

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110522\
 Data File : BG055468.D
 Acq On : 5 Nov 2022 13:11
 Operator : CG/JU
 Sample : PB148777BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148777BL

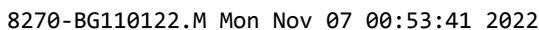
Quant Time: Nov 07 00:53:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:51:08 2022
 Response via : Initial Calibration

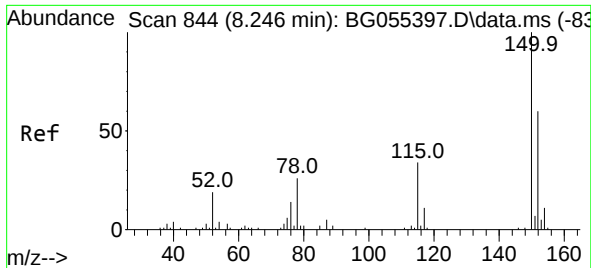
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	23594	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	100004	20.000	ng	# 0.00
39) Acenaphthene-d10	14.850	164	73449	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	187062	20.000	ng	0.00
76) Chrysene-d12	21.848	240	207773	20.000	ng	0.00
86) Perylene-d12	25.220	264	224728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	184021	140.067	ng	0.00
7) Phenol-d6	7.382	99	240047	131.755	ng	0.00
23) Nitrobenzene-d5	9.403	82	138567	73.846	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	129647	129.406	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	381303	76.971	ng	0.00
79) Terphenyl-d14	20.156	244	836461	78.284	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.403	70	18038	12.670	ng	# 81
51) 2,6-Dinitrotoluene	14.850	165	9549	7.440	ng	# 27
57) 2,4-Dinitrotoluene	14.850	165	9549	5.203	ng	# 25
67) 4-Bromophenyl-phenylether	16.325	248	7996	3.616	ng	# 1
77) Benzidine	20.156	184	11679	2.700	ng	# 89

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

Quant Time: Nov 07 00:53:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
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QLast Update : Mon Nov 07 00:51:08 2022
Response via : Initial Calibration

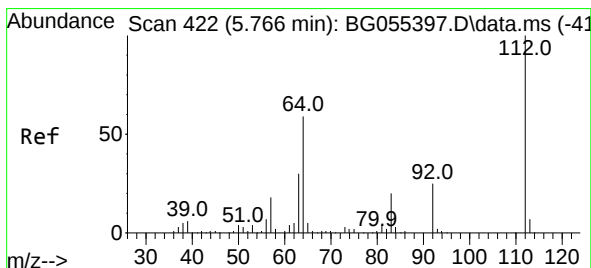
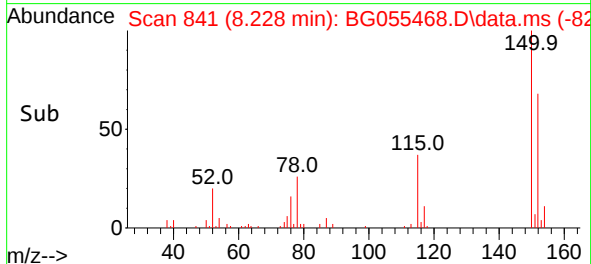
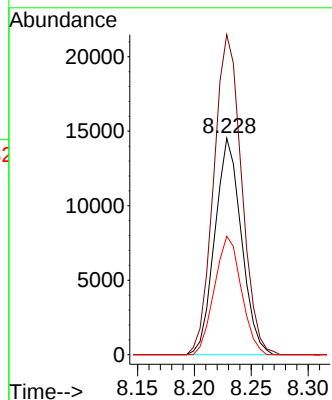
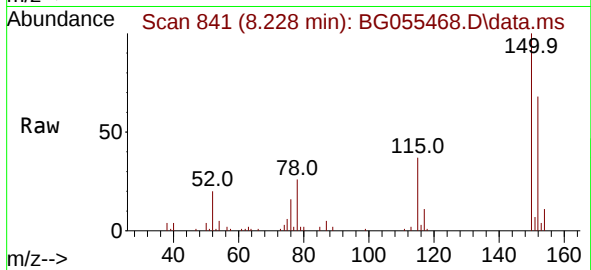




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 844
Delta R.T. -0.002 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

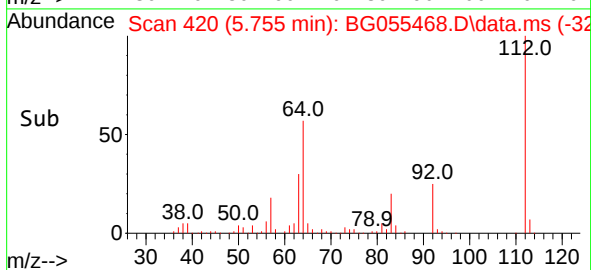
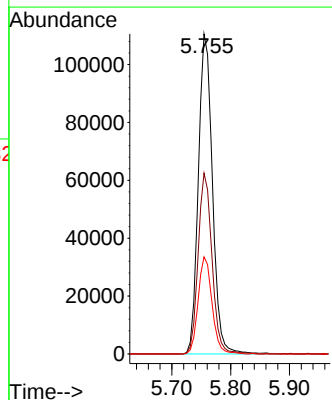
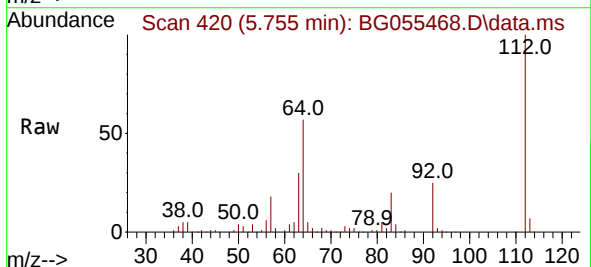
Instrument :
BNA_G
ClientSampleId :
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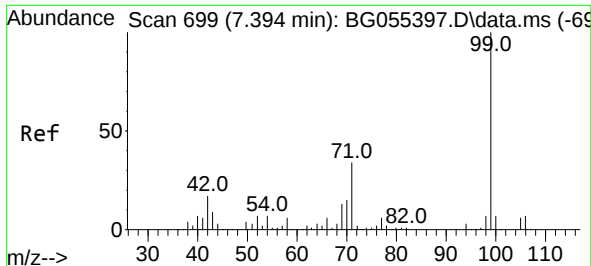
Tgt Ion:152 Resp: 23594
Ion Ratio Lower Upper
152 100
150 147.8 132.8 199.2
115 54.7 45.1 67.7



#5
2-Fluorophenol
Concen: 140.067 ng
RT: 5.755 min Scan# 420
Delta R.T. 0.004 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

Tgt Ion:112 Resp: 184021
Ion Ratio Lower Upper
112 100
64 56.5 47.2 70.8
63 30.4 24.3 36.5

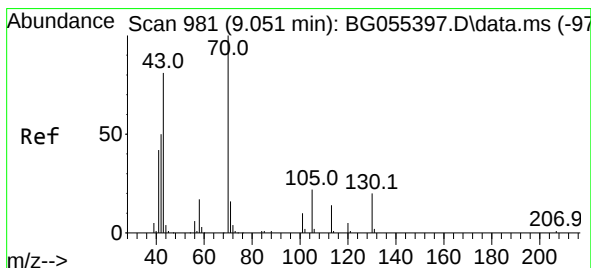
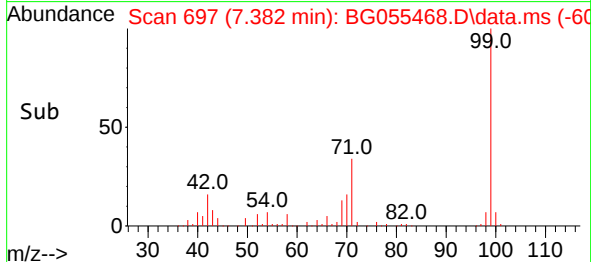
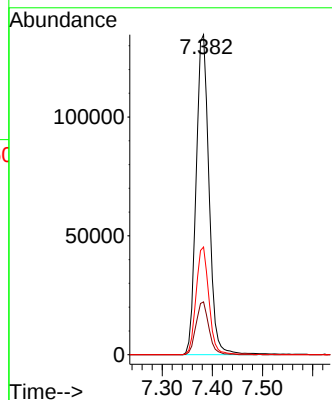
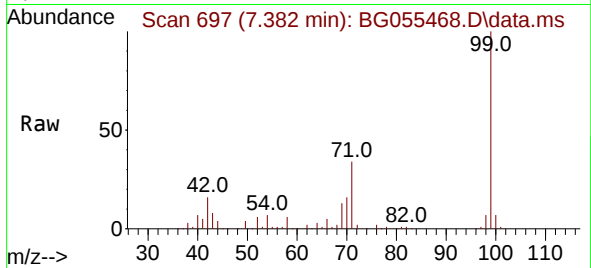




#7
Phenol-d6
Concen: 131.755 ng
RT: 7.382 min Scan# 697
Delta R.T. 0.004 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

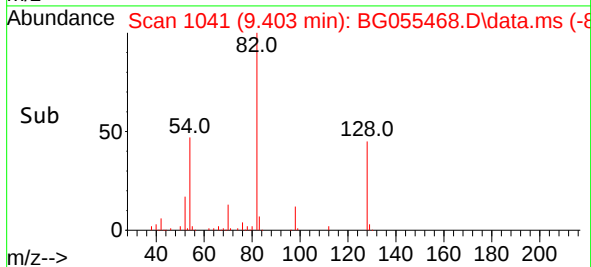
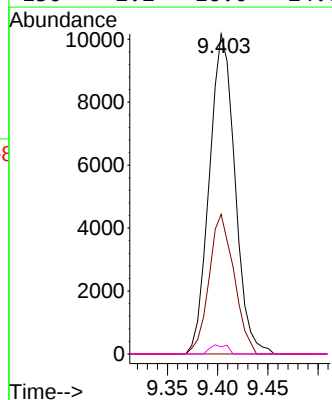
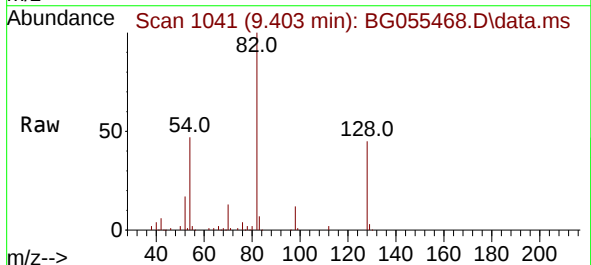
Instrument :
BNA_G
ClientSampleId :
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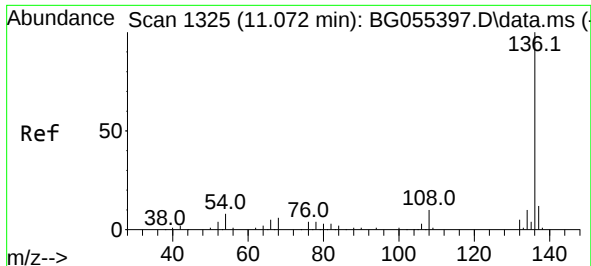
Tgt Ion: 99 Resp: 240047
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 33.6 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.670 ng
RT: 9.403 min Scan# 1041
Delta R.T. 0.369 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

Tgt Ion: 70 Resp: 18038
Ion Ratio Lower Upper
70 100
42 43.6 40.6 61.0
101 0.0 7.8 11.6#
130 2.2 16.0 24.0#

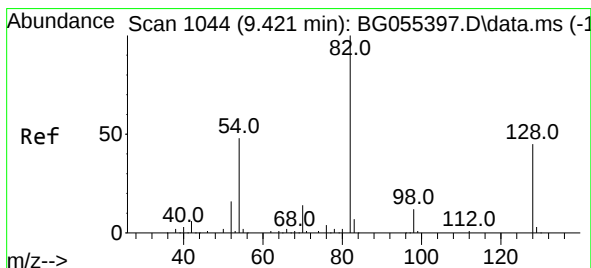
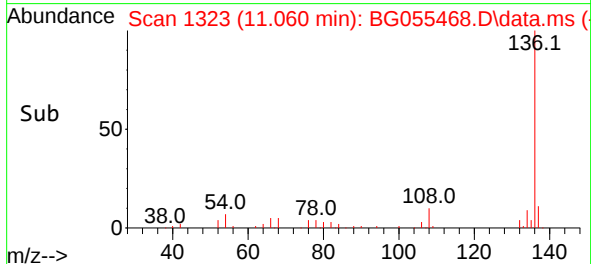
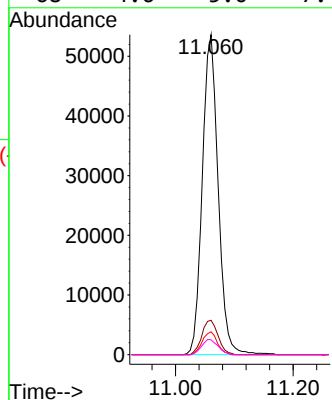
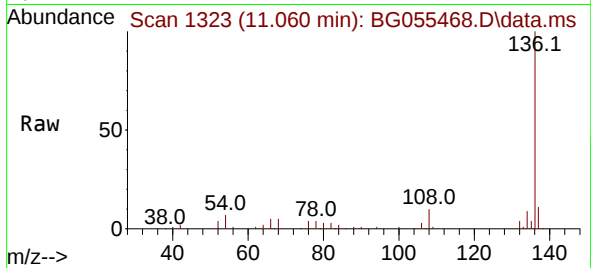




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

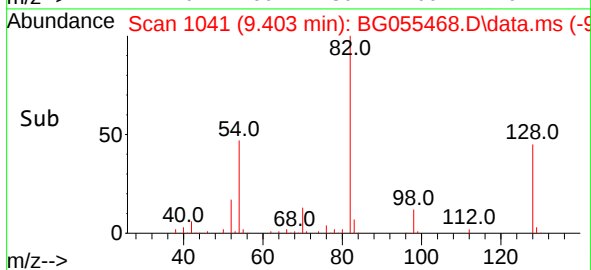
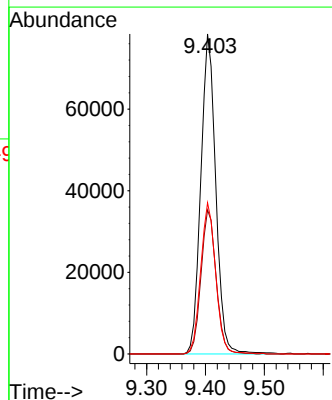
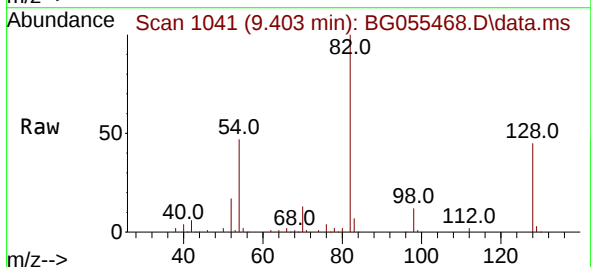
Instrument :
BNA_G
ClientSampleId :
PB148777BL

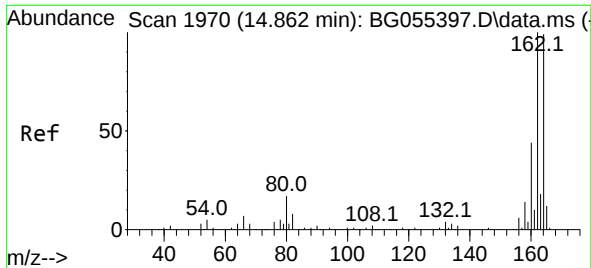
Tgt Ion:136 Resp: 100004
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 7.1 6.1 9.1
68 4.6 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 73.846 ng
RT: 9.403 min Scan# 1041
Delta R.T. -0.001 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

Tgt Ion: 82 Resp: 138567
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.8
54 47.3 38.1 57.1

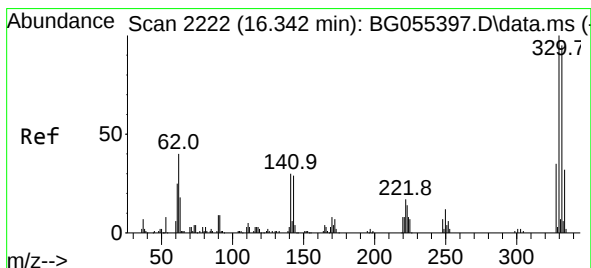
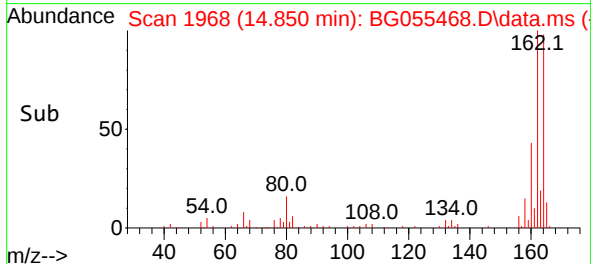
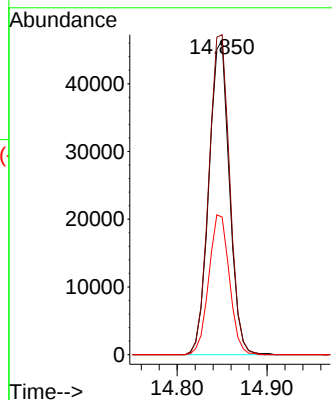
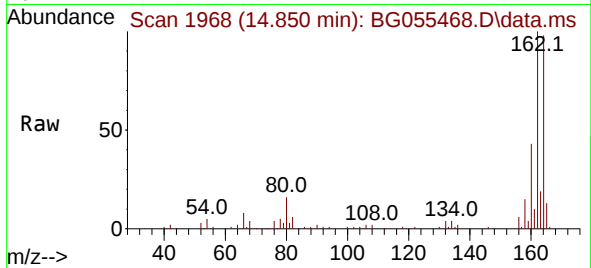




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.850 min Scan# 1970
Delta R.T. 0.004 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

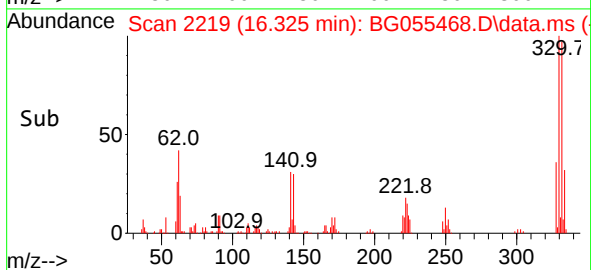
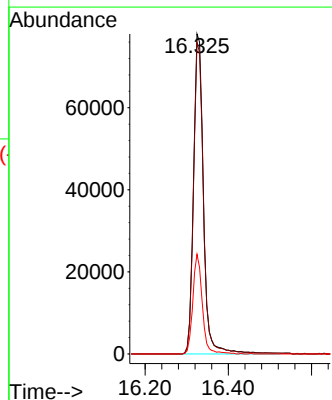
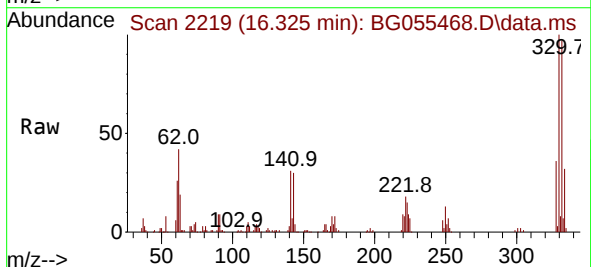
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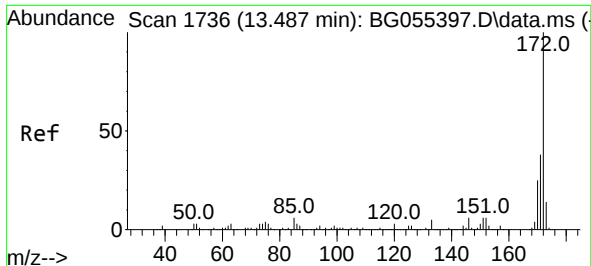
Tgt Ion:164 Resp: 73449
Ion Ratio Lower Upper
164 100
162 101.8 81.1 121.7
160 43.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 129.406 ng
RT: 16.325 min Scan# 2219
Delta R.T. -0.007 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

Tgt Ion:330 Resp: 129647
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 29.5 24.2 36.2

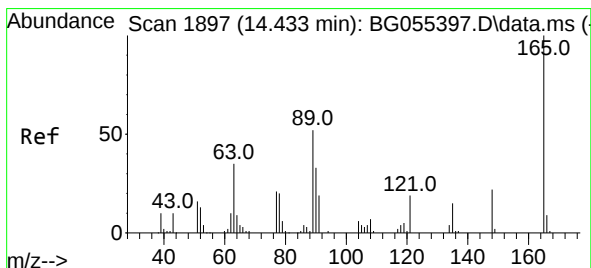
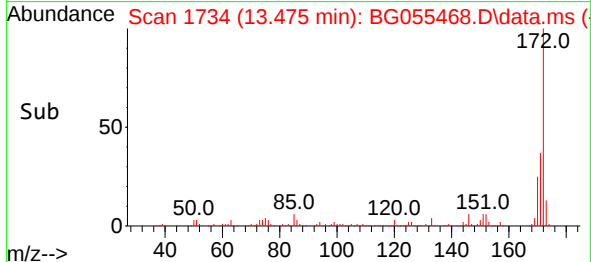
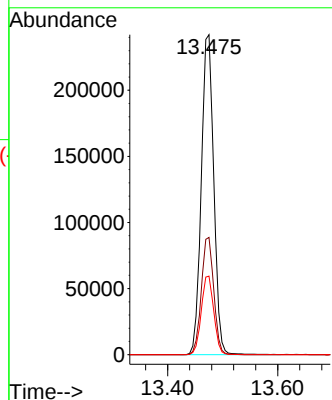
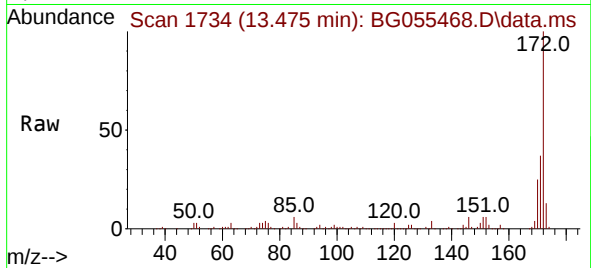




#45
2-Fluorobiphenyl
Concen: 76.971 ng
RT: 13.475 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

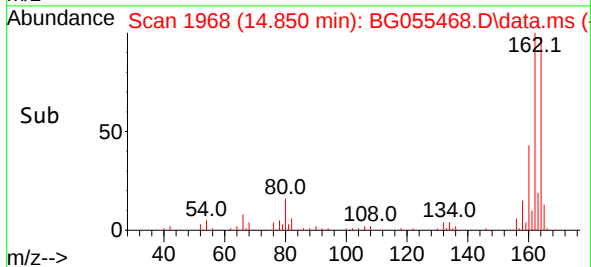
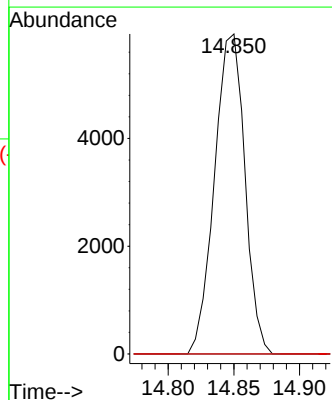
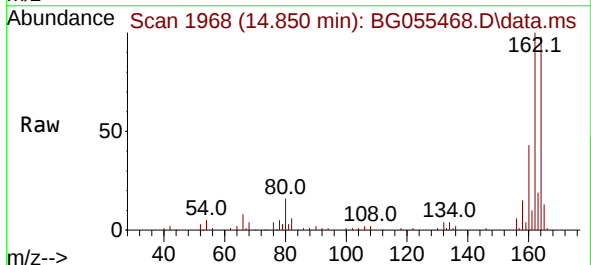
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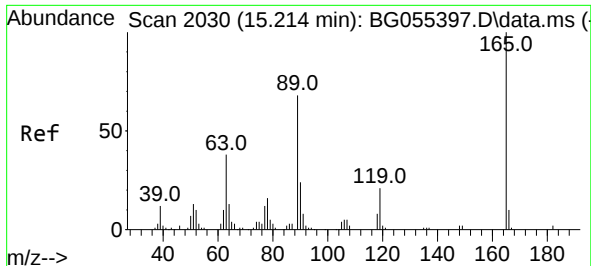
Tgt Ion:172 Resp: 381303
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.2
170 24.5 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.440 ng
RT: 14.850 min Scan# 1968
Delta R.T. 0.427 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

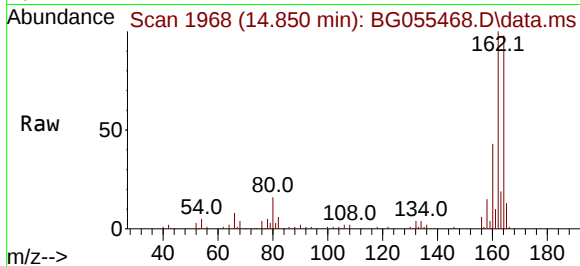
Tgt Ion:165 Resp: 9549
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#



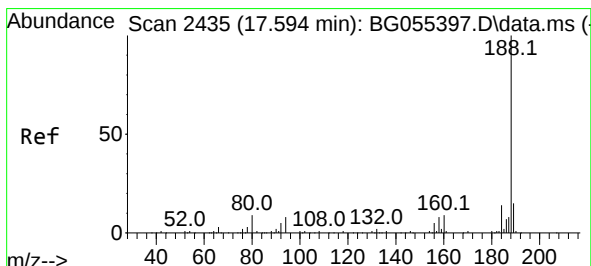
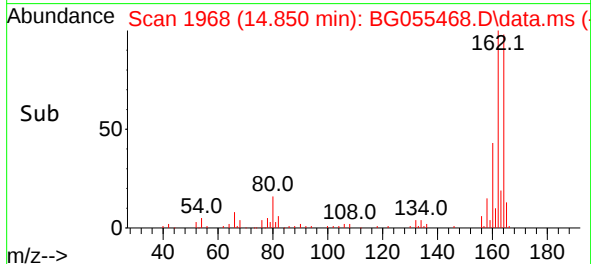
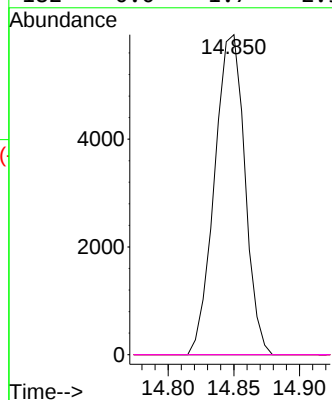


#57
2,4-Dinitrotoluene
Concen: 5.203 ng
RT: 14.850 min Scan# 1968
Delta R.T. -0.354 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

Instrument :
BNA_G
ClientSampleId :
PB148777BL

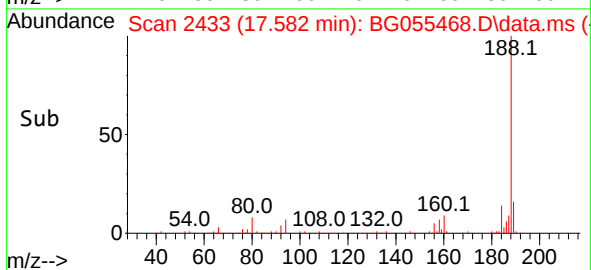
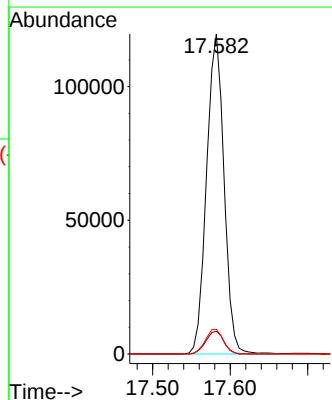
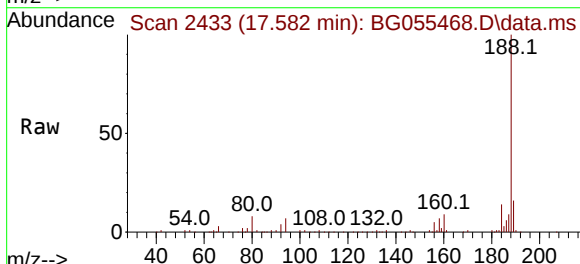


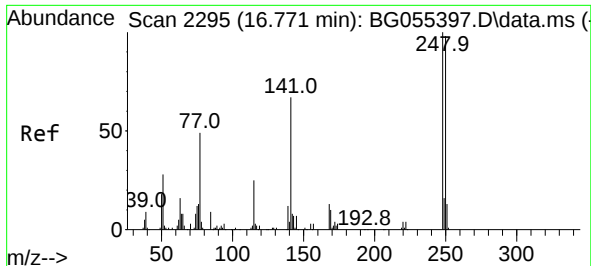
Tgt Ion:165 Resp: 9549
Ion Ratio Lower Upper
165 100
63 0.0 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2433
Delta R.T. -0.001 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

Tgt Ion:188 Resp: 187062
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 7.7 7.4 11.0

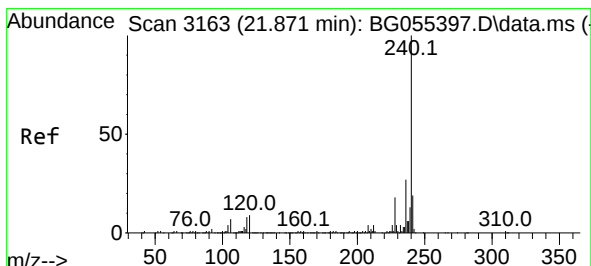
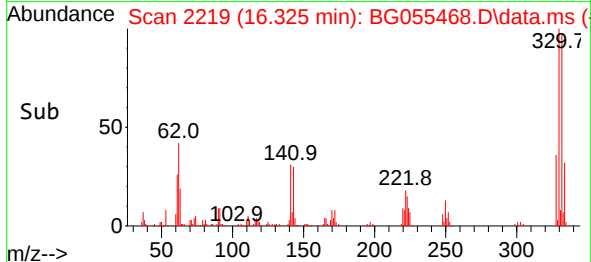
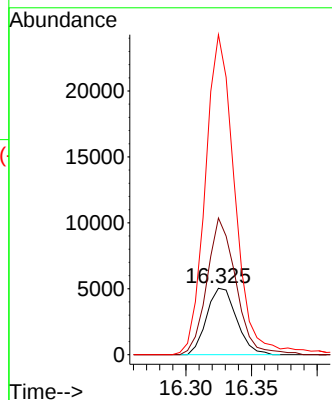
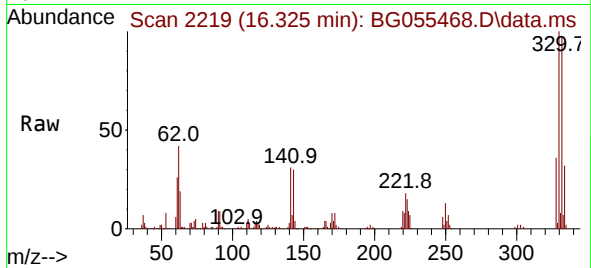




#67
4-Bromophenyl-phenylether
Concen: 3.616 ng
RT: 16.325 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

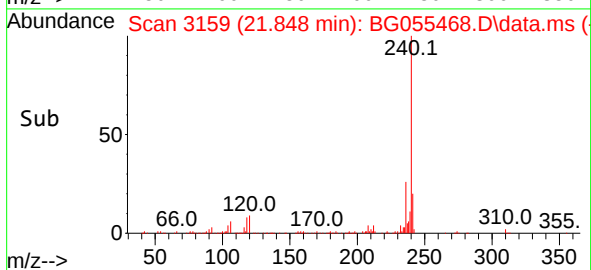
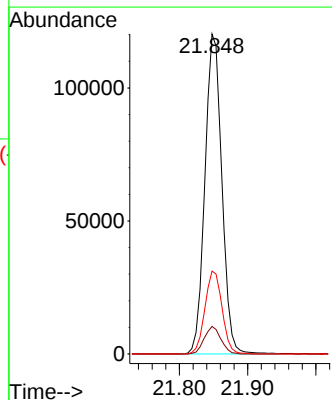
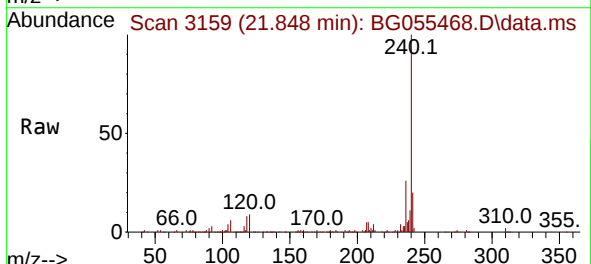
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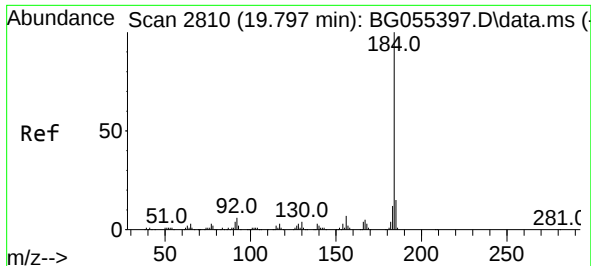
Tgt Ion:248 Resp: 7996
Ion Ratio Lower Upper
248 100
250 205.6 78.3 117.5#
141 481.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3159
Delta R.T. -0.007 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

Tgt Ion:240 Resp: 207773
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 25.9 21.5 32.3

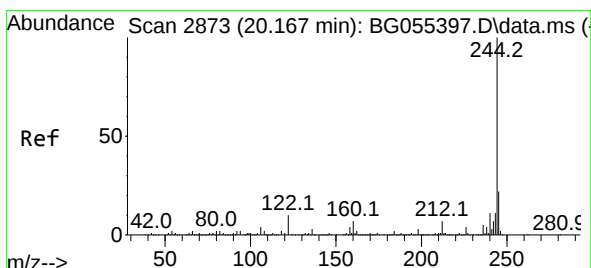
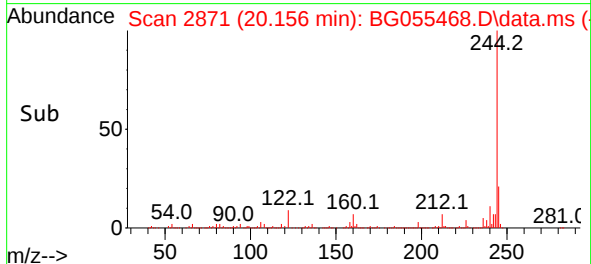
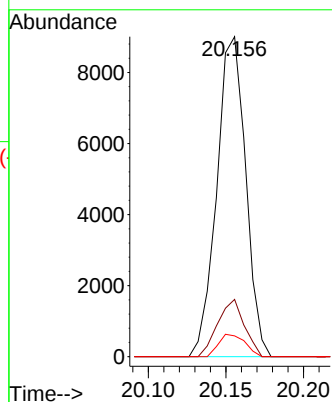
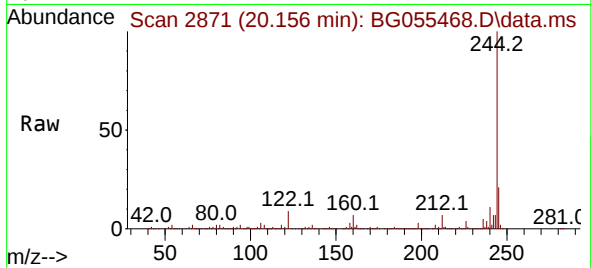




#77
Benzidine
Concen: 2.700 ng
RT: 20.156 min Scan# 2871
Delta R.T. 0.369 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

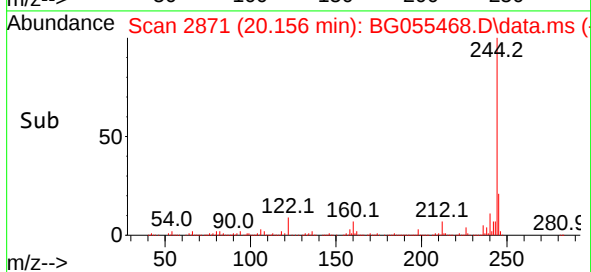
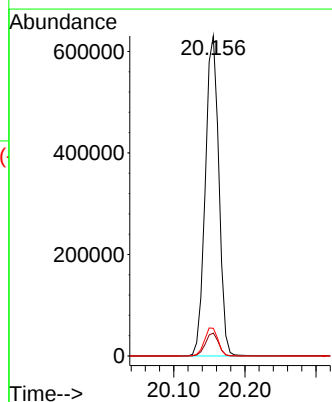
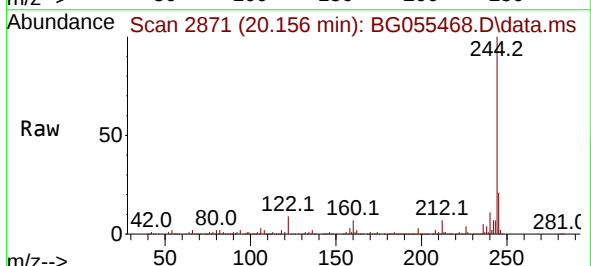
Instrument :
BNA_G
ClientSampleId :
PB148777BL

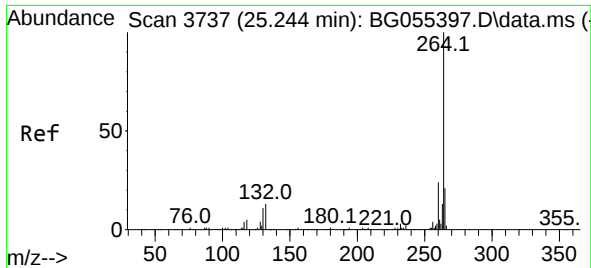
Tgt Ion:184 Resp: 11679
Ion Ratio Lower Upper
184 100
185 17.9 11.7 17.5#
183 6.5 9.8 14.8#



#79
Terphenyl-d14
Concen: 78.284 ng
RT: 20.156 min Scan# 2871
Delta R.T. -0.001 min
Lab File: BG055468.D
Acq: 5 Nov 2022 13:11

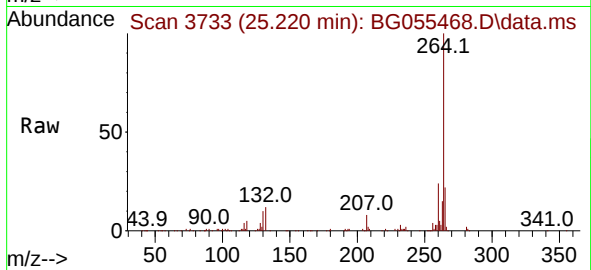
Tgt Ion:244 Resp: 836461
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 8.6 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.220 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG055468.D
 Acq: 5 Nov 2022 13:11

Instrument :
 BNA_G
 ClientSampleId :
 PB148777BL



Tgt Ion:264 Resp: 224728
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 21.9 17.1 25.7

