

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039903.D
 Acq On : 13 Mar 2019 10:44
 Operator : JU/SJ
 Sample : PB117835BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 15:08:16 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

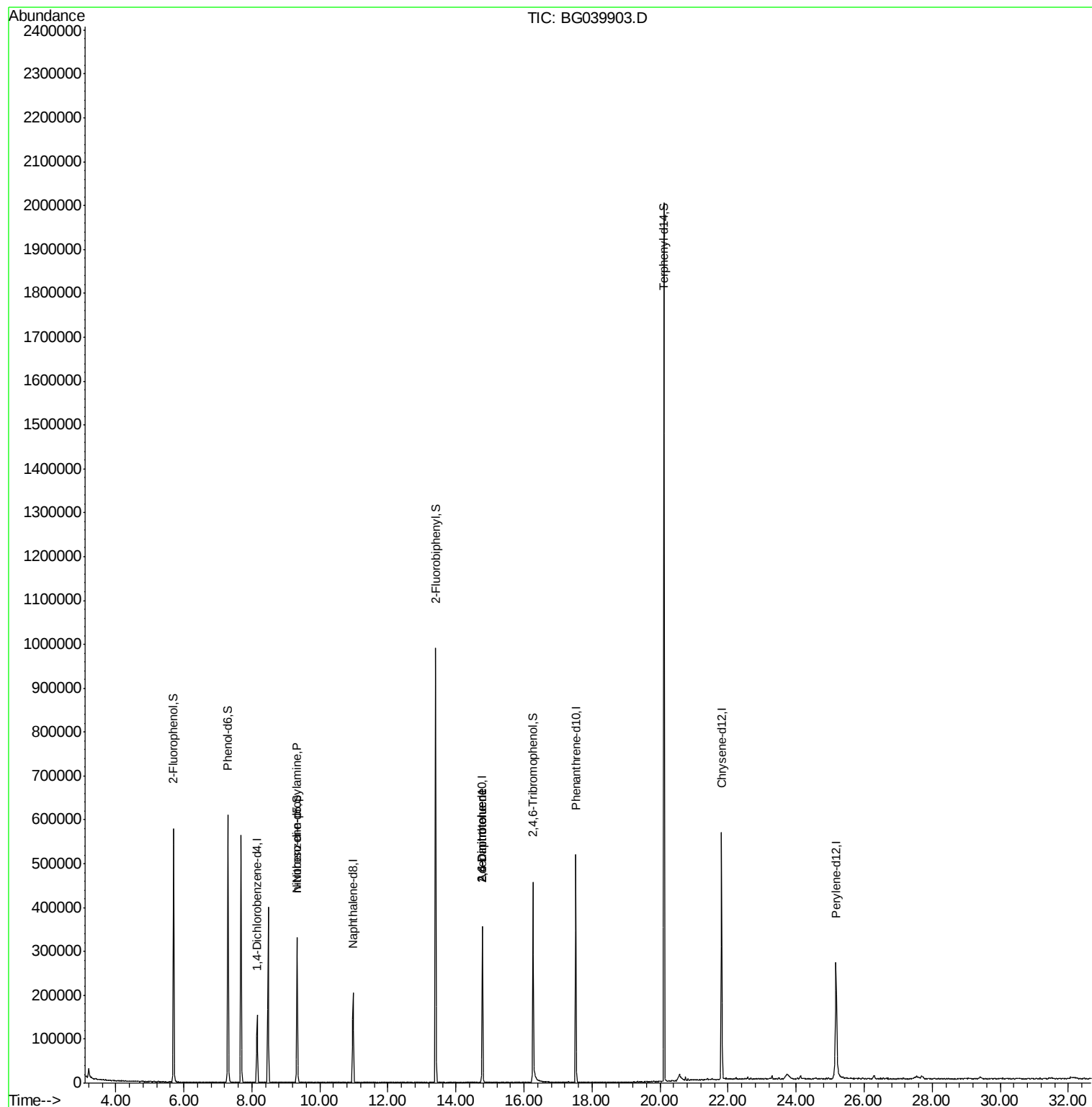
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44264	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	179640	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	128402	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	329970	20.00	ng	0.00
76) Chrysene-d12	21.81	240	353659	20.00	ng	-0.02
87) Perylene-d12	25.17	264	332173	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	243437	93.82	ng	0.00
7) Phenol-d6	7.30	99	352111	91.02	ng	-0.02
23) Nitrobenzene-d5	9.33	82	199867	60.17	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	94853	63.38	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	520239	57.69	ng	-0.02
79) Terphenyl-d14	20.11	244	938913	58.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	26570	9.542	ng	# 64
51) 2,6-Dinitrotoluene	14.77	165	16302	7.162	ng	# 22
57) 2,4-Dinitrotoluene	14.77	165	16302	5.097	ng	# 17

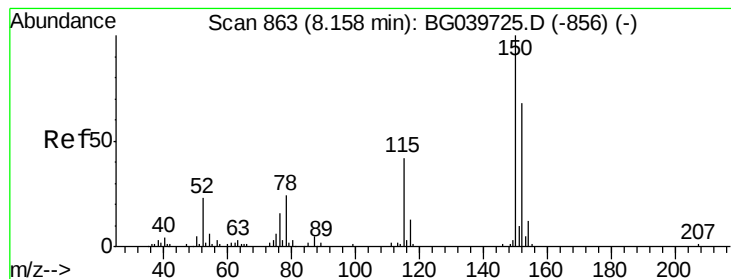
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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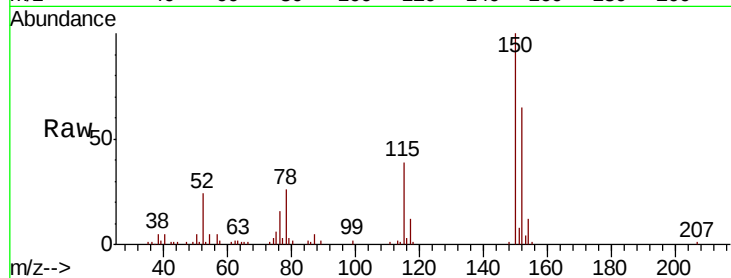


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039903.D
Acq: 13 Mar 2019 10:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.7	185.5
115	59.6	45.9	68.9

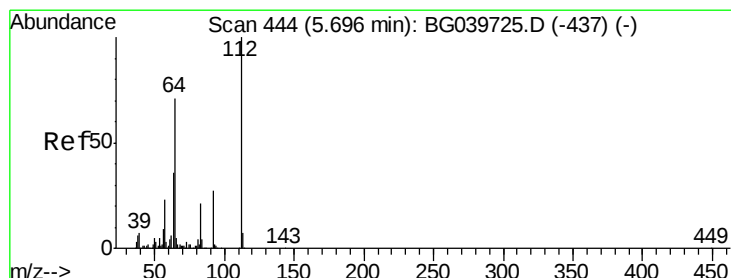
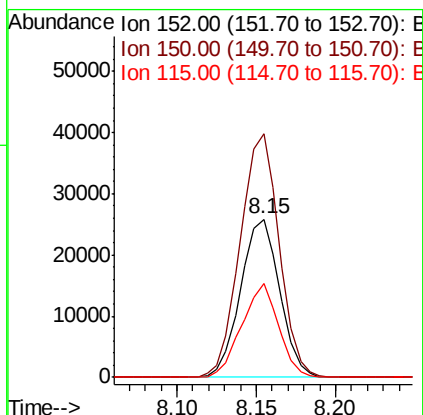
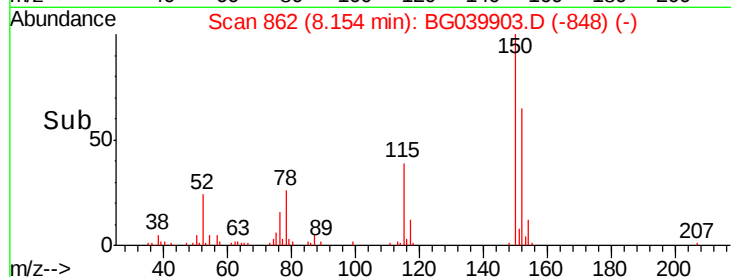


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

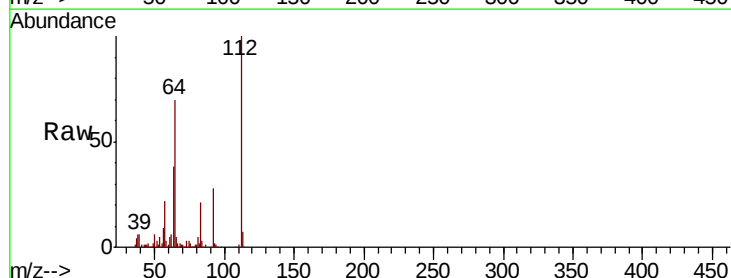
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.825 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039903.D
Acq: 13 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.8	86.8
63	37.7	29.8	44.6

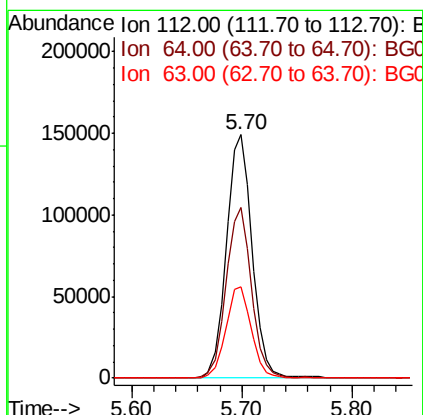
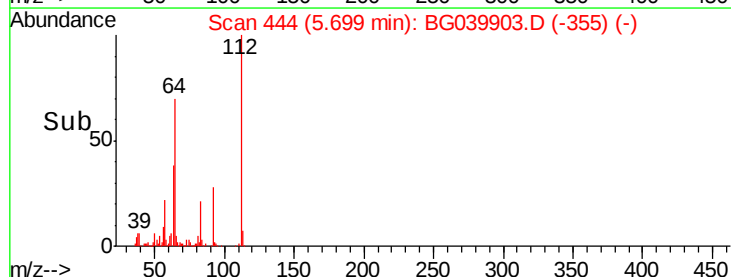


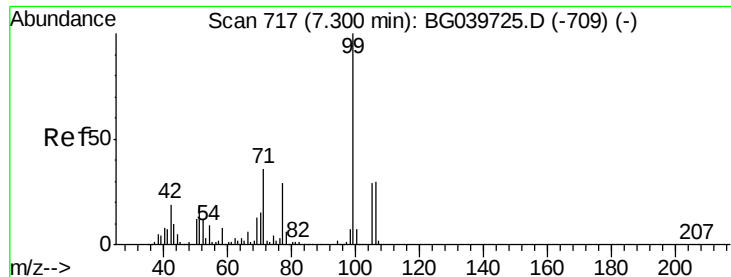
Abundance

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: 91.016 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039903.D

Acq: 13 Mar 2019 10:44

Instrument :

BNA_G

ClientSampled :

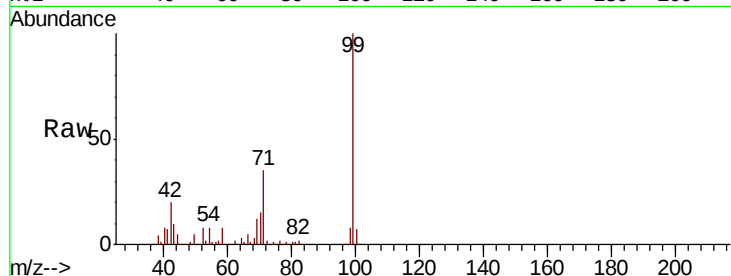
Tot Ion: 99 Resp: 352111

Ion Ratio Lower Upper

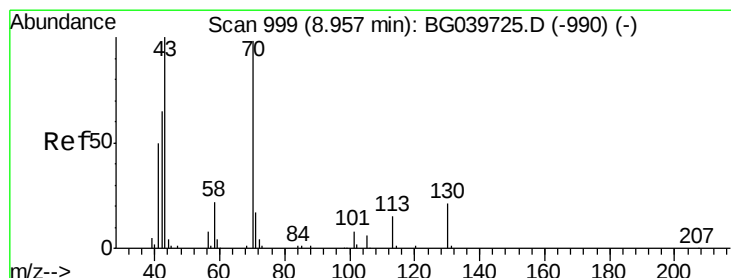
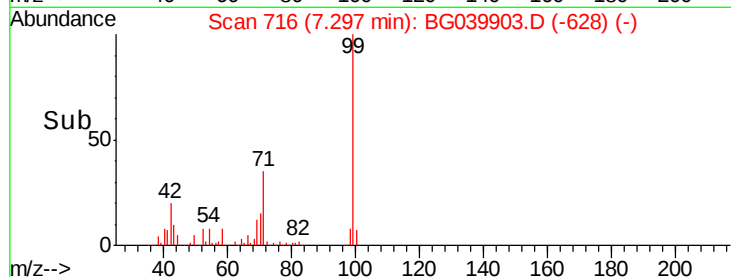
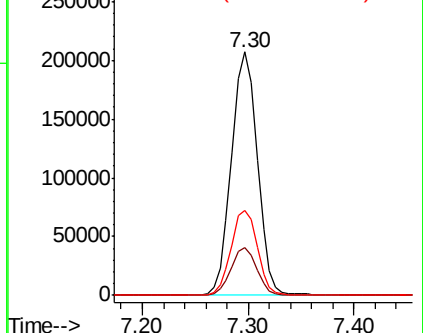
99 100

42 19.9 18.2 27.2

71 35.0 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: 9.542 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039903.D

Acq: 13 Mar 2019 10:44

Tgt Ion: 70 Resp: 26570

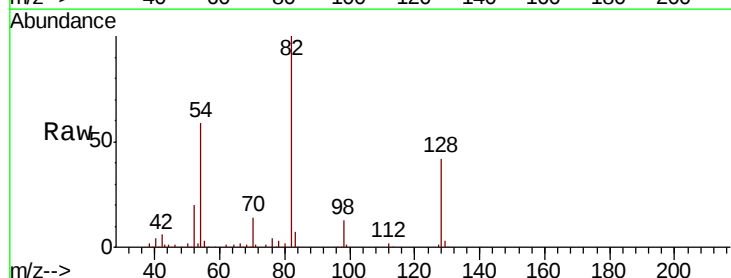
Ion Ratio Lower Upper

70 100

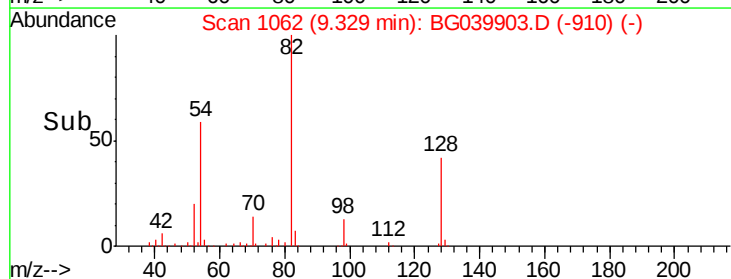
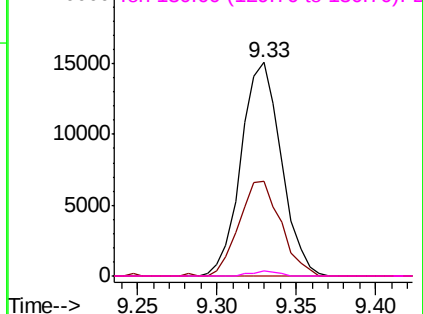
42 44.1 60.4 90.6#

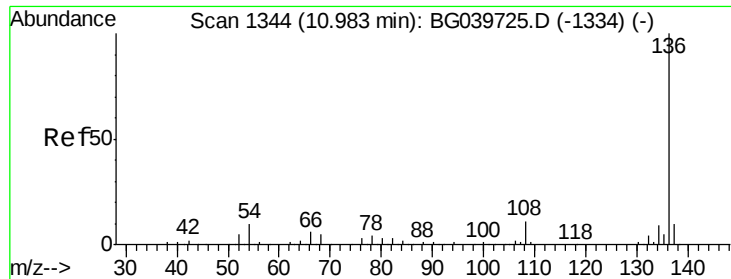
101 0.0 7.5 11.3#

130 2.2 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

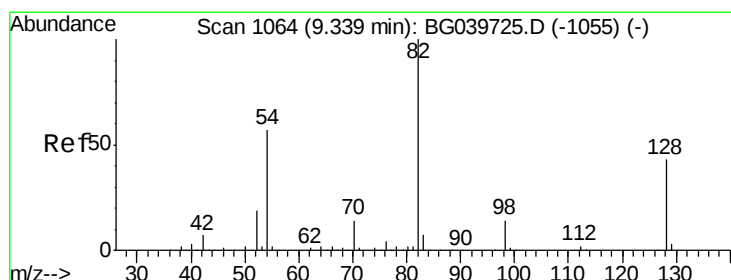
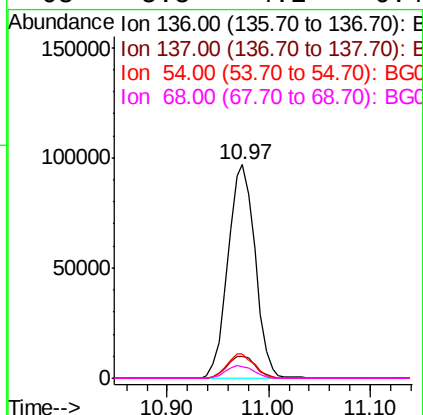
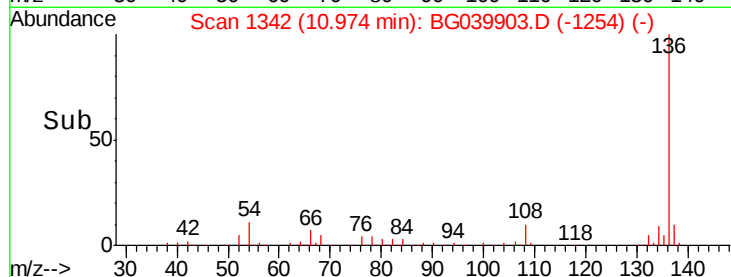
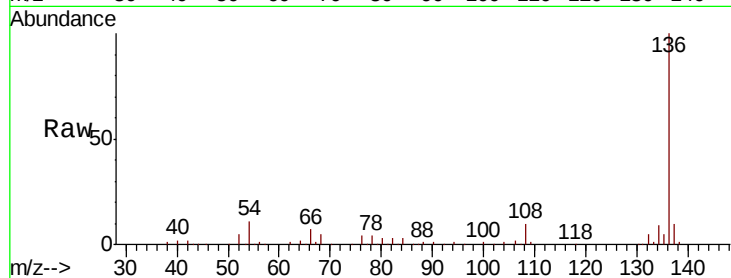




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039903.D
Acq: 13 Mar 2019 10:44

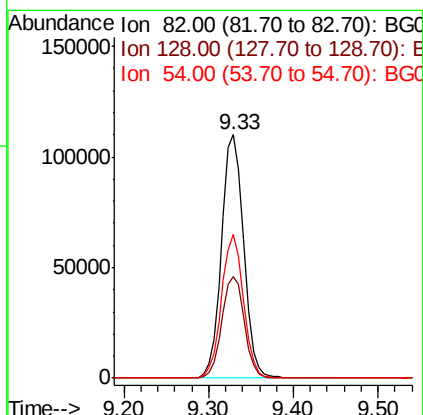
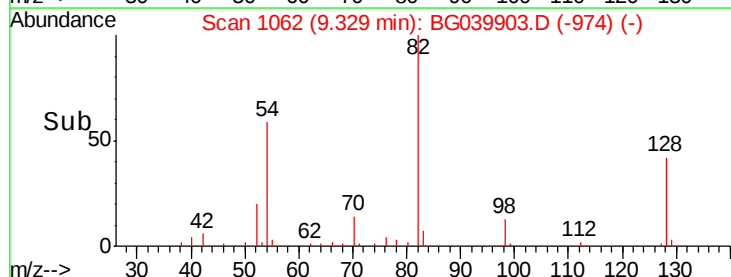
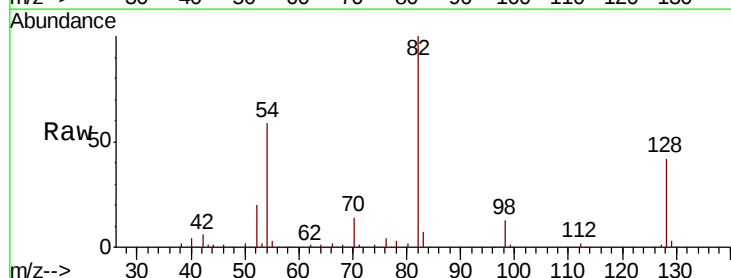
Instrument :
BNA_G
ClientSampled :

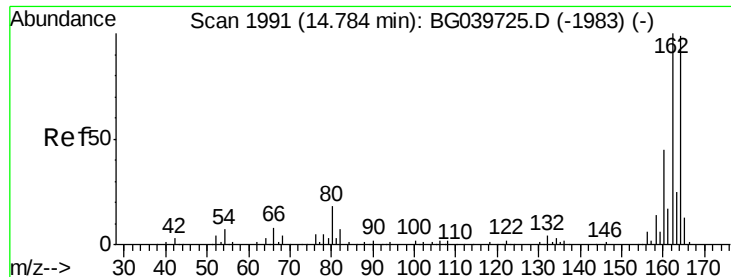
Tot Ion:136	Resp:	179640
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.1 13.7
54	11.3	9.4 14.2
68	5.5	4.2 6.4



#23
Nitrobenzene-d5
Concen: 60.174 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039903.D
Acq: 13 Mar 2019 10:44

Tgt Ion: 82	Resp:	199867
Ion Ratio	Lower	Upper
82	100	
128	41.9	31.3 46.9
54	58.9	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039903.D

Acq: 13 Mar 2019 10:44

Instrument :

BNA_G

ClientSampled :

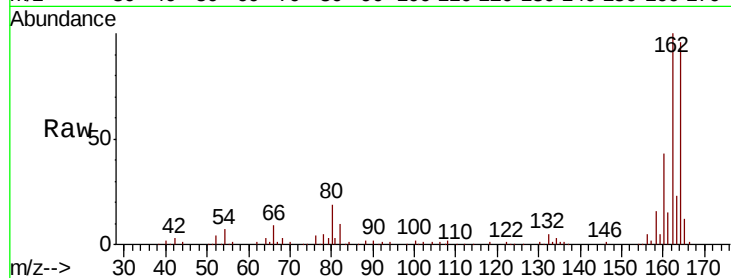
Tot Ion:164 Resp: 128402

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

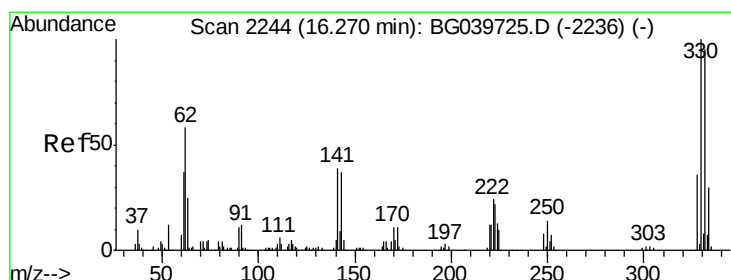
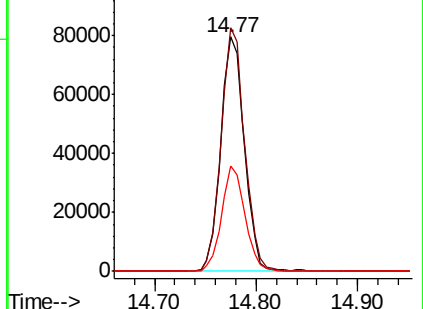
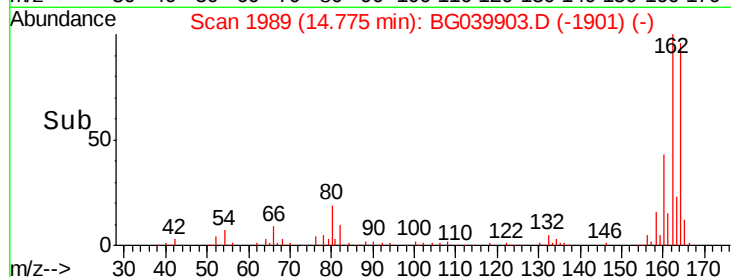
160 44.9 34.2 51.2



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: 63.378 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039903.D

Acq: 13 Mar 2019 10:44

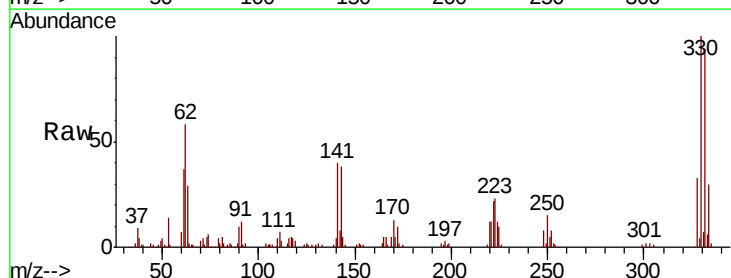
Tgt Ion:330 Resp: 94853

Ion Ratio Lower Upper

330 100

332 97.3 75.7 113.5

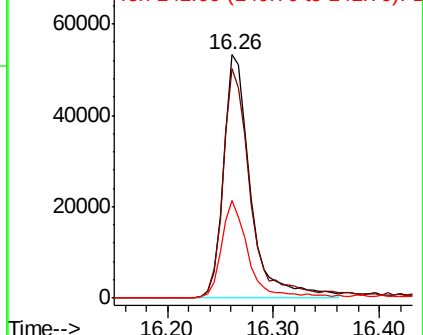
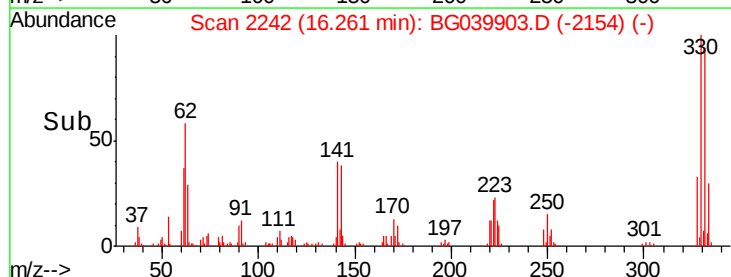
141 40.1 35.6 53.4

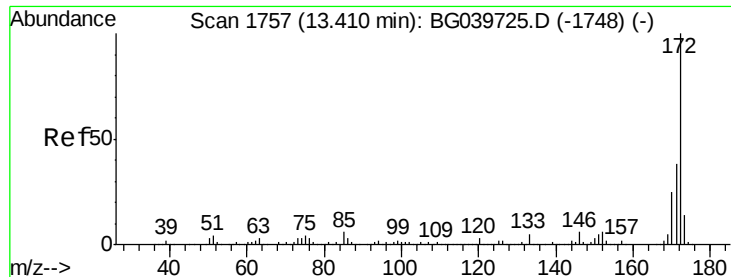


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

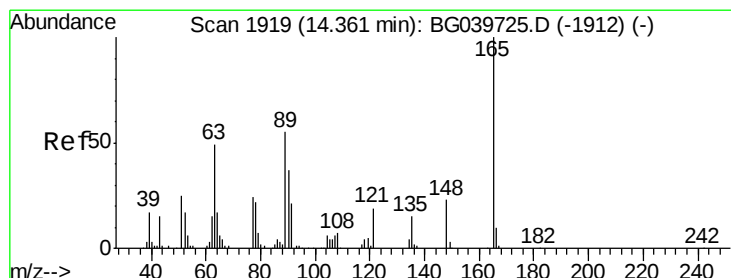
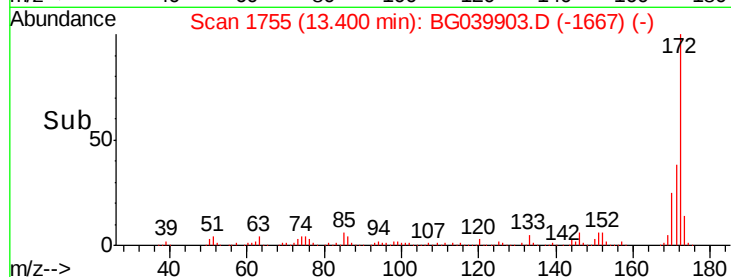
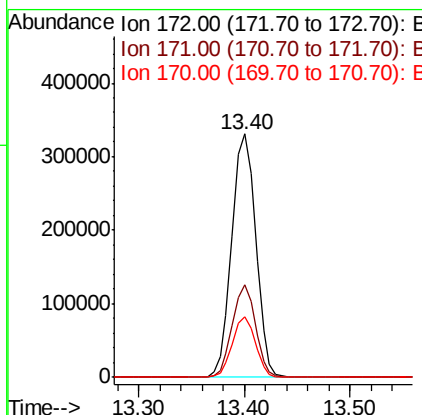
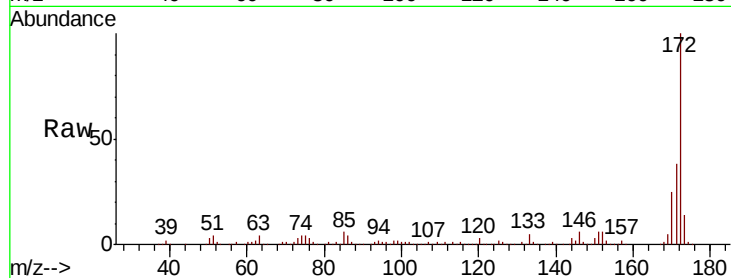




#45
 2-Fluorobiphenyl
 Concen: 57.688 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039903.D
 Acq: 13 Mar 2019 10:44

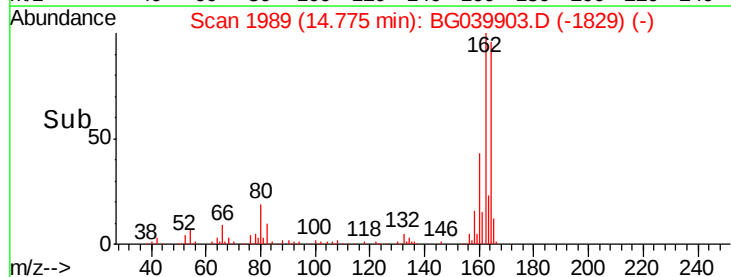
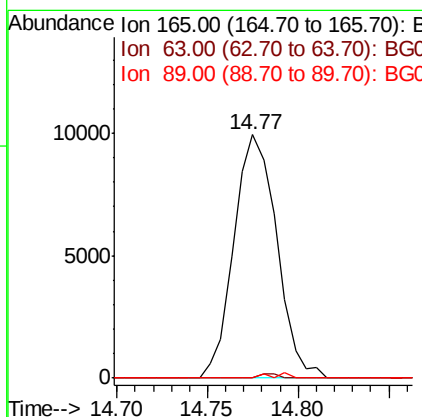
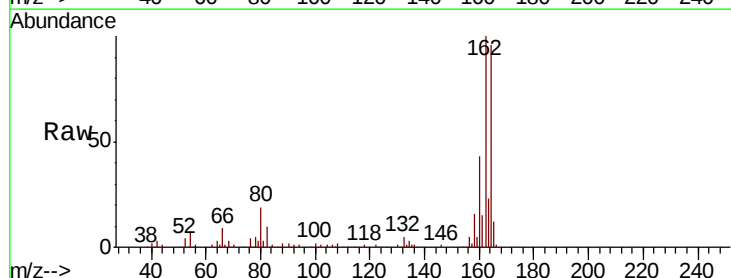
Instrument :
 BNA_G
 ClientSampled :

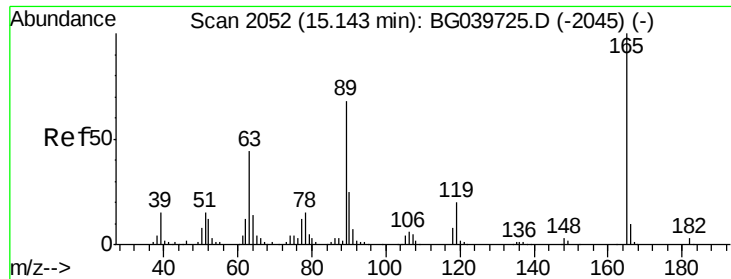
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	24.7	20.2	30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.162 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.41 min
 Lab File: BG039903.D
 Acq: 13 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	0.0	45.8	68.8#

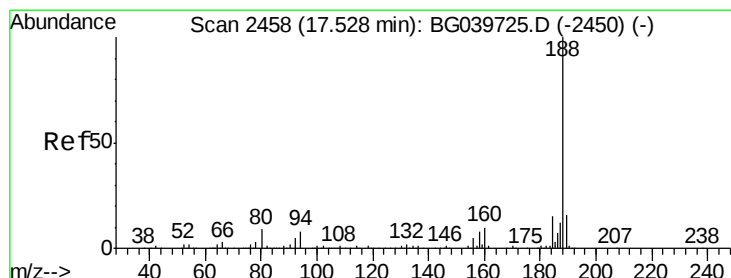
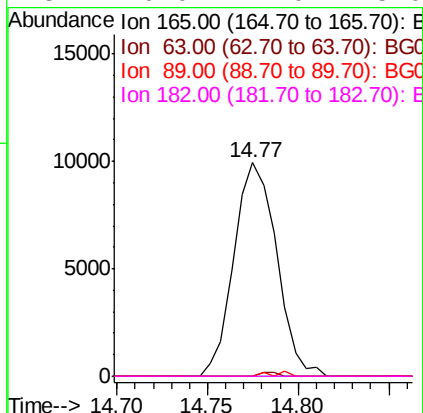
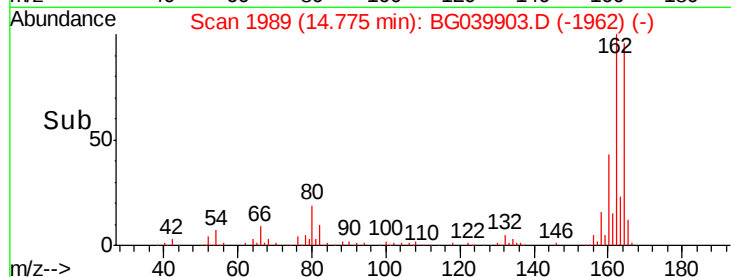
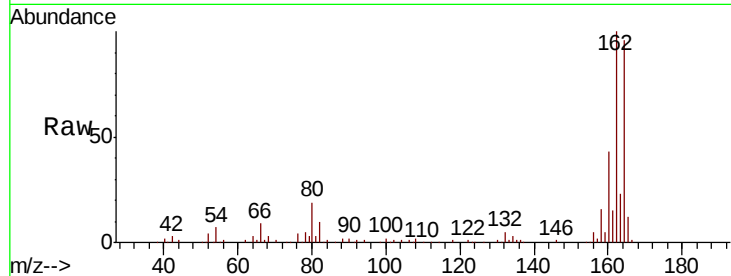




#57
 2,4-Dinitrotoluene
 Concen: 5.097 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.37 min
 Lab File: BG039903.D
 Acq: 13 Mar 2019 10:44

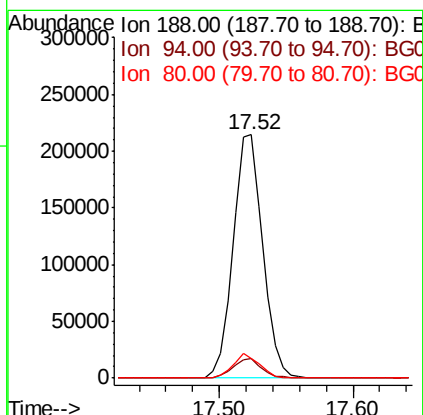
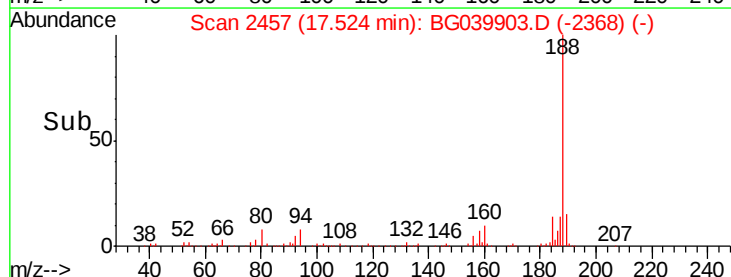
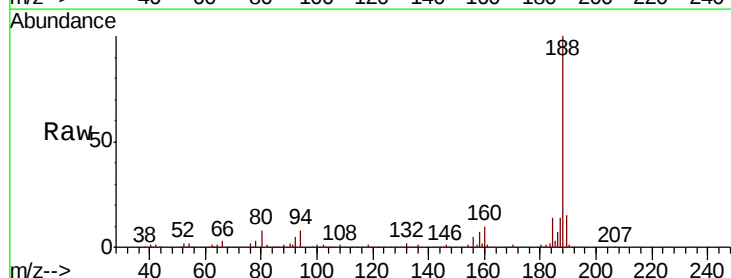
Instrument :
 BNA_G
 ClientSampleId :

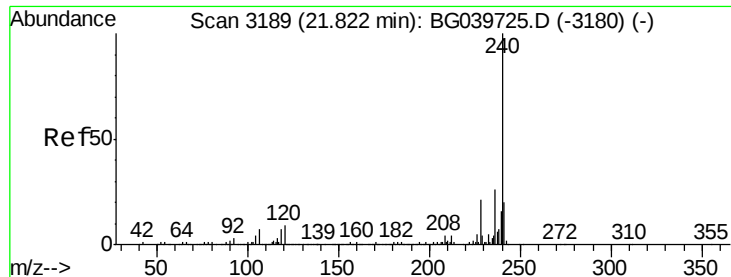
Tot Ion:165	Resp:	16302
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.0 61.6#
89	0.0	64.6 96.8#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039903.D
 Acq: 13 Mar 2019 10:44

Tgt Ion:188	Resp:	329970
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.9 10.3
80	8.2	8.1 12.1

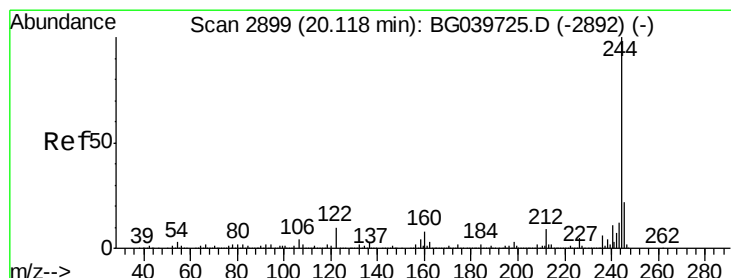
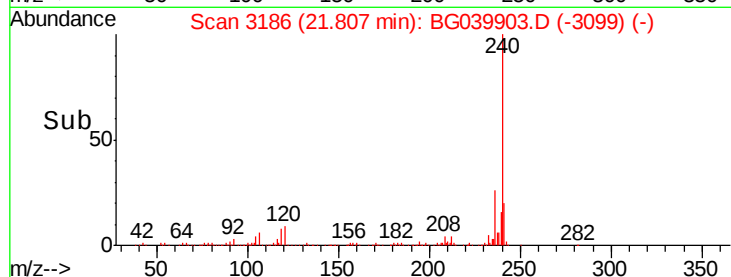
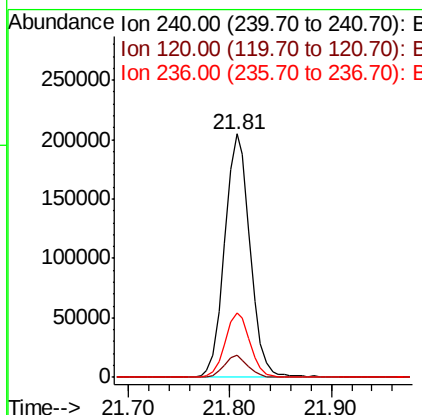
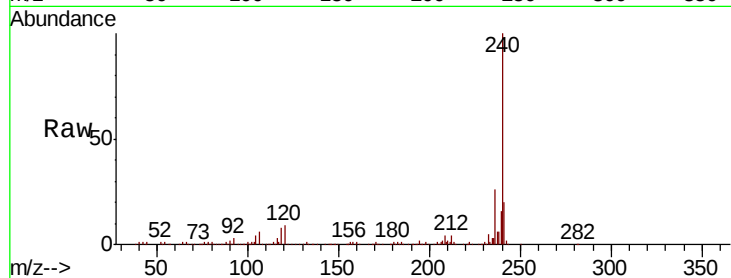




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG039903.D
 Acq: 13 Mar 2019 10:44

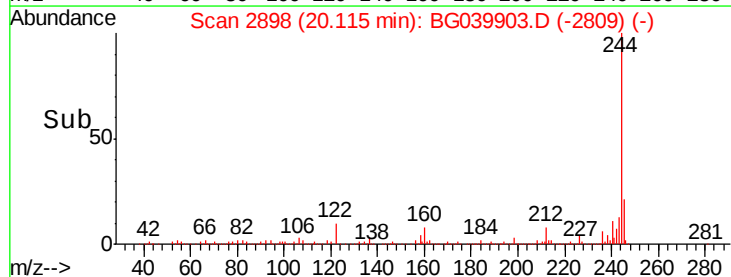
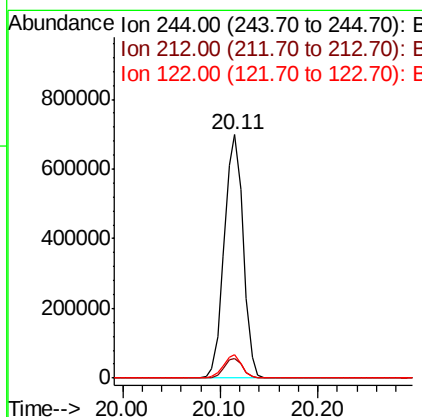
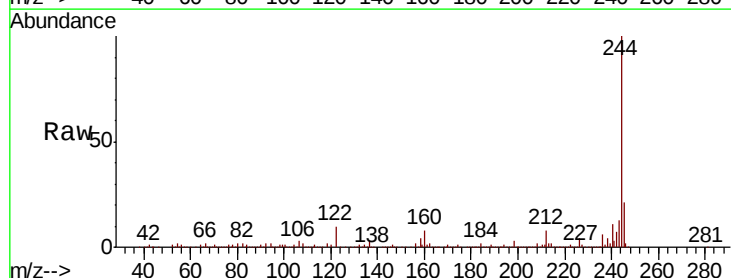
Instrument :
 BNA_G
 ClientSampled :

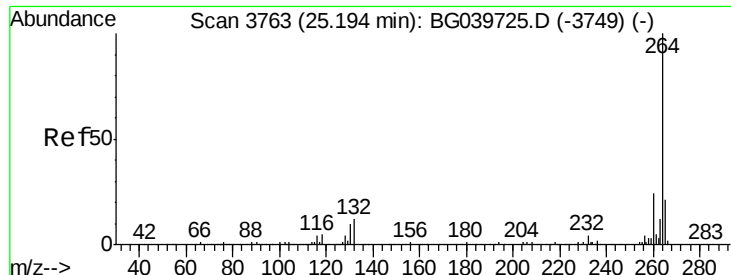
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	26.4	21.0	31.4



#79
 Terphenyl-d14
 Concen: 58.455 ng
 RT: 20.11 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: BG039903.D
 Acq: 13 Mar 2019 10:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.3	10.9
122	9.8	8.4	12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.17 min Scan# 3759
 Delta R.T. -0.03 min
 Lab File: BG039903.D
 Acq: 13 Mar 2019 10:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.4
265	22.6	18.5	27.7

