

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
 Data File : BG048962.D
 Acq On : 15 Jun 2021 2:24
 Operator : CG/JU
 Sample : PB137103BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137103BL

Quant Time: Jun 15 02:58:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 16:03:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

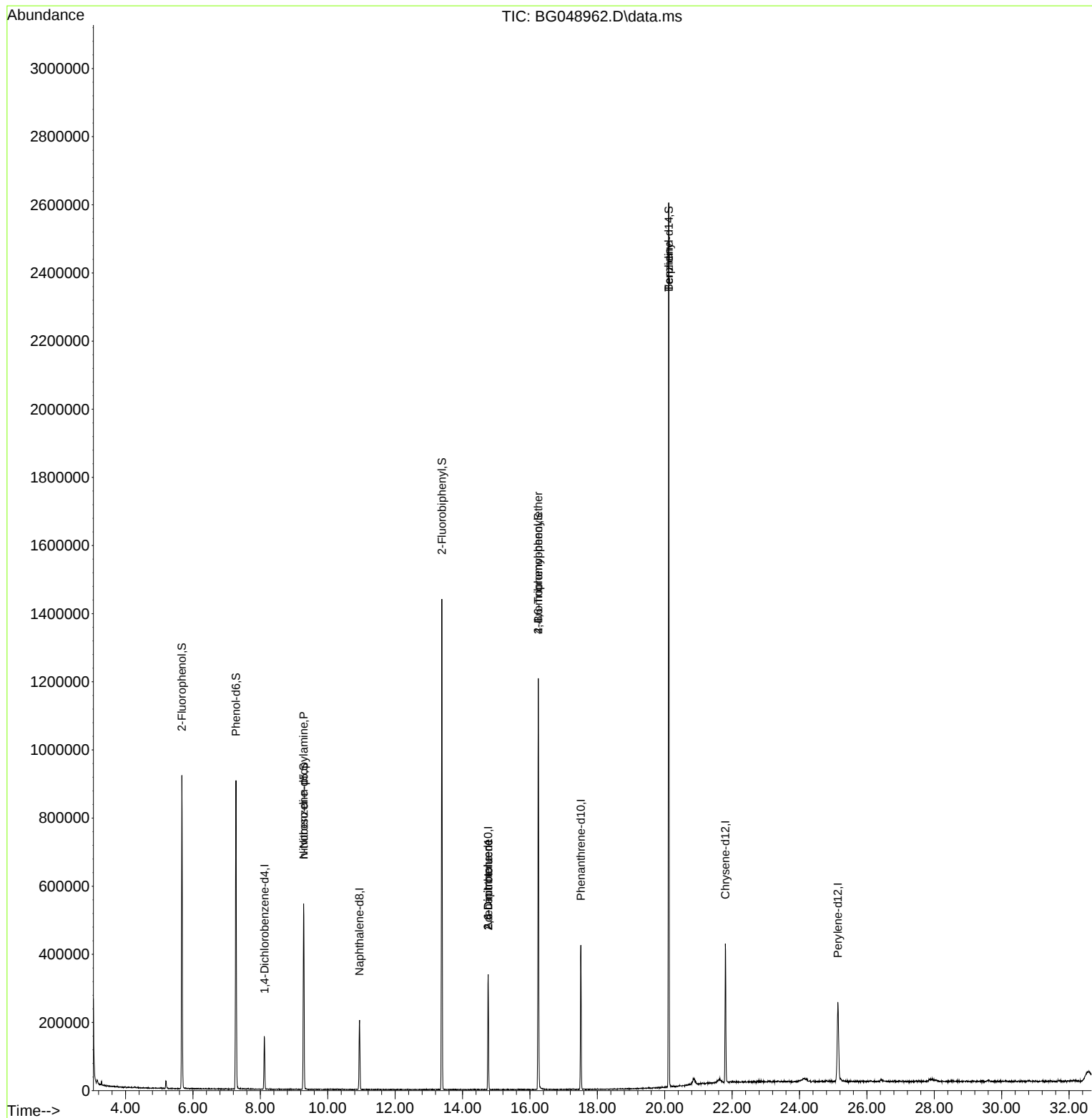
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	40322	20.00	ng	0.00
21) Naphthalene-d8	10.942	136	163401	20.00	ng	# 0.00
39) Acenaphthene-d10	14.761	164	119037	20.00	ng	0.00
64) Phenanthrene-d10	17.511	188	268508	20.00	ng	# 0.00
76) Chrysene-d12	21.800	240	266386	20.00	ng	-0.02
86) Perylene-d12	25.137	264	268023	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	356887	137.78	ng	0.00
7) Phenol-d6	7.276	99	463714	119.44	ng	0.01
23) Nitrobenzene-d5	9.285	82	330309	87.17	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	224550	127.32	ng	0.00
45) 2-Fluorobiphenyl	13.386	172	700524	83.13	ng	0.00
79) Terphenyl-d14	20.120	244	1199415	82.46	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.285	70	48037	15.83	ng	# 75
51) 2,6-Dinitrotoluene	14.761	165	15792	8.36	ng	# 12
57) 2,4-Dinitrotoluene	14.761	165	15792	6.81	ng	# 17
67) 4-Bromophenyl-phenylether	16.248	248	15090	4.50	ng	# 1
77) Benzidine	20.120	184	24035	4.48	ng	# 93

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

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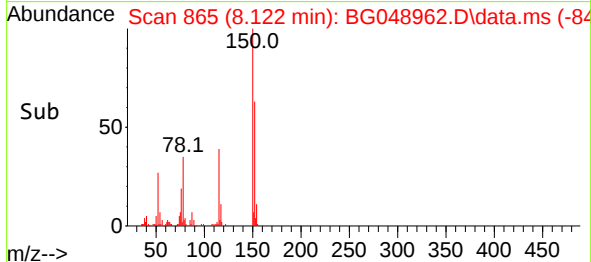
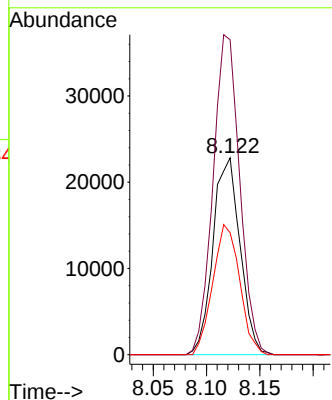
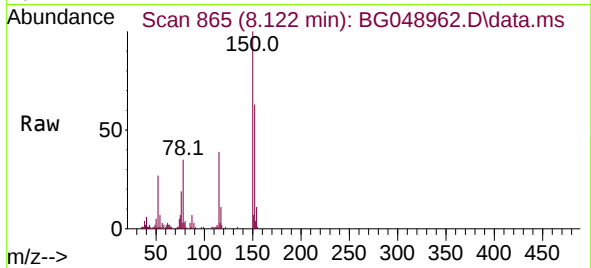




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.122 min Scan# 865
Delta R.T. 0.000 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

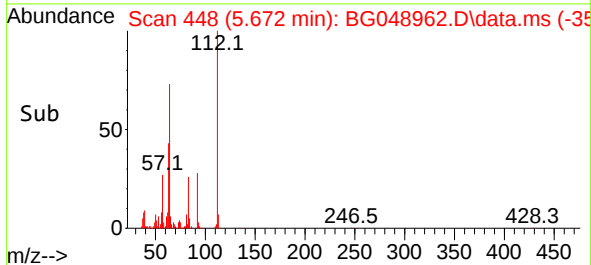
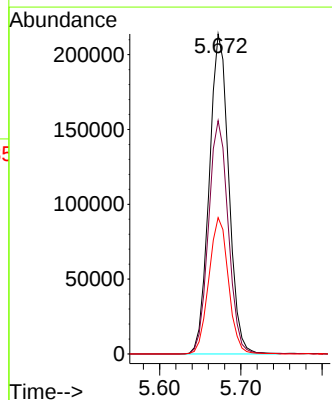
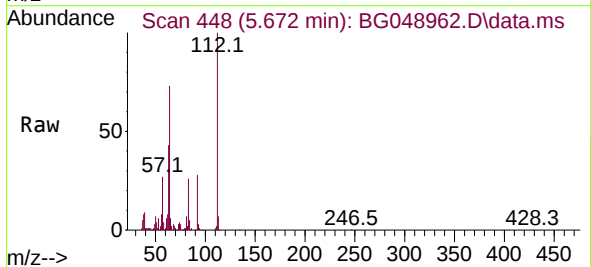
Instrument :
BNA_G
ClientSampleId :
PB137103BL

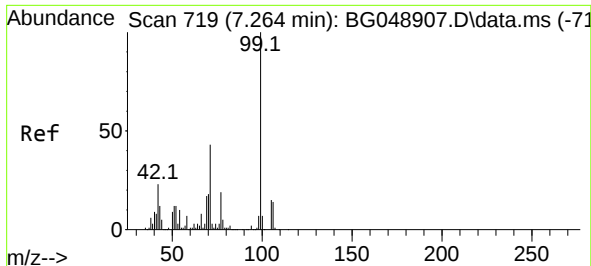
Tgt Ion:152 Resp: 40322
Ion Ratio Lower Upper
152 100
150 159.9 119.4 179.0
115 61.9 60.2 90.4



#5
2-Fluorophenol
Concen: 137.78 ng
RT: 5.672 min Scan# 448
Delta R.T. 0.006 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

Tgt Ion:112 Resp: 356887
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 42.6 35.3 52.9

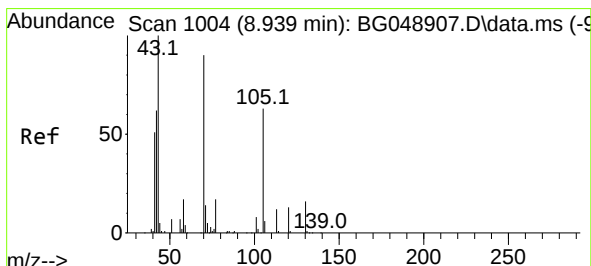
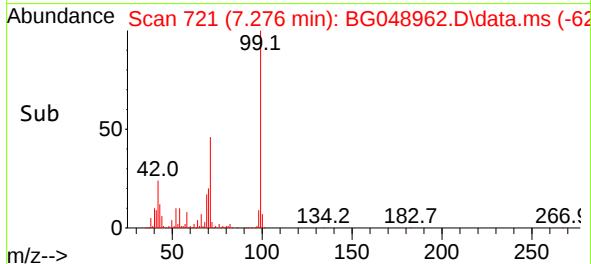
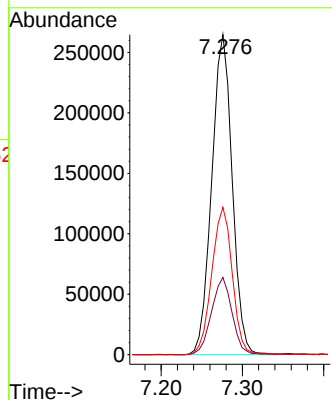
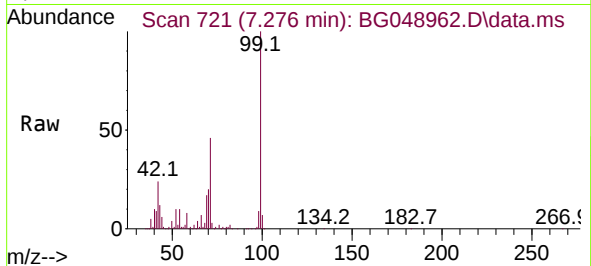




#7
Phenol-d6
Concen: 119.44 ng
RT: 7.276 min Scan# 721
Delta R.T. 0.012 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

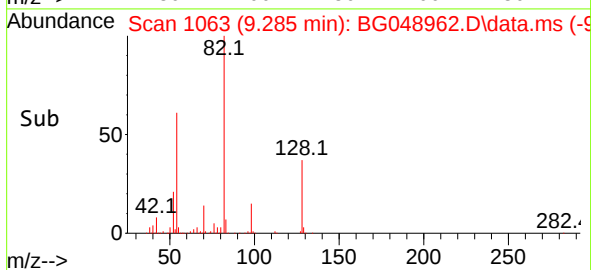
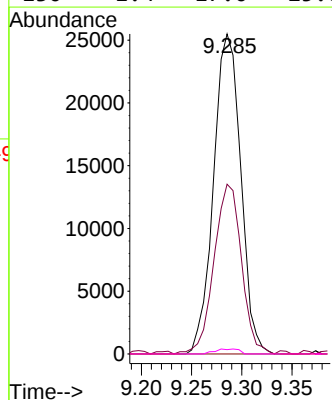
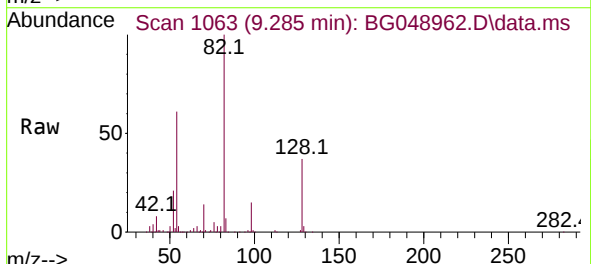
Instrument :
BNA_G
ClientSampleId :
PB137103BL

Tgt Ion: 99 Resp: 463714
Ion Ratio Lower Upper
99 100
42 24.2 20.5 30.7
71 46.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.83 ng
RT: 9.285 min Scan# 1063
Delta R.T. 0.347 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

Tgt Ion: 70 Resp: 48037
Ion Ratio Lower Upper
70 100
42 53.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

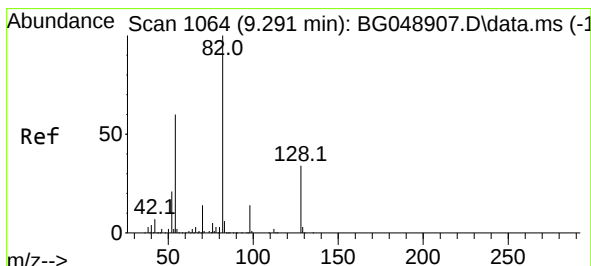
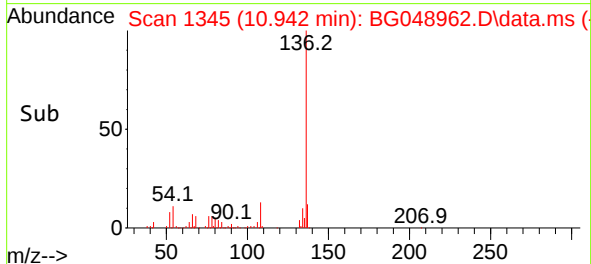
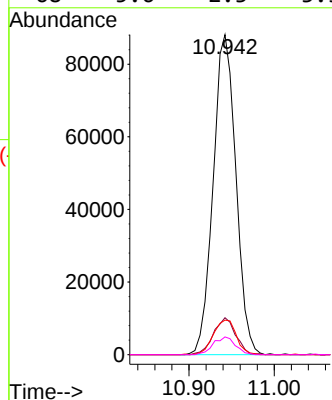
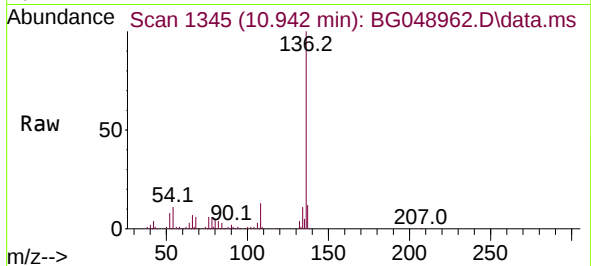




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.942 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

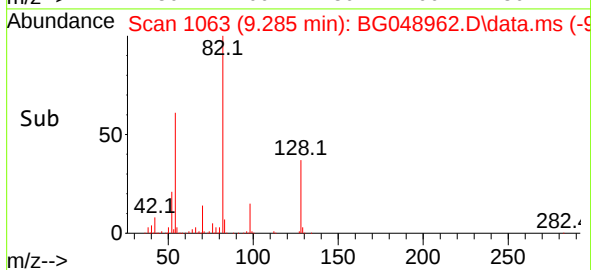
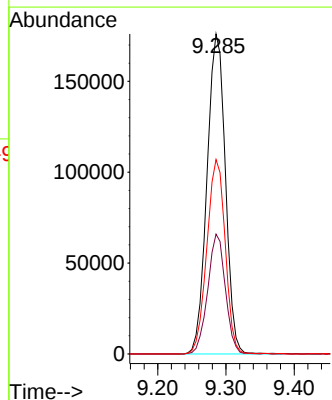
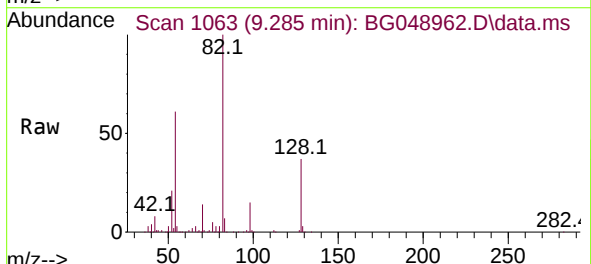
Instrument :
BNA_G
ClientSampleId :
PB137103BL

Tgt Ion:136	Resp: 163401
Ion Ratio	Lower Upper
136	100
137	11.5 8.2 12.2
54	10.8 5.5 8.3#
68	5.6 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 87.17 ng
RT: 9.285 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

Tgt Ion: 82	Resp: 330309
Ion Ratio	Lower Upper
82	100
128	37.5 29.8 44.6
54	60.8 45.8 68.8

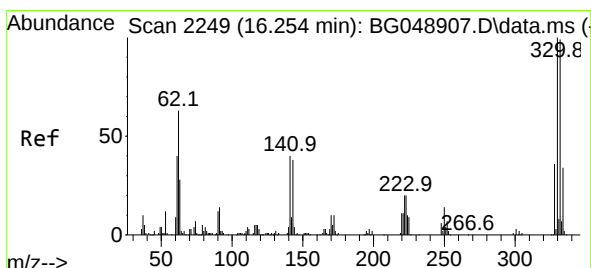
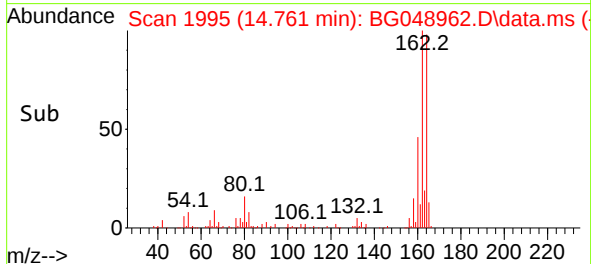
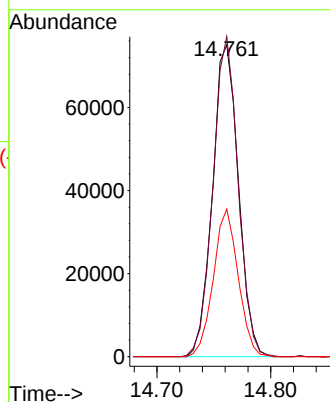
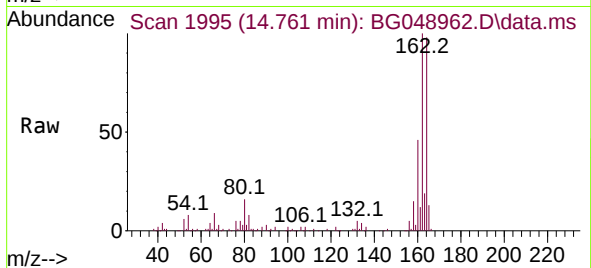




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.761 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

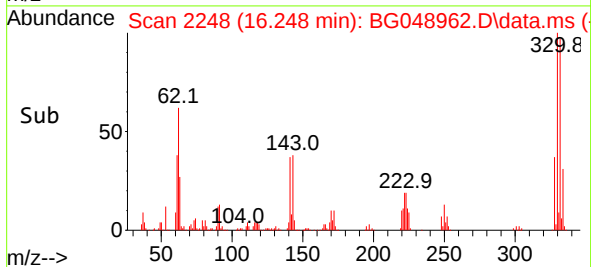
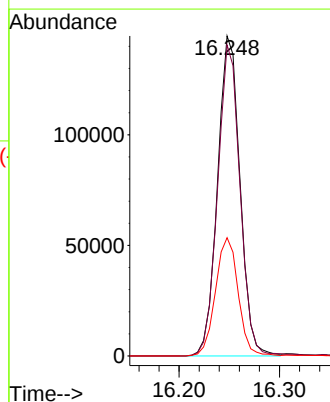
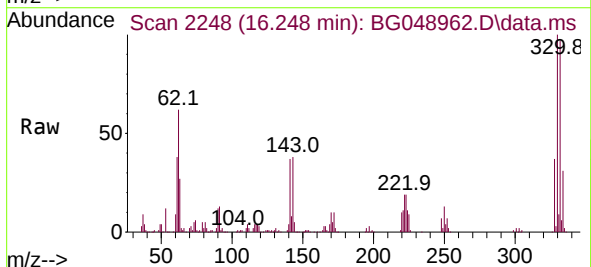
Instrument :
BNA_G
ClientSampleId :
PB137103BL

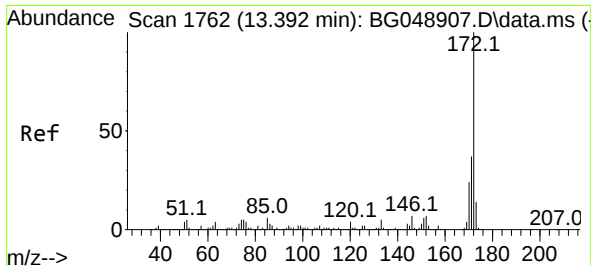
Tgt Ion:164 Resp: 119037
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 47.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 127.32 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

Tgt Ion:330 Resp: 224550
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 37.6 35.6 53.4

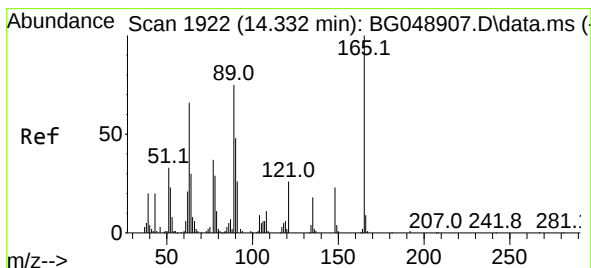
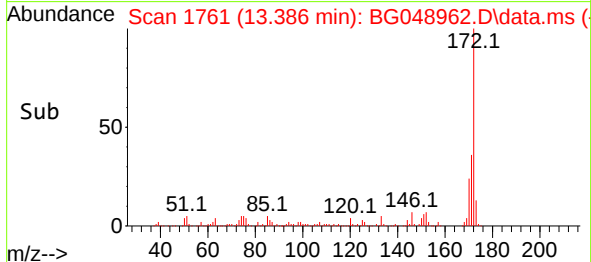
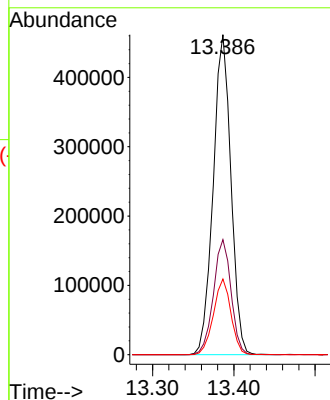
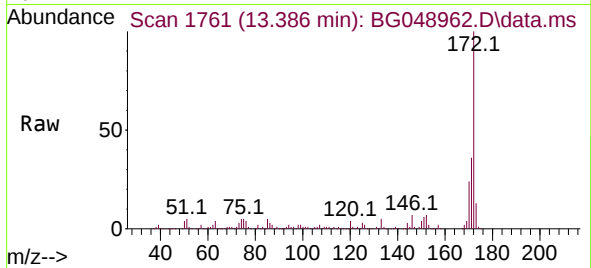




#45
2-Fluorobiphenyl
Concen: 83.13 ng
RT: 13.386 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

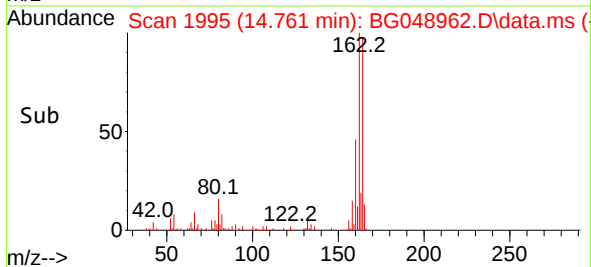
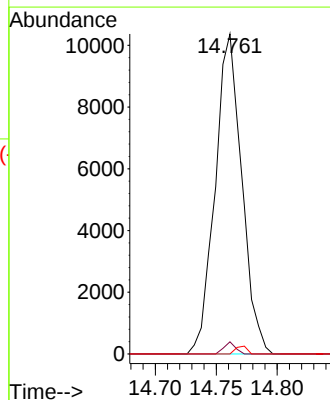
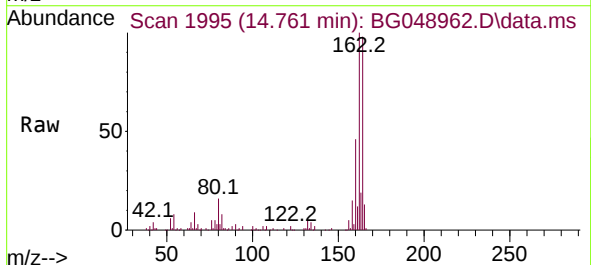
Instrument :
BNA_G
ClientSampleId :
PB137103BL

Tgt Ion:172 Resp: 700524
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.36 ng
RT: 14.761 min Scan# 1995
Delta R.T. 0.429 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

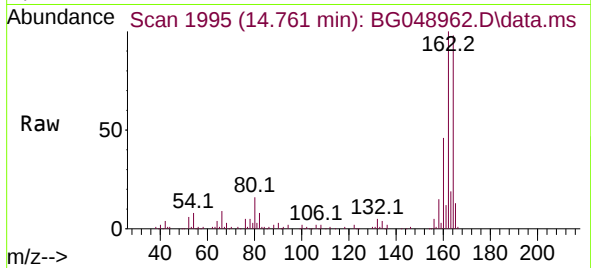
Tgt Ion:165 Resp: 15792
Ion Ratio Lower Upper
165 100
63 3.8 63.3 94.9#
89 0.0 63.4 95.0#



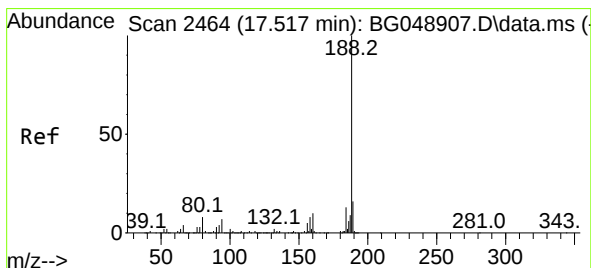
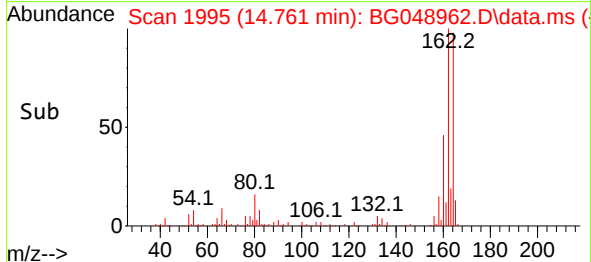
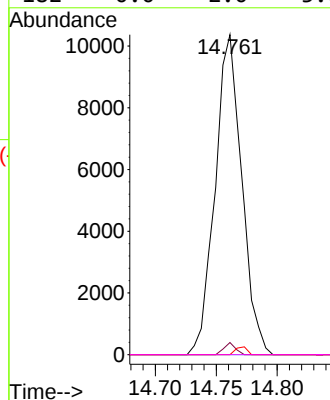


#57
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 14.761 min Scan# 1995
Delta R.T. -0.358 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

Instrument :
BNA_G
ClientSampleId :
PB137103BL

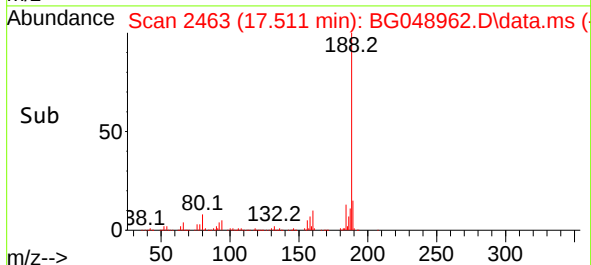
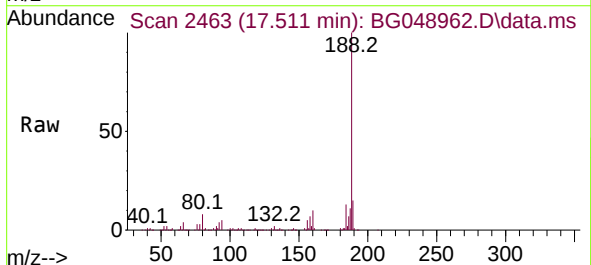
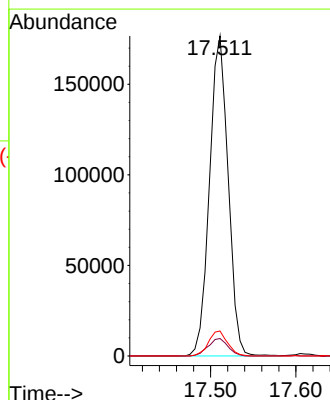


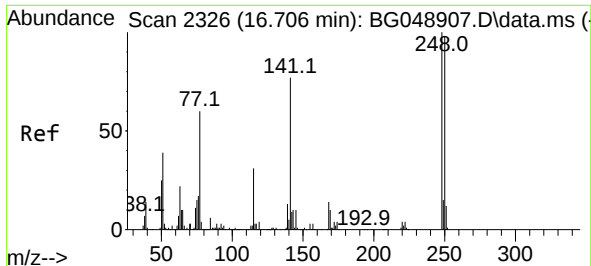
Tgt Ion:165 Resp: 15792
Ion Ratio Lower Upper
165 100
63 3.8 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.511 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

Tgt Ion:188 Resp: 268508
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.8 3.7 5.5#

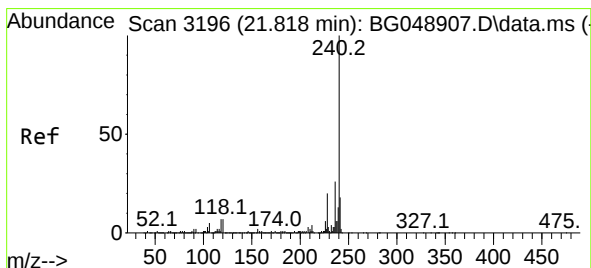
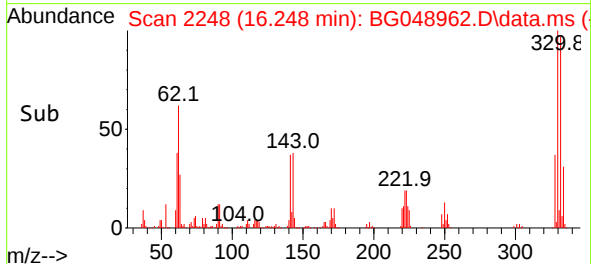
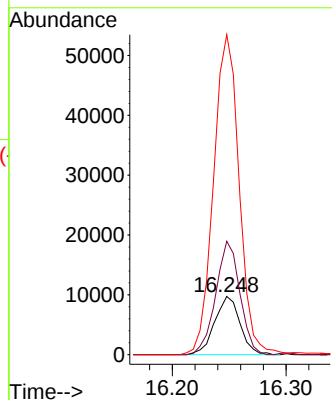
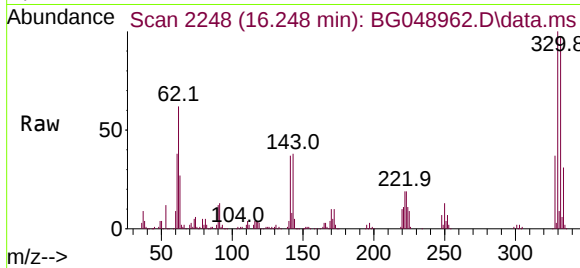




#67
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 16.248 min Scan# 2248
Delta R.T. -0.458 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

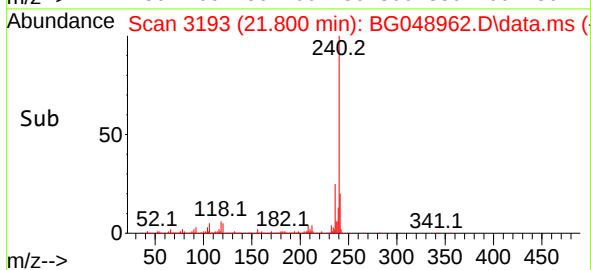
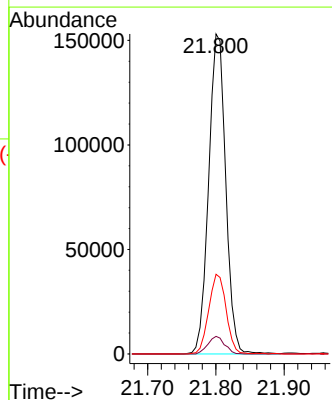
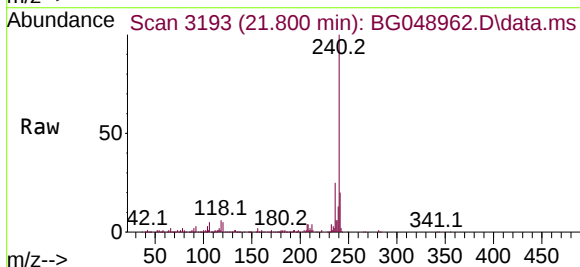
Instrument :
BNA_G
ClientSampled :
PB137103BL

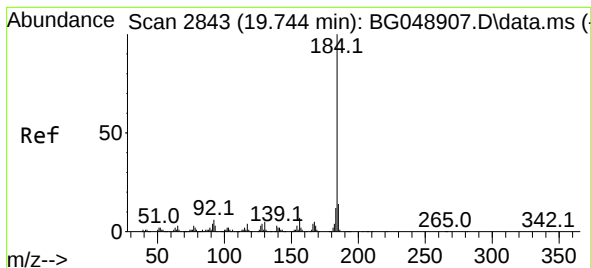
Tgt Ion:248 Resp: 15090
Ion Ratio Lower Upper
248 100
250 195.1 76.1 114.1#
141 550.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.800 min Scan# 3193
Delta R.T. -0.018 min
Lab File: BG048962.D
Acq: 15 Jun 2021 2:24

Tgt Ion:240 Resp: 266386
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 24.9 21.8 32.6





#77

Benzidine

Concen: 4.48 ng

RT: 20.120 min Scan# 2907

Delta R.T. 0.376 min

Lab File: BG048962.D

Acq: 15 Jun 2021 2:24

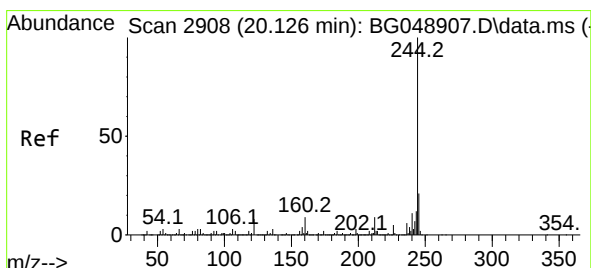
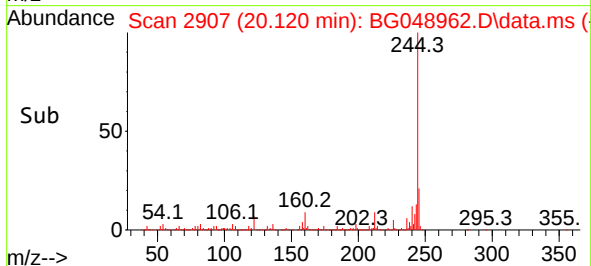
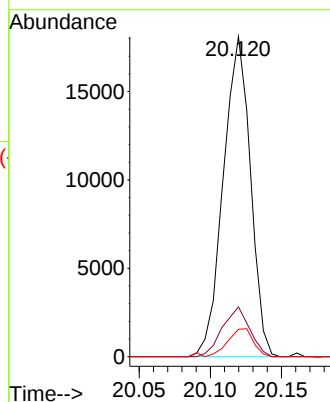
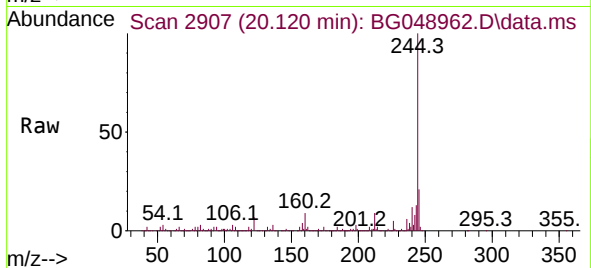
Tgt Ion:184	Resp:	24035
Ion Ratio	Lower	Upper
184	100	
185	15.5	10.7 16.1
183	8.5	9.4 14.0#

Instrument :

BNA_G

ClientSampleId :

PB137103BL



#79

Terphenyl-d14

Concen: 82.46 ng

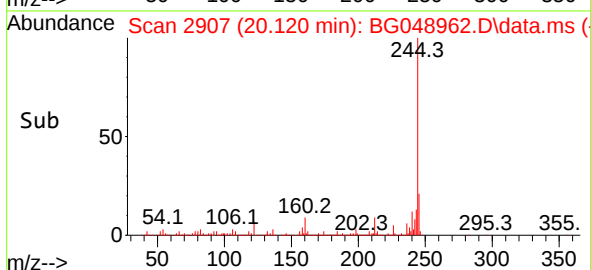
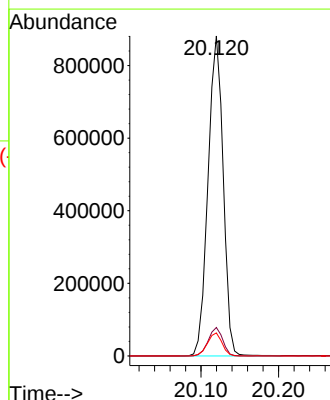
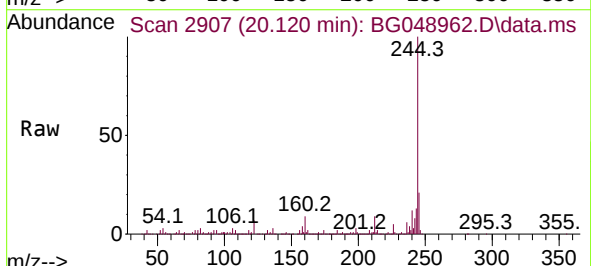
RT: 20.120 min Scan# 2907

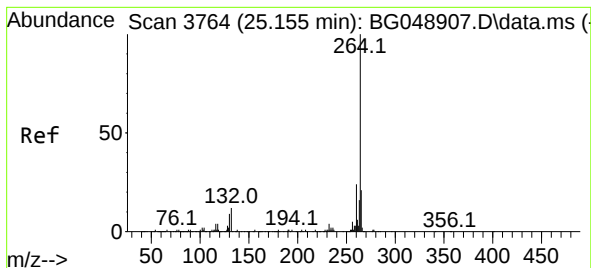
Delta R.T. -0.006 min

Lab File: BG048962.D

Acq: 15 Jun 2021 2:24

Tgt Ion:244	Resp:	1199415
Ion Ratio	Lower	Upper
244	100	
212	8.9	6.9 10.3
122	7.2	5.0 7.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.137 min Scan# 3761

Delta R.T. -0.018 min

Lab File: BG048962.D

Acq: 15 Jun 2021 2:24

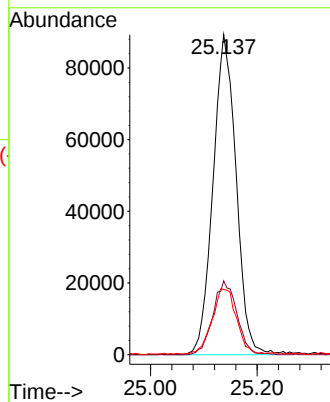
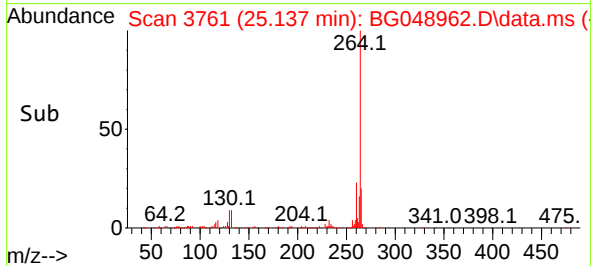
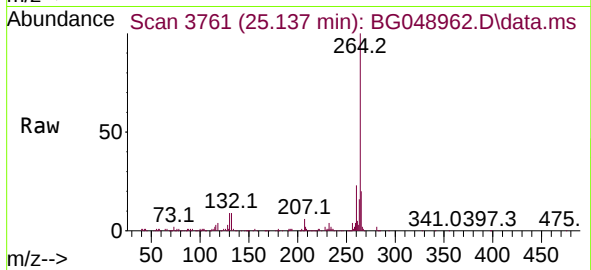
Tgt Ion:264 Resp: 268023

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 20.4 16.9 25.3



Instrument :

BNA_G

ClientSampleId :

PB137103BL