

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
 Data File : BG039306.D
 Acq On : 26 Jan 2019 11:03
 Operator : JU/SJ
 Sample : PB116618BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BL

Quant Time: Jan 28 03:18:35 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

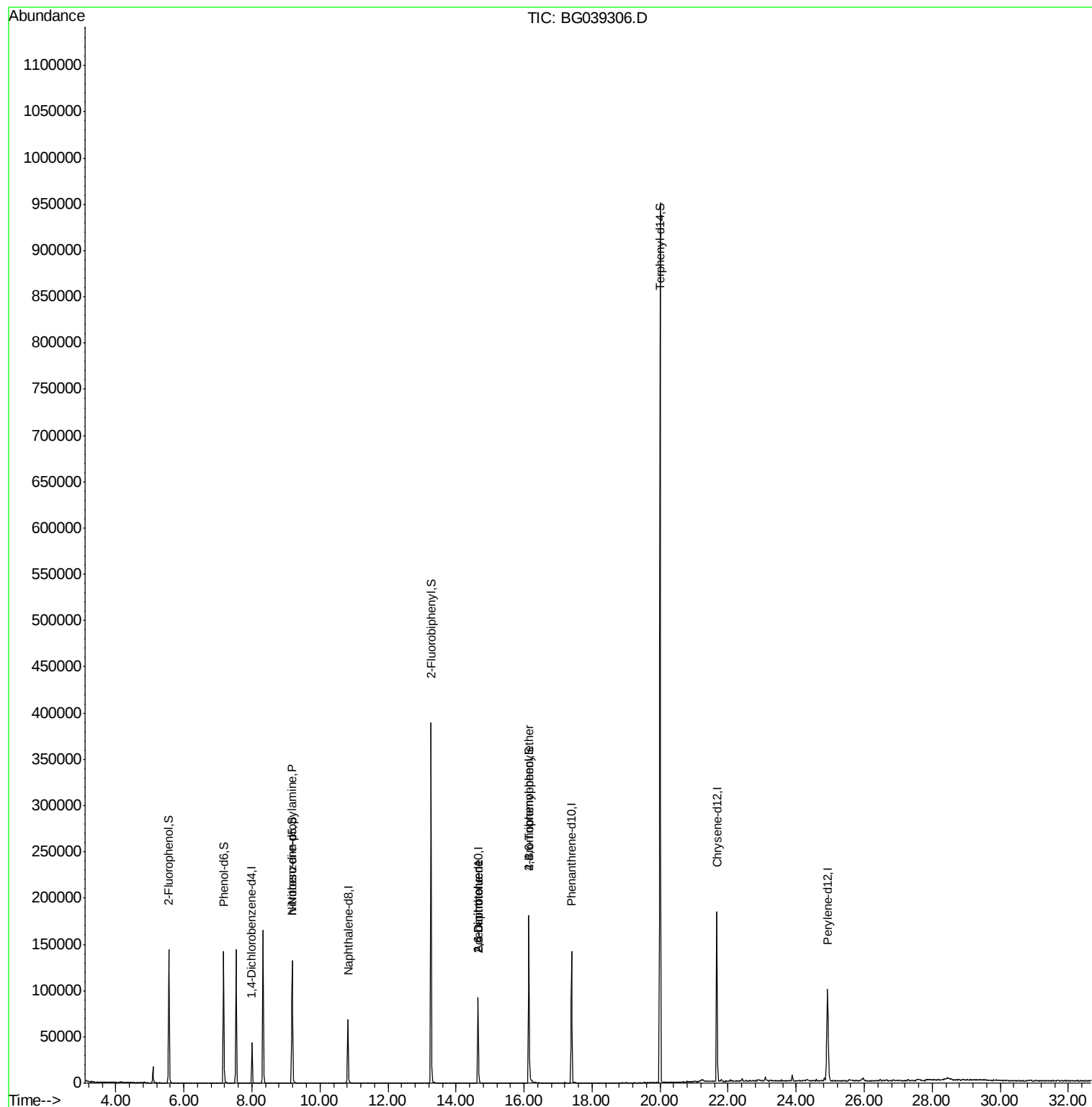
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	12630	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	68202	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	34118	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	99956	20.00	ng	0.00
76) Chrysene-d12	21.66	240	127444	20.00	ng	-0.02
87) Perylene-d12	24.92	264	131616	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	65284	98.05	ng	0.00
7) Phenol-d6	7.17	99	84862	88.57	ng	0.00
23) Nitrobenzene-d5	9.18	82	80858	64.87	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	45846	80.16	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	220336	88.38	ng	0.00
79) Terphenyl-d14	20.00	244	482636	70.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	10575	16.807	ng	# 63
51) 2,6-Dinitrotoluene	14.65	165	4585	7.113	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	4585	4.958	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	2745	2.136	ng	# 1

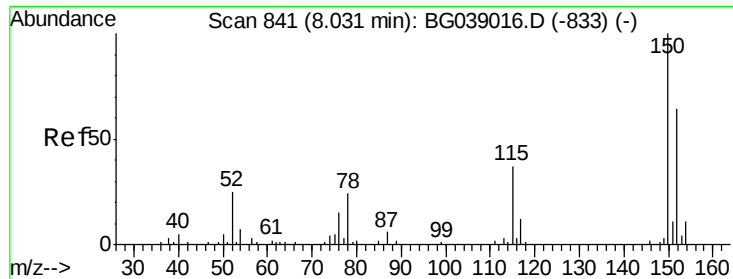
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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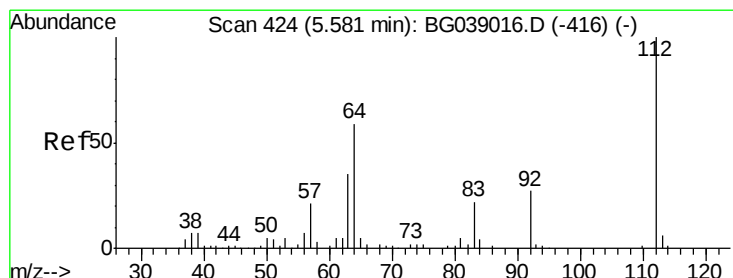
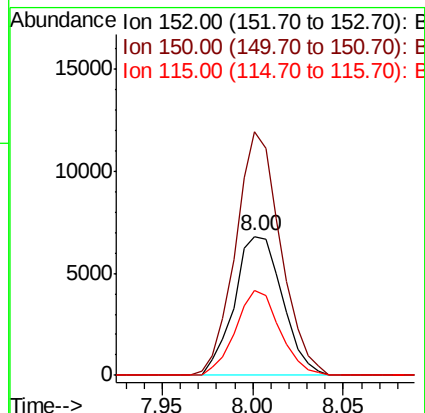
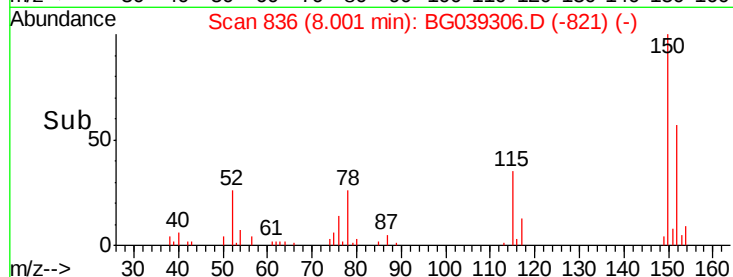
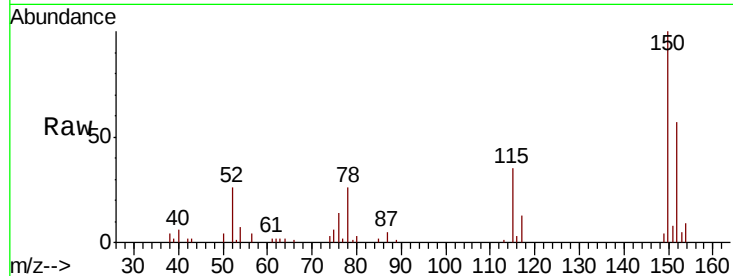


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039306.D
Acq: 26 Jan 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB116618BL

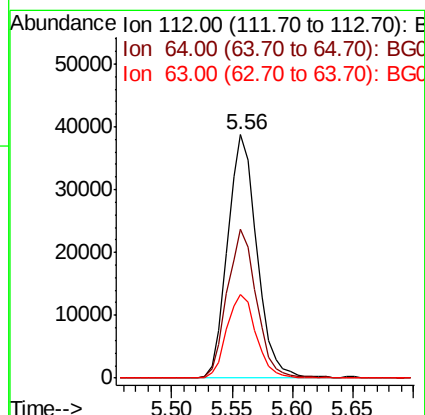
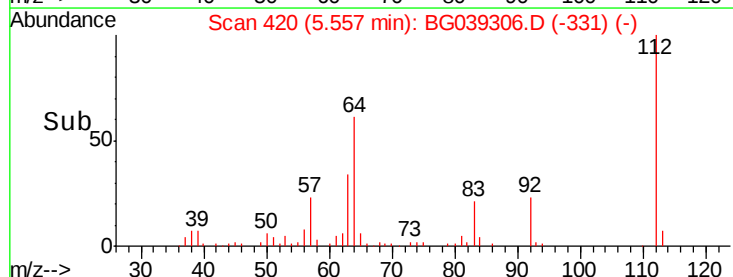
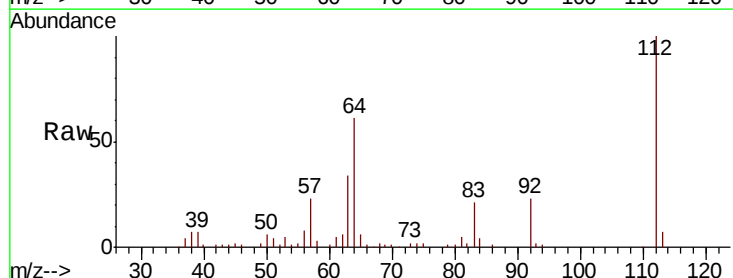
Tgt Ion:152 Resp: 12630
Ion Ratio Lower Upper
152 100
150 175.1 124.7 187.1
115 60.9 46.5 69.7

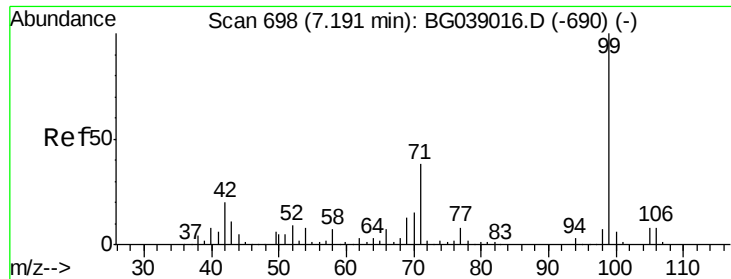


#5

2-Fluorophenol
Concen: 98.054 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039306.D
Acq: 26 Jan 2019 11:03

Tgt Ion:112 Resp: 65284
Ion Ratio Lower Upper
112 100
64 61.1 47.0 70.6
63 34.5 28.0 42.0





#7

Phenol-d6

Concen: 88.567 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB116618BL

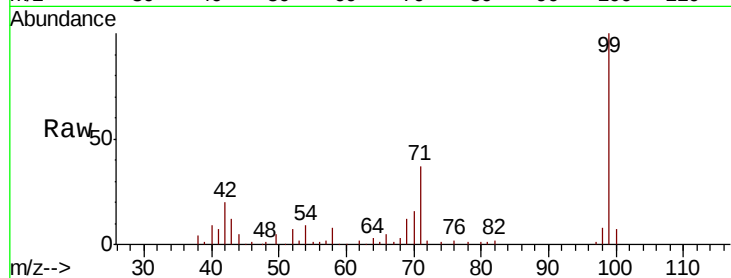
Tgt Ion: 99 Resp: 84862

Ion Ratio Lower Upper

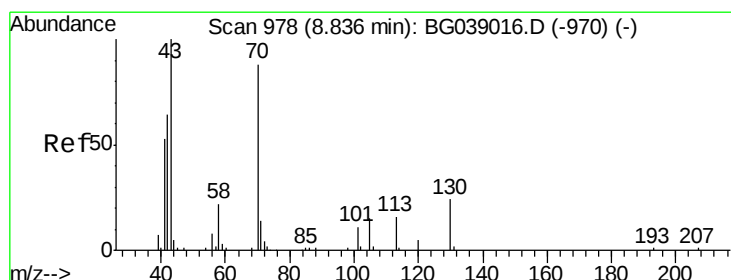
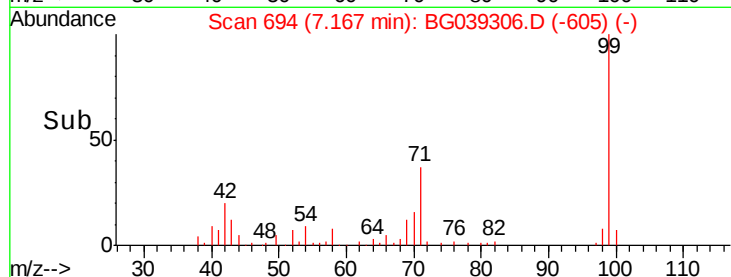
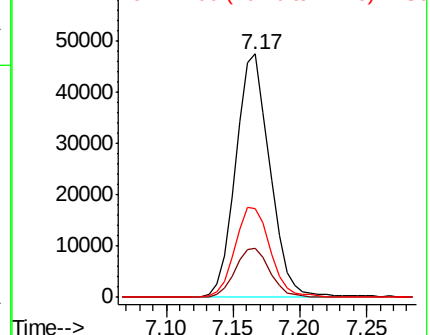
99 100

42 20.1 15.8 23.6

71 36.7 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: 16.807 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.36 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

Tgt Ion: 70 Resp: 10575

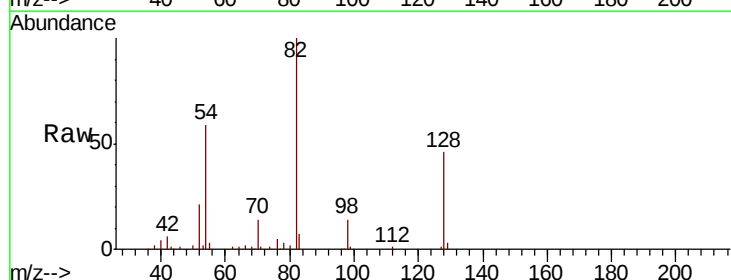
Ion Ratio Lower Upper

70 100

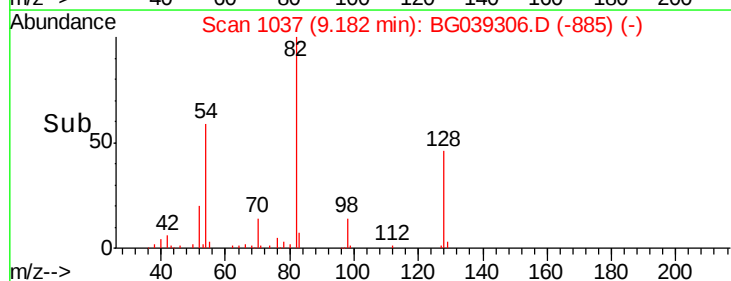
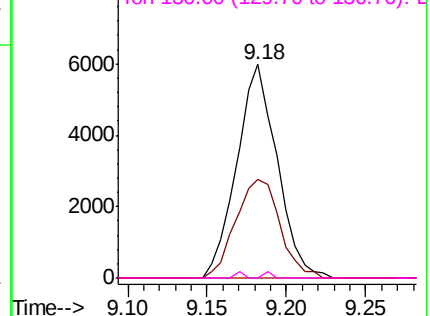
42 46.1 59.0 88.4#

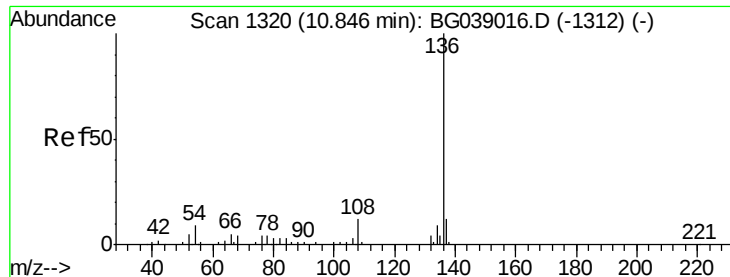
101 0.0 10.4 15.6#

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

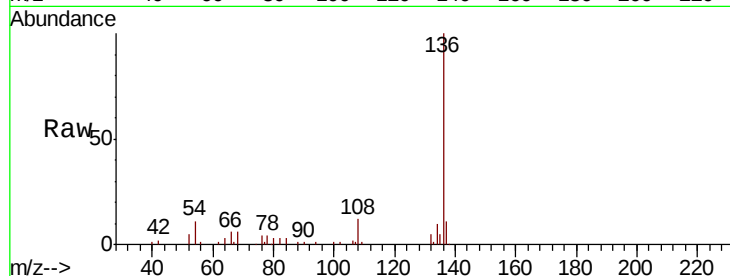




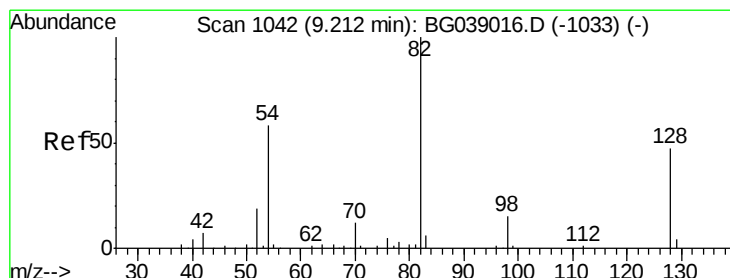
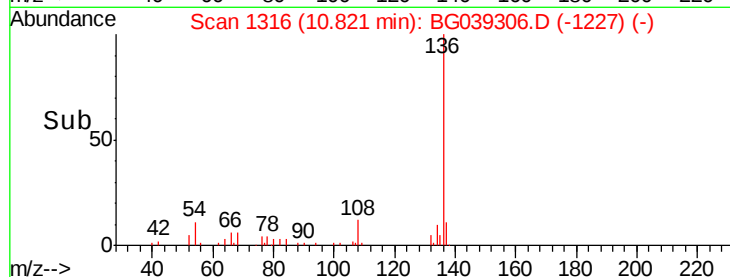
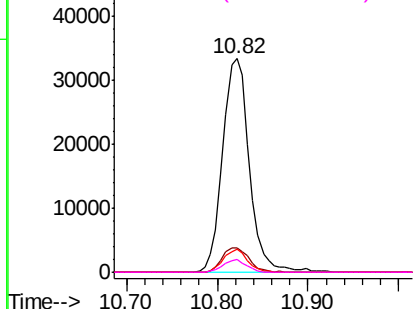
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039306.D
Acq: 26 Jan 2019 11:03

Instrument :
BNA_G
ClientSampleId :
PB116618BL

Tgt Ion:136 Resp: 68202
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 10.7 7.2 10.8
68 6.1 3.5 5.3#

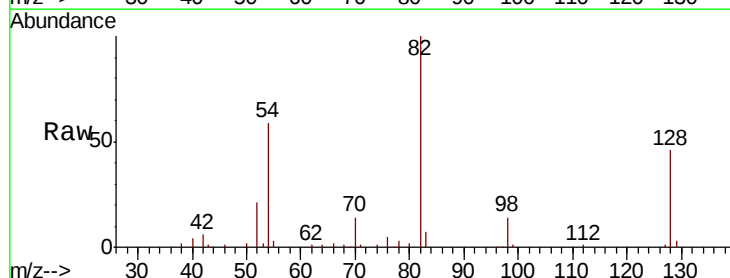


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

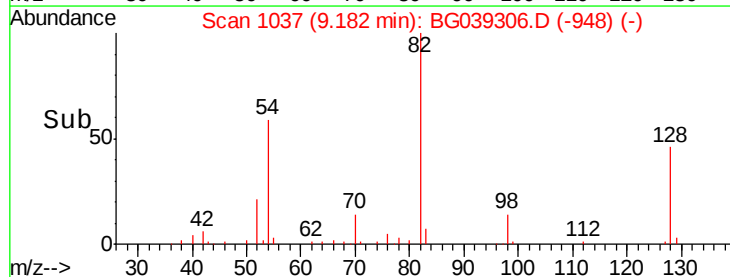
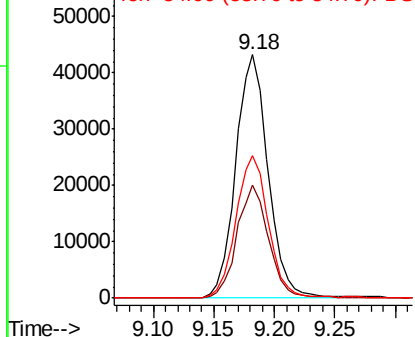


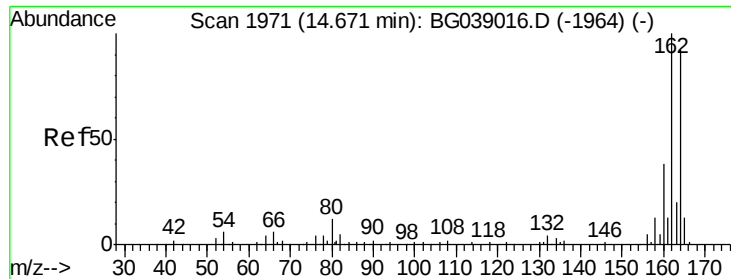
#23
Nitrobenzene-d5
Concen: 64.874 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039306.D
Acq: 26 Jan 2019 11:03

Tgt Ion: 82 Resp: 80858
Ion Ratio Lower Upper
82 100
128 46.4 37.3 55.9
54 58.7 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: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB116618BL

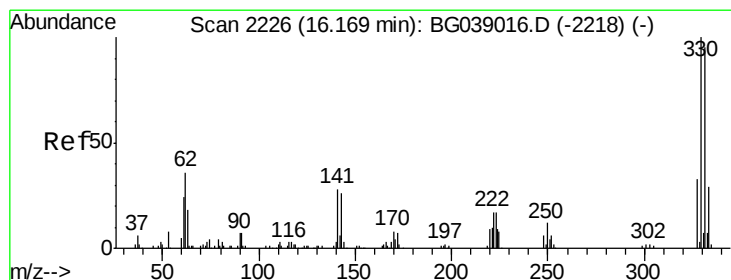
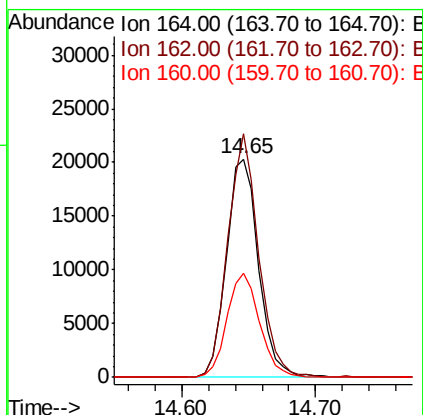
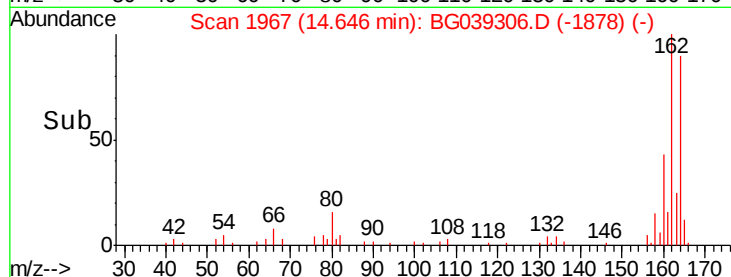
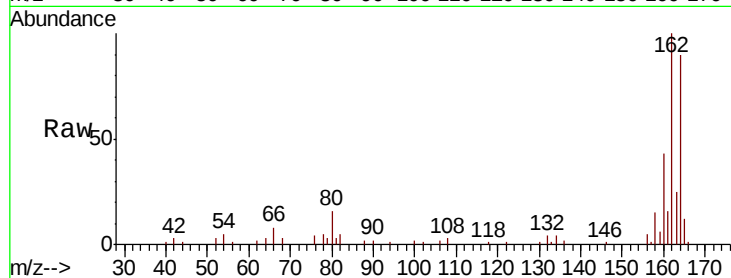
Tgt Ion:164 Resp: 34118

Ion Ratio Lower Upper

164 100

162 111.6 87.2 130.8

160 47.7 33.3 49.9



#42

2,4,6-Tribromophenol

Concen: 80.163 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

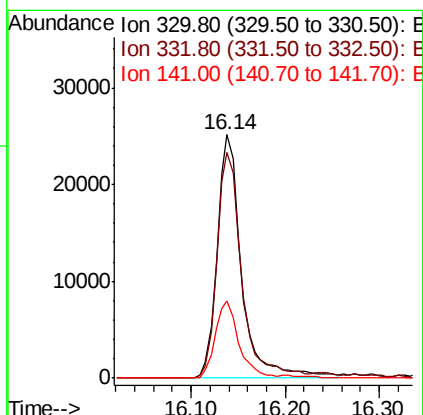
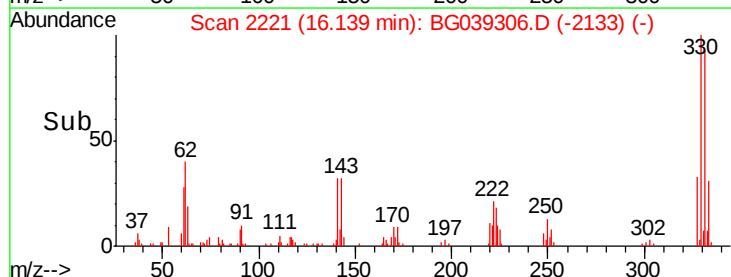
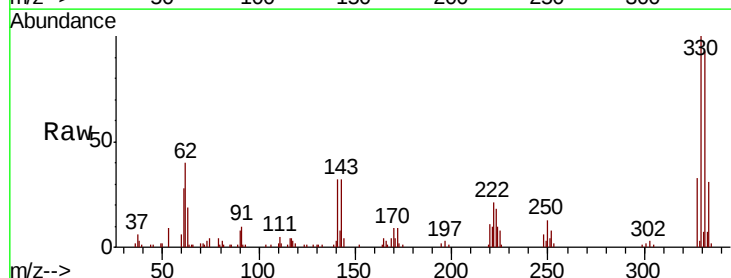
Tgt Ion:330 Resp: 45846

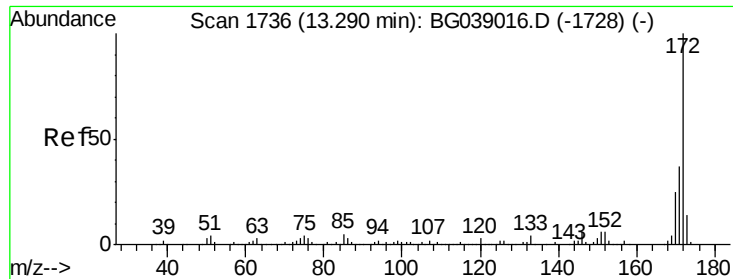
Ion Ratio Lower Upper

330 100

332 93.6 75.7 113.5

141 30.4 24.9 37.3

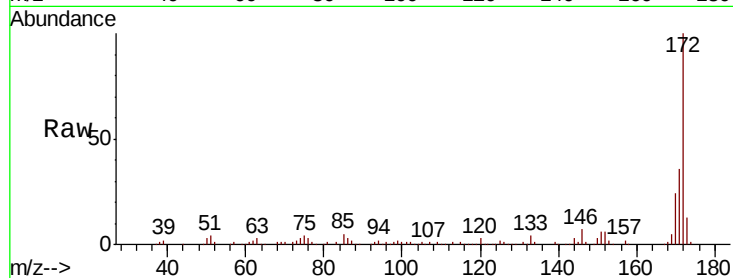




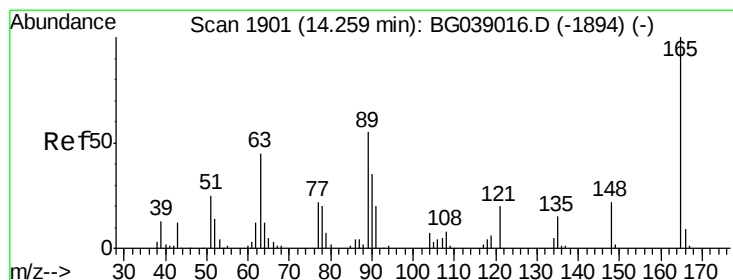
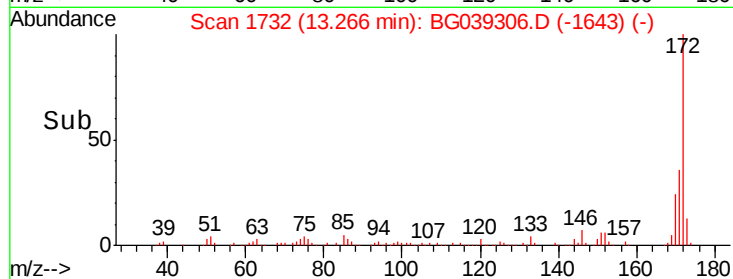
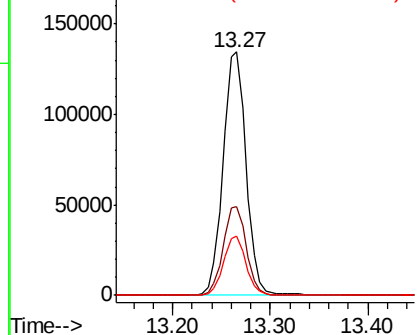
#45
 2-Fluorobiphenyl
 Concen: 88.383 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039306.D
 Acq: 26 Jan 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BL

Tgt Ion:172 Resp: 220336
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.1 20.1 30.1

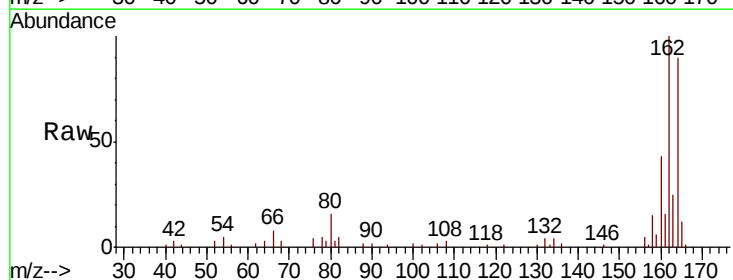


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

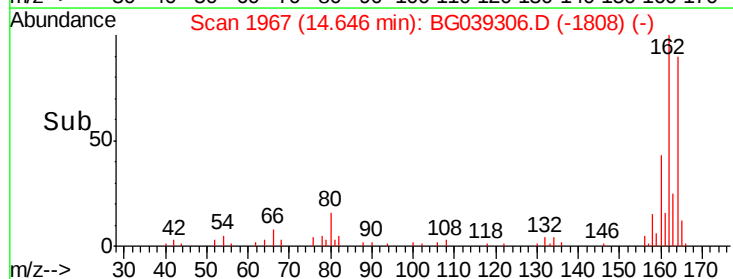
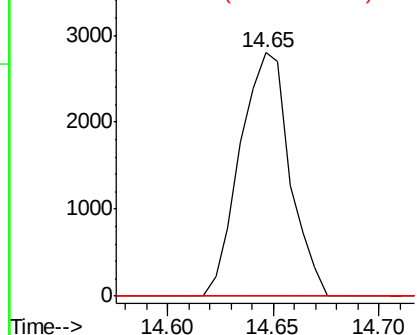


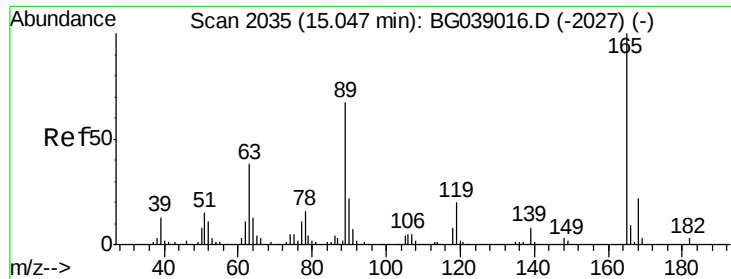
#51
 2,6-Dinitrotoluene
 Concen: 7.113 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039306.D
 Acq: 26 Jan 2019 11:03

Tgt Ion:165 Resp: 4585
 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): BG
 Ion 89.00 (88.70 to 89.70): BG





#57

2,4-Dinitrotoluene

Concen: 4.958 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.38 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

Instrument :

BNA_G

ClientSampleId :

PB116618BL

Tgt Ion:165 Resp: 4585

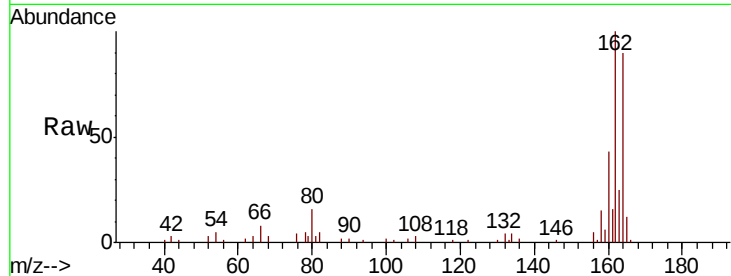
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#



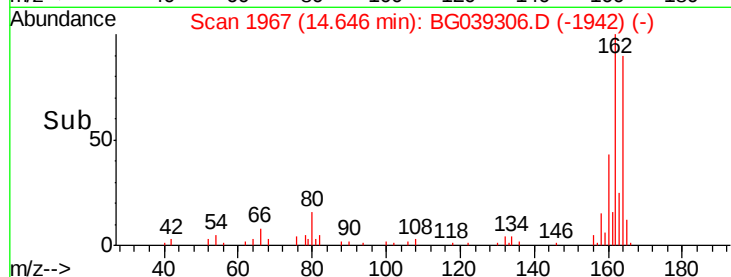
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

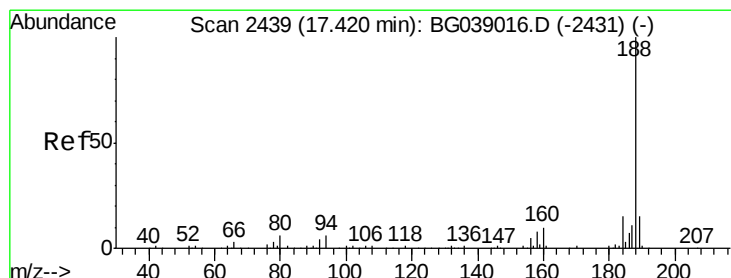
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039306.D

Acq: 26 Jan 2019 11:03

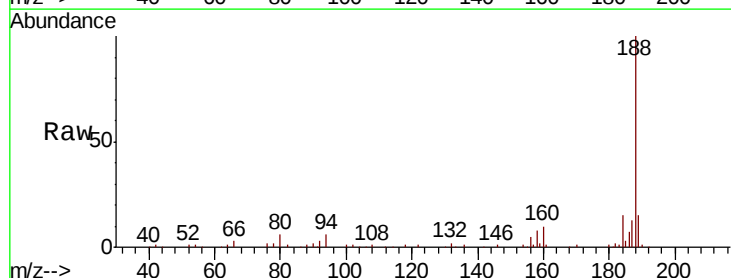
Tgt Ion:188 Resp: 99956

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

80 6.0 4.7 7.1

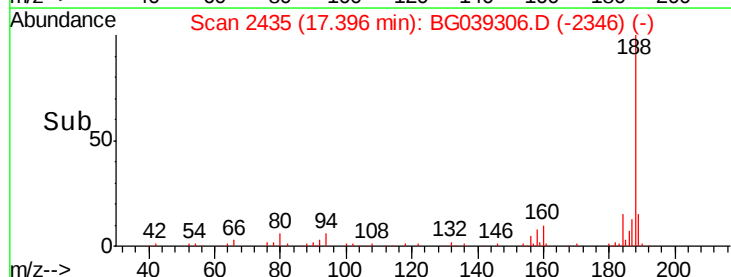


Abundance Ion 188.00 (187.70 to 188.70): E

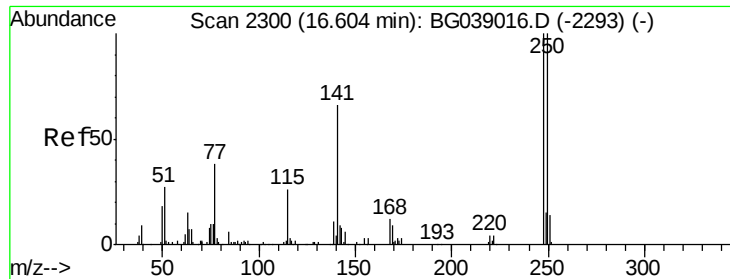
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



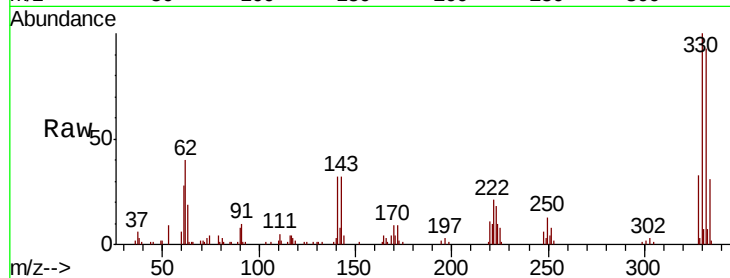
Time-->



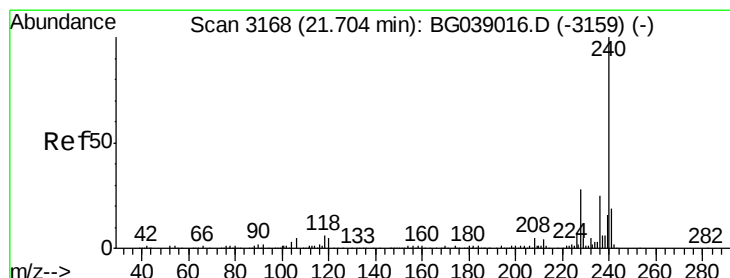
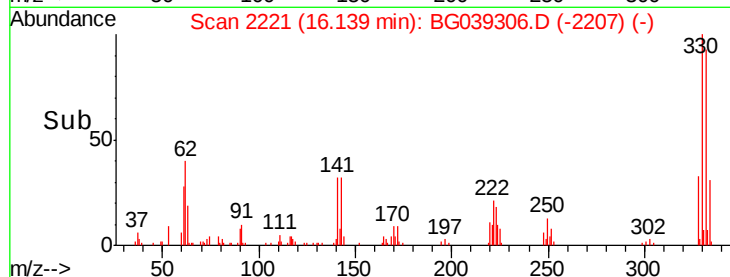
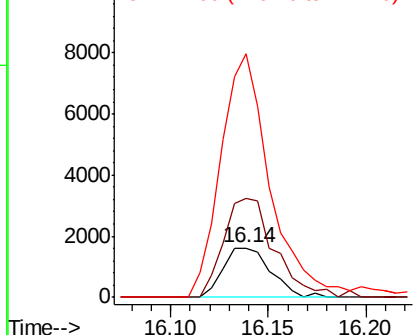
#67
 4-Bromophenyl-phenylether
 Concen: 2.136 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG039306.D
 Acq: 26 Jan 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BL

Tgt Ion:248 Resp: 2745
 Ion Ratio Lower Upper
 248 100
 250 178.2 79.9 119.9#
 141 338.0 52.7 79.1#

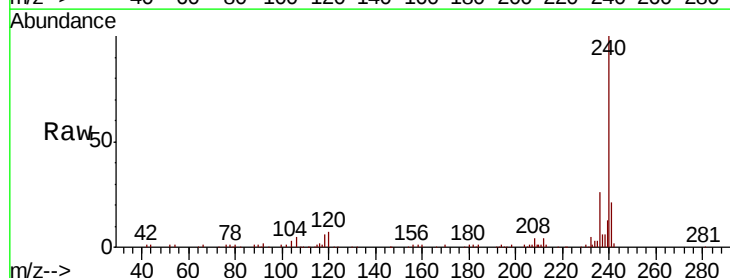


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

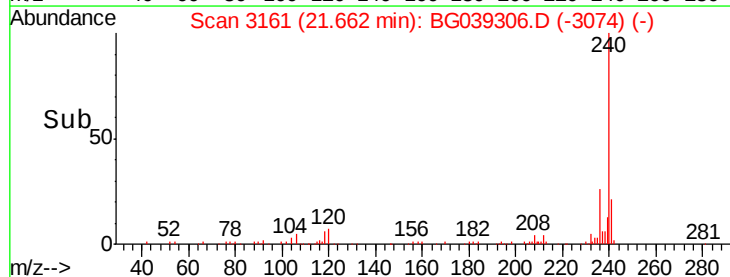
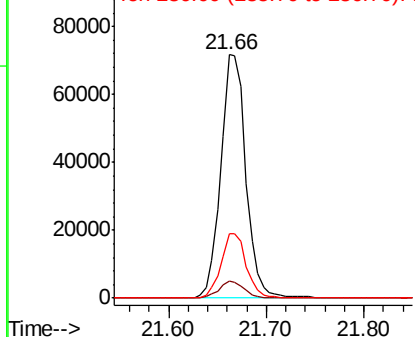


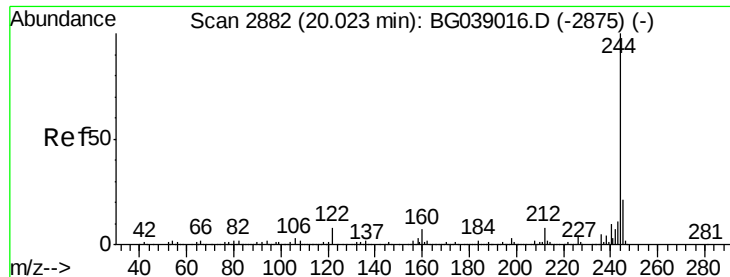
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.02 min
 Lab File: BG039306.D
 Acq: 26 Jan 2019 11:03

Tgt Ion:240 Resp: 127444
 Ion Ratio Lower Upper
 240 100
 120 6.9 4.3 6.5#
 236 26.4 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

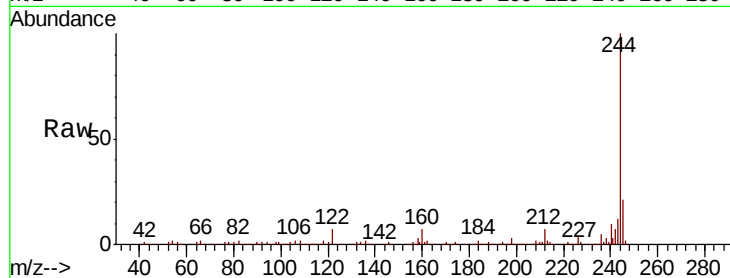




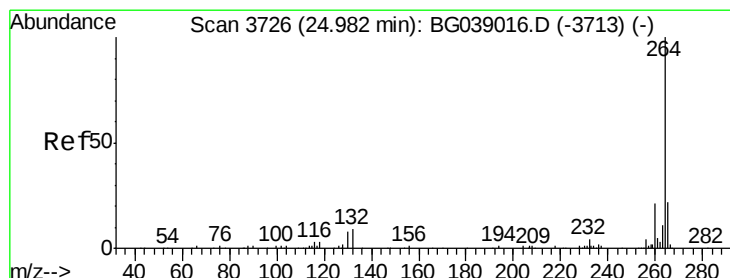
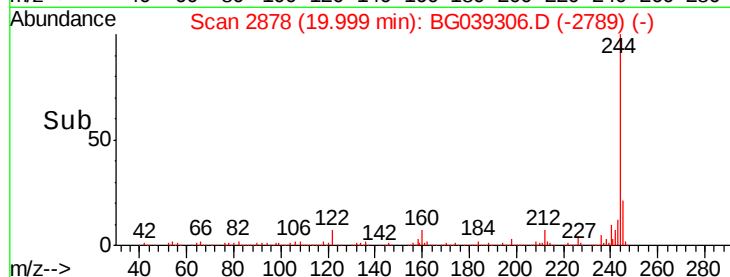
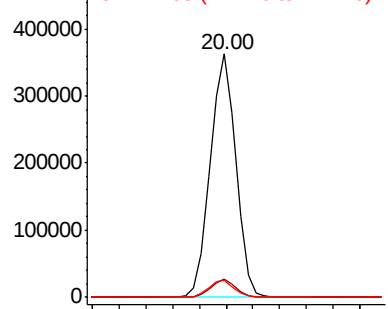
#79
 Terphenyl-d14
 Concen: 70.056 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG039306.D
 Acq: 26 Jan 2019 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB116618BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	7.3	6.1	9.1

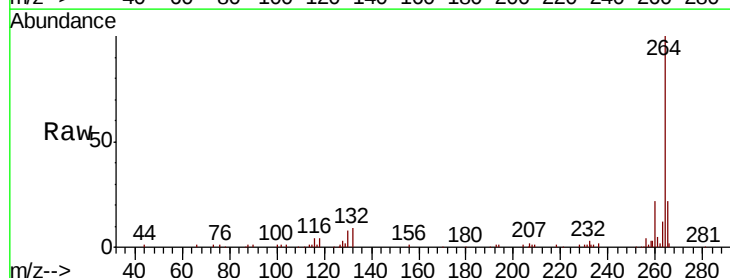


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.03 min
 Lab File: BG039306.D
 Acq: 26 Jan 2019 11:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.0	25.6
265	22.2	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

