

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039900.D
 Acq On : 13 Mar 2019 8:44
 Operator : JU/SJ
 Sample : PB117850BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 15:07:22 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

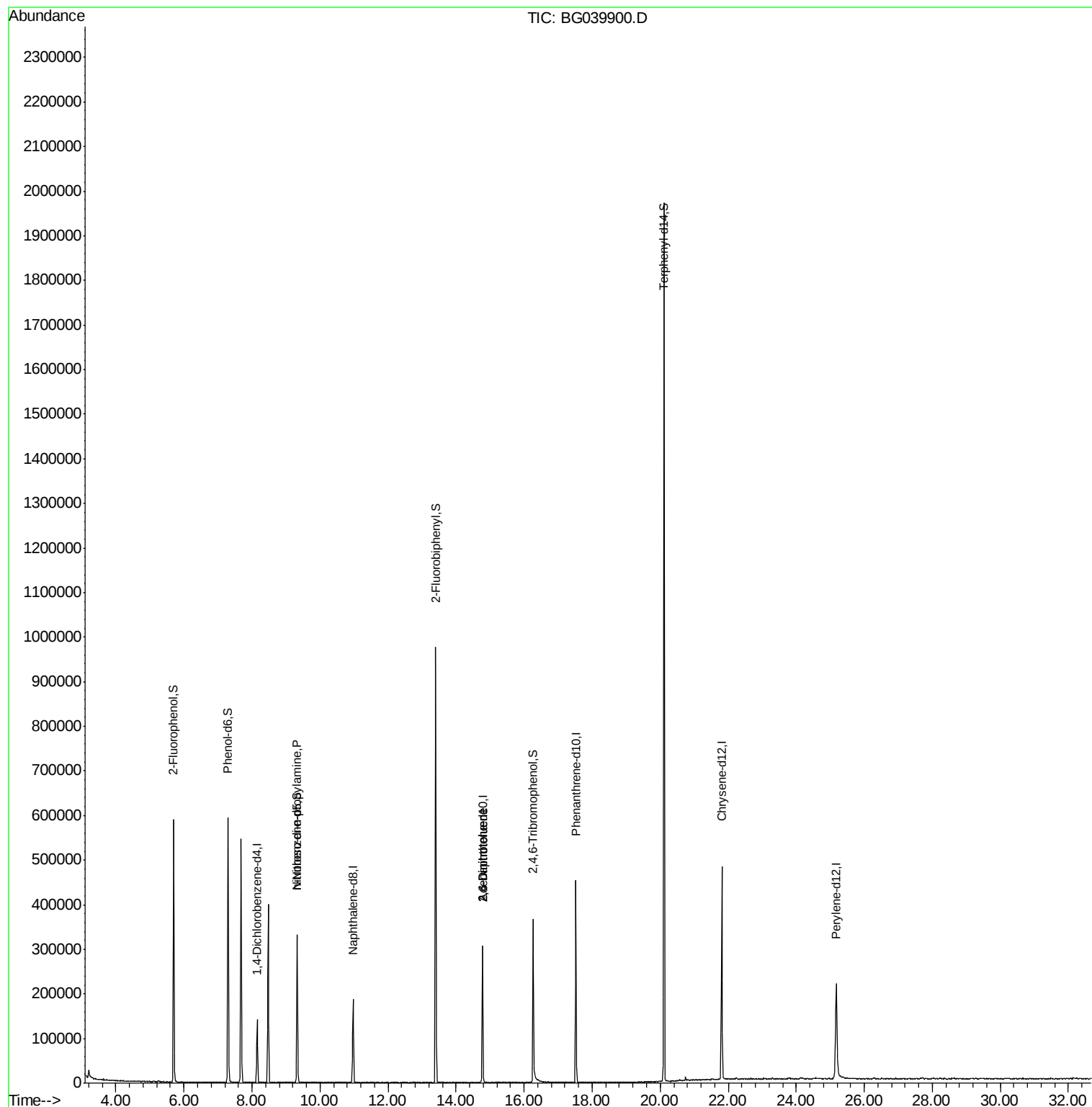
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40004	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	160397	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	108922	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	281331	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	311707	20.00	ng	-0.02
87) Perylene-d12	25.18	264	283482	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	245811	104.83	ng	-0.01
7) Phenol-d6	7.30	99	346988	99.24	ng	-0.01
23) Nitrobenzene-d5	9.33	82	197979	66.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	73719	58.07	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	509829	66.64	ng	-0.02
79) Terphenyl-d14	20.11	244	912290	64.44	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	25391	10.089	ng	# 74
51) 2,6-Dinitrotoluene	14.78	165	14339	7.426	ng	# 25
57) 2,4-Dinitrotoluene	14.78	165	14339	5.285	ng	# 20

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

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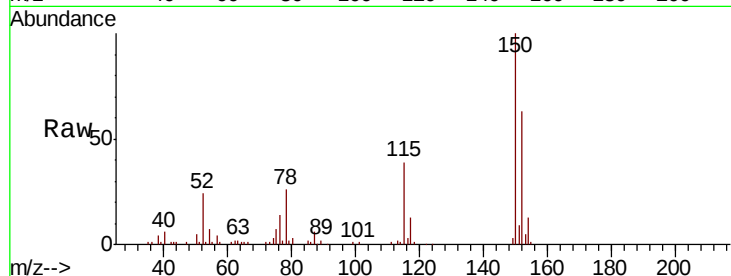


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039900.D
Acq: 13 Mar 2019 8:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.7	185.5
115	62.2	45.9	68.9

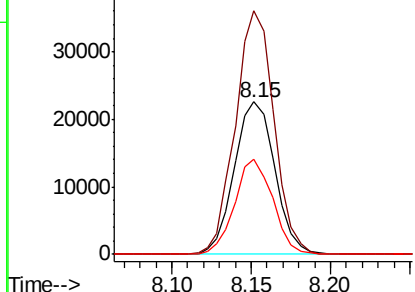
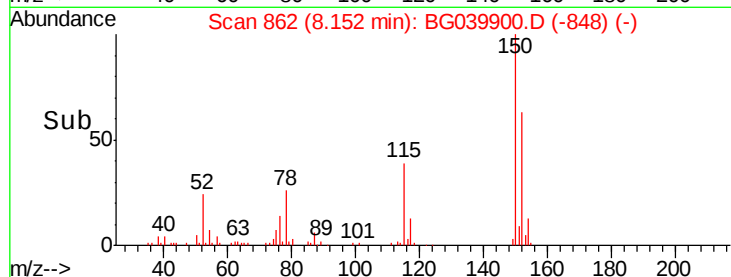


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

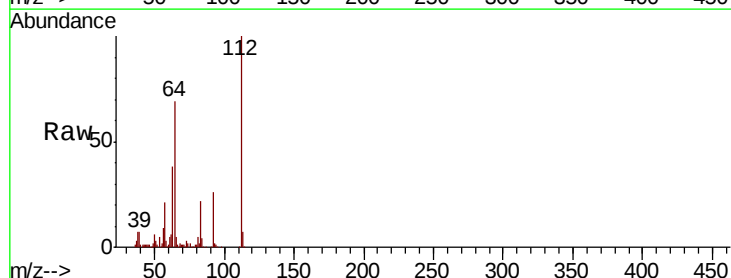
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.828 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039900.D
Acq: 13 Mar 2019 8:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.8	86.8
63	38.1	29.8	44.6

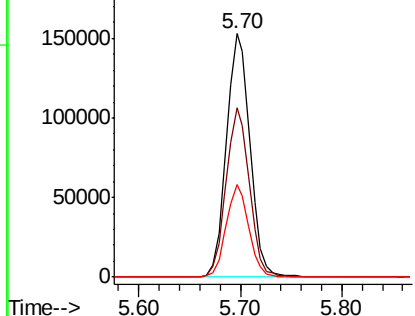
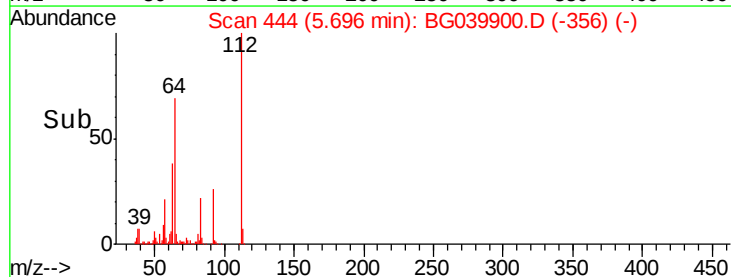


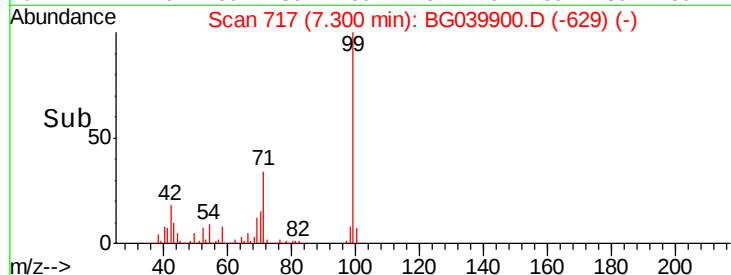
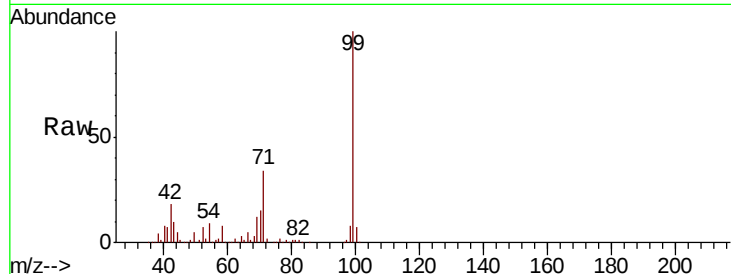
Abundance

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: 99.243 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039900.D

Acq: 13 Mar 2019 8:44

Instrument :

BNA_G

ClientSampled :

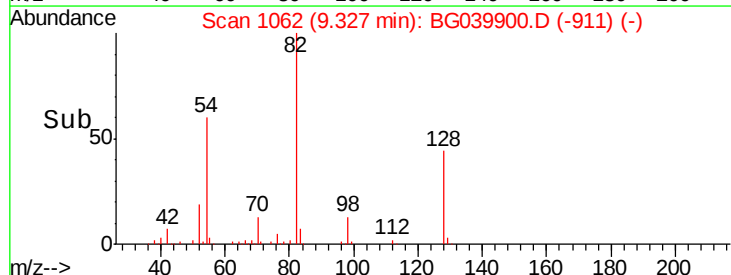
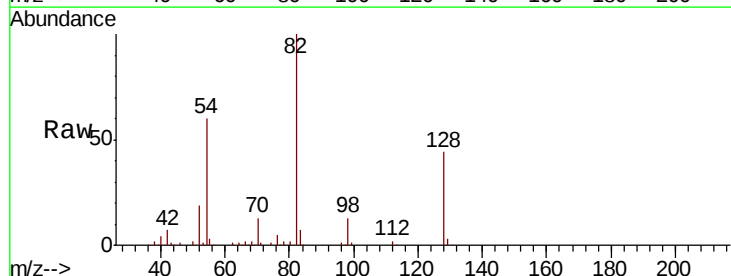
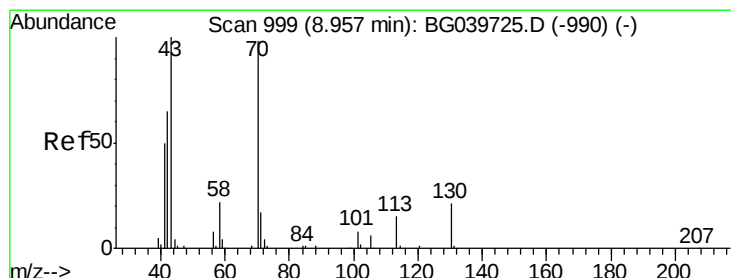
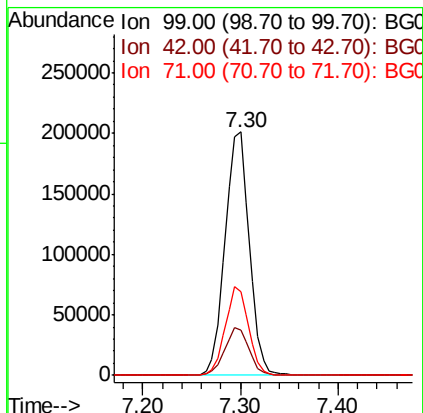
Tot Ion: 99 Resp: 346988

Ion Ratio Lower Upper

99 100

42 18.5 18.2 27.2

71 34.3 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.089 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039900.D

Acq: 13 Mar 2019 8:44

Tgt Ion: 70 Resp: 25391

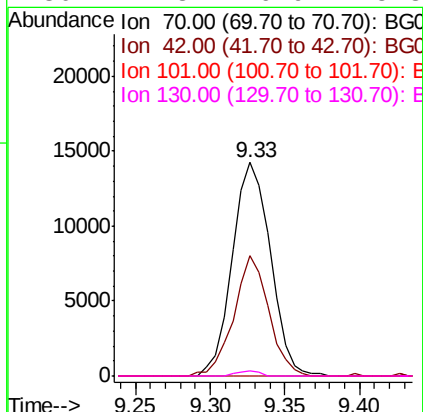
Ion Ratio Lower Upper

70 100

42 56.2 60.4 90.6#

101 0.0 7.5 11.3#

130 2.3 16.9 25.3#

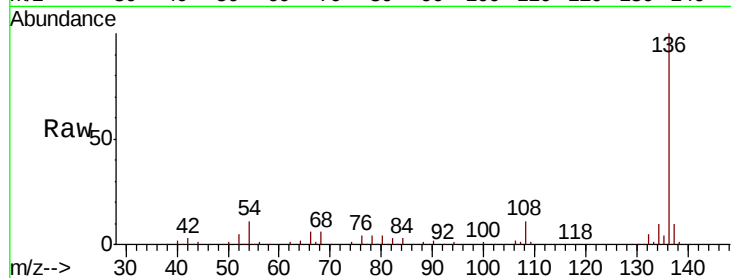




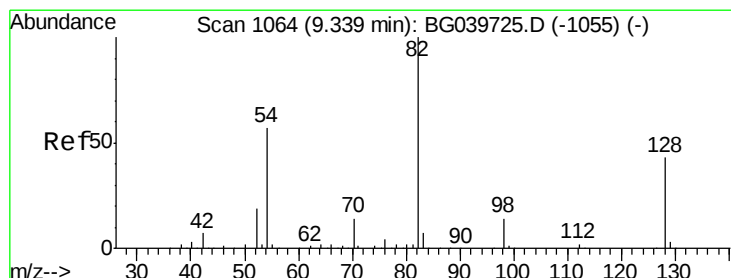
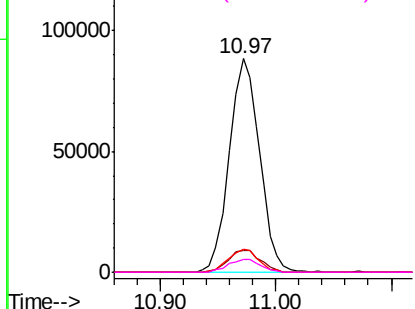
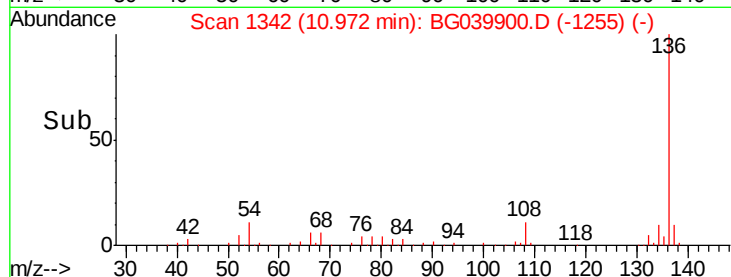
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039900.D
Acq: 13 Mar 2019 8:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	160397
Ion Ratio	Lower	Upper
136	100	
137	9.9	9.1 13.7
54	10.6	9.4 14.2
68	6.2	4.2 6.4

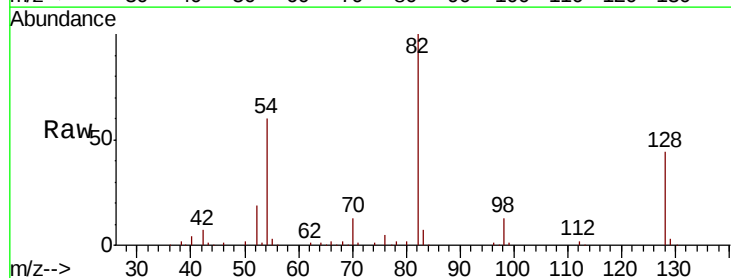


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

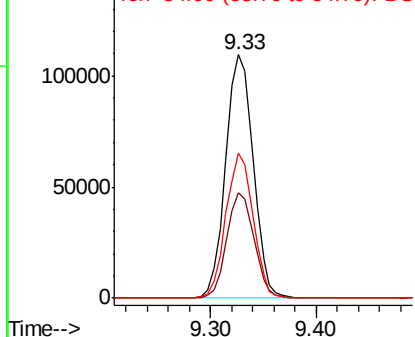
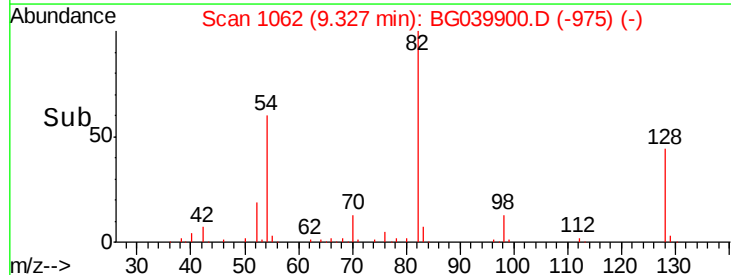


#23
Nitrobenzene-d5
Concen: 66.756 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039900.D
Acq: 13 Mar 2019 8:44

Tgt Ion: 82	Resp:	197979
Ion Ratio	Lower	Upper
82	100	
128	43.5	31.3 46.9
54	59.5	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: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039900.D

Acq: 13 Mar 2019 8:44

Instrument :

BNA_G

ClientSampleId :

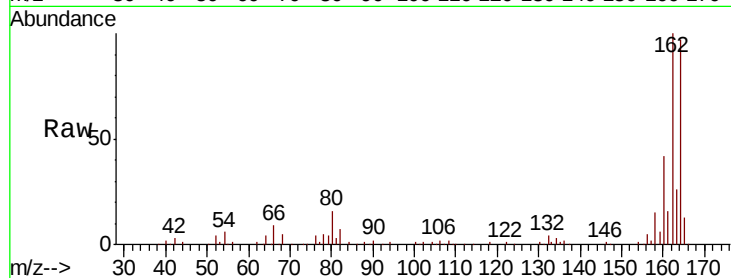
Tot Ion:164 Resp: 108922

Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

160 43.0 34.2 51.2

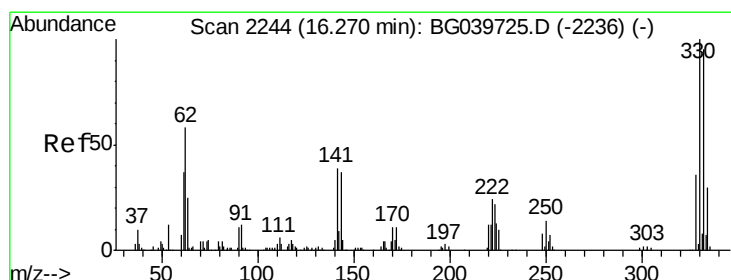
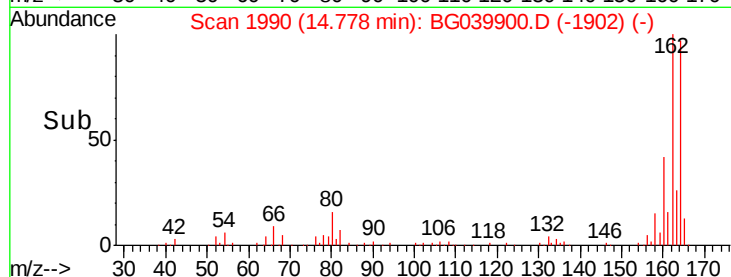
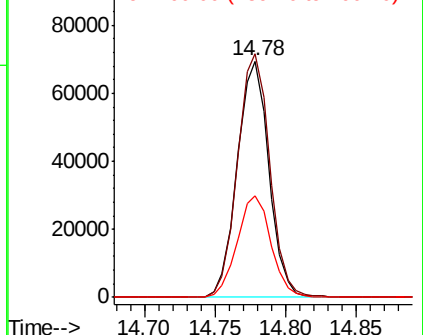


Abundance

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: 58.066 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039900.D

Acq: 13 Mar 2019 8:44

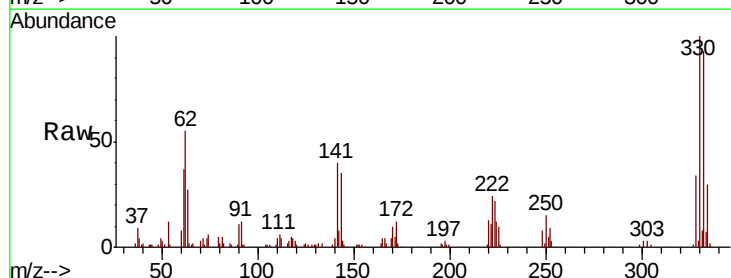
Tgt Ion:330 Resp: 73719

Ion Ratio Lower Upper

330 100

332 97.6 75.7 113.5

141 41.9 35.6 53.4

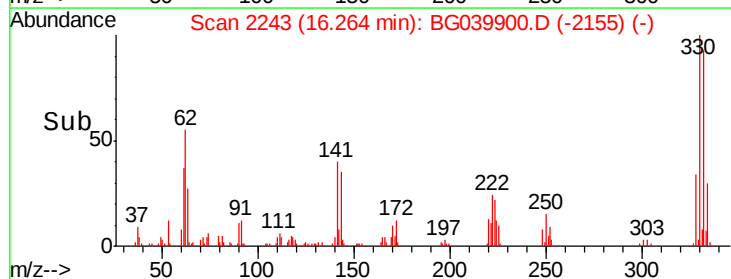
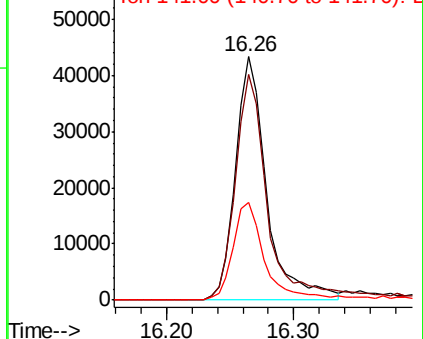


Abundance

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

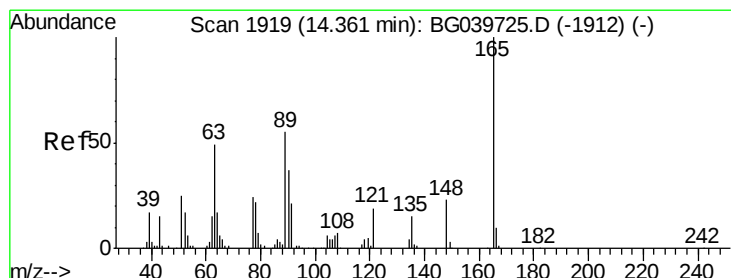
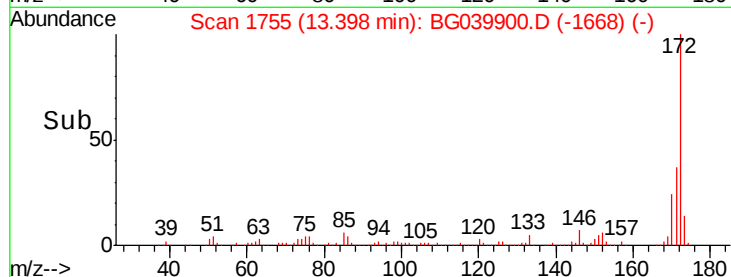
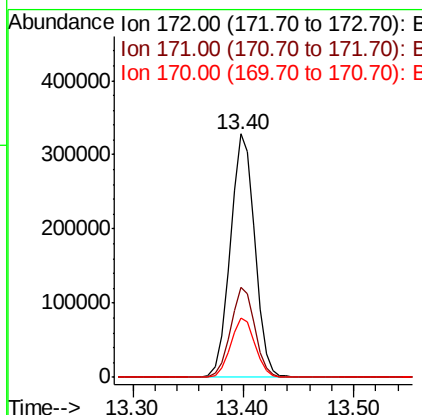
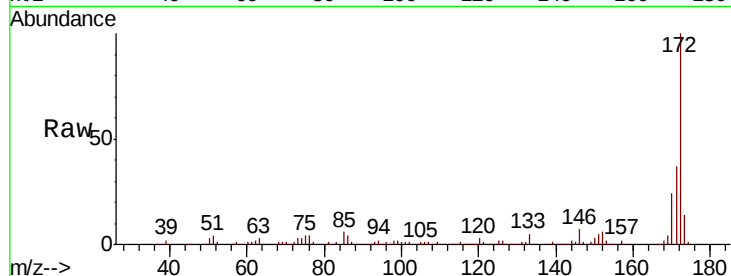




#45
 2-Fluorobiphenyl
 Concen: 66.645 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039900.D
 Acq: 13 Mar 2019 8:44

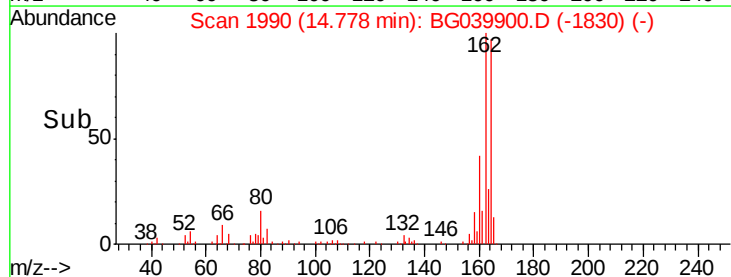
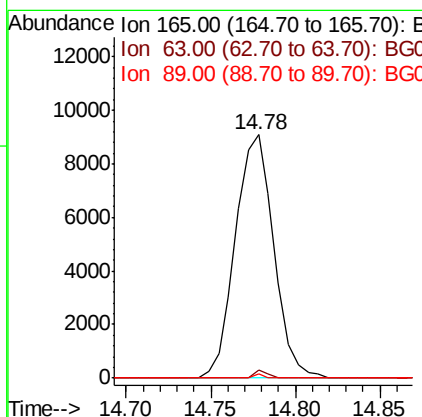
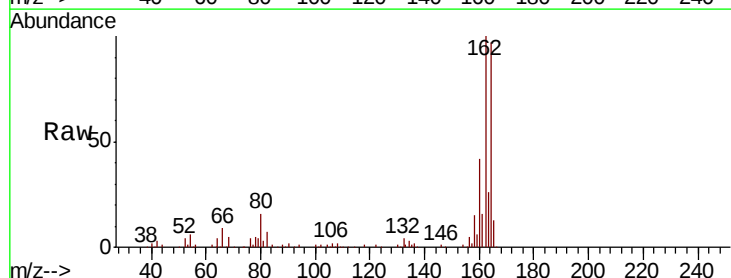
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.2	20.2	30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.426 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.41 min
 Lab File: BG039900.D
 Acq: 13 Mar 2019 8:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.2	47.0	70.6#
89	1.7	45.8	68.8#

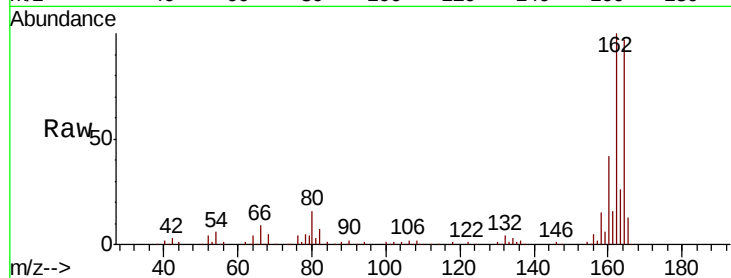




#57
 2,4-Dinitrotoluene
 Concen: 5.285 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039900.D
 Acq: 13 Mar 2019 8:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.2	41.0	61.6#
89	1.7	64.6	96.8#
182	0.0	2.0	3.0#

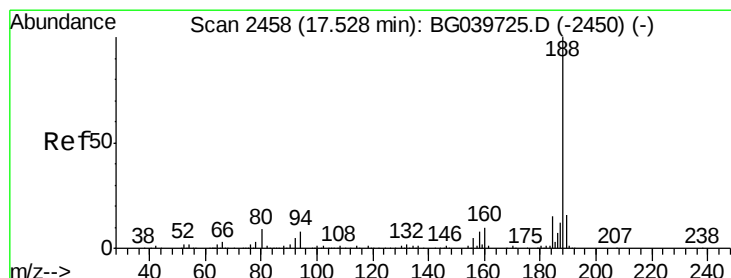
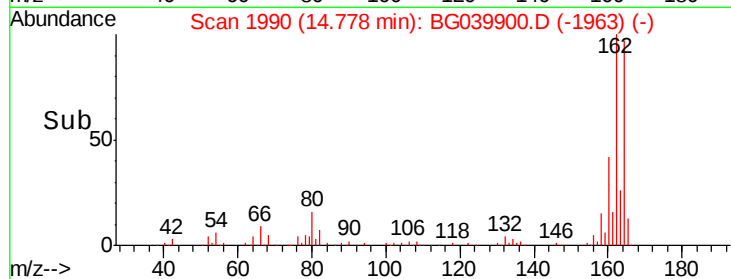
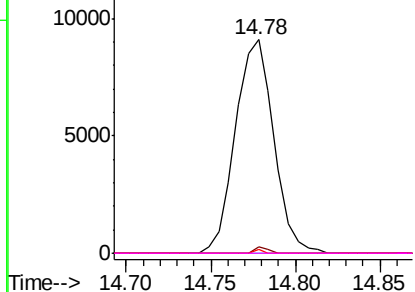


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

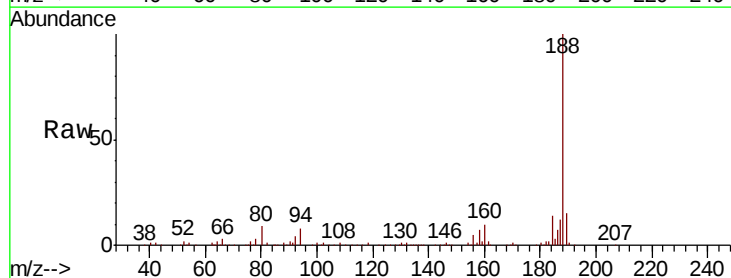
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039900.D
 Acq: 13 Mar 2019 8:44

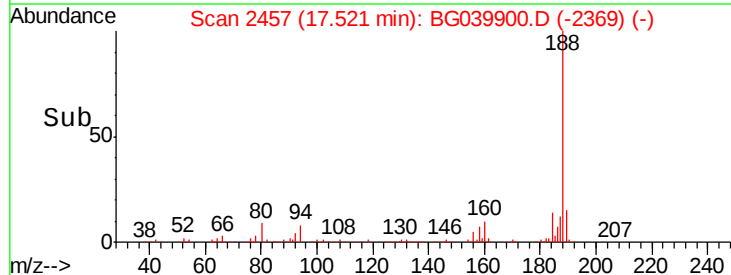
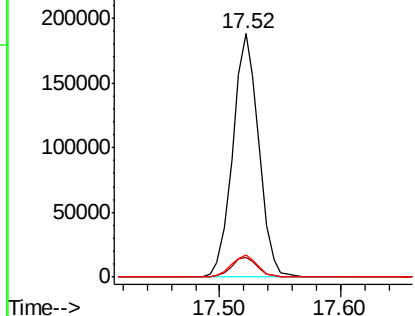
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.9	8.1	12.1

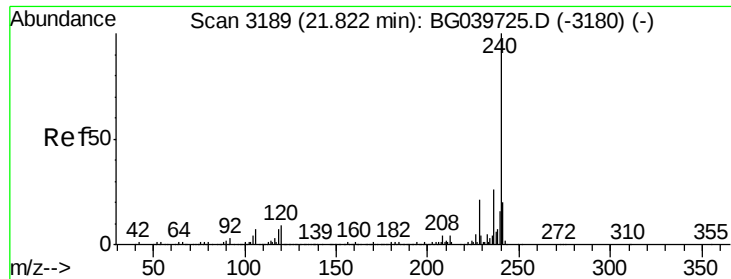


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

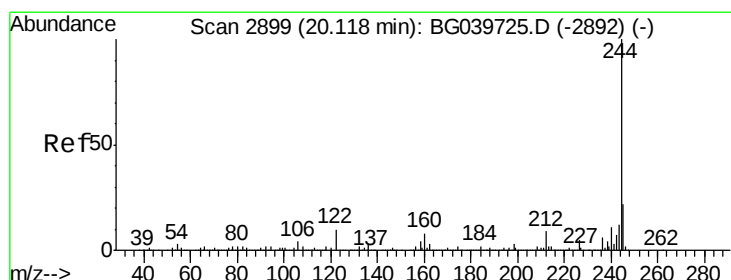
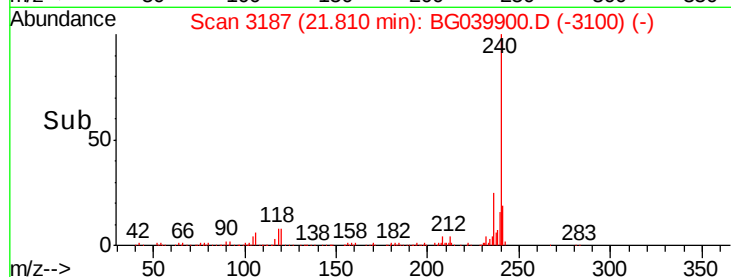
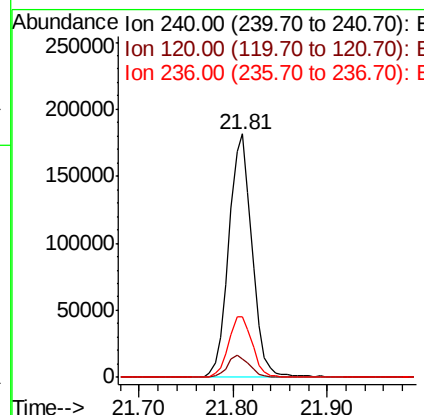
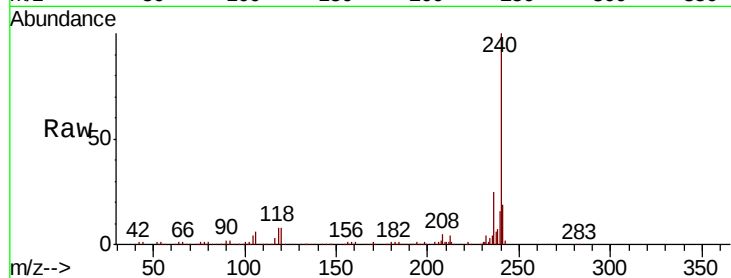




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039900.D
Acq: 13 Mar 2019 8:44

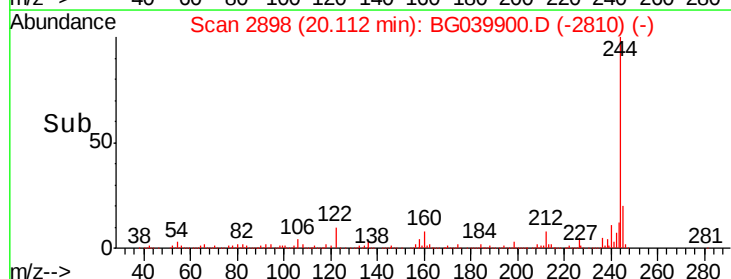
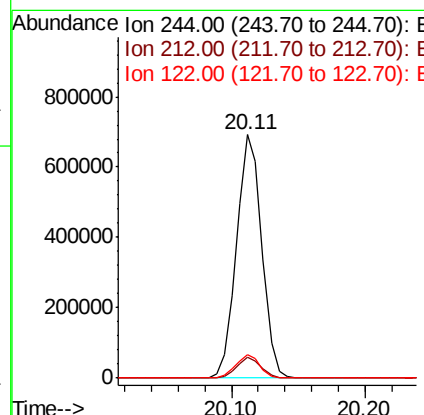
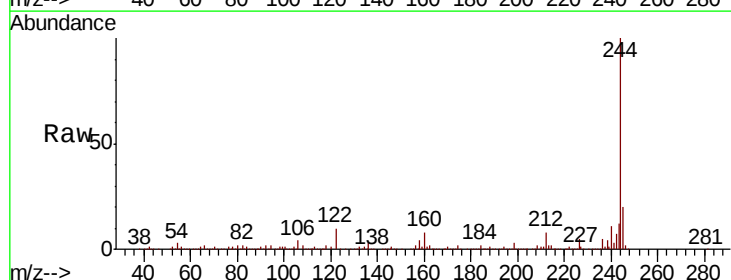
Instrument :
BNA_G
ClientSampleId :

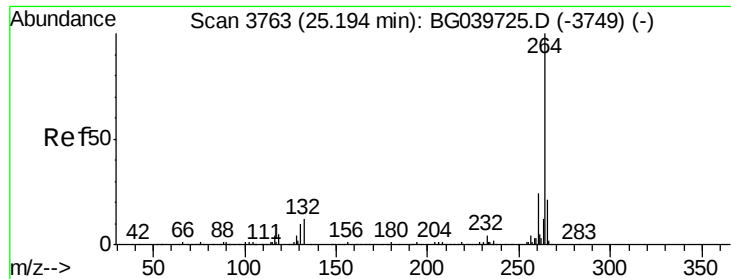
Tot Ion:240 Resp: 311707
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 24.8 21.0 31.4



#79
Terphenyl-d14
Concen: 64.441 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039900.D
Acq: 13 Mar 2019 8:44

Tgt Ion:244 Resp: 912290
Ion Ratio Lower Upper
244 100
212 8.5 7.3 10.9
122 9.6 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG039900.D
Acq: 13 Mar 2019 8:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 264 Resp: 283482

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	20.7	18.5	27.7

