

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046609.D
 Acq On : 14 Sep 2020 18:51
 Operator : CG/JU
 Sample : L3981-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9

Quant Time: Sep 15 01:24:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

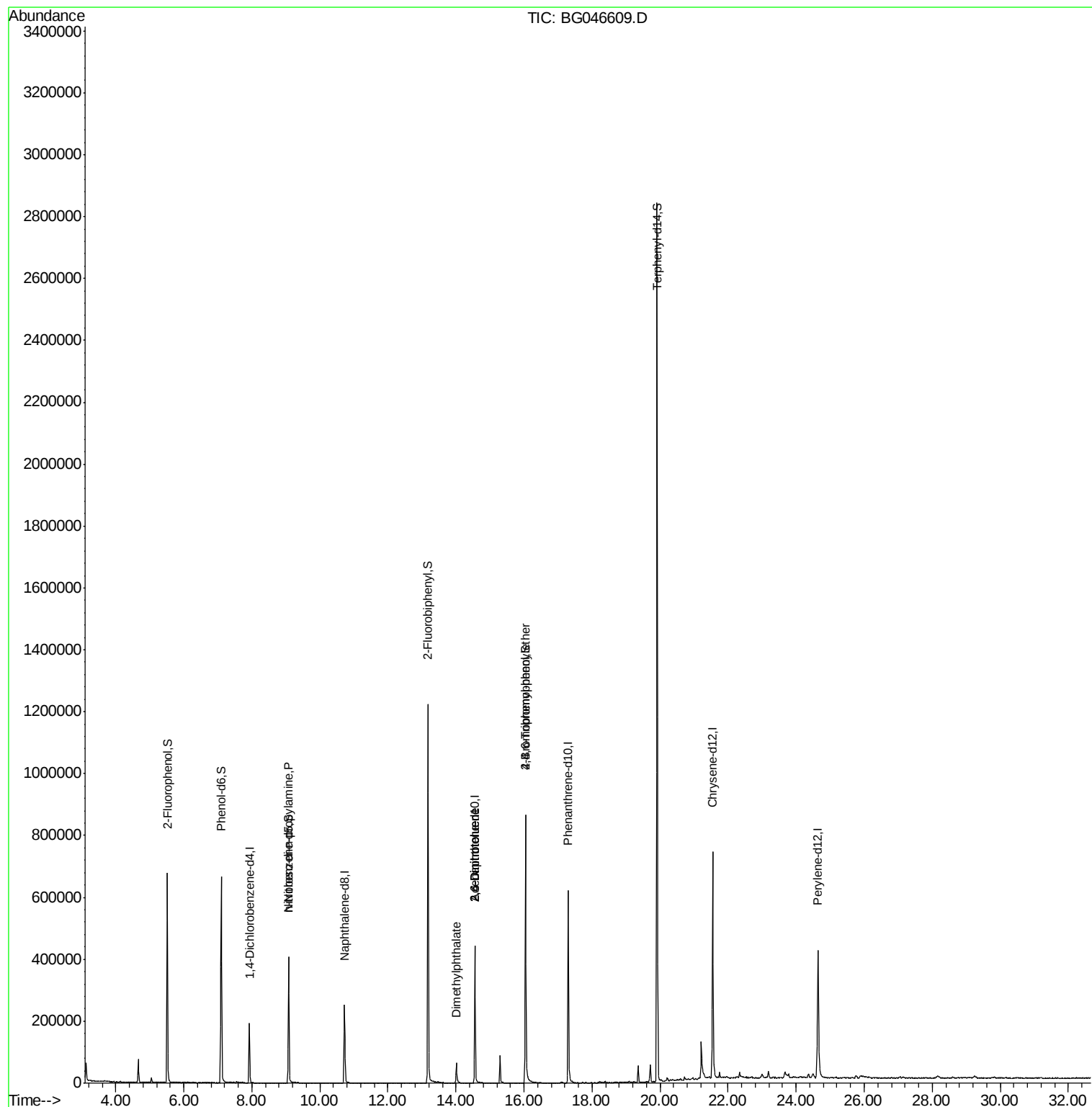
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	61052	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	243904	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	170675	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	433728	20.00	ng	0.00
76) Chrysene-d12	21.55	240	465996	20.00	ng	0.00
86) Perylene-d12	24.64	264	450043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	328247	95.23	ng	0.00
7) Phenol-d6	7.10	99	435226	89.07	ng	0.00
23) Nitrobenzene-d5	9.08	82	274982	64.44	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	202242	87.45	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	727406	65.06	ng	0.00
79) Terphenyl-d14	19.91	244	1268072	57.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	34419	11.776	ng	Qvalue # 76
50) Dimethylphthalate	14.01	163	65942	4.994	ng	# 99
51) 2,6-Dinitrotoluene	14.55	165	21771	7.480	ng	# 33
57) 2,4-Dinitrotoluene	14.55	165	21773	5.246	ng	# 33
67) 4-Bromophenyl-phenylether	16.04	248	14820	2.929	ng	# 1

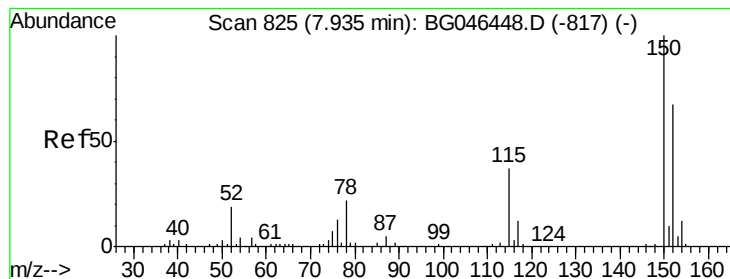
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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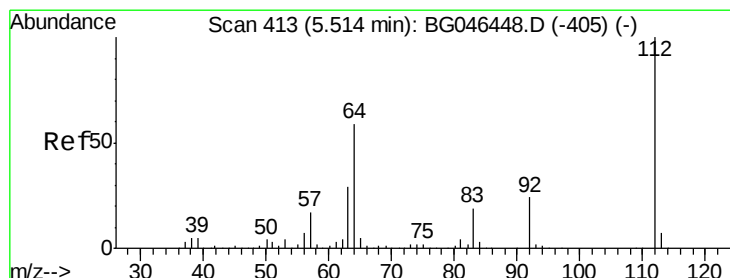
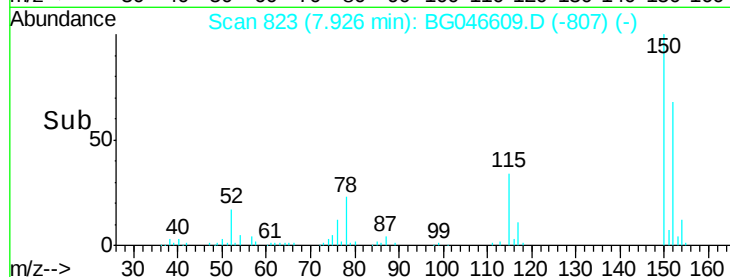
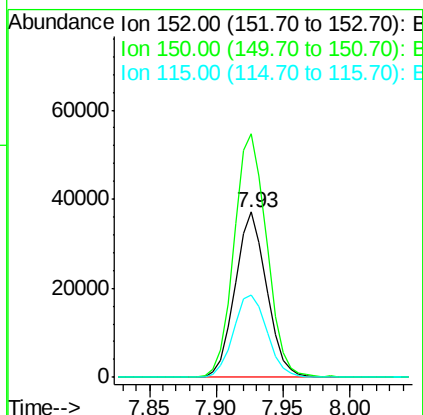
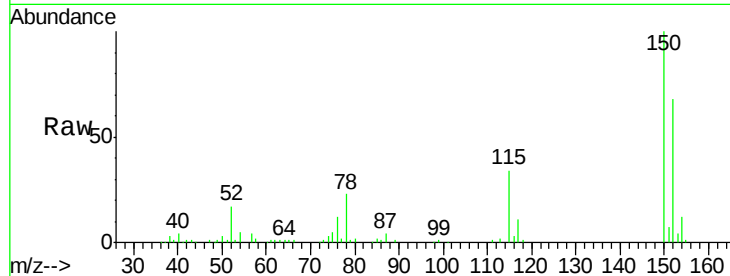


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Instrument :
BNA_G
ClientSampleId :
B20-7-9

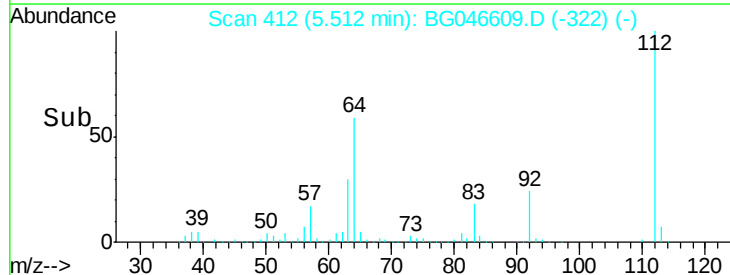
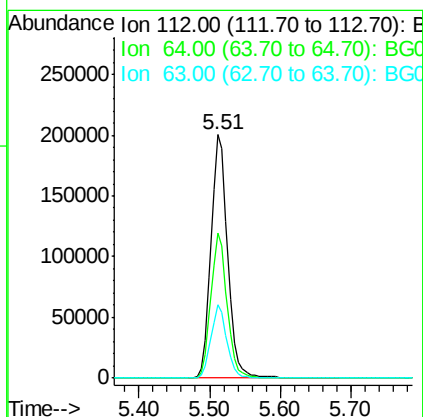
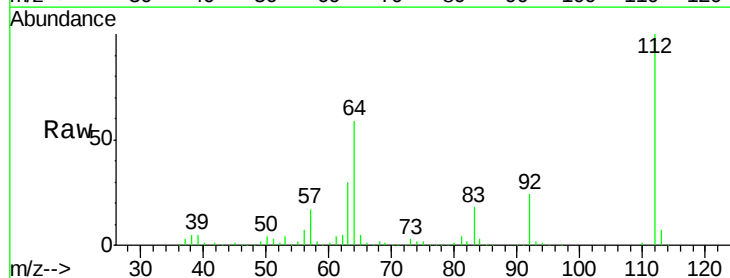
Tot Ion:152 Resp: 61052
Ion Ratio Lower Upper
152 100
150 147.6 119.5 179.3
115 49.5 44.3 66.5

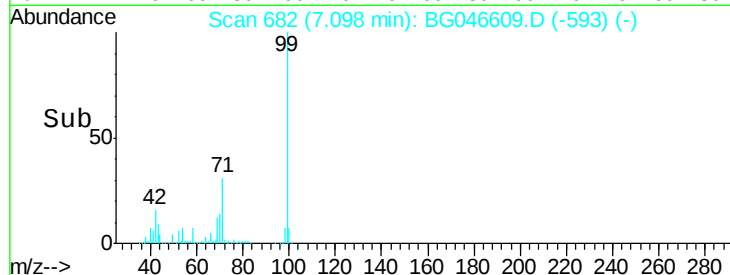
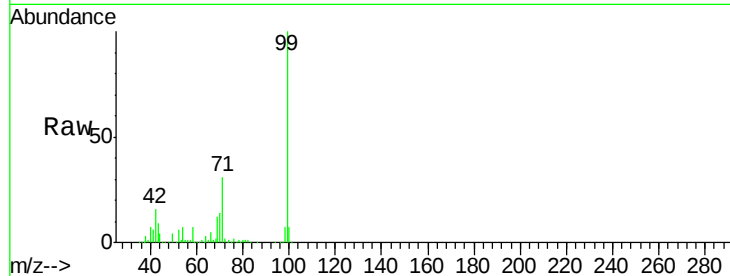


#5

2-Fluorophenol
Concen: 95.228 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Tgt Ion:112 Resp: 328247
Ion Ratio Lower Upper
112 100
64 59.5 47.0 70.6
63 30.1 23.5 35.3





#7

Phenol-d6

Concen: 89.068 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046609.D

Acq: 14 Sep 2020 18:51

Instrument :

BNA_G

ClientSampleId :

B20-7-9

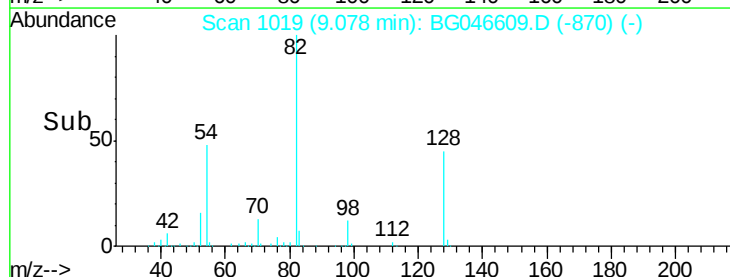
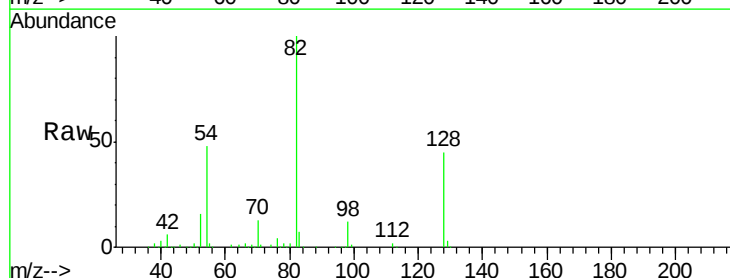
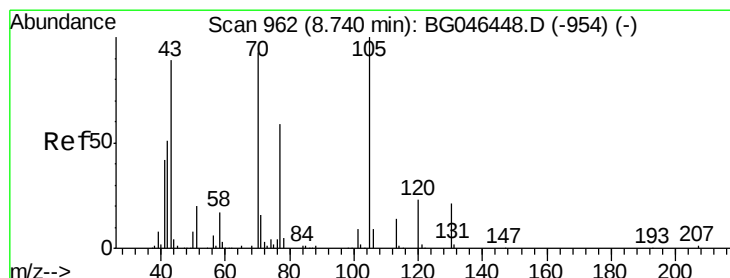
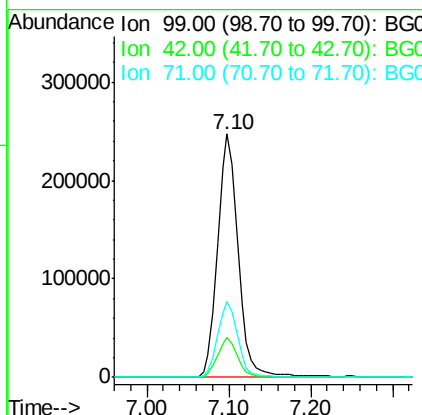
Tot Ion: 99 Resp: 435226

Ion Ratio Lower Upper

99 100

42 16.5 13.3 19.9

71 30.9 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 11.776 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.34 min

Lab File: BG046609.D

Acq: 14 Sep 2020 18:51

Tgt Ion: 70 Resp: 34419

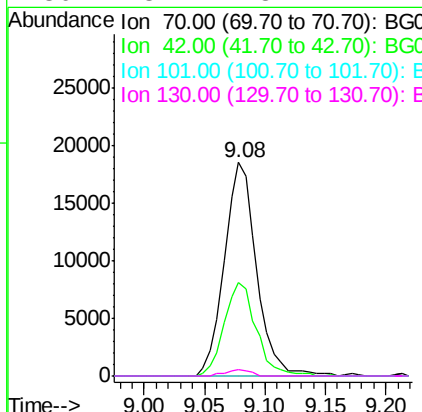
Ion Ratio Lower Upper

70 100

42 43.7 44.2 66.2#

101 0.0 7.8 11.8#

130 3.1 18.2 27.4#

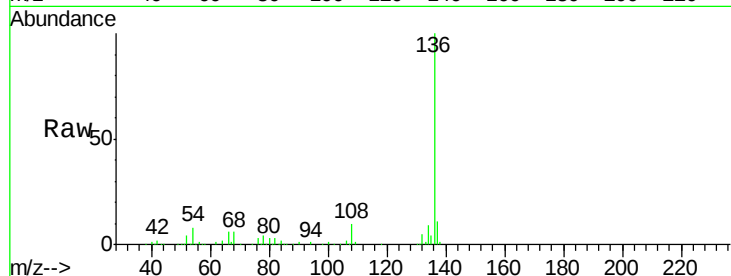




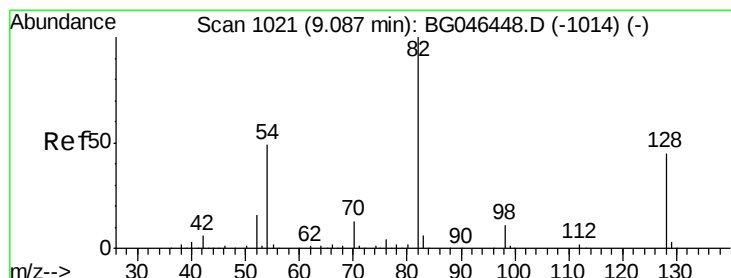
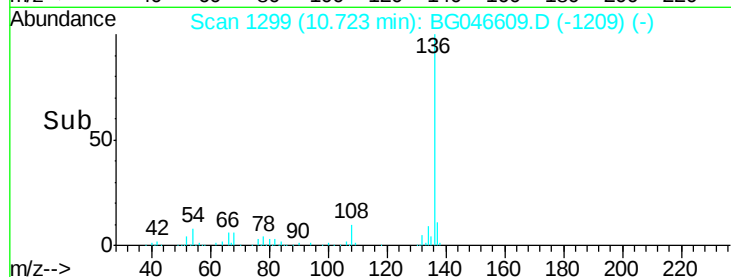
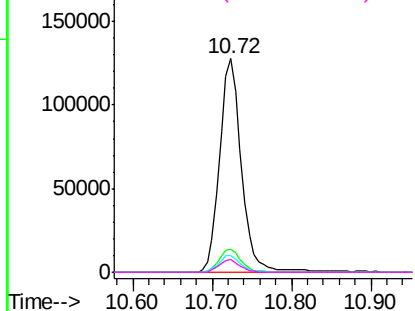
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Instrument :
BNA_G
ClientSampleId :
B20-7-9

Tot Ion:136	Resp:	243904
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	8.1	6.1 9.1
68	6.0	4.8 7.2

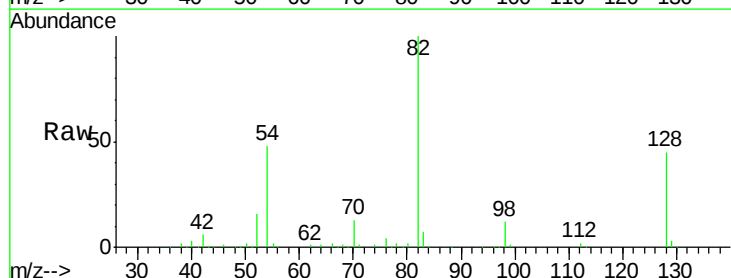


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

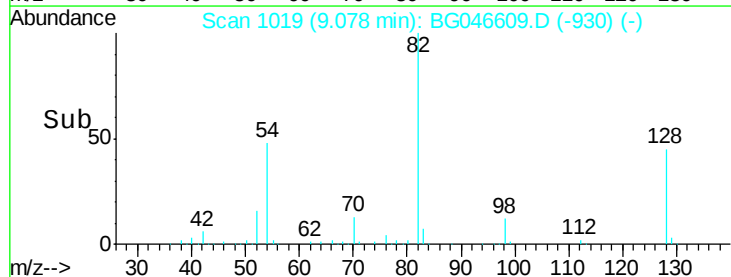
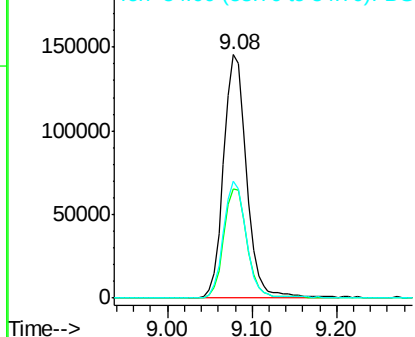


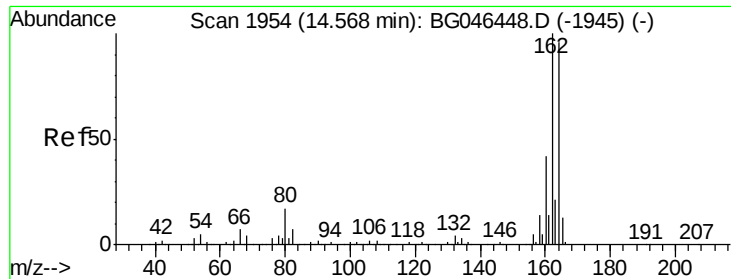
#23
Nitrobenzene-d5
Concen: 64.438 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Tgt Ion: 82	Resp:	274982
Ion	Ratio	Lower Upper
82	100	
128	44.8	35.7 53.5
54	48.0	39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

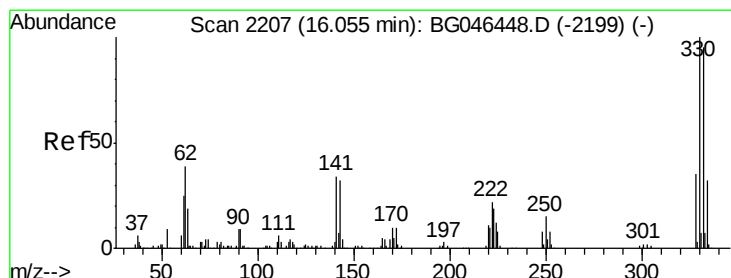
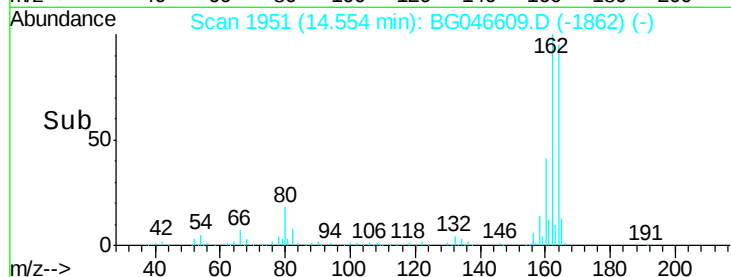
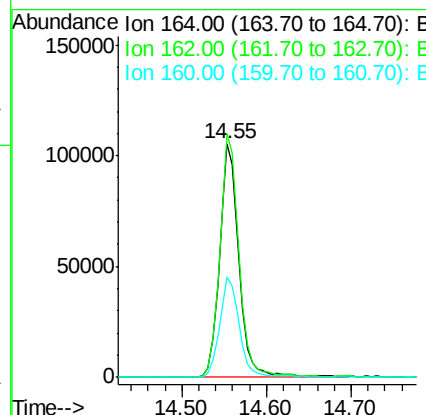
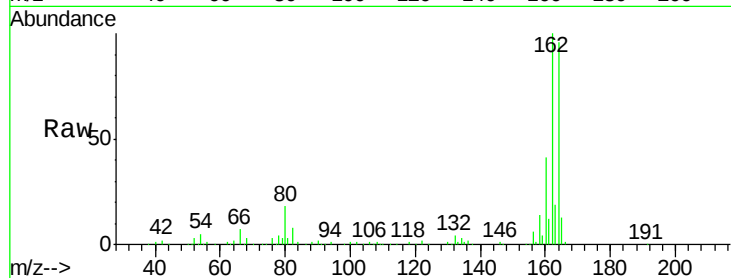




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

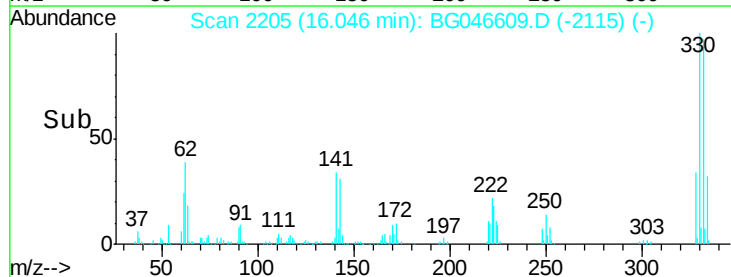
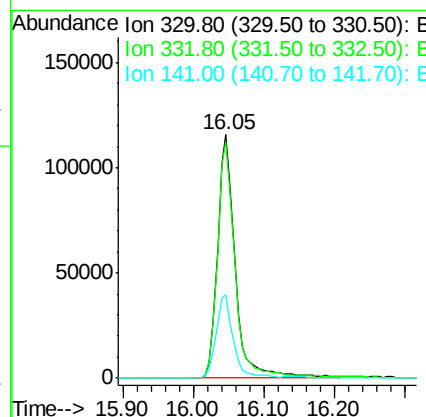
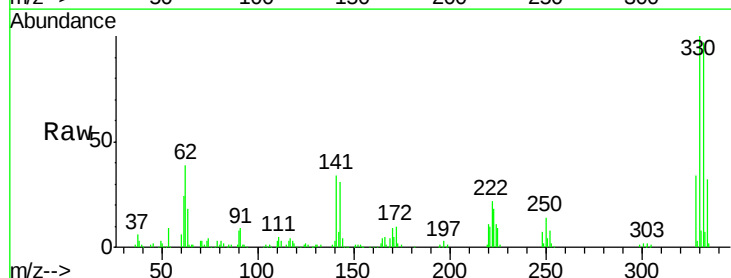
Instrument :
 BNA_G
 ClientSampled :
 B20-7-9

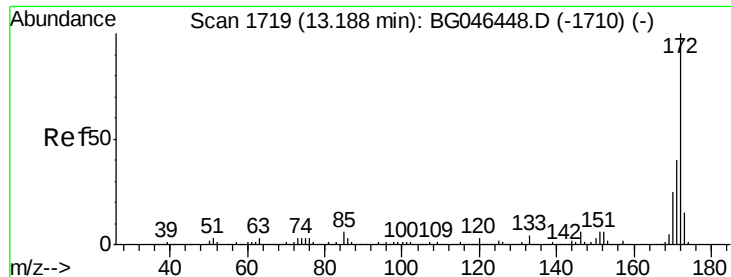
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.3	124.9
160	43.0	35.0	52.6



#42
 2,4,6-Tribromophenol
 Concen: 87.455 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.1	114.1
141	32.9	26.1	39.1

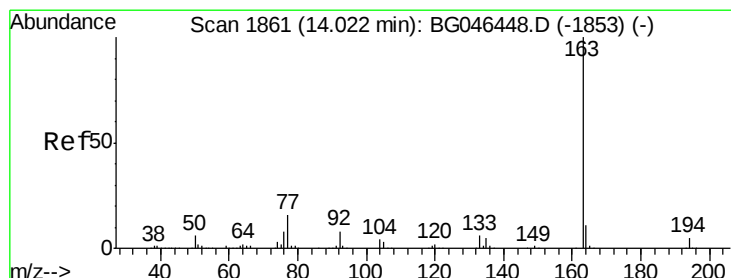
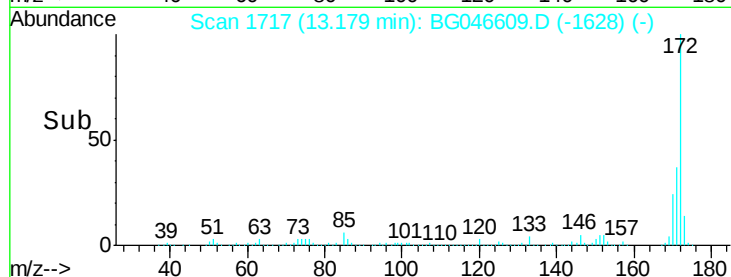
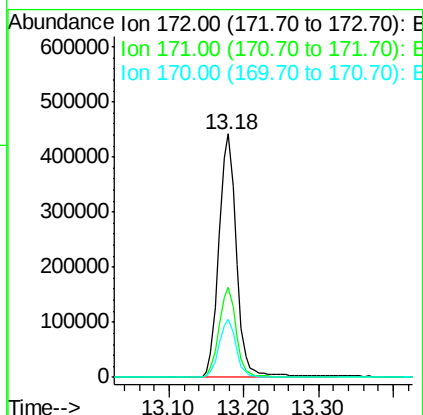
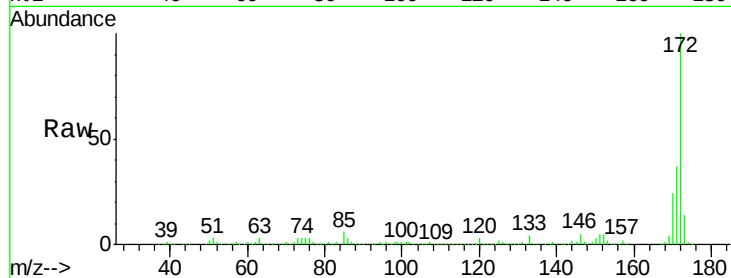




#45
2-Fluorobiphenyl
Concen: 65.061 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

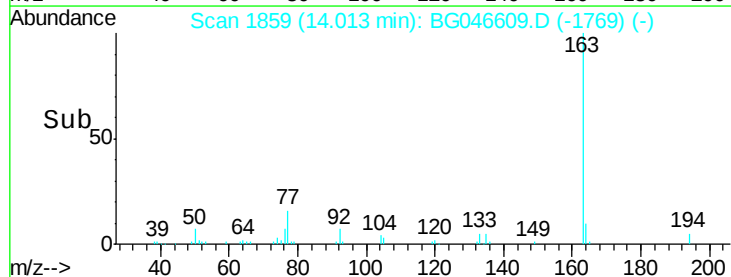
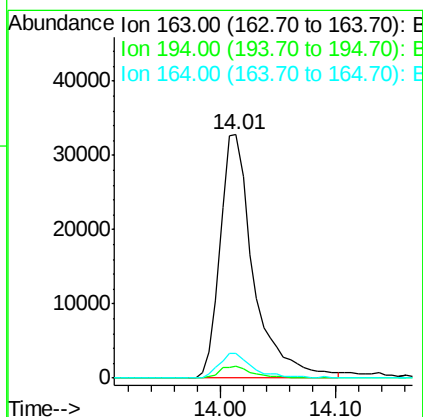
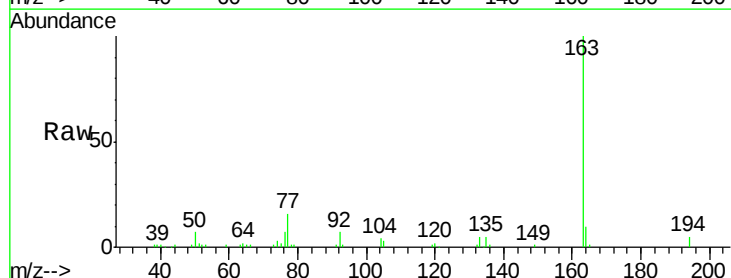
Instrument :
BNA_G
ClientSampleId :
B20-7-9

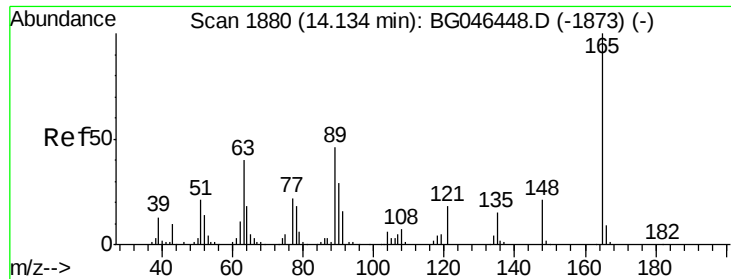
Tot Ion:172 Resp: 727406
Ion Ratio Lower Upper
172 100
171 36.8 31.8 47.6
170 23.8 20.3 30.5



#50
Dimethylphthalate
Concen: 4.994 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Tgt Ion:163 Resp: 65942
Ion Ratio Lower Upper
163 100
194 4.7 3.7 5.5
164 10.1 8.6 12.8

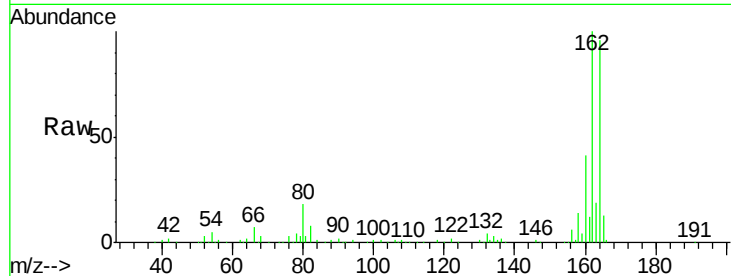




#51
 2,6-Dinitrotoluene
 Concen: 7.480 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. 0.42 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9

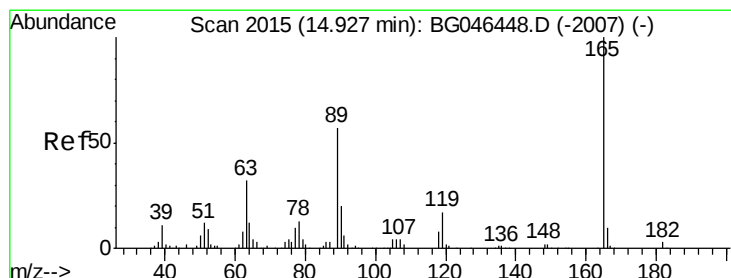
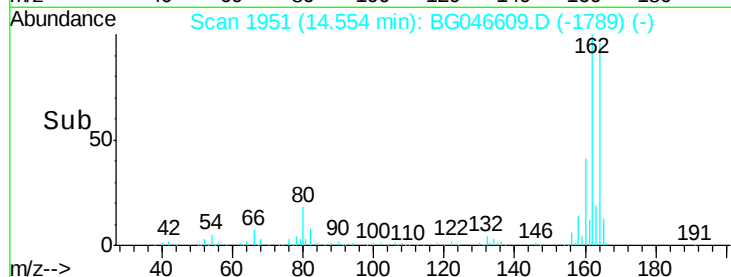
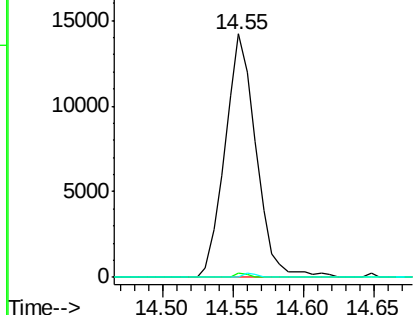
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.2	51.4#
89	0.0	37.0	55.4#



Abundance Ion 165.00 (164.70 to 165.70): E

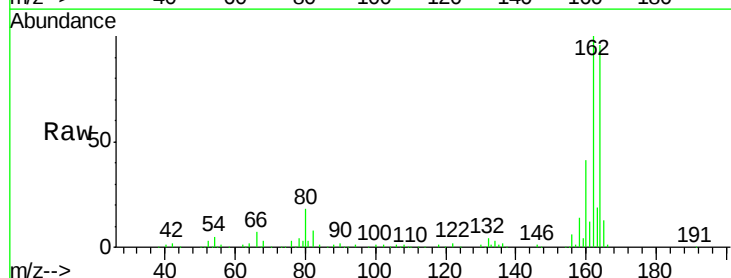
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.246 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.37 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	0.0	45.9	68.9#
182	0.0	2.3	3.5#

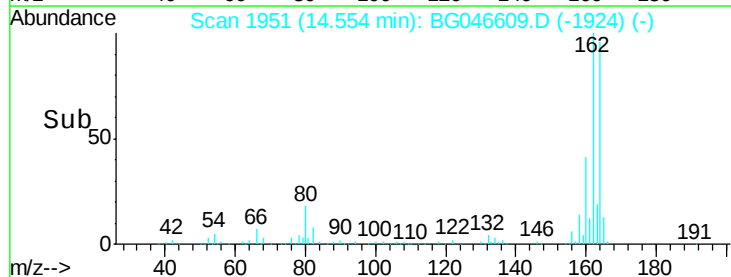
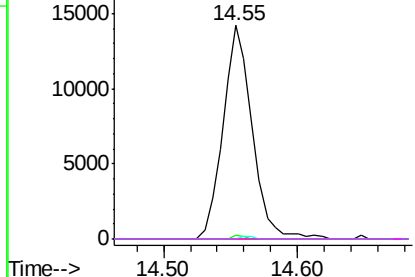


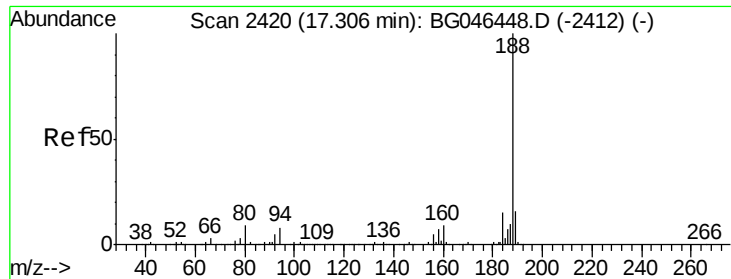
Abundance Ion 165.00 (164.70 to 165.70): E

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

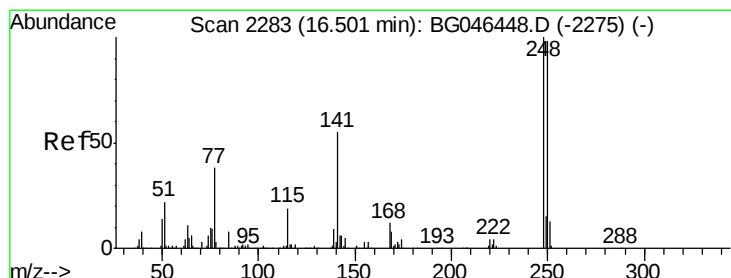
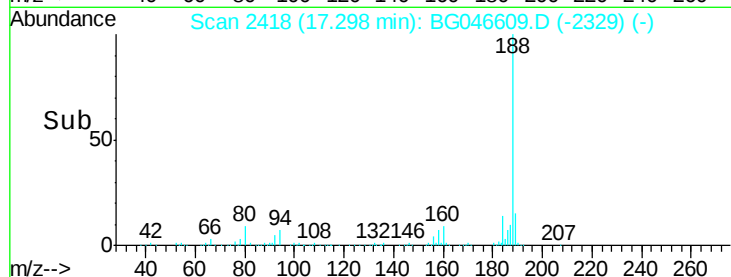
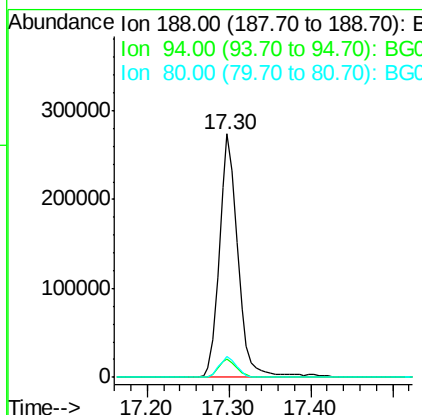
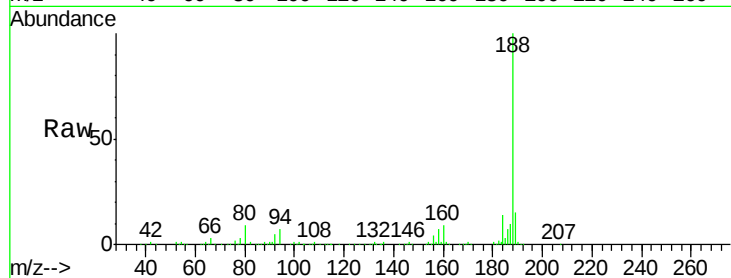




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

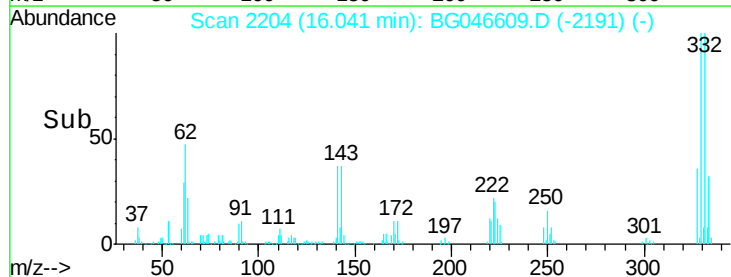
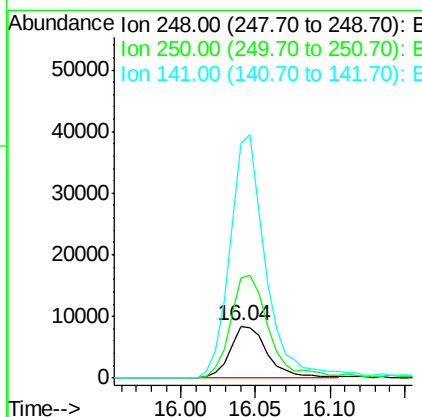
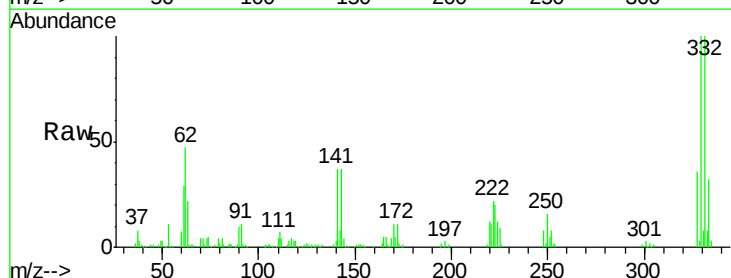
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9

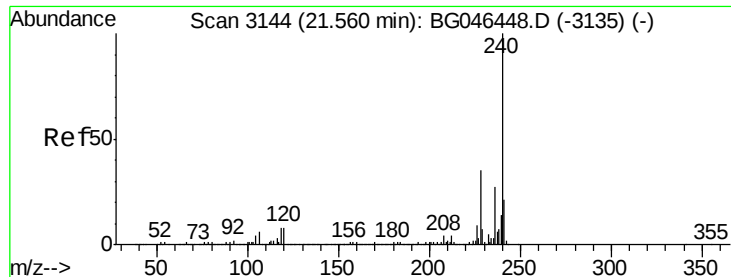
Tot Ion:188 Resp: 433728
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.3 9.5
 80 8.7 6.9 10.3



#67
 4-Bromophenyl-phenylether
 Concen: 2.929 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

Tgt Ion:248 Resp: 14820
 Ion Ratio Lower Upper
 248 100
 250 194.2 78.6 118.0#
 141 452.9 43.9 65.9#

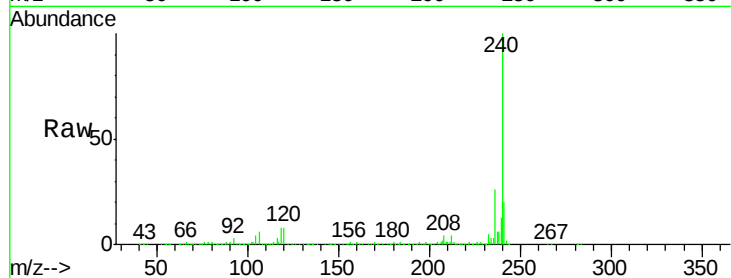




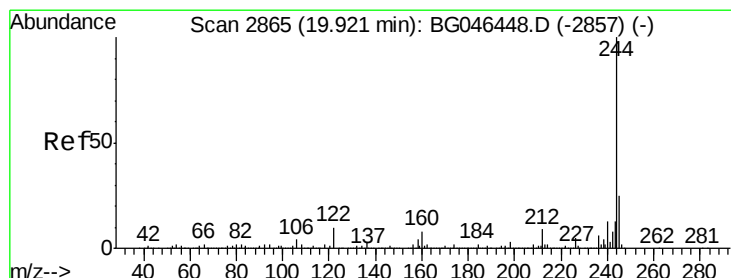
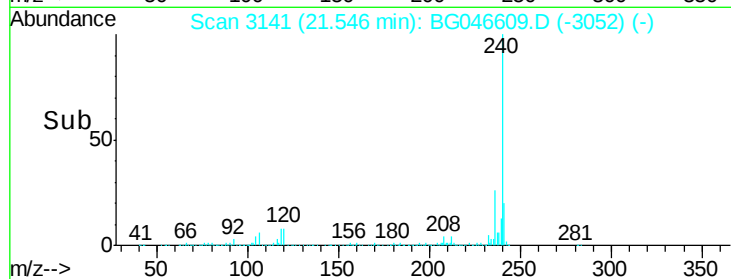
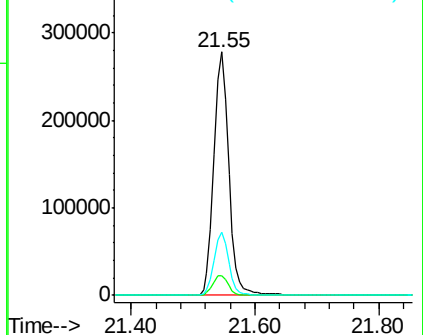
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Instrument :
BNA_G
ClientSampleId :
B20-7-9

Tot Ion:240 Resp: 465996
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.7 21.4 32.2

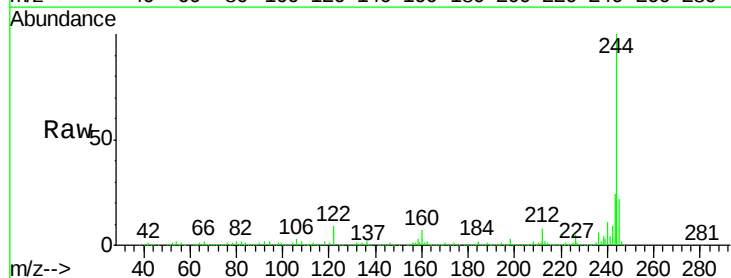


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

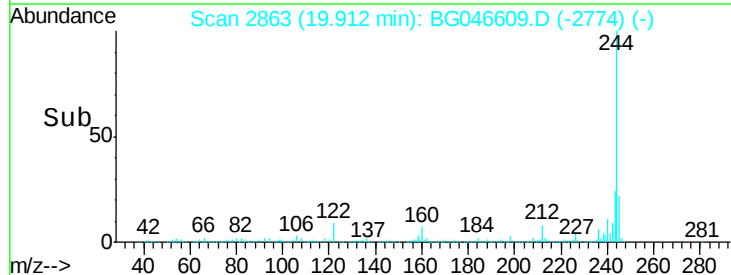
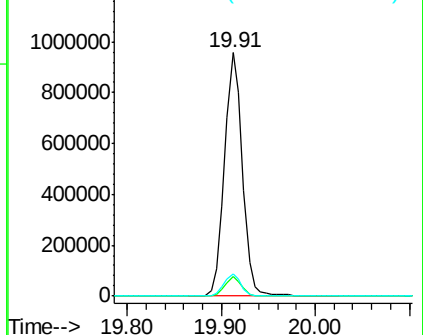


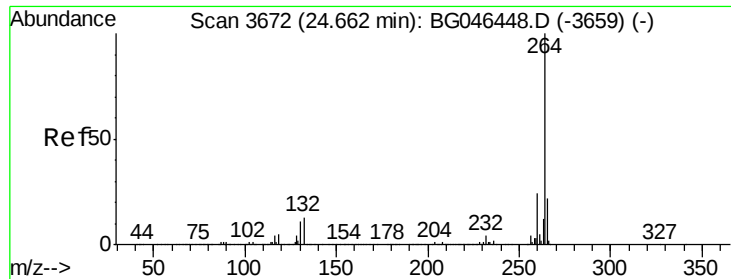
#79
Terphenyl-d14
Concen: 57.912 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG046609.D
Acq: 14 Sep 2020 18:51

Tgt Ion:244 Resp: 1268072
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 8.9 8.2 12.4



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





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.64 min Scan# 3668
 Delta R.T. -0.01 min
 Lab File: BG046609.D
 Acq: 14 Sep 2020 18:51

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.4	17.9	26.9

