

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
 Data File : BG039304.D
 Acq On : 26 Jan 2019 9:45
 Operator : JU/SJ
 Sample : K1229-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 012319-TIPC-F-U-B

Quant Time: Jan 28 03:18:13 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

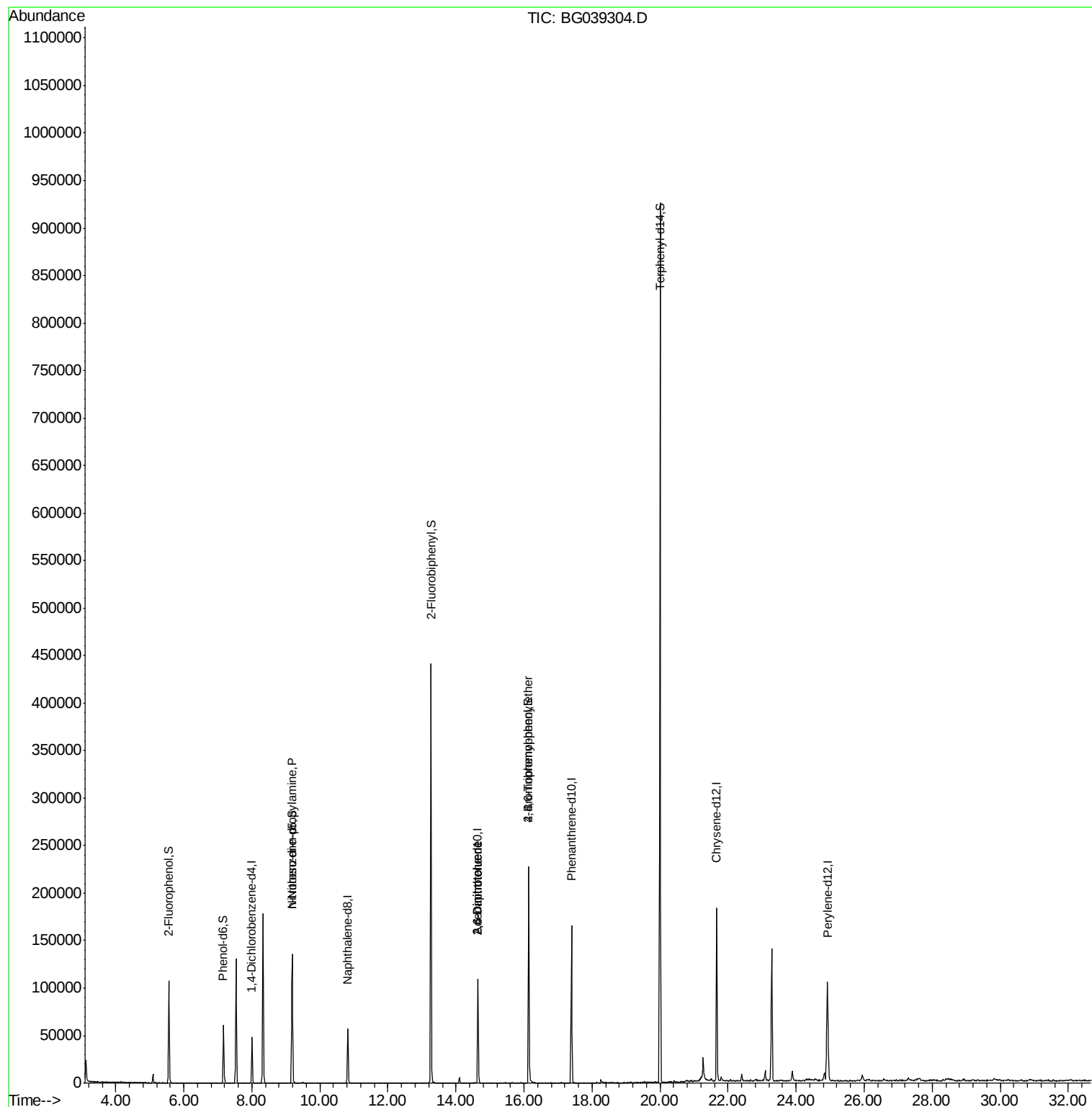
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	14475	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	54892	20.00	ng	-0.01
39) Acenaphthene-d10	14.64	164	41969	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	116613	20.00	ng	0.00
76) Chrysene-d12	21.66	240	124221	20.00	ng	-0.02
87) Perylene-d12	24.92	264	133531	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	48918	64.11	ng	0.00
7) Phenol-d6	7.16	99	37757	34.38	ng	-0.01
23) Nitrobenzene-d5	9.18	82	84912	84.65	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	55506	78.90	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	256972	83.80	ng	-0.01
79) Terphenyl-d14	20.00	244	484760	72.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	11426	15.845	ng	# 67
51) 2,6-Dinitrotoluene	14.65	165	5631	7.102	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	5631	4.950	ng	# 26
67) 4-Bromophenyl-phenylether	16.13	248	3686	2.459	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG039304.D

Acq: 26 Jan 2019 9:45

Instrument :

BNA_G

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012319-TIPC-F-U-B

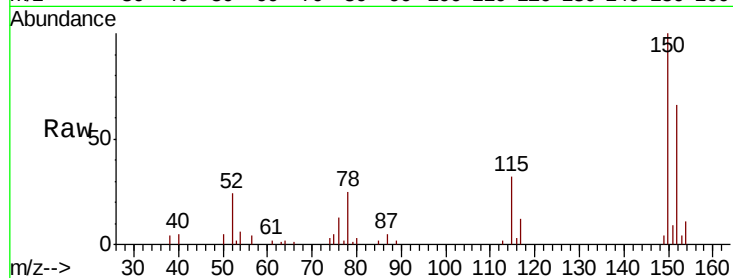
Tgt Ion:152 Resp: 14475

Ion Ratio Lower Upper

152 100

150 151.0 124.7 187.1

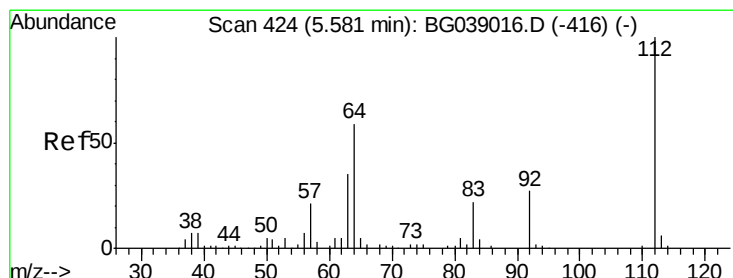
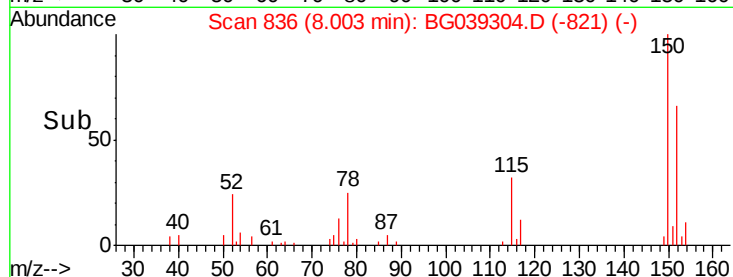
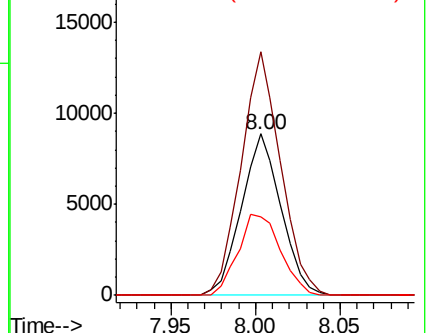
115 48.9 46.5 69.7



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: 64.108 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039304.D

Acq: 26 Jan 2019 9:45

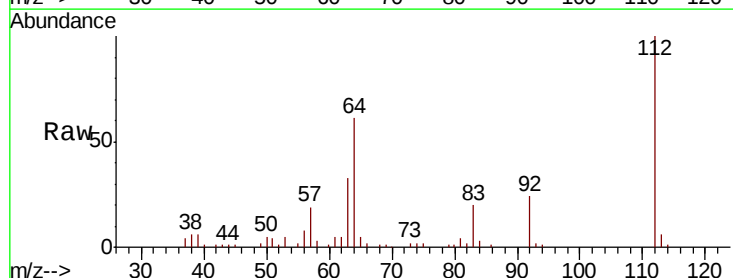
Tgt Ion:112 Resp: 48918

Ion Ratio Lower Upper

112 100

64 60.8 47.0 70.6

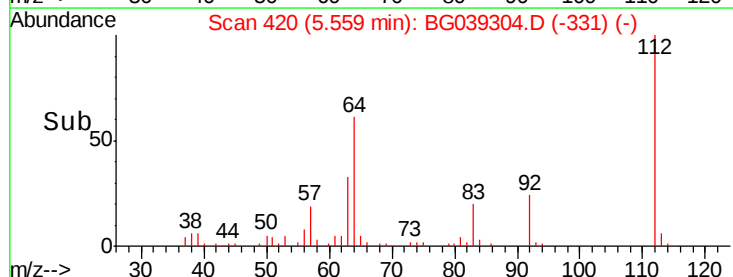
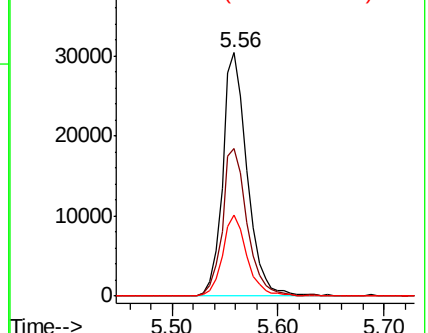
63 33.4 28.0 42.0



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: 34.383 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039304.D

Acq: 26 Jan 2019 9:45

Instrument :

BNA_G

ClientSampleId :

012319-TIPC-F-U-B

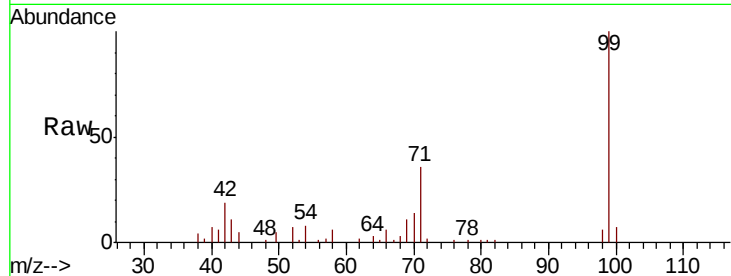
Tgt Ion: 99 Resp: 37757

Ion Ratio Lower Upper

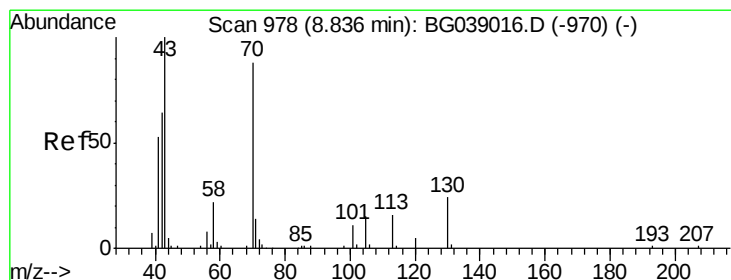
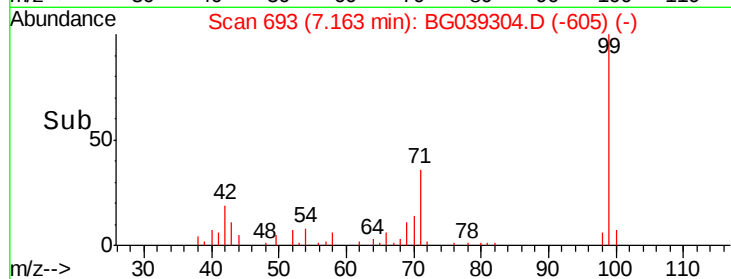
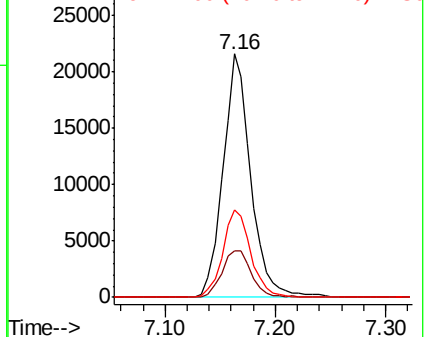
99 100

42 19.1 15.8 23.6

71 36.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.845 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG039304.D

Acq: 26 Jan 2019 9:45

Tgt Ion: 70 Resp: 11426

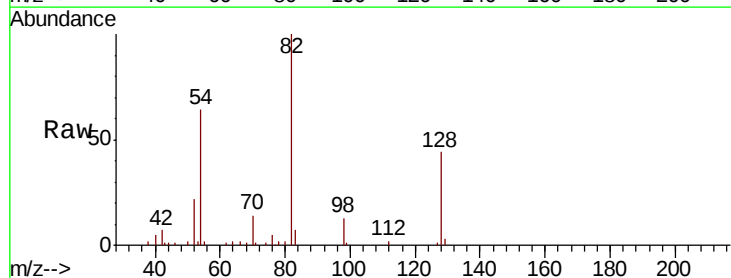
Ion Ratio Lower Upper

70 100

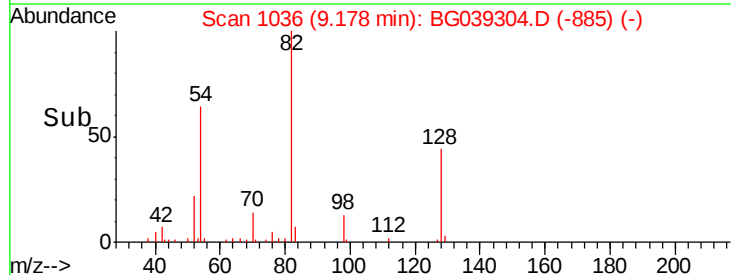
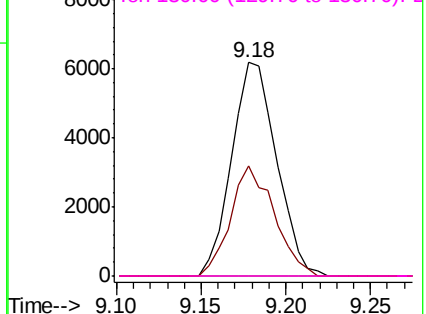
42 51.5 59.0 88.4#

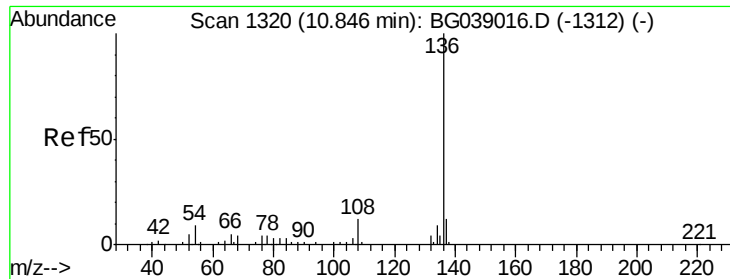
101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

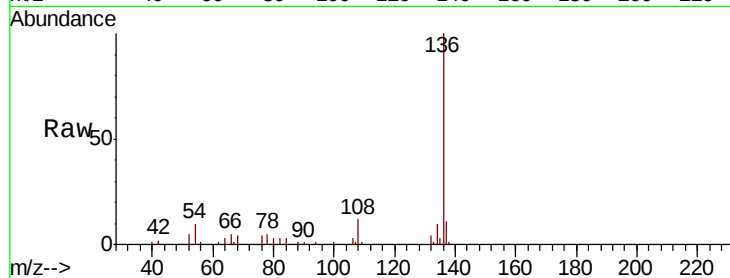




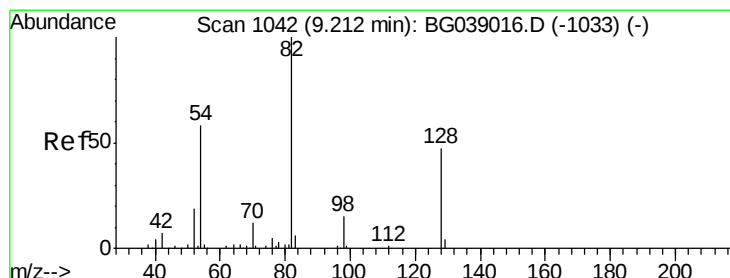
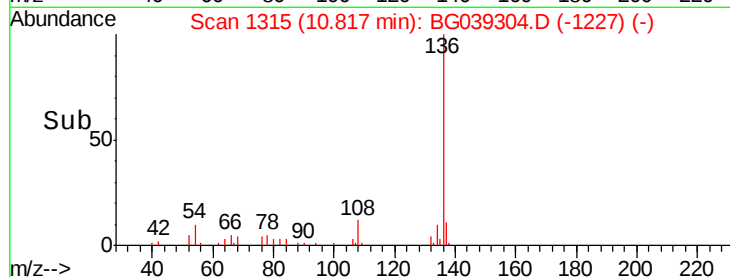
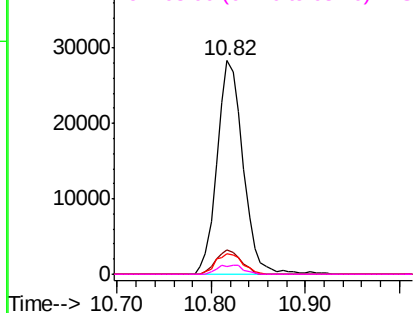
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG039304.D
Acq: 26 Jan 2019 9:45

Instrument :
BNA_G
ClientSampleId :
012319-TIPC-F-U-B

Tgt Ion:	136	Resp:	54892
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	9.8	7.2	10.8
68	3.6	3.5	5.3

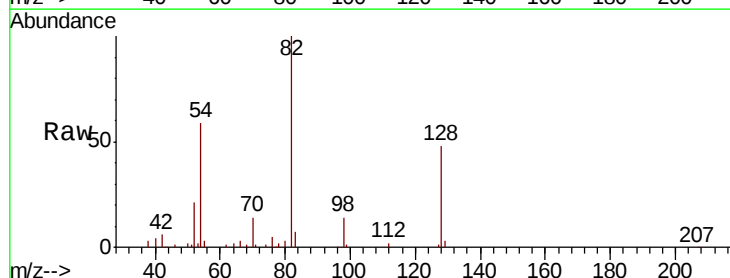


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

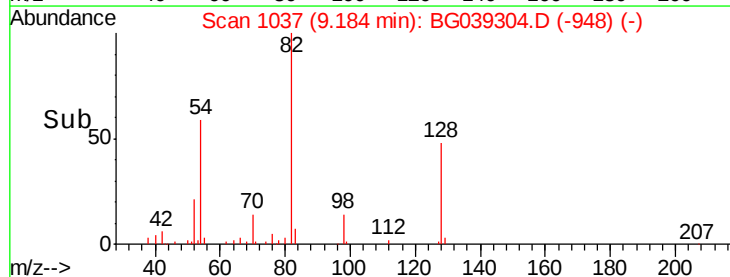
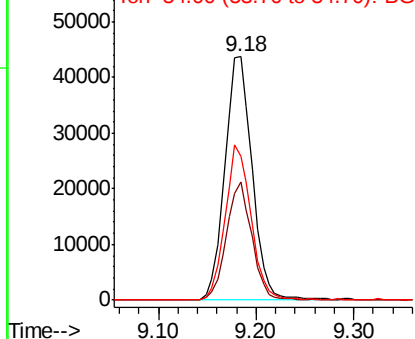


#23
Nitrobenzene-d5
Concen: 84.645 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039304.D
Acq: 26 Jan 2019 9:45

Tgt Ion:	82	Resp:	84912
Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.3	55.9
54	58.8	46.4	69.6



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: 14.64 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG039304.D

Acq: 26 Jan 2019 9:45

Instrument :

BNA_G

ClientSampleId :

012319-TIPC-F-U-B

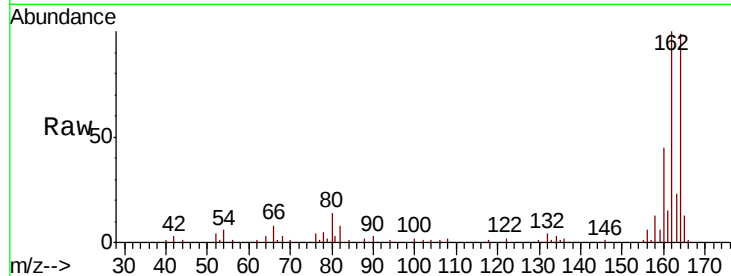
Tgt Ion:164 Resp: 41969

Ion Ratio Lower Upper

164 100

162 100.7 87.2 130.8

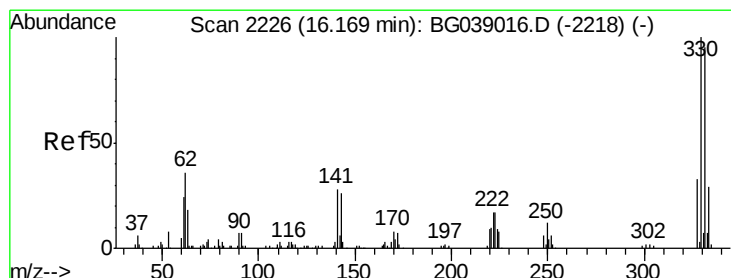
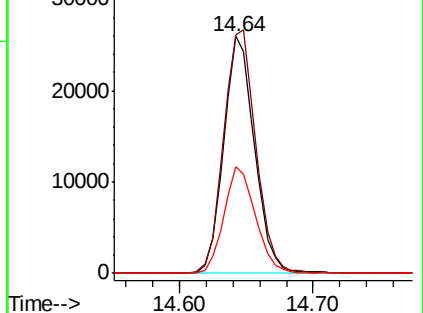
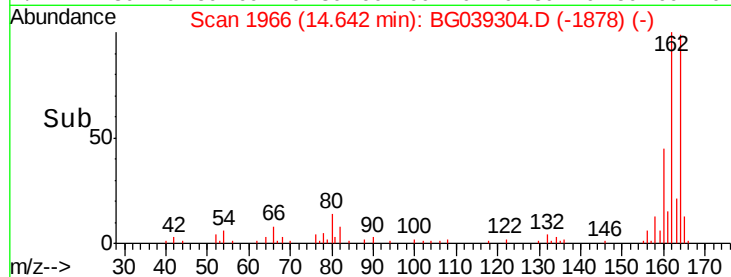
160 45.3 33.3 49.9



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: 78.898 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BG039304.D

Acq: 26 Jan 2019 9:45

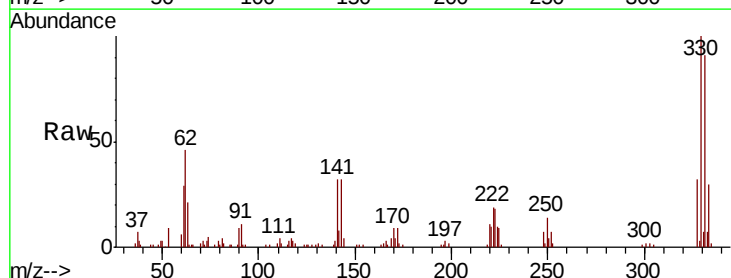
Tgt Ion:330 Resp: 55506

Ion Ratio Lower Upper

330 100

332 93.8 75.7 113.5

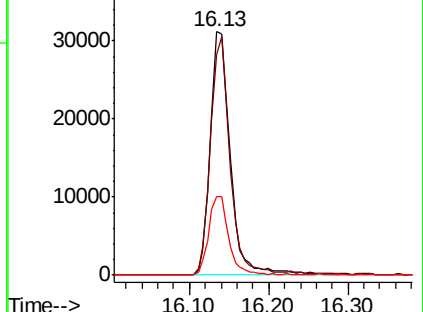
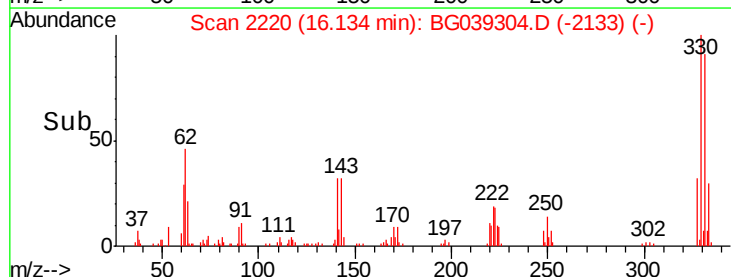
141 31.7 24.9 37.3



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

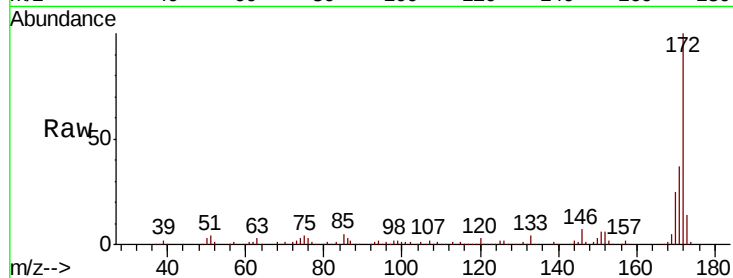




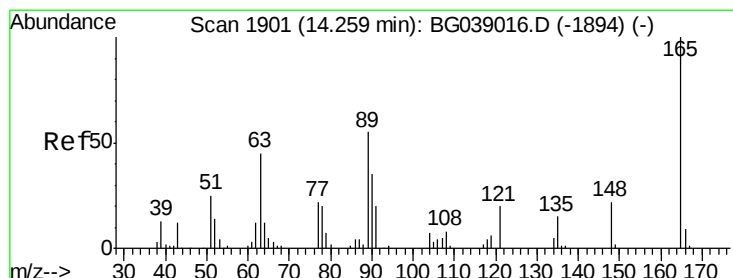
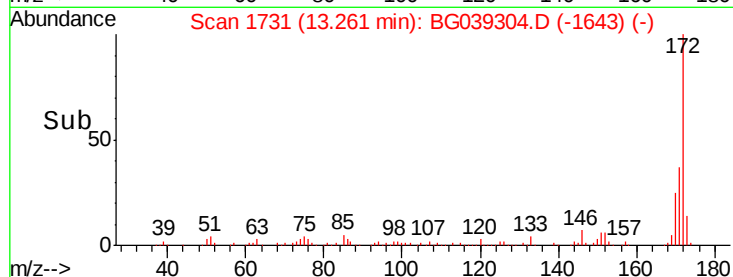
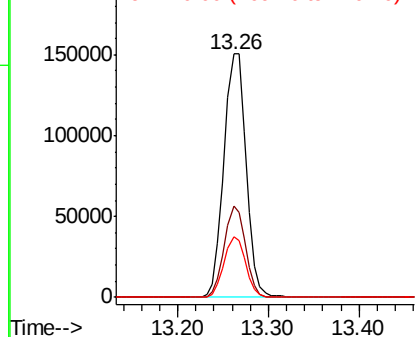
#45
 2-Fluorobiphenyl
 Concen: 83.796 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG039304.D
 Acq: 26 Jan 2019 9:45

Instrument :
 BNA_G
 ClientSampleId :
 012319-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	25.0	20.1	30.1

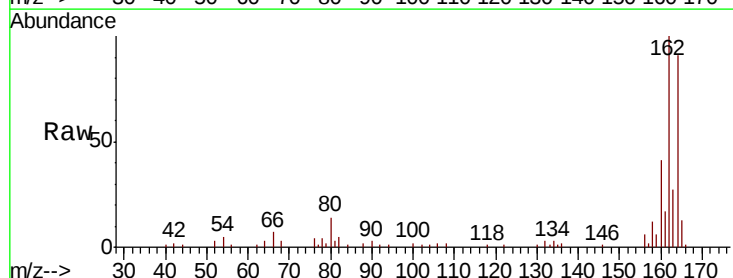


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

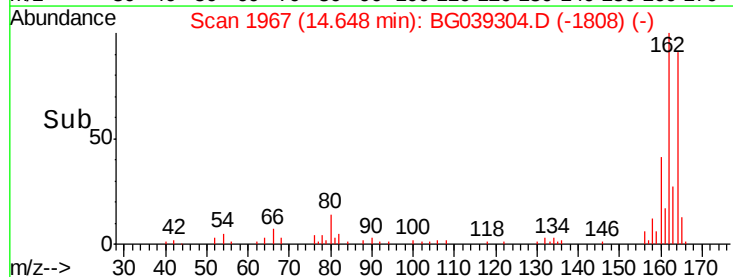
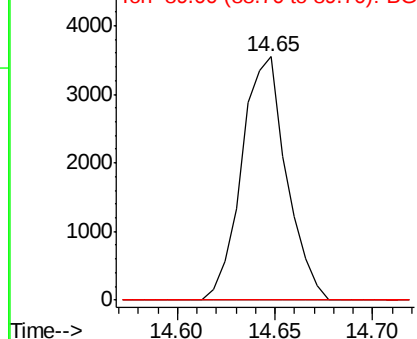


#51
 2,6-Dinitrotoluene
 Concen: 7.102 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039304.D
 Acq: 26 Jan 2019 9:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#



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

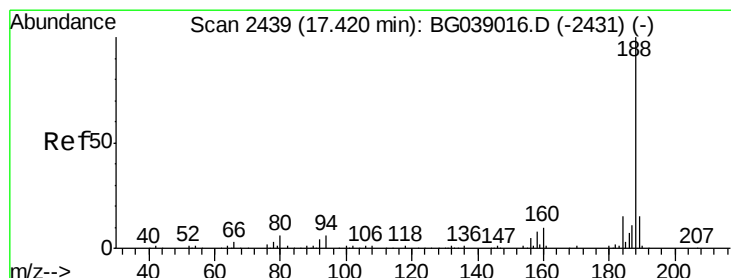
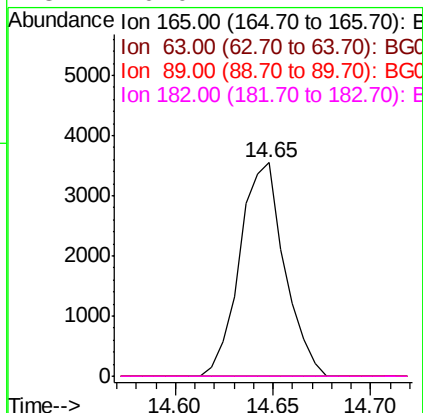
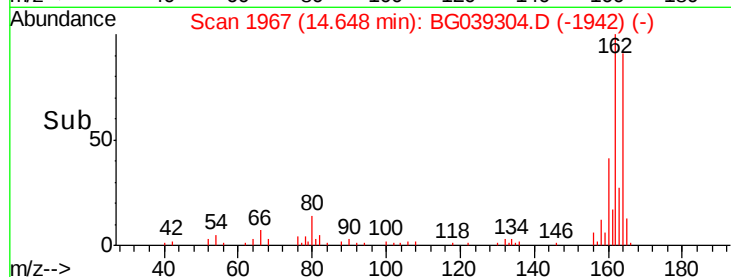
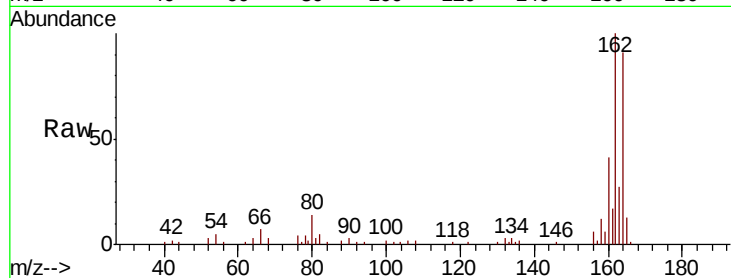




#57
2,4-Dinitrotoluene
Concen: 4.950 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.38 min
Lab File: BG039304.D
Acq: 26 Jan 2019 9:45

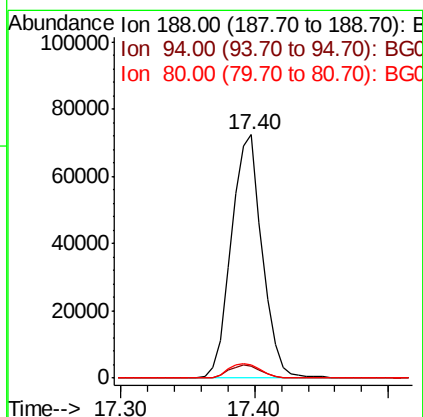
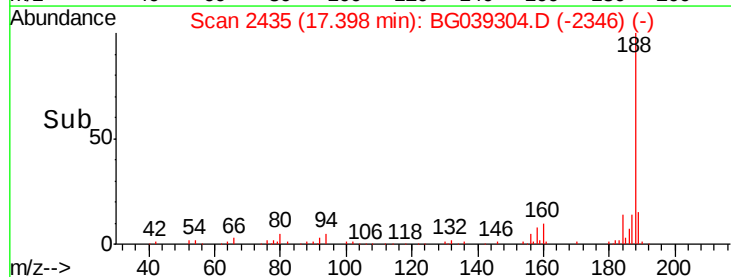
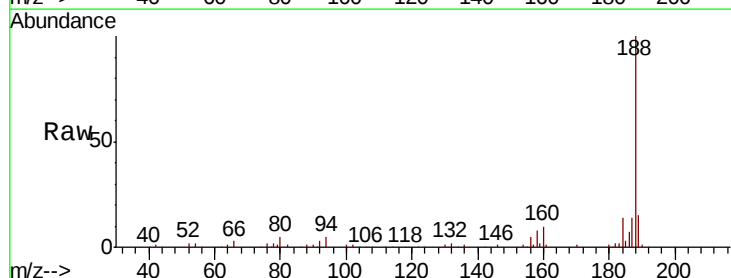
Instrument :
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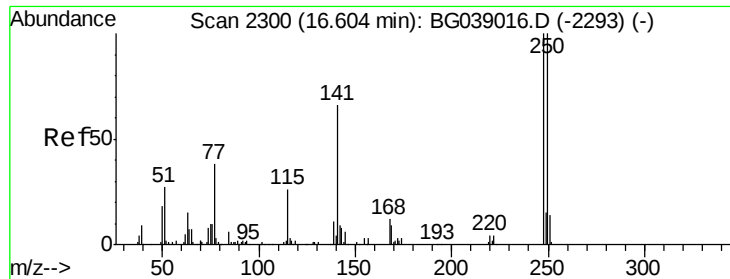
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039304.D
Acq: 26 Jan 2019 9:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.8	5.0	7.4#
80	5.3	4.7	7.1

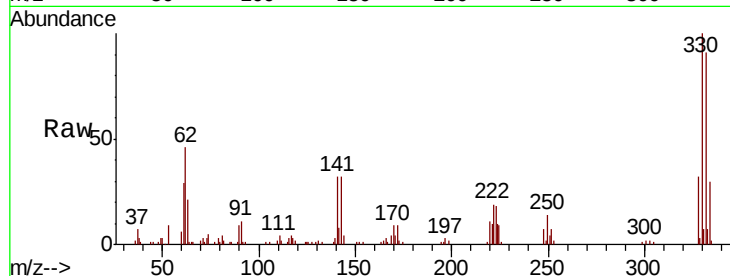




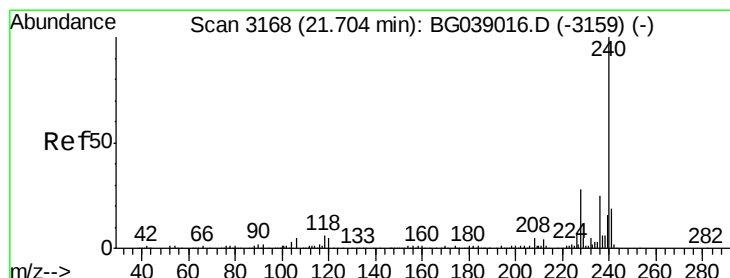
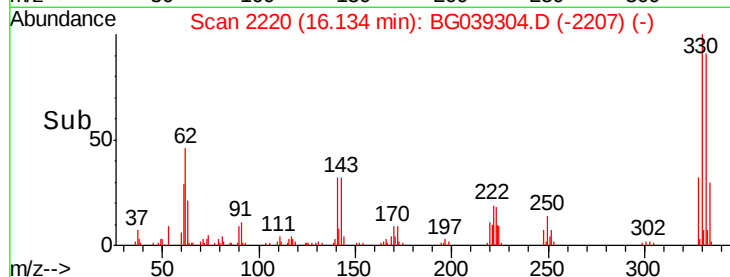
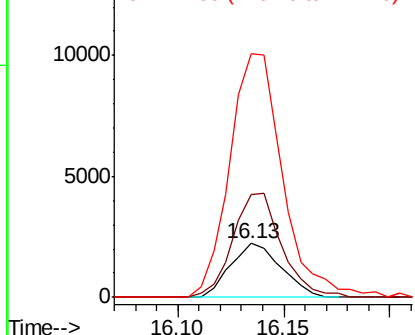
#67
 4-Bromophenyl-phenylether
 Concen: 2.459 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.45 min
 Lab File: BG039304.D
 Acq: 26 Jan 2019 9:45

Instrument :
 BNA_G
 ClientSampleId :
 012319-TIPC-F-U-B

Tgt Ion:248 Resp: 3686
 Ion Ratio Lower Upper
 248 100
 250 190.8 79.9 119.9#
 141 343.6 52.7 79.1#

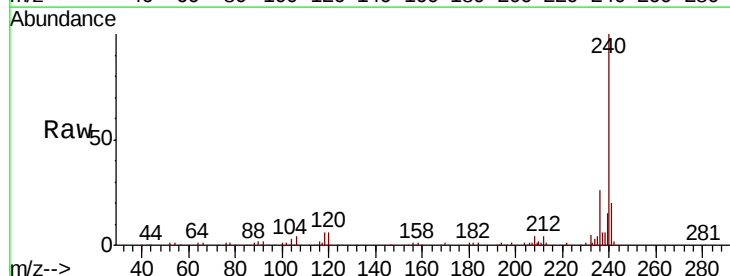


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

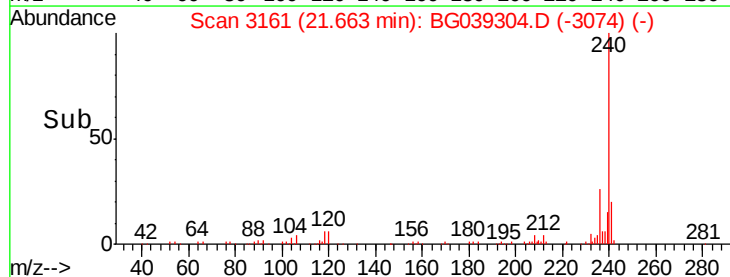
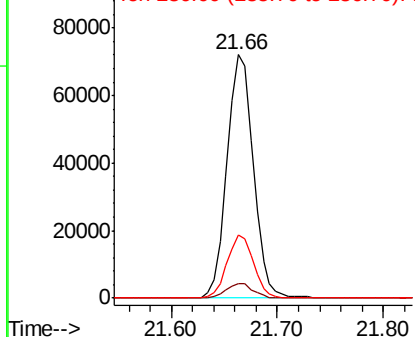


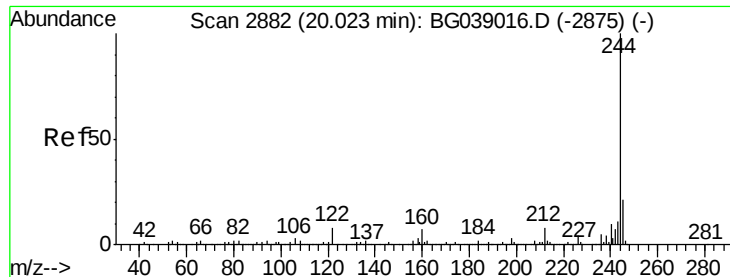
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.02 min
 Lab File: BG039304.D
 Acq: 26 Jan 2019 9:45

Tgt Ion:240 Resp: 124221
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.3 6.5
 236 25.9 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

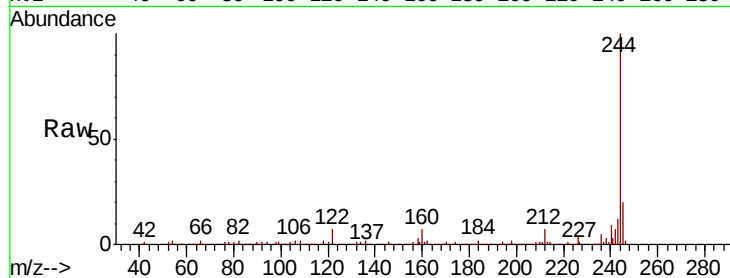




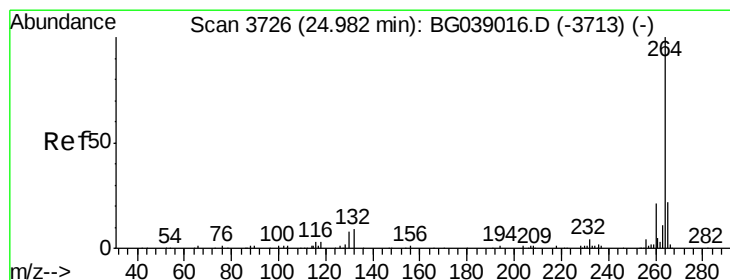
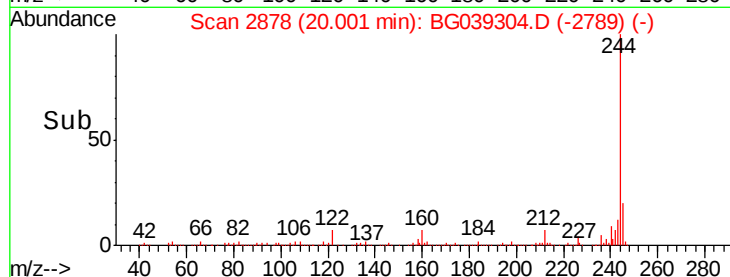
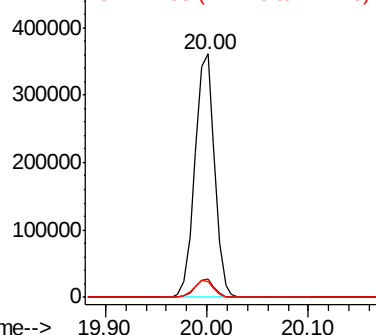
#79
 Terphenyl-d14
 Concen: 72.190 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG039304.D
 Acq: 26 Jan 2019 9:45

Instrument :
 BNA_G
 ClientSampleId :
 012319-TIPC-F-U-B

Tgt Ion: 244 Resp: 484760
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.5 6.1 9.1

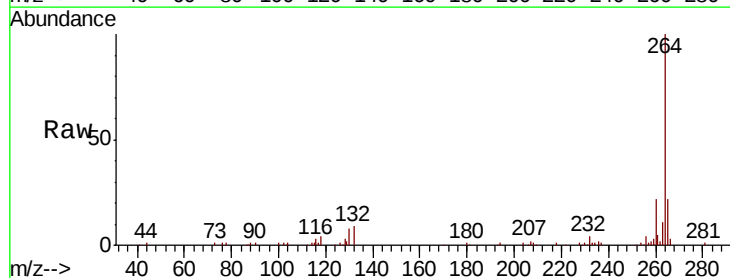


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3715
 Delta R.T. -0.03 min
 Lab File: BG039304.D
 Acq: 26 Jan 2019 9:45

Tgt Ion: 264 Resp: 133531
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.0 25.6
 265 22.0 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

