

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048864.D
 Acq On : 23 Apr 2021 15:30
 Operator : CG/JU
 Sample : M2107-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-0-2.0

Quant Time: Apr 23 16:19:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

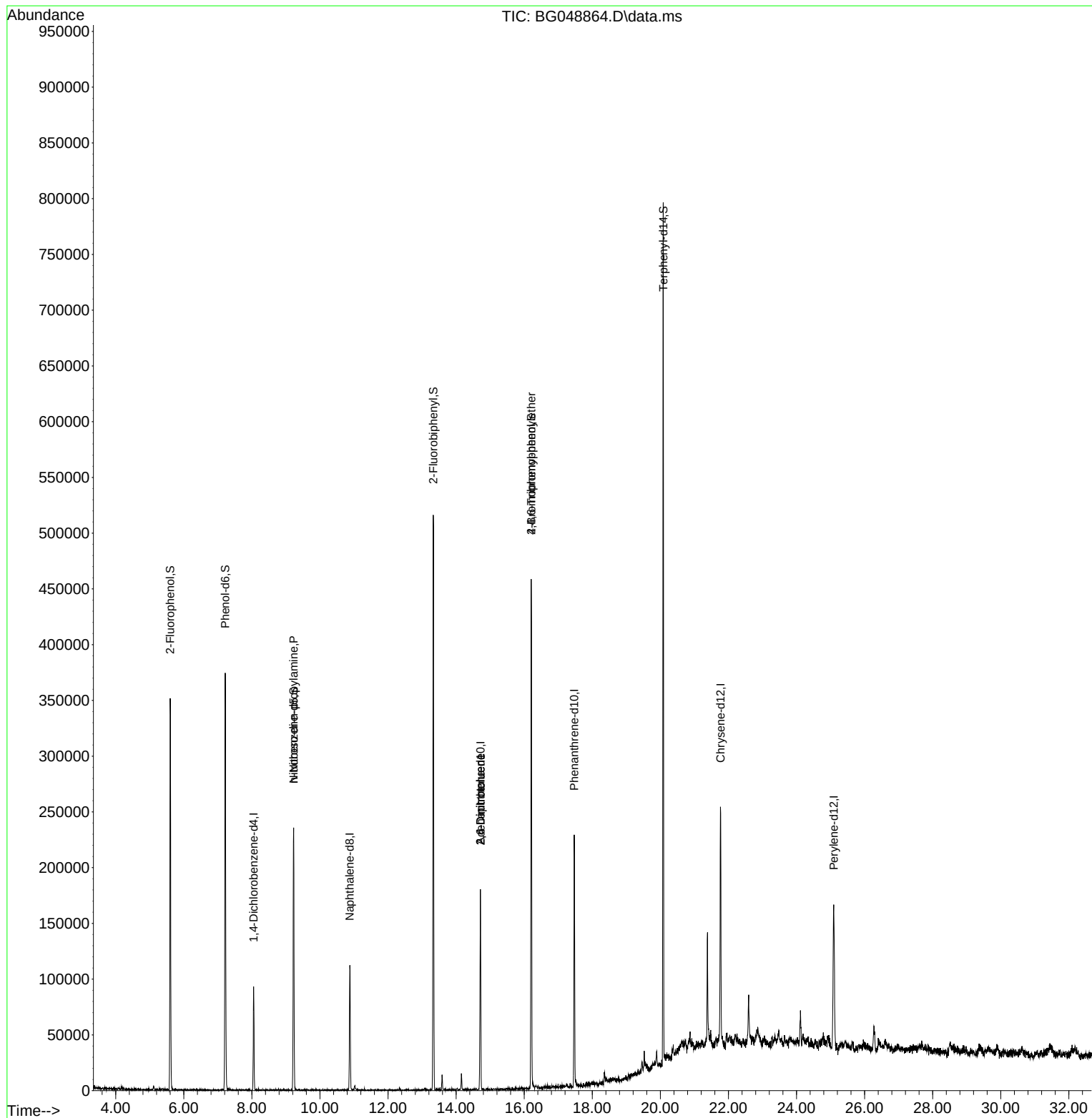
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	22050	20.00	ng	0.00
21) Naphthalene-d8	10.878	136	90522	20.00	ng	#-0.01
39) Acenaphthene-d10	14.715	164	59445	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	136615	20.00	ng	# 0.00
76) Chrysene-d12	21.765	240	126169	20.00	ng	-0.01
86) Perylene-d12	25.097	264	125840	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	135421	102.72	ng	0.00
7) Phenol-d6	7.218	99	181406	97.28	ng	0.00
23) Nitrobenzene-d5	9.227	82	136464	67.49	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	74299	93.22	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	255934	62.18	ng	0.00
79) Terphenyl-d14	20.085	244	340897	46.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.227	70	21140	16.80	ng	# 77
51) 2,6-Dinitrotoluene	14.715	165	8686	8.44	ng	# 12
57) 2,4-Dinitrotoluene	14.715	165	8686	5.81	ng	# 17
67) 4-Bromophenyl-phenylether	16.207	248	5498	3.50	ng	# 1

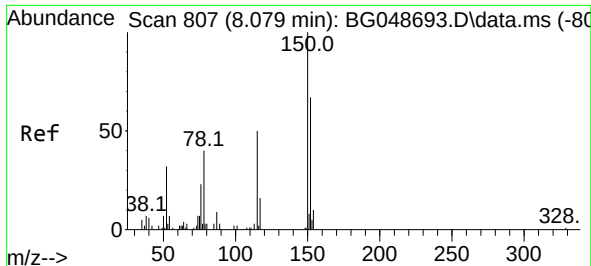
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
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SB-32-0-2.0

Quant Time: Apr 23 16:19:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

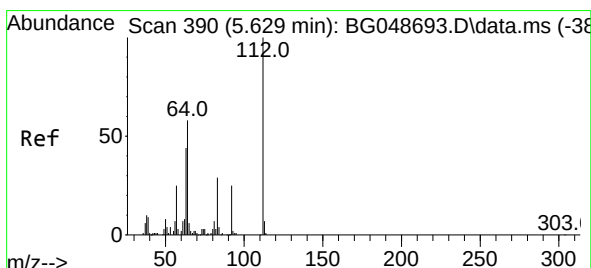
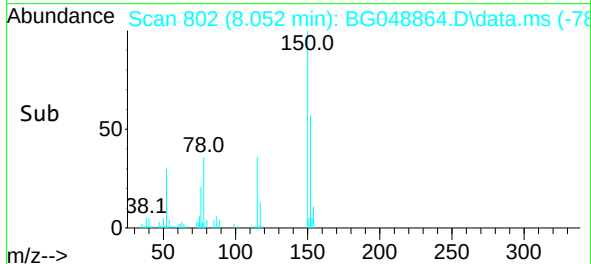
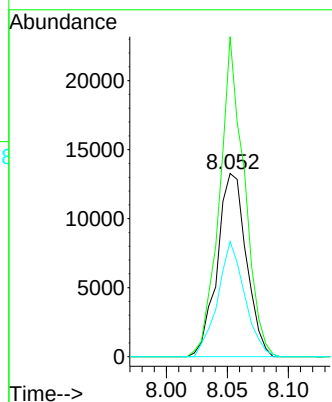
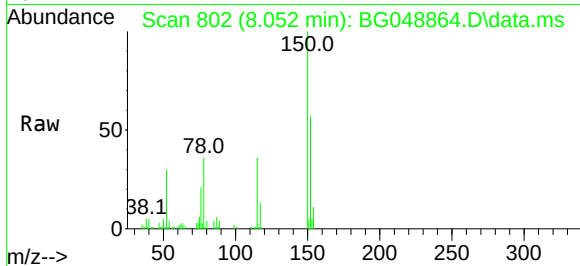




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.052 min Scan# 802
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

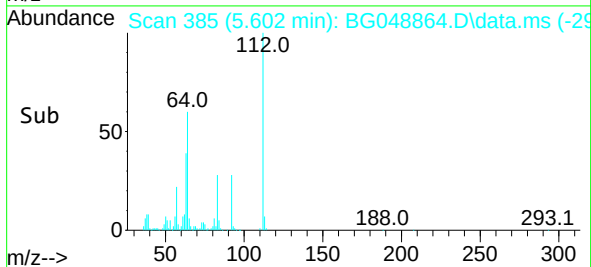
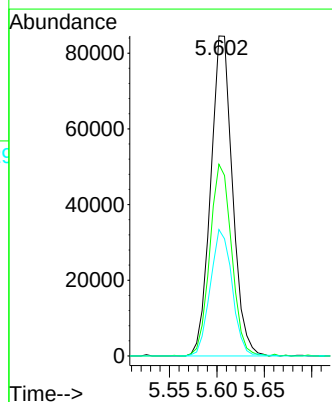
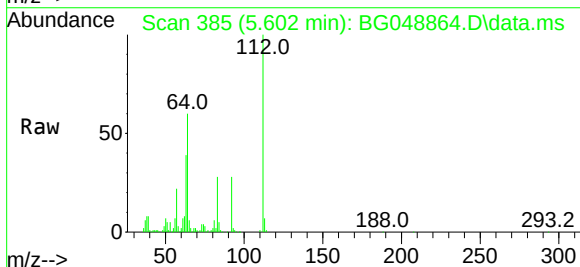
Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

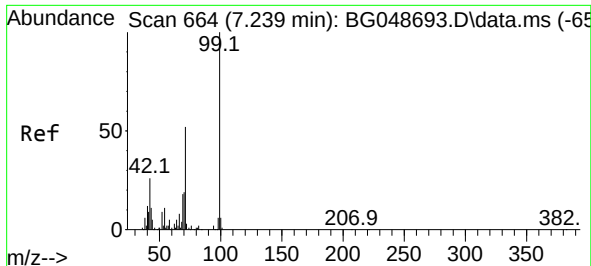
Tgt Ion:152 Resp: 22050
Ion Ratio Lower Upper
152 100
150 174.6 119.4 179.0
115 62.8 60.2 90.4



#5
2-Fluorophenol
Concen: 102.72 ng
RT: 5.602 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:112 Resp: 135421
Ion Ratio Lower Upper
112 100
64 59.9 46.7 70.1
63 39.5 35.3 52.9

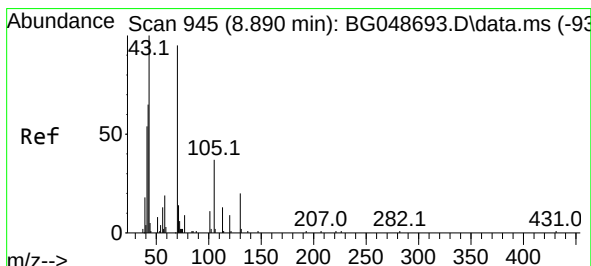
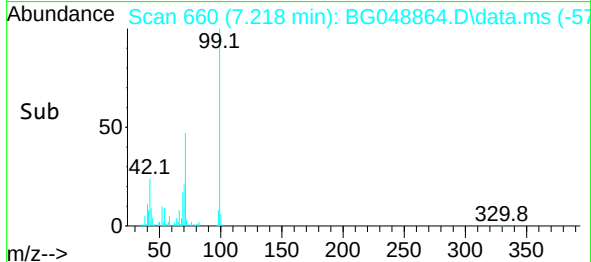
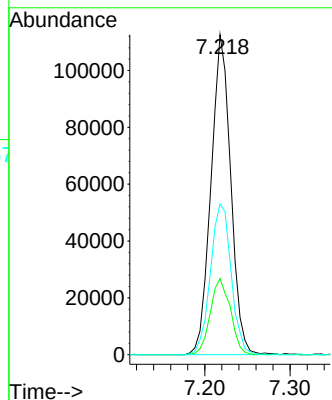
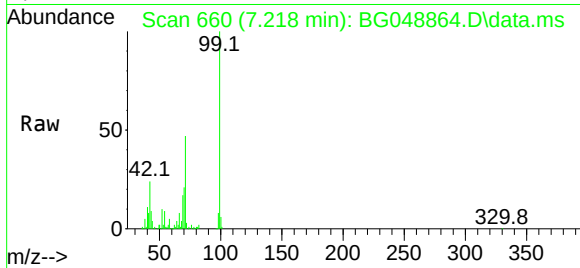




#7
Phenol-d6
Concen: 97.28 ng
RT: 7.218 min Scan# 660
Delta R.T. -0.003 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

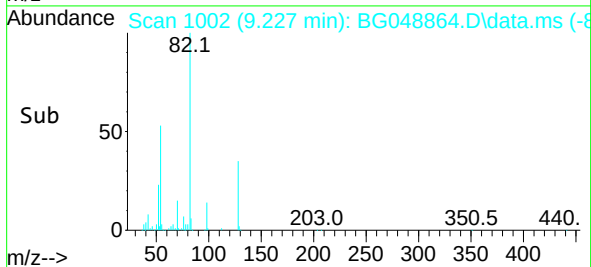
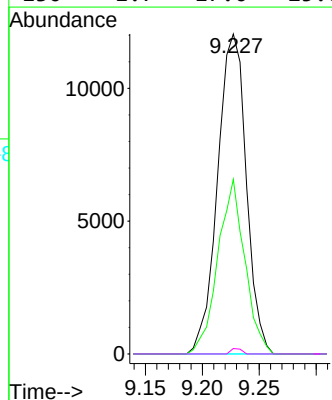
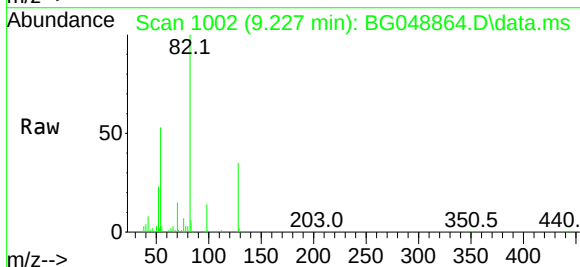
Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

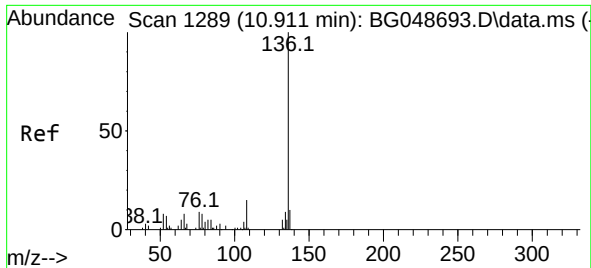
Tgt Ion: 99 Resp: 181406
Ion Ratio Lower Upper
99 100
42 23.8 20.5 30.7
71 47.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.80 ng
RT: 9.227 min Scan# 1002
Delta R.T. 0.355 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion: 70 Resp: 21140
Ion Ratio Lower Upper
70 100
42 54.6 54.5 81.7
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

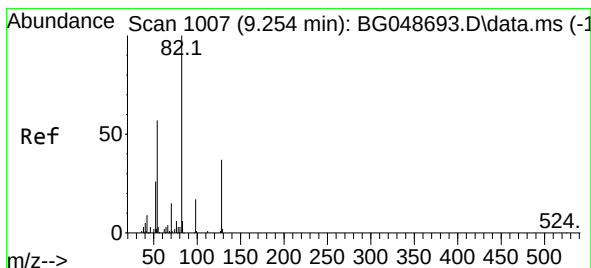
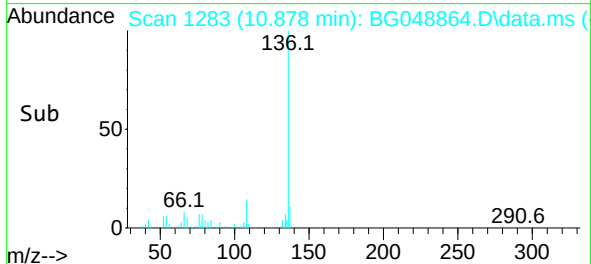
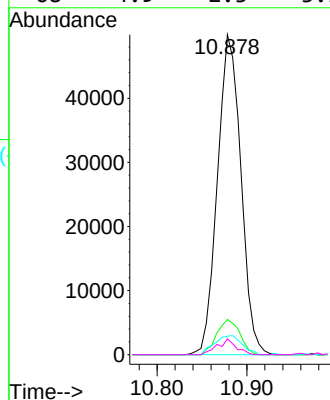
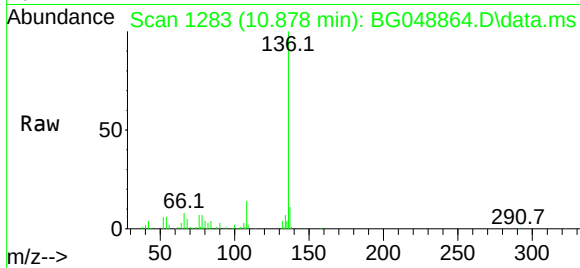




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.878 min Scan# 1283
Delta R.T. -0.015 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

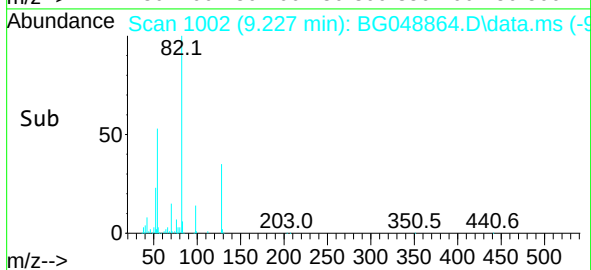
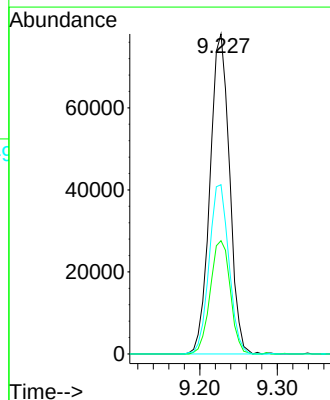
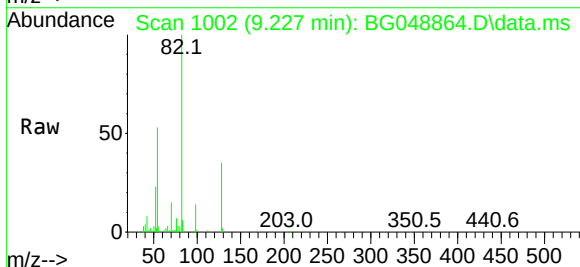
Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

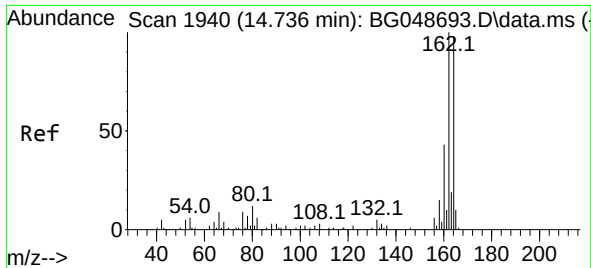
Tgt Ion:	136	Resp:	90522
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.2
54	5.8	5.5	8.3
68	4.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 67.49 ng
RT: 9.227 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

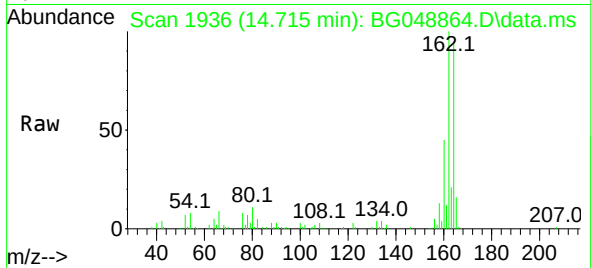
Tgt Ion:	82	Resp:	136464
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.8	44.6
54	52.9	45.8	68.8



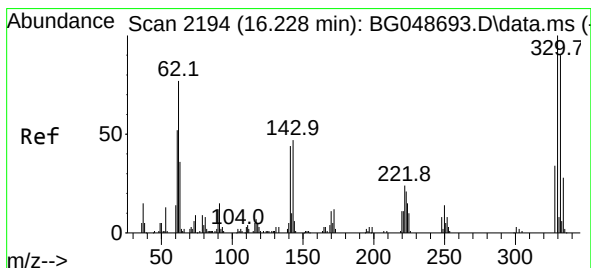
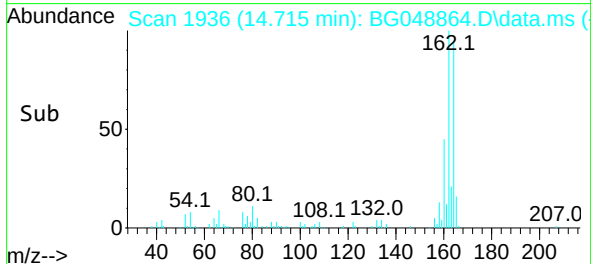
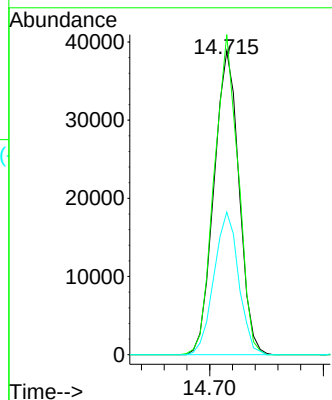


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.715 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

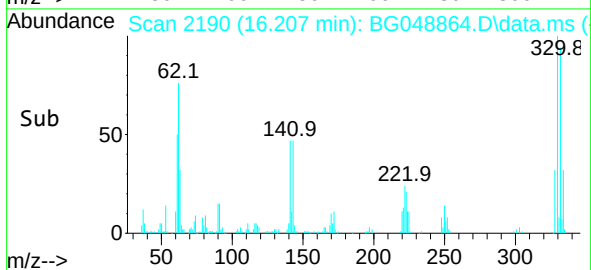
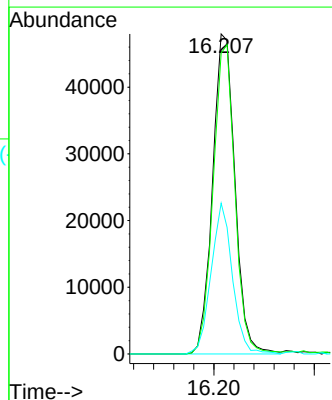
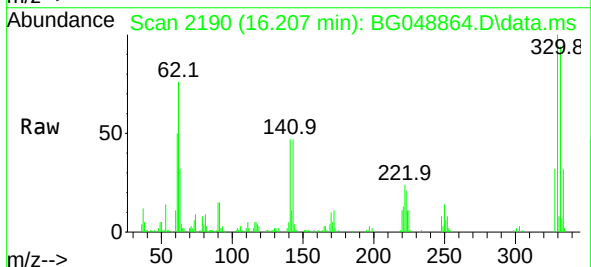


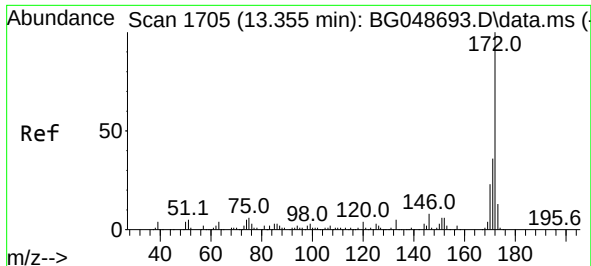
Tgt Ion:164 Resp: 59445
Ion Ratio Lower Upper
164 100
162 105.5 81.4 122.0
160 47.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 93.22 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:330 Resp: 74299
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 44.8 35.6 53.4

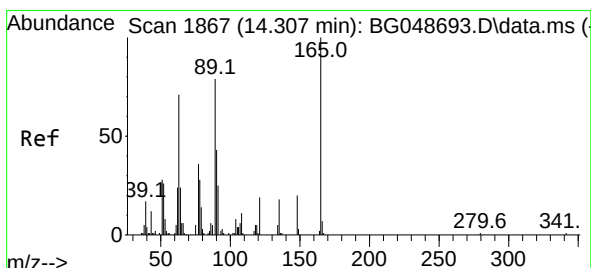
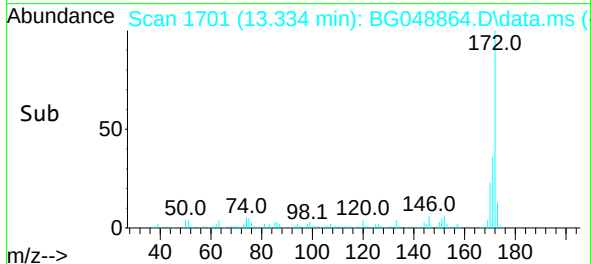
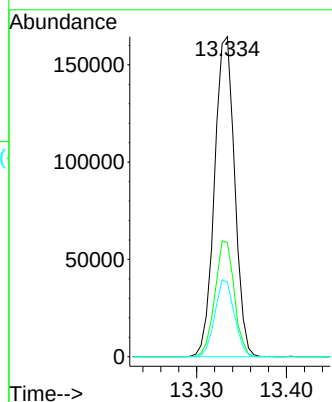
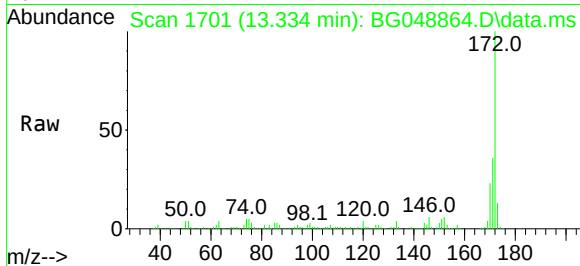




#45
2-Fluorobiphenyl
Concen: 62.18 ng
RT: 13.334 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

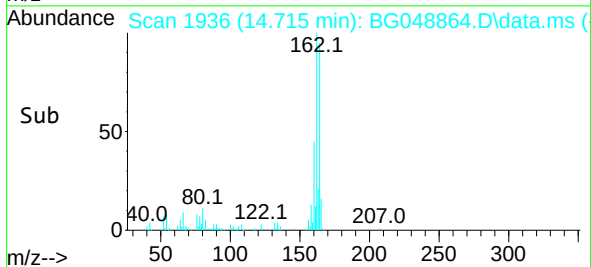
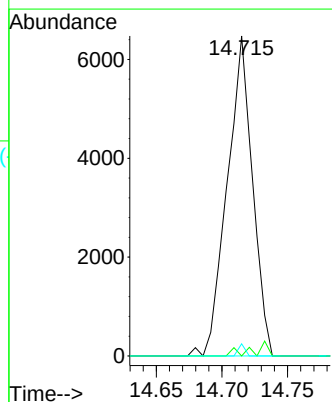
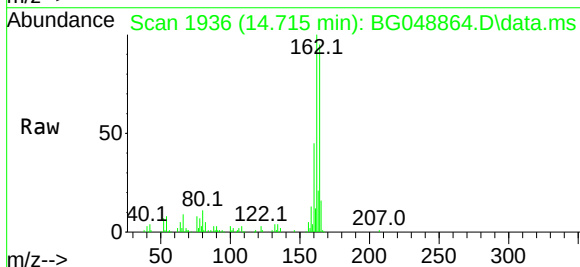
Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

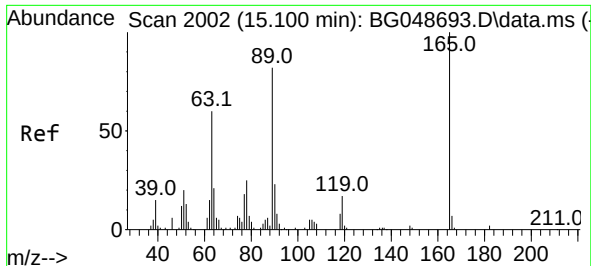
Tgt Ion:172 Resp: 255934
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.44 ng
RT: 14.715 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:165 Resp: 8686
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.8 63.4 95.0#

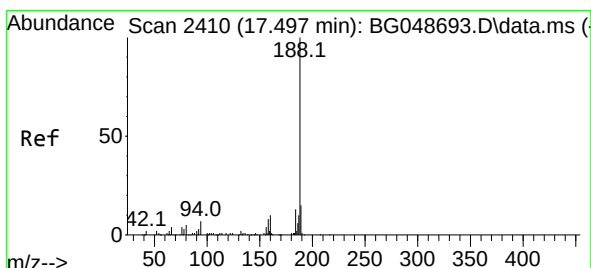
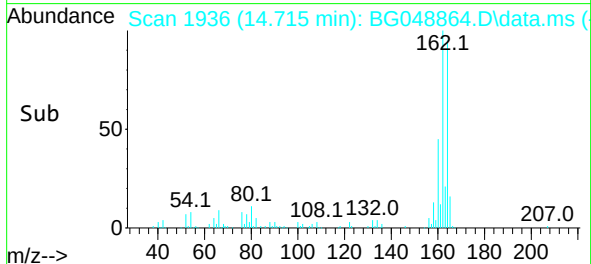
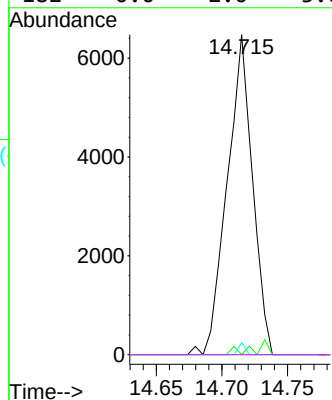
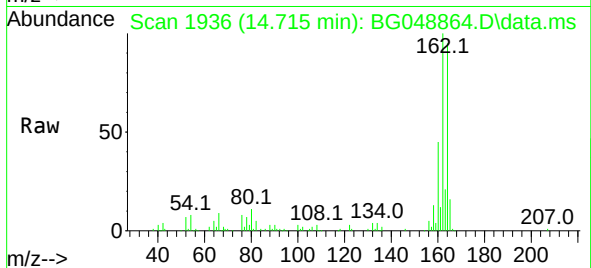




#57
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 14.715 min Scan# 1936
Delta R.T. -0.367 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

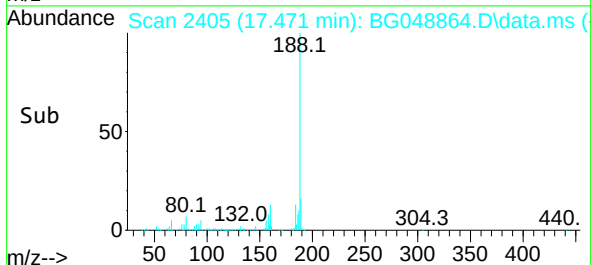
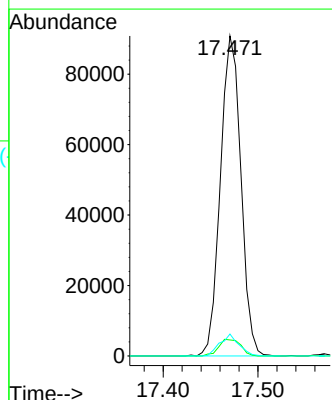
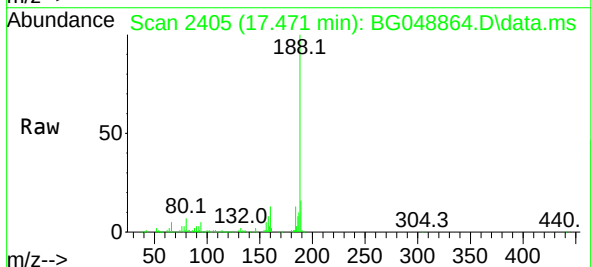
Instrument :
BNA_G
ClientSampleId :
SB-32-0-2.0

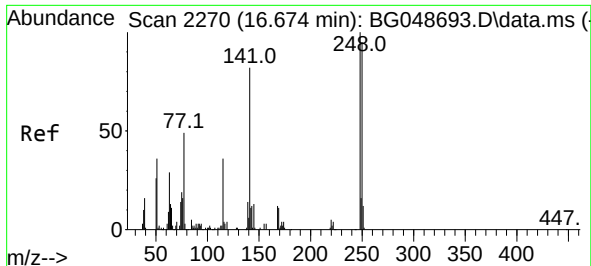
Tgt Ion:165 Resp: 8686
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.8 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:188 Resp: 136615
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.8 3.7 5.5#

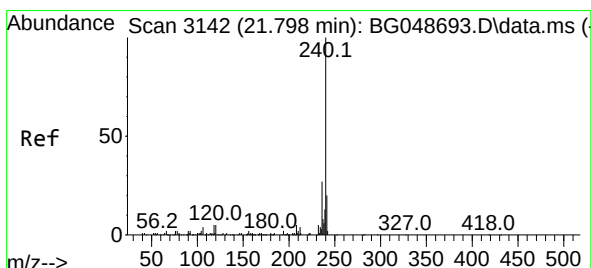
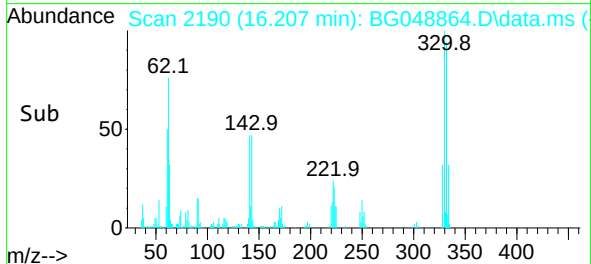
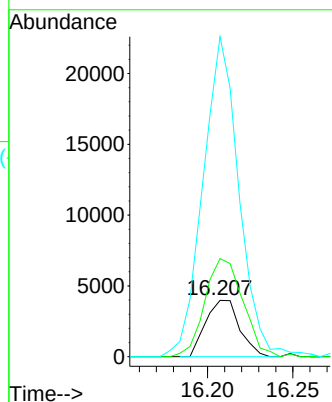
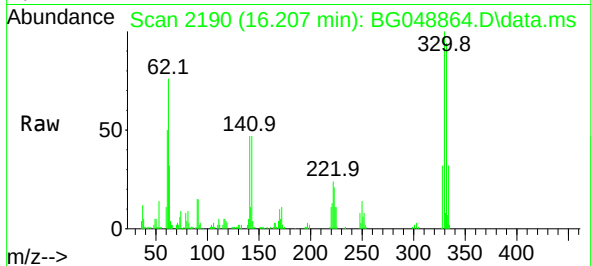




#67
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.456 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

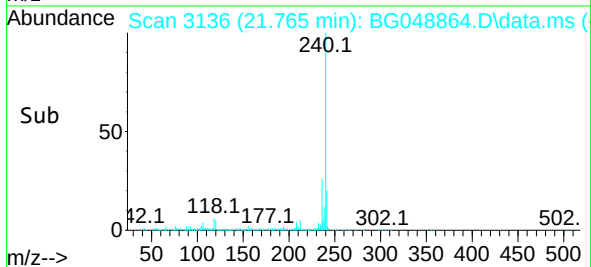
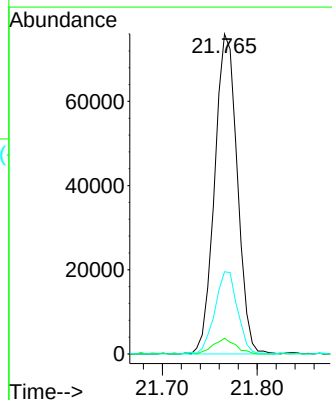
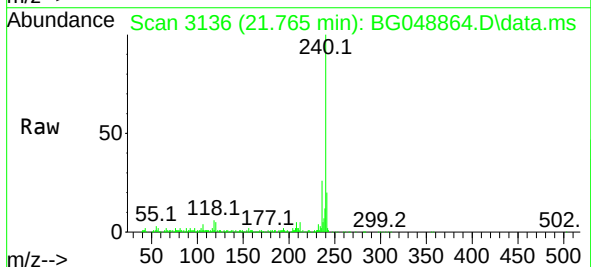
Instrument :
BNA_G
ClientSampled :
SB-32-0-2.0

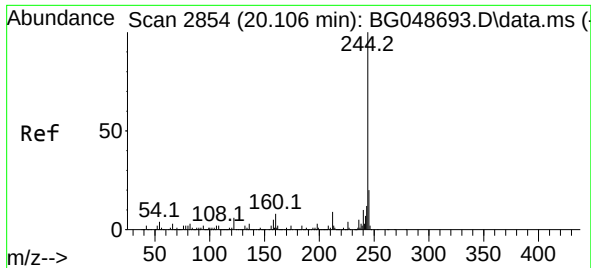
Tgt Ion:248 Resp: 5498
Ion Ratio Lower Upper
248 100
250 174.0 76.1 114.1#
141 567.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.015 min
Lab File: BG048864.D
Acq: 23 Apr 2021 15:30

Tgt Ion:240 Resp: 126169
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 25.7 21.8 32.6

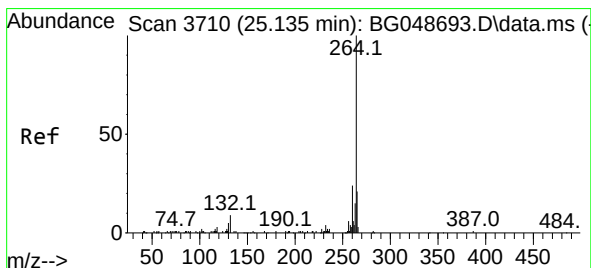
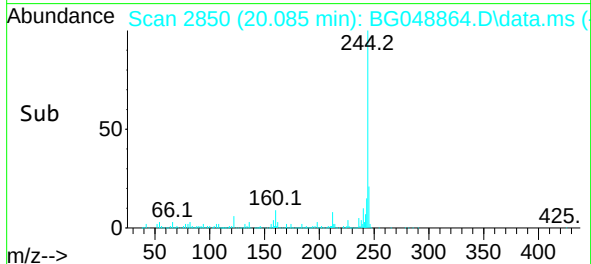
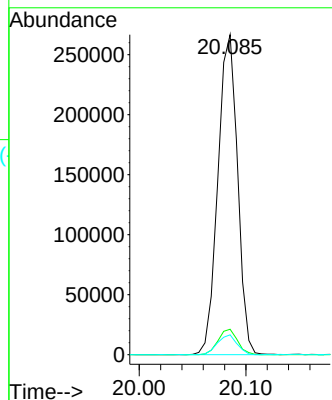
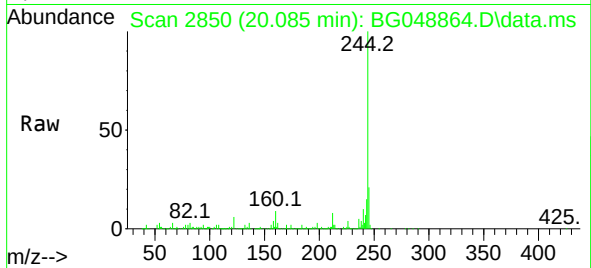




#79
 Terphenyl-d14
 Concen: 46.50 ng
 RT: 20.085 min Scan# 2850
 Delta R.T. -0.009 min
 Lab File: BG048864.D
 Acq: 23 Apr 2021 15:30

Instrument :
 BNA_G
 ClientSampleId :
 SB-32-0-2.0

Tgt Ion:244	Resp:	340897
Ion Ratio	Lower	Upper
244	100	
212	7.9	6.9 10.3
122	6.2	5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.097 min Scan# 3703
 Delta R.T. -0.015 min
 Lab File: BG048864.D
 Acq: 23 Apr 2021 15:30

Tgt Ion:264	Resp:	125840
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.4 29.2
265	21.8	16.9 25.3

