

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039927.D
 Acq On : 14 Mar 2019 16:23
 Operator : JU/SJ
 Sample : PB117907BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117907BL

Quant Time: Mar 15 08:09:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

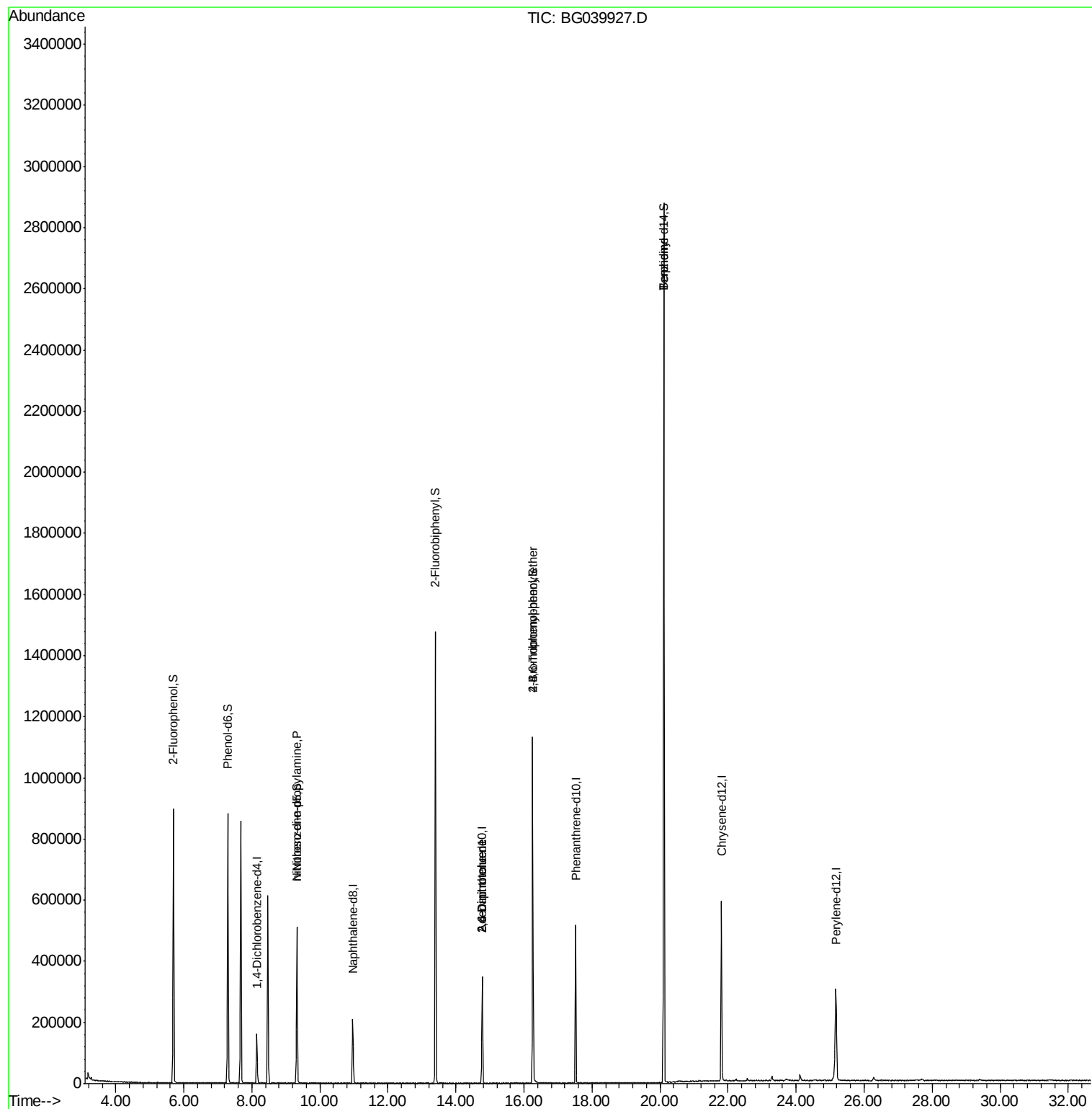
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	45268	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183955	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	122780	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	325796	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	361115	20.00	ng	-0.03
87) Perylene-d12	25.17	264	355270	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	366891	138.27	ng	-0.02
7) Phenol-d6	7.29	99	508682	128.57	ng	-0.02
23) Nitrobenzene-d5	9.32	82	304248	89.45	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	204551	142.93	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	766245	88.86	ng	-0.02
79) Terphenyl-d14	20.11	244	1353065	82.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	40448	14.203	ng	# 69
51) 2,6-Dinitrotoluene	14.77	165	15445	7.096	ng	# 24
57) 2,4-Dinitrotoluene	14.77	165	15445	5.050	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	15591	4.275	ng	# 1
77) Benzidine	20.11	184	24537	2.141	ng	# 91

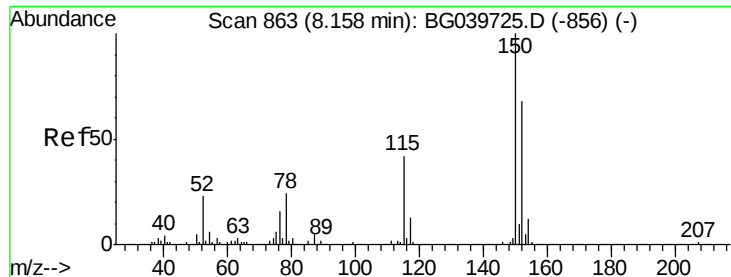
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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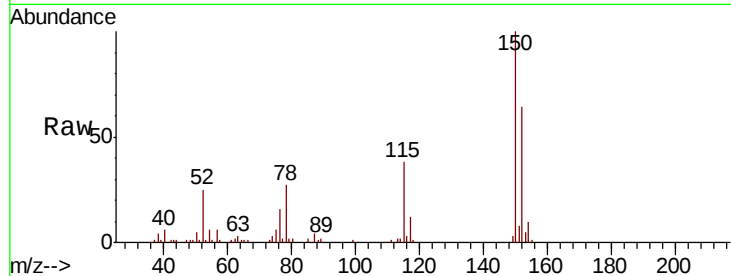


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB117907BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.7	185.5
115	58.9	45.9	68.9

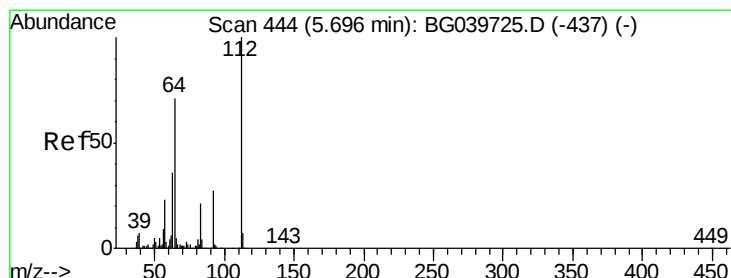
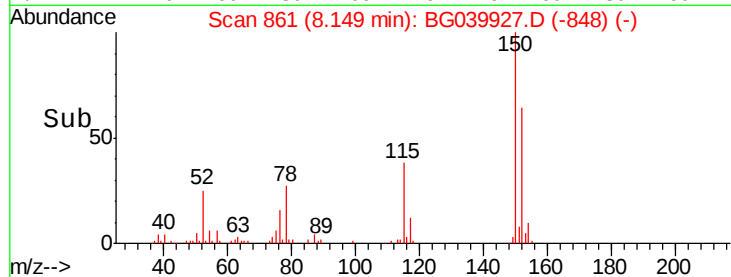
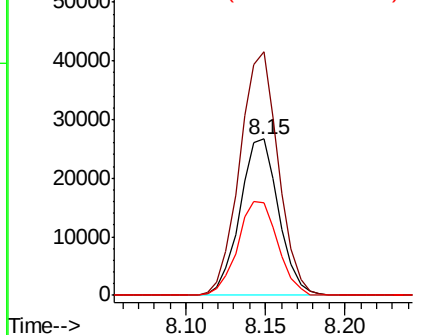


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

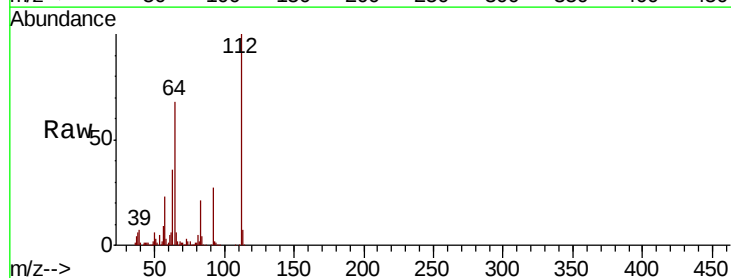
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.270 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.8	86.8
63	36.5	29.8	44.6

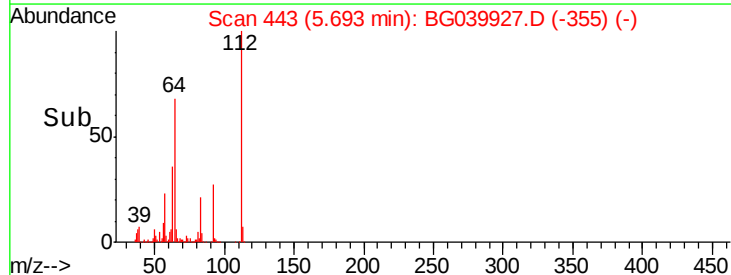
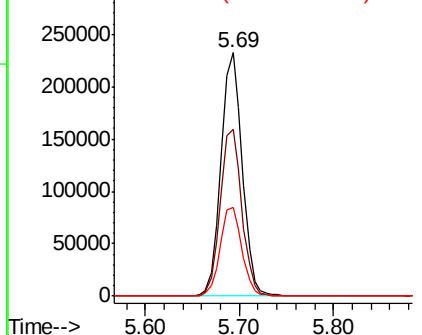


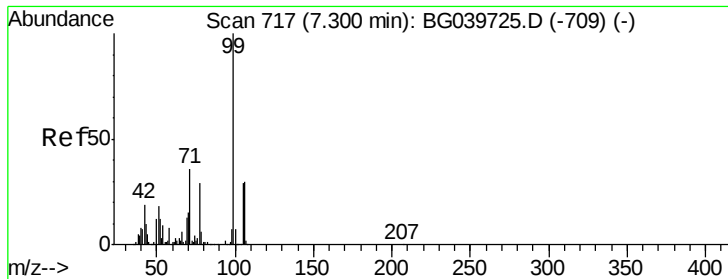
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.571 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

PB117907BL

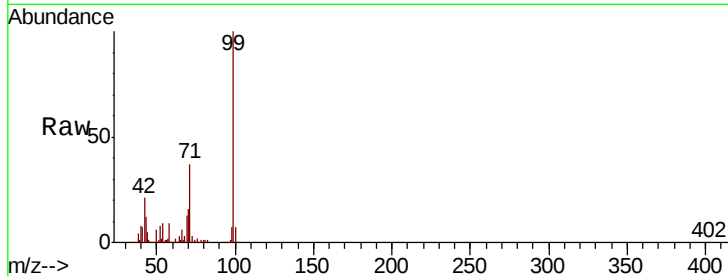
Tot Ion: 99 Resp: 508682

Ion Ratio Lower Upper

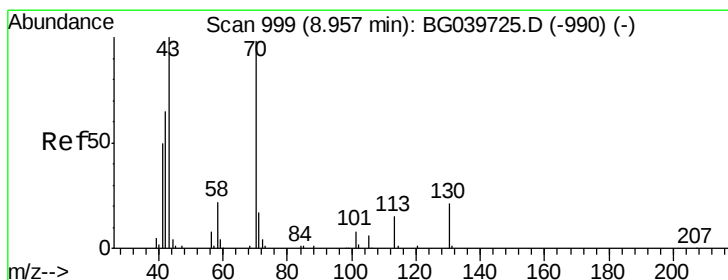
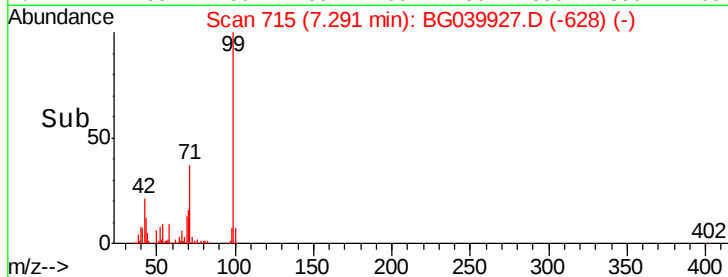
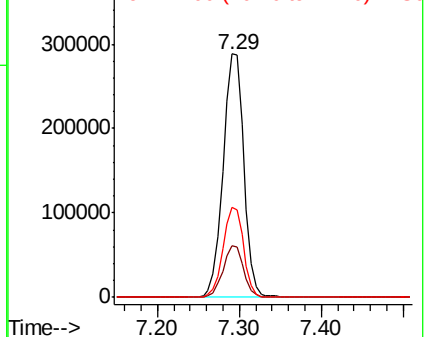
99 100

42 21.0 18.2 27.2

71 37.2 28.0 42.0



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: 14.203 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

Tgt Ion: 70 Resp: 40448

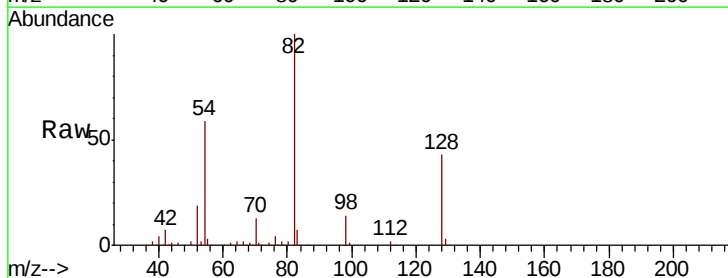
Ion Ratio Lower Upper

70 100

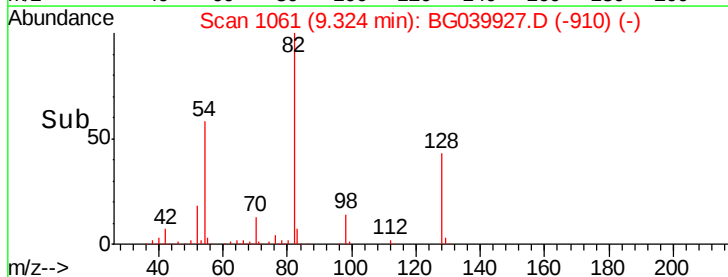
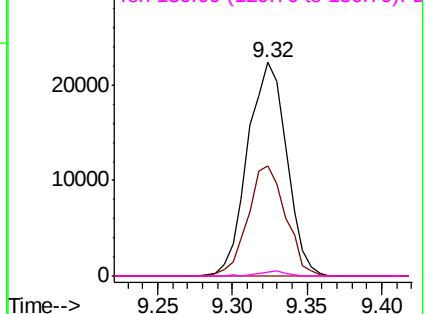
42 51.4 60.4 90.6#

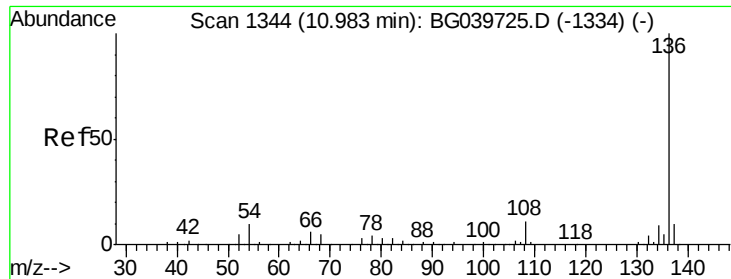
101 0.0 7.5 11.3#

130 1.8 16.9 25.3#



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

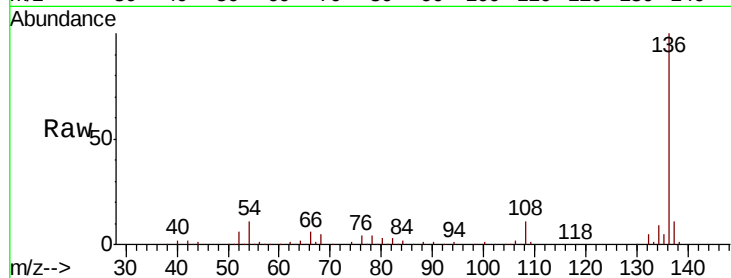




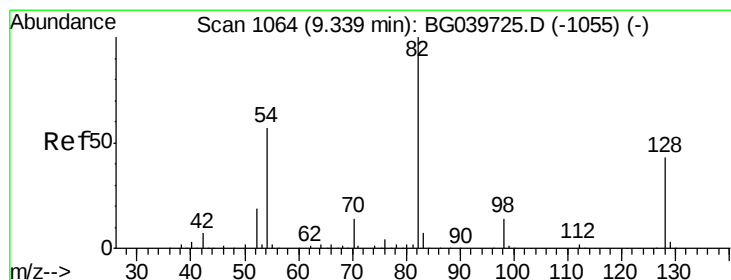
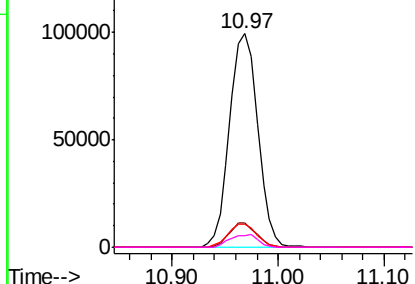
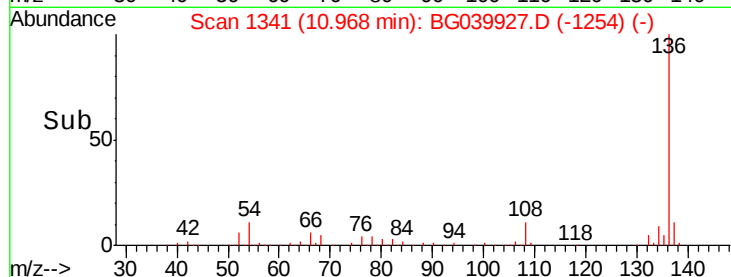
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB117907BL

Tot Ion:136	Resp:	183955
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.1 13.7
54	10.9	9.4 14.2
68	5.4	4.2 6.4

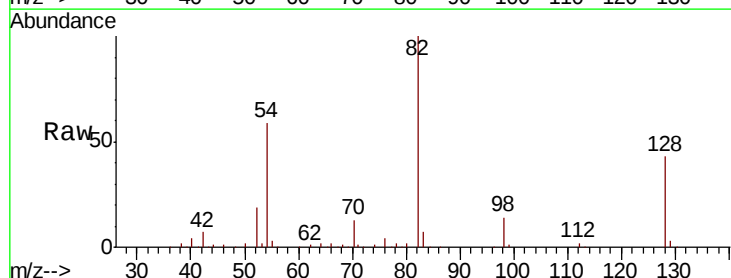


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

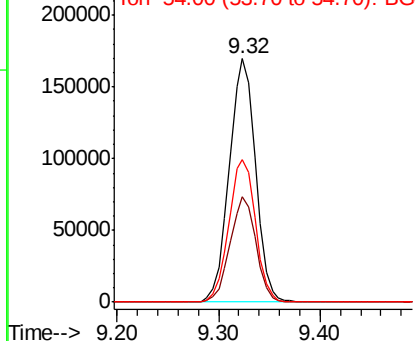
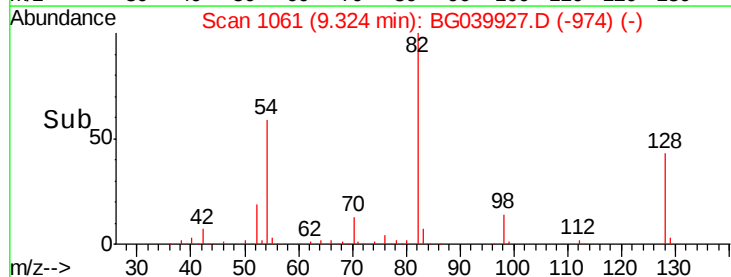


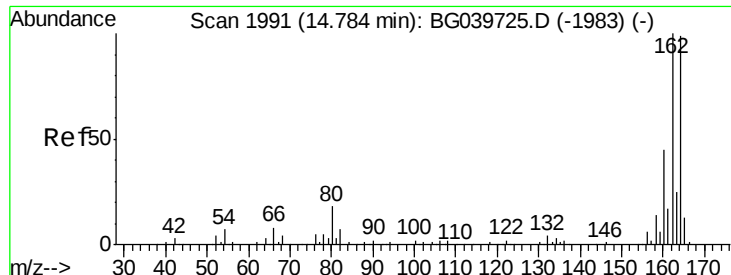
#23
Nitrobenzene-d5
Concen: 89.451 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Tgt Ion: 82	Resp:	304248
Ion	Ratio	Lower Upper
82	100	
128	43.4	31.3 46.9
54	58.6	50.9 76.3



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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

PB117907BL

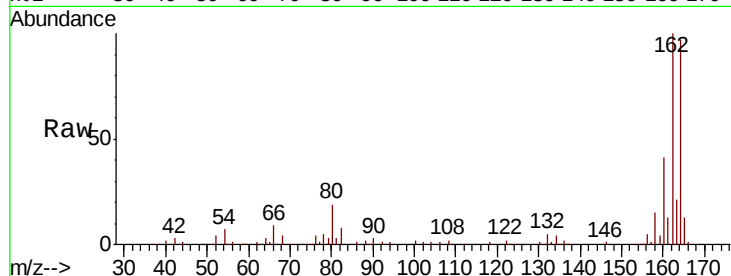
Tot Ion:164 Resp: 122780

Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

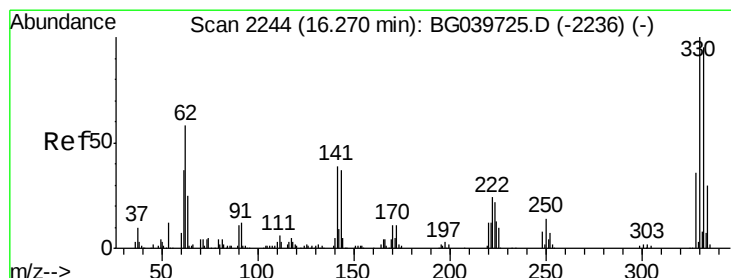
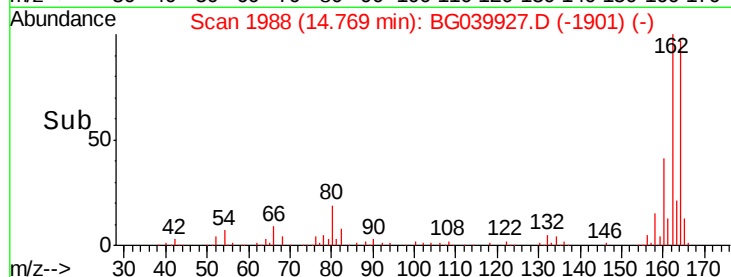
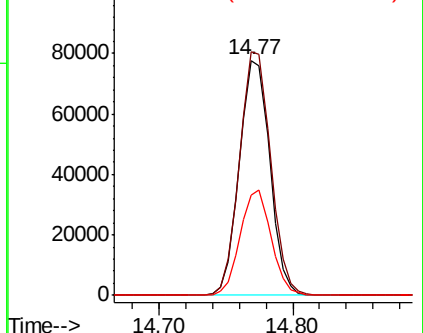
160 42.9 34.2 51.2



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: 142.934 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

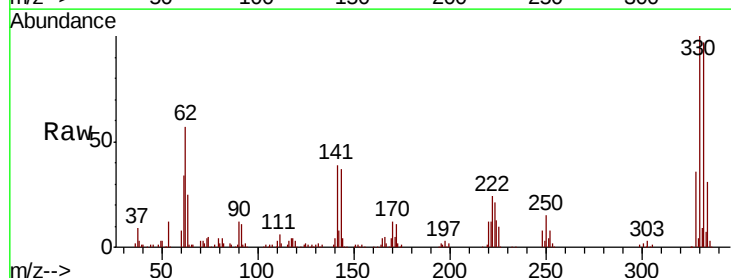
Tgt Ion:330 Resp: 204551

Ion Ratio Lower Upper

330 100

332 94.5 75.7 113.5

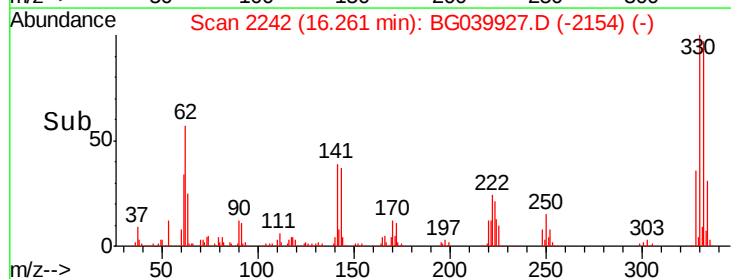
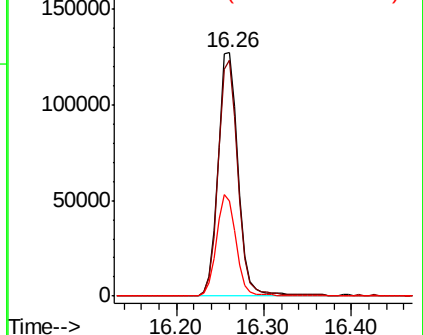
141 40.7 35.6 53.4

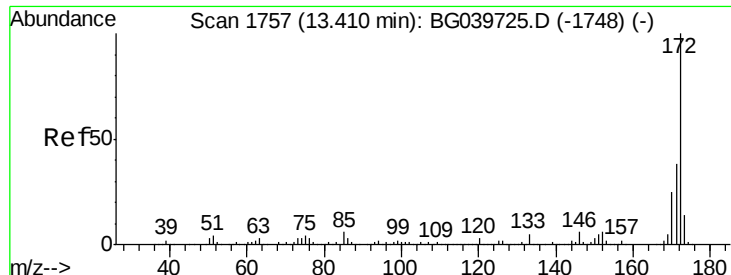


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

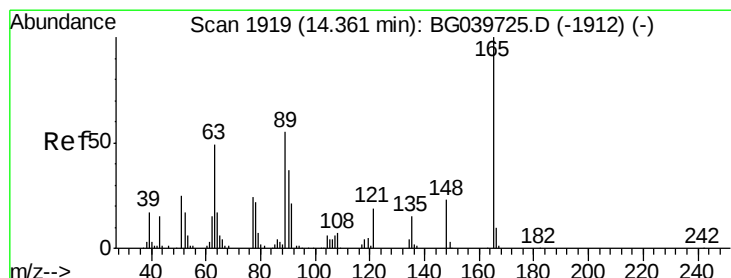
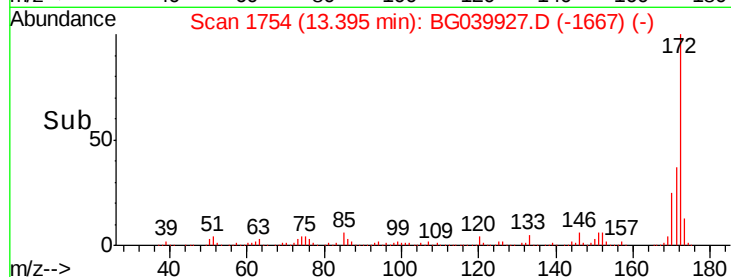
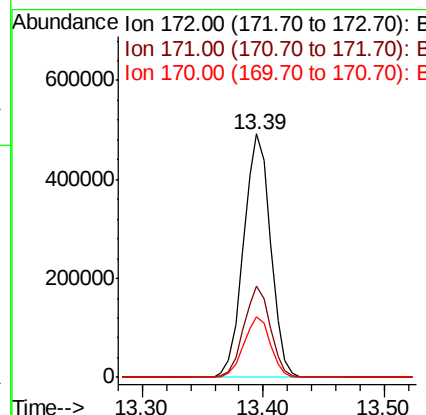
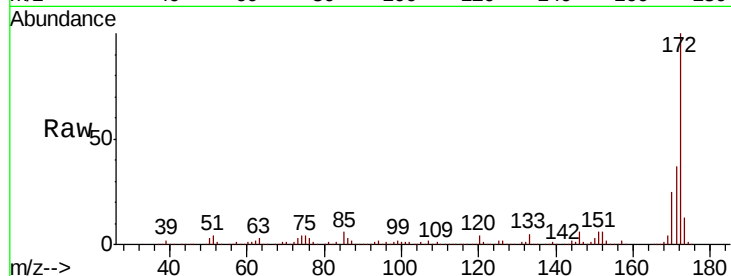




#45
 2-Fluorobiphenyl
 Concen: 88.858 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039927.D
 Acq: 14 Mar 2019 16:23

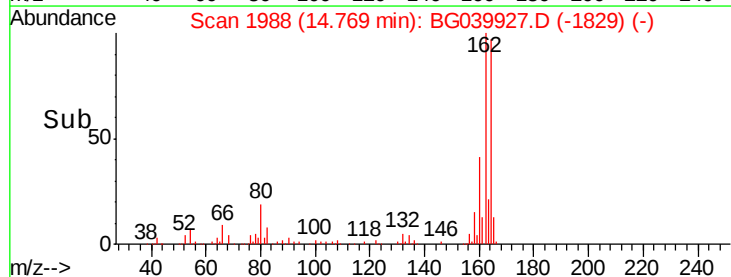
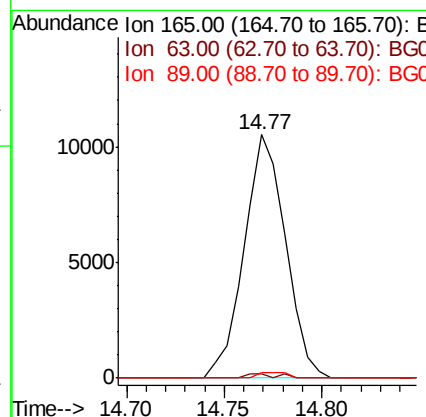
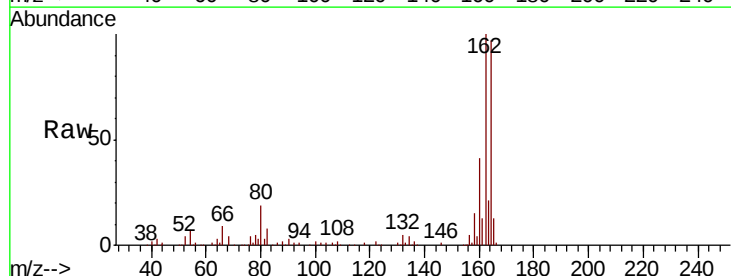
Instrument :
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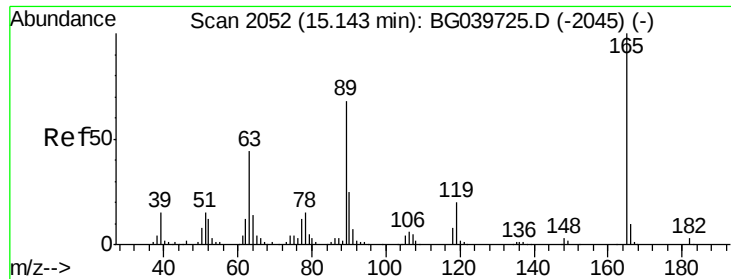
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.7	20.2	30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.096 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG039927.D
 Acq: 14 Mar 2019 16:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	47.0	70.6#
89	2.2	45.8	68.8#

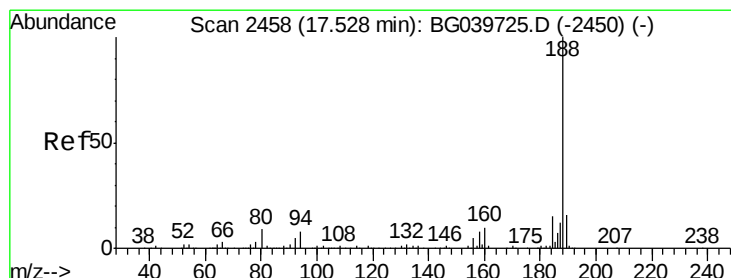
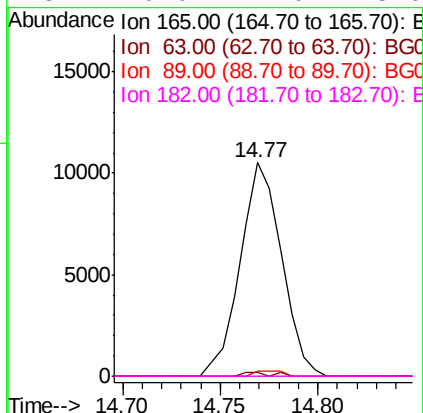
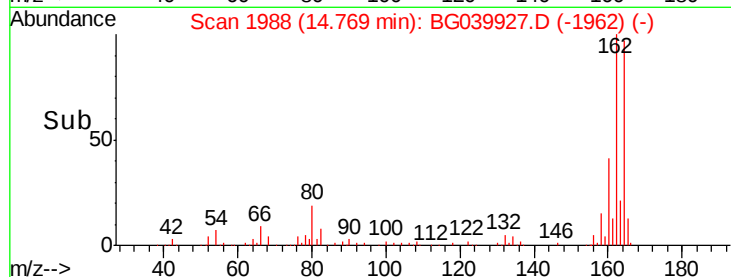
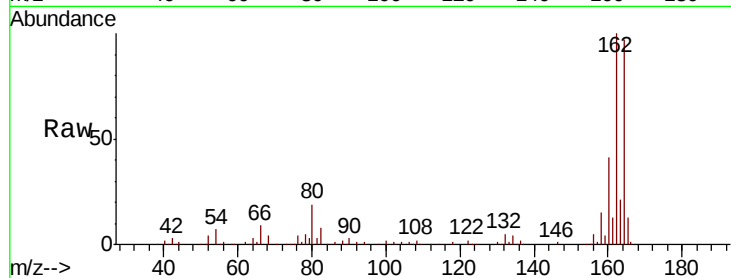




#57
 2,4-Dinitrotoluene
 Concen: 5.050 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG039927.D
 Acq: 14 Mar 2019 16:23

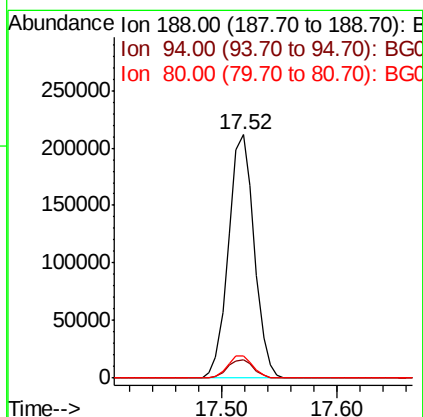
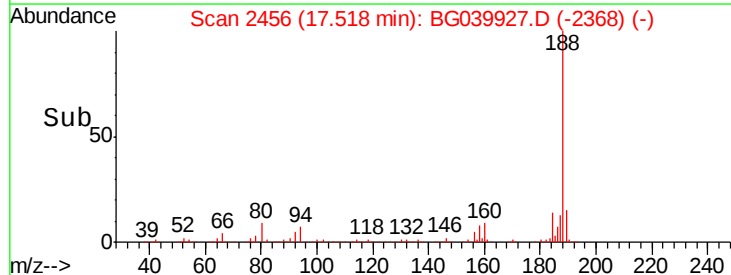
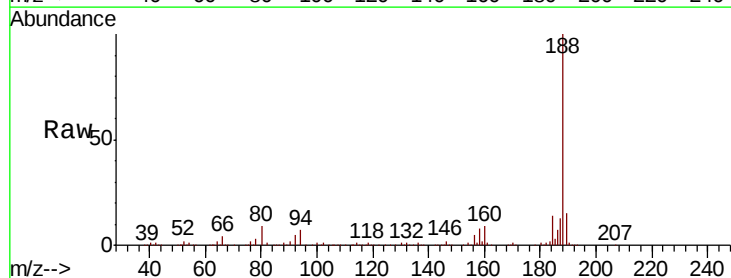
Instrument :
 BNA_G
 ClientSampleId :
 PB117907BL

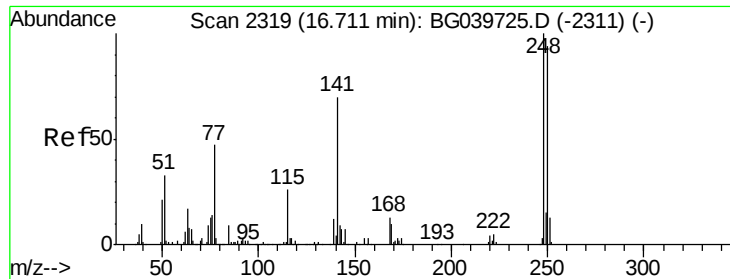
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039927.D
 Acq: 14 Mar 2019 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.0	8.1	12.1

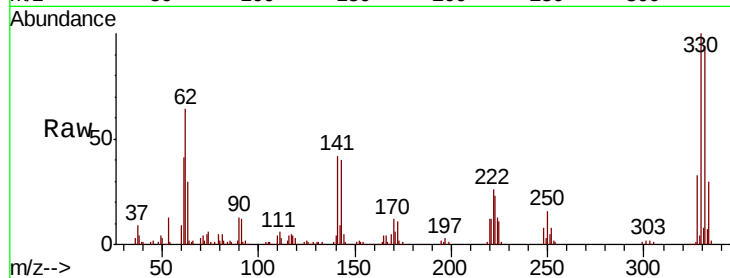




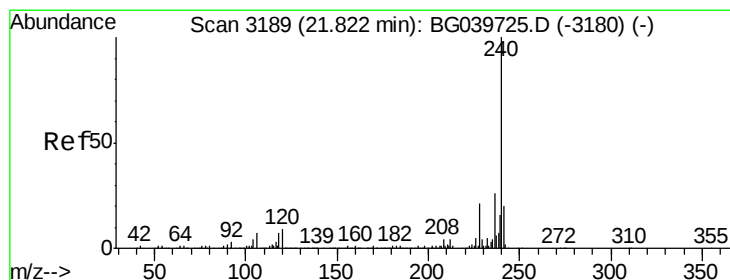
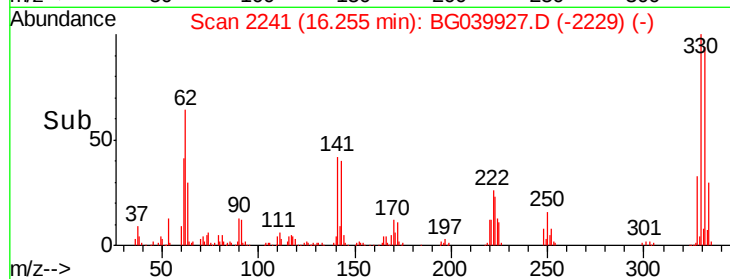
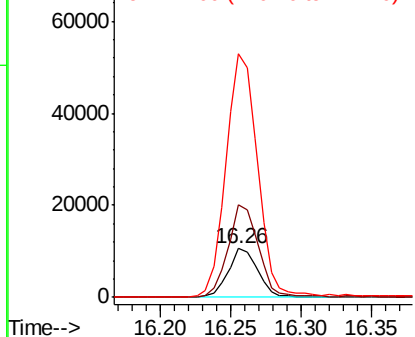
#67
4-Bromophenyl-phenylether
Concen: 4.275 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB117907BL

Tot Ion:248 Resp: 15591
Ion Ratio Lower Upper
248 100
250 190.1 77.6 116.4#
141 497.9 63.9 95.9#

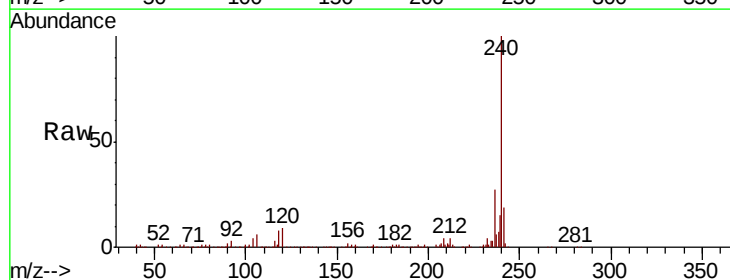


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

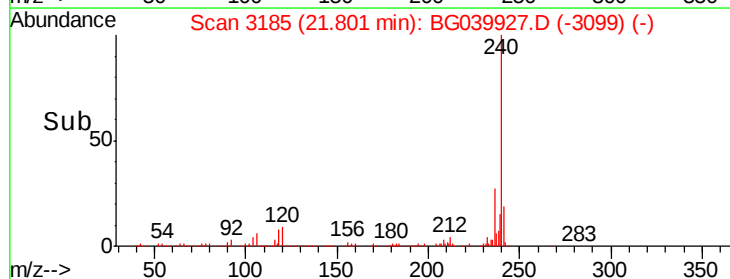
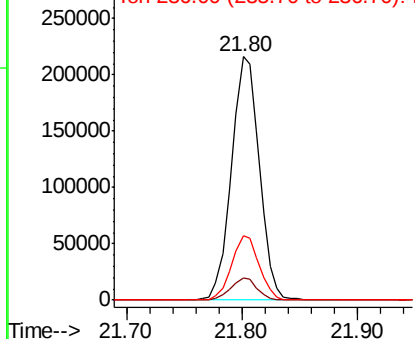


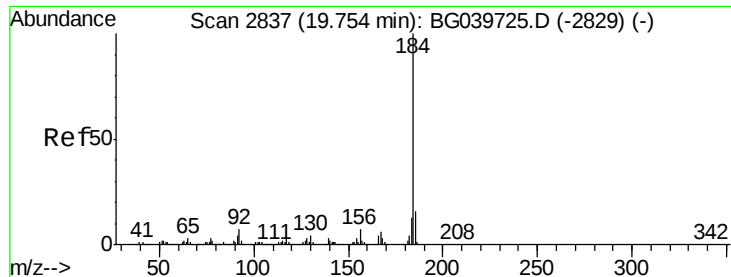
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Tgt Ion:240 Resp: 361115
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 26.6 21.0 31.4



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: 2.141 ng

RT: 20.11 min Scan# 2897

Delta R.T. 0.35 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

Instrument :

BNA_G

ClientSampleId :

PB117907BL

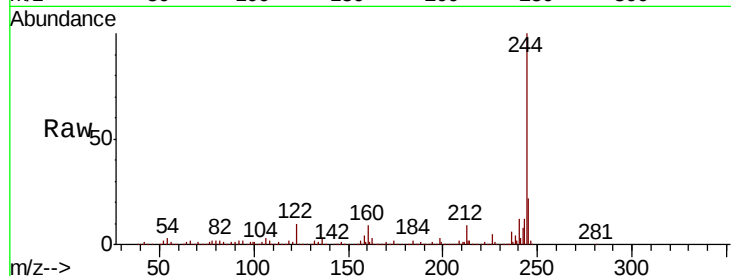
Tot Ion:184 Resp: 24537

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

183 6.4 10.6 15.8#

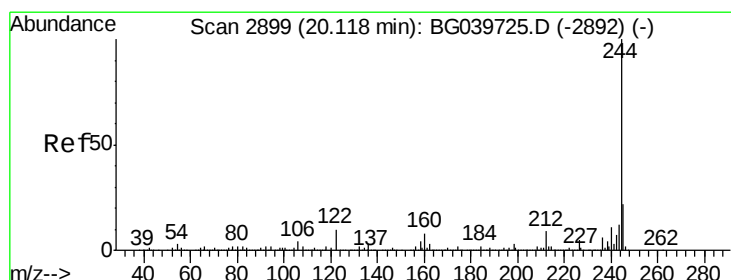
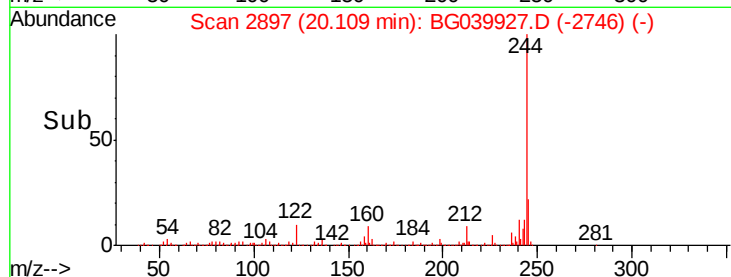
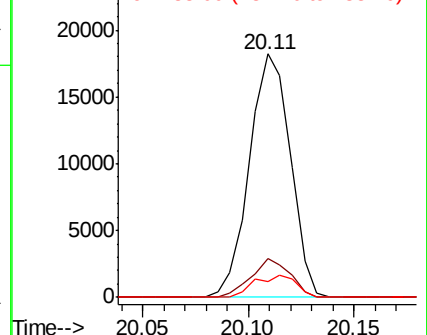


Abundance

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: 82.500 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039927.D

Acq: 14 Mar 2019 16:23

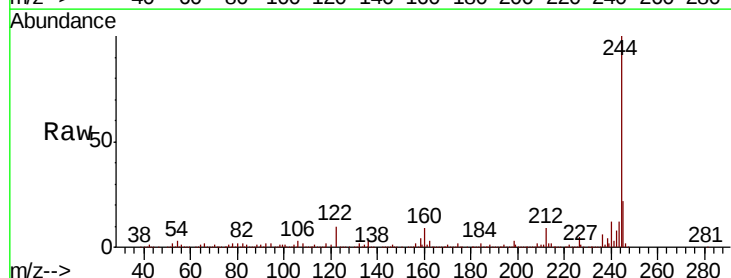
Tgt Ion:244 Resp: 1353065

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

122 10.1 8.4 12.6

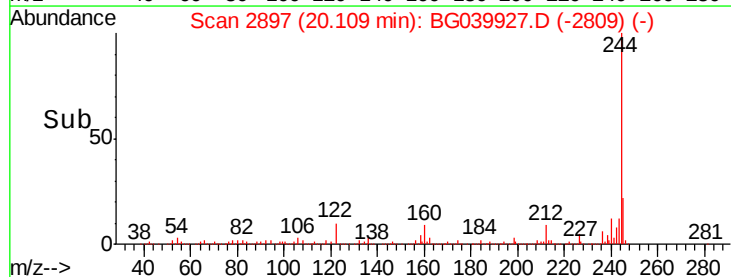
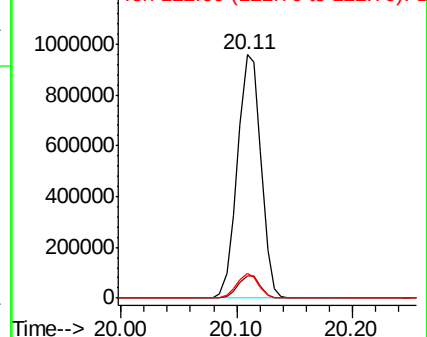


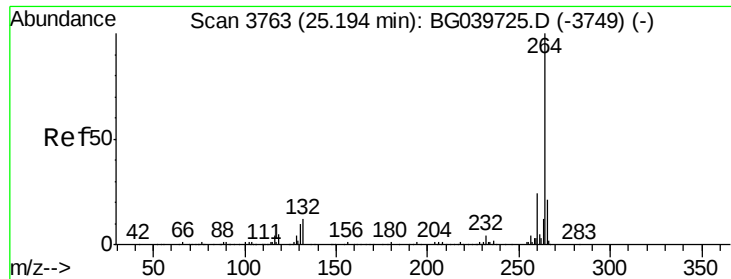
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039927.D
Acq: 14 Mar 2019 16:23

Instrument :
BNA_G
ClientSampleId :
PB117907BL

Tot Ion: 264 Resp: 355270

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	20.5	18.5	27.7

