

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
 Data File : BG039919.D
 Acq On : 14 Mar 2019 2:01
 Operator : JU/SJ
 Sample : K1871-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 14 04:21:37 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

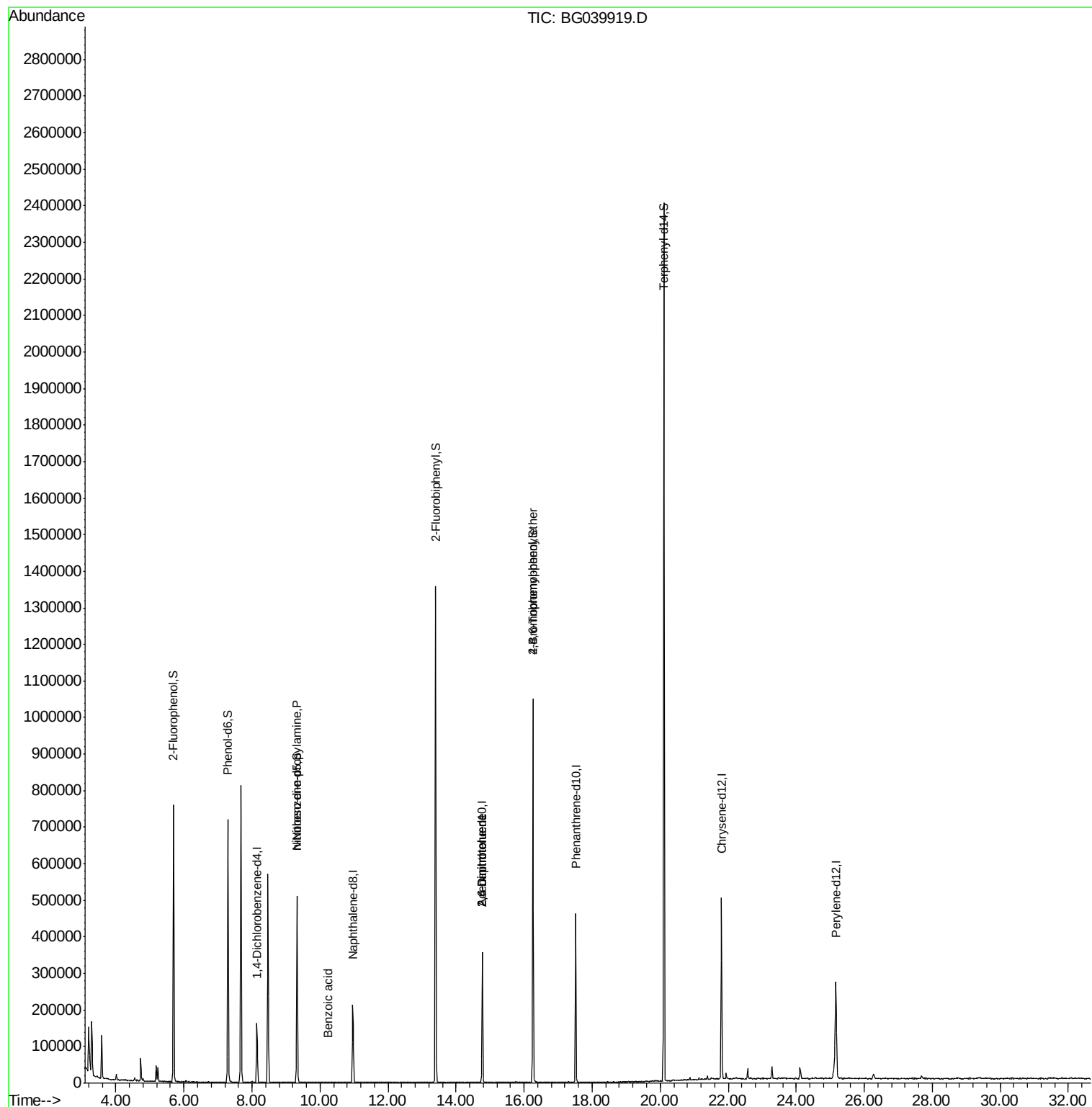
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44335	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183257	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	118160	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	277017	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	300784	20.00	ng	-0.02
87) Perylene-d12	25.16	264	300487	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	306675	118.01	ng	-0.01
7) Phenol-d6	7.29	99	396760	102.39	ng	-0.02
23) Nitrobenzene-d5	9.33	82	298202	88.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	171572	124.58	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	707410	85.24	ng	-0.02
79) Terphenyl-d14	20.11	244	1095591	80.20	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	40019	14.349	ng	# 70
32) Benzoic acid	10.24	122	55	6.624	ng	# 93
51) 2,6-Dinitrotoluene	14.77	165	15654	7.473	ng	# 23
57) 2,4-Dinitrotoluene	14.77	165	15654	5.319	ng	# 18
67) 4-Bromophenyl-phenylether	16.26	248	13449	4.337	ng	# 1

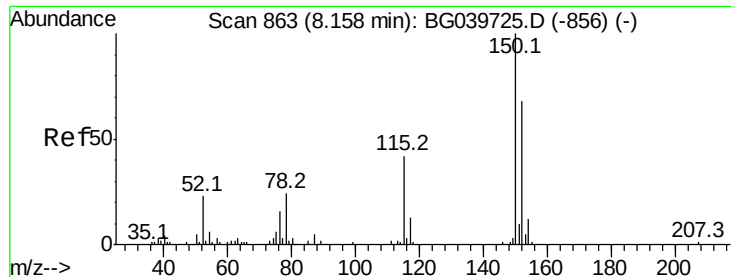
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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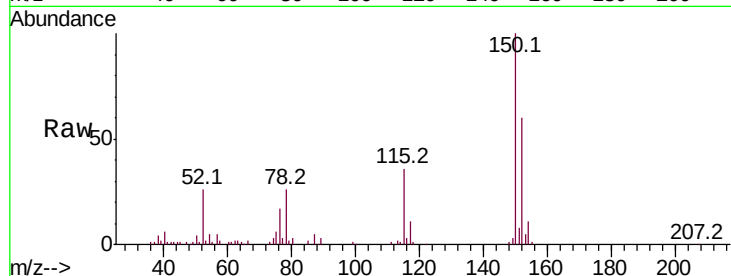


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039919.D
Acq: 14 Mar 2019 2:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.9	123.7	185.5
115	60.5	45.9	68.9

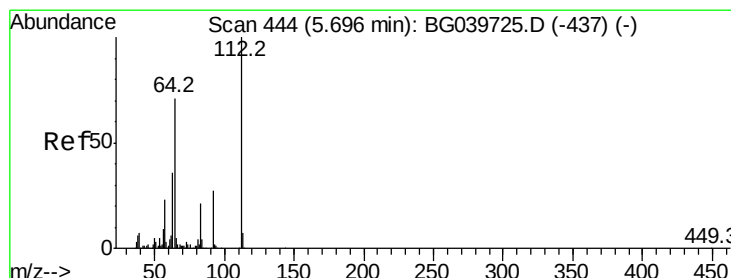
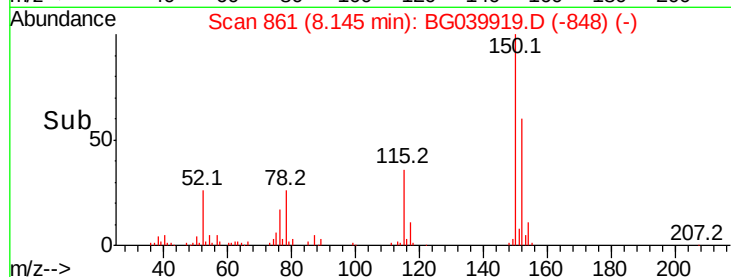
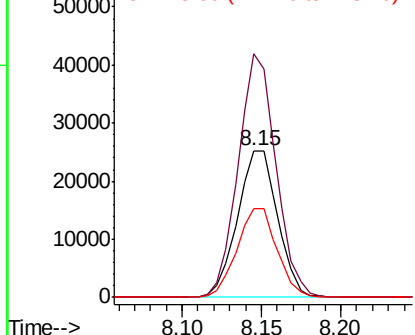


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

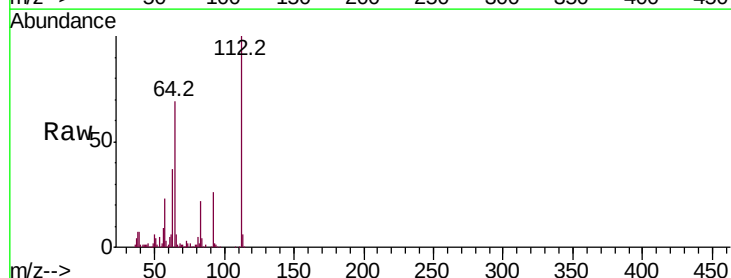
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.008 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039919.D
Acq: 14 Mar 2019 2:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.8	86.8
63	36.9	29.8	44.6

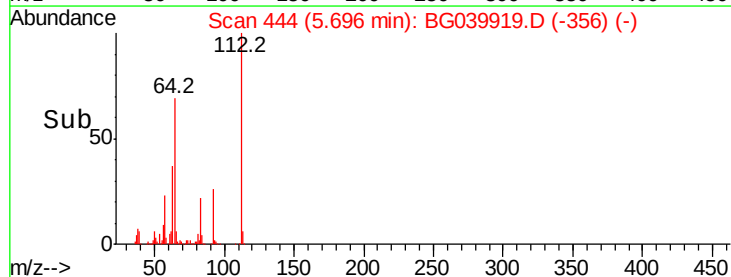
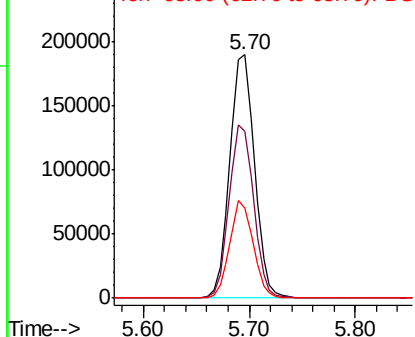


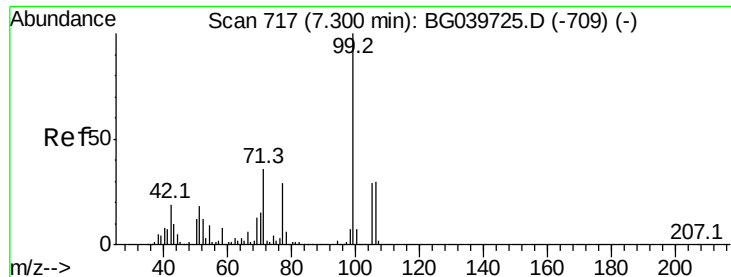
Abundance

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: 102.392 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

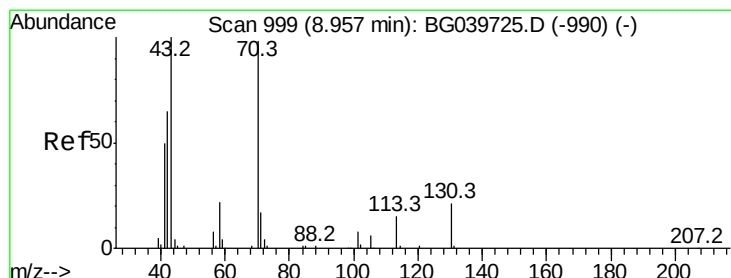
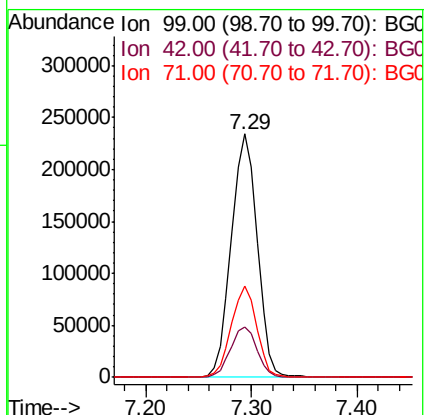
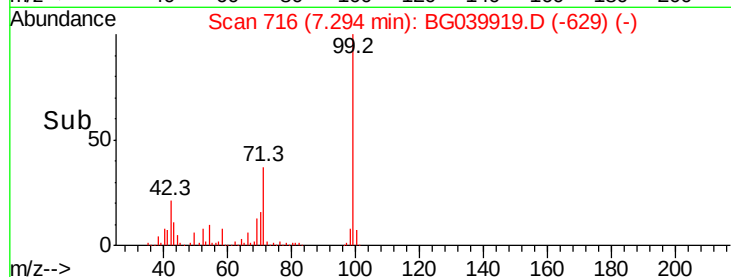
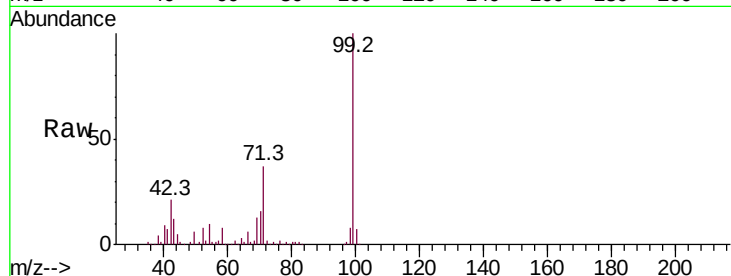
Tot Ion: 99 Resp: 396760

Ion Ratio Lower Upper

99 100

42 20.7 18.2 27.2

71 37.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.349 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

Tgt Ion: 70 Resp: 40019

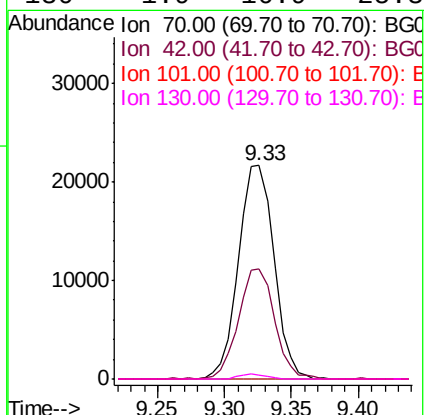
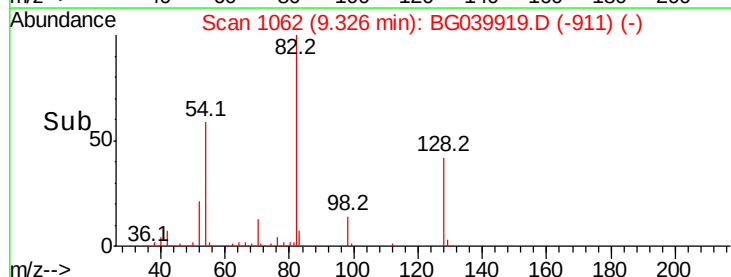
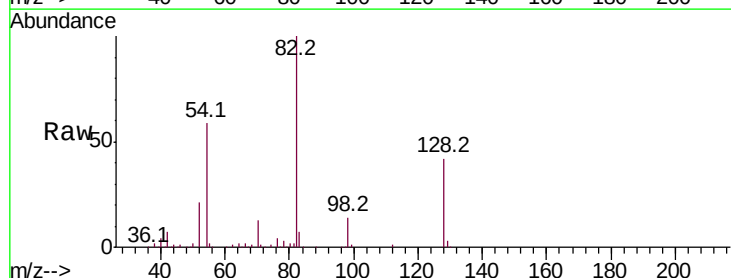
Ion Ratio Lower Upper

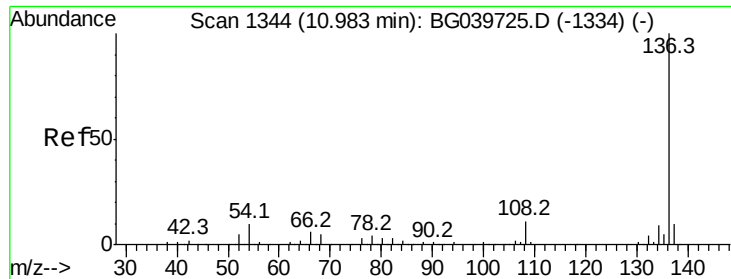
70 100

42 51.5 60.4 90.6#

101 0.0 7.5 11.3#

130 1.9 16.9 25.3#

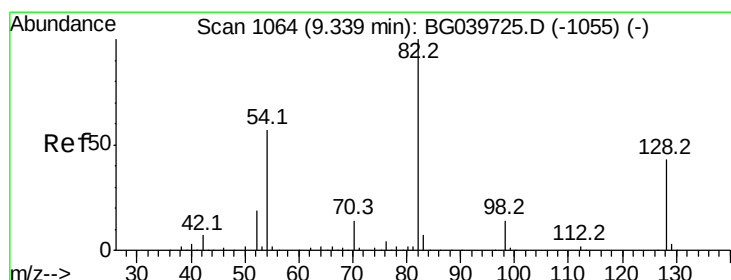
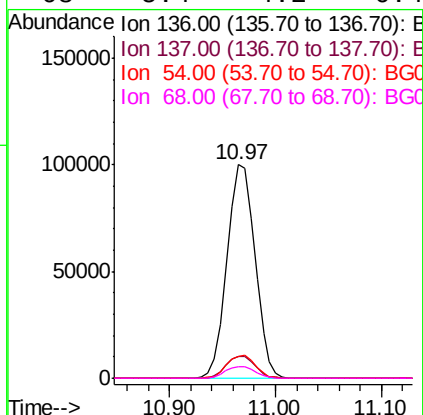
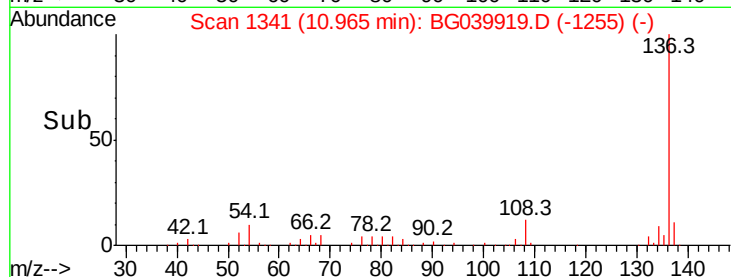
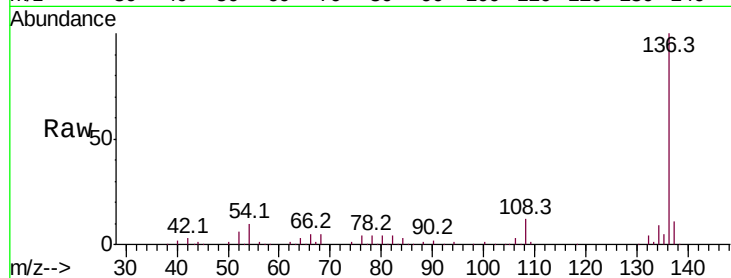




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039919.D
Acq: 14 Mar 2019 2:01

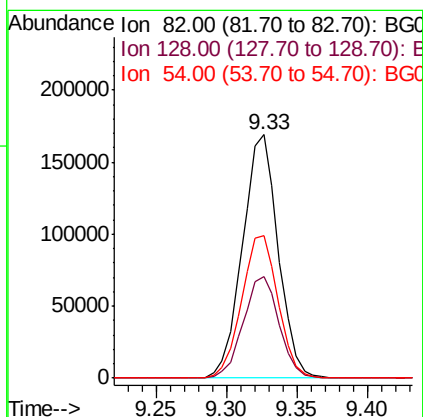
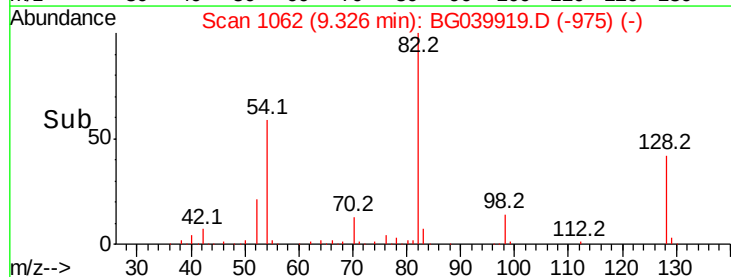
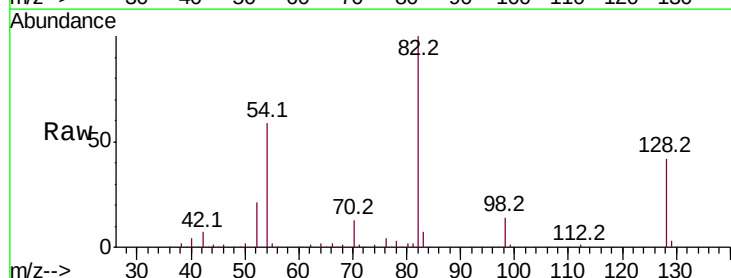
Instrument :
BNA_G
ClientSampleId :

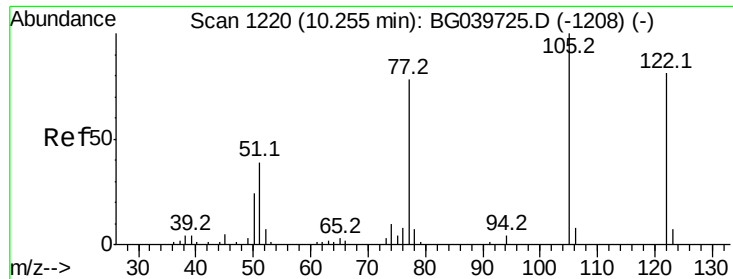
Tot Ion:	136	Resp:	183257
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	10.5	9.4	14.2
68	5.4	4.2	6.4



#23
Nitrobenzene-d5
Concen: 88.007 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039919.D
Acq: 14 Mar 2019 2:01

Tgt Ion:	82	Resp:	298202
Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	58.7	50.9	76.3

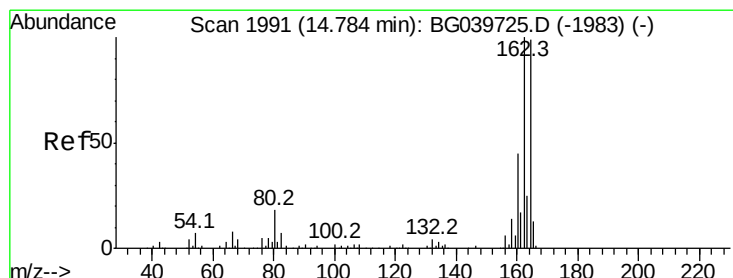
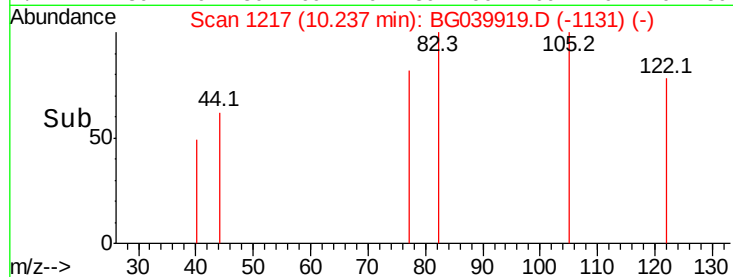
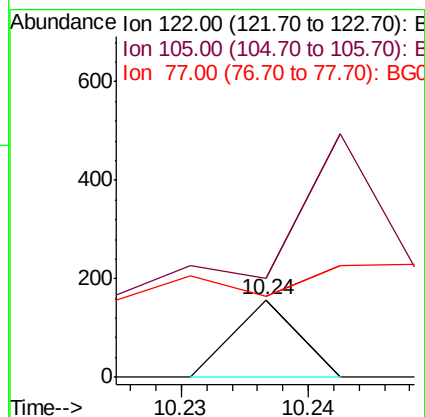
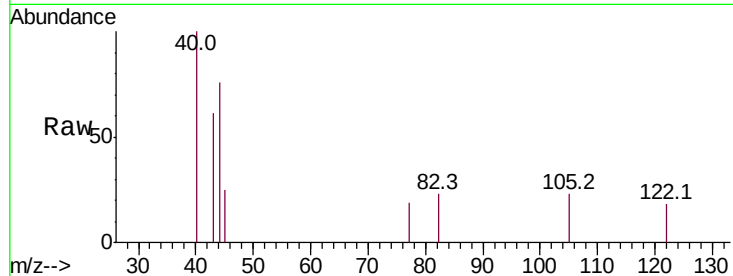




#32
 Benzoic acid
 Concen: 6.624 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BG039919.D
 Acq: 14 Mar 2019 2:01

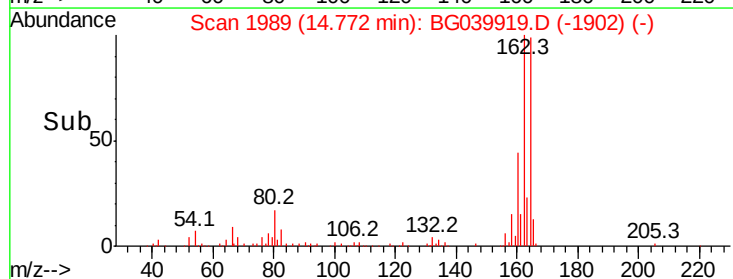
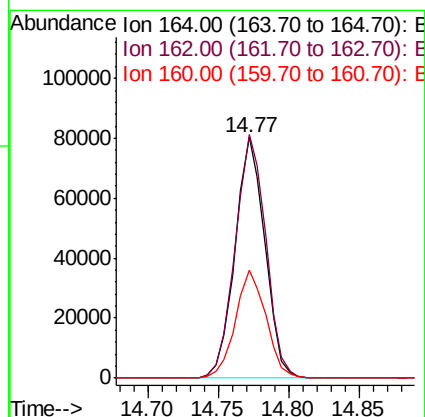
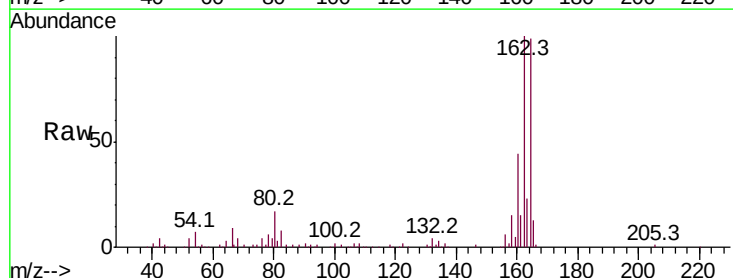
Instrument :
 BNA_G
 ClientSampled :

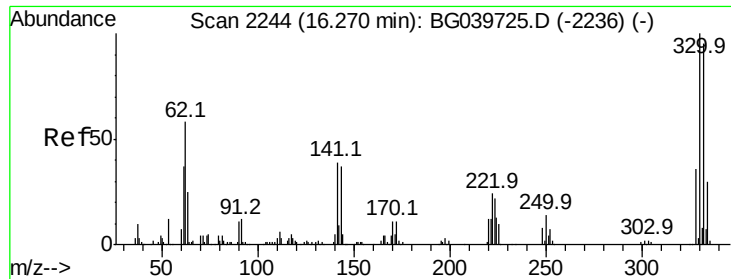
Tot Ion:	122	Resp:	55
Ion	Ratio	Lower	Upper
122	100		
105	128.0	101.8	141.8
77	104.5	76.3	116.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039919.D
 Acq: 14 Mar 2019 2:01

Tgt Ion:	164	Resp:	118160
Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.6	122.4
160	44.9	34.2	51.2

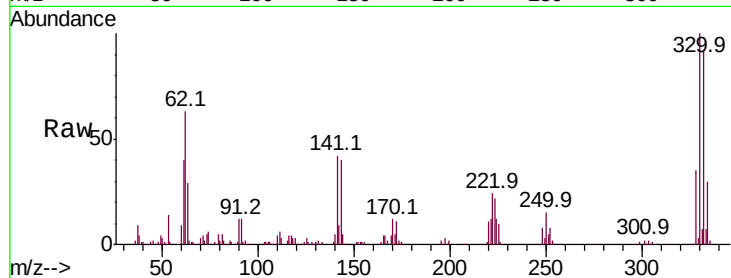




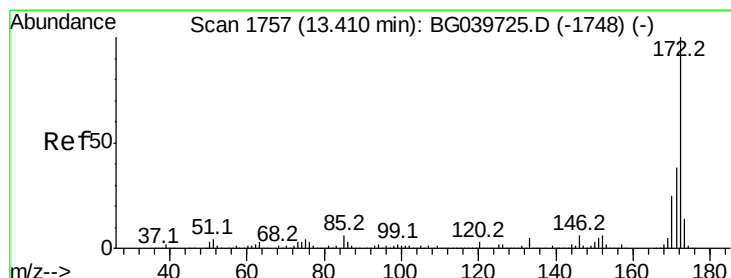
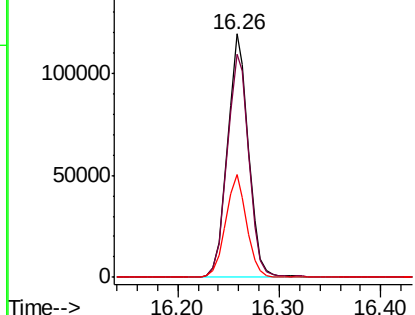
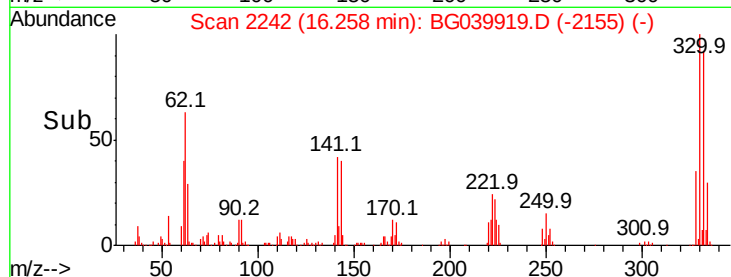
#42
 2,4,6-Tribromophenol
 Concen: 124.577 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039919.D
 Acq: 14 Mar 2019 2:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.7	113.5
141	42.5	35.6	53.4

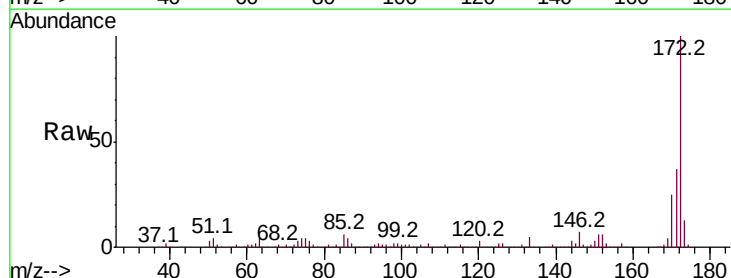


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

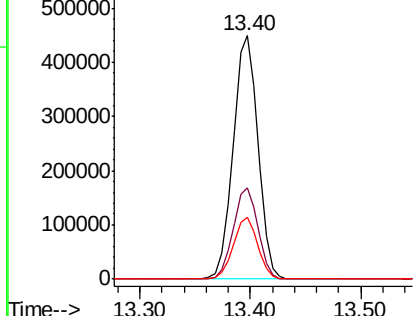
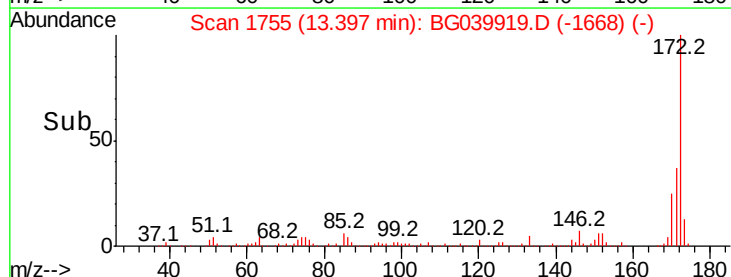


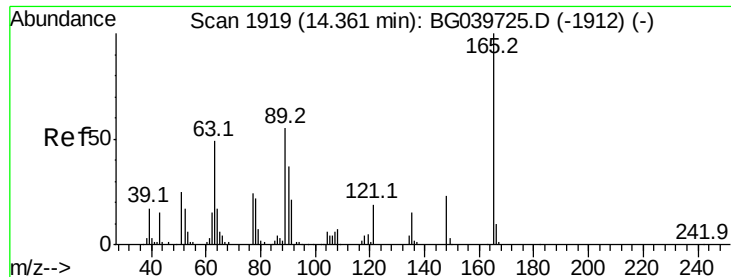
#45
 2-Fluorobiphenyl
 Concen: 85.243 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039919.D
 Acq: 14 Mar 2019 2:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.3	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

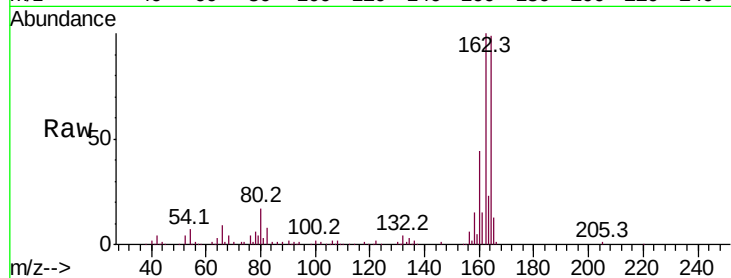




#51
 2,6-Dinitrotoluene
 Concen: 7.473 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.40 min
 Lab File: BG039919.D
 Acq: 14 Mar 2019 2:01

Instrument :
 BNA_G
 ClientSampled :

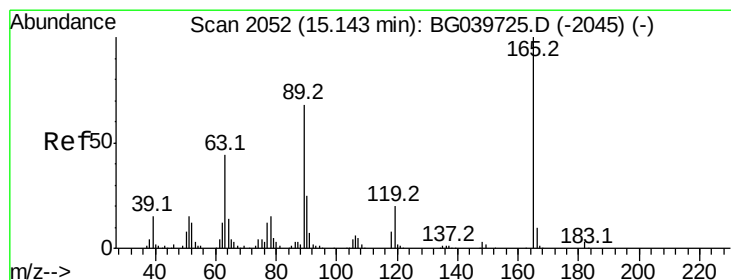
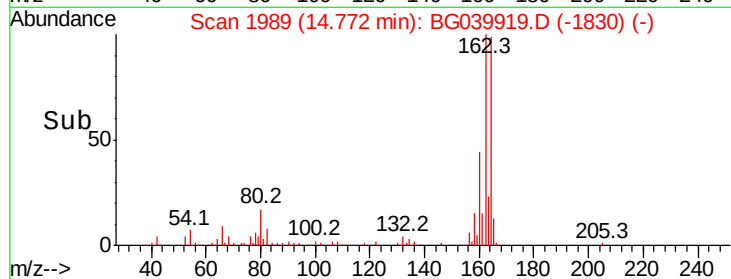
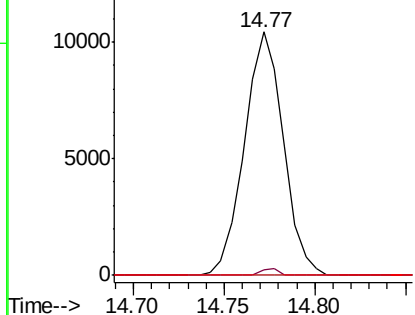
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	47.0	70.6#
89	0.0	45.8	68.8#



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



#57
 2,4-Dinitrotoluene
 Concen: 5.319 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.38 min
 Lab File: BG039919.D
 Acq: 14 Mar 2019 2:01

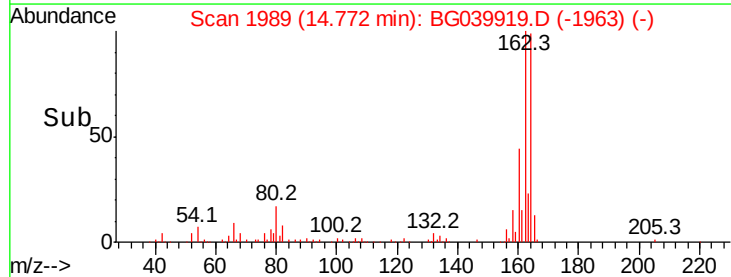
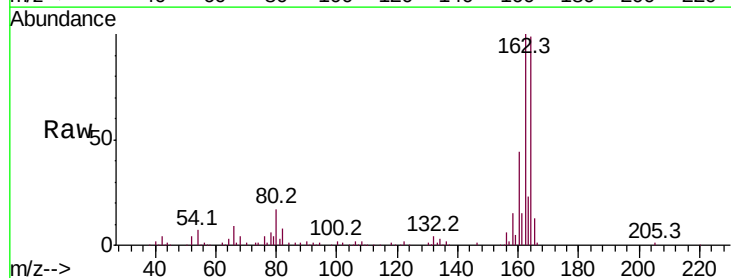
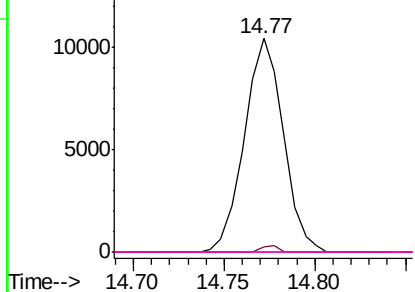
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

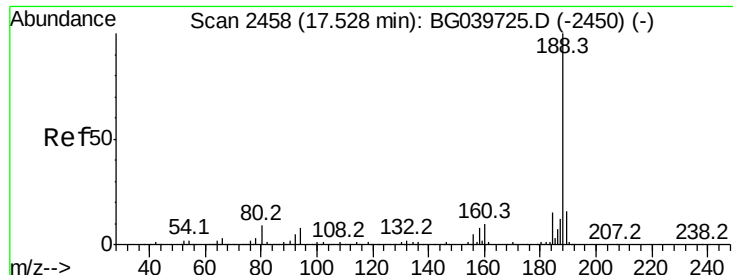
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2456

Delta R.T. -0.02 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

Instrument :

BNA_G

ClientSampleId :

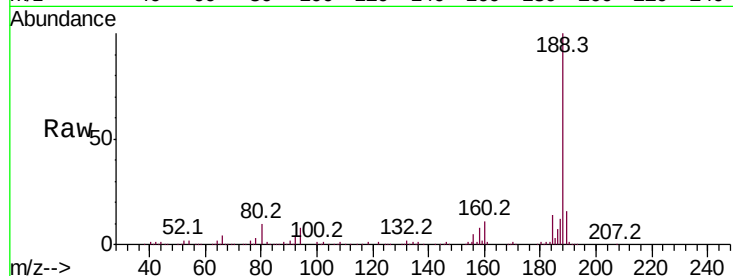
Tot Ion:188 Resp: 277017

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

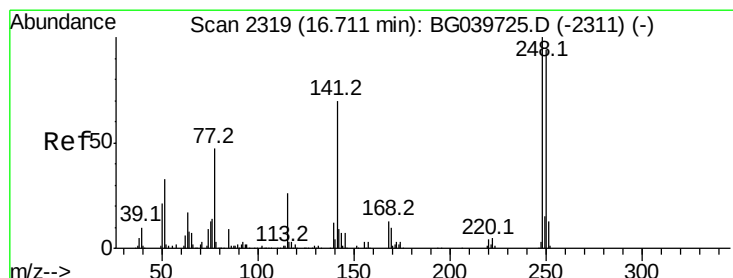
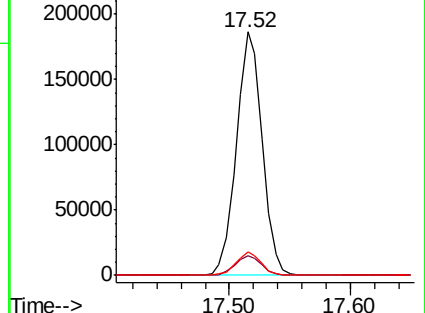
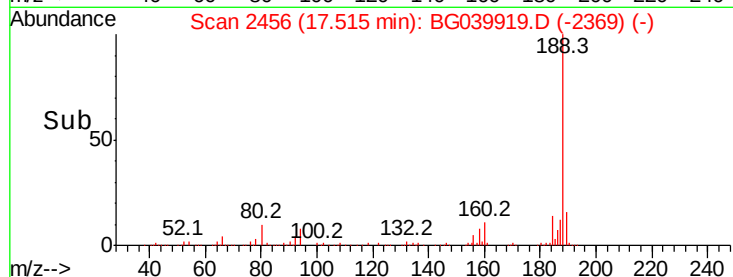
80 9.6 8.1 12.1



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



#67

4-Bromophenyl-phenylether

Concen: 4.337 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.46 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

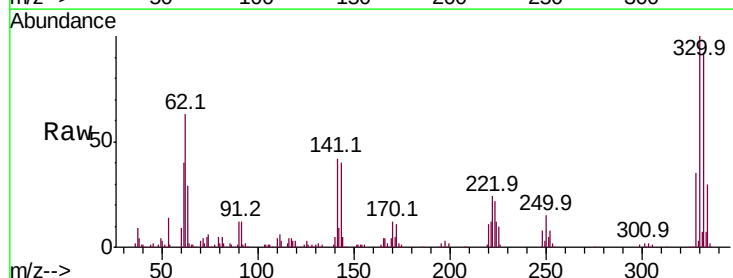
Tgt Ion:248 Resp: 13449

Ion Ratio Lower Upper

248 100

250 187.8 77.6 116.4#

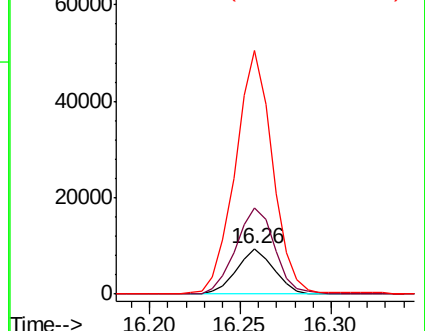
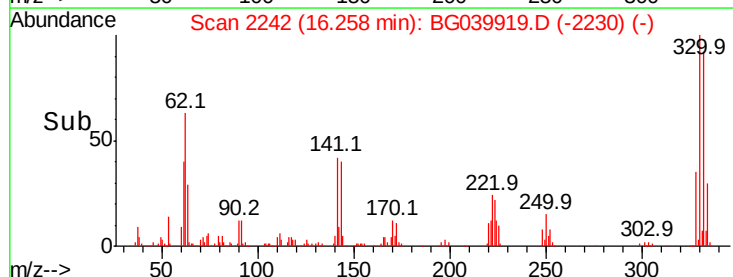
141 534.2 63.9 95.9#

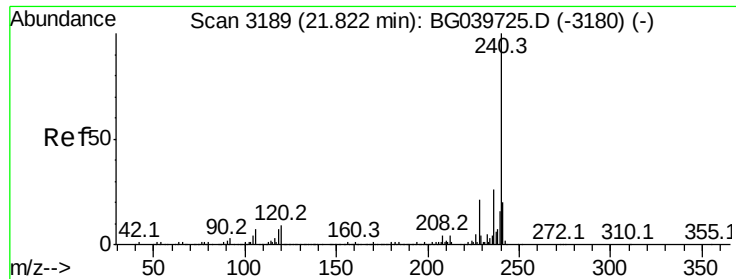


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3186

Delta R.T. -0.02 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

Instrument :

BNA_G

ClientSampled :

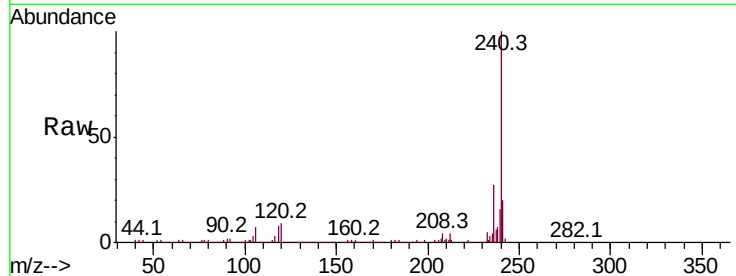
Tot Ion:240 Resp: 300784

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

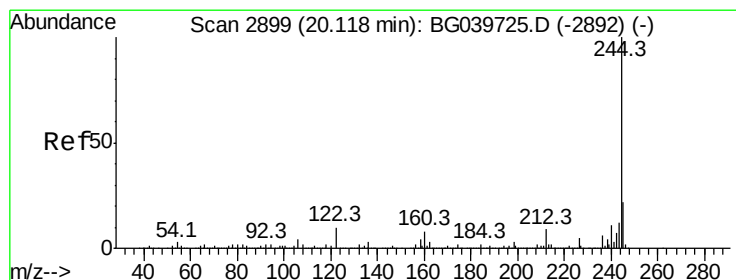
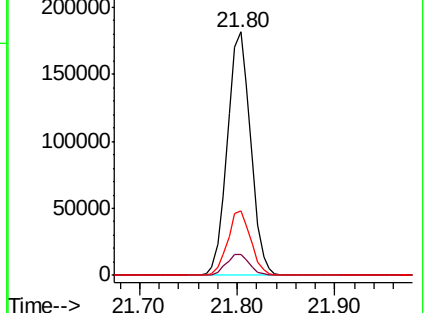
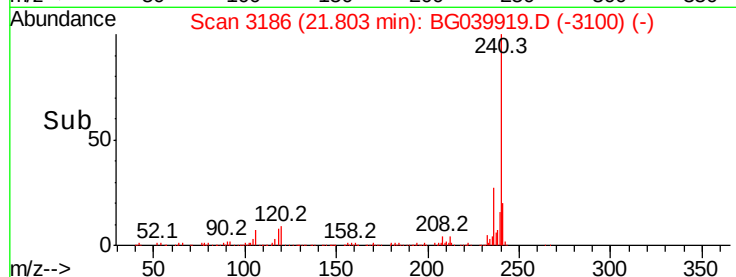
236 26.6 21.0 31.4



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



#79

Terphenyl-d14

Concen: 80.200 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039919.D

Acq: 14 Mar 2019 2:01

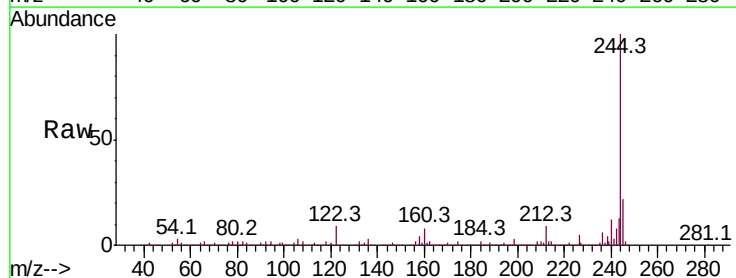
Tgt Ion:244 Resp: 1095591

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

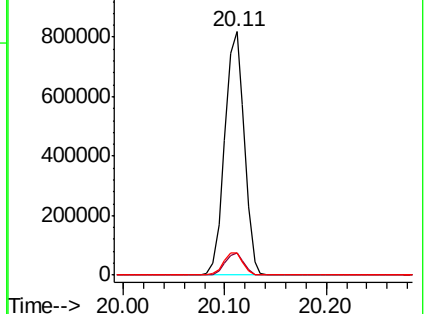
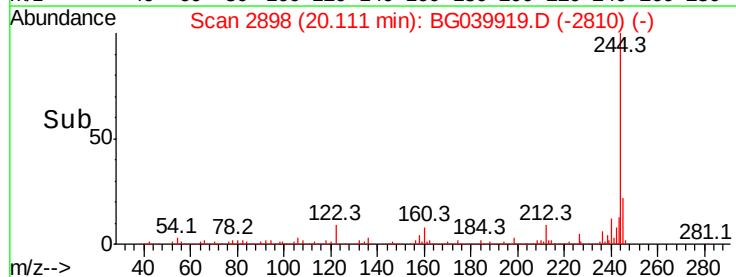
122 9.1 8.4 12.6

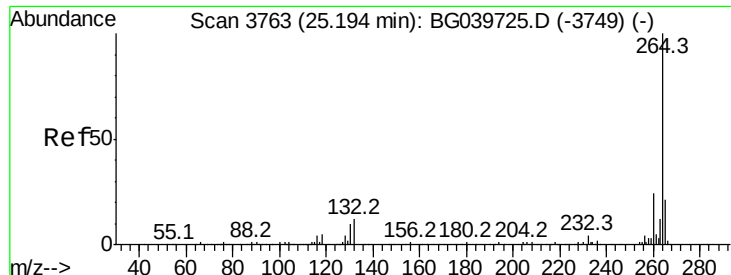


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

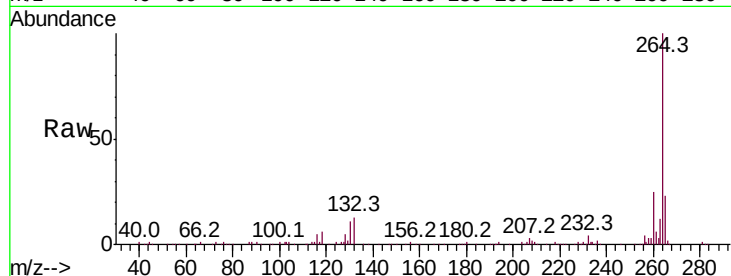




#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 25.16 min Scan# 3758
 Delta R.T. -0.04 min
 Lab File: BG039919.D
 Acq: 14 Mar 2019 2:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	300487
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.2	27.4
265	22.6	18.5	27.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

