

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
 Data File : BG051104.D
 Acq On : 18 Nov 2021 13:51
 Operator : CG/JU
 Sample : PB140834BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140834BL

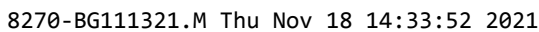
Quant Time: Nov 18 14:33:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

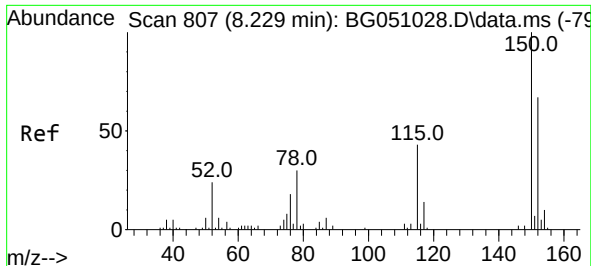
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	27860	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	120374	20.000	ng	# 0.00
39) Acenaphthene-d10	14.853	164	85075	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	209562	20.000	ng	# 0.00
76) Chrysene-d12	21.898	240	178736	20.000	ng	# 0.00
86) Perylene-d12	25.306	264	176239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	239087	128.374	ng	0.00
7) Phenol-d6	7.374	99	314334	119.577	ng	0.00
23) Nitrobenzene-d5	9.401	82	214465	78.868	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	120620	141.678	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	449762	83.531	ng	0.00
79) Terphenyl-d14	20.188	244	807227	82.639	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.401	70	29481	15.176	ng	# 65
51) 2,6-Dinitrotoluene	14.853	165	10736	7.793	ng	# 10
57) 2,4-Dinitrotoluene	14.853	165	10736	5.492	ng	# 15
67) 4-Bromophenyl-phenylether	16.340	248	9166	4.176	ng	# 1
77) Benzidine	20.188	184	14225	4.210	ng	96

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

Quant Time: Nov 18 14:33:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

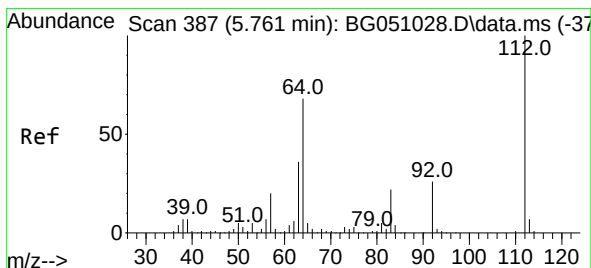
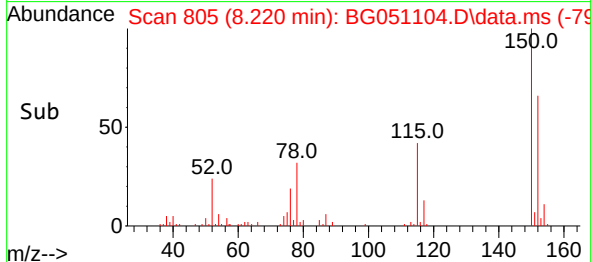
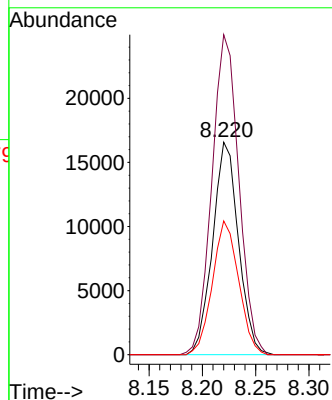
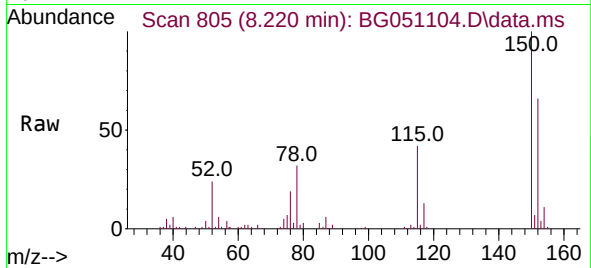




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 807
Delta R.T. -0.009 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

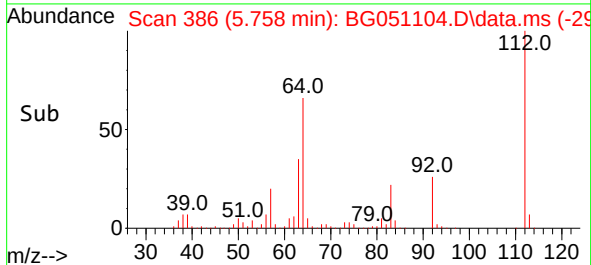
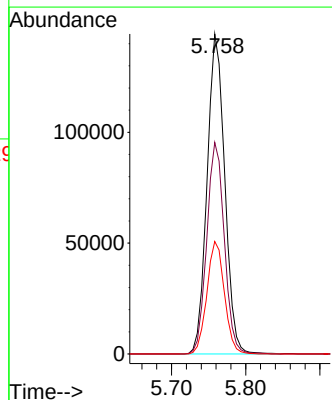
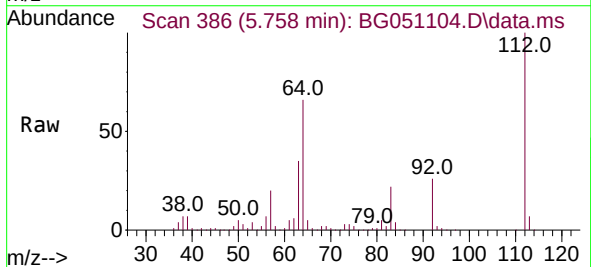
Instrument :
BNA_G
ClientSampleId :
PB140834BL

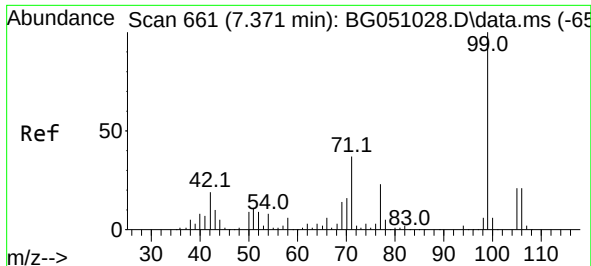
Tgt Ion:152 Resp: 27860
Ion Ratio Lower Upper
152 100
150 150.6 119.4 179.0
115 63.0 60.2 90.4



#5
2-Fluorophenol
Concen: 128.374 ng
RT: 5.758 min Scan# 386
Delta R.T. -0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

Tgt Ion:112 Resp: 239087
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 35.2 35.3 52.9#

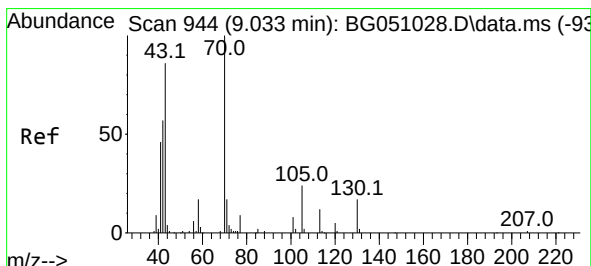
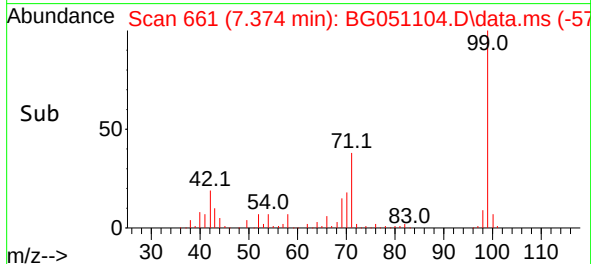
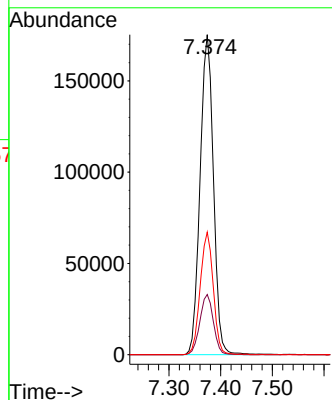
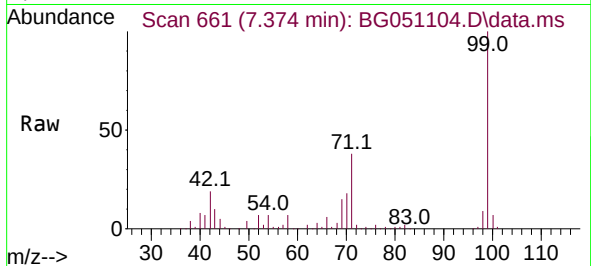




#7
Phenol-d6
Concen: 119.577 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

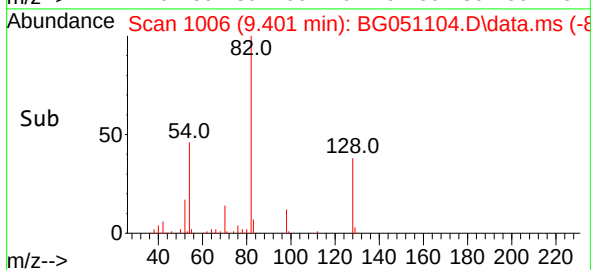
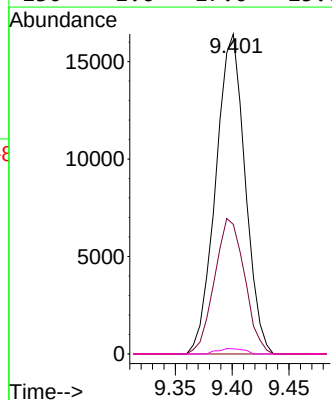
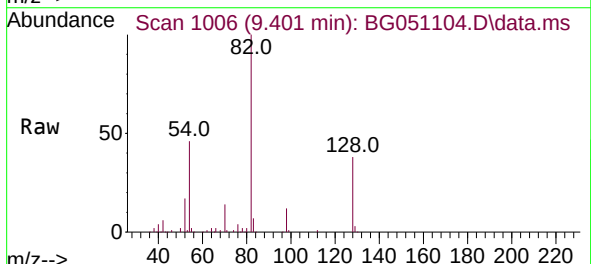
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ClientSampleId :
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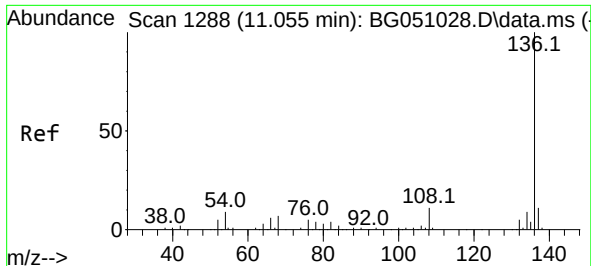
Tgt Ion: 99 Resp: 314334
Ion Ratio Lower Upper
99 100
42 18.8 20.5 30.7#
71 38.3 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.176 ng
RT: 9.401 min Scan# 1006
Delta R.T. 0.368 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

Tgt Ion: 70 Resp: 29481
Ion Ratio Lower Upper
70 100
42 40.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1106
Delta R.T. -0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

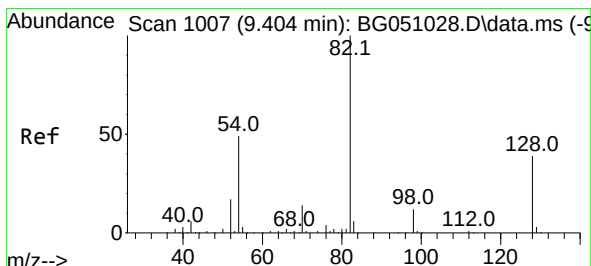
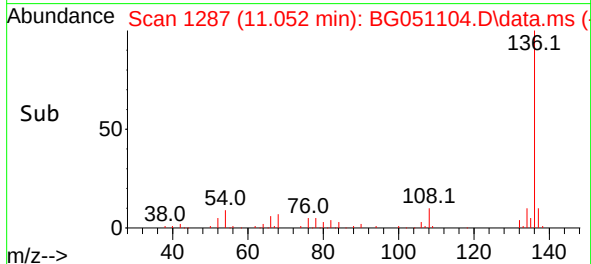
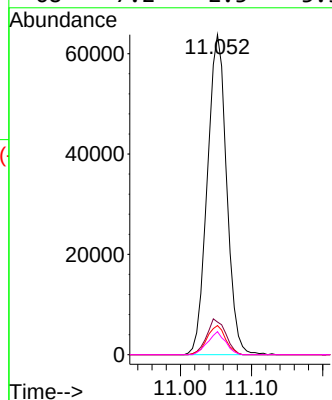
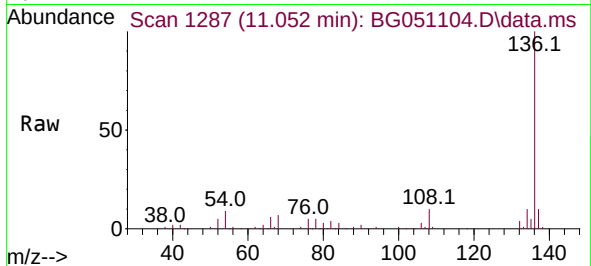
Instrument :

BNA_G

ClientSampleId :

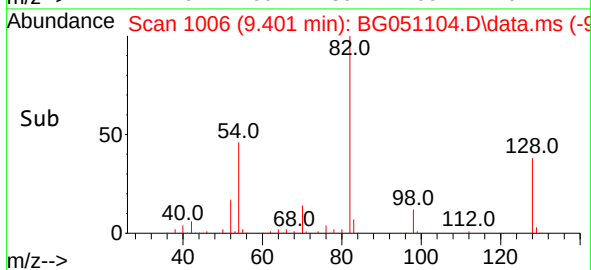
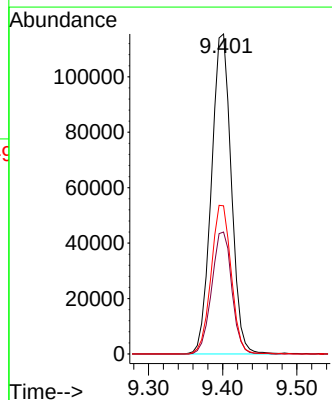
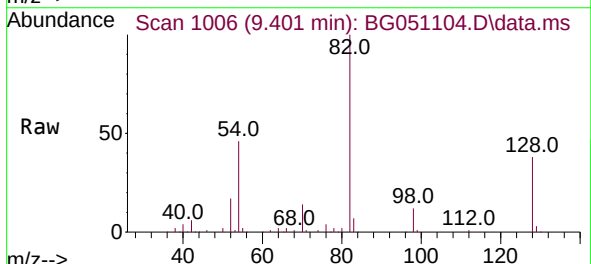
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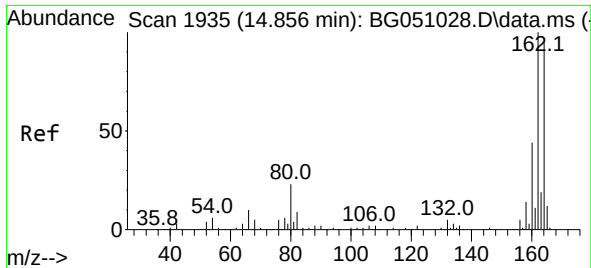
Tgt Ion:136 Resp: 120374
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 9.1 5.5 8.3#
68 7.2 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 78.868 ng
RT: 9.401 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

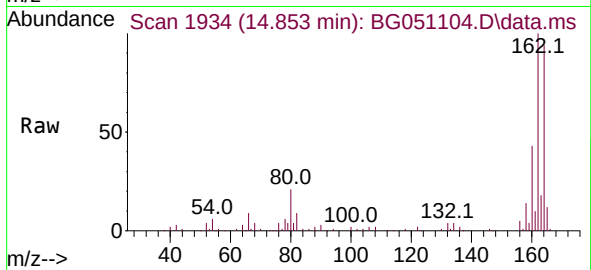
Tgt Ion: 82 Resp: 214465
Ion Ratio Lower Upper
82 100
128 38.1 29.8 44.6
54 46.3 45.8 68.8



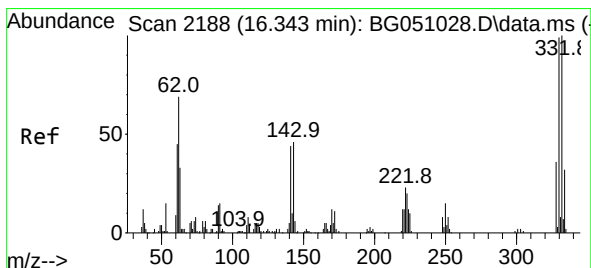
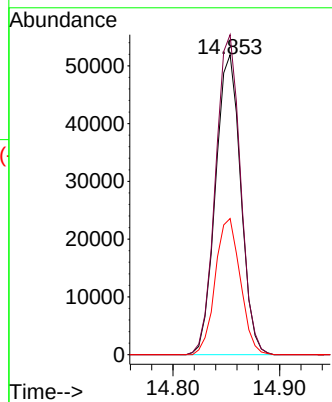
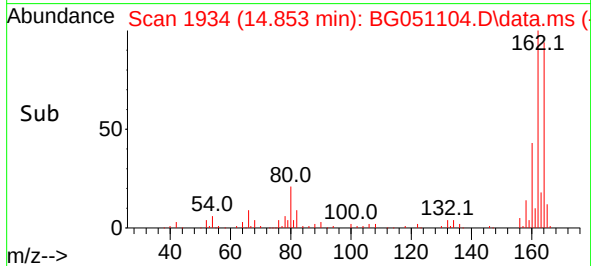


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.853 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

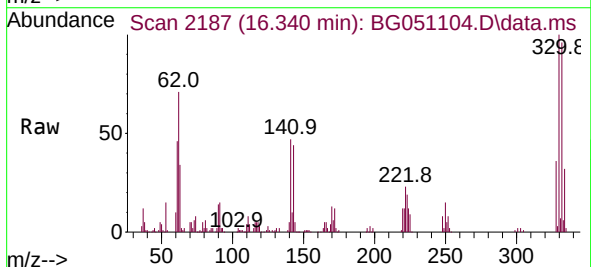
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BNA_G
ClientSampleId :
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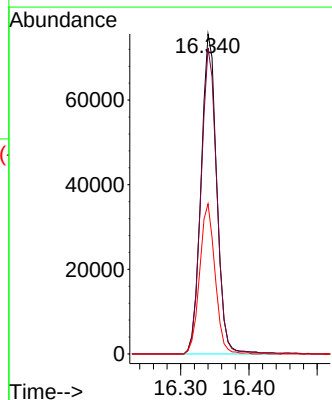
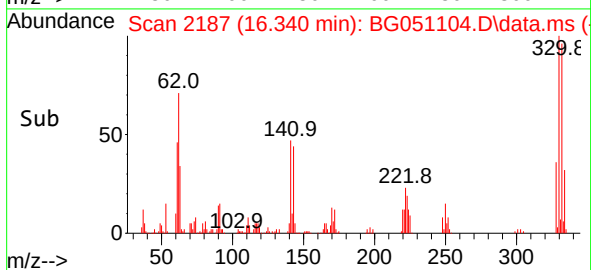
Tgt Ion:164 Resp: 85075
Ion Ratio Lower Upper
164 100
162 106.7 81.4 122.0
160 45.4 34.9 52.3

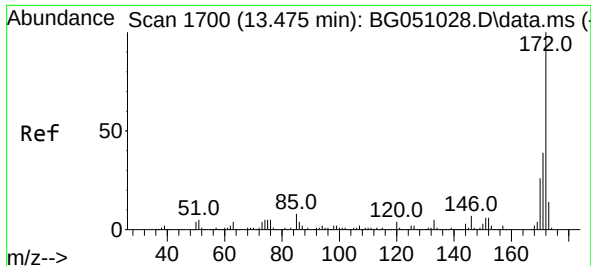


#42
2,4,6-Tribromophenol
Concen: 141.678 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51



Tgt Ion:330 Resp: 120620
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 46.0 35.6 53.4

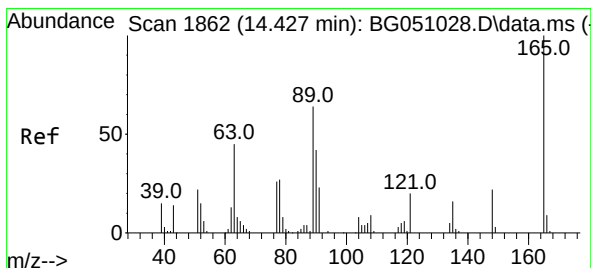
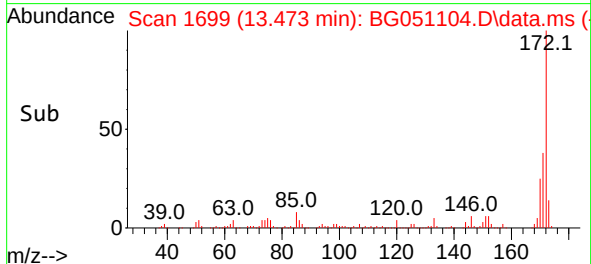
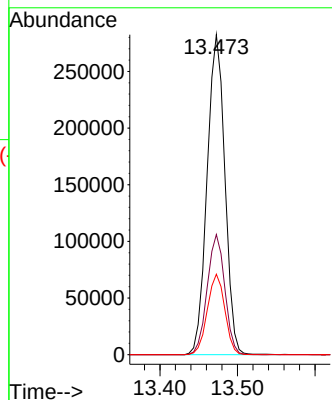
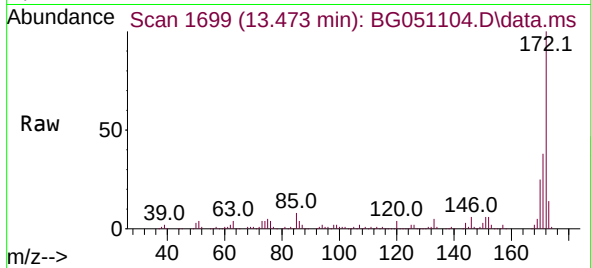




#45
2-Fluorobiphenyl
Concen: 83.531 ng
RT: 13.473 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

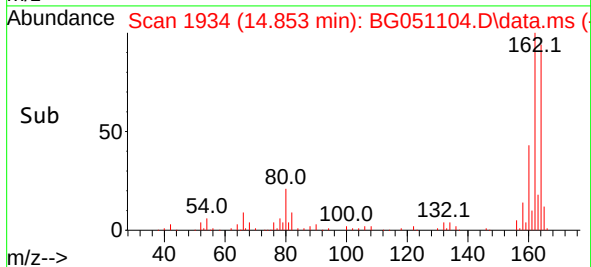
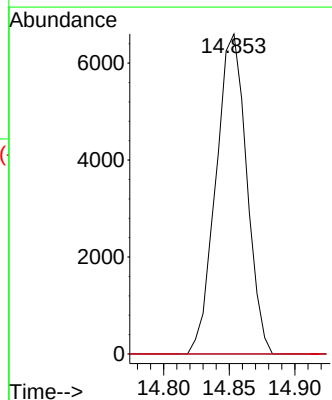
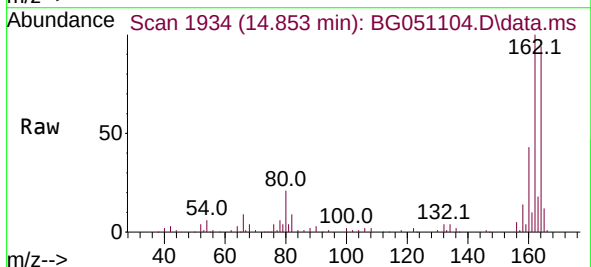
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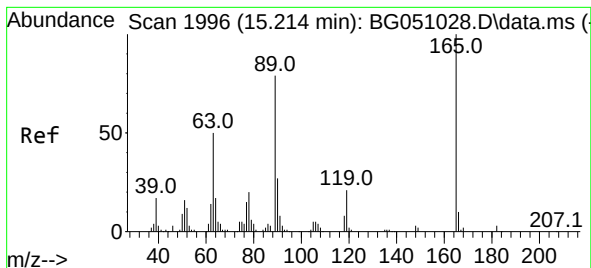
Tgt Ion:172 Resp: 449762
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.793 ng
RT: 14.853 min Scan# 1934
Delta R.T. 0.426 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

Tgt Ion:165 Resp: 10736
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

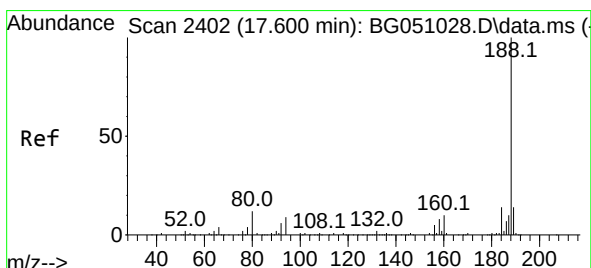
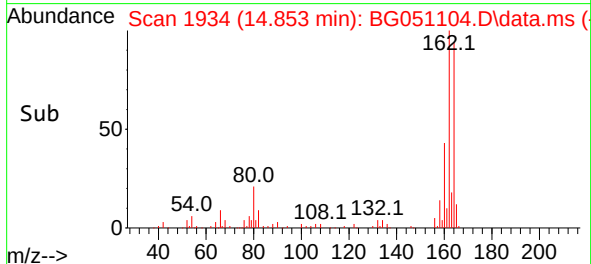
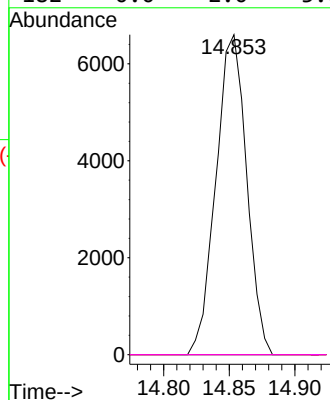
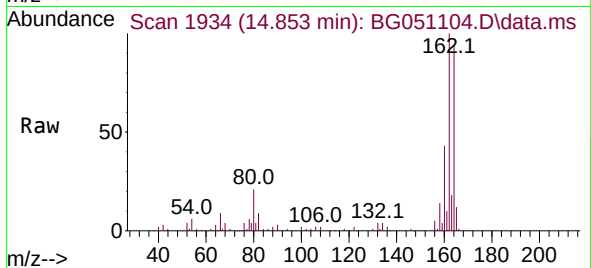




#57
2,4-Dinitrotoluene
Concen: 5.492 ng
RT: 14.853 min Scan# 1996
Delta R.T. -0.361 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

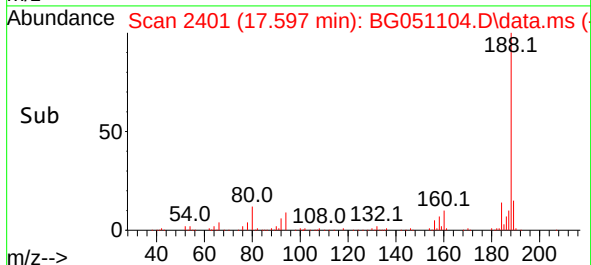
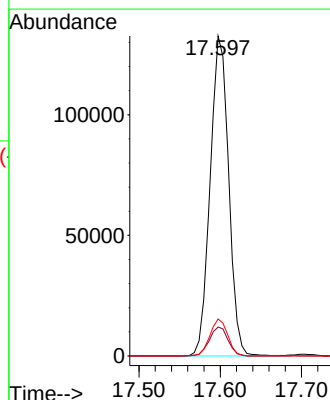
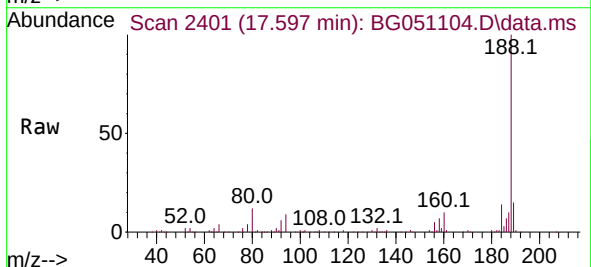
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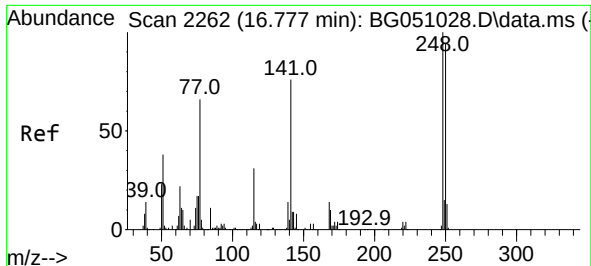
Tgt Ion:165 Resp: 10736
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.597 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

Tgt Ion:188 Resp: 209562
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.5 3.7 5.5#

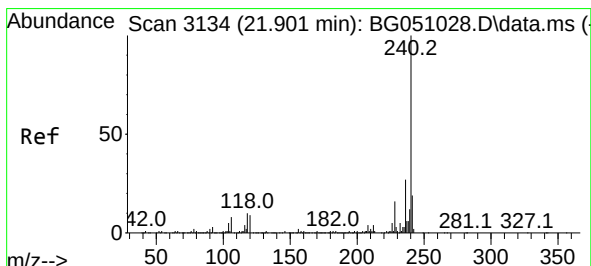
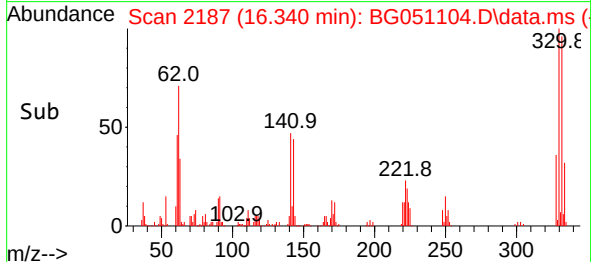
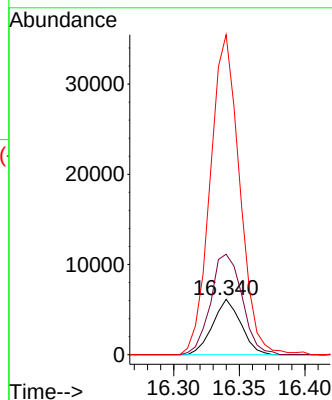
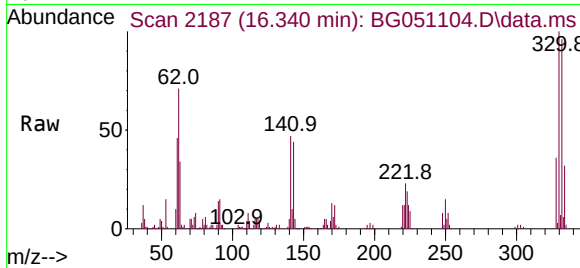




#67
4-Bromophenyl-phenylether
Concen: 4.176 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.437 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

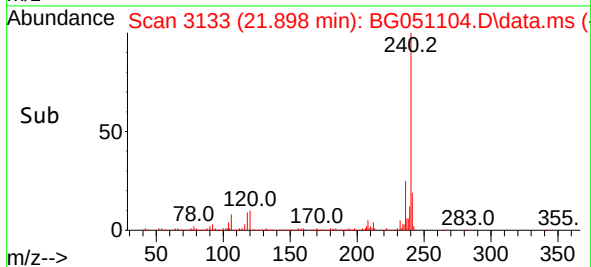
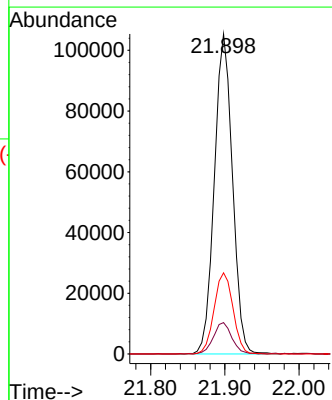
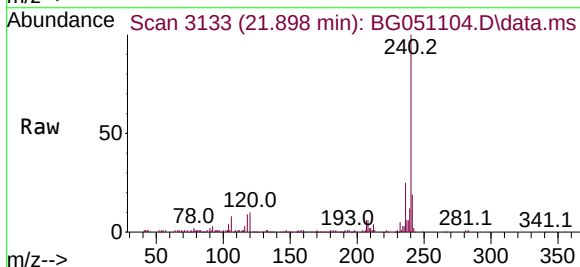
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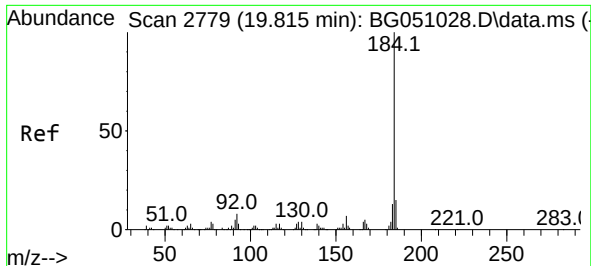
Tgt Ion:248 Resp: 9166
Ion Ratio Lower Upper
248 100
250 181.7 76.1 114.1#
141 578.4 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

Tgt Ion:240 Resp: 178736
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 25.3 21.8 32.6

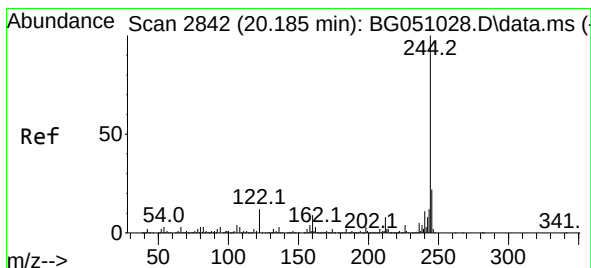
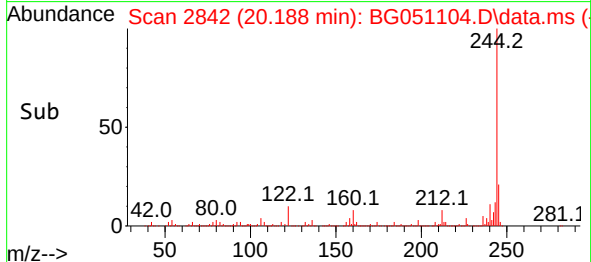
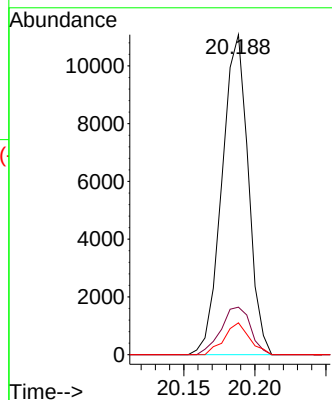
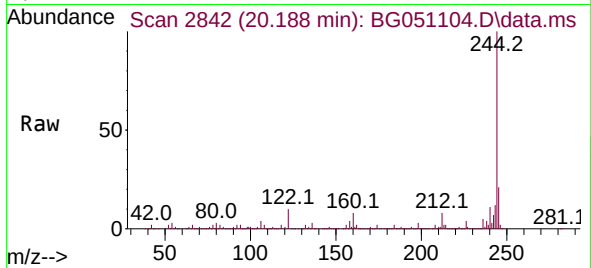




#77
Benzidine
Concen: 4.210 ng
RT: 20.188 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

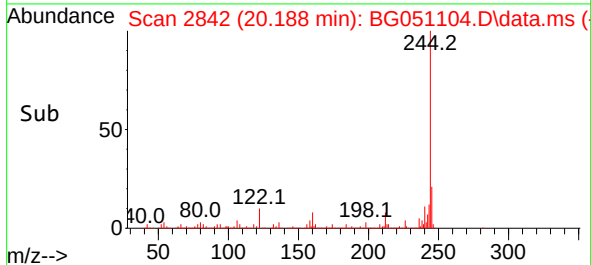
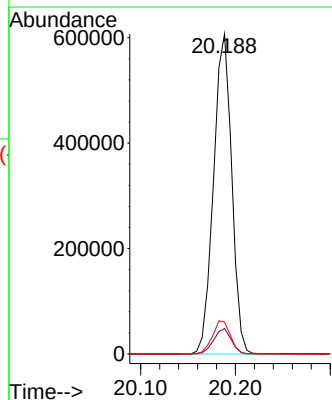
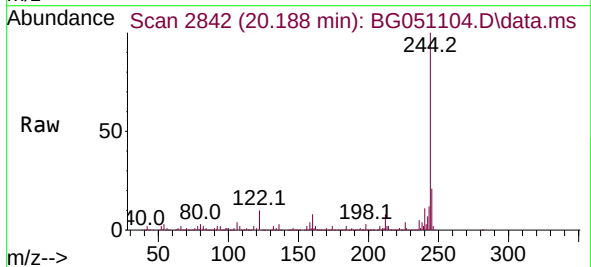
Instrument :
BNA_G
ClientSampleId :
PB140834BL

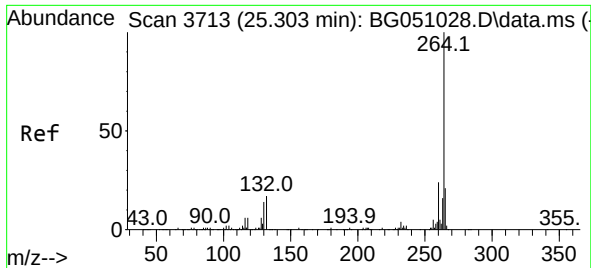
Tgt Ion:184 Resp: 14225
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 10.0 9.4 14.0



#79
Terphenyl-d14
Concen: 82.639 ng
RT: 20.188 min Scan# 2842
Delta R.T. 0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

Tgt Ion:244 Resp: 807227
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 10.0 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.306 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG051104.D
Acq: 18 Nov 2021 13:51

Instrument :
BNA_G
ClientSampleId :
PB140834BL

Tgt Ion:264 Resp: 176239

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.1	16.9	25.3

