

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
 Data File : BG039285.D
 Acq On : 25 Jan 2019 19:21
 Operator : JU/SJ
 Sample : K1016-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-RO-2-012319

Quant Time: Jan 28 03:14:27 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

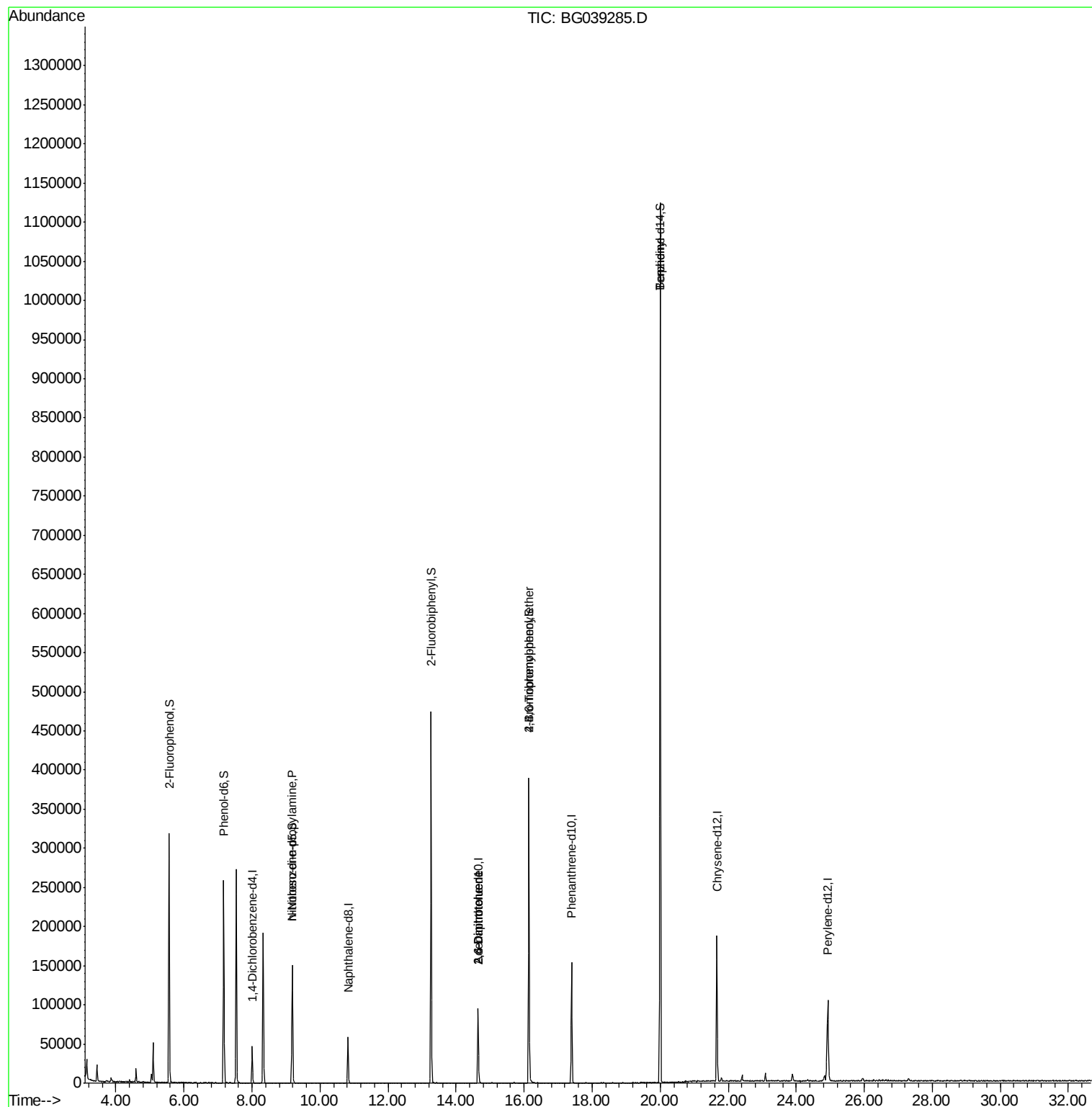
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	14186	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	54346	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	37127	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	102166	20.00	ng	0.00
76) Chrysene-d12	21.67	240	120761	20.00	ng	-0.02
87) Perylene-d12	24.93	264	128249	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	144441	193.15	ng	0.00
7) Phenol-d6	7.17	99	157748	146.58	ng	0.00
23) Nitrobenzene-d5	9.18	82	89838	90.46	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	91268	146.65	ng	-0.02
45) 2-Fluorobiphenyl	13.26	172	256737	94.64	ng	0.00
79) Terphenyl-d14	20.00	244	580652	88.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	11916	16.861	ng	# 66
51) 2,6-Dinitrotoluene	14.65	165	4730	6.743	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	4730	4.700	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	5765	4.390	ng	# 1
77) Benzidine	20.00	184	9472	2.564	ng	# 92

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

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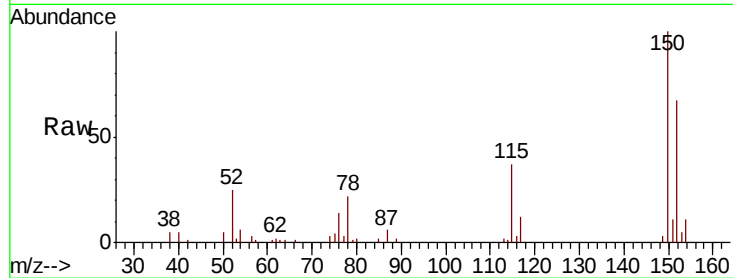


#1

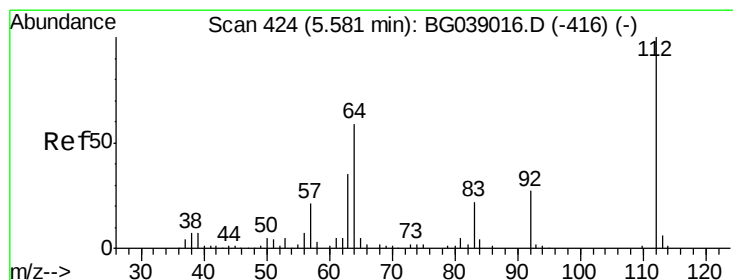
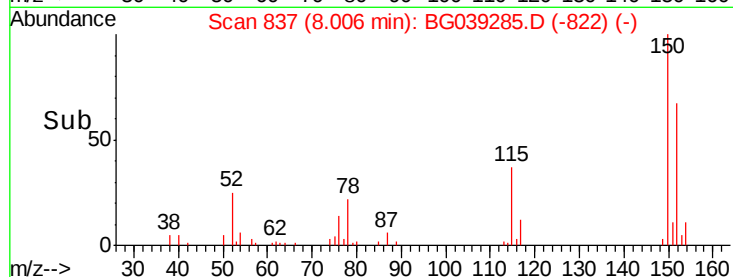
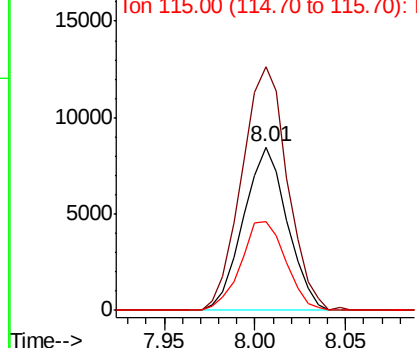
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG039285.D
Acq: 25 Jan 2019 19:21

Instrument :
BNA_G
ClientSampleId :
TR-05-RO-2-012319

Tgt Ion:152 Resp: 14186
Ion Ratio Lower Upper
152 100
150 149.3 124.7 187.1
115 54.7 46.5 69.7



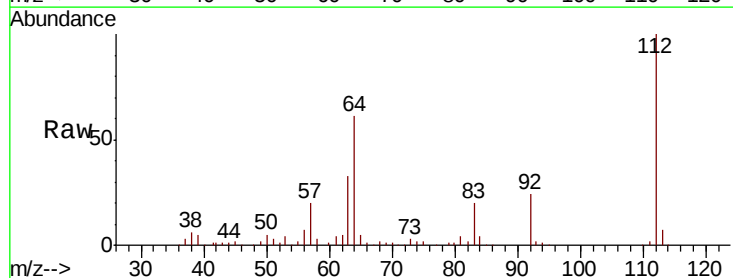
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



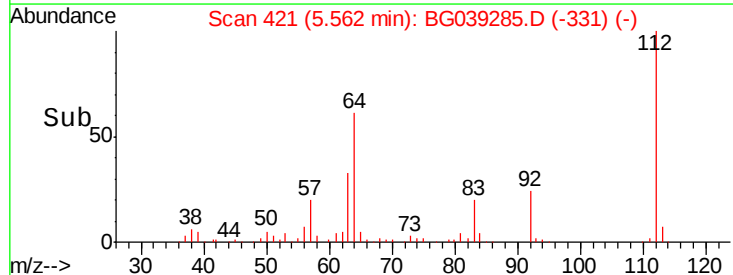
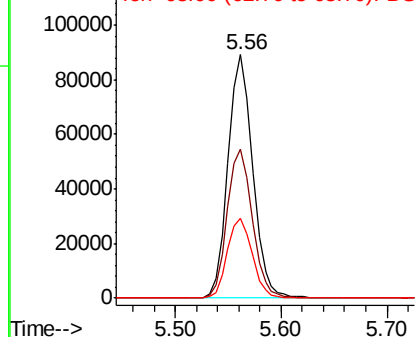
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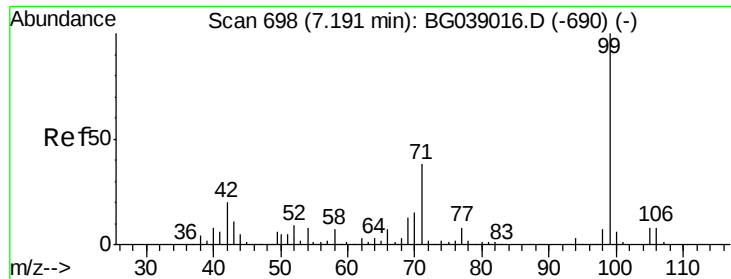
2-Fluorophenol
Concen: 193.150 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG039285.D
Acq: 25 Jan 2019 19:21

Tgt Ion:112 Resp: 144441
Ion Ratio Lower Upper
112 100
64 61.2 47.0 70.6
63 32.8 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: 146.577 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039285.D

Acq: 25 Jan 2019 19:21

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-2-012319

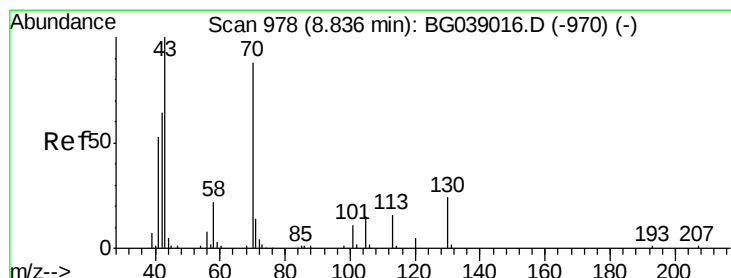
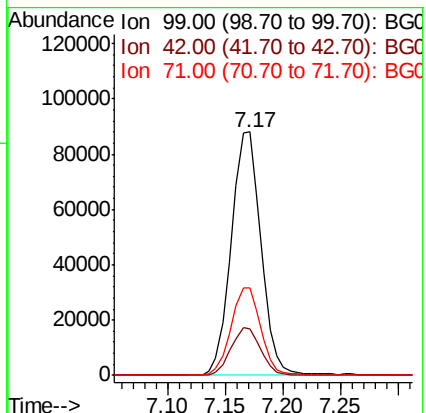
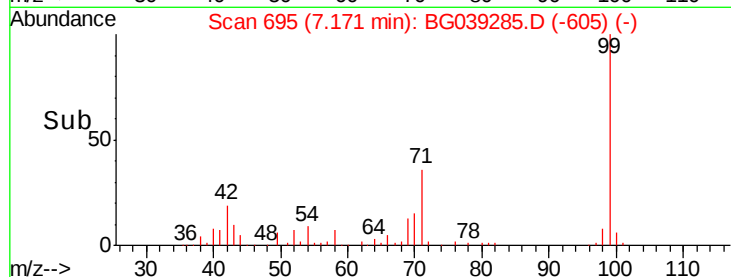
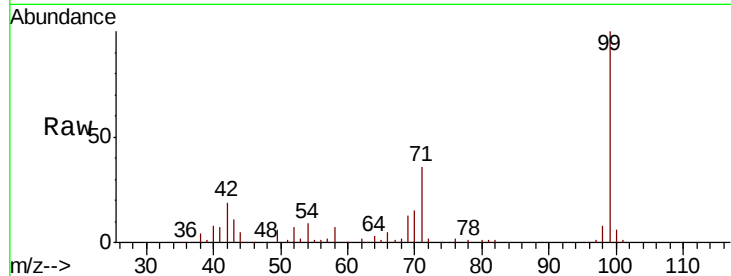
Tgt Ion: 99 Resp: 157748

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

71 35.9 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.861 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.37 min

Lab File: BG039285.D

Acq: 25 Jan 2019 19:21

Tgt Ion: 70 Resp: 11916

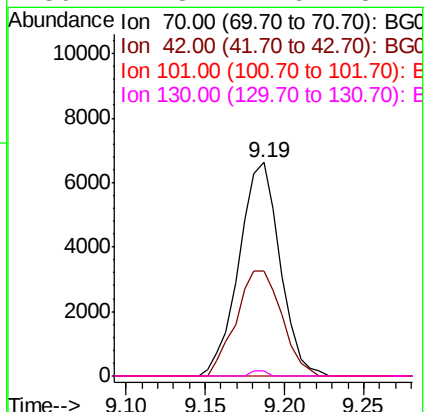
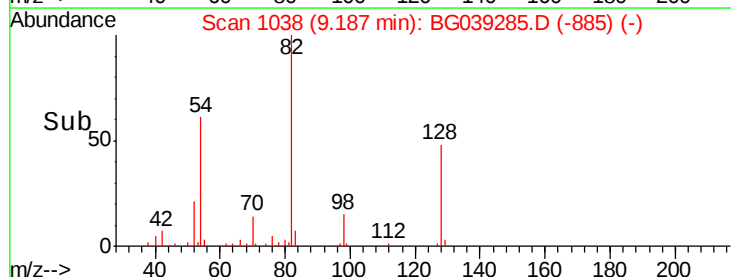
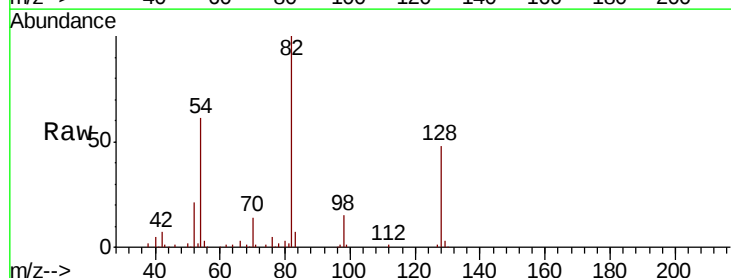
Ion Ratio Lower Upper

70 100

42 49.1 59.0 88.4#

101 0.0 10.4 15.6#

130 2.3 21.6 32.4#

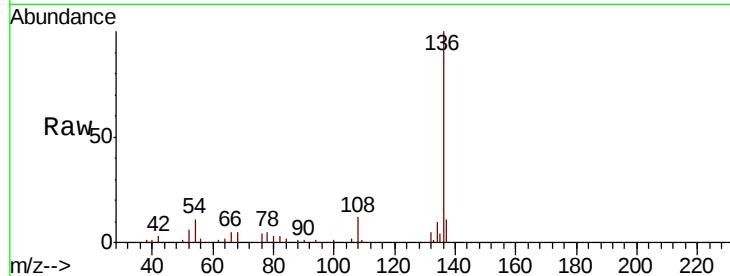




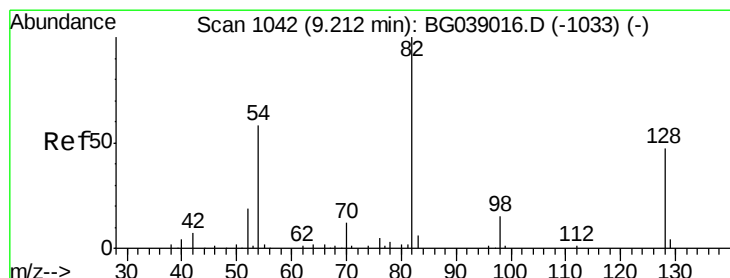
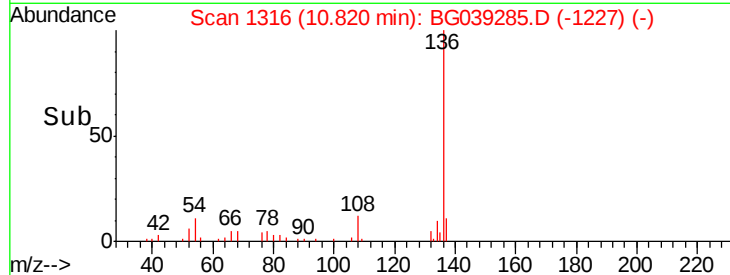
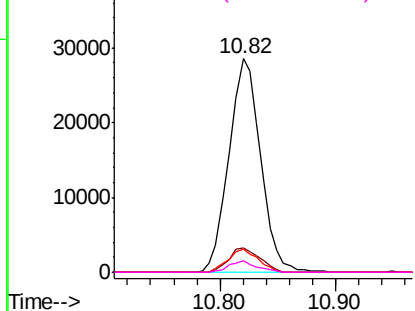
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039285.D
Acq: 25 Jan 2019 19:21

Instrument :
BNA_G
ClientSampleId :
TR-05-RO-2-012319

Tgt Ion:	136	Resp:	54346
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	10.8	7.2	10.8
68	5.2	3.5	5.3

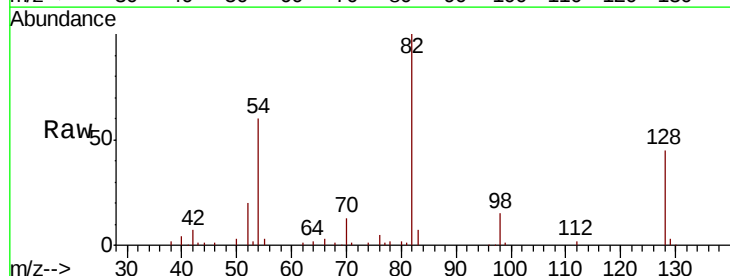


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

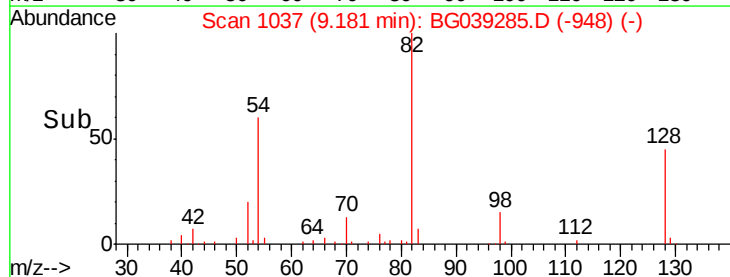
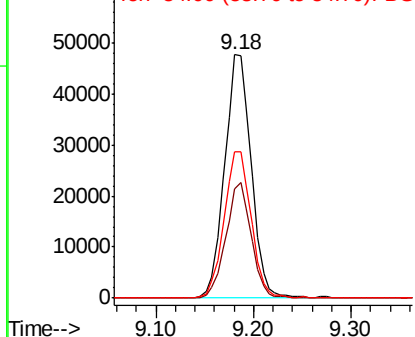


#23
Nitrobenzene-d5
Concen: 90.455 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039285.D
Acq: 25 Jan 2019 19:21

Tgt Ion:	82	Resp:	89838
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.3	55.9
54	60.0	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: BG039285.D

Acq: 25 Jan 2019 19:21

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-2-012319

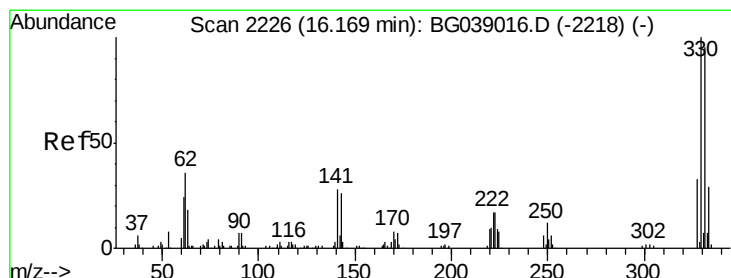
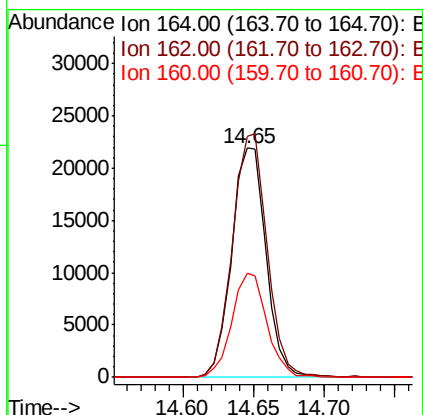
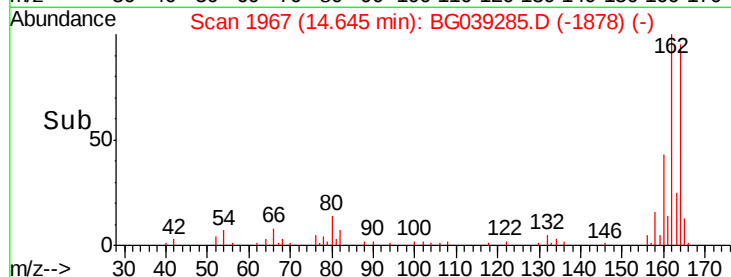
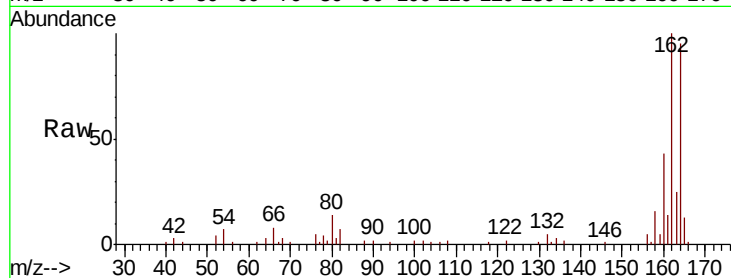
Tgt Ion:164 Resp: 37127

Ion Ratio Lower Upper

164 100

162 105.1 87.2 130.8

160 45.2 33.3 49.9



#42

2,4,6-Tribromophenol

Concen: 146.650 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BG039285.D

Acq: 25 Jan 2019 19:21

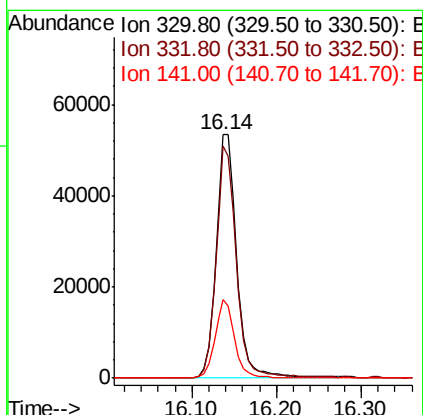
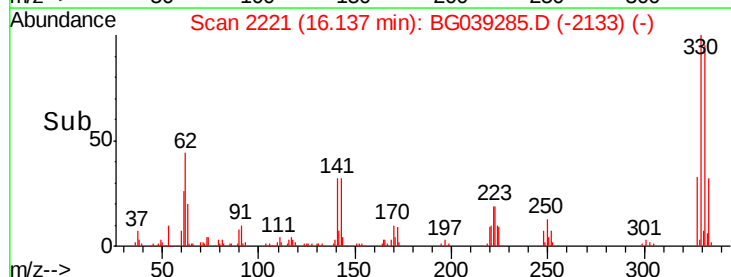
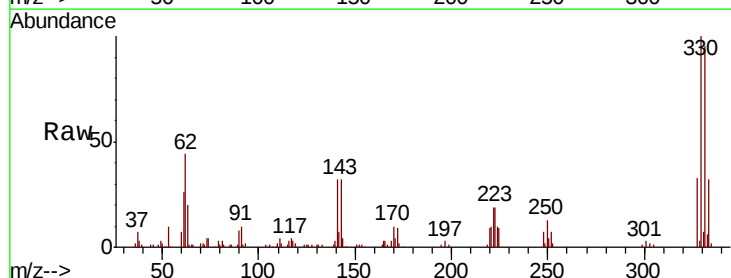
Tgt Ion:330 Resp: 91268

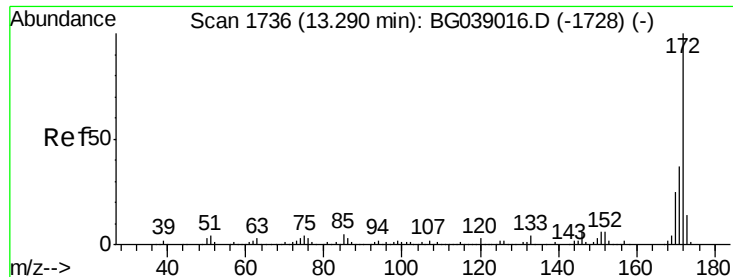
Ion Ratio Lower Upper

330 100

332 93.3 75.7 113.5

141 30.7 24.9 37.3

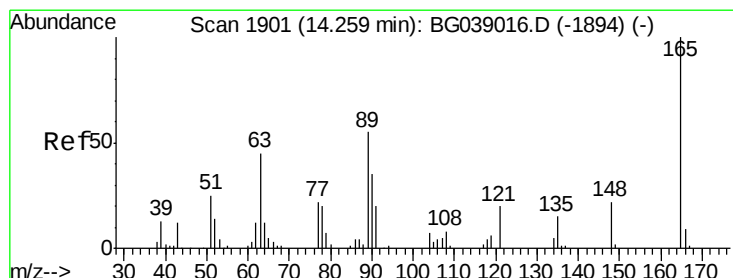
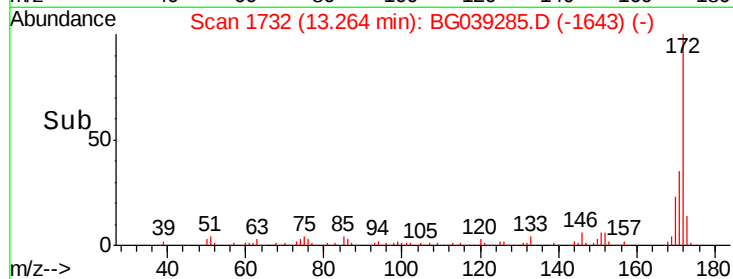
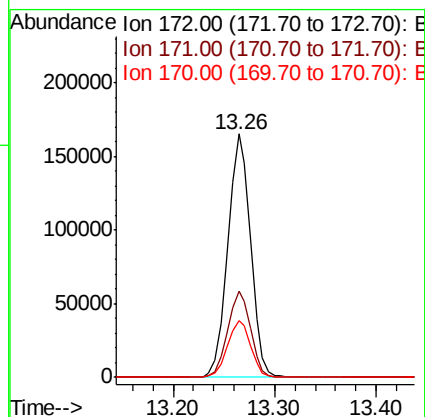
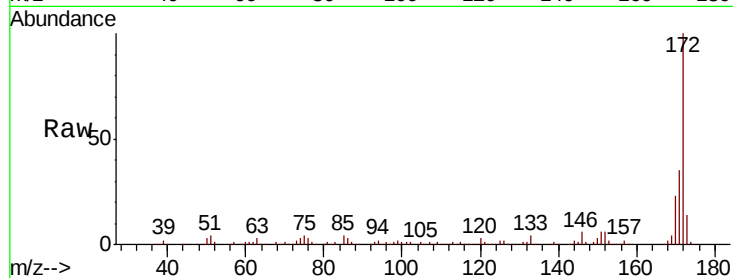




#45
 2-Fluorobiphenyl
 Concen: 94.638 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039285.D
 Acq: 25 Jan 2019 19:21

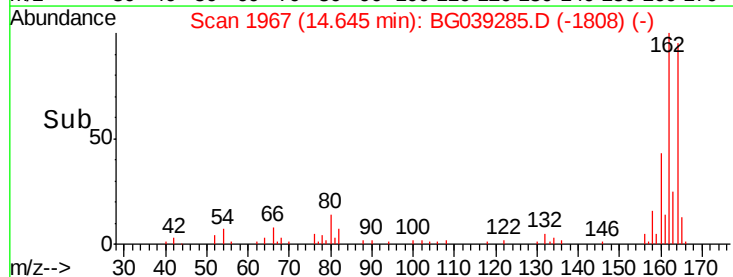
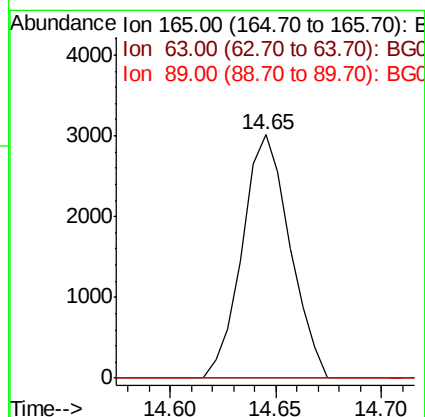
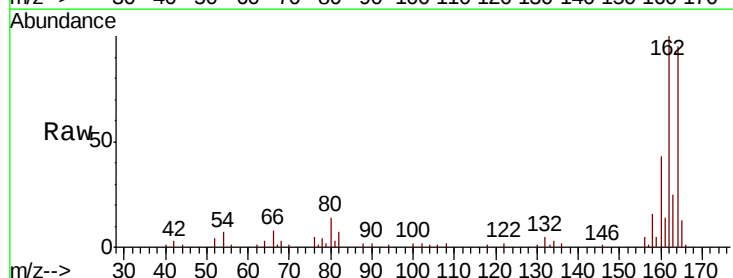
Instrument :
 BNA_G
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 TR-05-RO-2-012319

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.3	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.743 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039285.D
 Acq: 25 Jan 2019 19:21

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

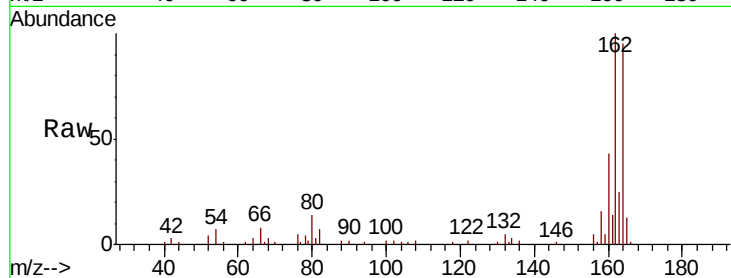




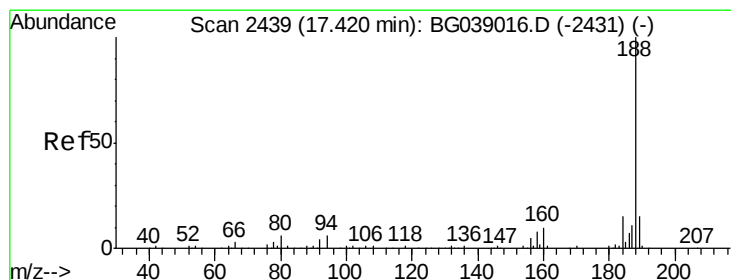
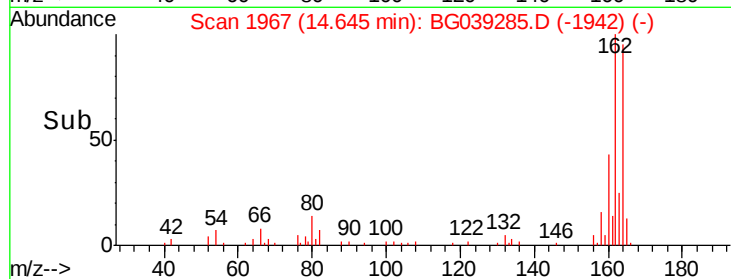
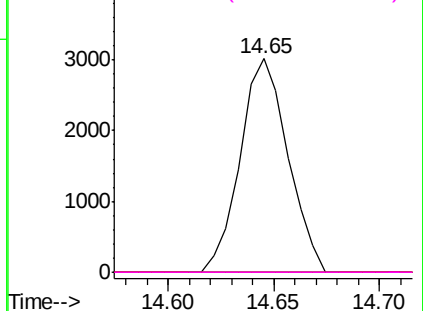
#57
 2,4-Dinitrotoluene
 Concen: 4.700 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.39 min
 Lab File: BG039285.D
 Acq: 25 Jan 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-RO-2-012319

Tgt Ion:165 Resp: 4730
 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#

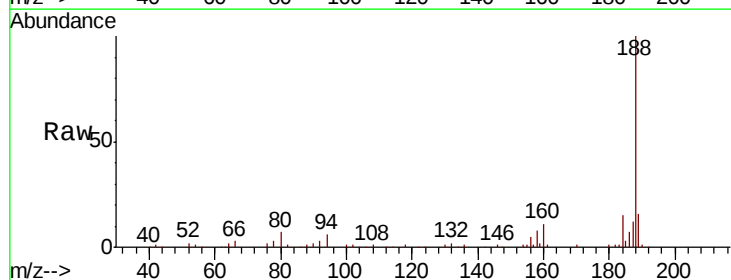


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

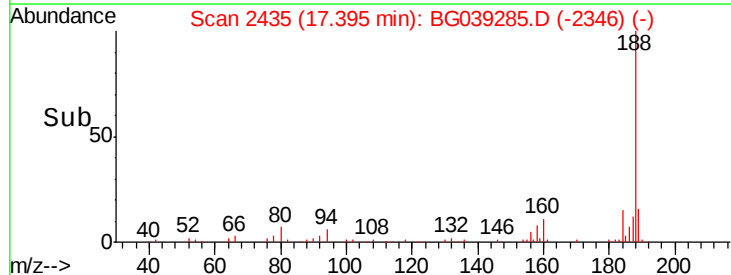
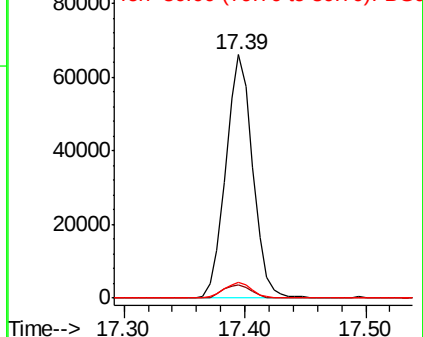


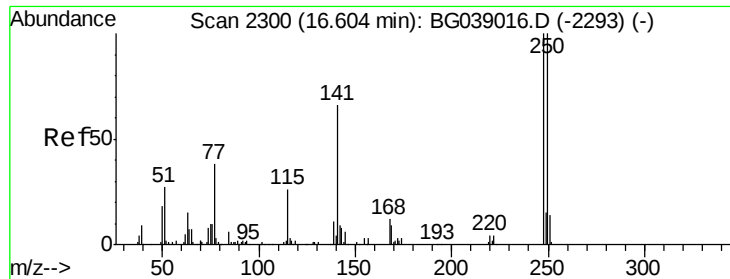
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG039285.D
 Acq: 25 Jan 2019 19:21

Tgt Ion:188 Resp: 102166
 Ion Ratio Lower Upper
 188 100
 94 5.6 5.0 7.4
 80 6.6 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

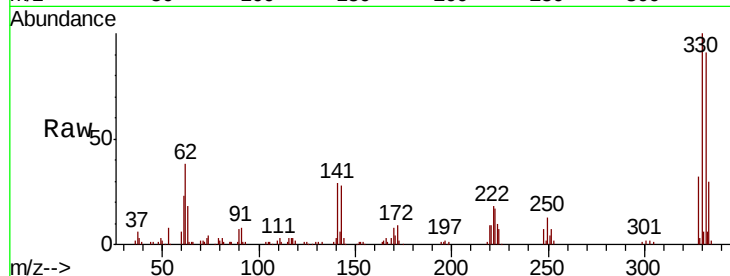




#67
 4-Bromophenyl-phenylether
 Concen: 4.390 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.44 min
 Lab File: BG039285.D
 Acq: 25 Jan 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-RO-2-012319

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.6	79.9	119.9#
141	336.7	52.7	79.1#

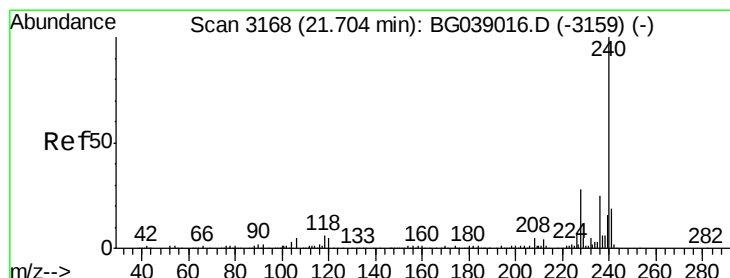
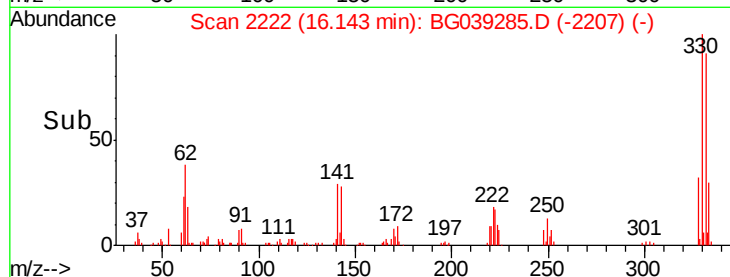
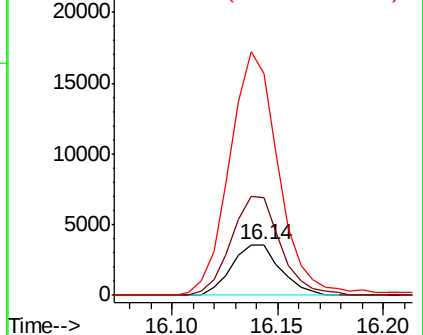


Abundance

Ion 248.00 (247.70 to 248.70): E

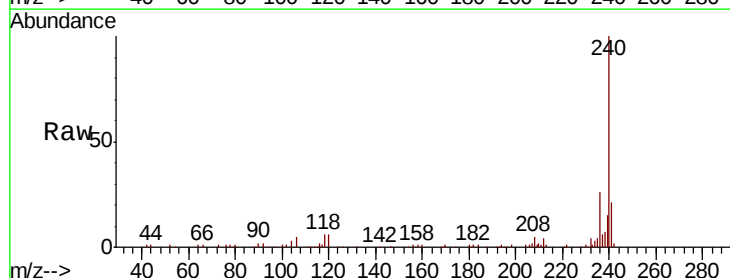
Ion 250.00 (249.70 to 250.70): E

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: BG039285.D
 Acq: 25 Jan 2019 19:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.3	6.5
236	26.0	20.1	30.1

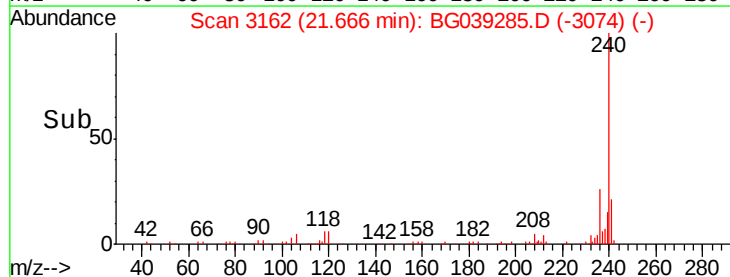
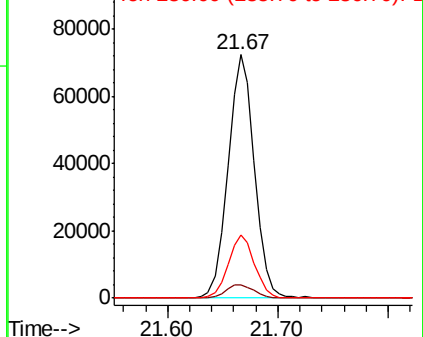


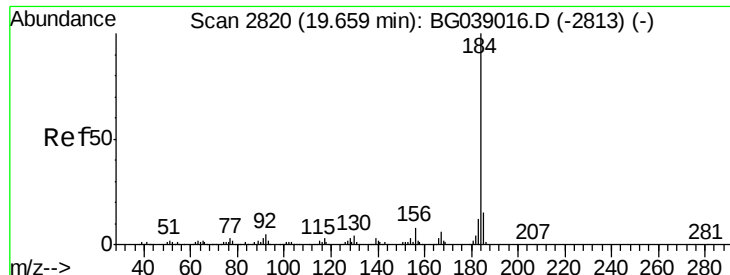
Abundance

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: 2.564 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.35 min

Lab File: BG039285.D

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Instrument :

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TR-05-RO-2-012319

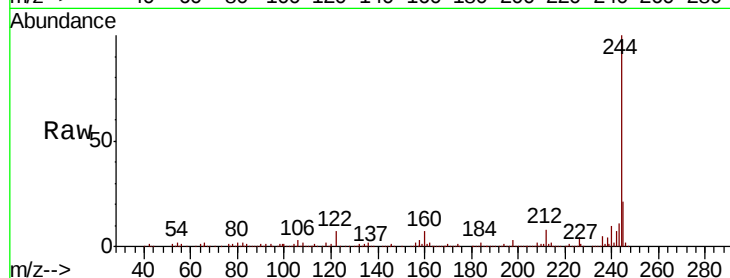
Tgt Ion:184 Resp: 9472

Ion Ratio Lower Upper

184 100

185 18.1 12.1 18.1

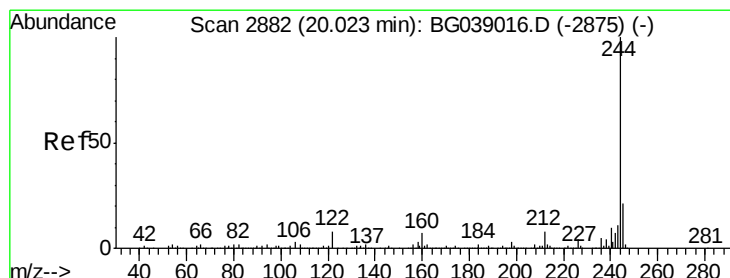
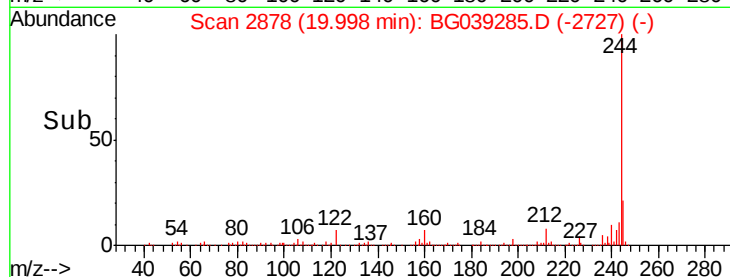
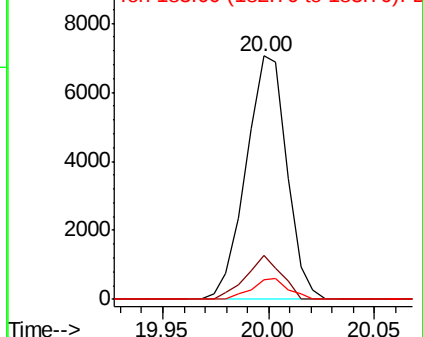
183 8.0 9.5 14.3#



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: 88.948 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039285.D

Acq: 25 Jan 2019 19:21

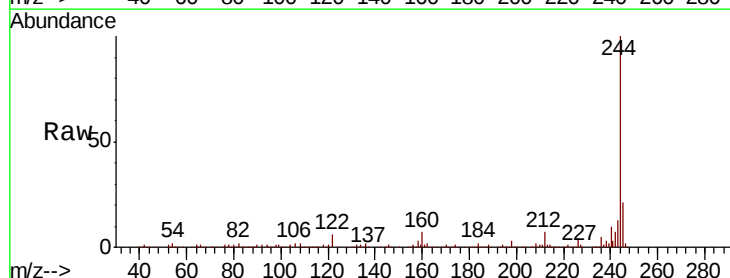
Tgt Ion:244 Resp: 580652

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

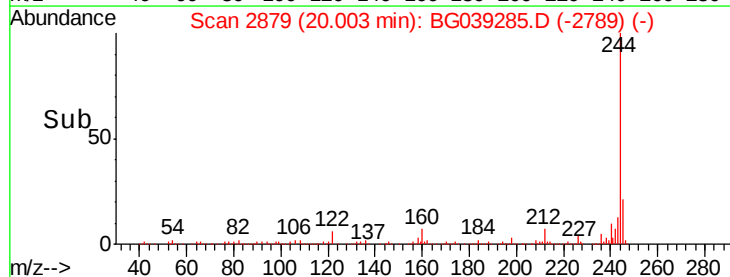
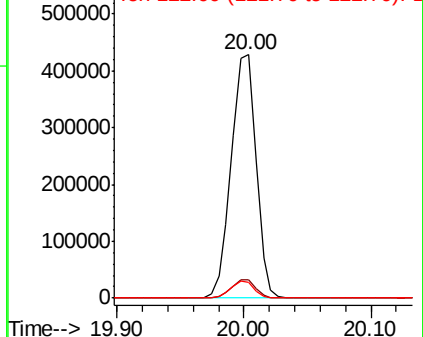
122 6.3 6.1 9.1

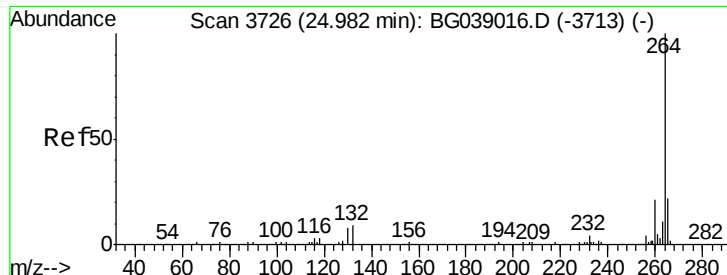


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG039285.D
 Acq: 25 Jan 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-RO-2-012319

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.0	25.6
265	22.8	17.2	25.8

