

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012119\
 Data File : BG039241.D
 Acq On : 21 Jan 2019 19:59
 Operator : JU/SJ
 Sample : K1015-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-B

Quant Time: Jan 22 00:04:47 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

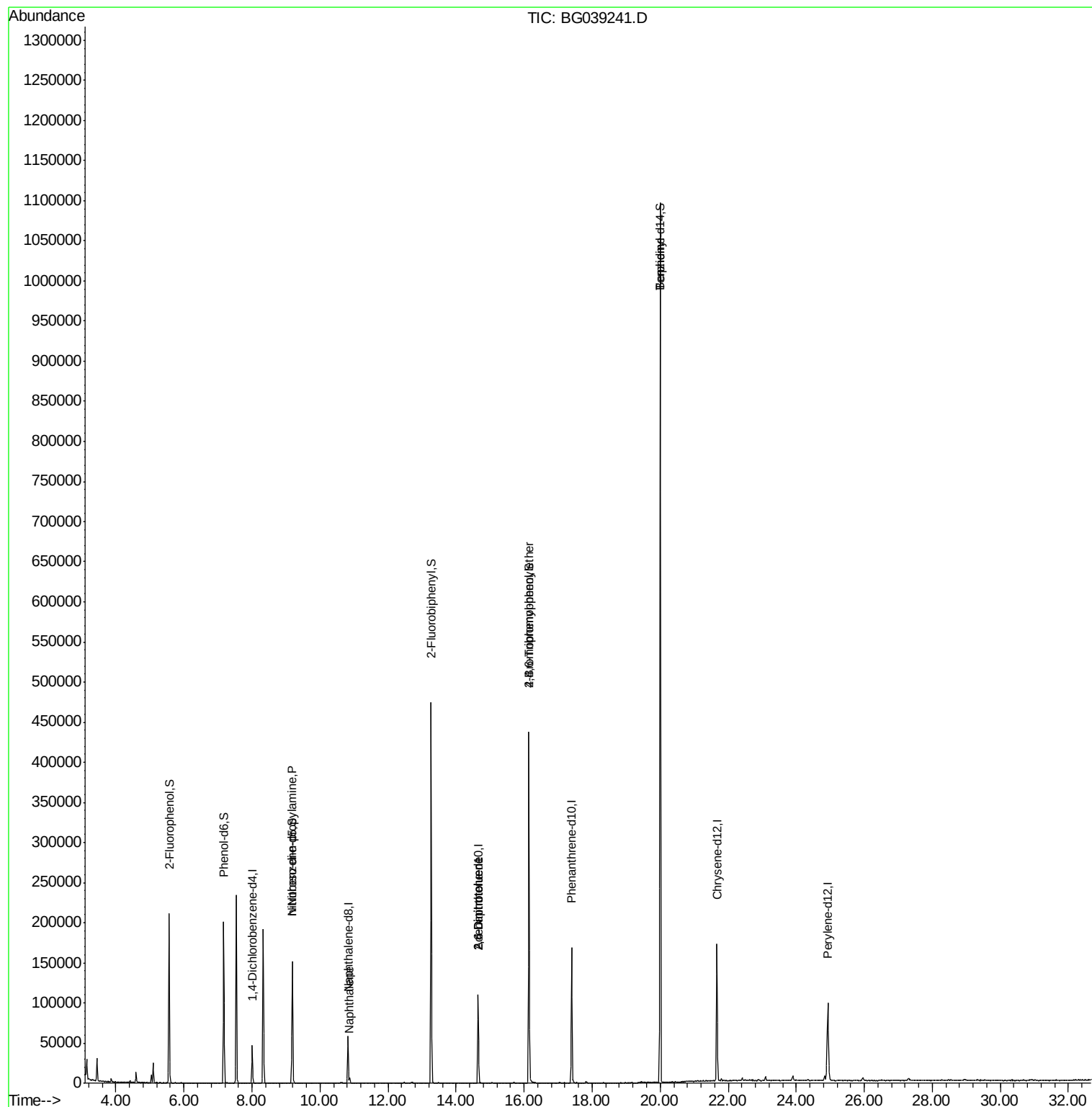
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14539	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	54848	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	42194	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	111471	20.00	ng	0.00
76) Chrysene-d12	21.67	240	118884	20.00	ng	-0.02
87) Perylene-d12	24.93	264	124392	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	92646	120.88	ng	0.00
7) Phenol-d6	7.17	99	116033	105.20	ng	0.00
23) Nitrobenzene-d5	9.19	82	92208	91.99	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	97891	138.40	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	269466	87.40	ng	0.00
79) Terphenyl-d14	20.00	244	554572	86.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	12209	16.856	ng	Qvalue 69
31) Naphthalene	10.87	128	6590	2.396	ng	99
51) 2,6-Dinitrotoluene	14.64	165	5745	7.207	ng	# 24
57) 2,4-Dinitrotoluene	14.64	165	5745	5.023	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	6380	4.452	ng	# 1
77) Benzidine	20.00	184	8801	2.420	ng	# 91

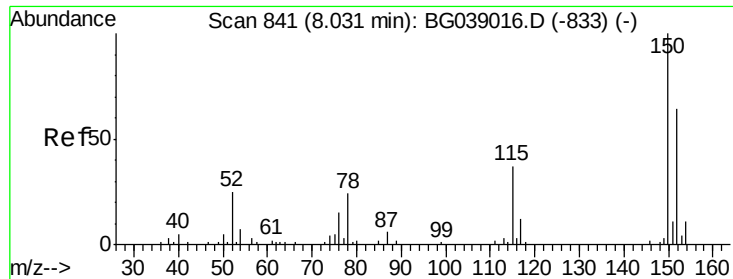
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration



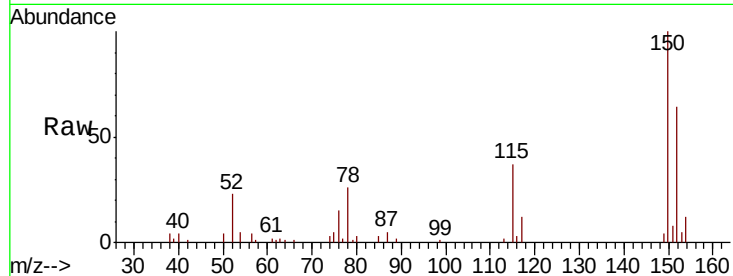


#1

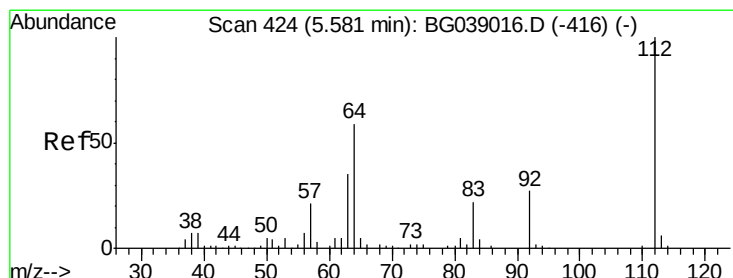
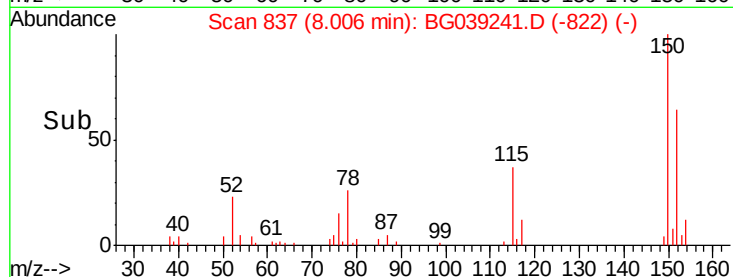
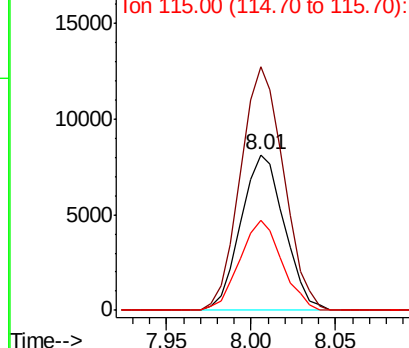
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:152 Resp: 14539
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 57.7 46.5 69.7



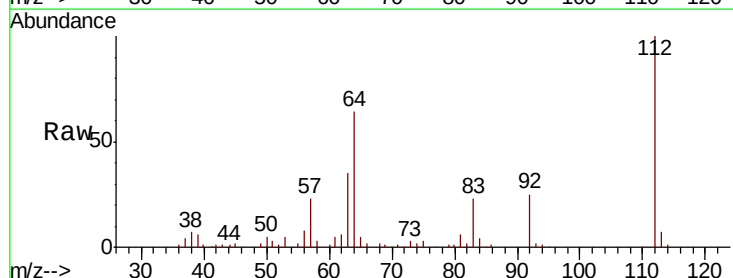
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



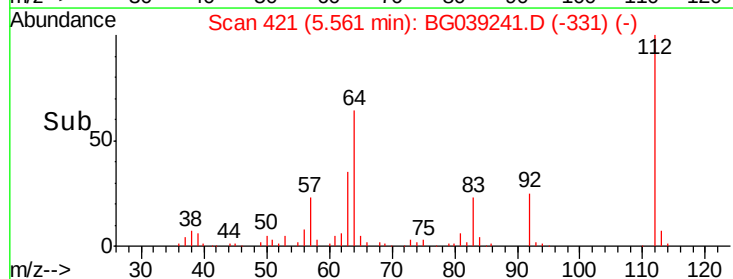
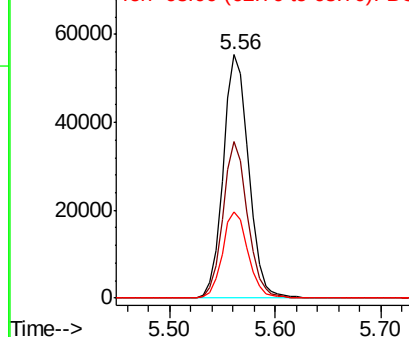
#5

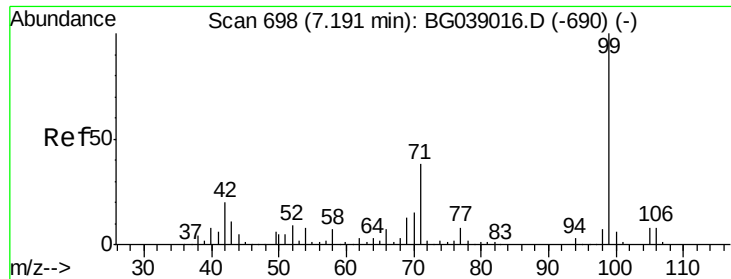
2-Fluorophenol
Concen: 120.880 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:112 Resp: 92646
Ion Ratio Lower Upper
112 100
64 64.1 47.0 70.6
63 35.1 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: 105.199 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-B

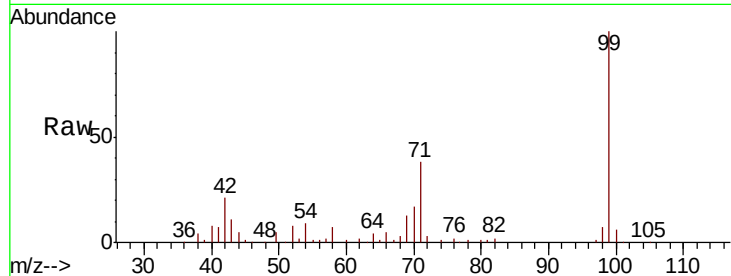
Tgt Ion: 99 Resp: 116033

Ion Ratio Lower Upper

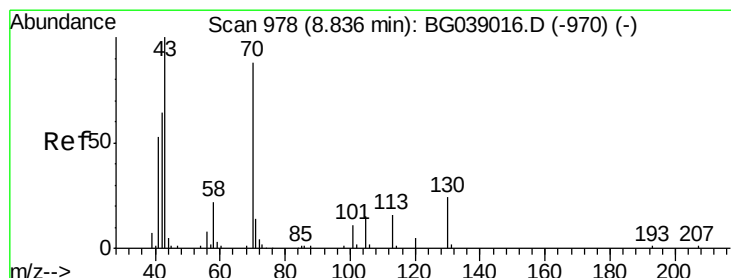
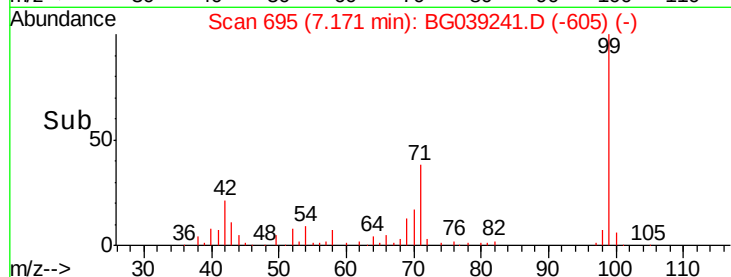
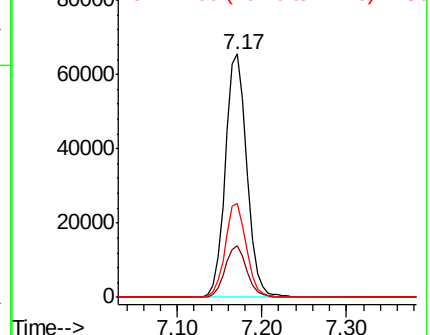
99 100

42 21.2 15.8 23.6

71 38.3 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: 16.856 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.37 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

Tgt Ion: 70 Resp: 12209

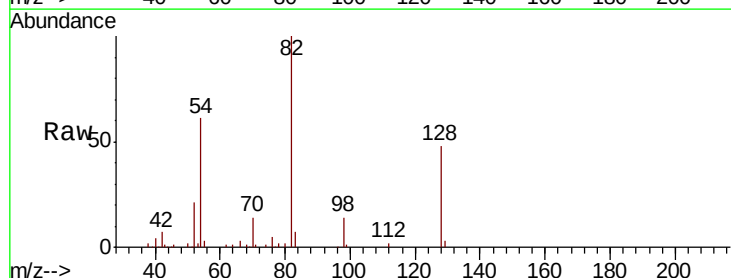
Ion Ratio Lower Upper

70 100

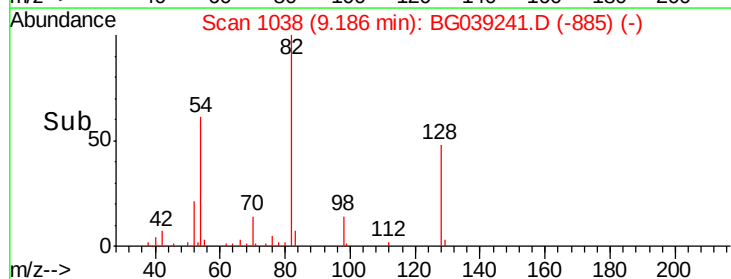
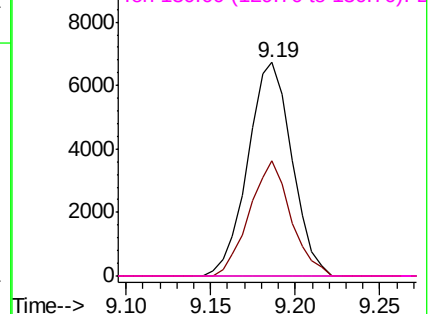
42 54.0 59.0 88.4#

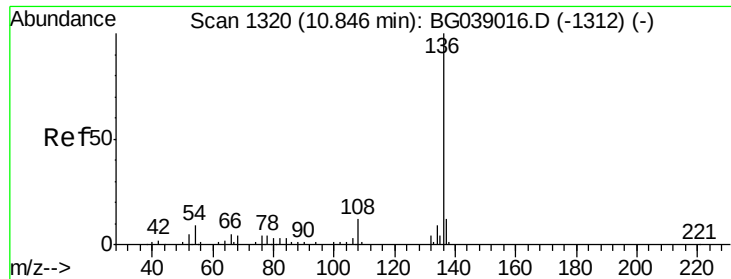
101 0.0 10.4 15.6#

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

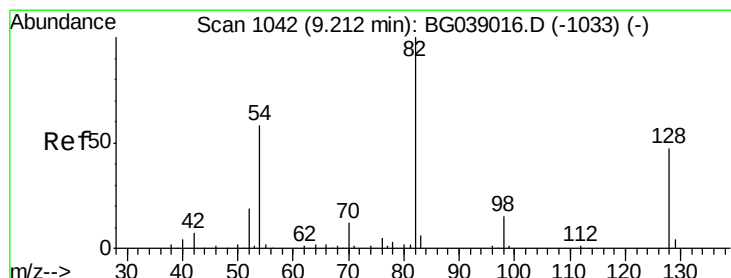
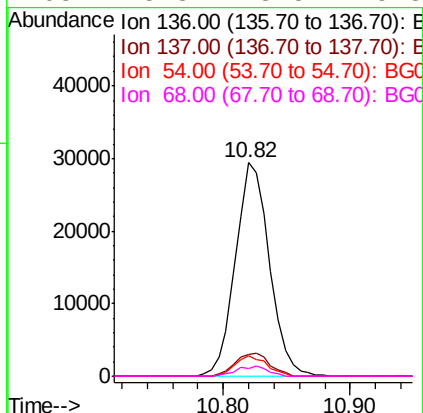
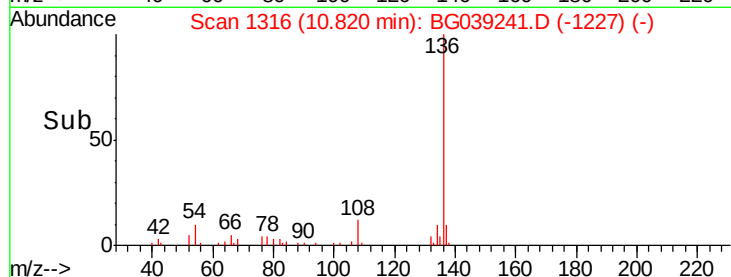
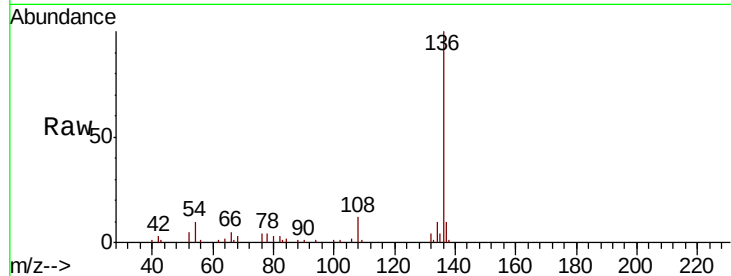




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

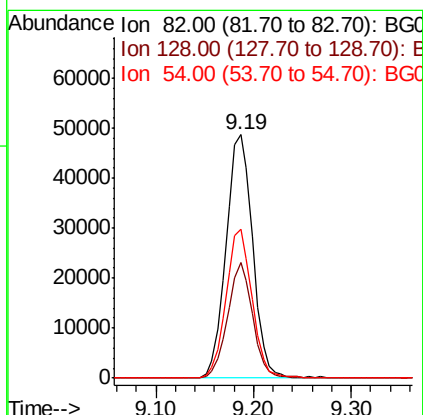
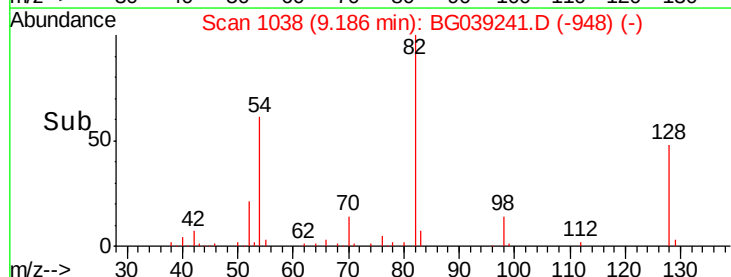
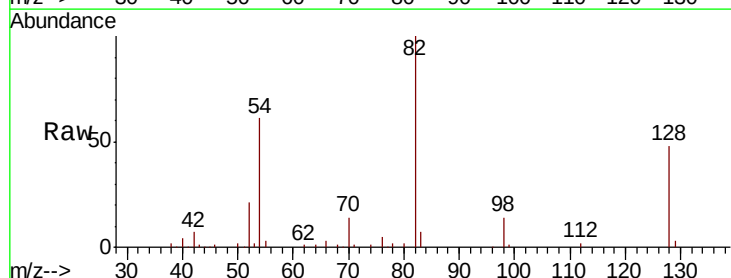
Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

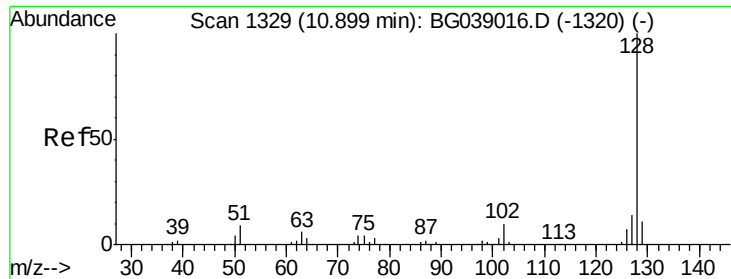
Tgt Ion:	136	Resp:	54848
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.2
54	9.8	7.2	10.8
68	3.3	3.5	5.3#



#23
Nitrobenzene-d5
Concen: 91.992 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:	82	Resp:	92208
Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.3	55.9
54	60.9	46.4	69.6

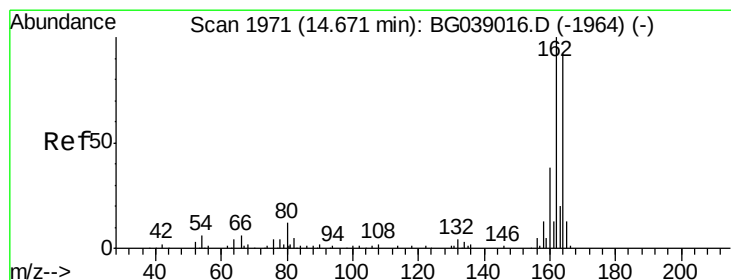
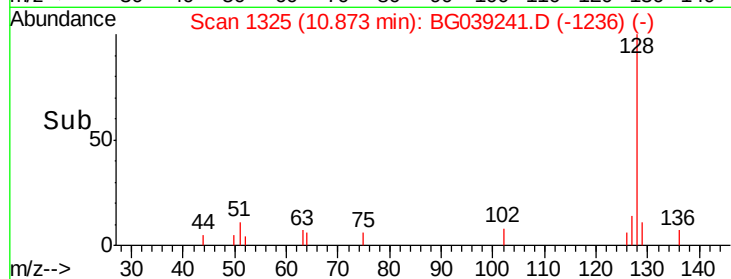
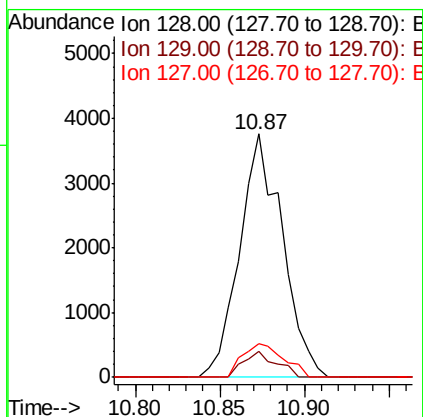
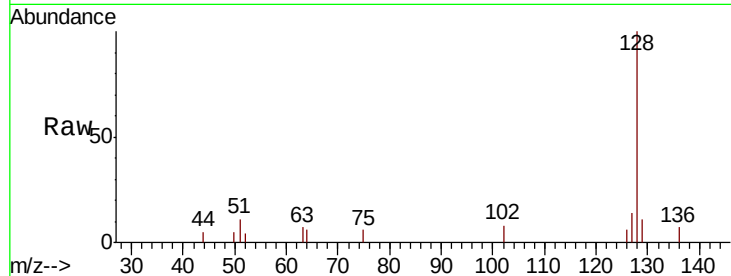




#31
Naphthalene
Concen: 2.396 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

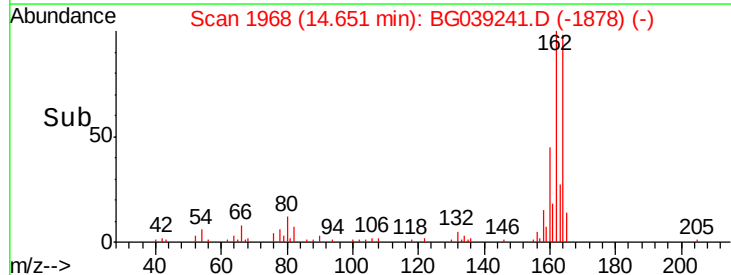
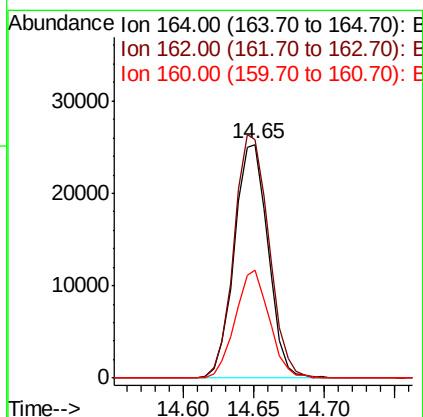
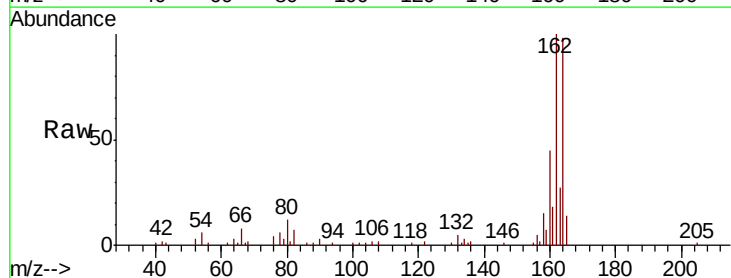
Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

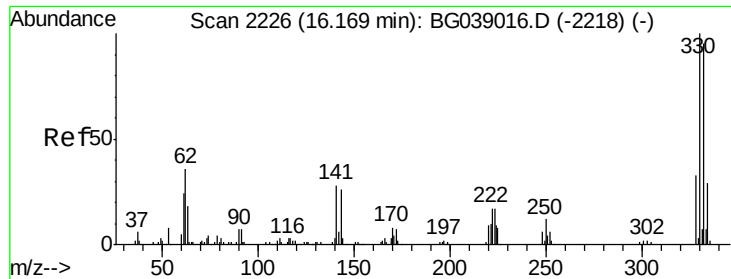
Tgt Ion:128 Resp: 6590
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.9 11.2 16.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:164 Resp: 42194
Ion Ratio Lower Upper
164 100
162 101.8 87.2 130.8
160 46.3 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 138.403 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-B

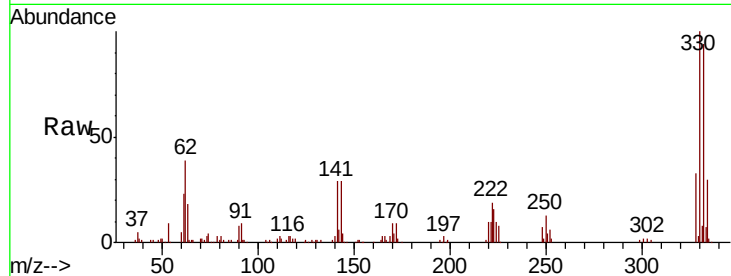
Tgt Ion:330 Resp: 97891

Ion Ratio Lower Upper

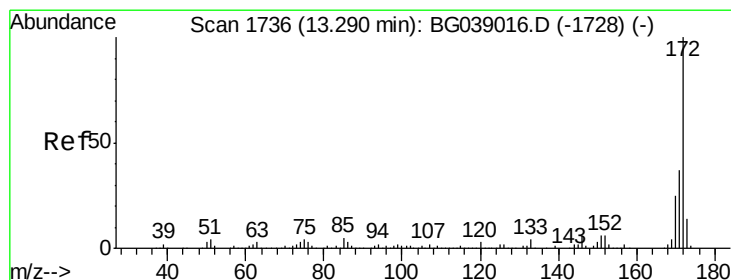
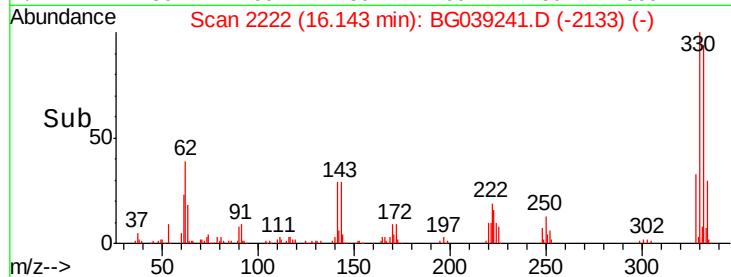
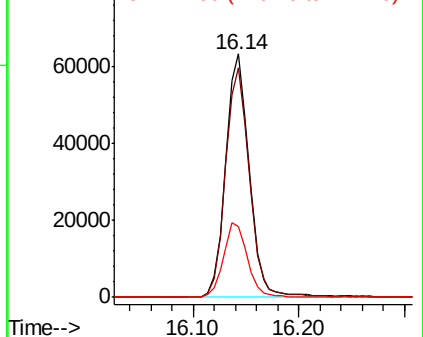
330 100

332 95.6 75.7 113.5

141 31.0 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: 87.401 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

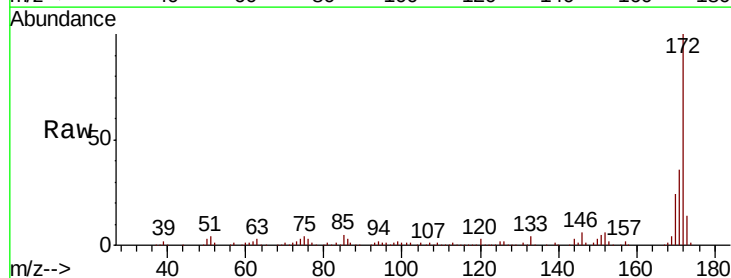
Tgt Ion:172 Resp: 269466

Ion Ratio Lower Upper

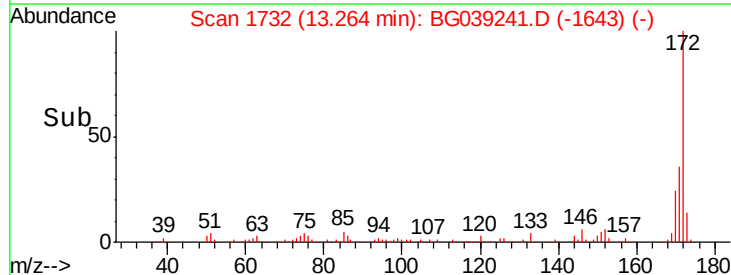
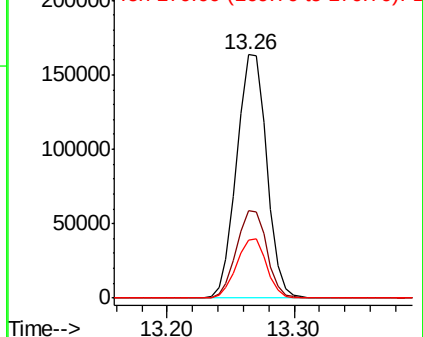
172 100

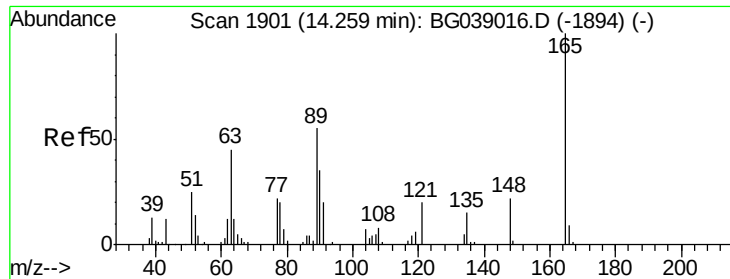
171 36.2 29.4 44.0

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

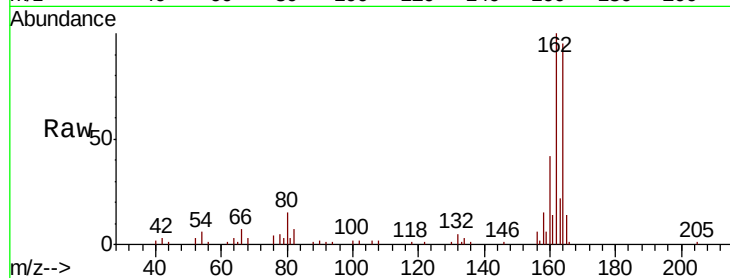




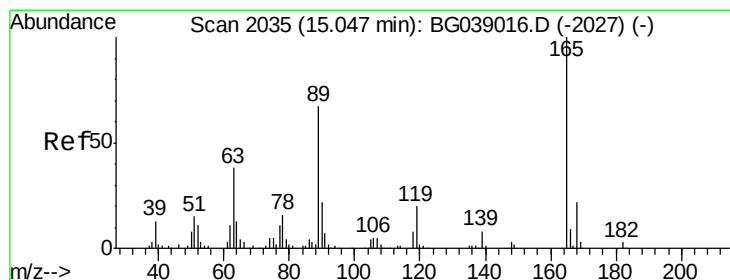
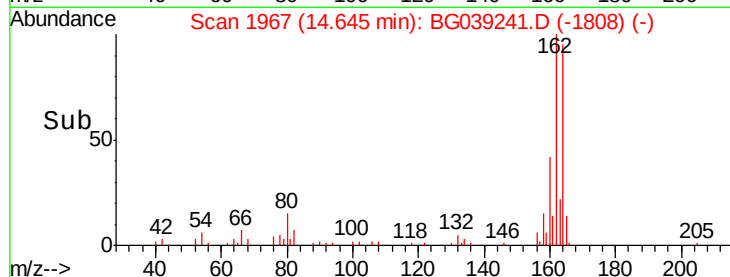
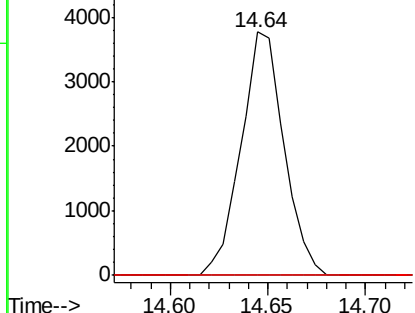
#51
 2,6-Dinitrotoluene
 Concen: 7.207 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039241.D
 Acq: 21 Jan 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-011719-B

Tgt Ion:165 Resp: 5745
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#



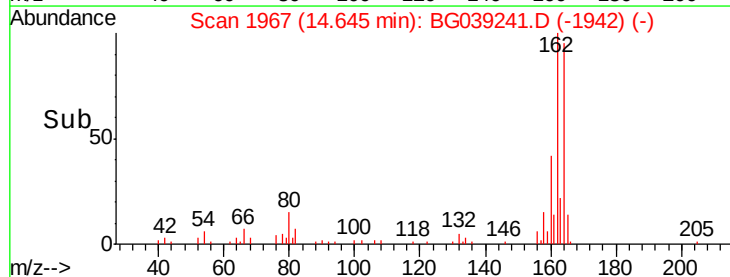
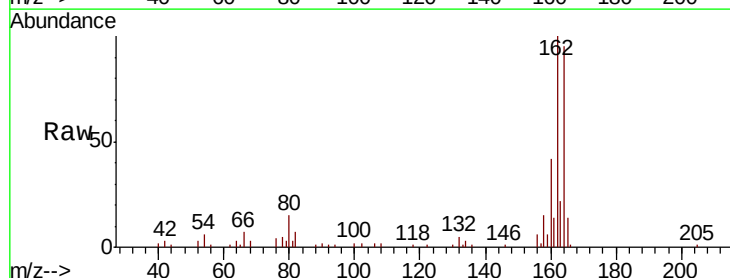
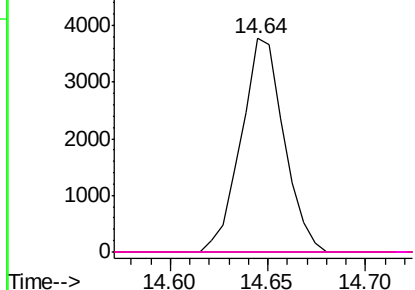
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

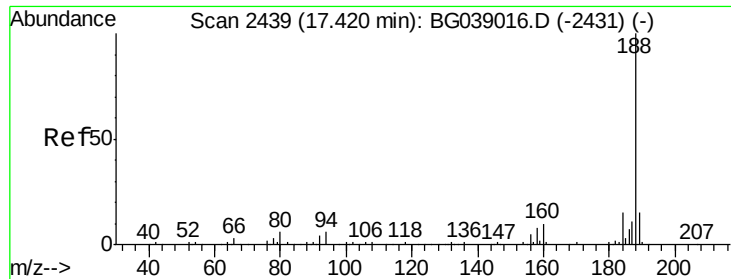


#57
 2,4-Dinitrotoluene
 Concen: 5.023 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.39 min
 Lab File: BG039241.D
 Acq: 21 Jan 2019 19:59

Tgt Ion:165 Resp: 5745
 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): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

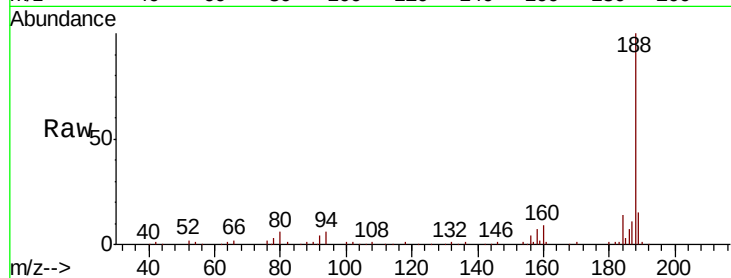




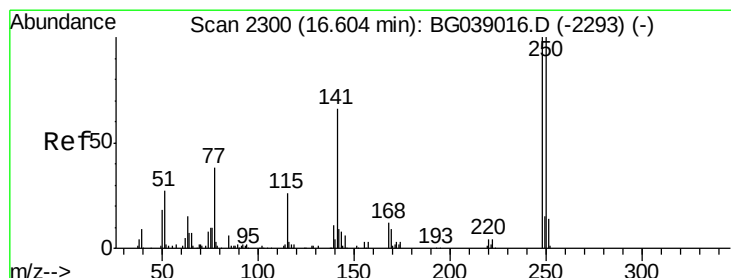
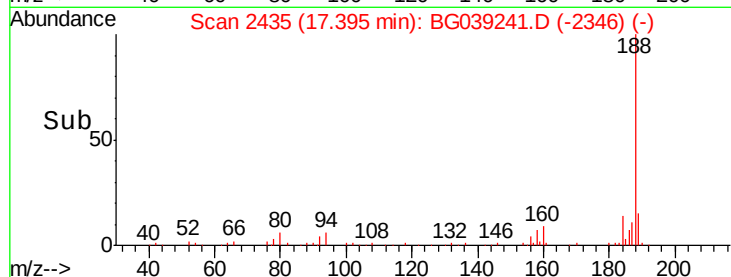
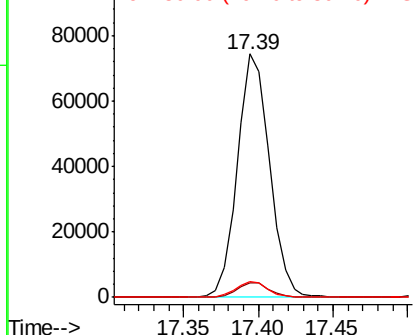
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-B

Tgt Ion:188 Resp: 111471
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.4
80 6.4 4.7 7.1

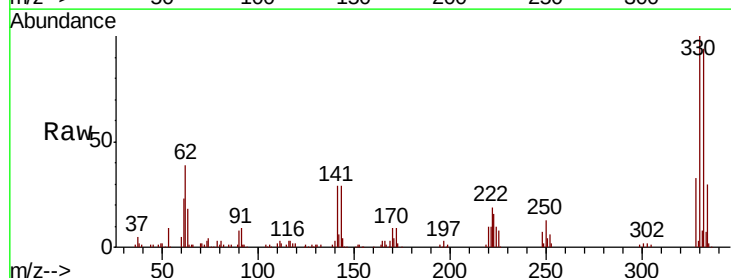


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

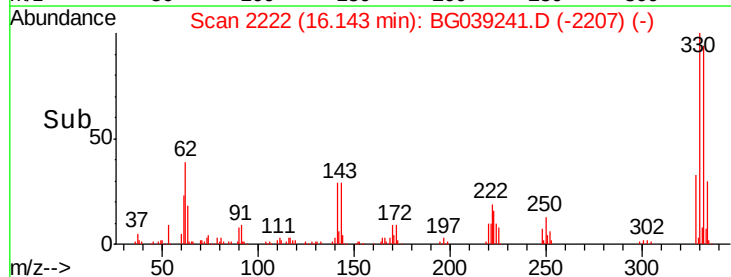
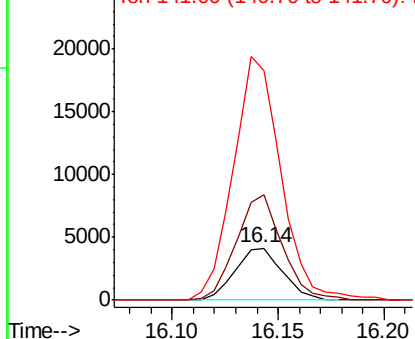


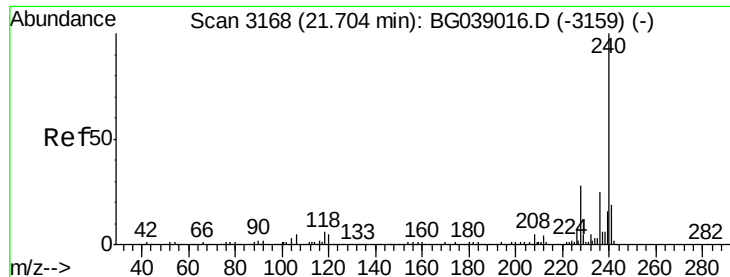
#67
4-Bromophenyl-phenylether
Concen: 4.452 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.44 min
Lab File: BG039241.D
Acq: 21 Jan 2019 19:59

Tgt Ion:248 Resp: 6380
Ion Ratio Lower Upper
248 100
250 197.6 79.9 119.9#
141 335.3 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: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-B

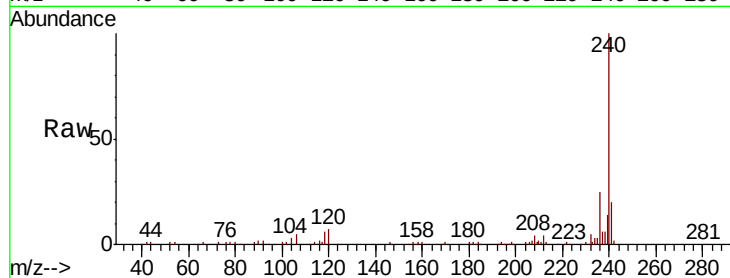
Tgt Ion:240 Resp: 118884

Ion Ratio Lower Upper

240 100

120 6.9 4.3 6.5#

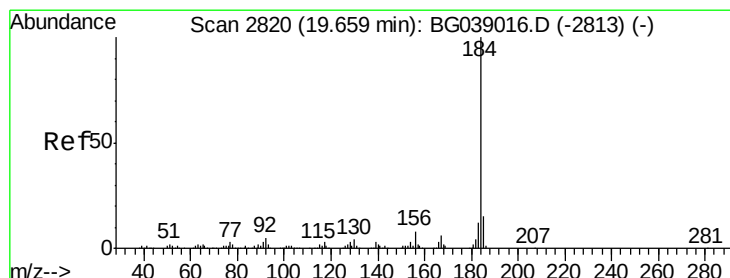
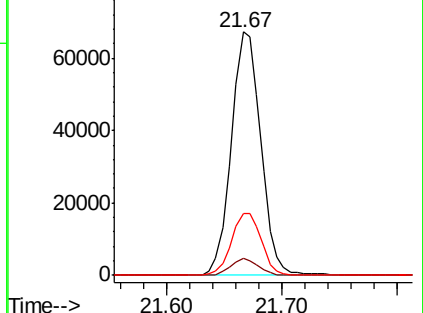
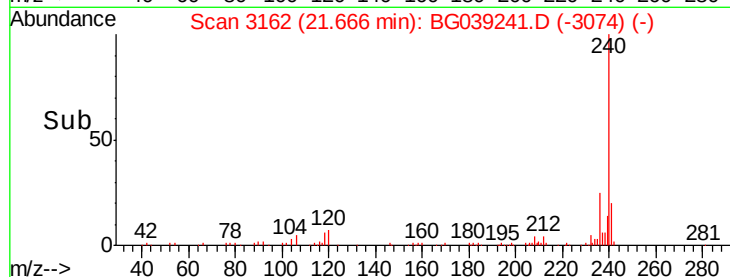
236 25.4 20.1 30.1



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



#77

Benzidine

Concen: 2.420 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.36 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

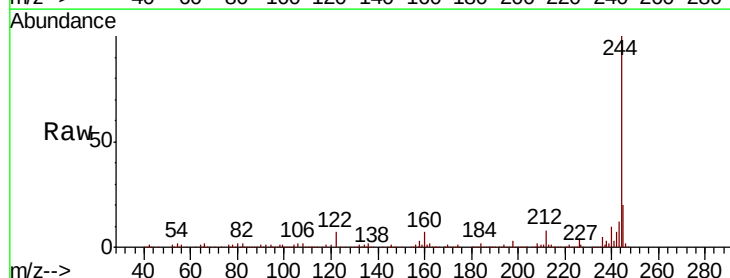
Tgt Ion:184 Resp: 8801

Ion Ratio Lower Upper

184 100

185 20.7 12.1 18.1#

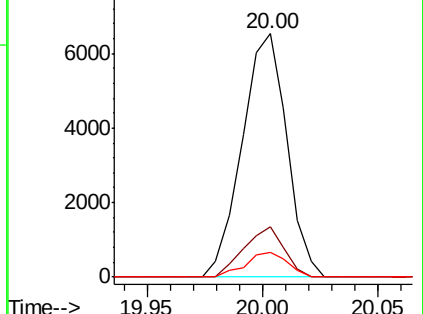
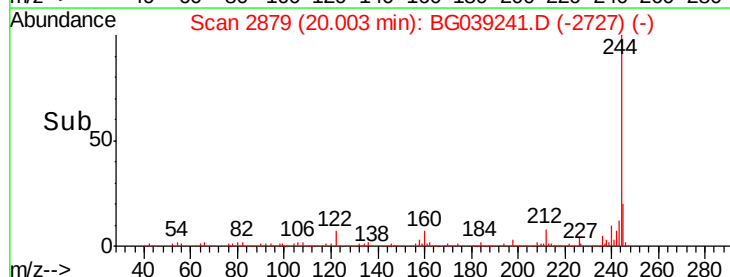
183 10.3 9.5 14.3

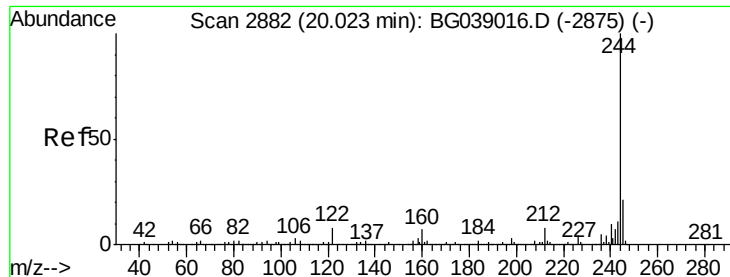


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 86.294 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

Instrument :

BNA_G

ClientSampleId :

SU-01-011719-B

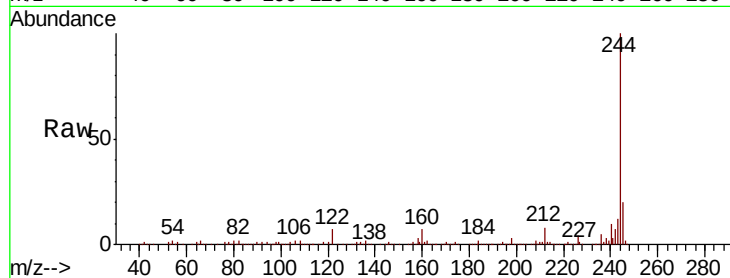
Tgt Ion:244 Resp: 554572

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

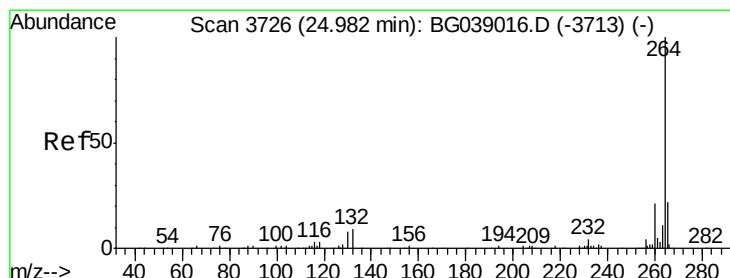
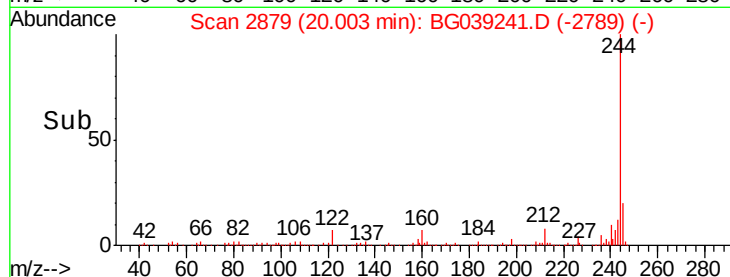
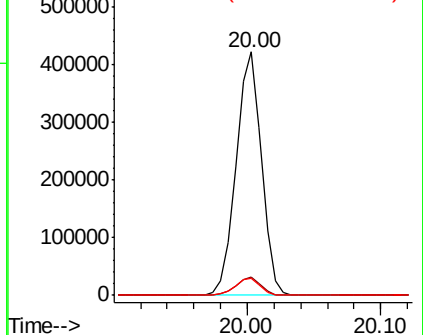
122 6.9 6.1 9.1



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# 3717

Delta R.T. -0.02 min

Lab File: BG039241.D

Acq: 21 Jan 2019 19:59

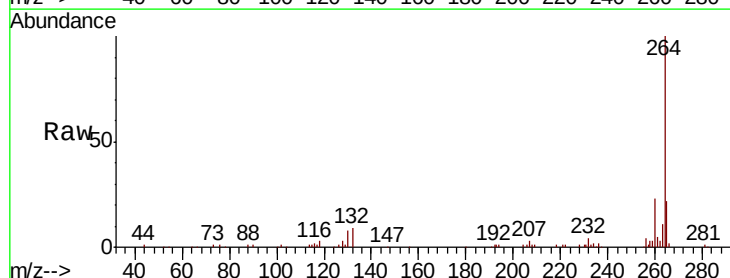
Tgt Ion:264 Resp: 124392

Ion Ratio Lower Upper

264 100

260 23.3 17.0 25.6

265 21.9 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

