

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
 Data File : BG039287.D
 Acq On : 25 Jan 2019 20:40
 Operator : JU/SJ
 Sample : K1016-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-RO-4-012319

Quant Time: Jan 28 03:14:47 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

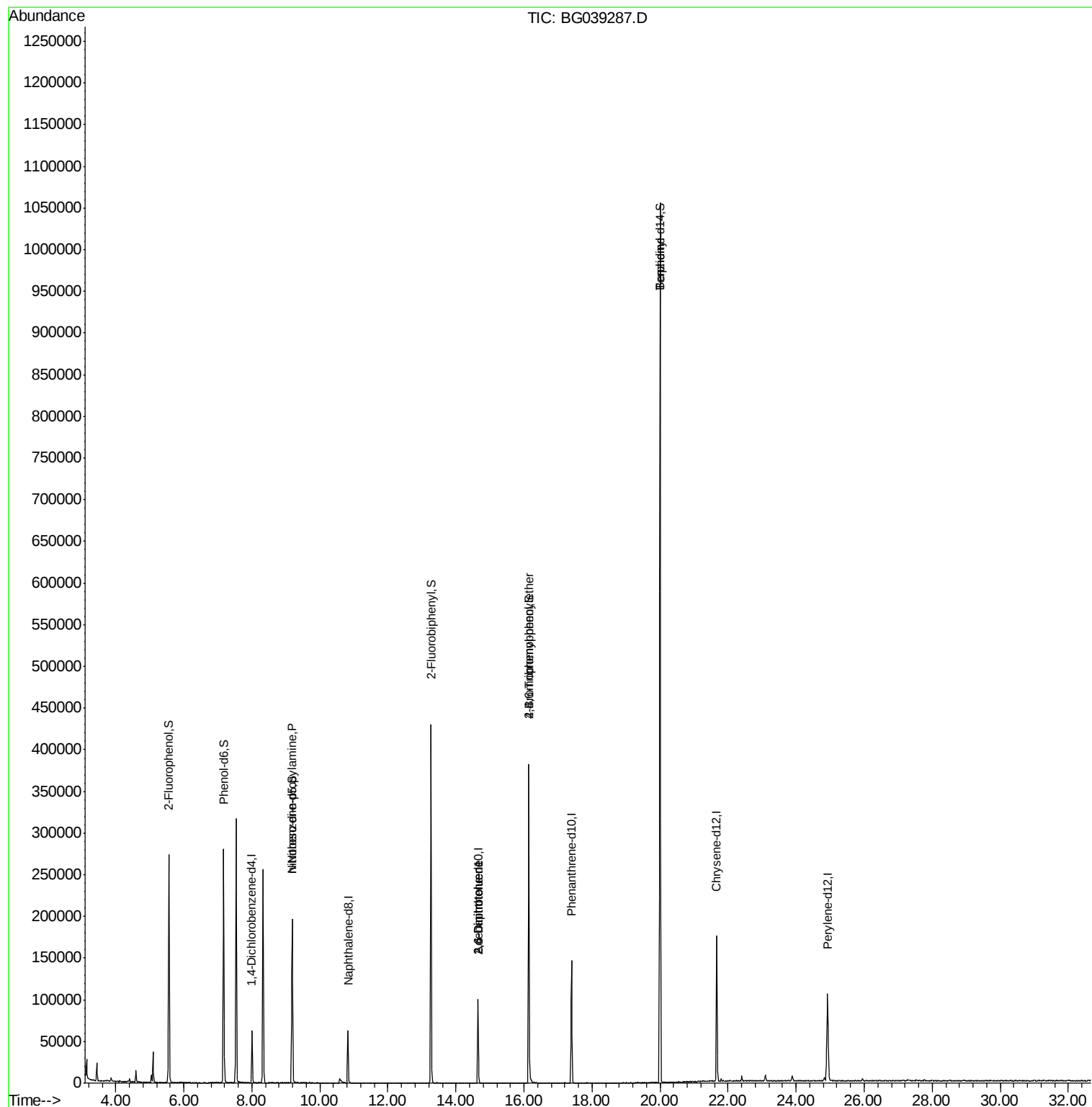
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	19462	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	59873	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	37586	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	103630	20.00	ng	0.00
76) Chrysene-d12	21.66	240	120803	20.00	ng	-0.02
87) Perylene-d12	24.92	264	126310	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	121876	118.79	ng	0.00
7) Phenol-d6	7.17	99	170239	115.30	ng	0.00
23) Nitrobenzene-d5	9.18	82	125935	115.10	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	86723	137.65	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	245685	89.46	ng	0.00
79) Terphenyl-d14	20.00	244	559866	85.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	16404	16.919	ng	# 63
51) 2,6-Dinitrotoluene	14.65	165	4626	6.514	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	4626	4.541	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	5792	4.348	ng	# 1
77) Benzidine	20.00	184	8792	2.379	ng	95

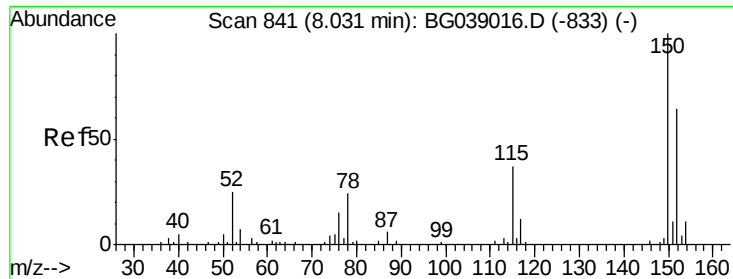
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012519\
Data File : BG039287.D
Acq On : 25 Jan 2019 20:40
Operator : JU/SJ
Sample : K1016-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-RO-4-012319

Quant Time: Jan 28 03:14:47 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



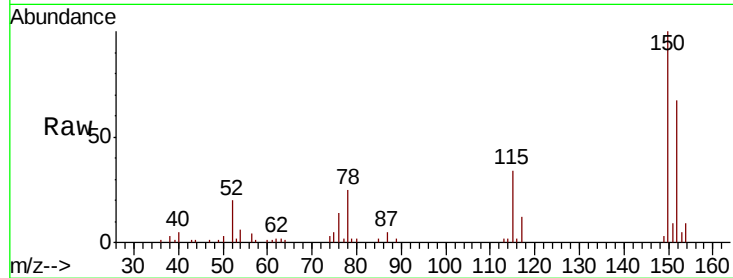


#1

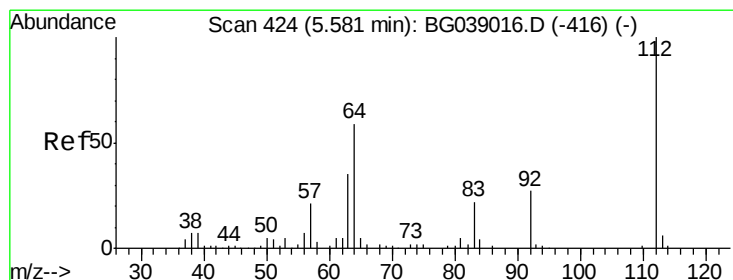
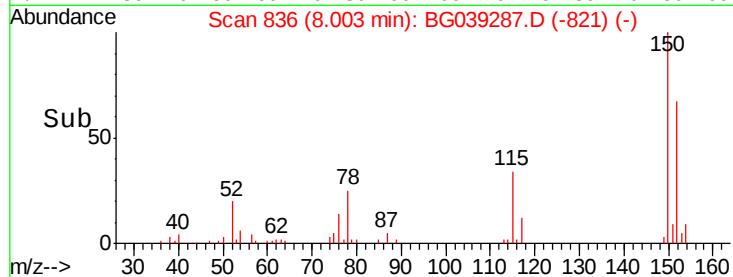
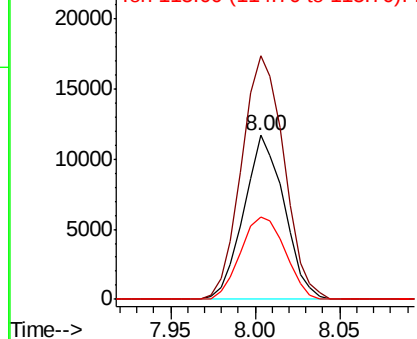
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG039287.D
Acq: 25 Jan 2019 20:40

Instrument :
BNA_G
ClientSampleId :
TR-05-RO-4-012319

Tgt Ion:152 Resp: 19462
Ion Ratio Lower Upper
152 100
150 148.6 124.7 187.1
115 50.3 46.5 69.7



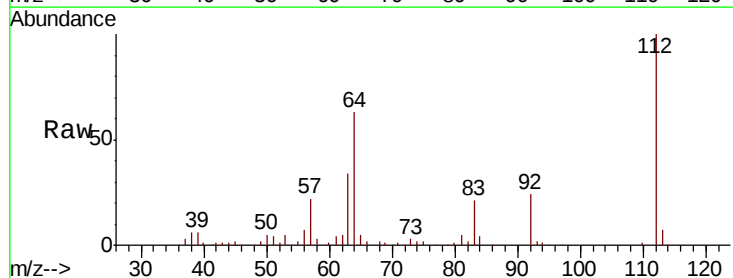
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



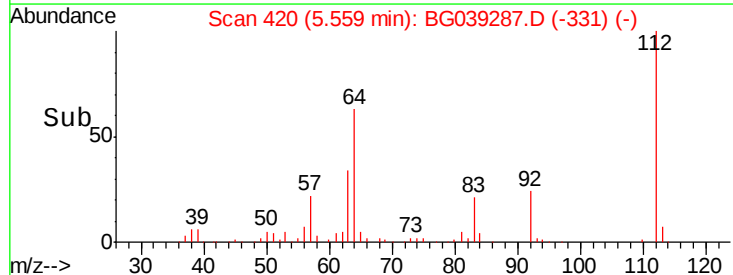
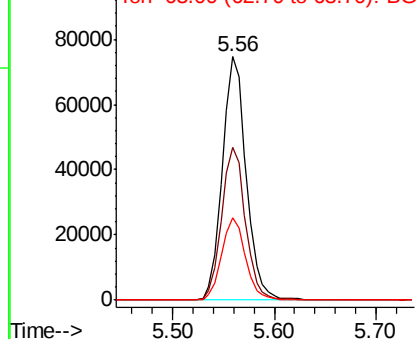
#5

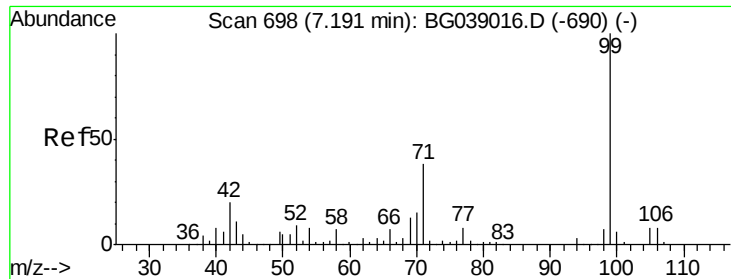
2-Fluorophenol
Concen: 118.794 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG039287.D
Acq: 25 Jan 2019 20:40

Tgt Ion:112 Resp: 121876
Ion Ratio Lower Upper
112 100
64 62.9 47.0 70.6
63 33.7 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: 115.301 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039287.D

Acq: 25 Jan 2019 20:40

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-4-012319

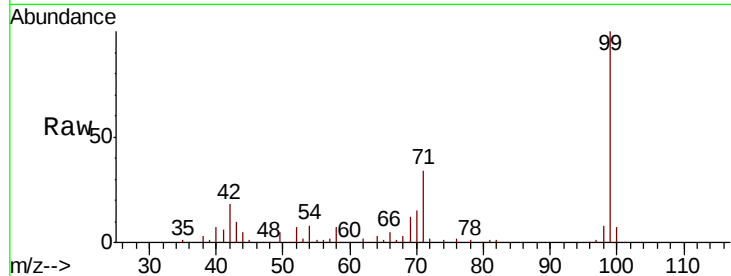
Tgt Ion: 99 Resp: 170239

Ion Ratio Lower Upper

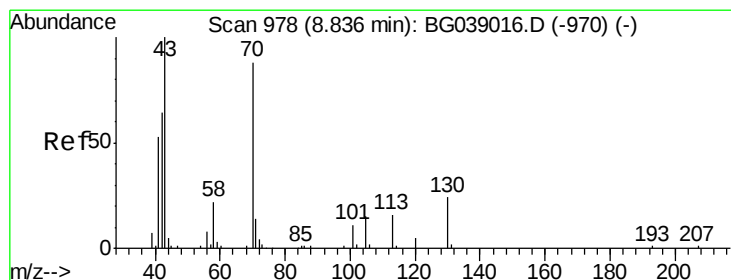
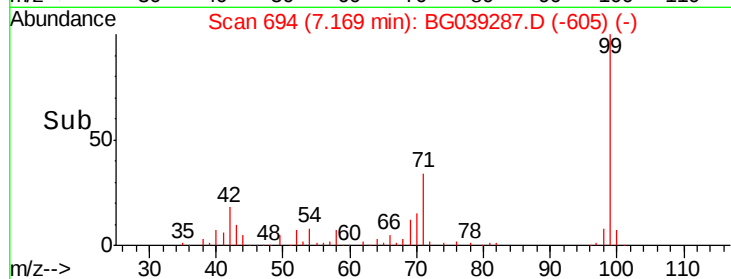
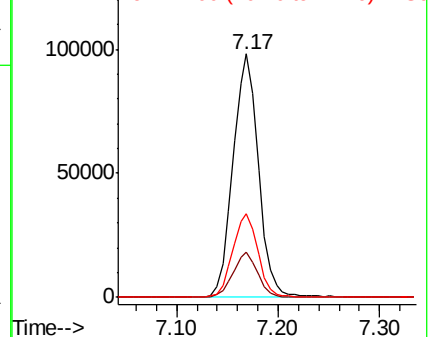
99 100

42 18.5 15.8 23.6

71 34.4 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: 16.919 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.36 min

Lab File: BG039287.D

Acq: 25 Jan 2019 20:40

Tgt Ion: 70 Resp: 16404

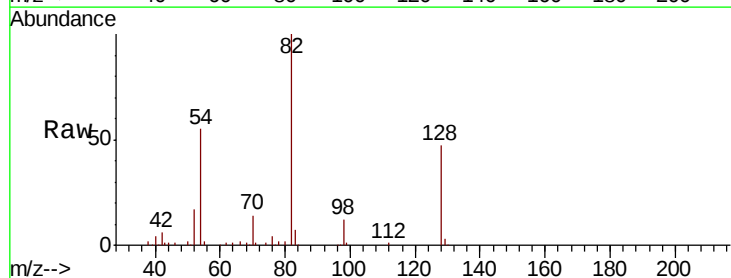
Ion Ratio Lower Upper

70 100

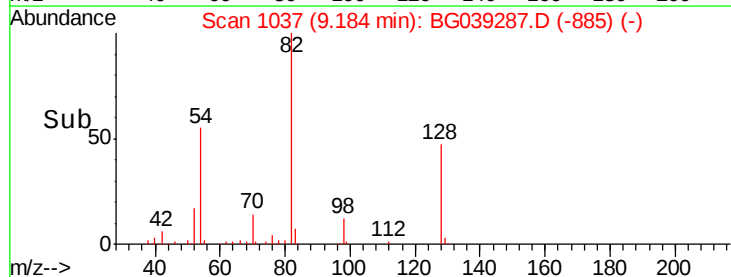
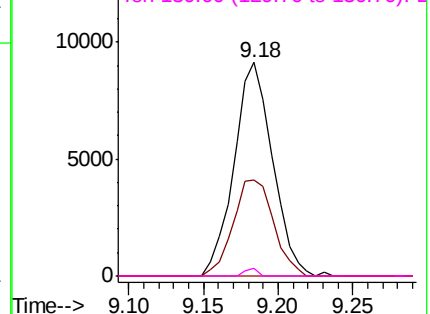
42 45.0 59.0 88.4#

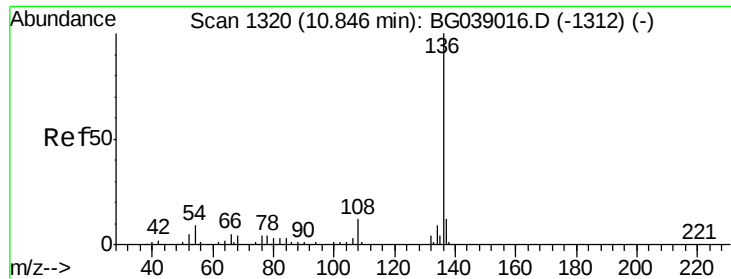
101 0.0 10.4 15.6#

130 3.5 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

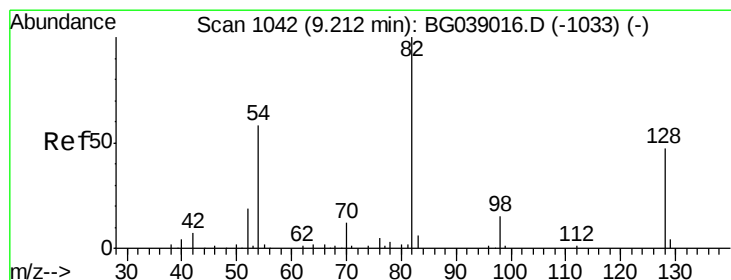
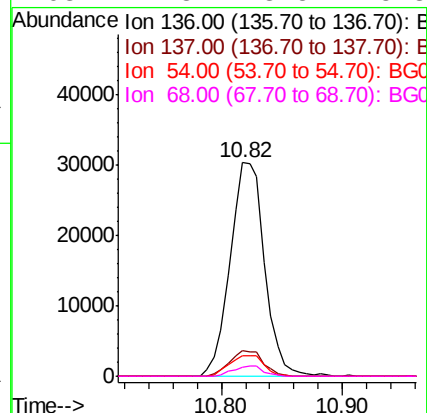
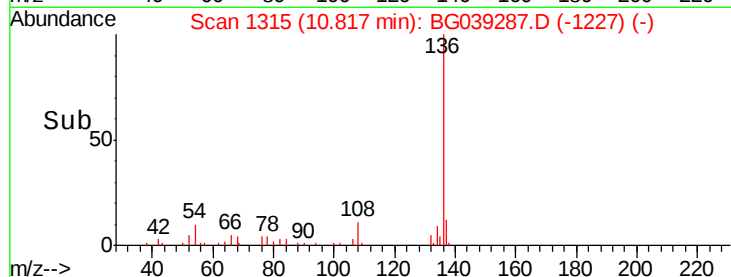
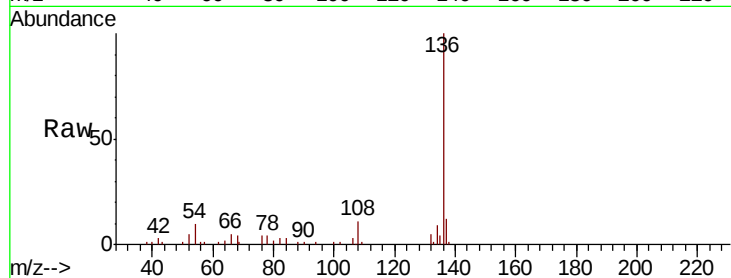




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG039287.D
Acq: 25 Jan 2019 20:40

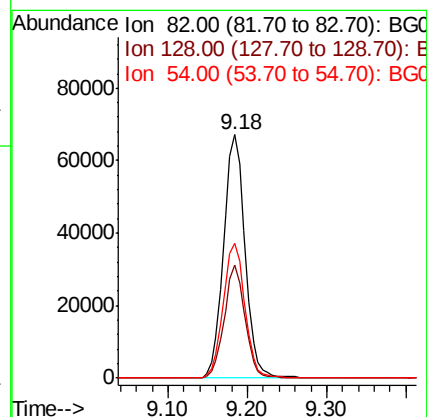
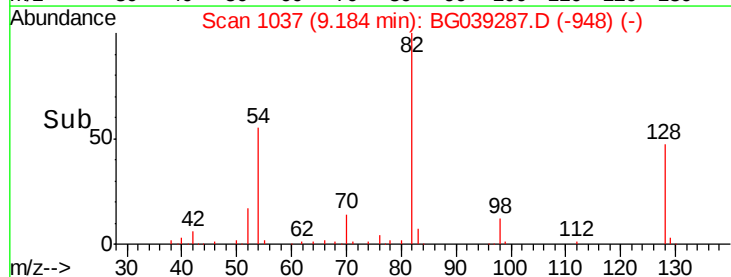
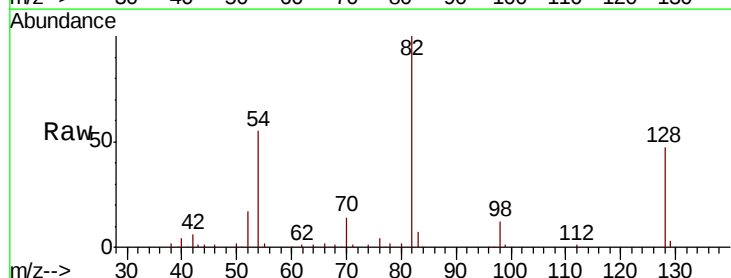
Instrument :
BNA_G
ClientSampleId :
TR-05-RO-4-012319

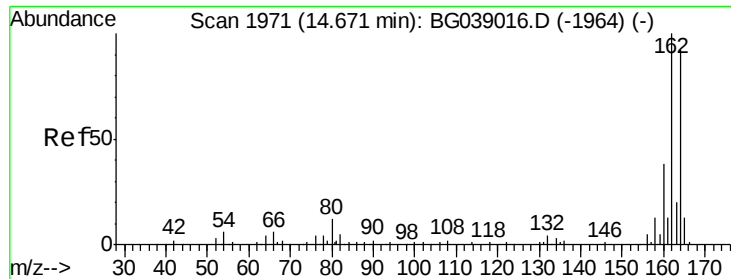
Tgt Ion:	136	Resp:	59873
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.2
54	9.8	7.2	10.8
68	4.8	3.5	5.3



#23
Nitrobenzene-d5
Concen: 115.095 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039287.D
Acq: 25 Jan 2019 20:40

Tgt Ion:	82	Resp:	125935
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.3	55.9
54	55.1	46.4	69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039287.D

Acq: 25 Jan 2019 20:40

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-4-012319

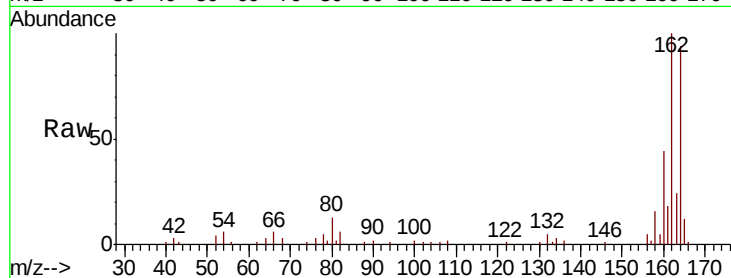
Tgt Ion:164 Resp: 37586

Ion Ratio Lower Upper

164 100

162 106.8 87.2 130.8

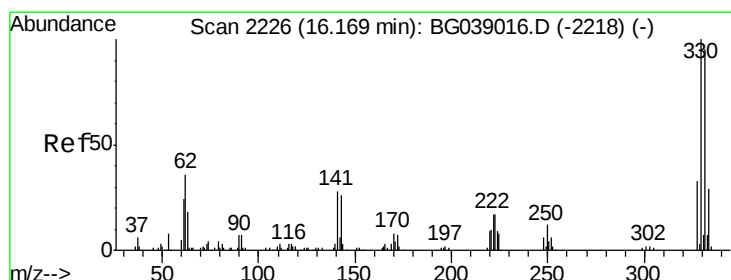
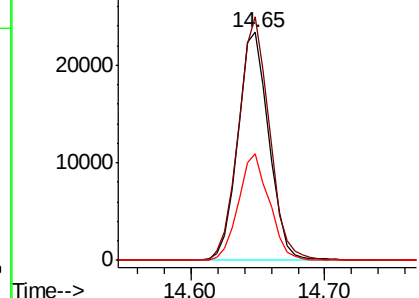
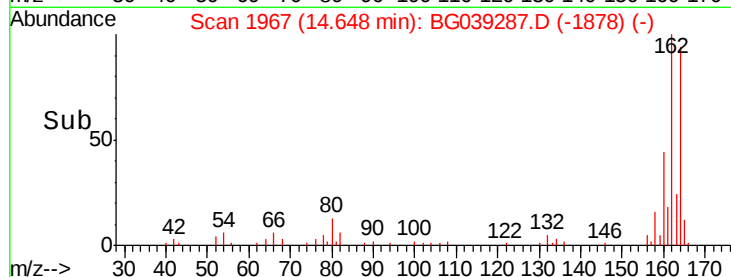
160 46.7 33.3 49.9



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: 137.646 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039287.D

Acq: 25 Jan 2019 20:40

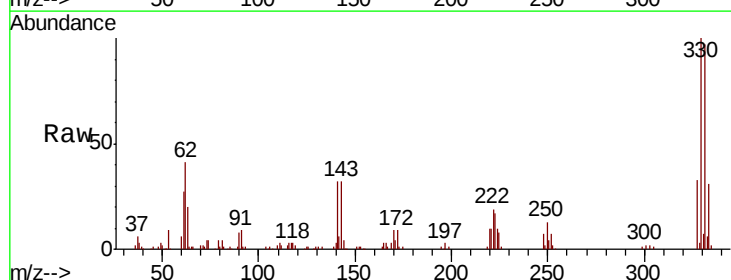
Tgt Ion:330 Resp: 86723

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

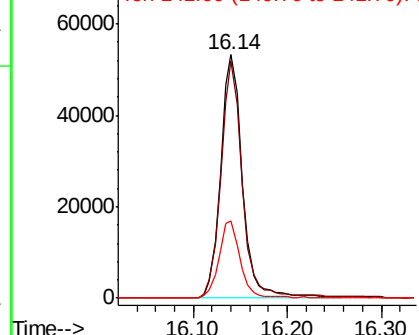
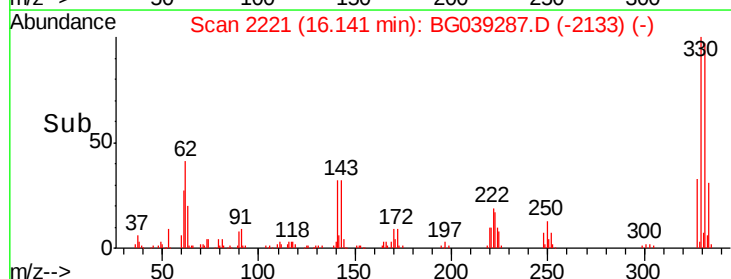
141 30.9 24.9 37.3

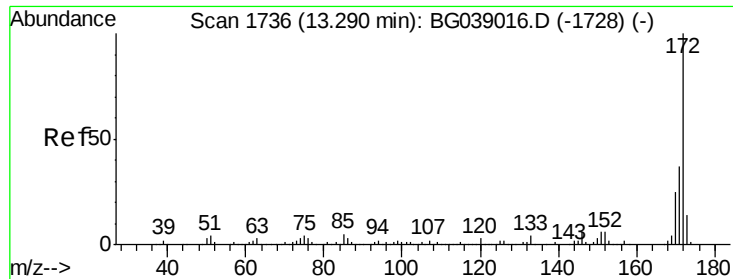


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

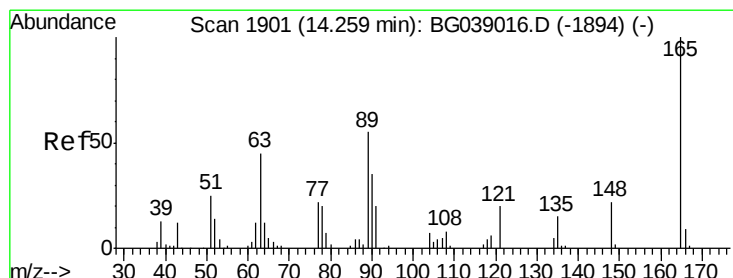
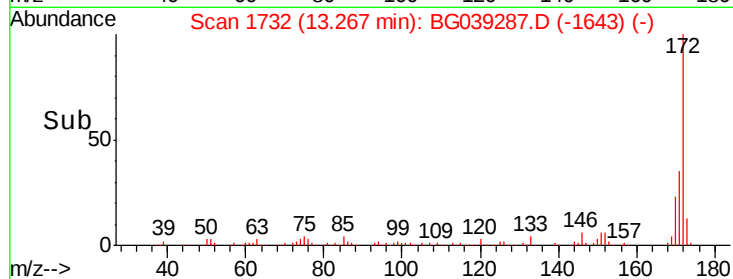
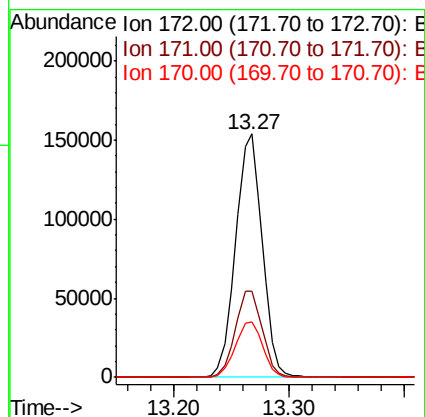
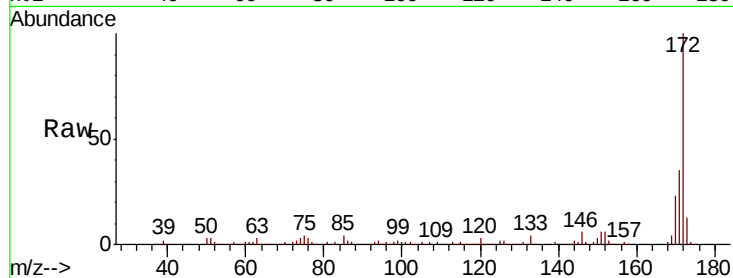




#45
 2-Fluorobiphenyl
 Concen: 89.458 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039287.D
 Acq: 25 Jan 2019 20:40

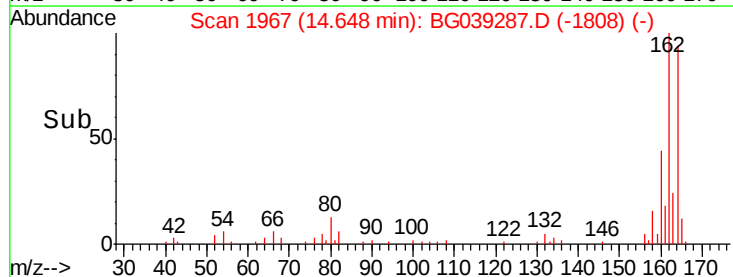
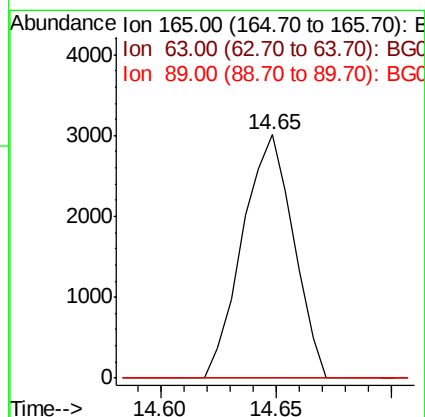
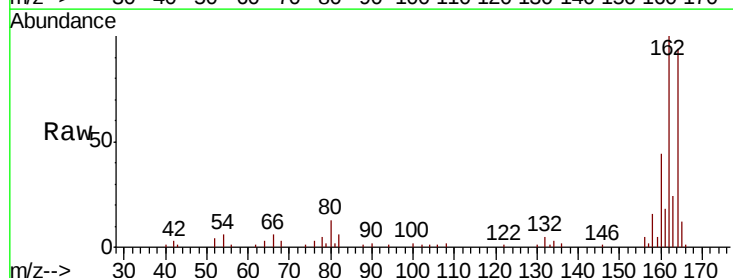
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-RO-4-012319

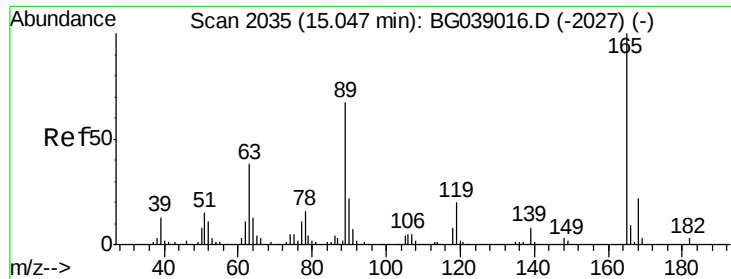
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	22.8	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.514 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.41 min
 Lab File: BG039287.D
 Acq: 25 Jan 2019 20:40

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

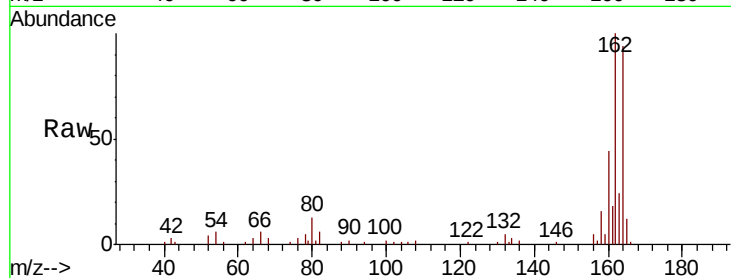




#57
2,4-Dinitrotoluene
Concen: 4.541 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.38 min
Lab File: BG039287.D
Acq: 25 Jan 2019 20:40

Instrument :
BNA_G
ClientSampleId :
TR-05-RO-4-012319

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#

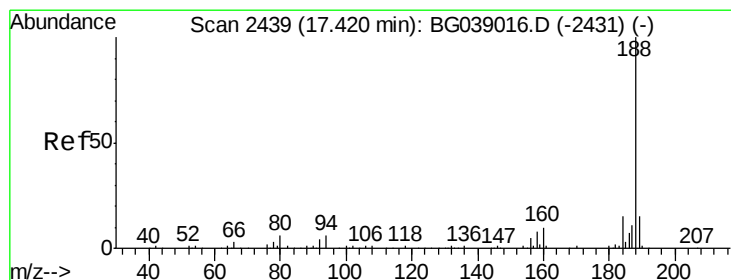
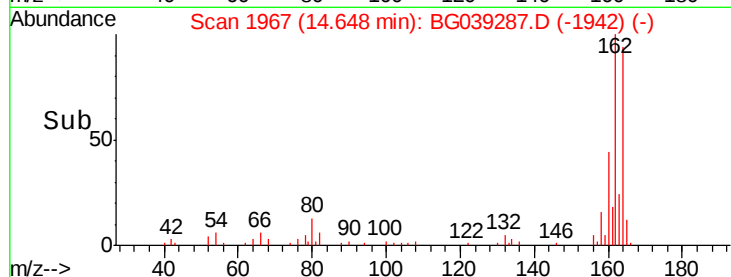
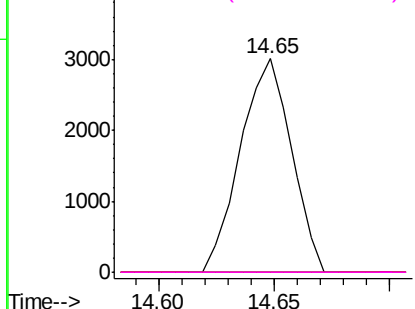


Abundance Ion 165.00 (164.70 to 165.70): E

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



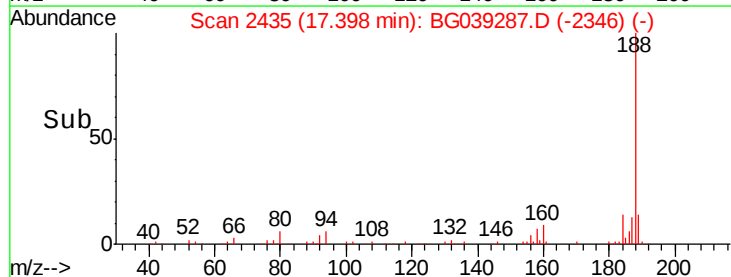
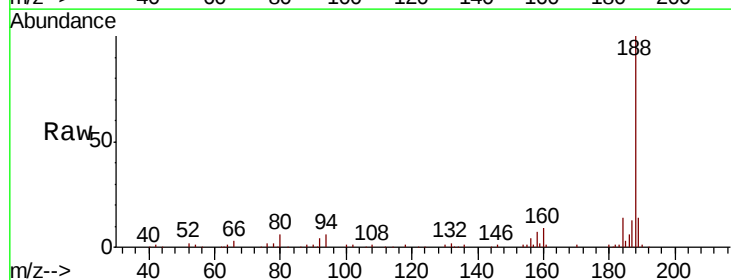
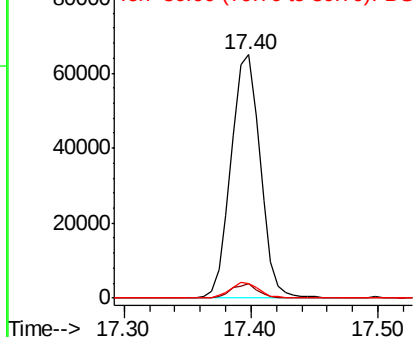
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039287.D
Acq: 25 Jan 2019 20:40

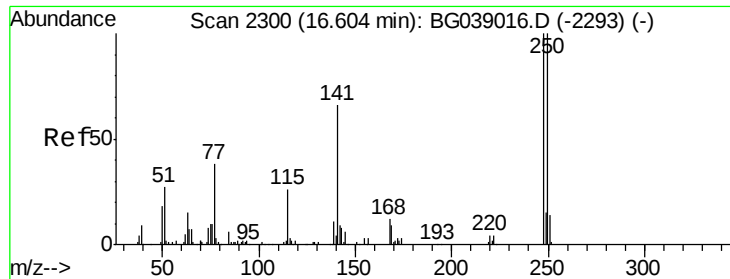
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.4
80	5.9	4.7	7.1

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

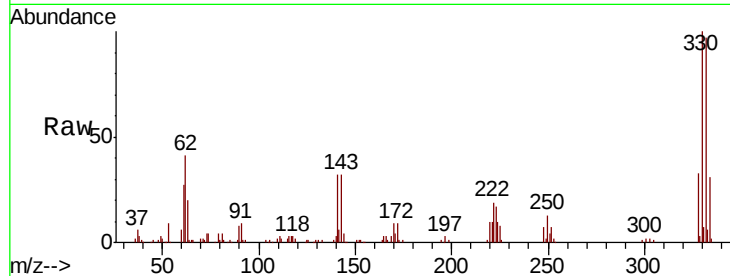




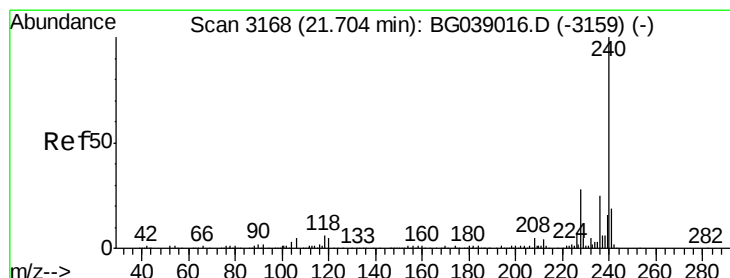
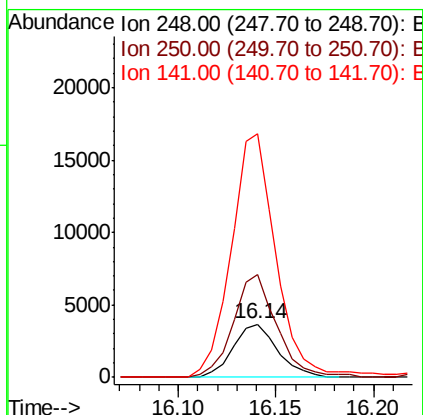
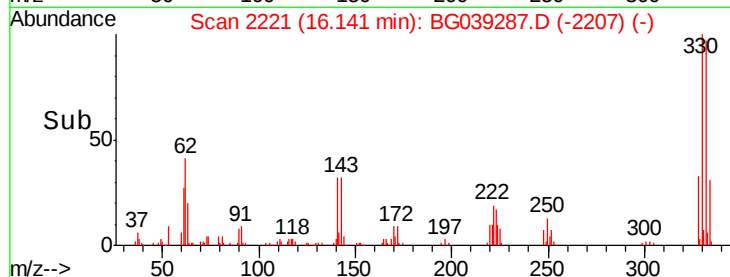
#67
4-Bromophenyl-phenylether
Concen: 4.348 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG039287.D
Acq: 25 Jan 2019 20:40

Instrument :
BNA_G
ClientSampleId :
TR-05-RO-4-012319

Tgt Ion:248 Resp: 5792
Ion Ratio Lower Upper
248 100
250 198.4 79.9 119.9#
141 363.6 52.7 79.1#

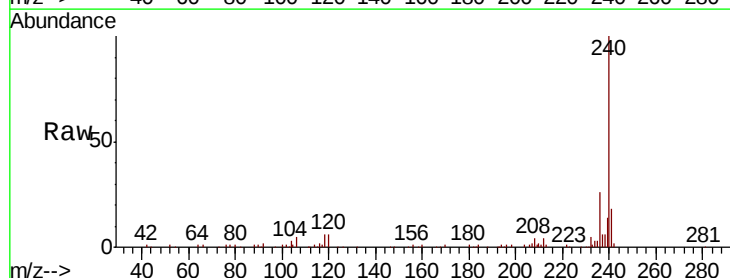


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

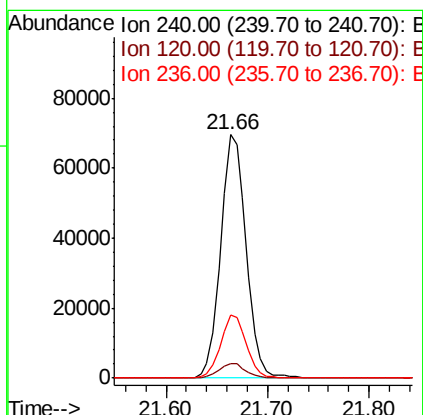
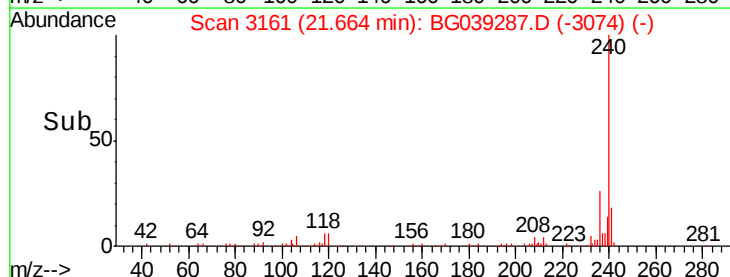


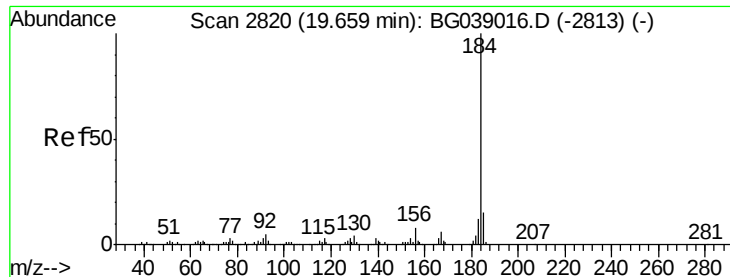
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG039287.D
Acq: 25 Jan 2019 20:40

Tgt Ion:240 Resp: 120803
Ion Ratio Lower Upper
240 100
120 6.1 4.3 6.5
236 26.1 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: 2.379 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.36 min

Lab File: BG039287.D

Acq: 25 Jan 2019 20:40

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-4-012319

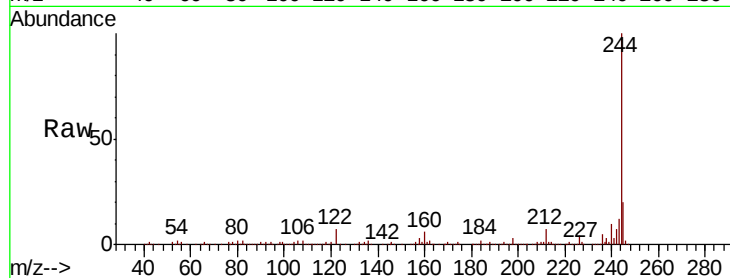
Tgt Ion:184 Resp: 8792

Ion Ratio Lower Upper

184 100

185 18.1 12.1 18.1

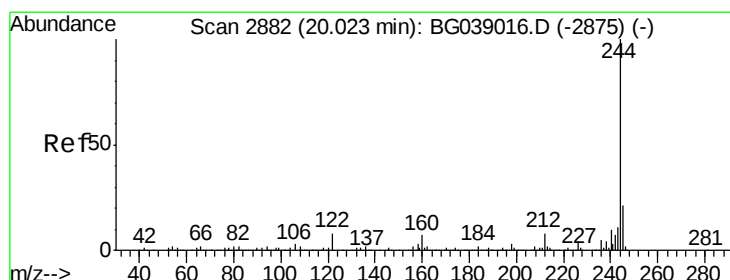
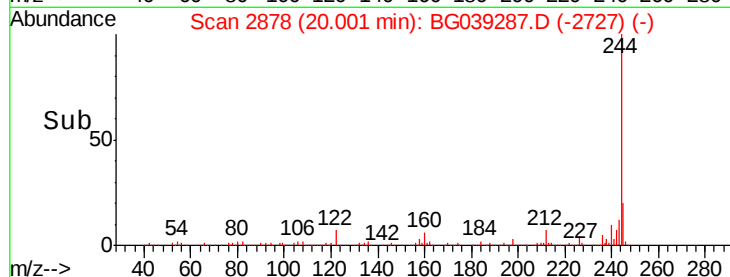
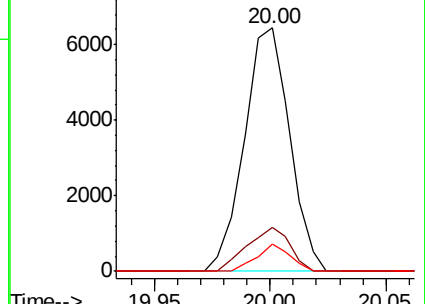
183 11.4 9.5 14.3



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: 85.734 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039287.D

Acq: 25 Jan 2019 20:40

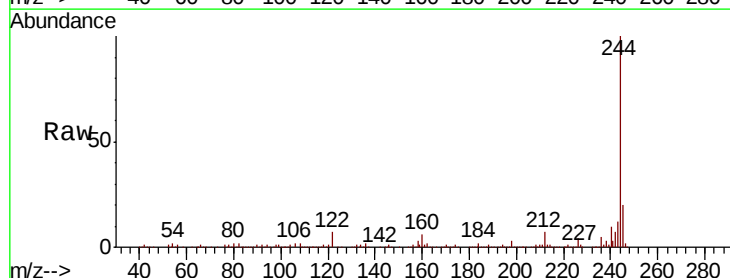
Tgt Ion:244 Resp: 559866

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

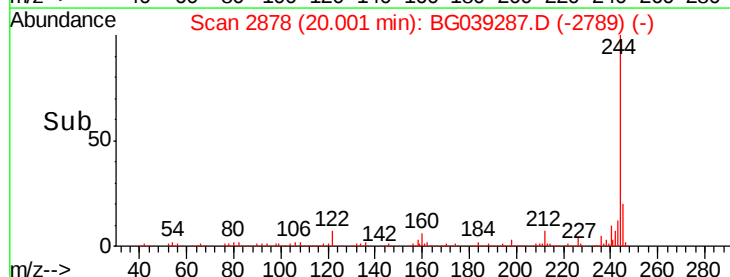
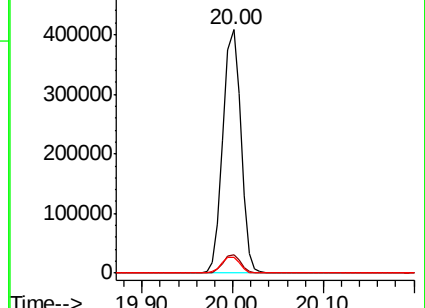
122 6.6 6.1 9.1

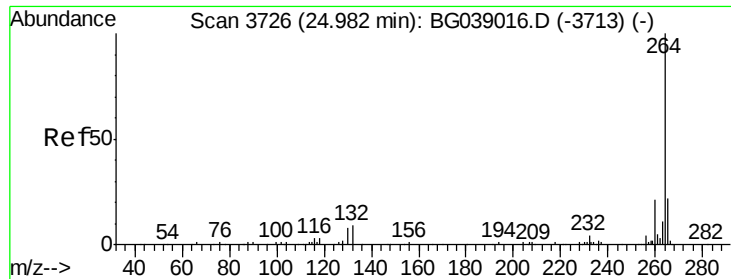


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
Lab File: BG039287.D
Acq: 25 Jan 2019 20:40

Instrument :
BNA_G
ClientSampleId :
TR-05-RO-4-012319

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.0	25.6
265	21.6	17.2	25.8

