

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054167.D
 Acq On : 30 Jun 2022 13:26
 Operator : CG/JU
 Sample : PB145890BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145890BL

Quant Time: Jul 01 04:03:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	16700	20.000	ng	0.00
21) Naphthalene-d8	10.875	136	64198	20.000	ng	0.00
39) Acenaphthene-d10	14.694	164	49947	20.000	ng	0.00
64) Phenanthrene-d10	17.432	188	139669	20.000	ng	# 0.00
76) Chrysene-d12	21.709	240	188996	20.000	ng	0.00
86) Perylene-d12	24.964	264	191384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	124078	142.052	ng	0.00
7) Phenol-d6	7.226	99	162741	137.342	ng	0.00
23) Nitrobenzene-d5	9.224	82	106849	93.531	ng	0.00
42) 2,4,6-Tribromophenol	16.180	330	125306	156.147	ng	0.00
45) 2-Fluorobiphenyl	13.313	172	310785	90.480	ng	0.00
79) Terphenyl-d14	20.041	244	856902	91.318	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.224	70	14346	18.021	ng	# 88
51) 2,6-Dinitrotoluene	14.688	165	6844	8.905	ng	# 16
57) 2,4-Dinitrotoluene	14.688	165	6844	6.305	ng	# 21
67) 4-Bromophenyl-phenylether	16.175	248	7671	4.397	ng	# 1
77) Benzidine	20.041	184	11483	2.934	ng	# 94

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

BNA G

ClientSampleId :

PB145890BL

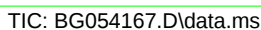
Quant Time: Jul 01 04:03:53 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

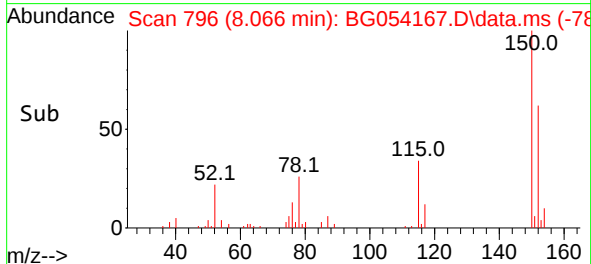
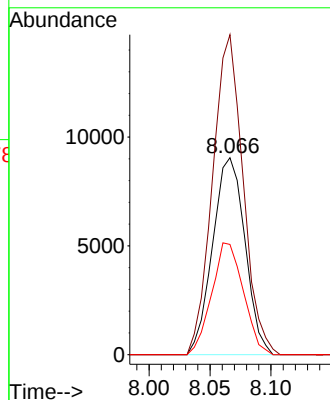
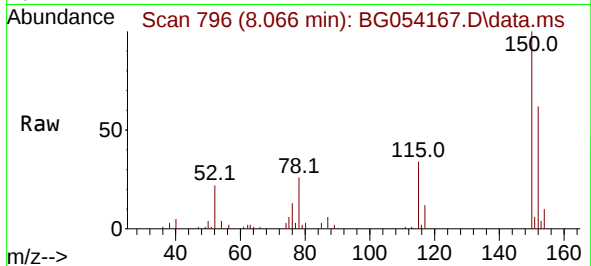




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.066 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

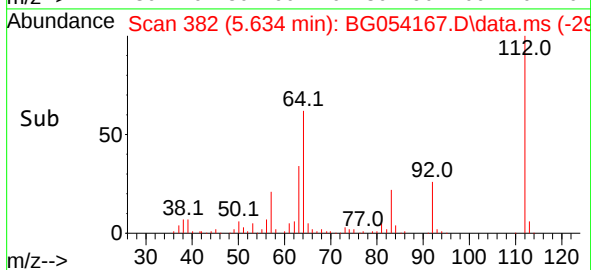
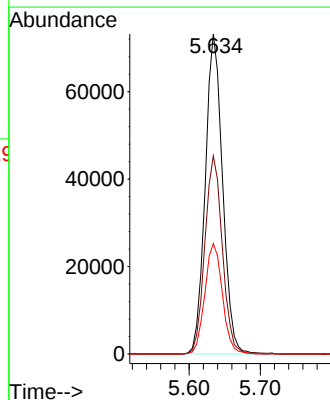
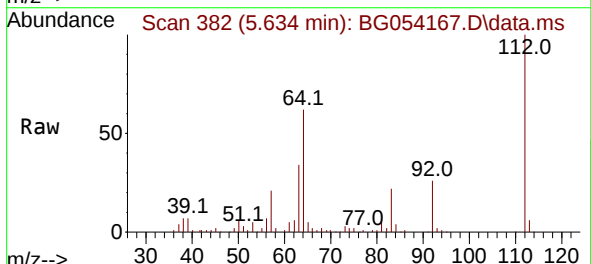
Instrument :
BNA_G
ClientSampleId :
PB145890BL

Tgt Ion:152 Resp: 16700
Ion Ratio Lower Upper
152 100
150 162.5 131.6 197.4
115 56.0 50.9 76.3



#5
2-Fluorophenol
Concen: 142.052 ng
RT: 5.634 min Scan# 382
Delta R.T. -0.004 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

Tgt Ion:112 Resp: 124078
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 34.5 30.4 45.6

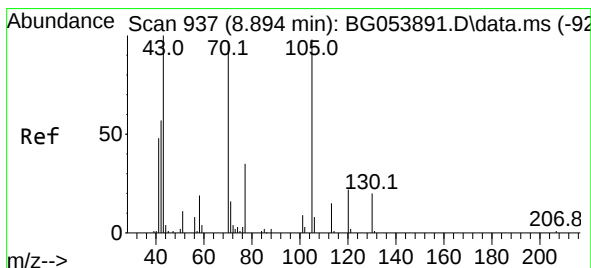
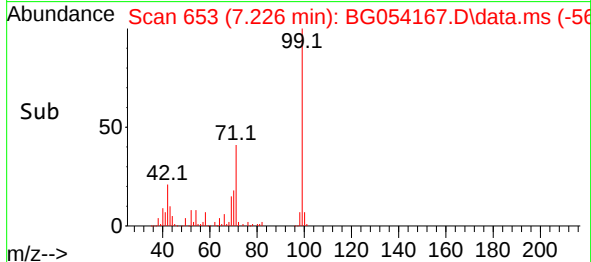
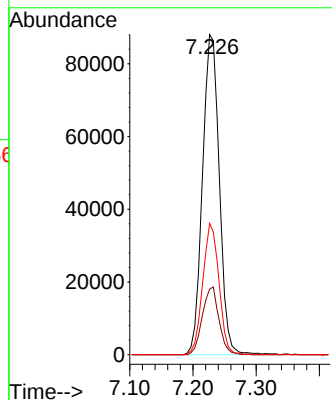
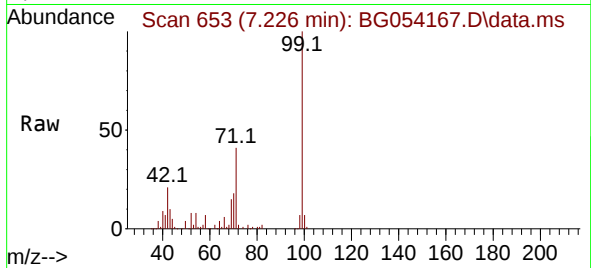




#7
Phenol-d6
Concen: 137.342 ng
RT: 7.226 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

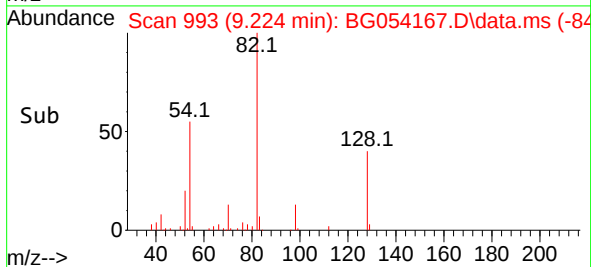
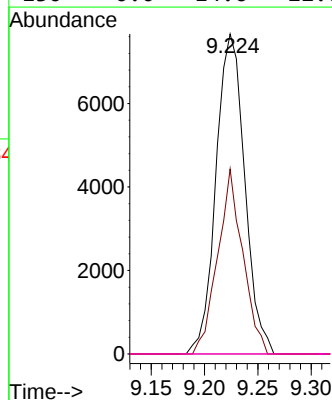
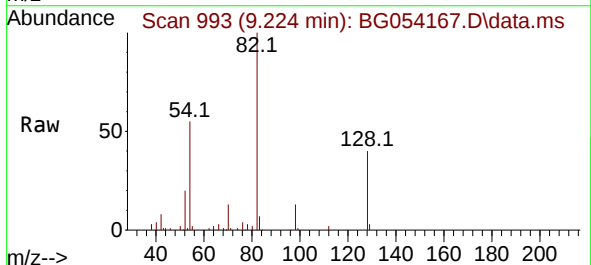
Instrument :
BNA_G
ClientSampleId :
PB145890BL

Tgt Ion: 99 Resp: 162741
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 41.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.021 ng
RT: 9.224 min Scan# 993
Delta R.T. 0.349 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

Tgt Ion: 70 Resp: 14346
Ion Ratio Lower Upper
70 100
42 57.8 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

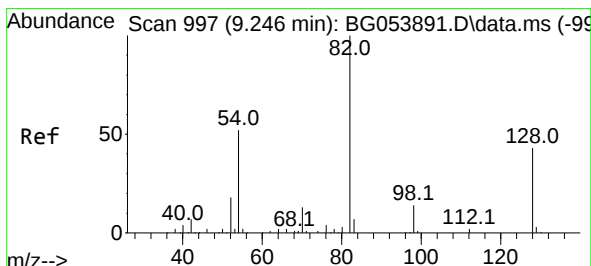
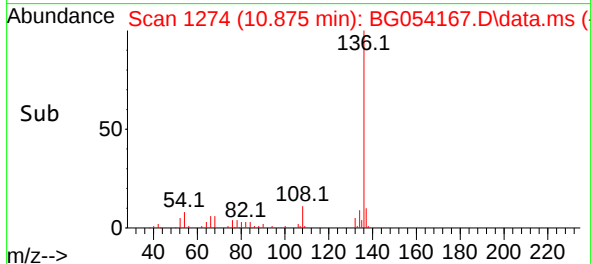
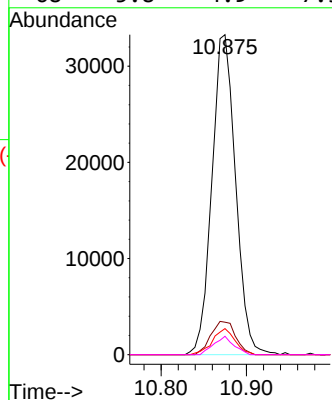
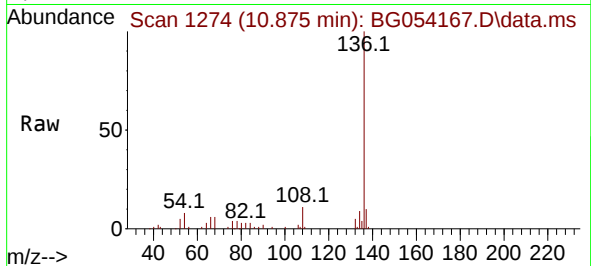




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

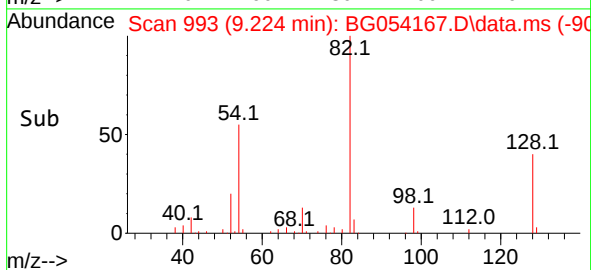
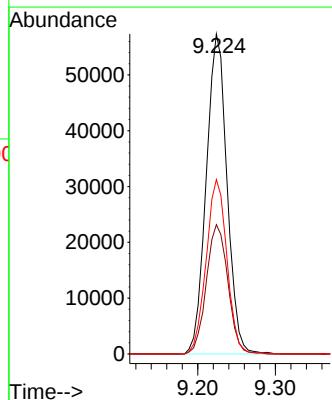
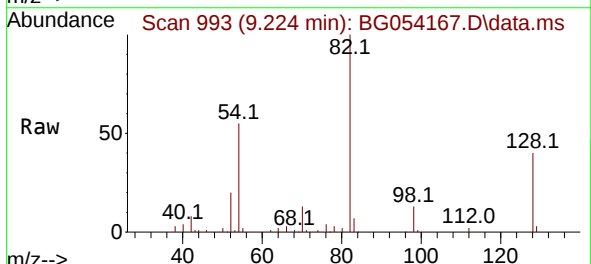
Instrument :
BNA_G
ClientSampleId :
PB145890BL

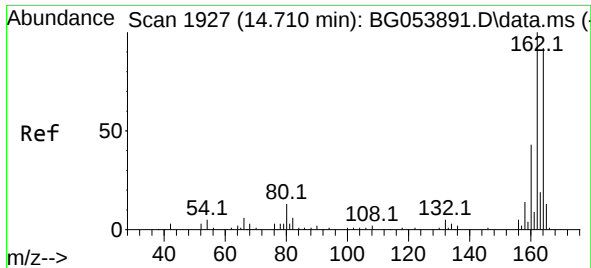
Tgt Ion:	136	Resp:	64198
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	8.1	7.4	11.2
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 93.531 ng
RT: 9.224 min Scan# 993
Delta R.T. -0.010 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

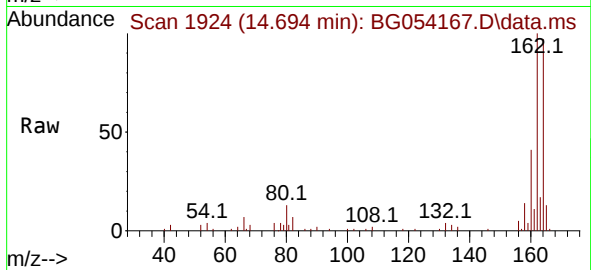
Tgt Ion:	82	Resp:	106849
Ion Ratio	Lower	Upper	
82	100		
128	40.4	27.9	41.9
54	54.5	41.2	61.8



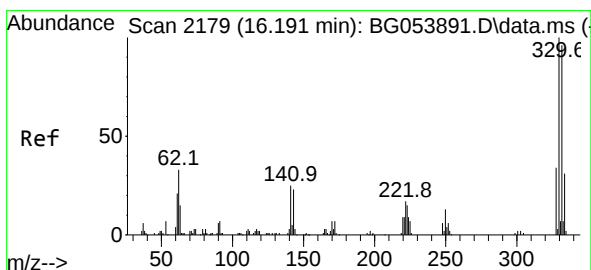
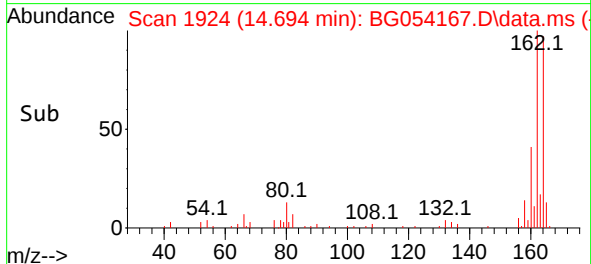
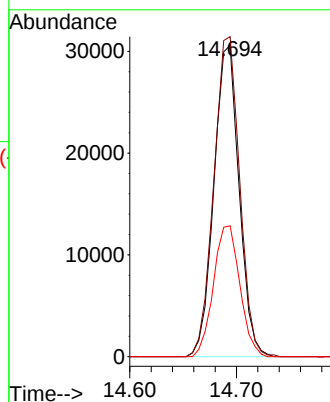


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.694 min Scan# 1924
 Delta R.T. -0.004 min
 Lab File: BG054167.D
 Acq: 30 Jun 2022 13:26

Instrument :
 BNA_G
 ClientSampleId :
 PB145890BL

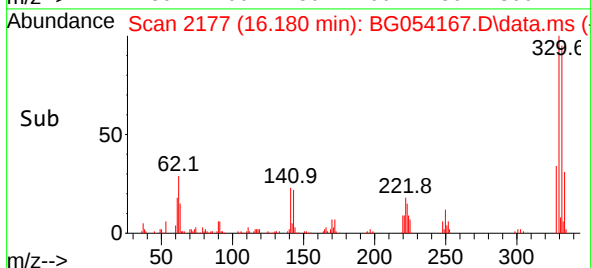
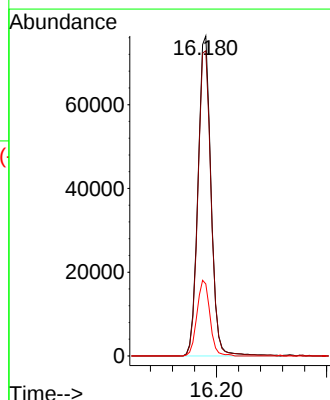
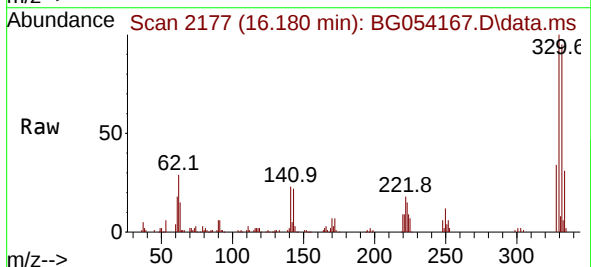


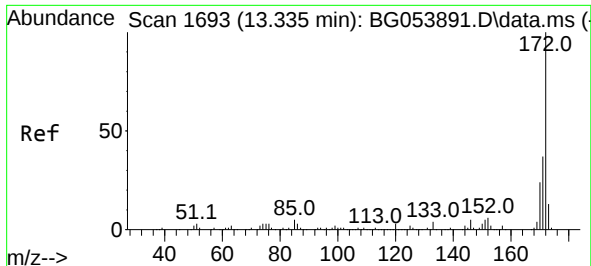
Tgt Ion:164 Resp: 49947
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.3 123.5
 160 42.1 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 156.147 ng
 RT: 16.180 min Scan# 2177
 Delta R.T. -0.004 min
 Lab File: BG054167.D
 Acq: 30 Jun 2022 13:26

Tgt Ion:330 Resp: 125306
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.0 114.0
 141 23.5 27.1 40.7#

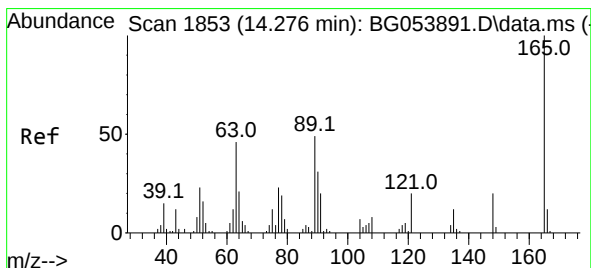
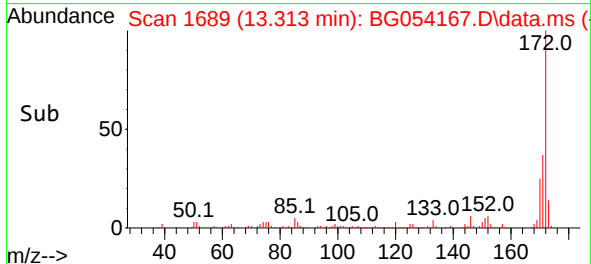
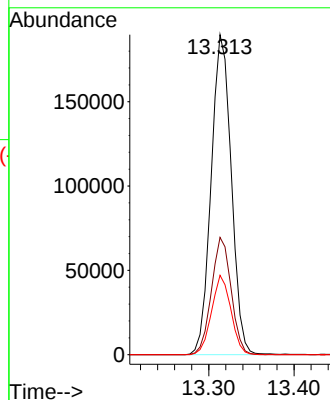
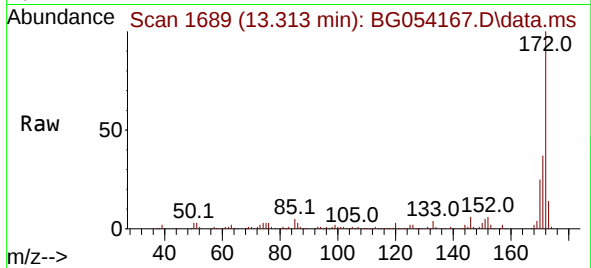




#45
2-Fluorobiphenyl
Concen: 90.480 ng
RT: 13.313 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

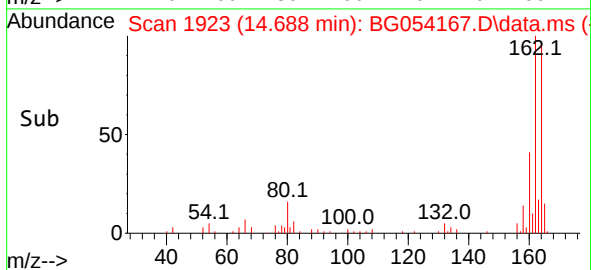
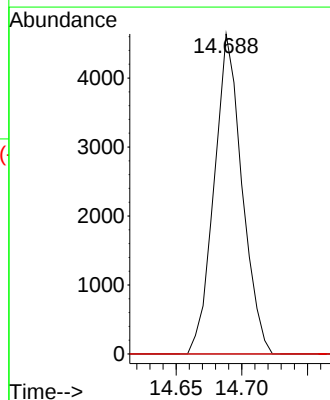
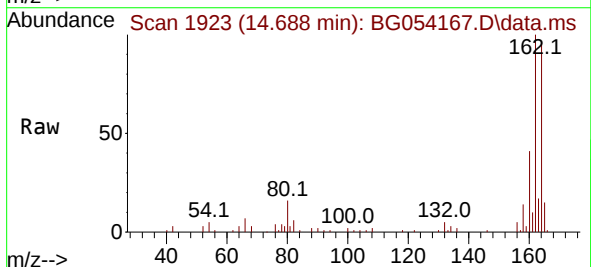
Instrument :
BNA_G
ClientSampleId :
PB145890BL

Tgt Ion:172 Resp: 310785
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.905 ng
RT: 14.688 min Scan# 1923
Delta R.T. 0.425 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

Tgt Ion:165 Resp: 6844
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

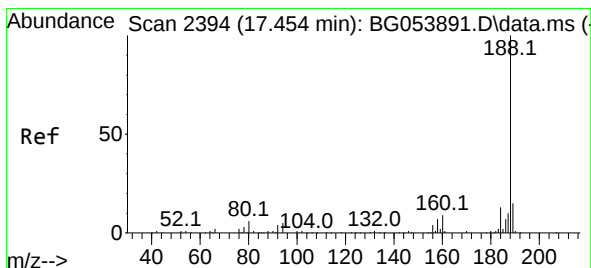
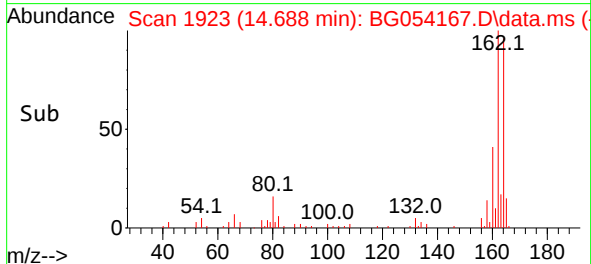
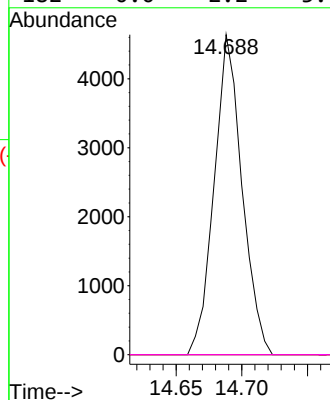
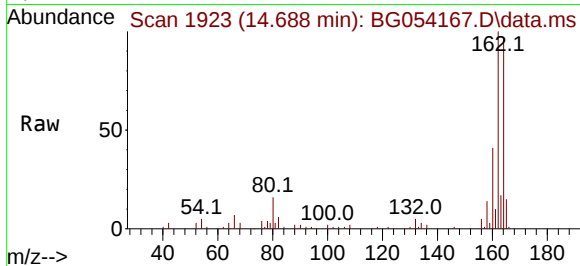




#57
2,4-Dinitrotoluene
Concen: 6.305 ng
RT: 14.688 min Scan# 1987
Delta R.T. -0.362 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

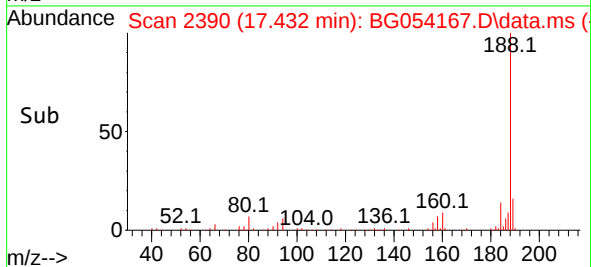
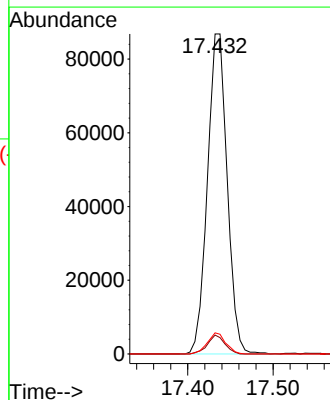
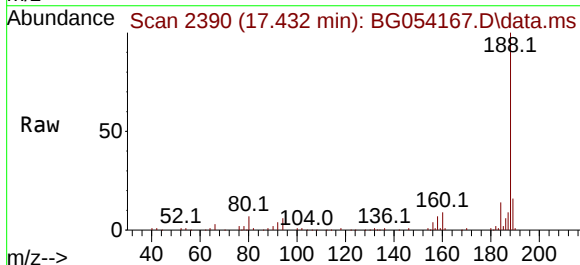
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ClientSampleId :
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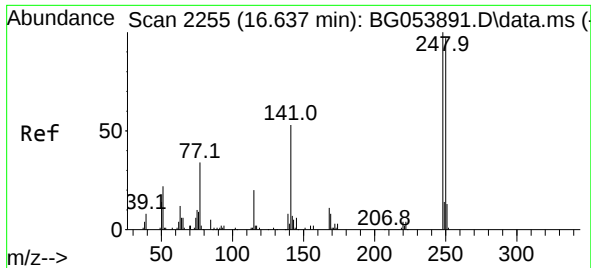
Tgt Ion:165 Resp: 6844
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.432 min Scan# 2390
Delta R.T. -0.010 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

Tgt Ion:188 Resp: 139669
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 6.6 6.8 10.2#

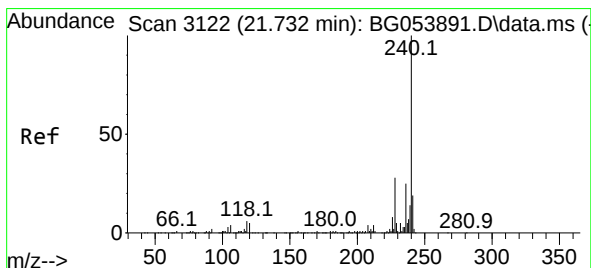
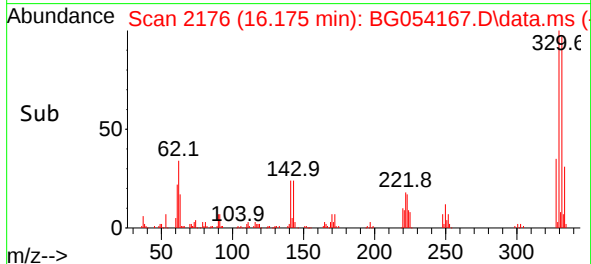
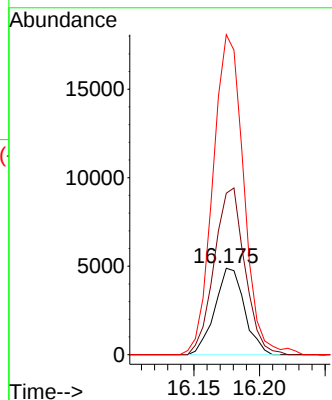
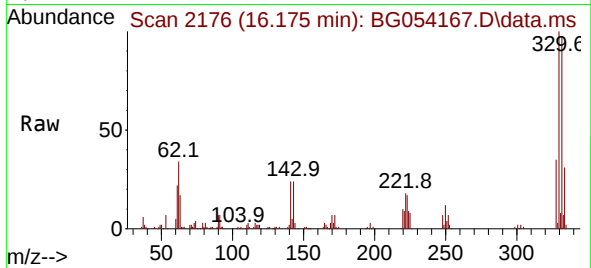




#67
4-Bromophenyl-phenylether
Concen: 4.397 ng
RT: 16.175 min Scan# 2118
Delta R.T. -0.450 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

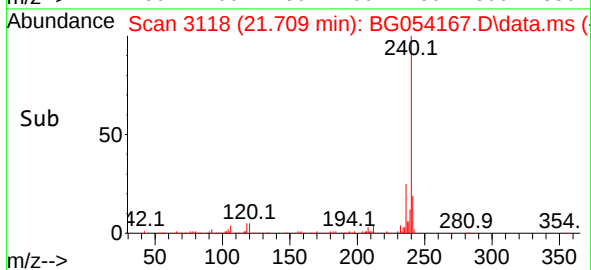
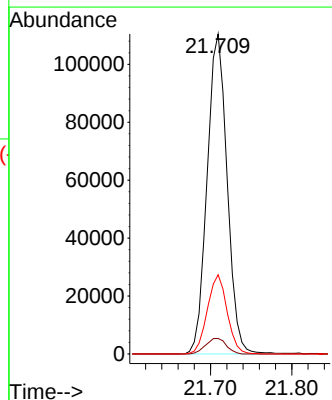
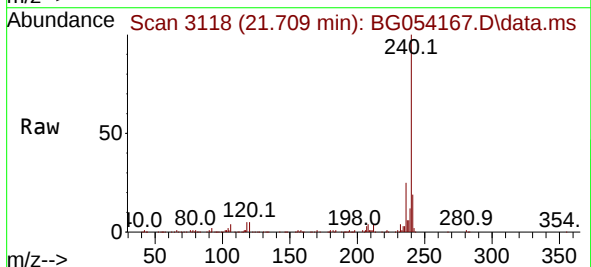
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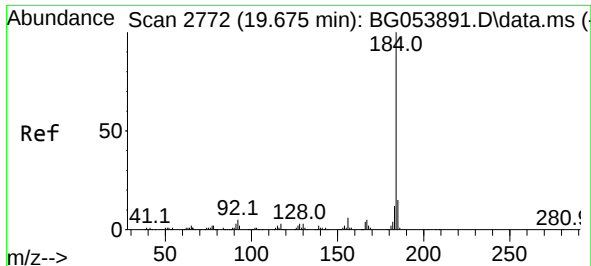
Tgt Ion:248 Resp: 7671
Ion Ratio Lower Upper
248 100
250 191.6 75.2 112.8#
141 284.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.709 min Scan# 3118
Delta R.T. -0.010 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

Tgt Ion:240 Resp: 188996
Ion Ratio Lower Upper
240 100
120 4.8 4.6 7.0
236 24.8 20.2 30.4

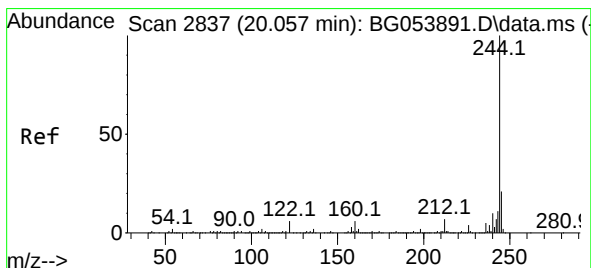
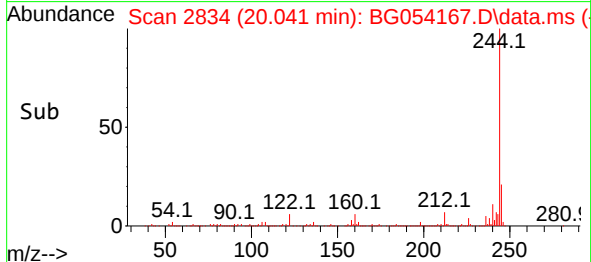
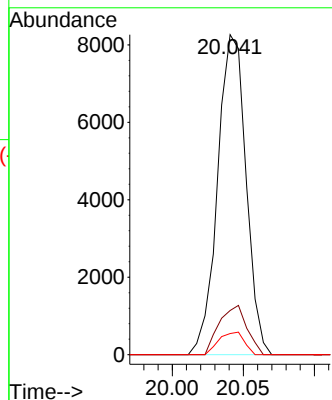
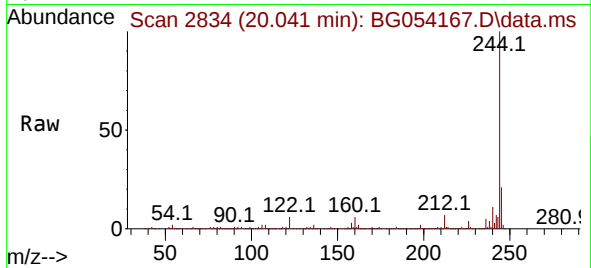




#77
Benzidine
Concen: 2.934 ng
RT: 20.041 min Scan# 2834
Delta R.T. 0.378 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

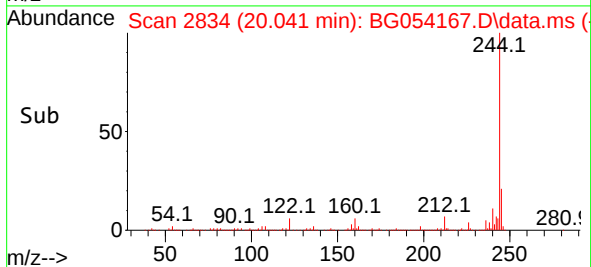
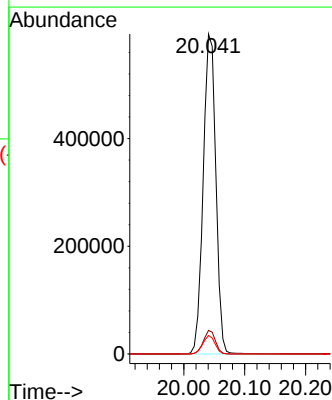
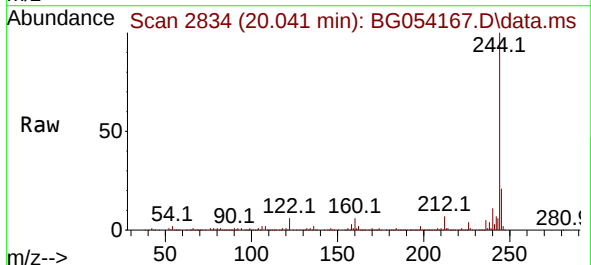
Instrument :
BNA_G
ClientSampleId :
PB145890BL

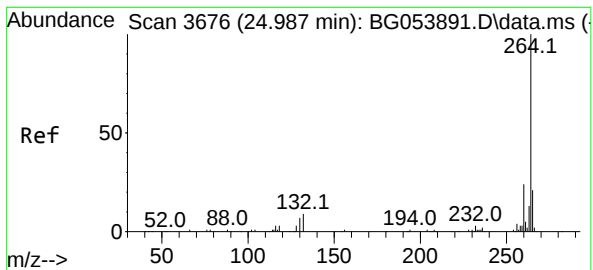
Tgt Ion:184 Resp: 11483
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.6
183 6.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 91.318 ng
RT: 20.041 min Scan# 2834
Delta R.T. -0.004 min
Lab File: BG054167.D
Acq: 30 Jun 2022 13:26

Tgt Ion:244 Resp: 856902
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 5.7 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.964 min Scan# 30
 Delta R.T. 0.002 min
 Lab File: BG054167.D
 Acq: 30 Jun 2022 13:26

Instrument :
 BNA_G
 ClientSampleId :
 PB145890BL

Tgt Ion:264 Resp: 191384

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.1	17.4	26.2

