.08	168	45232	2.846	ng	97
58) Fluorene	15.72	166	38592	3.088	ng	95

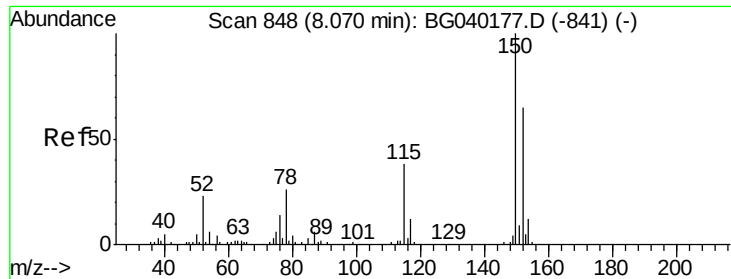
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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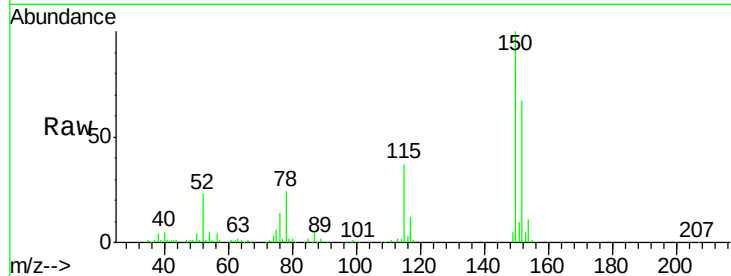


#1

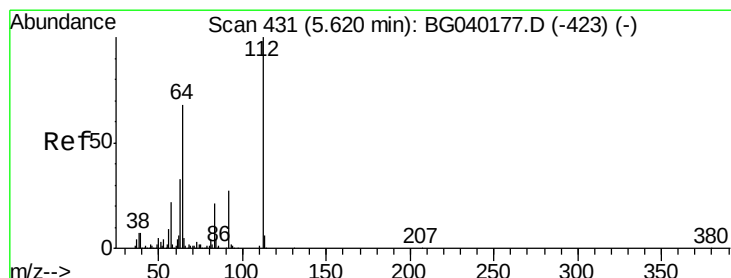
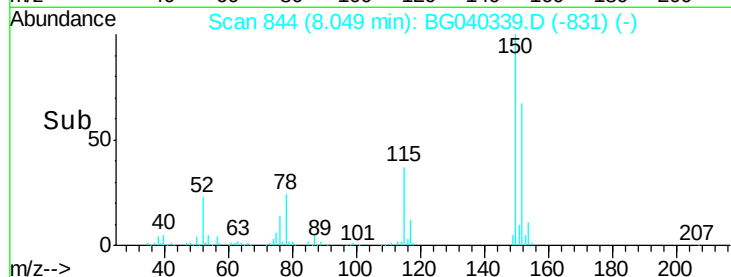
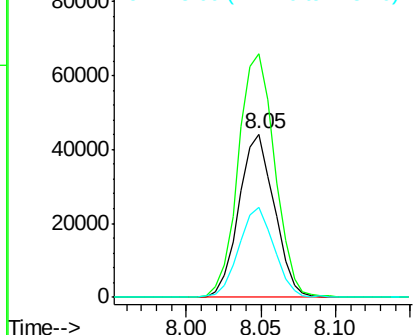
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040339.D
Acq: 3 Apr 2019 23:49

Instrument :
BNA_G
ClientSampleId :
SV-28399L

Tgt Ion:152 Resp: 72654
Ion Ratio Lower Upper
152 100
150 148.9 123.7 185.5
115 54.9 46.9 70.3



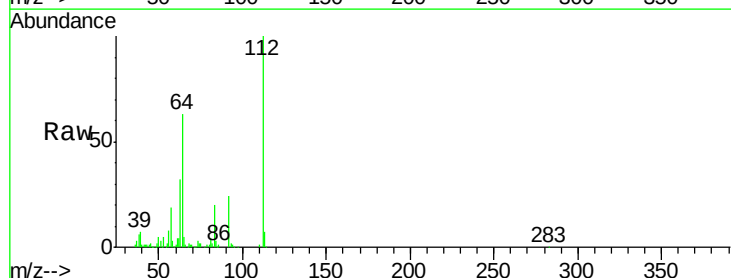
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



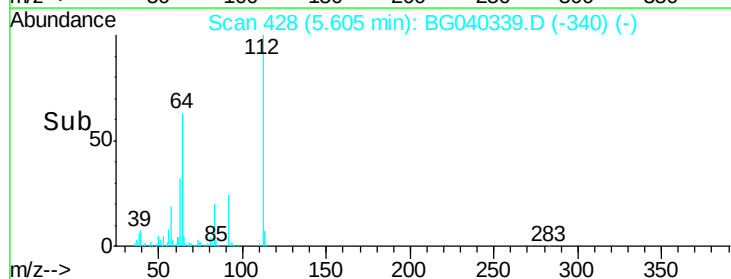
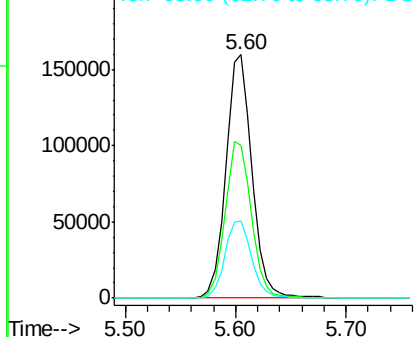
#5

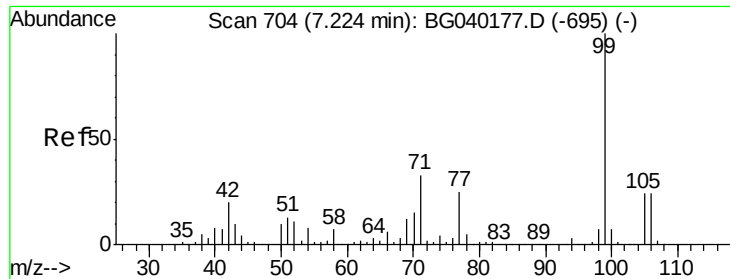
2-Fluorophenol
Concen: 60.398 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040339.D
Acq: 3 Apr 2019 23:49

Tgt Ion:112 Resp: 263962
Ion Ratio Lower Upper
112 100
64 62.6 54.2 81.2
63 32.0 26.4 39.6



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: 36.840 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

Instrument :

BNA_G

ClientSampleId :

SV-28399L

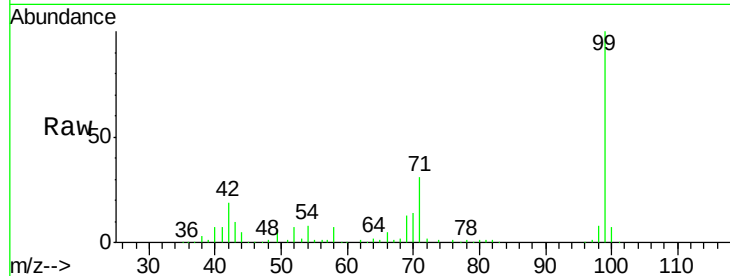
Tgt Ion: 99 Resp: 222512

Ion Ratio Lower Upper

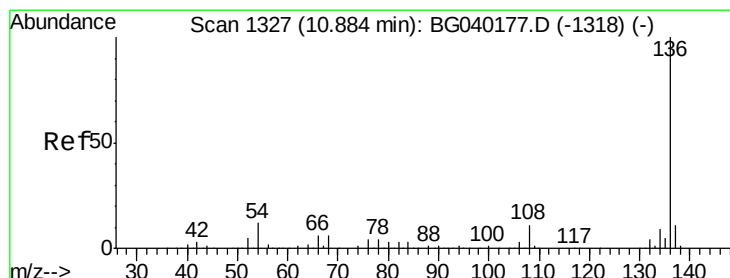
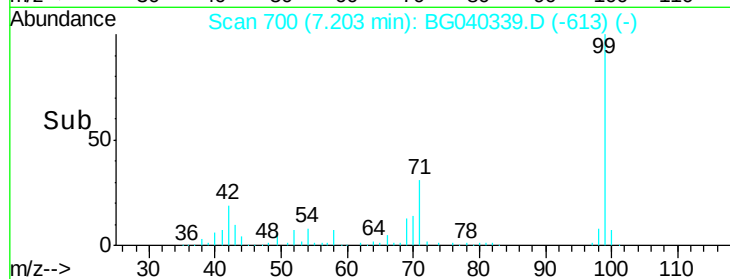
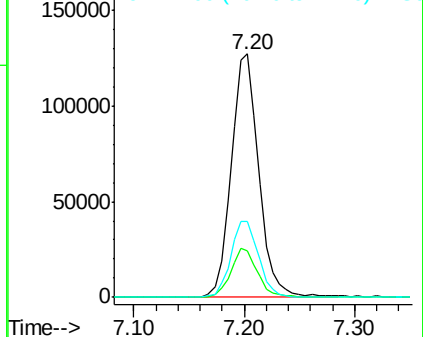
99 100

42 19.0 16.2 24.2

71 31.1 26.8 40.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

Tgt Ion: 136 Resp: 289896

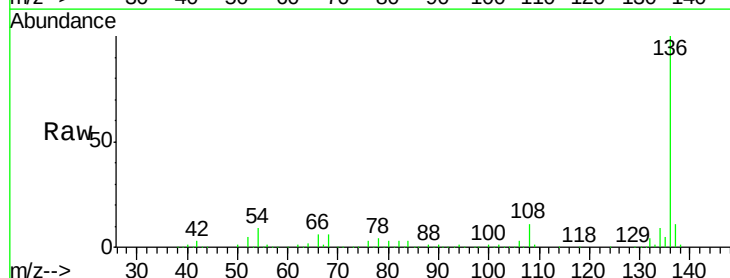
Ion Ratio Lower Upper

136 100

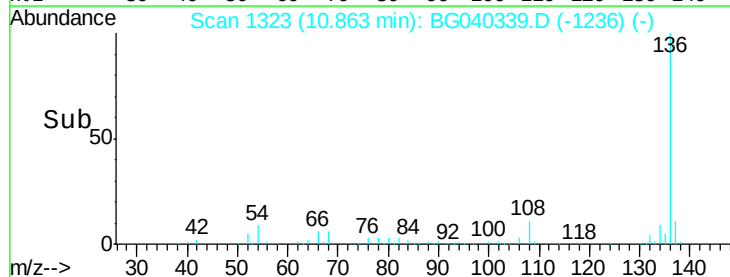
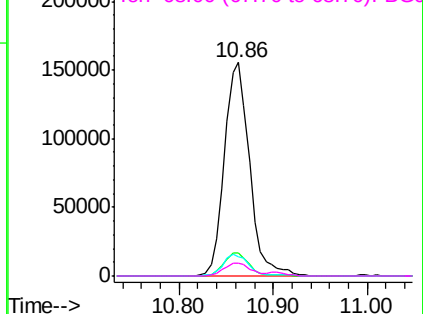
137 11.0 8.9 13.3

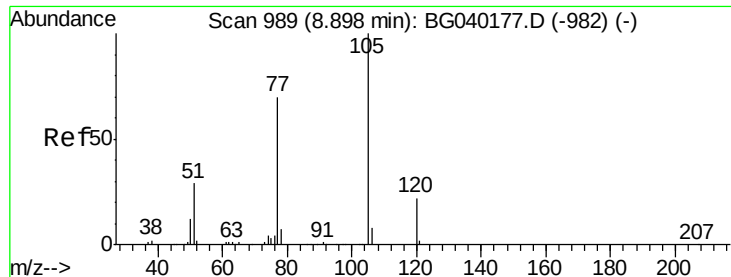
54 9.1 9.6 14.4#

68 6.0 5.1 7.7



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





#22

Acetophenone

Concen: 13.802 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

Instrument :

BNA_G

ClientSampleId :

SV-28399L

Tgt Ion: 105 Resp: 99810

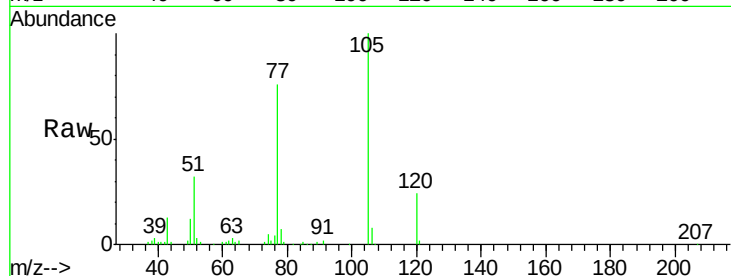
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 32.3 25.1 37.7

120 24.0 17.6 26.4

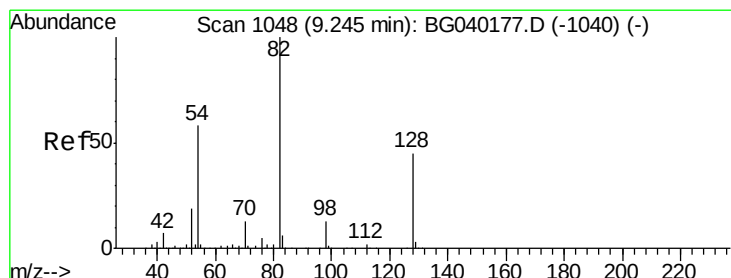
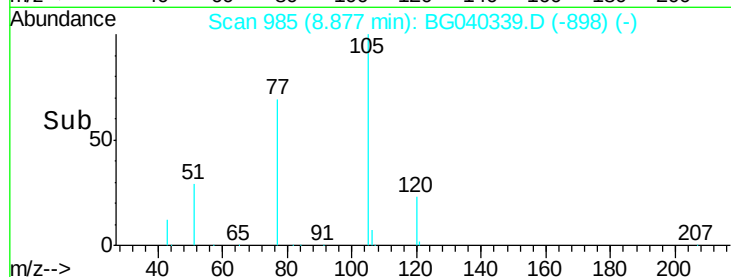
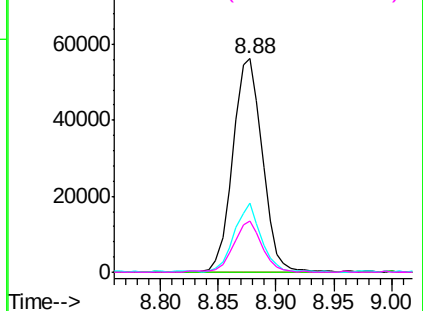


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.924 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

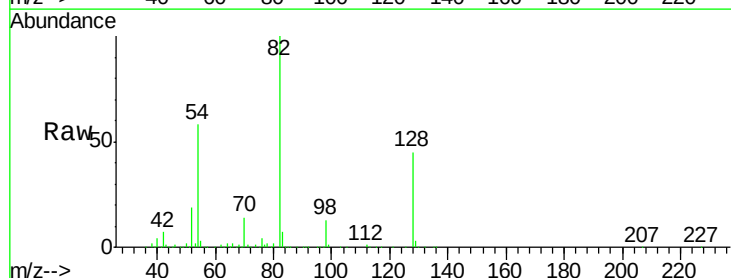
Tgt Ion: 82 Resp: 435903

Ion Ratio Lower Upper

82 100

128 45.3 35.8 53.8

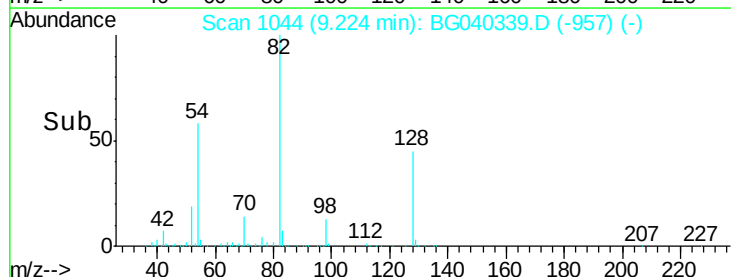
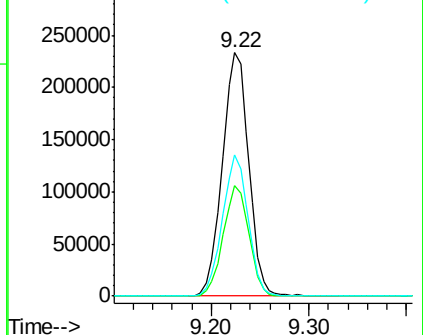
54 58.0 46.2 69.2

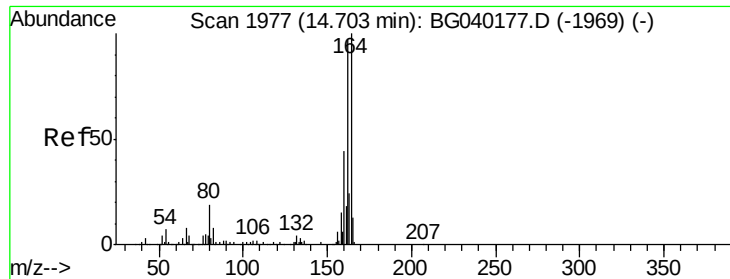


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

Instrument :

BNA_G

ClientSampleId :

SV-28399L

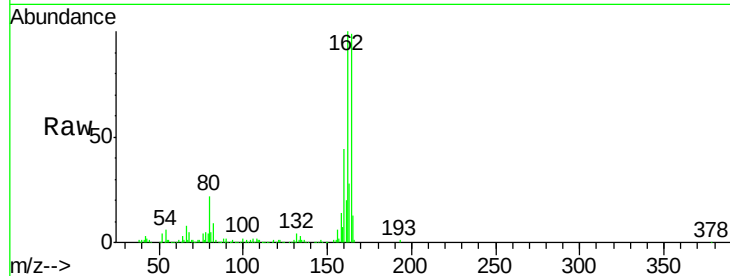
Tgt Ion:164 Resp: 167996

Ion Ratio Lower Upper

164 100

162 101.4 77.4 116.2

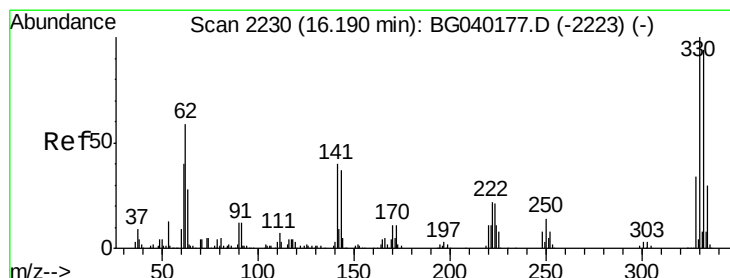
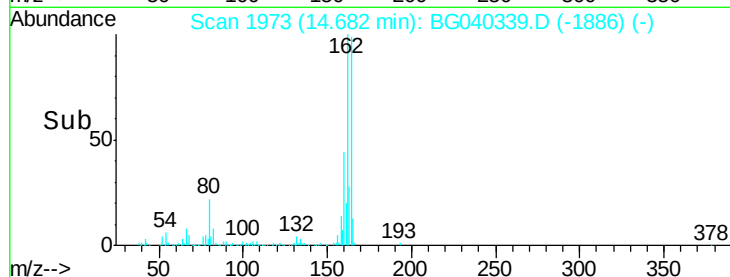
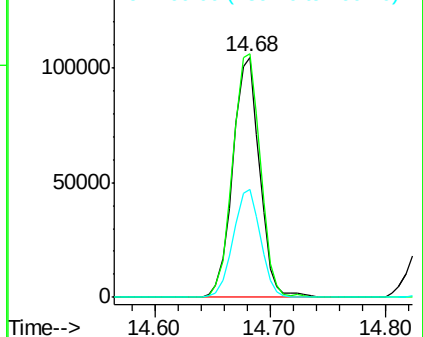
160 44.8 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 152.887 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

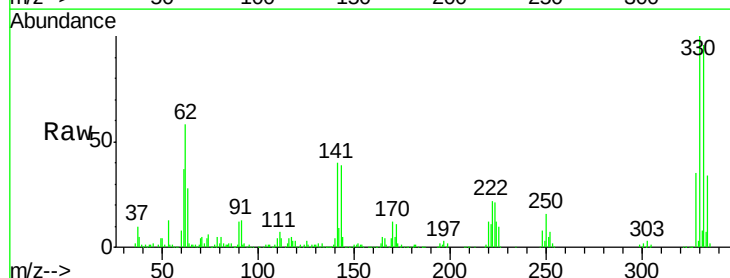
Tgt Ion:330 Resp: 277581

Ion Ratio Lower Upper

330 100

332 97.1 76.6 115.0

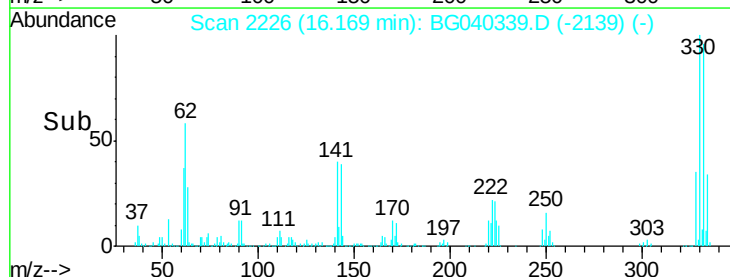
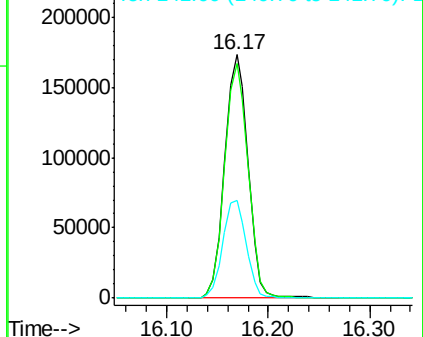
141 40.5 32.6 48.8

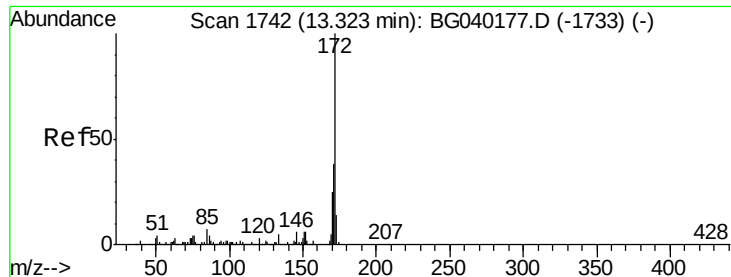


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

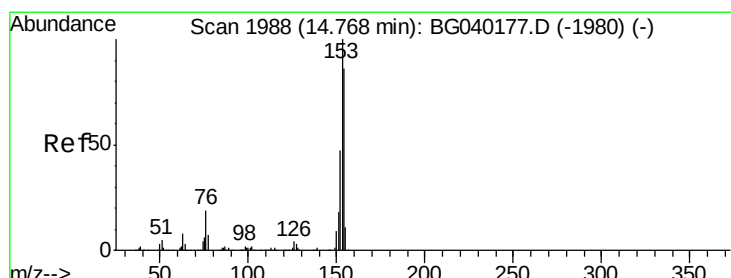
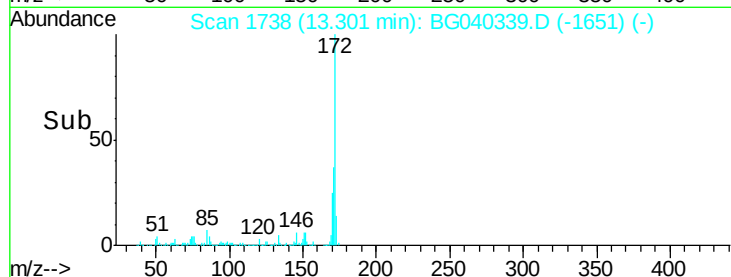
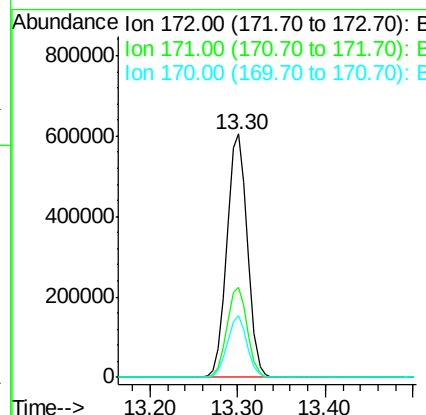
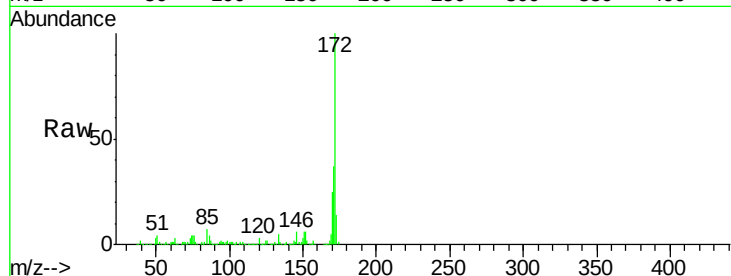




#45
2-Fluorobiphenyl
Concen: 86.373 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040339.D
Acq: 3 Apr 2019 23:49

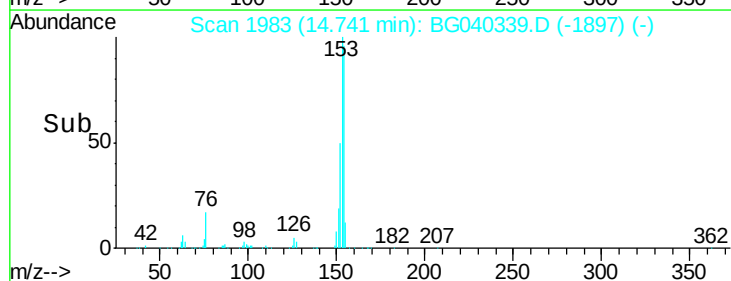
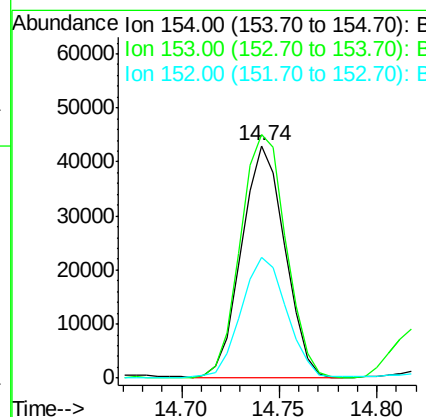
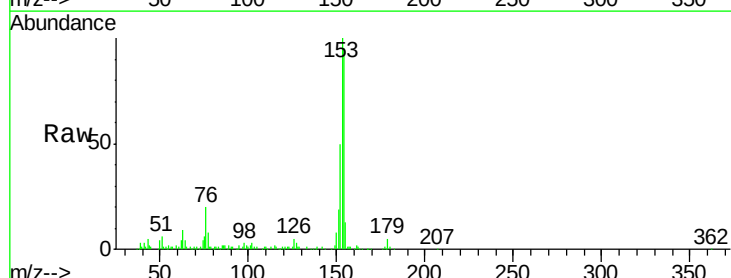
Instrument :
BNA_G
ClientSampleId :
SV-28399L

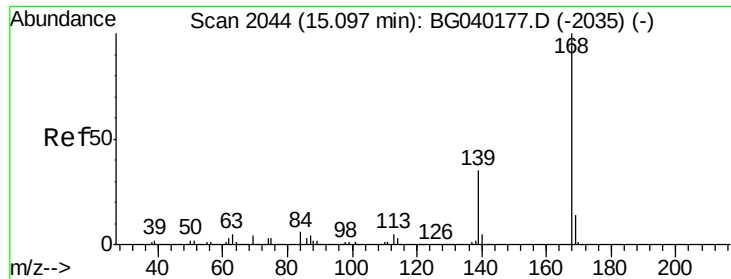
Tgt Ion:172 Resp: 979261
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 25.4 20.1 30.1



#52
Acenaphthene
Concen: 6.701 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.03 min
Lab File: BG040339.D
Acq: 3 Apr 2019 23:49

Tgt Ion:154 Resp: 66291
Ion Ratio Lower Upper
154 100
153 104.9 92.8 139.2
152 52.0 43.4 65.2

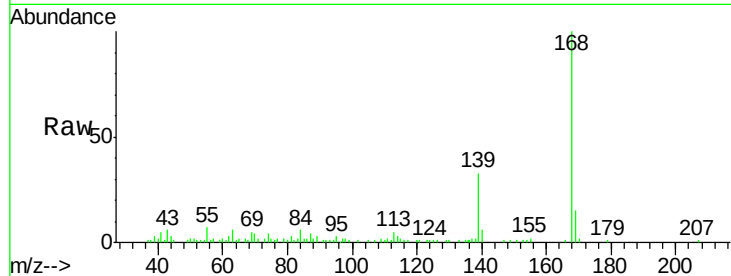




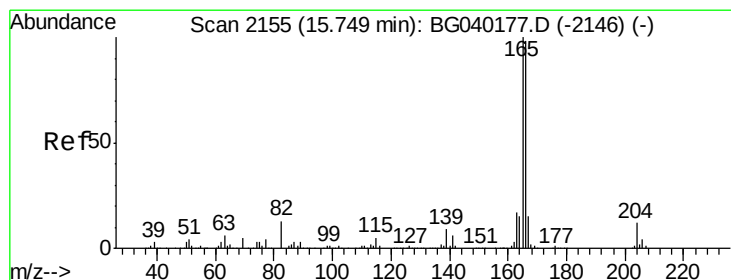
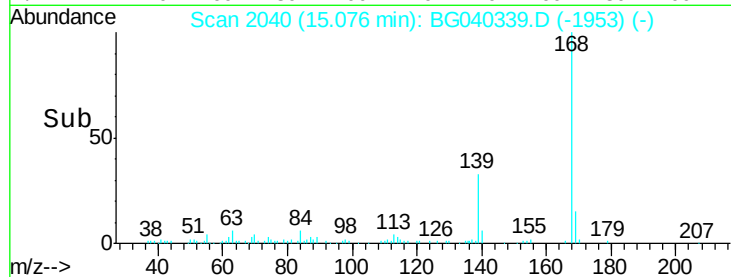
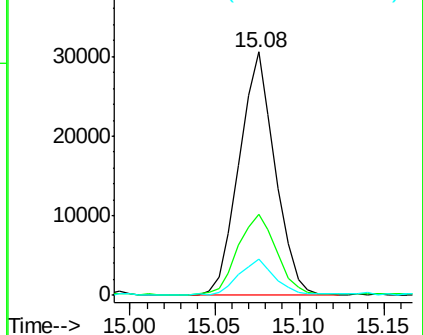
#55
Dibenzenofuran
Concen: 2.846 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040339.D
Acq: 3 Apr 2019 23:49

Instrument :
BNA_G
ClientSampleId :
SV-28399L

Tgt Ion:168 Resp: 45232
Ion Ratio Lower Upper
168 100
139 33.3 27.9 41.9
169 14.9 11.3 16.9

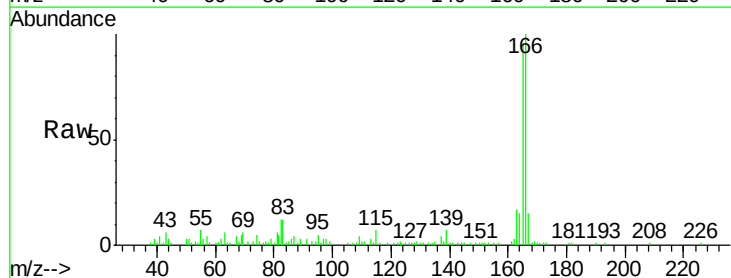


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

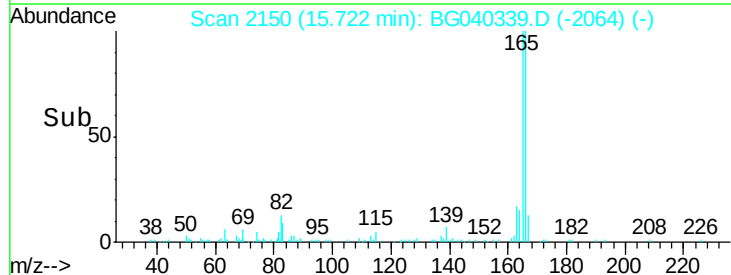
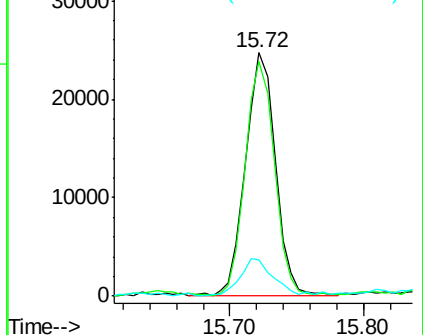


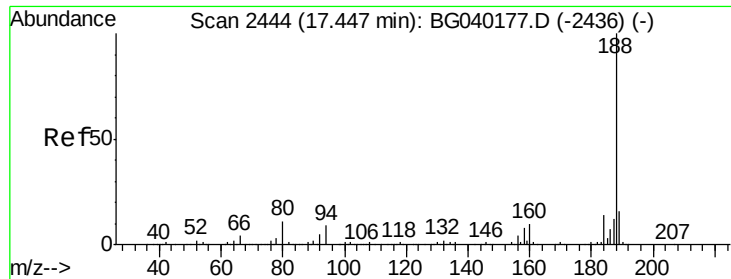
#58
Fluorene
Concen: 3.088 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040339.D
Acq: 3 Apr 2019 23:49

Tgt Ion:166 Resp: 38592
Ion Ratio Lower Upper
166 100
165 96.2 81.7 122.5
167 14.7 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

Instrument :

BNA_G

ClientSampleId :

SV-28399L

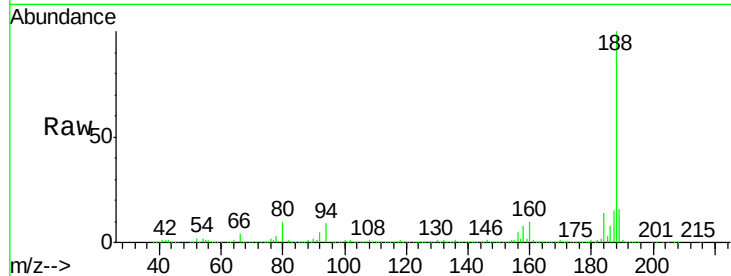
Tgt Ion:188 Resp: 421470

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

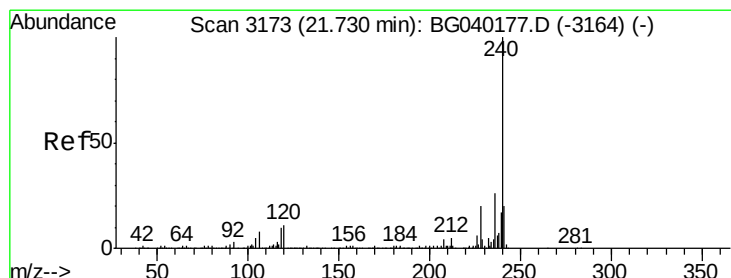
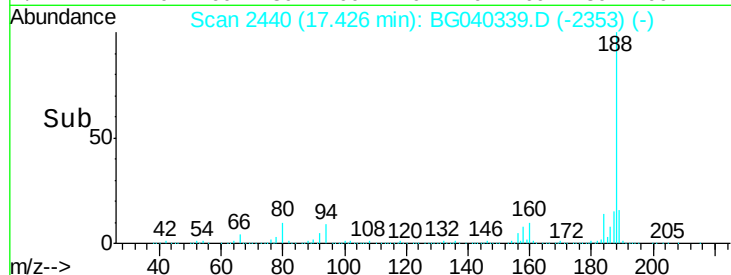
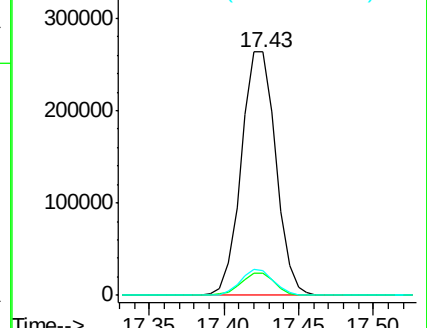
80 10.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

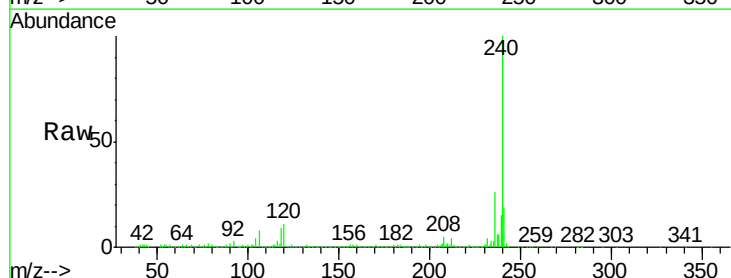
Tgt Ion:240 Resp: 470839

Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

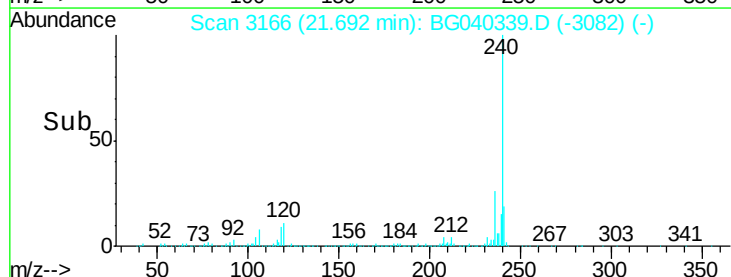
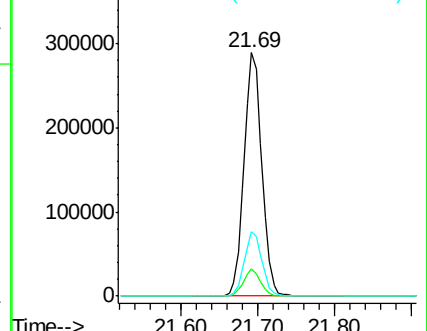
236 26.4 20.8 31.2

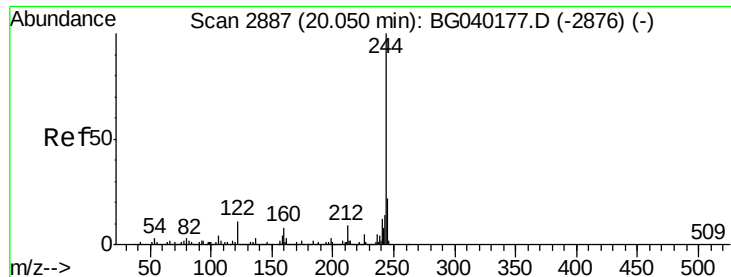


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.665 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

Instrument :

BNA_G

ClientSampleId :

SV-28399L

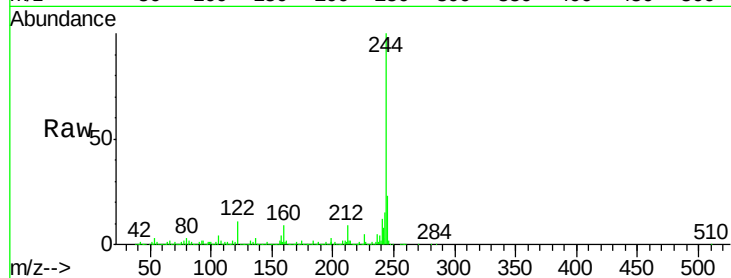
Tgt Ion:244 Resp: 1583628

Ion Ratio Lower Upper

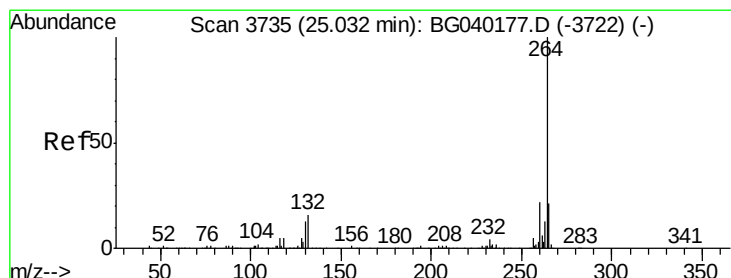
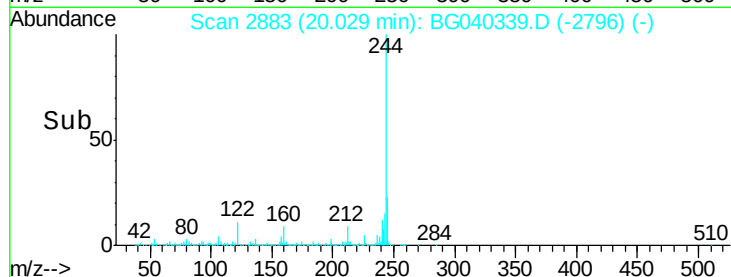
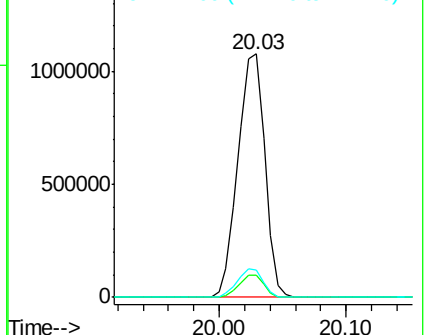
244 100

212 8.9 7.0 10.6

122 11.3 8.5 12.7



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: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040339.D

Acq: 3 Apr 2019 23:49

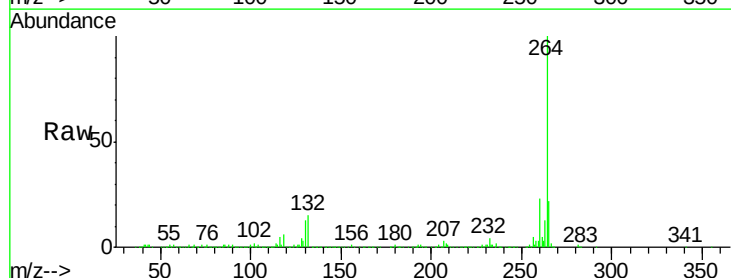
Tgt Ion:264 Resp: 492365

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 22.1 16.8 25.2



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

