

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038105.D
 Acq On : 21 Nov 2018 5:17
 Operator : JU/SJ
 Sample : J5775-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111918

Quant Time: Nov 21 07:22:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

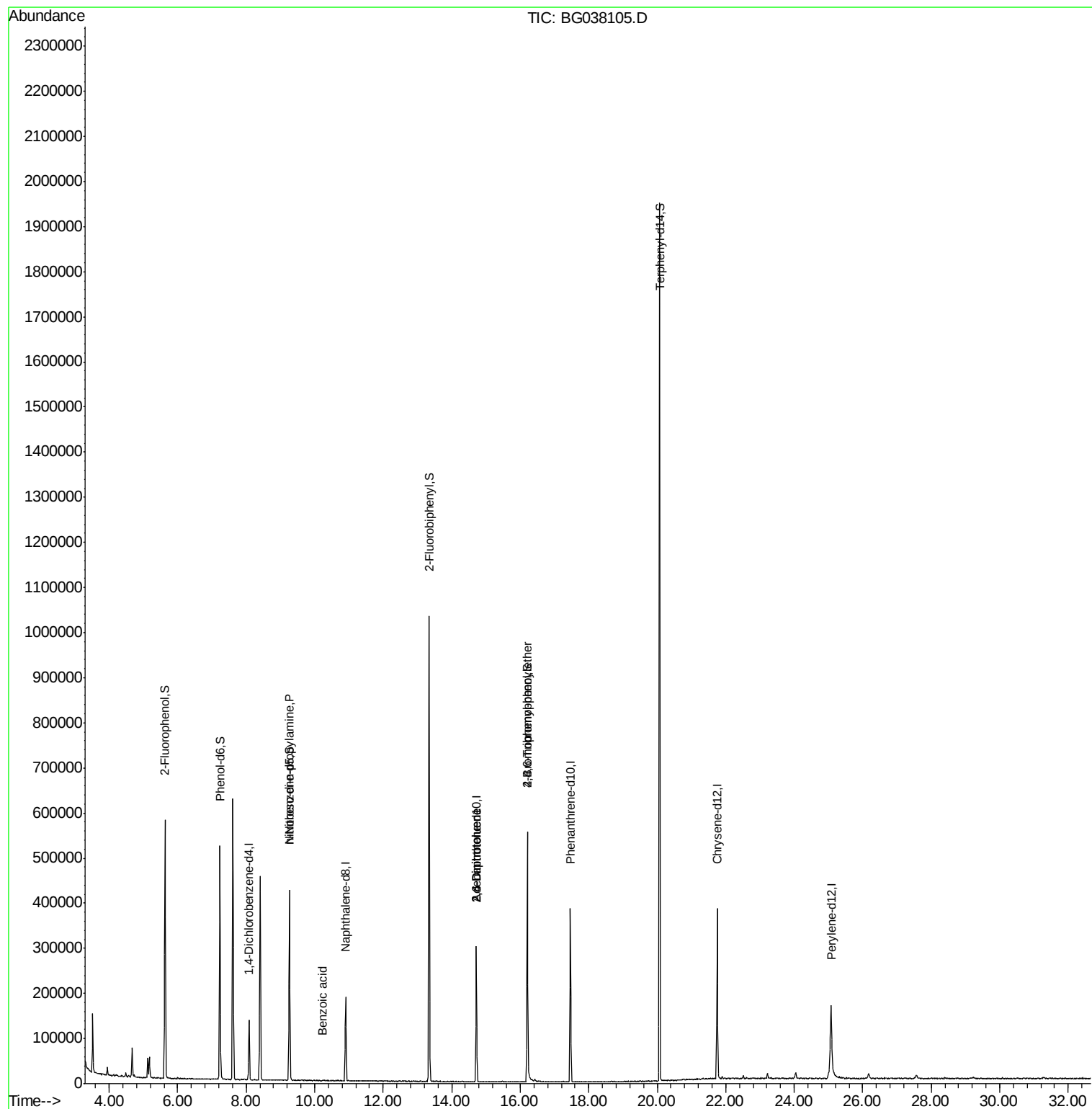
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38793	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	169714	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106452	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	241897	20.00	ng	0.00
76) Chrysene-d12	21.75	240	235760	20.00	ng	0.00
87) Perylene-d12	25.08	264	223030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	259495	115.49	ng	0.00
7) Phenol-d6	7.23	99	326295	101.74	ng	0.00
23) Nitrobenzene-d5	9.26	82	266136	83.94	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	111883	92.16	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	584444	79.98	ng	0.00
79) Terphenyl-d14	20.07	244	932779	93.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	33682	14.514	ng	# 74
32) Benzoic acid	10.25	122	67	12.365	ng	# 29
51) 2,6-Dinitrotoluene	14.72	165	14079	7.371	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	14079	5.418	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	7586	2.857	ng	# 1

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

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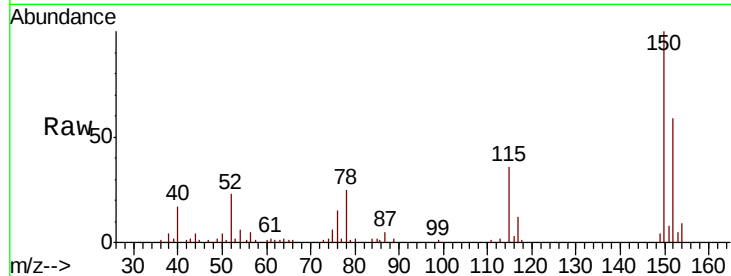




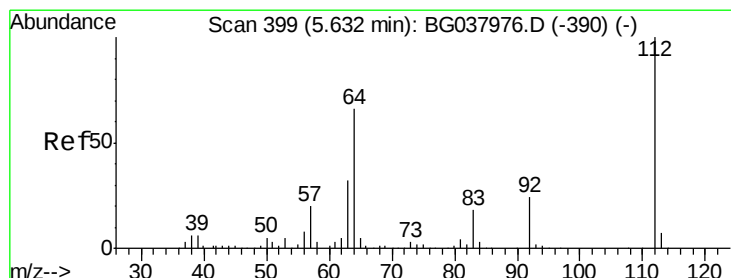
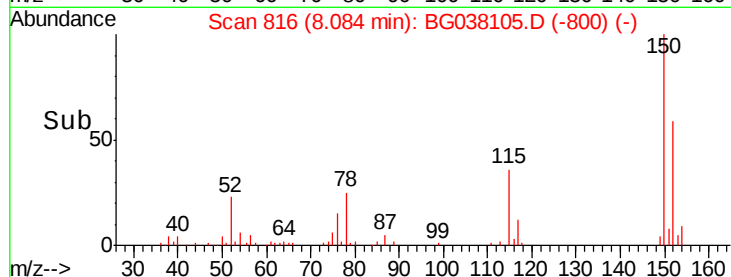
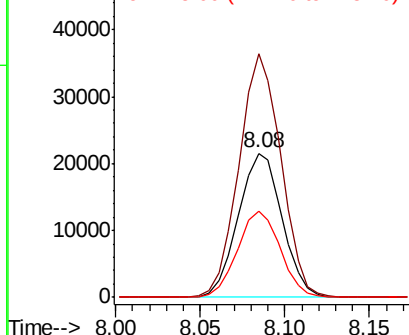
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111918

Tgt Ion:152 Resp: 38793
 Ion Ratio Lower Upper
 152 100
 150 169.2 126.0 189.0
 115 60.2 45.5 68.3

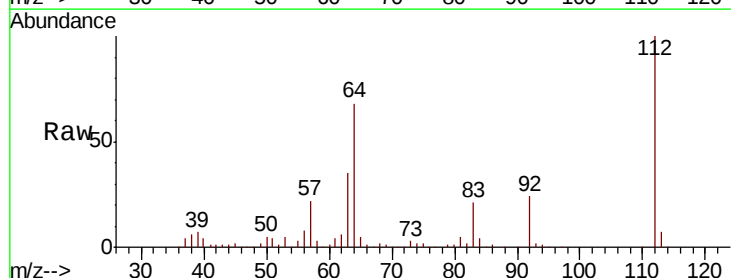


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

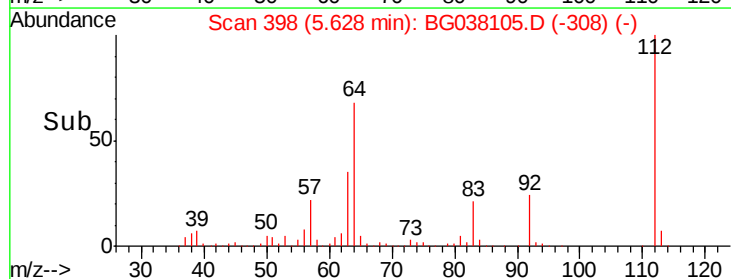
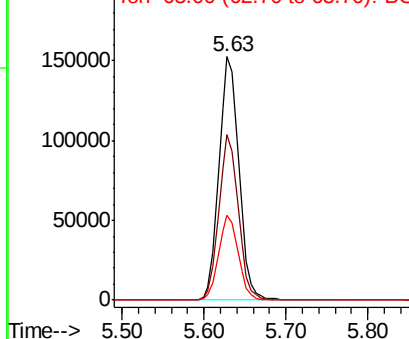


#5
 2-Fluorophenol
 Concen: 115.494 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

Tgt Ion:112 Resp: 259495
 Ion Ratio Lower Upper
 112 100
 64 67.9 53.1 79.7
 63 34.8 27.3 40.9



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: 101.738 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038105.D

Acq: 21 Nov 2018 5:17

Instrument :

BNA_G

ClientSampleId :

TR-05-111918

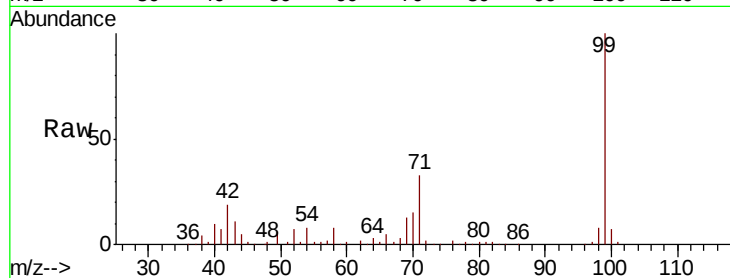
Tgt Ion: 99 Resp: 326295

Ion Ratio Lower Upper

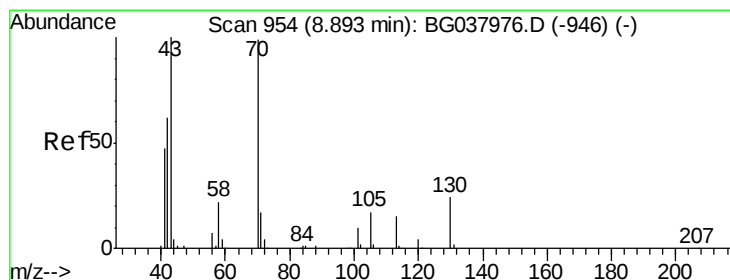
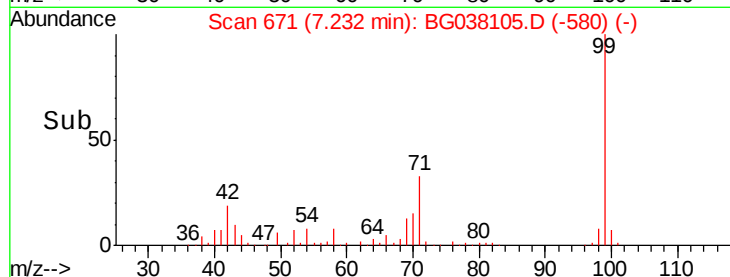
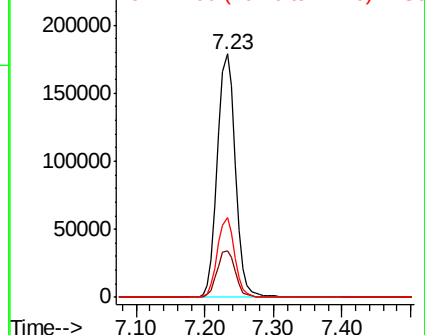
99 100

42 19.2 15.0 22.4

71 32.9 25.5 38.3



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: 14.514 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038105.D

Acq: 21 Nov 2018 5:17

Tgt Ion: 70 Resp: 33682

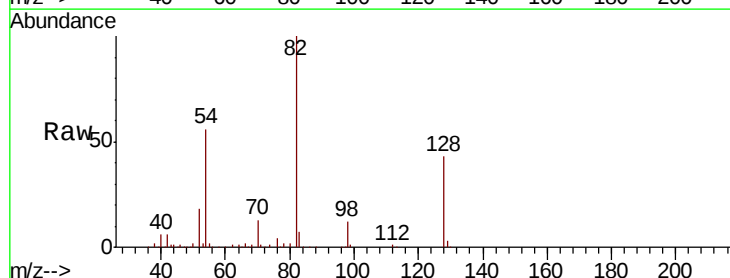
Ion Ratio Lower Upper

70 100

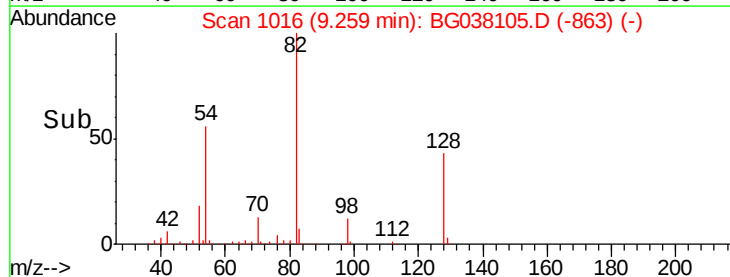
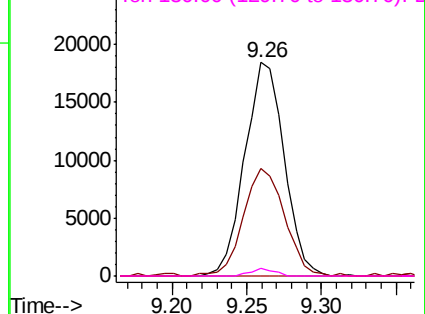
42 50.1 53.9 80.9#

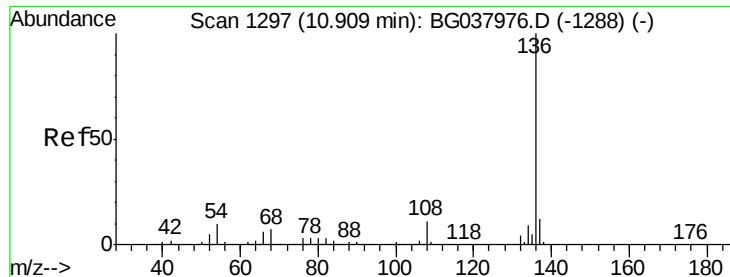
101 0.0 8.2 12.2#

130 3.4 18.2 27.4#



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

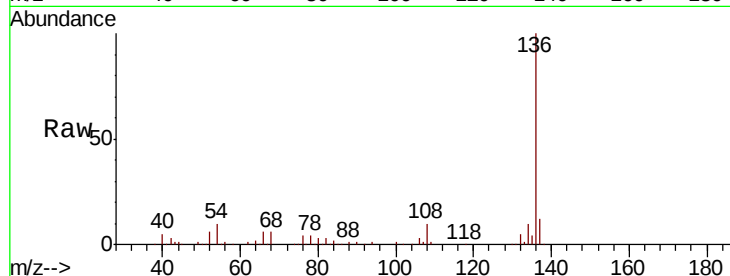




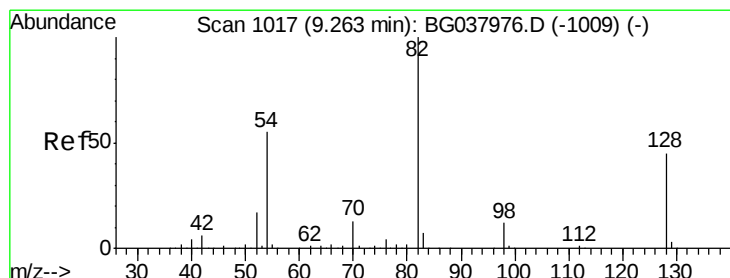
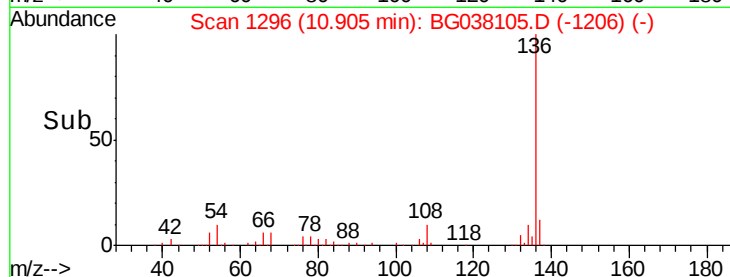
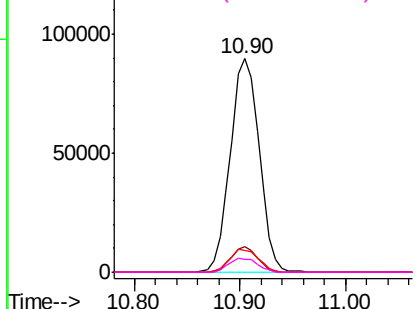
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038105.D
Acq: 21 Nov 2018 5:17

Instrument :
BNA_G
ClientSampleId :
TR-05-111918

Tgt Ion:	136	Resp:	169714
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.3	7.9	11.9
68	5.9	4.8	7.2

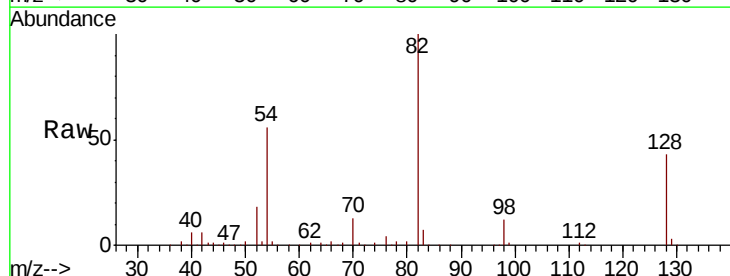


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

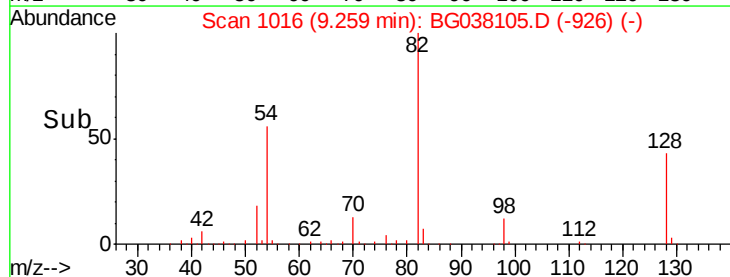
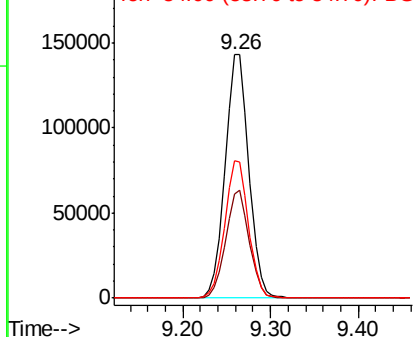


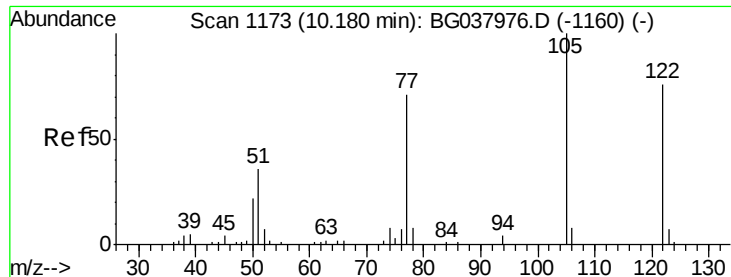
#23
Nitrobenzene-d5
Concen: 83.943 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038105.D
Acq: 21 Nov 2018 5:17

Tgt Ion:	82	Resp:	266136
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	56.2	45.3	67.9



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





#32

Benzoic acid

Concen: 12.365 ng

RT: 10.25 min Scan# 1184

Delta R.T. 0.07 min

Lab File: BG038105.D

Acq: 21 Nov 2018 5:17

Instrument :

BNA_G

ClientSampleId :

TR-05-111918

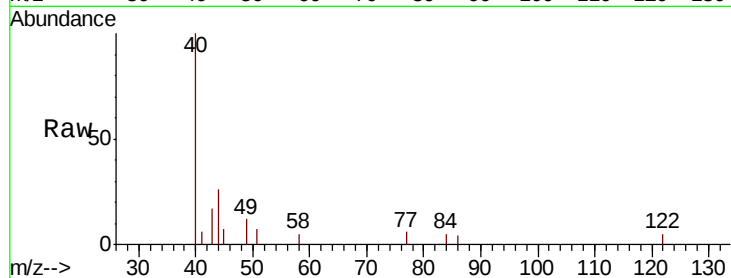
Tgt Ion:122 Resp: 67

Ion Ratio Lower Upper

122 100

105 0.0 106.7 146.7#

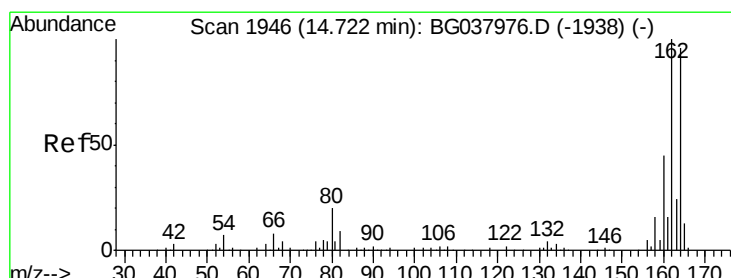
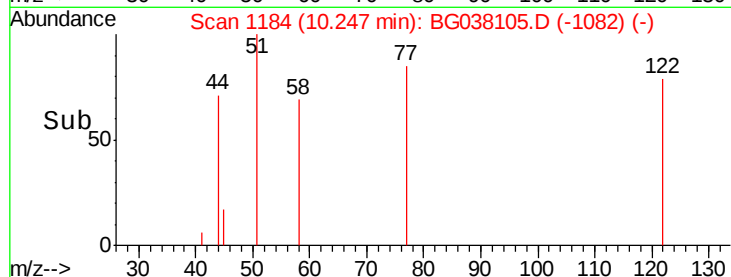
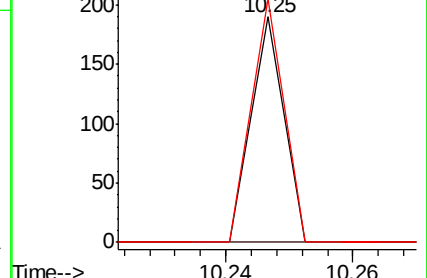
77 107.9 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038105.D

Acq: 21 Nov 2018 5:17

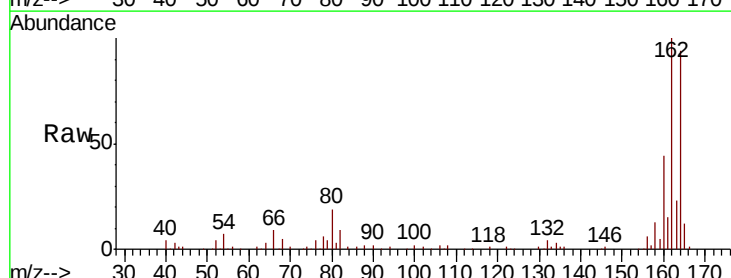
Tgt Ion:164 Resp: 106452

Ion Ratio Lower Upper

164 100

162 106.8 81.3 121.9

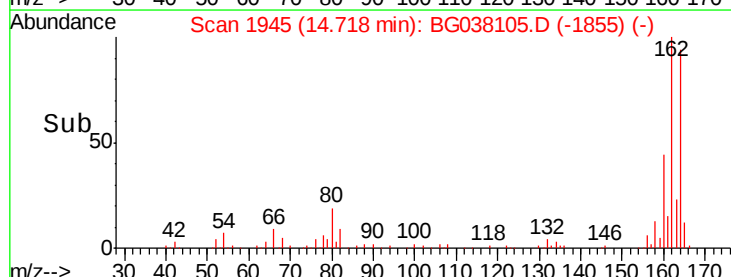
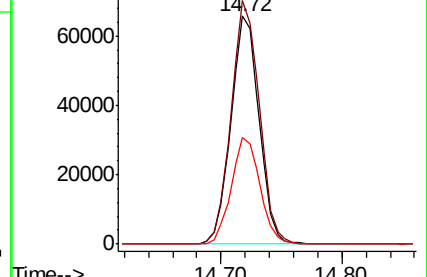
160 46.6 36.3 54.5

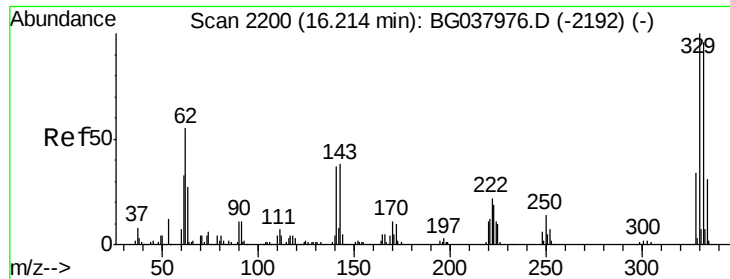


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

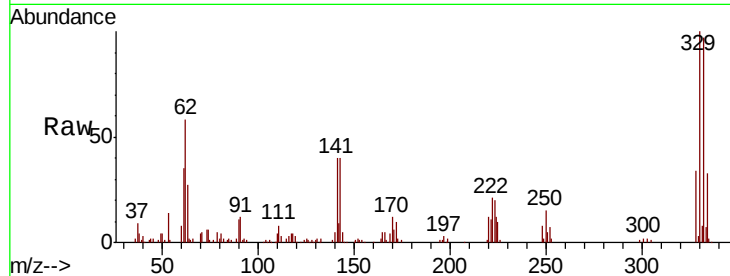




#42
 2,4,6-Tribromophenol
 Concen: 92.156 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111918

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	40.4	32.2	48.2

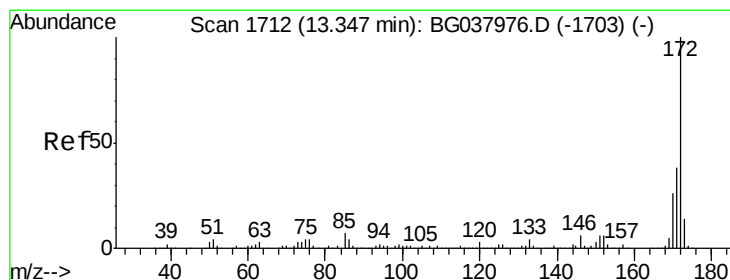
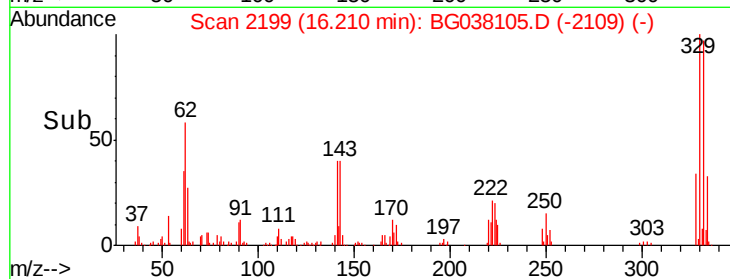
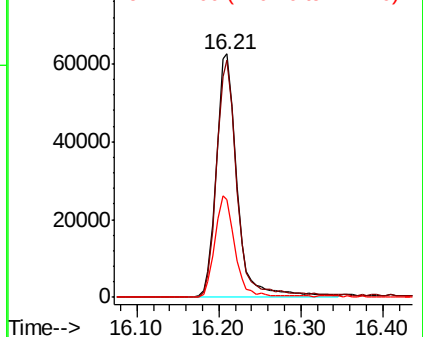


Abundance

Ion 329.80 (329.50 to 330.50): E

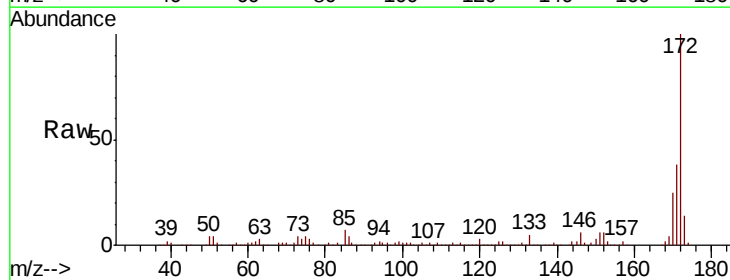
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.984 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.1	20.2	30.2

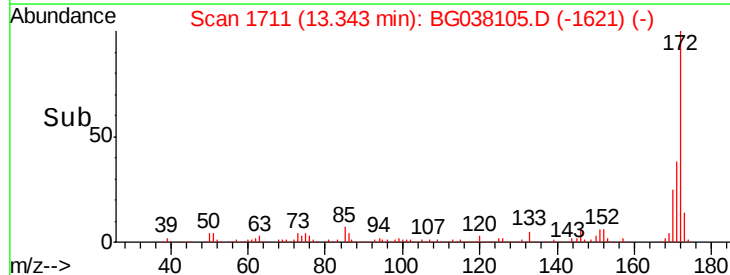
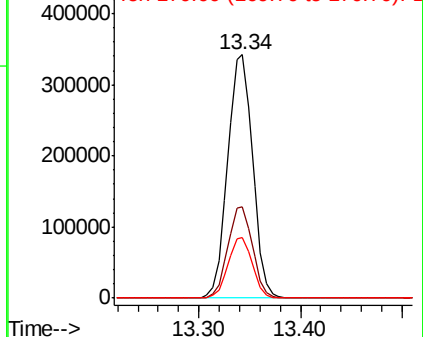


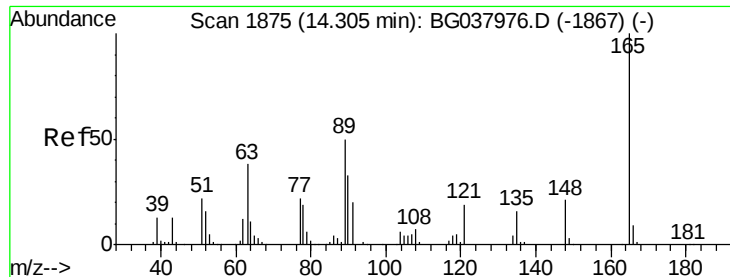
Abundance

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

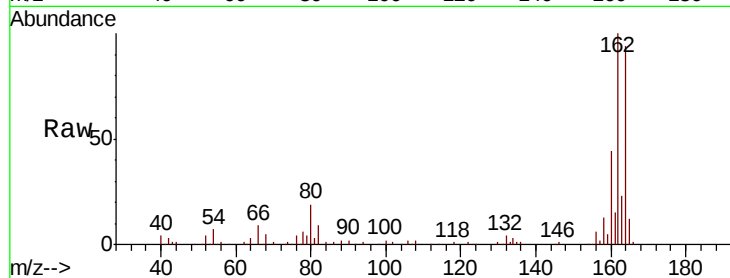




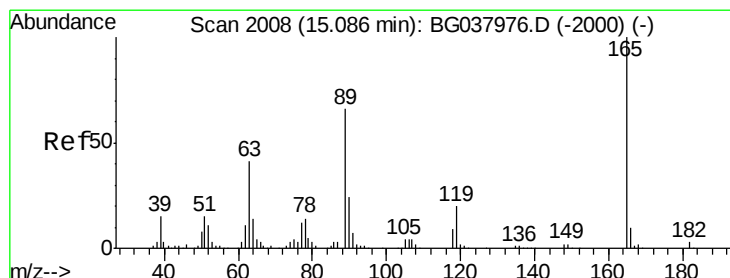
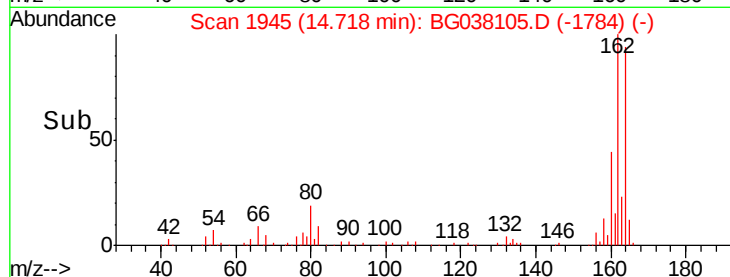
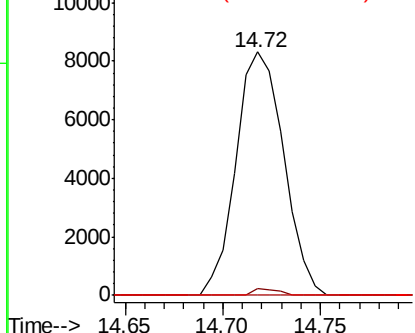
#51
 2,6-Dinitrotoluene
 Concen: 7.371 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111918

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	43.4	65.2#
89	0.0	45.8	68.6#



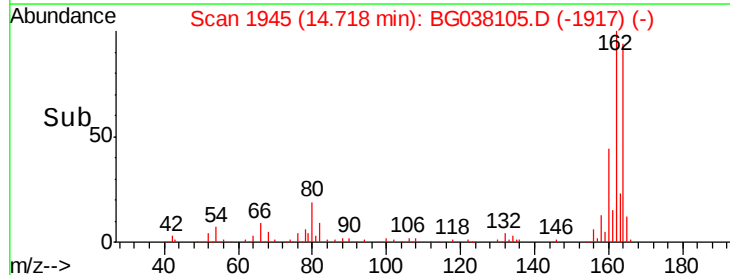
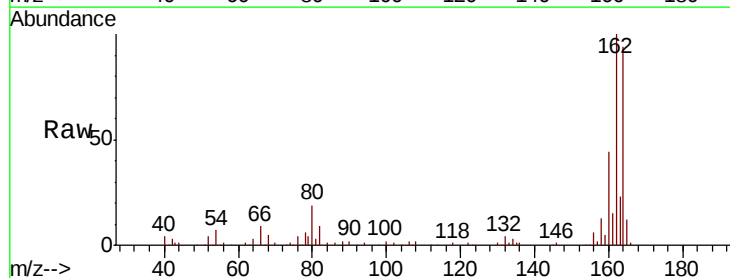
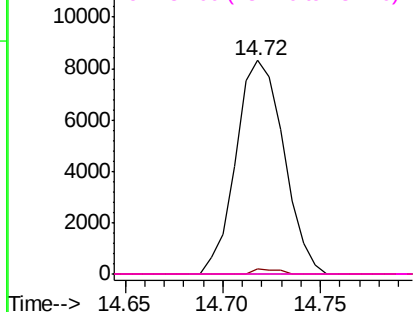
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.418 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

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

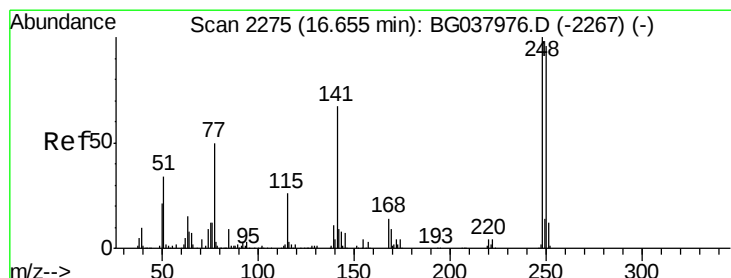
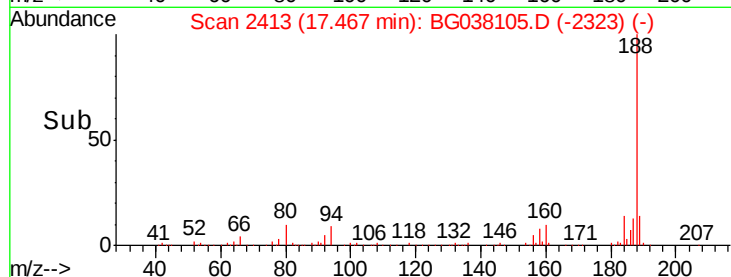
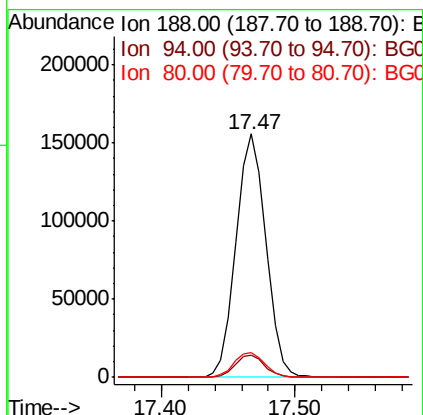
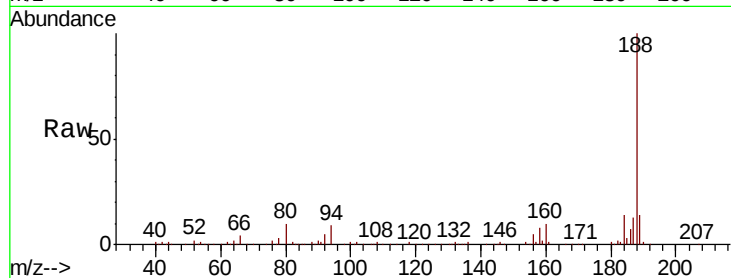




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

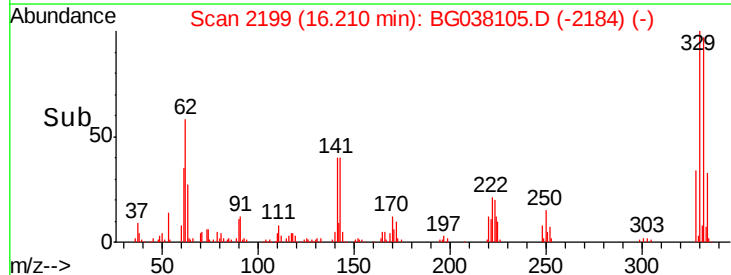
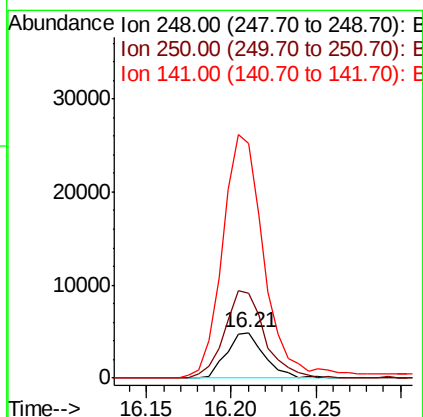
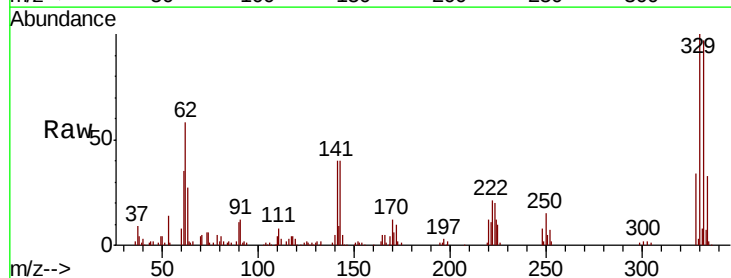
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111918

Tgt Ion:188 Resp: 241897
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.2 10.8
 80 10.1 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 2.857 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038105.D
 Acq: 21 Nov 2018 5:17

Tgt Ion:248 Resp: 7586
 Ion Ratio Lower Upper
 248 100
 250 197.9 77.0 115.6#
 141 414.6 55.5 83.3#

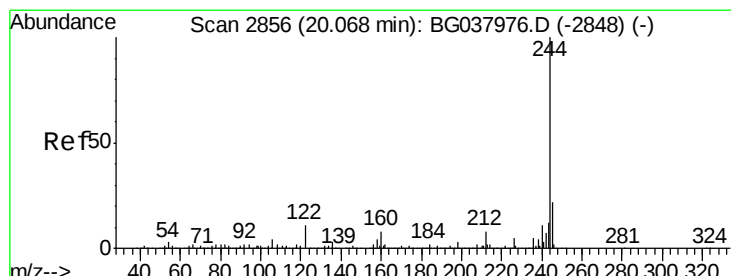
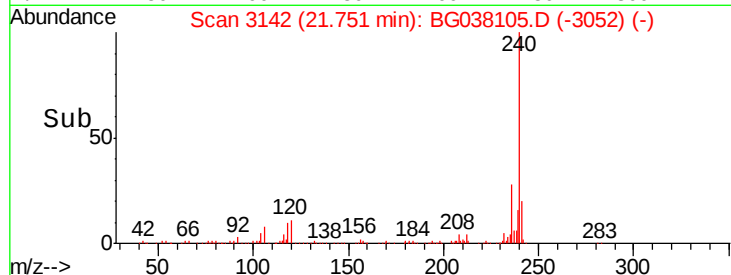
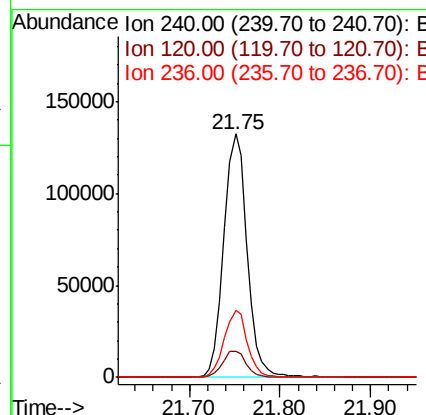
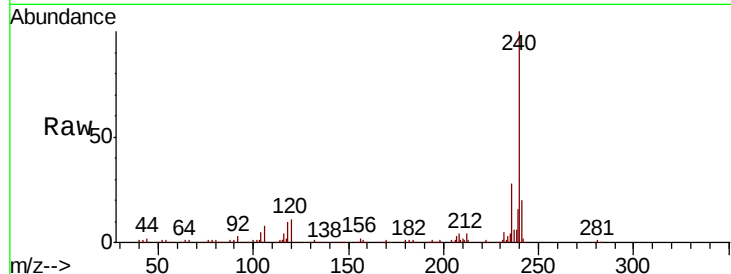




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038105.D
Acq: 21 Nov 2018 5:17

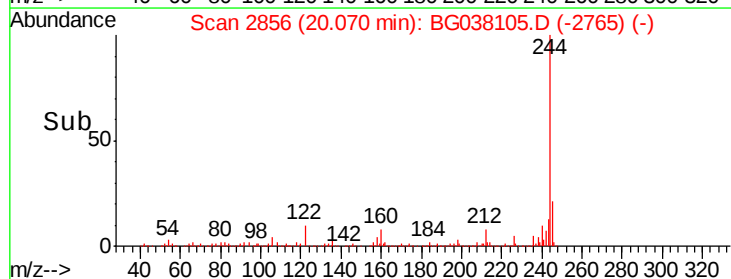
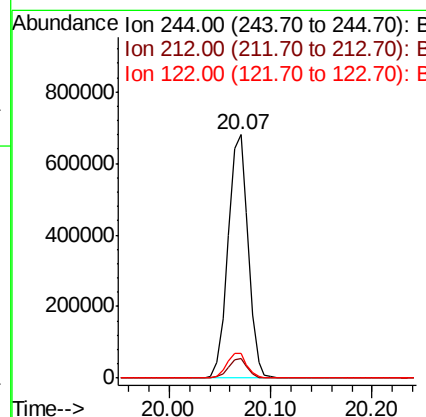
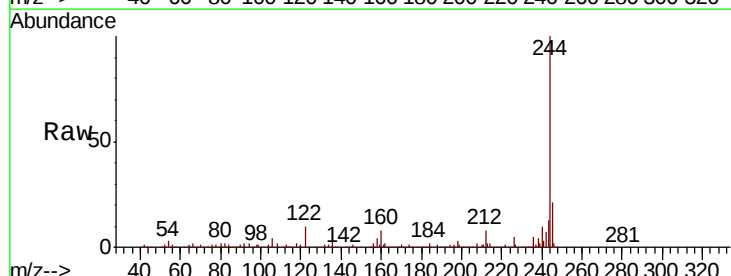
Instrument :
BNA_G
ClientSampleId :
TR-05-111918

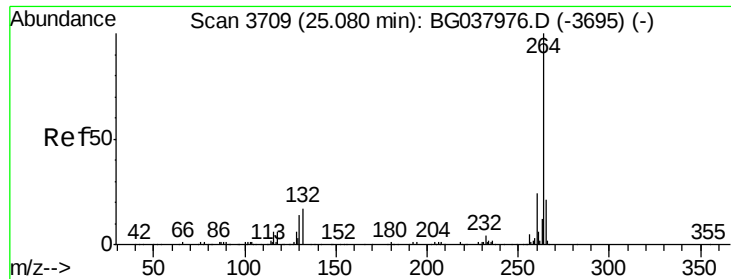
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.5	21.4	32.0



#79
Terphenyl-d14
Concen: 93.096 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038105.D
Acq: 21 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038105.D
Acq: 21 Nov 2018 5:17

Instrument :
BNA_G
ClientSampleId :
TR-05-111918

Tgt Ion:	264	Resp:	223030
Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	21.9	17.9	26.9

