

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011819\
 Data File : BG039218.D
 Acq On : 18 Jan 2019 16:38
 Operator : JU/SJ
 Sample : K1139-21RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-CONTAINMENTRE

Quant Time: Jan 18 21:55:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

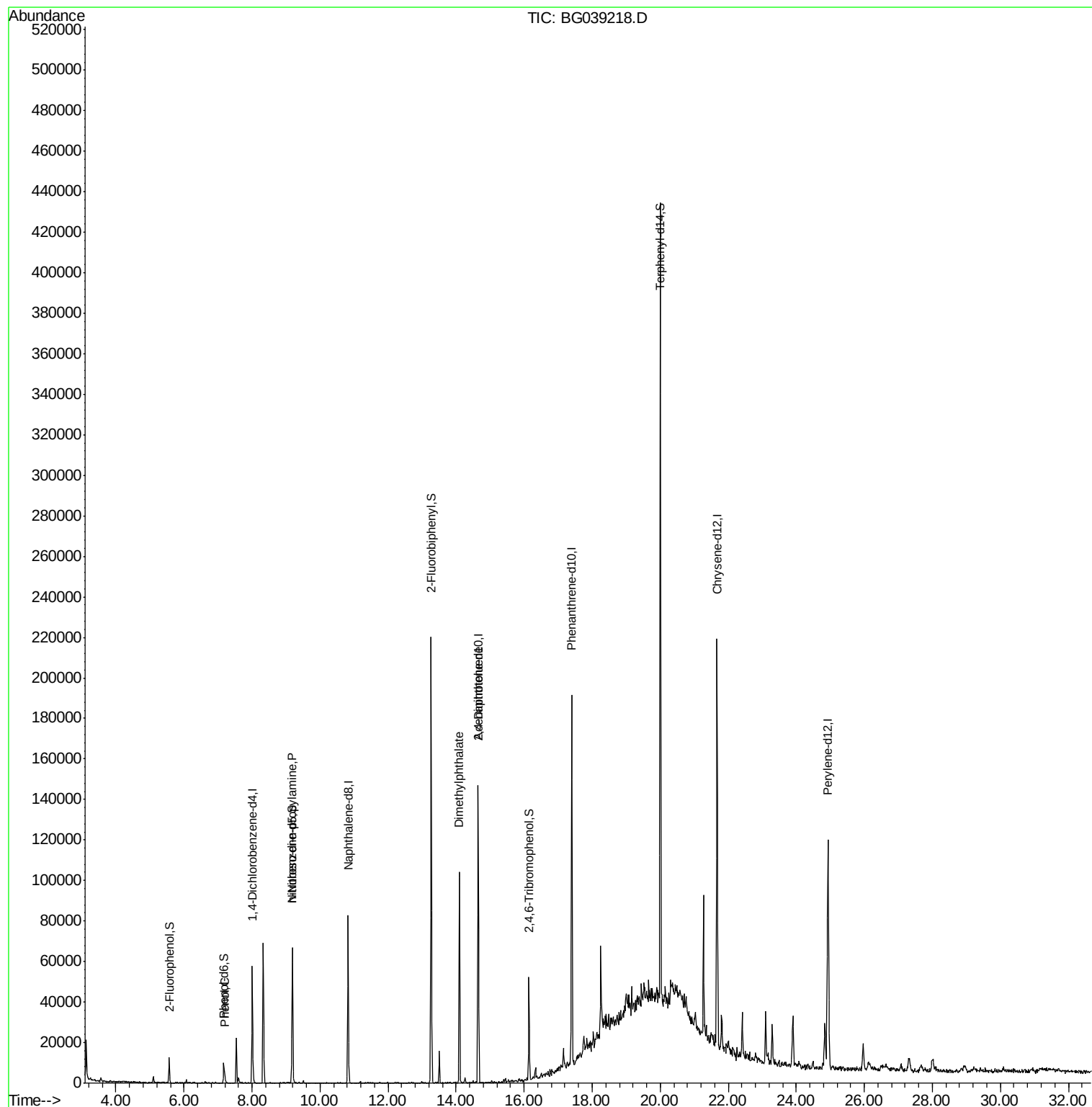
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17563	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	67929	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	52258	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	117795	20.00	ng	0.00
76) Chrysene-d12	21.67	240	120579	20.00	ng	-0.01
87) Perylene-d12	24.93	264	136757	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	6309	6.81	ng	0.00
7) Phenol-d6	7.17	99	6285	4.72	ng	0.00
23) Nitrobenzene-d5	9.19	82	41773	33.65	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	11111	12.68	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	127037	33.27	ng	-0.01
79) Terphenyl-d14	20.00	244	202396	31.05	ng	0.00
Target Compounds						
10) Phenol	7.20	94	3705	2.774	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	9.19	70	5051	5.773	ng	# 70
50) Dimethylphthalate	14.10	163	75646	17.130	ng	100
57) 2,4-Dinitrotoluene	14.65	165	6827	4.820	ng	# 26

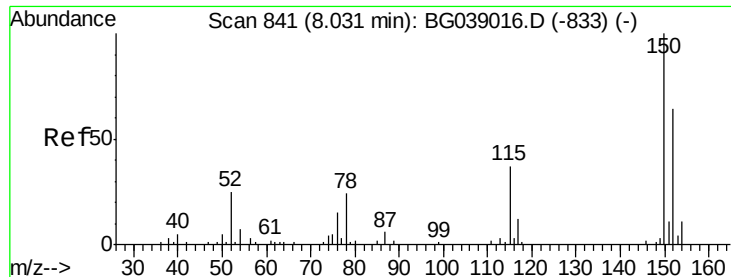
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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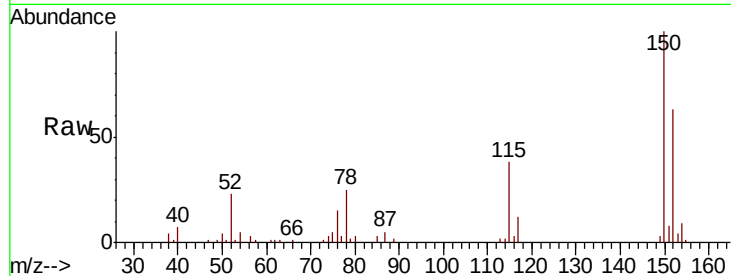


#1

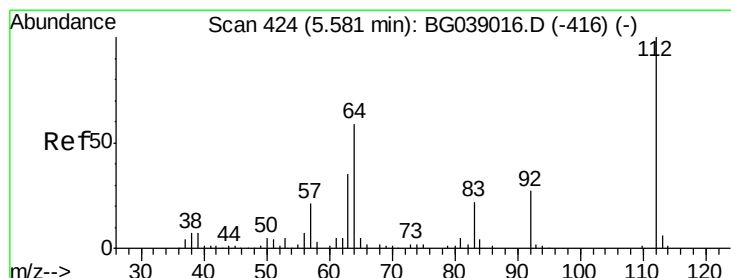
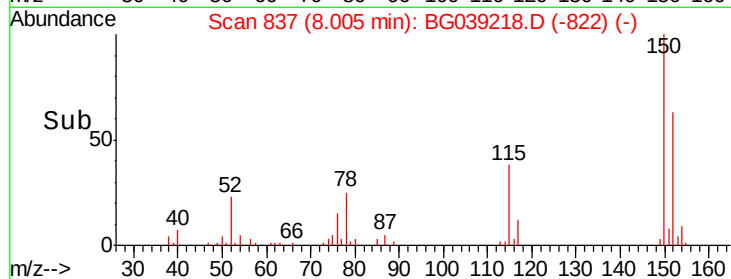
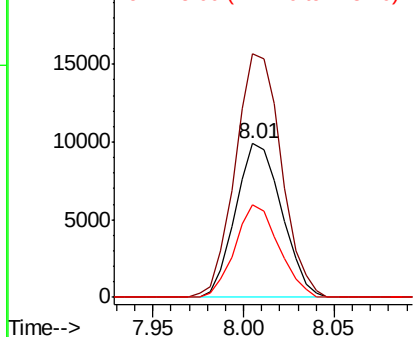
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039218.D
Acq: 18 Jan 2019 16:38

Instrument :
BNA_G
ClientSampleId :
T-CONTAINMENTRE

Tgt Ion:152 Resp: 17563
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 60.0 46.5 69.7



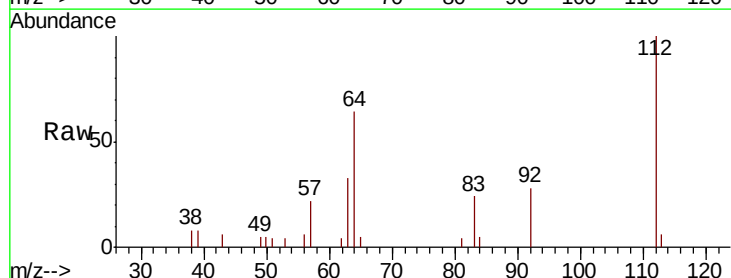
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



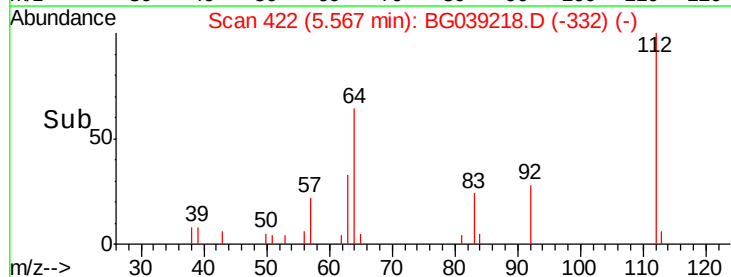
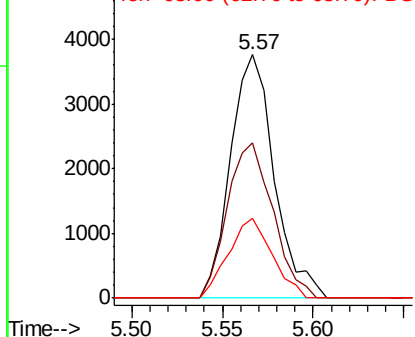
#5

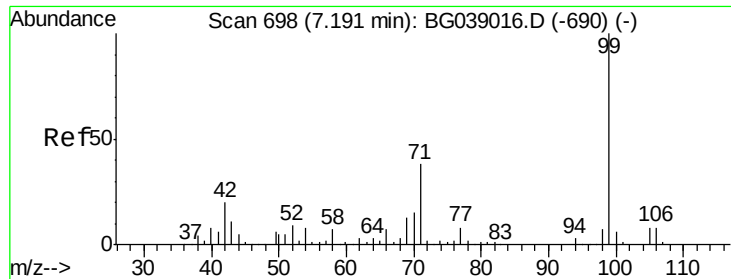
2-Fluorophenol
Concen: 6.814 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG039218.D
Acq: 18 Jan 2019 16:38

Tgt Ion:112 Resp: 6309
Ion Ratio Lower Upper
112 100
64 64.0 47.0 70.6
63 32.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 4.717 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039218.D

Acq: 18 Jan 2019 16:38

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENTRE

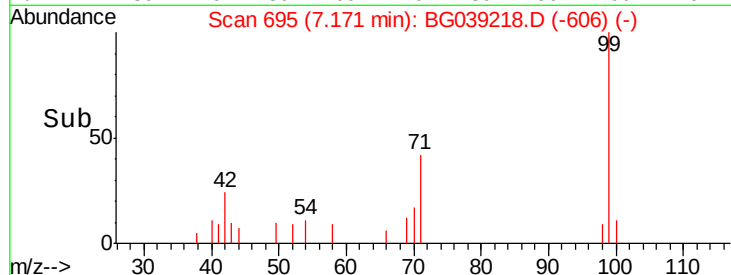
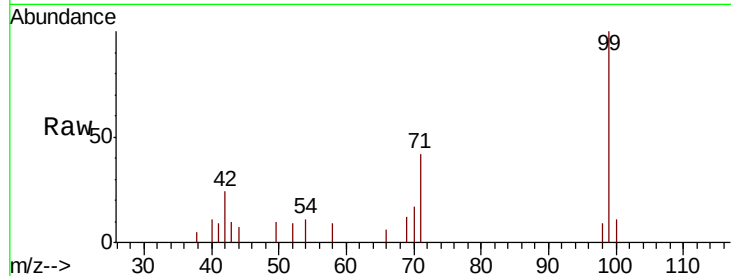
Tgt Ion: 99 Resp: 6285

Ion Ratio Lower Upper

99 100

42 23.9 15.8 23.6#

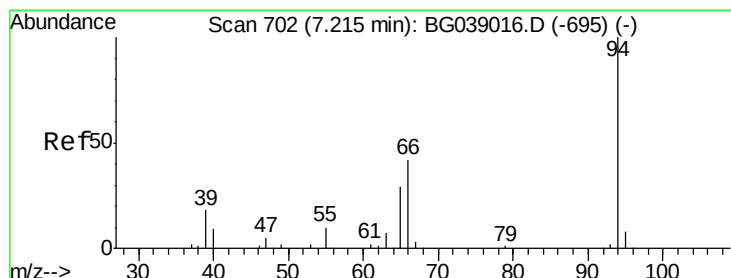
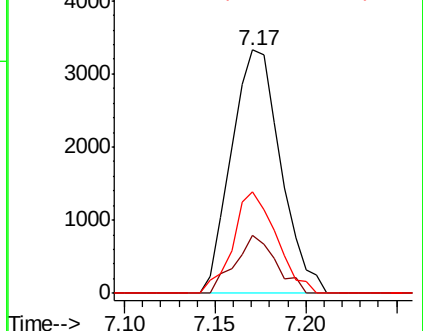
71 41.5 30.2 45.4



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



#10

Phenol

Concen: 2.774 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039218.D

Acq: 18 Jan 2019 16:38

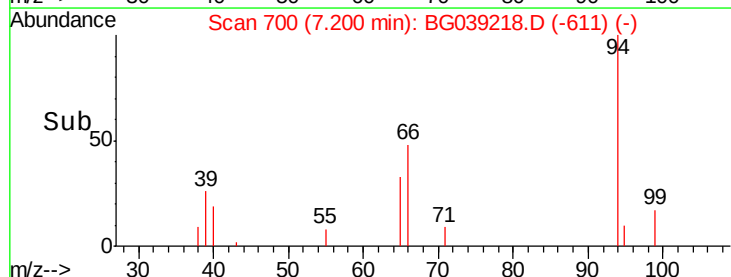
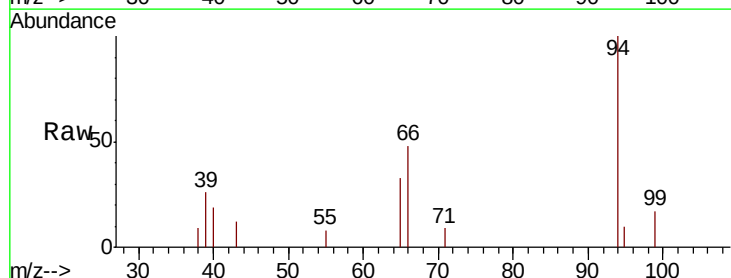
Tgt Ion: 94 Resp: 3705

Ion Ratio Lower Upper

94 100

65 32.7 10.3 50.3

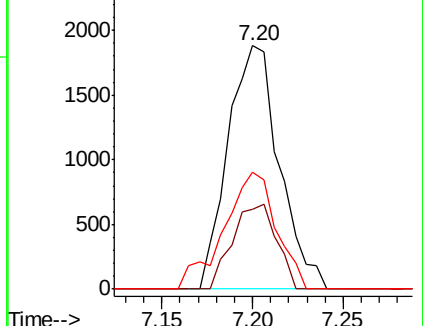
66 48.1 25.1 65.1

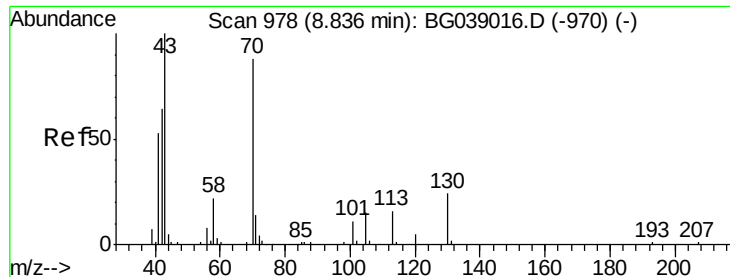


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

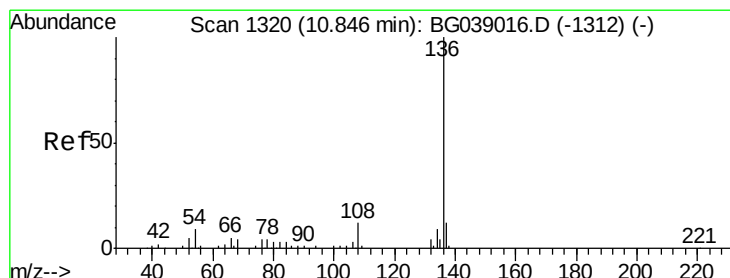
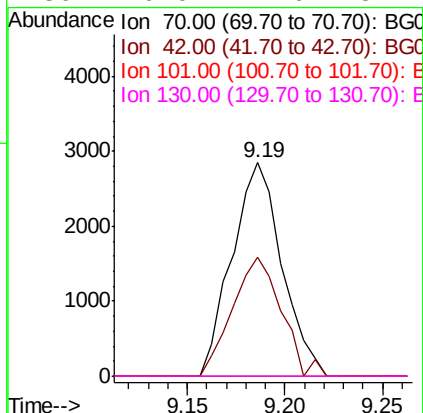
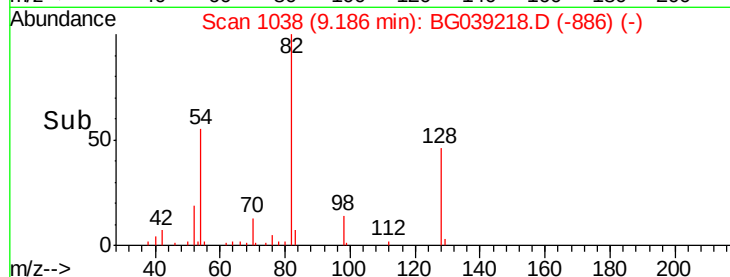
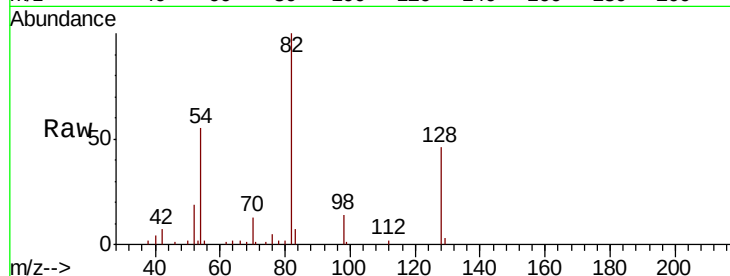




#19
n-Nitroso-di-n-propylamine
Concen: 5.773 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.37 min
Lab File: BG039218.D
Acq: 18 Jan 2019 16:38

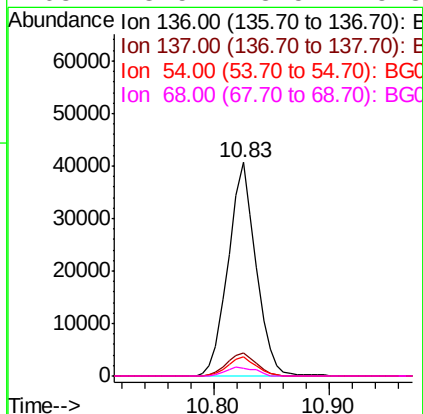
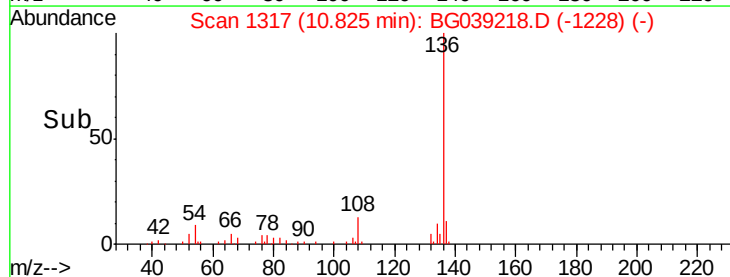
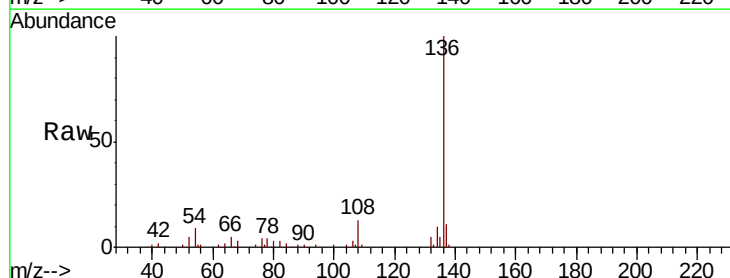
Instrument :
BNA_G
ClientSampleId :
T-CONTAINMENTRE

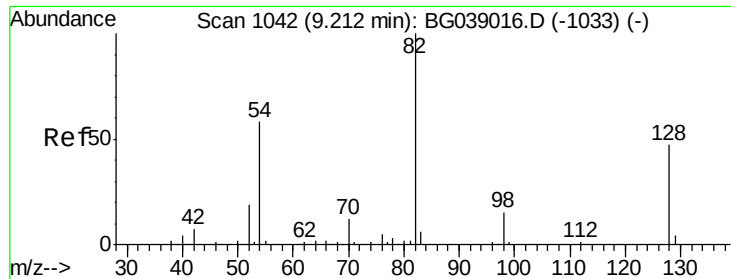
Tgt Ion: 70 Resp: 5051
Ion Ratio Lower Upper
70 100
42 55.5 59.0 88.4#
101 0.0 10.4 15.6#
130 0.0 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039218.D
Acq: 18 Jan 2019 16:38

Tgt Ion: 136 Resp: 67929
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.1 7.2 10.8
68 3.5 3.5 5.3#

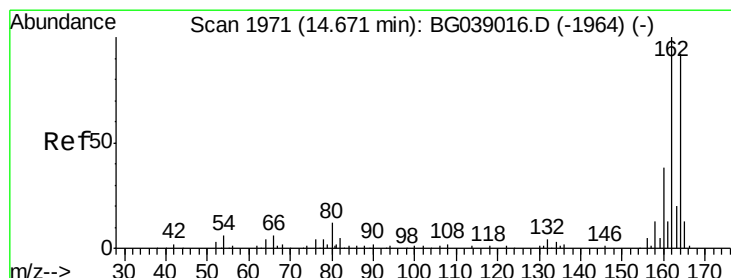
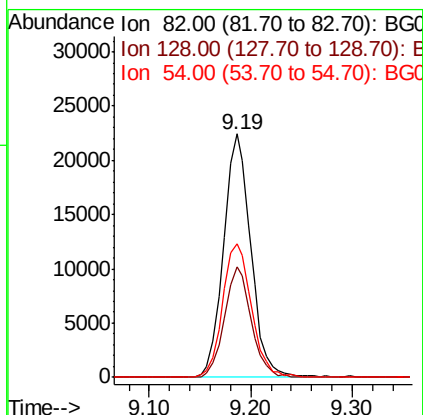
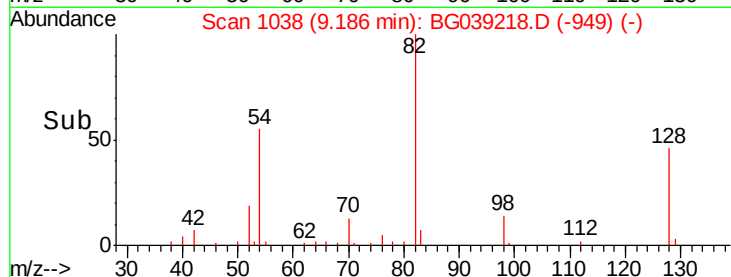
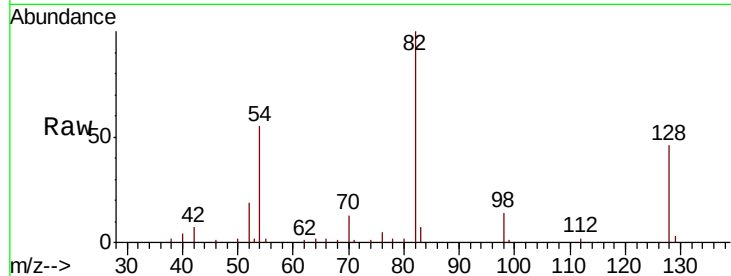




#23
 Nitrobenzene-d5
 Concen: 33.650 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039218.D
 Acq: 18 Jan 2019 16:38

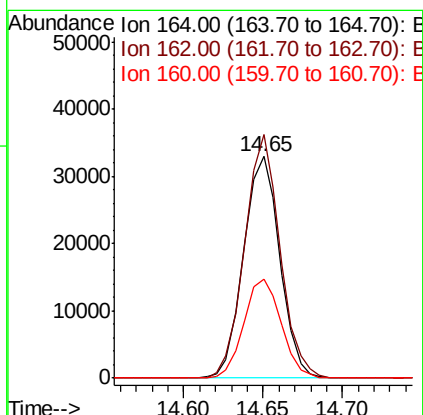
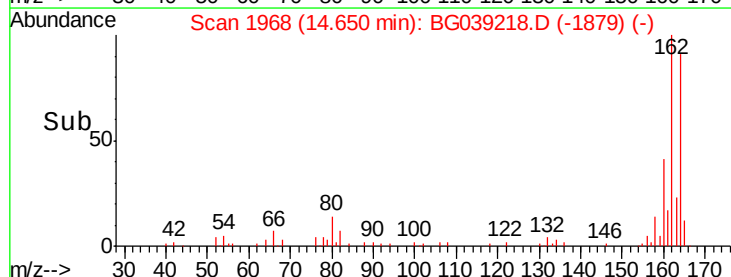
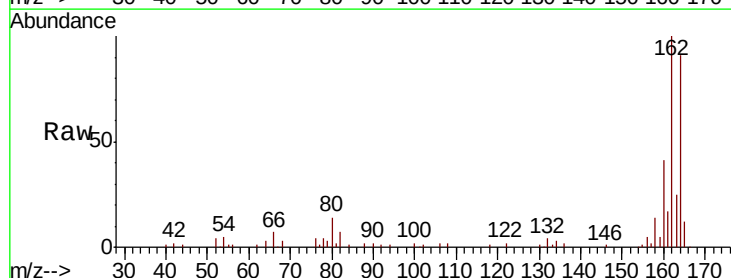
Instrument :
 BNA_G
 ClientSampleId :
 T-CONTAINMENTRE

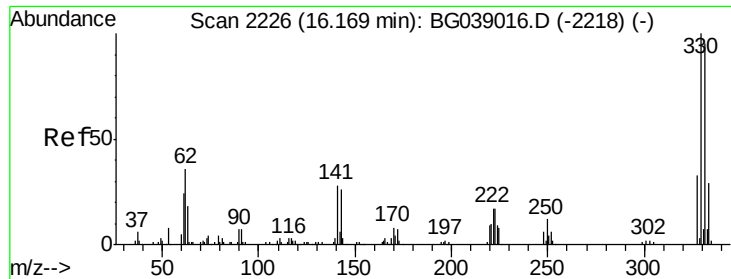
Tgt Ion: 82 Resp: 41773
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.3 55.9
 54 55.1 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG039218.D
 Acq: 18 Jan 2019 16:38

Tgt Ion: 164 Resp: 52258
 Ion Ratio Lower Upper
 164 100
 162 110.0 87.2 130.8
 160 44.7 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 12.684 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039218.D

Acq: 18 Jan 2019 16:38

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENTRE

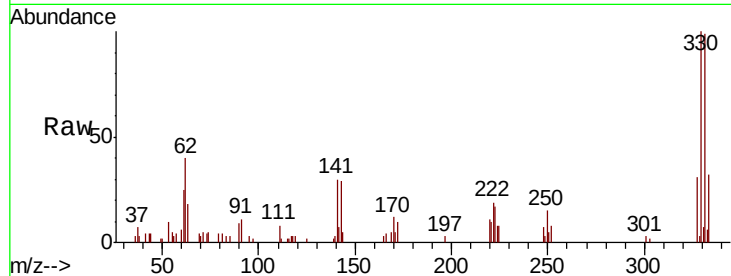
Tgt Ion:330 Resp: 11111

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

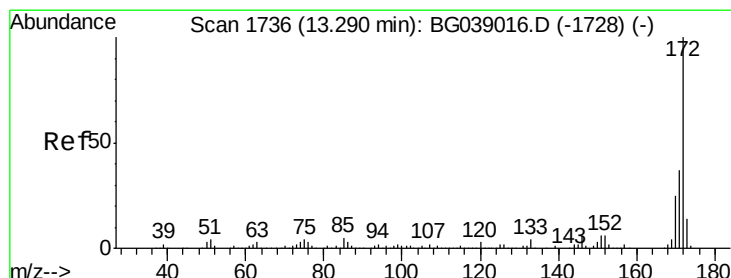
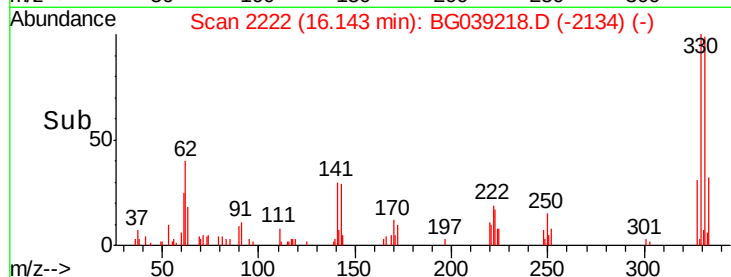
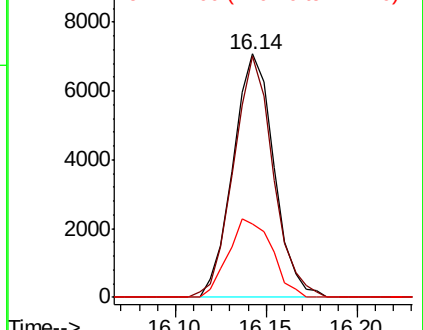
141 34.4 24.9 37.3



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: 33.269 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039218.D

Acq: 18 Jan 2019 16:38

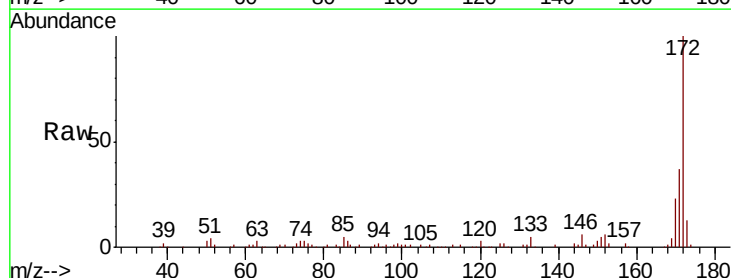
Tgt Ion:172 Resp: 127037

Ion Ratio Lower Upper

172 100

171 37.3 29.4 44.0

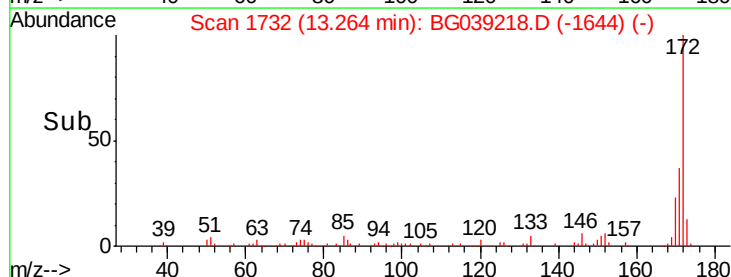
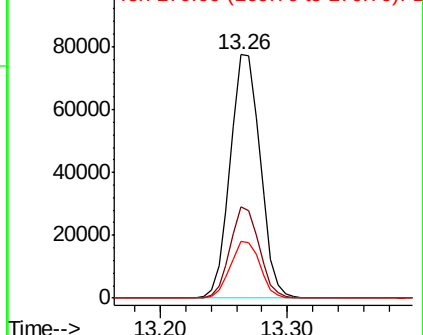
170 23.3 20.1 30.1

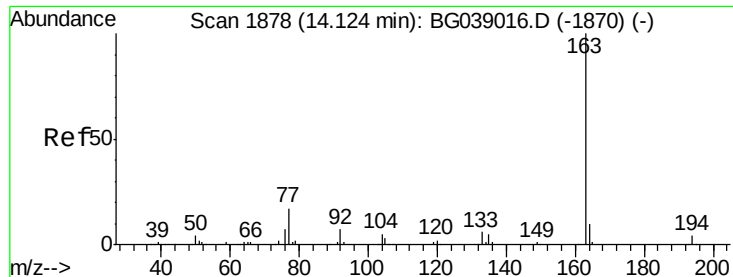


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

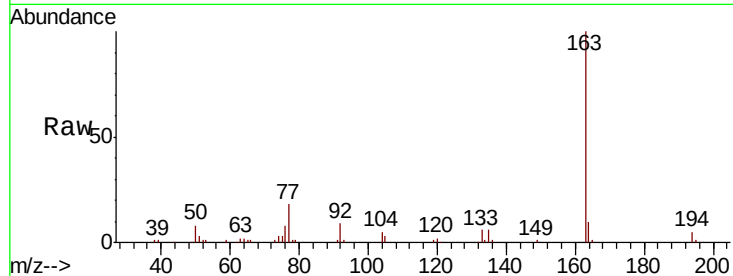




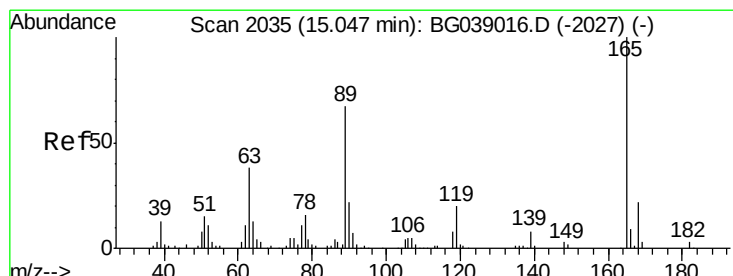
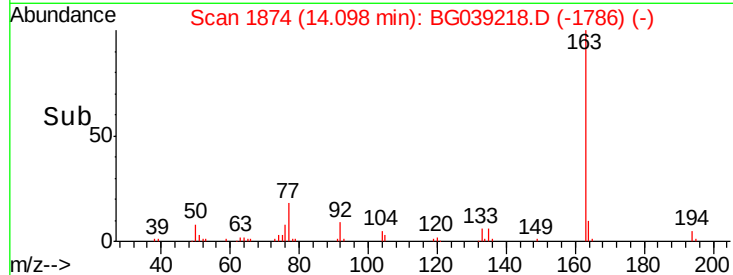
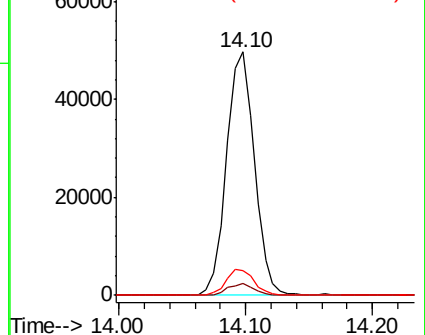
#50
Dimethylphthalate
Concen: 17.130 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG039218.D
Acq: 18 Jan 2019 16:38

Instrument :
BNA_G
ClientSampleId :
T-CONTAINMENTRE

Tgt Ion:163 Resp: 75646
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 10.2 8.2 12.2

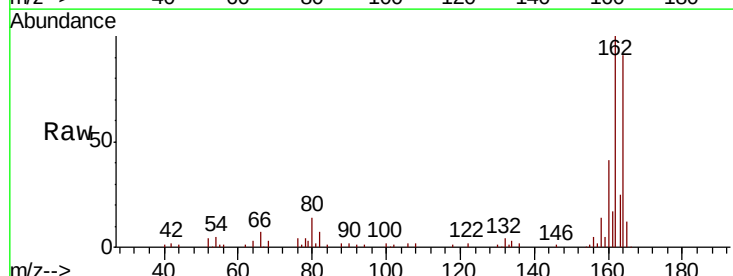


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

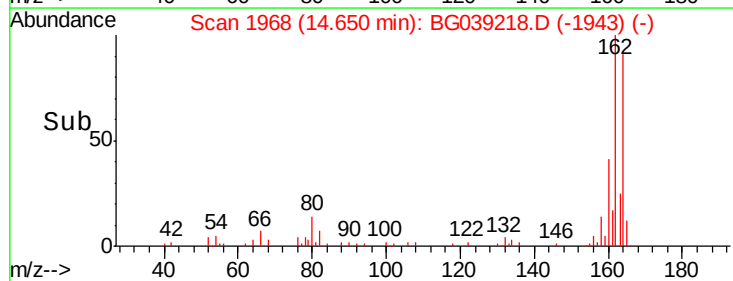
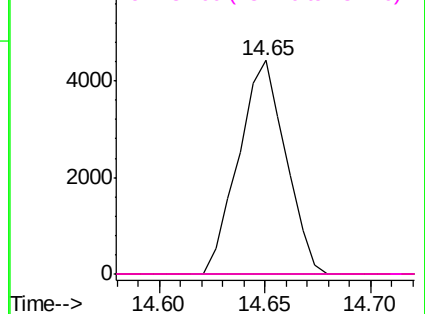


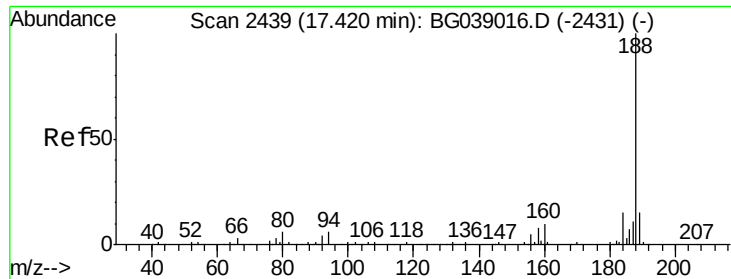
#57
2,4-Dinitrotoluene
Concen: 4.820 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.38 min
Lab File: BG039218.D
Acq: 18 Jan 2019 16:38

Tgt Ion:165 Resp: 6827
Ion Ratio Lower Upper
165 100
63 0.0 30.2 45.4#
89 0.0 53.2 79.8#
182 0.0 2.7 4.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG039218.D

Acq: 18 Jan 2019 16:38

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENTRE

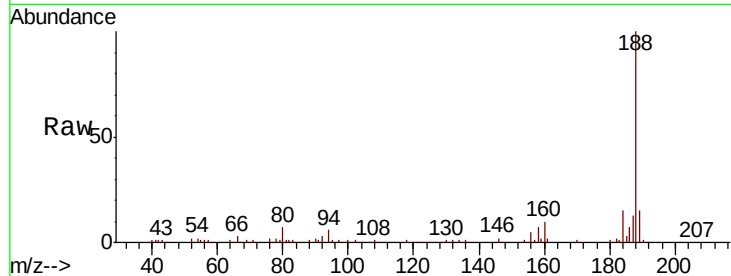
Tgt Ion:188 Resp: 117795

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

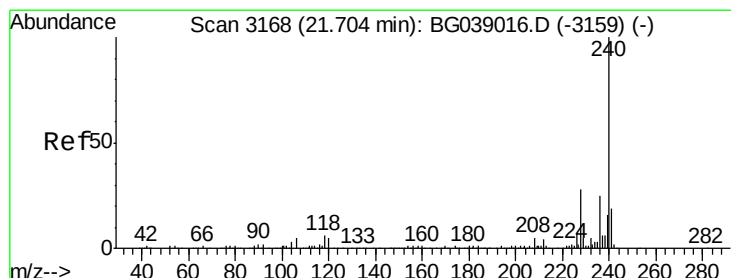
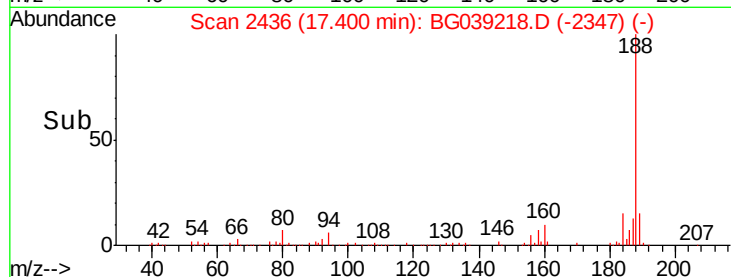
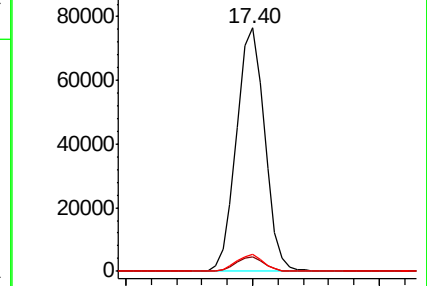
80 6.8 4.7 7.1



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: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG039218.D

Acq: 18 Jan 2019 16:38

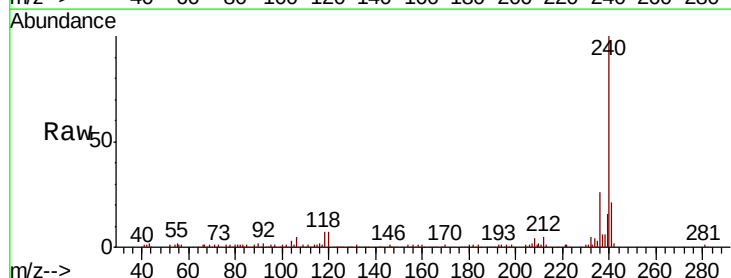
Tgt Ion:240 Resp: 120579

Ion Ratio Lower Upper

240 100

120 6.9 4.3 6.5#

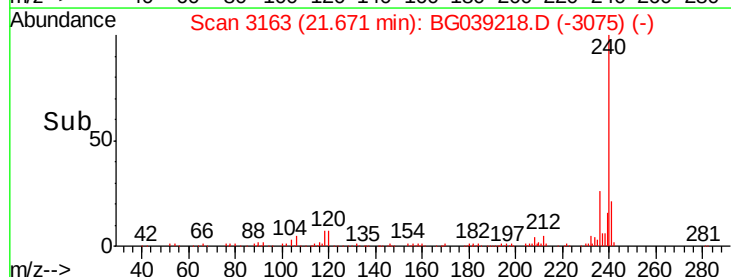
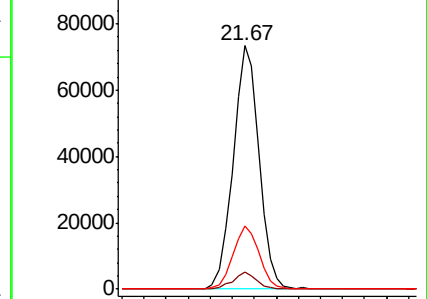
236 25.8 20.1 30.1

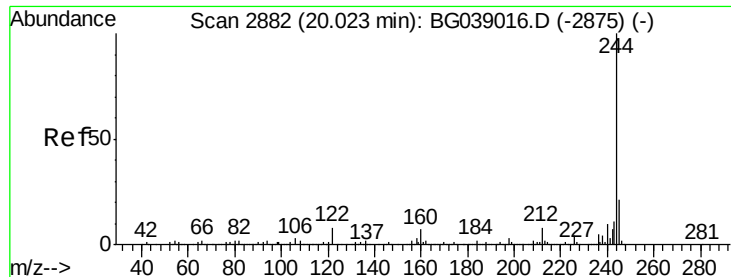


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 31.051 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039218.D

Acq: 18 Jan 2019 16:38

Instrument :

BNA_G

ClientSampleId :

T-CONTAINMENTRE

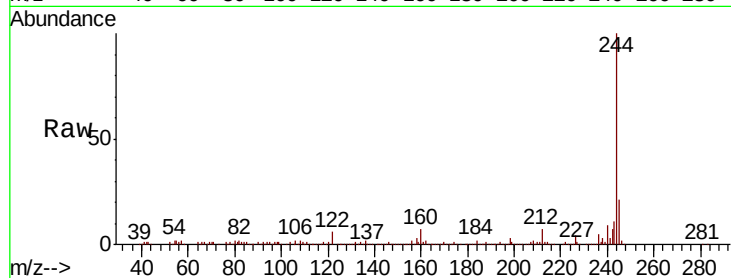
Tgt Ion:244 Resp: 202396

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

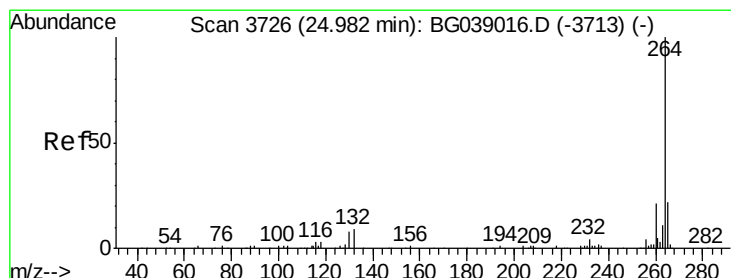
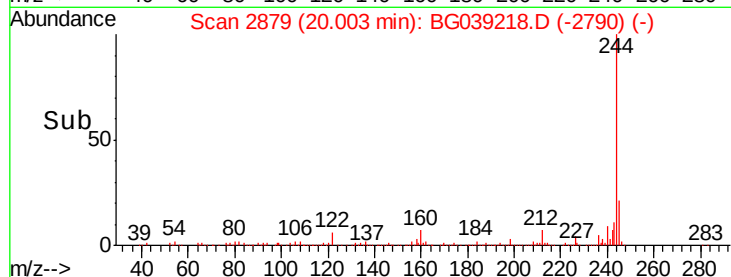
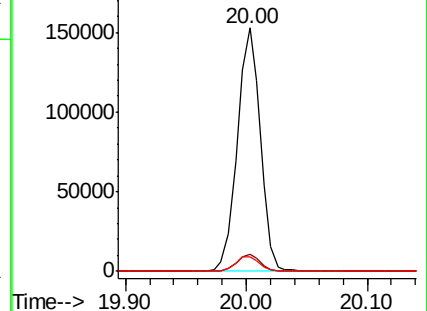
122 6.0 6.1 9.1#



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: 24.93 min Scan# 3718

Delta R.T. -0.02 min

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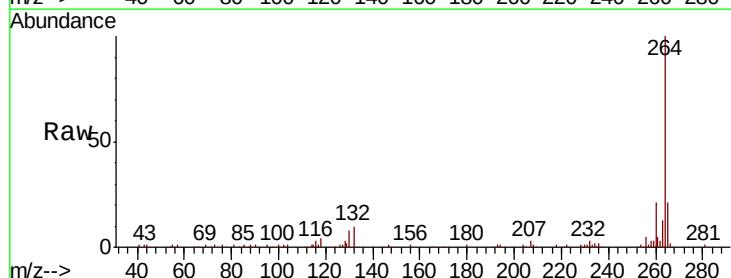
Tgt Ion:264 Resp: 136757

Ion Ratio Lower Upper

264 100

260 21.4 17.0 25.6

265 21.1 17.2 25.8



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

