

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039182.D
 Acq On : 17 Jan 2019 7:26
 Operator : JU/SJ
 Sample : PB116427TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116427TB

Quant Time: Jan 17 08:10:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

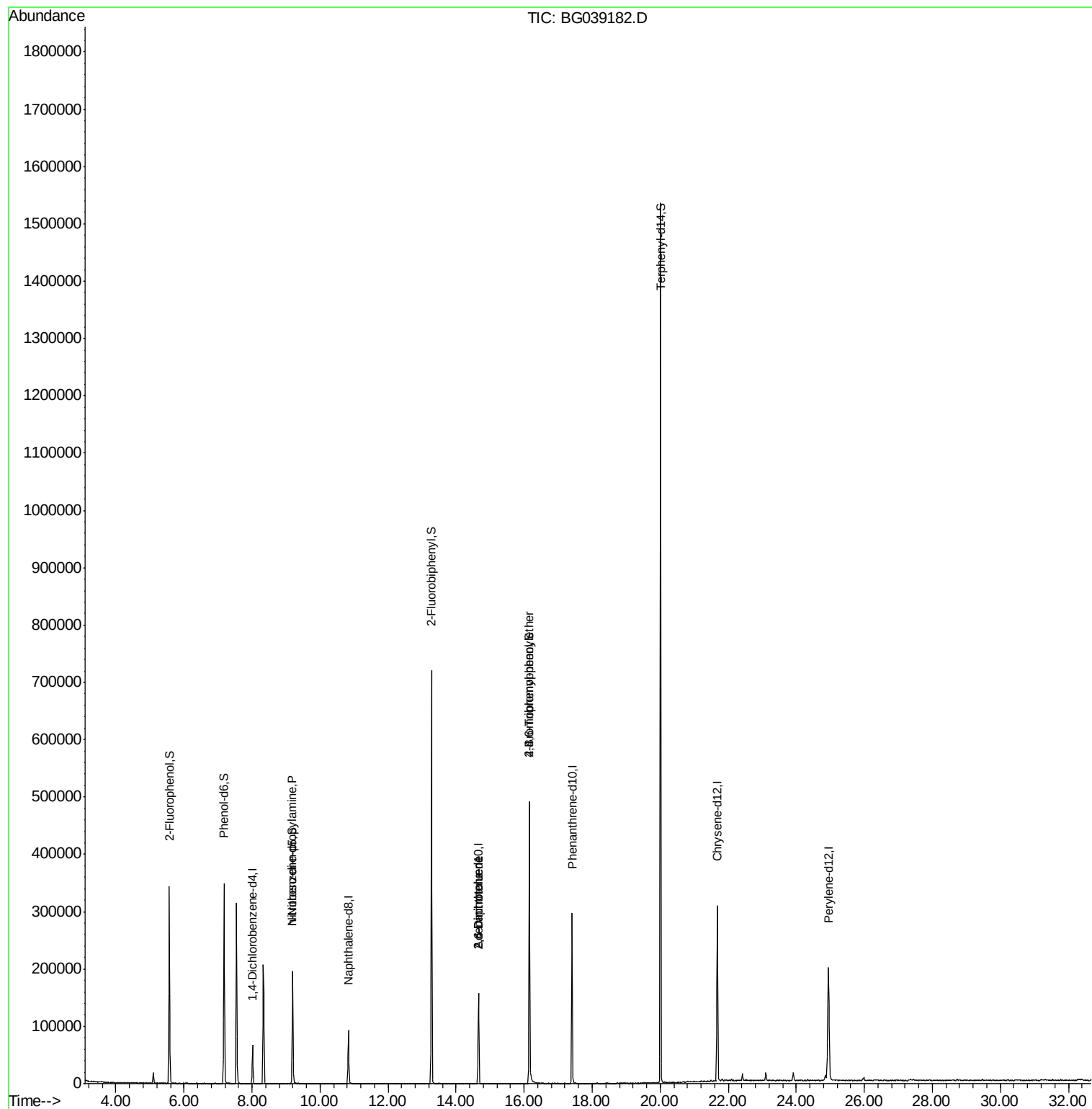
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	21390	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	81631	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	62224	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	194372	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	208423	20.00	ng	-0.03
87) Perylene-d12	24.94	264	242056	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	160831	142.63	ng	-0.02
7) Phenol-d6	7.18	99	206912	127.51	ng	-0.01
23) Nitrobenzene-d5	9.19	82	114853	76.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	116776	111.96	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	365686	80.43	ng	-0.02
79) Terphenyl-d14	20.01	244	777754	69.03	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	14916	13.998	ng	# 70
51) 2,6-Dinitrotoluene	14.66	165	7823	6.654	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7823	4.638	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	7500	3.002	ng	# 1

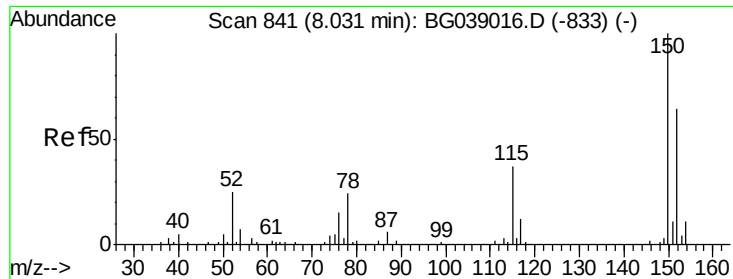
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



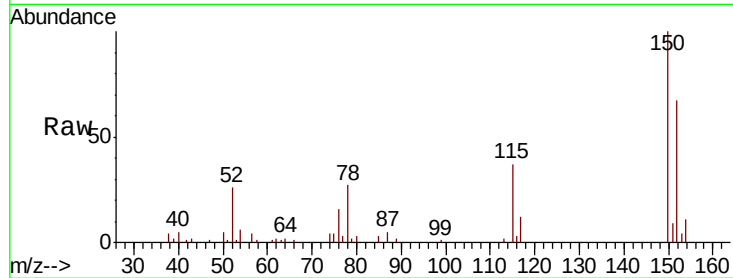


#1

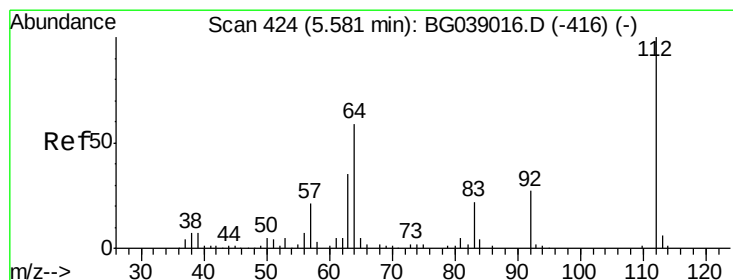
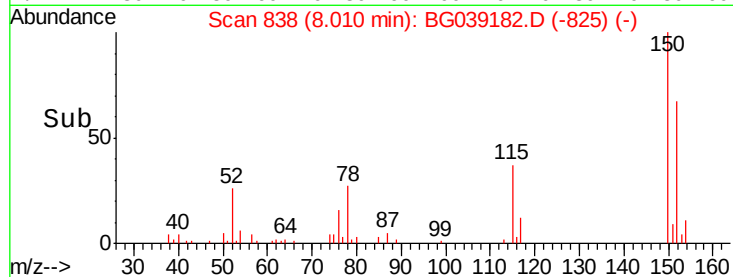
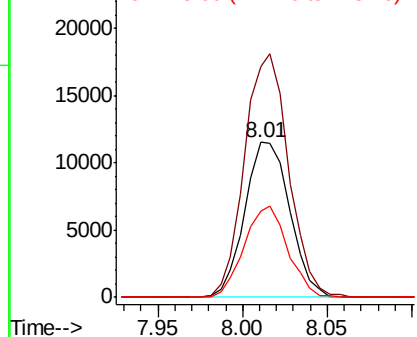
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039182.D
Acq: 17 Jan 2019 7:26

Instrument :
BNA_G
ClientSampleId :
PB116427TB

Tgt Ion:152 Resp: 21390
Ion Ratio Lower Upper
152 100
150 148.8 124.7 187.1
115 55.3 46.5 69.7



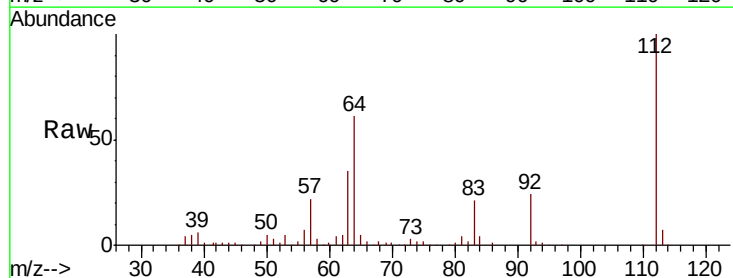
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



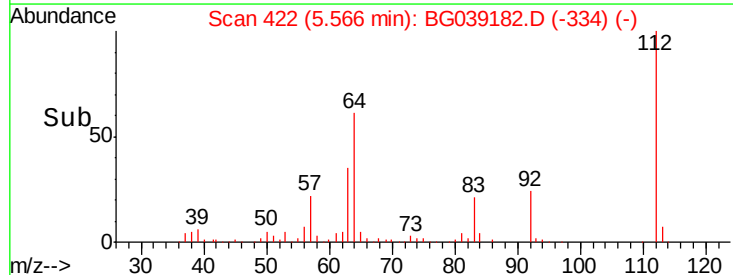
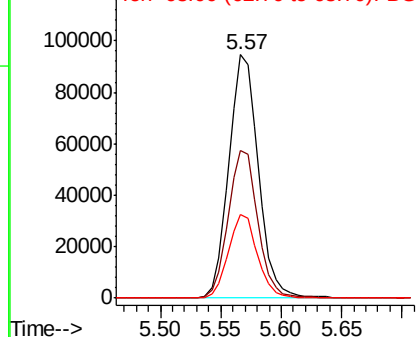
#5

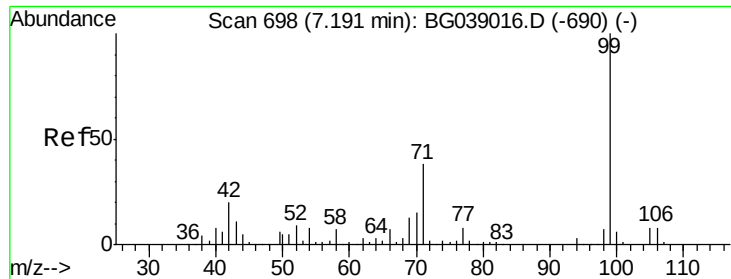
2-Fluorophenol
Concen: 142.634 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG039182.D
Acq: 17 Jan 2019 7:26

Tgt Ion:112 Resp: 160831
Ion Ratio Lower Upper
112 100
64 60.8 47.0 70.6
63 34.6 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: 127.508 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

Instrument :

BNA_G

ClientSampleId :

PB116427TB

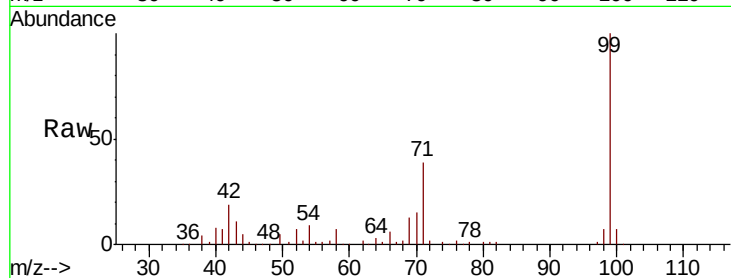
Tgt Ion: 99 Resp: 206912

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

71 38.9 30.2 45.4

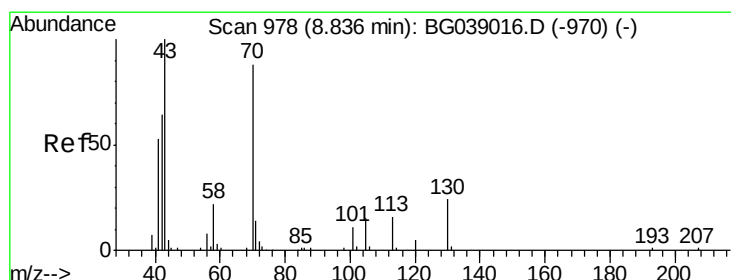
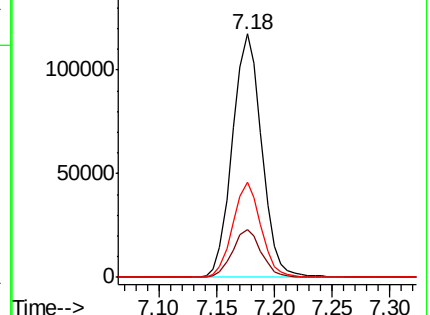
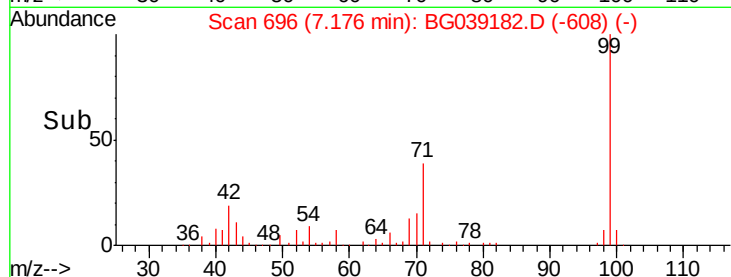


Abundance

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: 13.998 ng

RT: 9.19 min Scan# 1039

Delta R.T. 0.36 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

Tgt Ion: 70 Resp: 14916

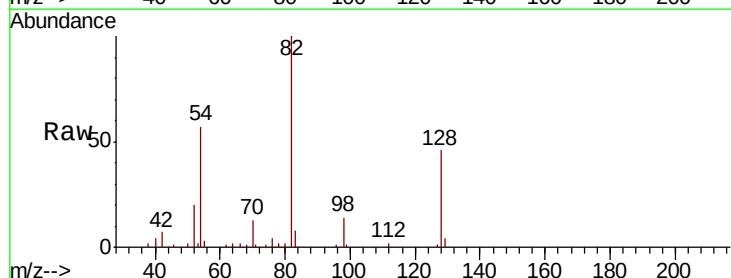
Ion Ratio Lower Upper

70 100

42 54.4 59.0 88.4#

101 0.0 10.4 15.6#

130 2.2 21.6 32.4#



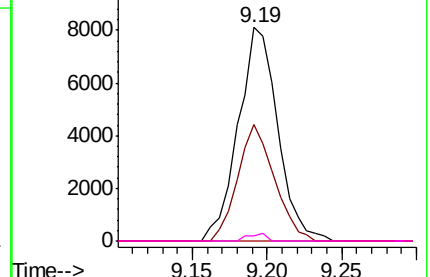
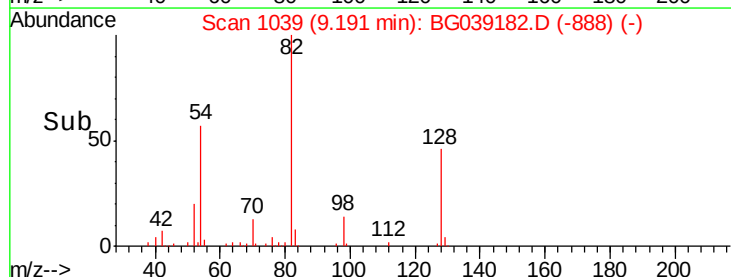
Abundance

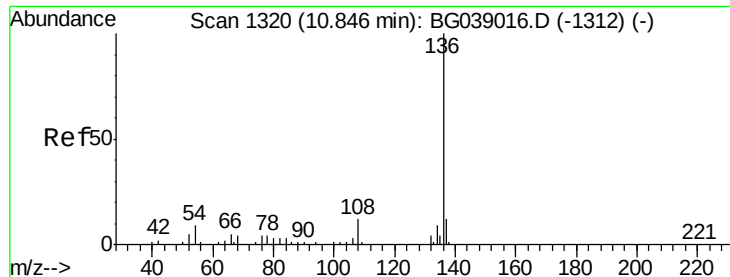
Ion 70.00 (69.70 to 70.70): BGC

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

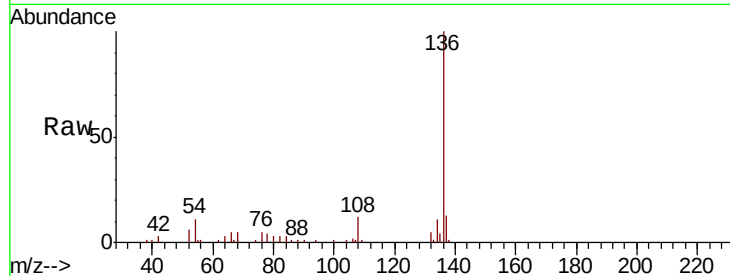




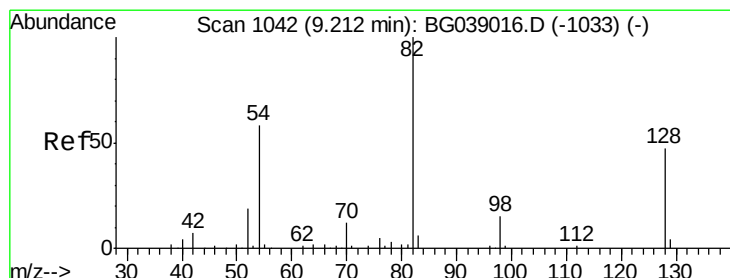
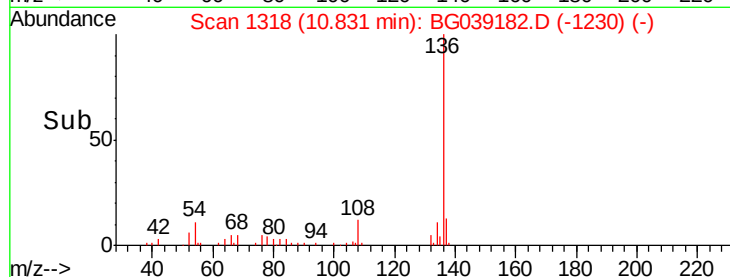
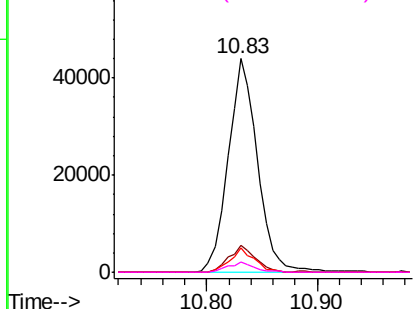
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG039182.D
Acq: 17 Jan 2019 7:26

Instrument :
BNA_G
ClientSampleId :
PB116427TB

Tgt Ion:	136	Resp:	81631
Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.4	14.2
54	11.2	7.2	10.8#
68	4.6	3.5	5.3

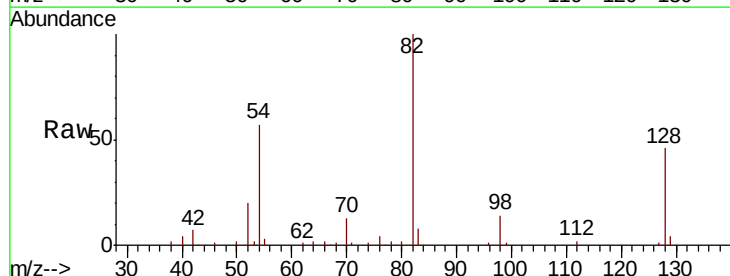


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

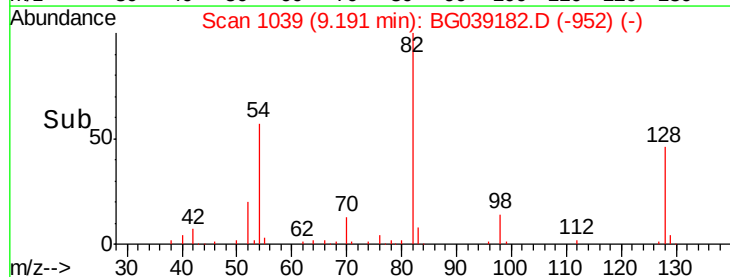
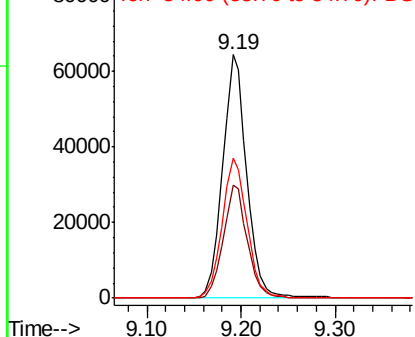


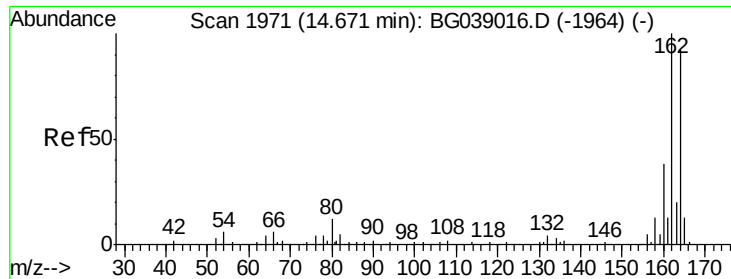
#23
Nitrobenzene-d5
Concen: 76.989 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039182.D
Acq: 17 Jan 2019 7:26

Tgt Ion:	82	Resp:	114853
Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.3	55.9
54	57.2	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: 14.66 min Scan# 1969

Delta R.T. -0.02 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

Instrument :

BNA_G

ClientSampleId :

PB116427TB

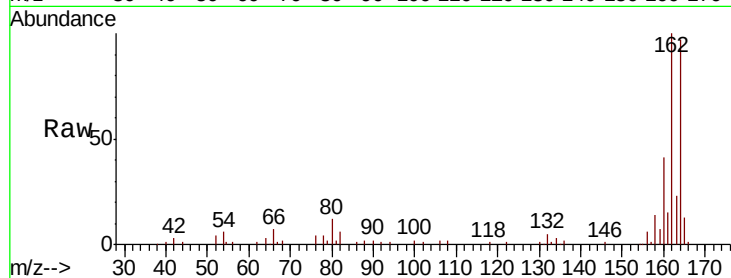
Tgt Ion:164 Resp: 62224

Ion Ratio Lower Upper

164 100

162 102.9 87.2 130.8

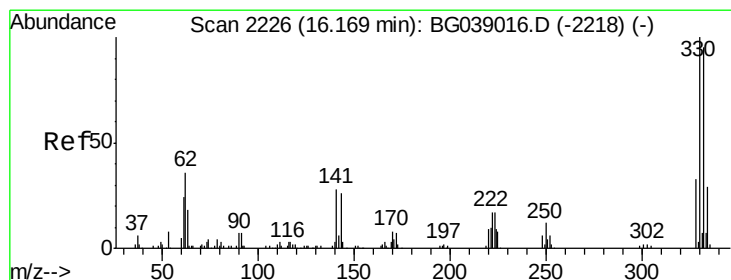
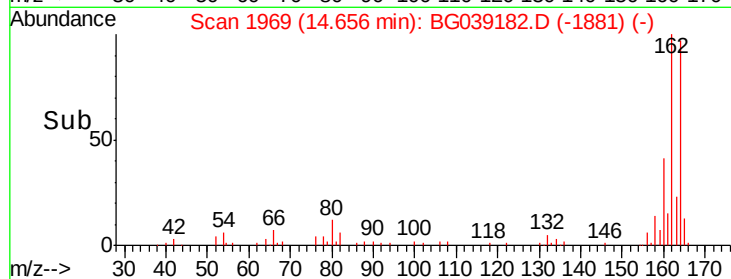
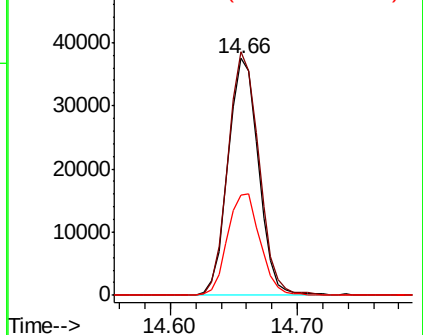
160 42.3 33.3 49.9



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: 111.957 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

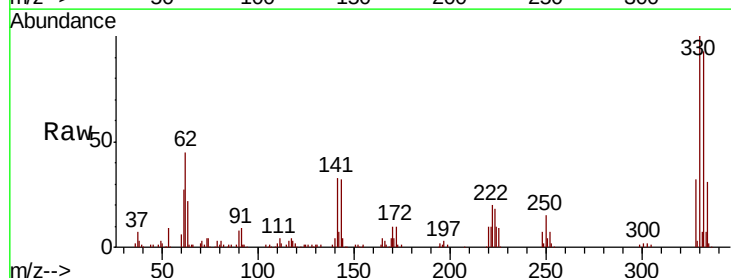
Tgt Ion:330 Resp: 116776

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

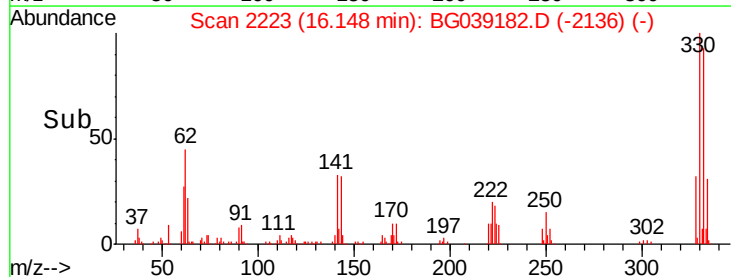
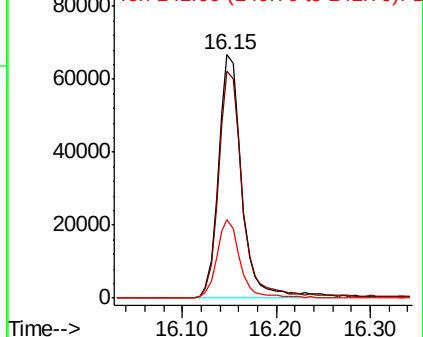
141 31.8 24.9 37.3

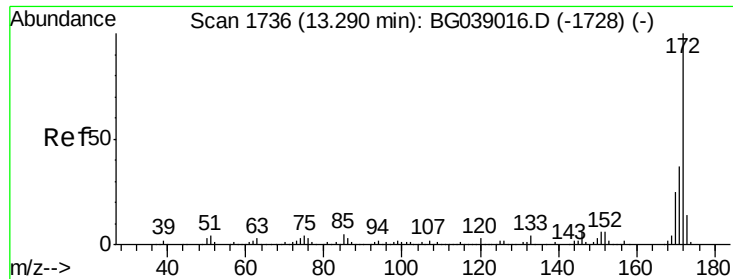


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

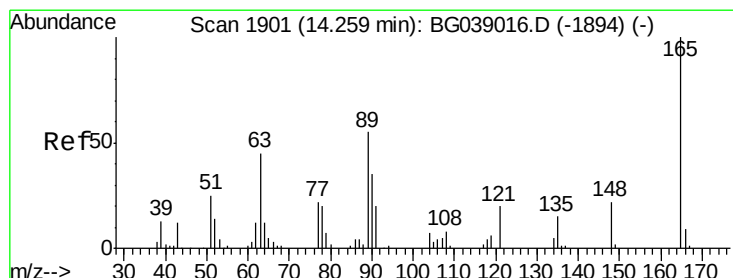
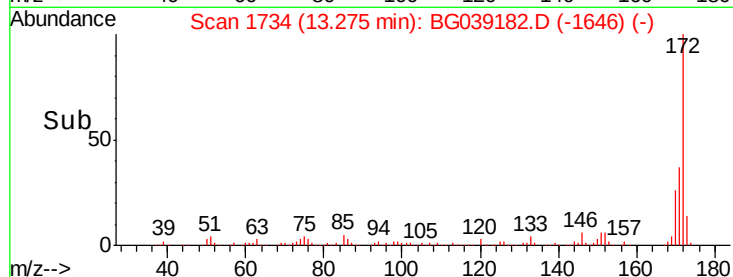
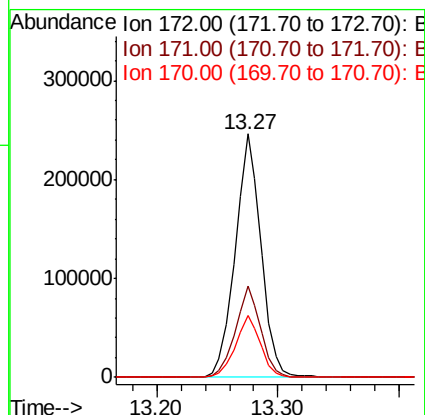
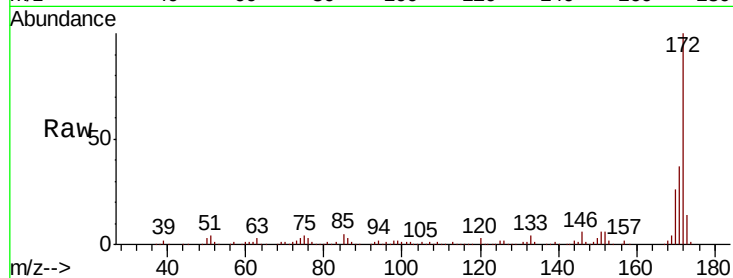




#45
 2-Fluorobiphenyl
 Concen: 80.430 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.02 min
 Lab File: BG039182.D
 Acq: 17 Jan 2019 7:26

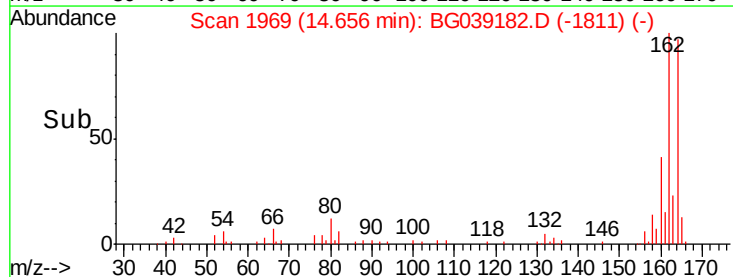
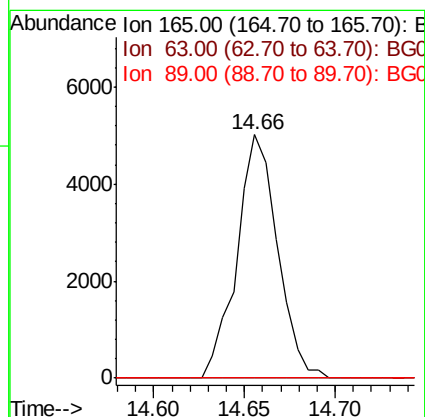
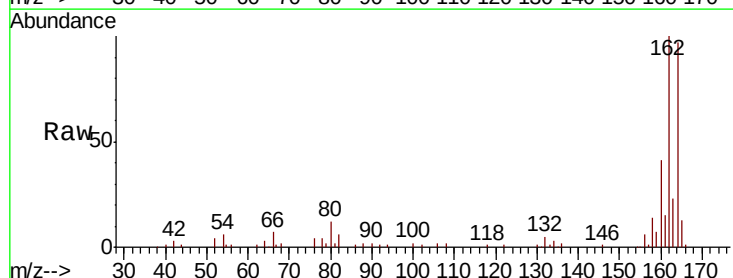
Instrument :
 BNA_G
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 PB116427TB

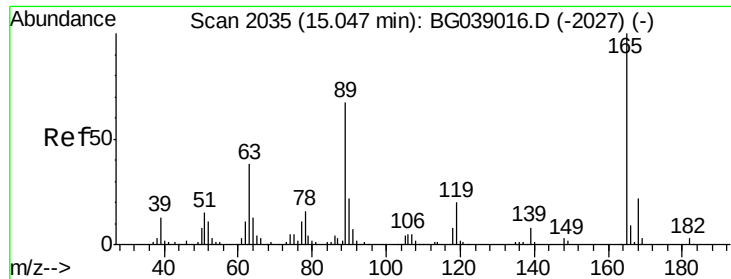
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	25.6	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.654 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.40 min
 Lab File: BG039182.D
 Acq: 17 Jan 2019 7:26

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

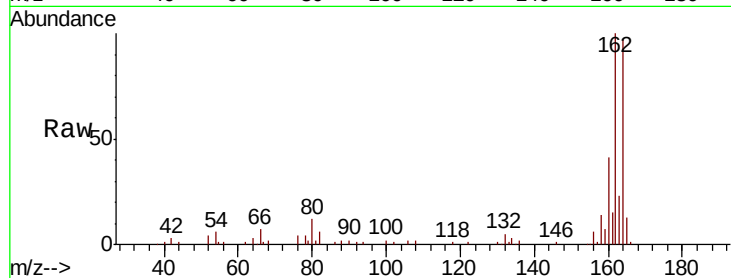




#57
 2,4-Dinitrotoluene
 Concen: 4.638 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.39 min
 Lab File: BG039182.D
 Acq: 17 Jan 2019 7:26

Instrument :
 BNA_G
 ClientSampleId :
 PB116427TB

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#

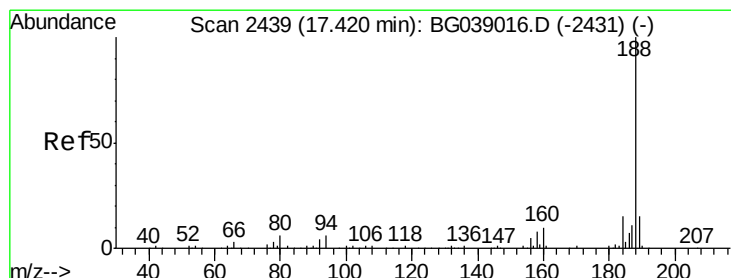
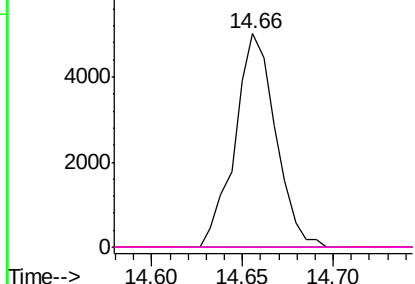
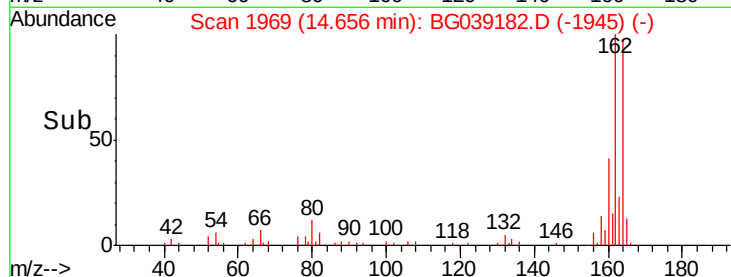


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

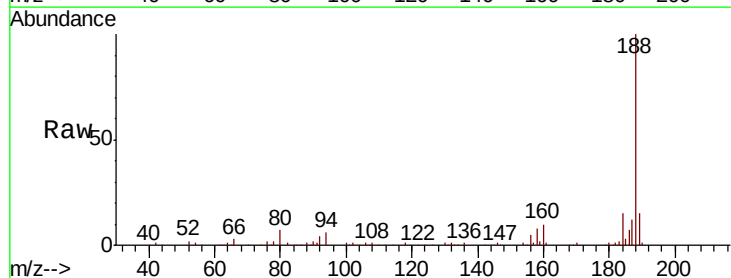
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.02 min
 Lab File: BG039182.D
 Acq: 17 Jan 2019 7:26

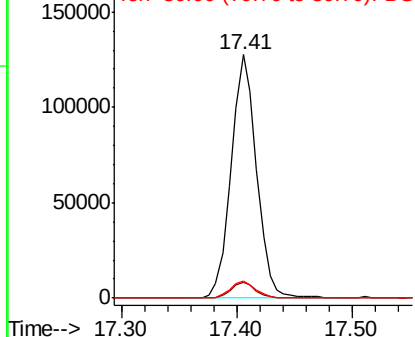
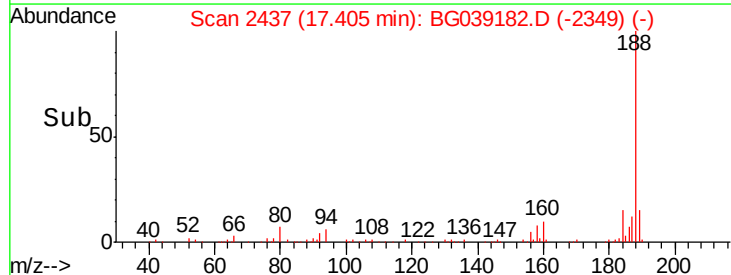
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.0	7.4
80	7.1	4.7	7.1#

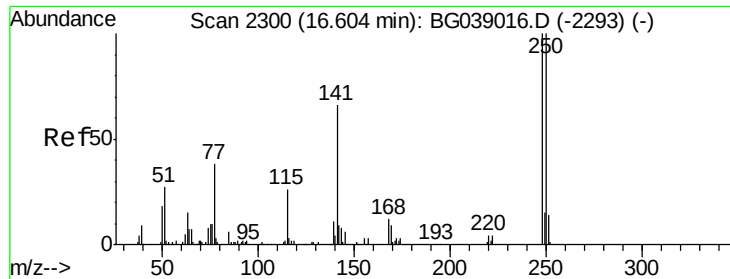


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

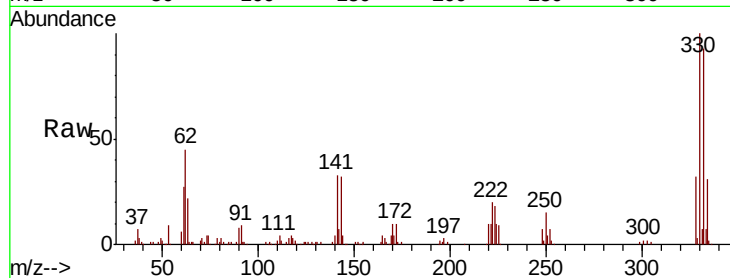




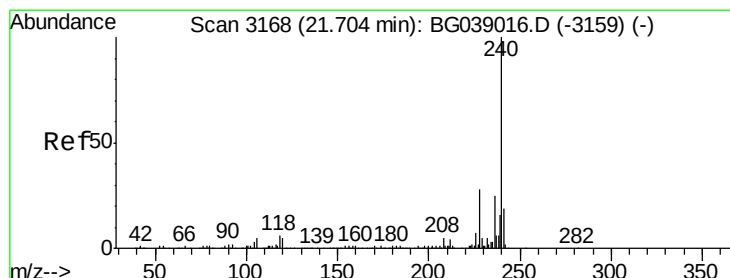
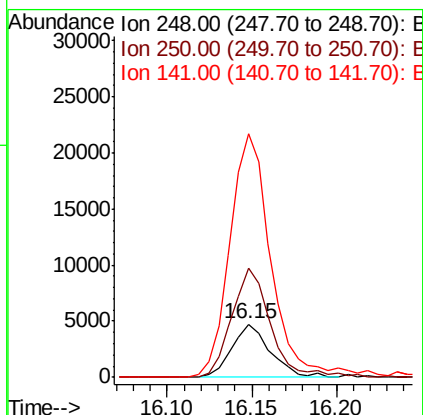
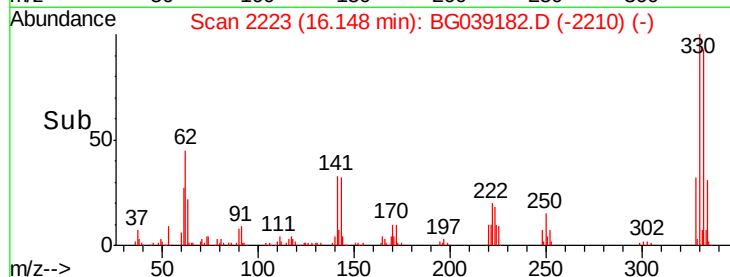
#67
 4-Bromophenyl-phenylether
 Concen: 3.002 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.46 min
 Lab File: BG039182.D
 Acq: 17 Jan 2019 7:26

Instrument :
 BNA_G
 ClientSampleId :
 PB116427TB

Tgt Ion:248 Resp: 7500
 Ion Ratio Lower Upper
 248 100
 250 208.3 79.9 119.9#
 141 353.5 52.7 79.1#

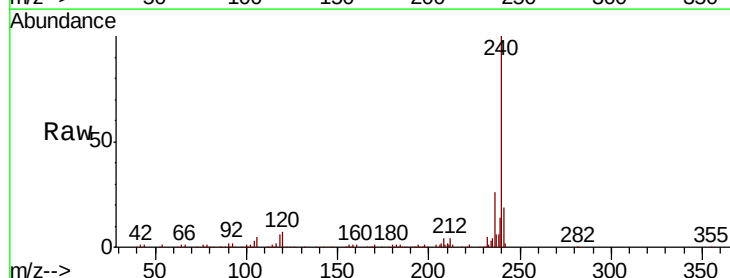


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

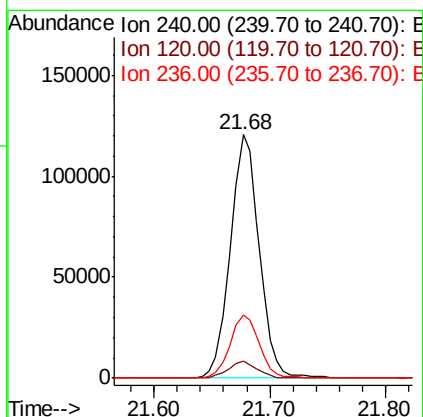
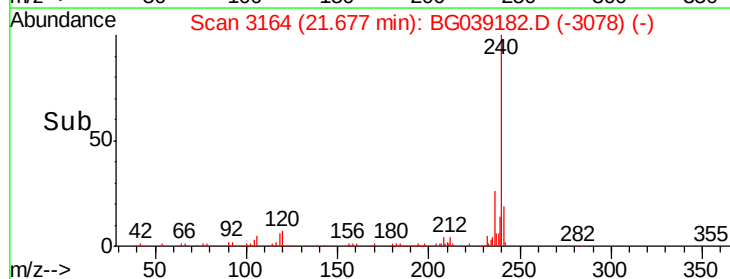


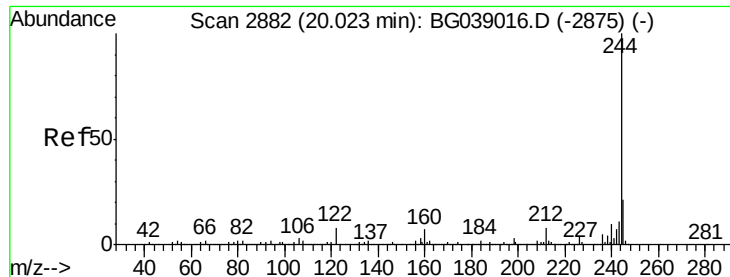
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.03 min
 Lab File: BG039182.D
 Acq: 17 Jan 2019 7:26

Tgt Ion:240 Resp: 208423
 Ion Ratio Lower Upper
 240 100
 120 6.8 4.3 6.5#
 236 25.7 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: 69.031 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.02 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

Instrument :

BNA_G

ClientSampleId :

PB116427TB

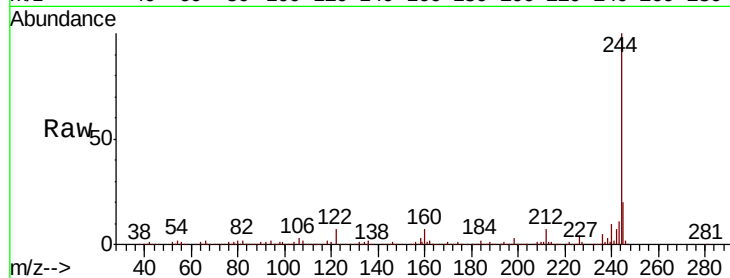
Tgt Ion:244 Resp: 777754

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

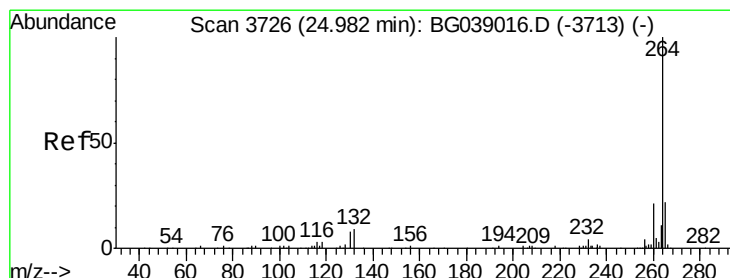
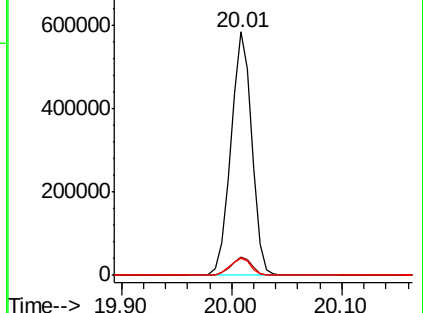
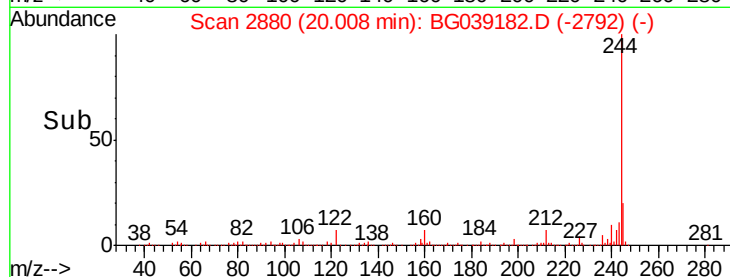
122 7.0 6.1 9.1



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: 24.94 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039182.D

Acq: 17 Jan 2019 7:26

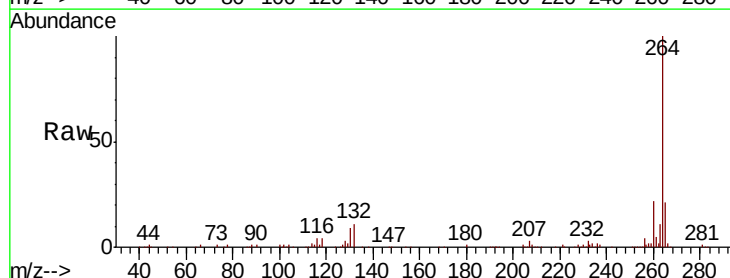
Tgt Ion:264 Resp: 242056

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

265 20.7 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

