

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055776.D
 Acq On : 25 Nov 2022 11:24
 Operator : CG/JU
 Sample : PB149281BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 00:24:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

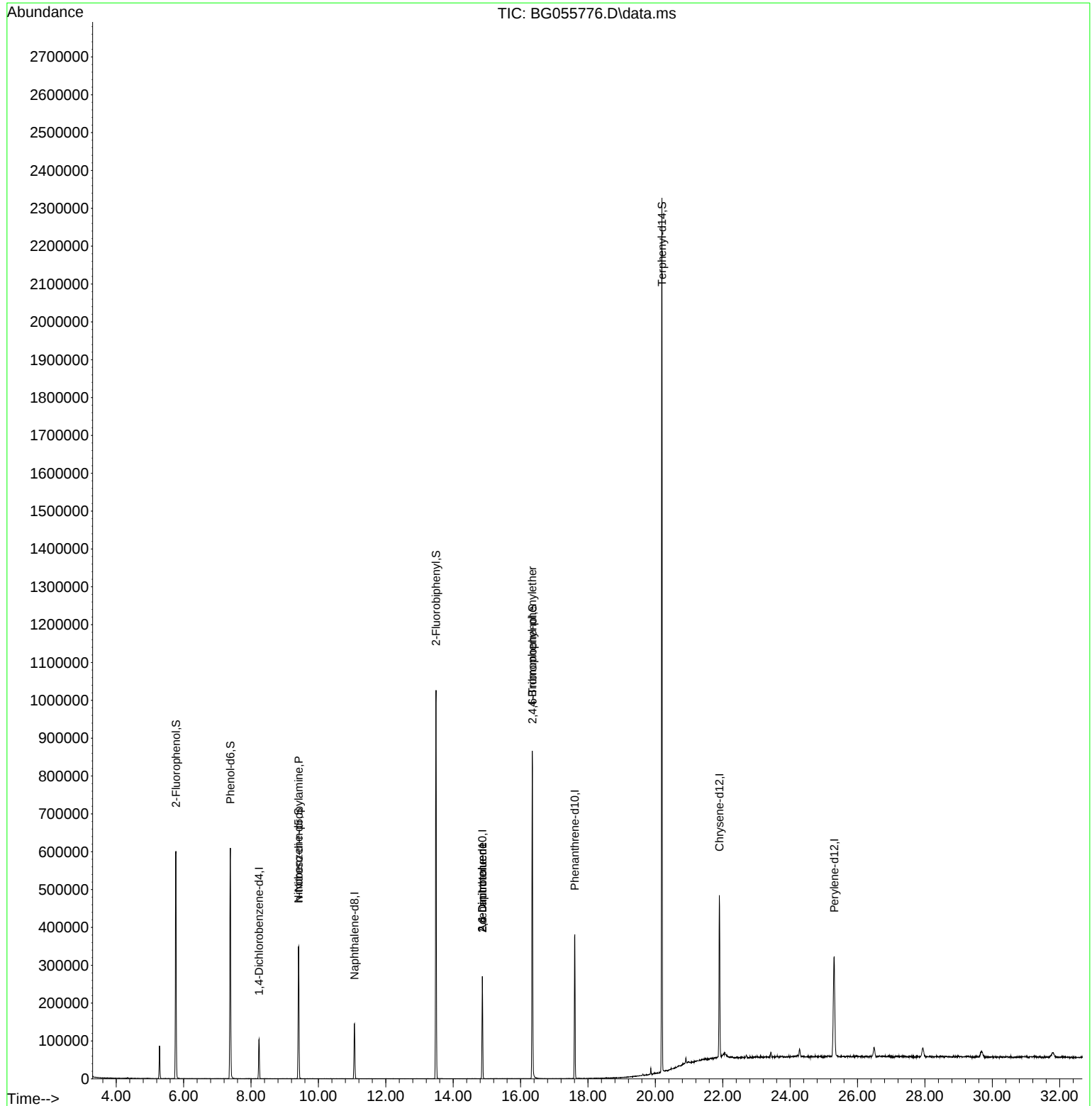
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	30646	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	129169	20.000	ng	0.00
39) Acenaphthene-d10	14.865	164	99060	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	254475	20.000	ng	0.00
76) Chrysene-d12	21.898	240	276844	20.000	ng	0.00
86) Perylene-d12	25.305	264	287266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.770	112	262162	154.625	ng	0.00
7) Phenol-d6	7.385	99	342770	151.873	ng	0.00
23) Nitrobenzene-d5	9.406	82	207287	84.820	ng	0.00
42) 2,4,6-Tribromophenol	16.351	330	192982	138.349	ng	0.00
45) 2-Fluorobiphenyl	13.490	172	549512	83.105	ng	0.00
79) Terphenyl-d14	20.194	244	1185262	85.632	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.412	70	28112	16.211	ng	Qvalue
51) 2,6-Dinitrotoluene	14.865	165	12671	7.848	ng	# 73
57) 2,4-Dinitrotoluene	14.865	165	12671	5.566	ng	# 24
67) 4-Bromophenyl-phenylether	16.345	248	12220	4.215	ng	# 22
67) 4-Bromophenyl-phenylether	16.345	248	12220	4.215	ng	# 1

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

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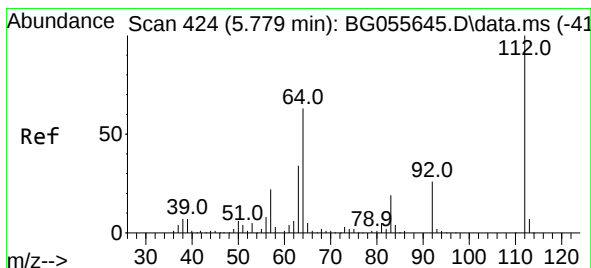
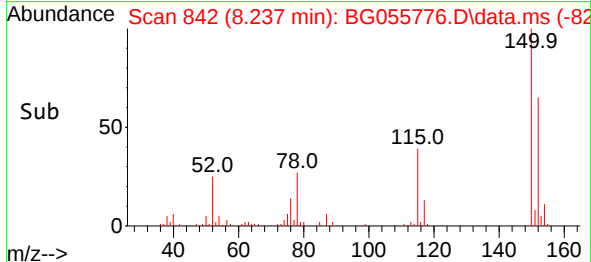
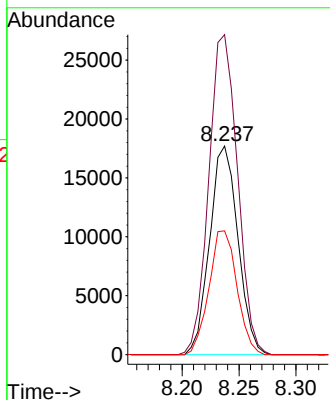
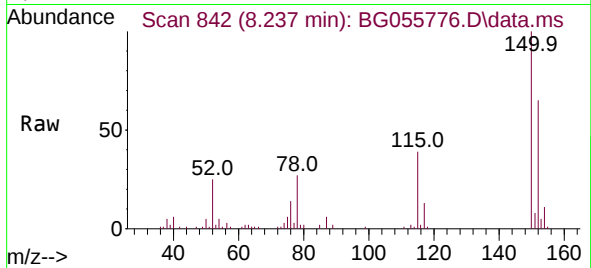




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.237 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

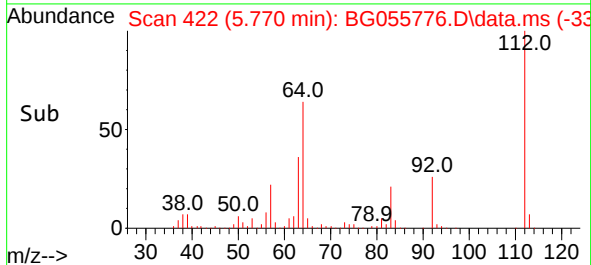
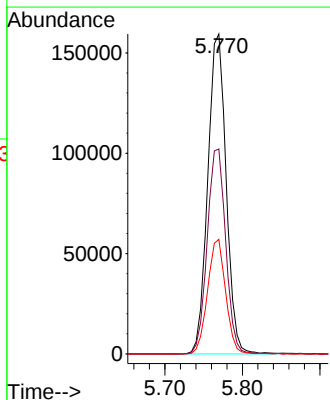
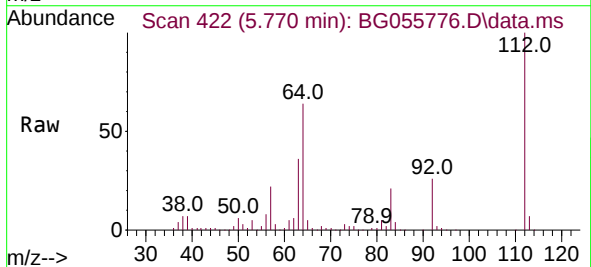
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30646
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.6
115 59.3 47.0 70.4



#5
2-Fluorophenol
Concen: 154.625 ng
RT: 5.770 min Scan# 422
Delta R.T. 0.002 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

Tgt Ion:112 Resp: 262162
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 35.8 27.5 41.3

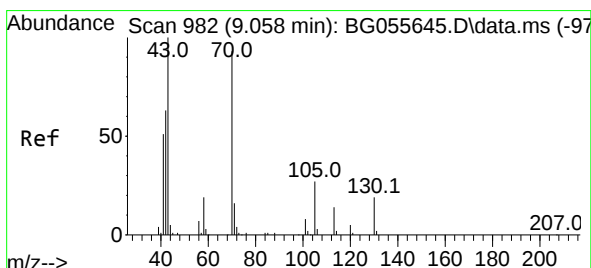
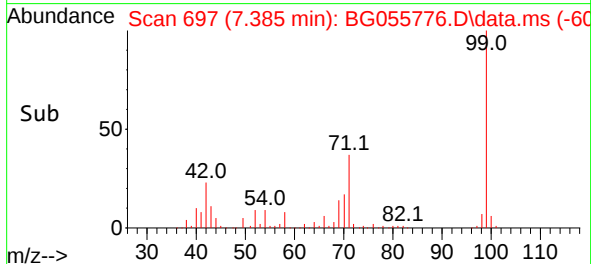
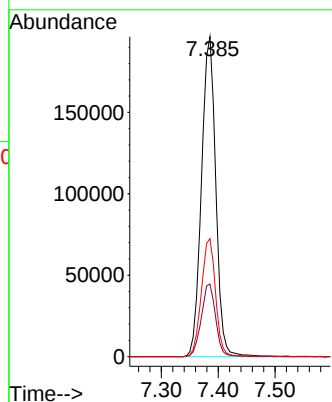
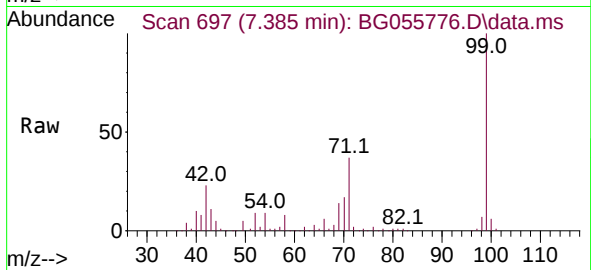




#7
Phenol-d6
Concen: 151.873 ng
RT: 7.385 min Scan# 69
Delta R.T. 0.002 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

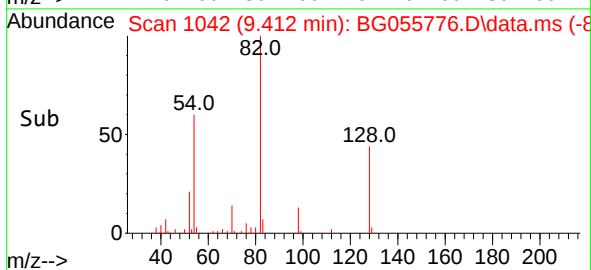
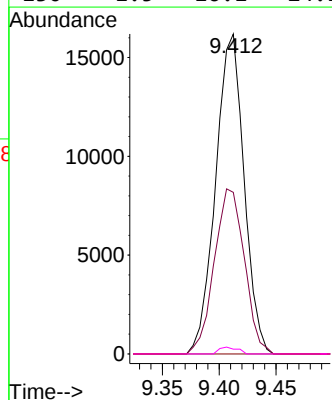
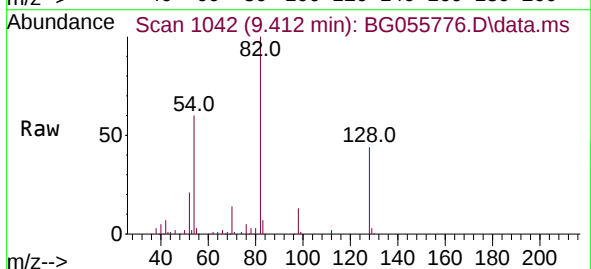
Instrument :
BNA_G
ClientSampleId :

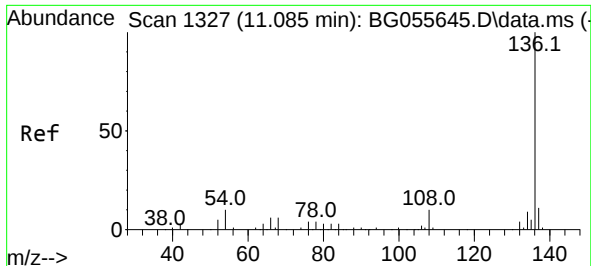
Tgt Ion: 99 Resp: 342770
Ion Ratio Lower Upper
99 100
42 22.7 18.0 27.0
71 36.9 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.211 ng
RT: 9.412 min Scan# 1042
Delta R.T. 0.366 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

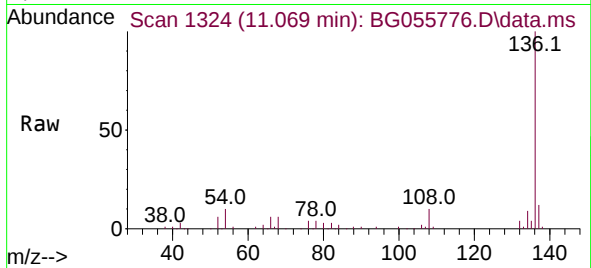
Tgt Ion: 70 Resp: 28112
Ion Ratio Lower Upper
70 100
42 50.5 55.2 82.8#
101 0.0 7.1 10.7#
130 1.5 16.1 24.1#



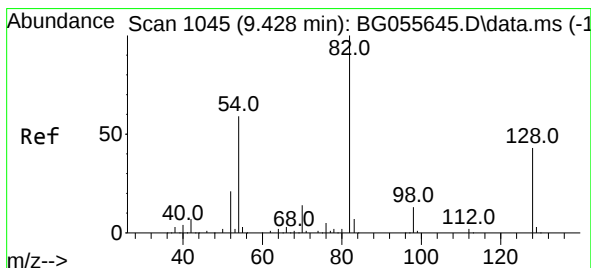
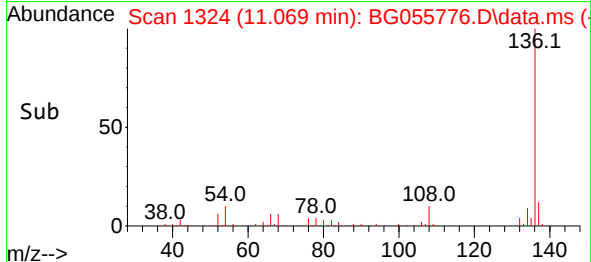
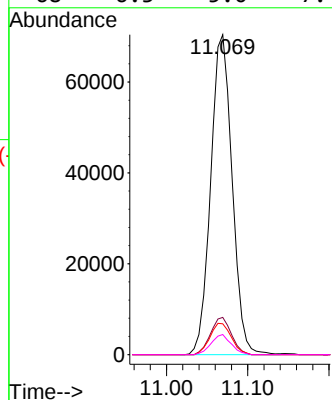


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1324
Delta R.T. 0.002 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

Instrument :
BNA_G
ClientSampleId :

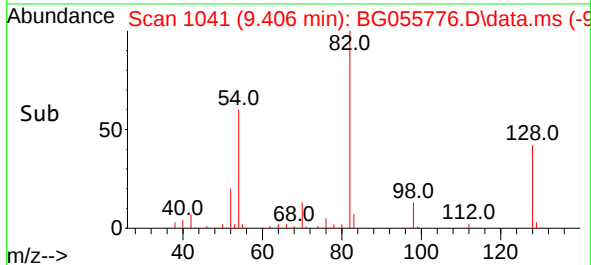
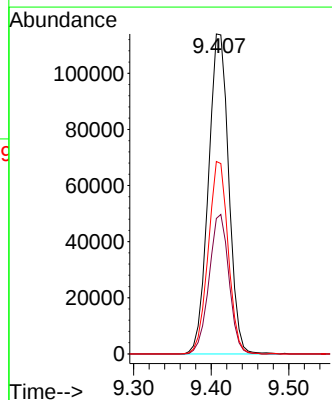
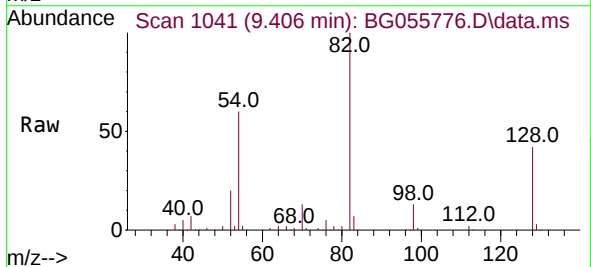


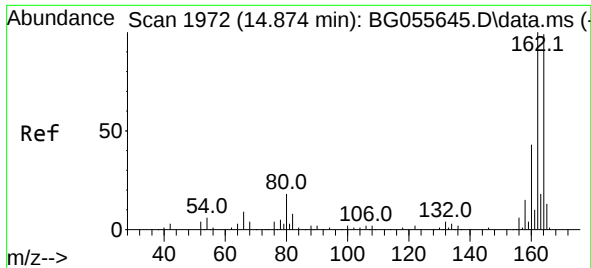
Tgt Ion:136 Resp: 129169
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 9.6 7.8 11.6
68 6.3 5.0 7.4



#23
Nitrobenzene-d5
Concen: 84.820 ng
RT: 9.406 min Scan# 1041
Delta R.T. -0.004 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

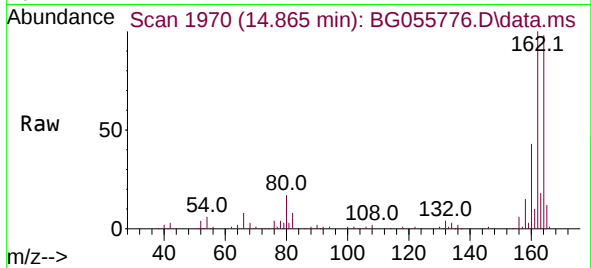
Tgt Ion: 82 Resp: 207287
Ion Ratio Lower Upper
82 100
128 42.3 34.1 51.1
54 60.1 47.3 70.9



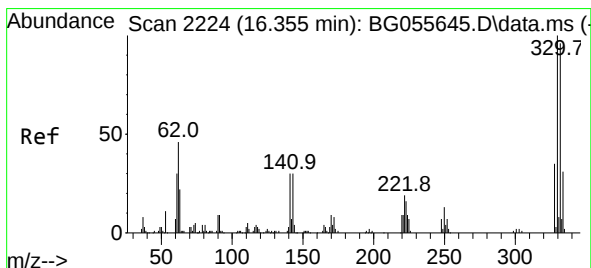
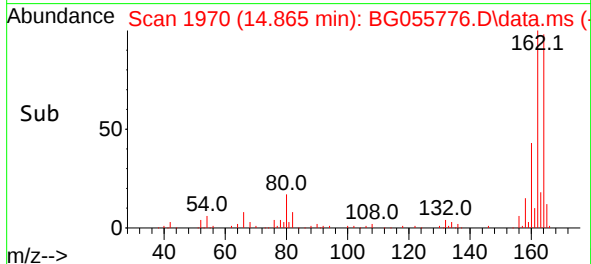
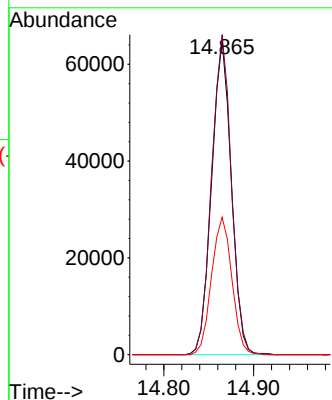


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.865 min Scan# 1972
Delta R.T. 0.002 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

Instrument :
BNA_G
ClientSampleId :

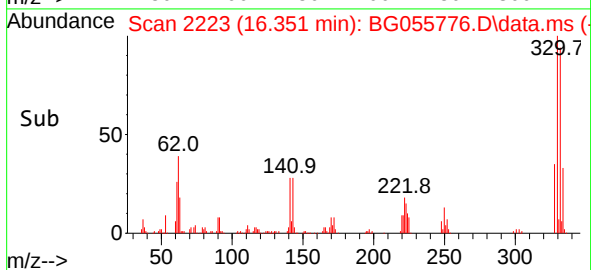
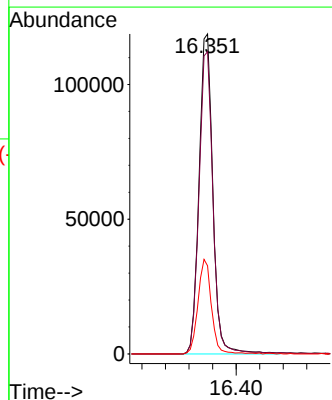
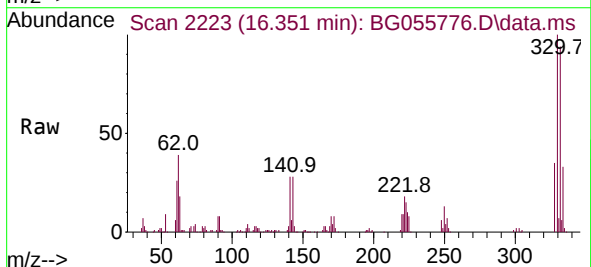


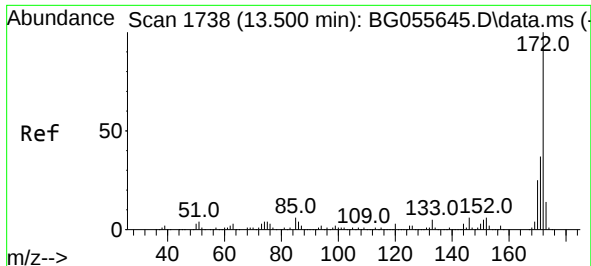
Tgt Ion:164 Resp: 99060
Ion Ratio Lower Upper
164 100
162 101.9 81.1 121.7
160 43.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 138.349 ng
RT: 16.351 min Scan# 2223
Delta R.T. 0.002 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

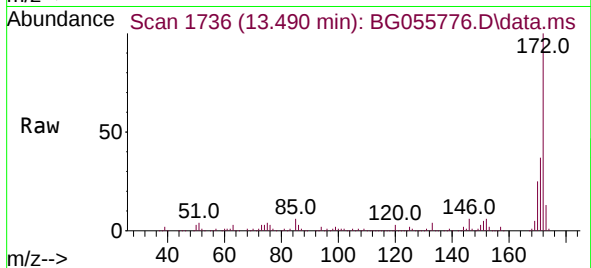
Tgt Ion:330 Resp: 192982
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 28.9 23.9 35.9



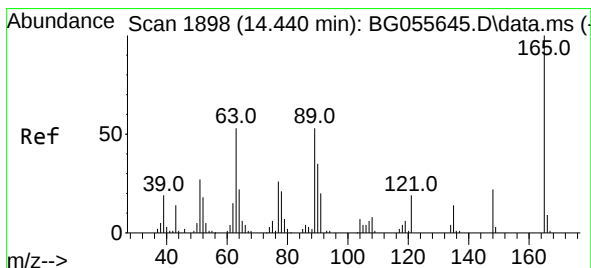
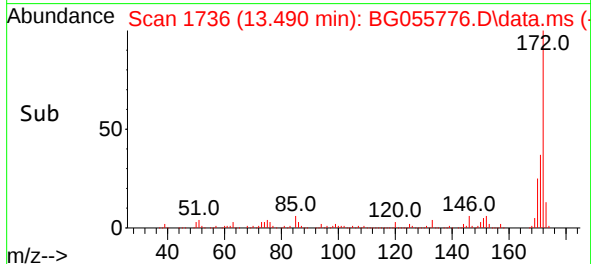
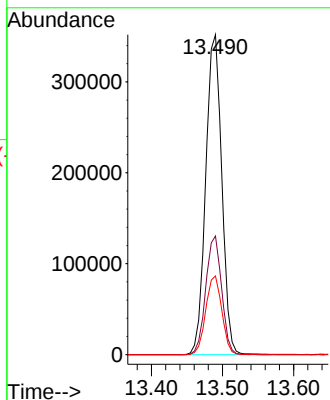


#45
2-Fluorobiphenyl
Concen: 83.105 ng
RT: 13.490 min Scan# 1736
Delta R.T. 0.002 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

Instrument :
BNA_G
ClientSampleId :

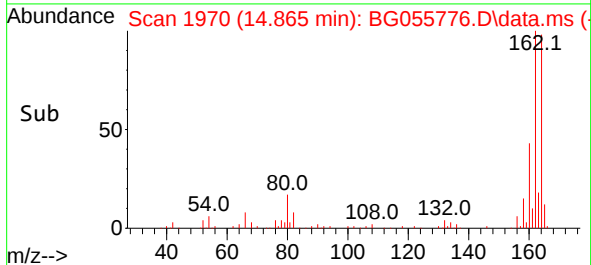
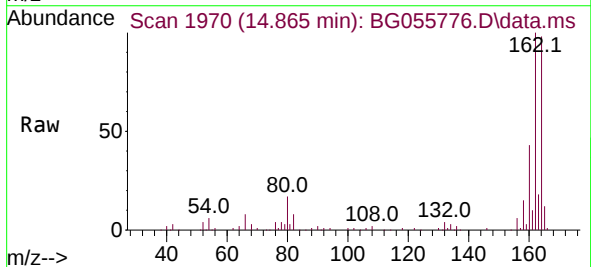
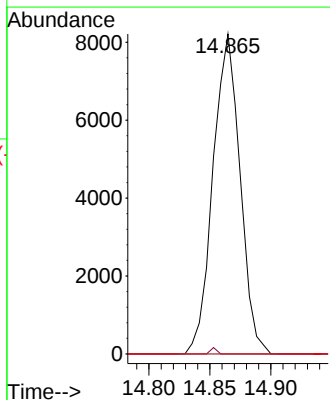


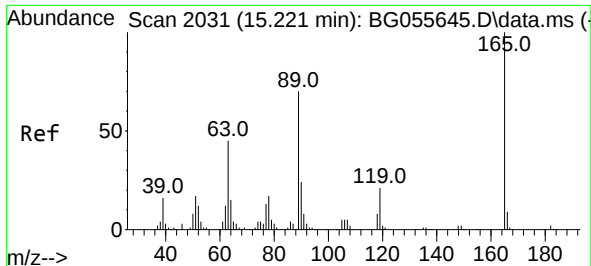
Tgt Ion:172 Resp: 549512
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.848 ng
RT: 14.865 min Scan# 1970
Delta R.T. 0.431 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

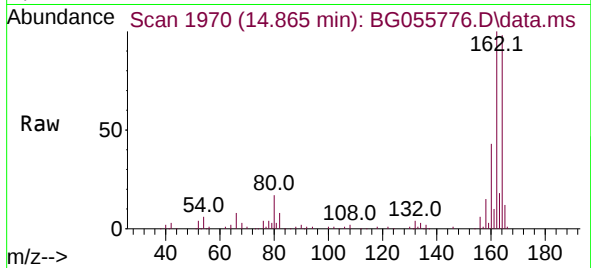
Tgt Ion:165 Resp: 12671
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#



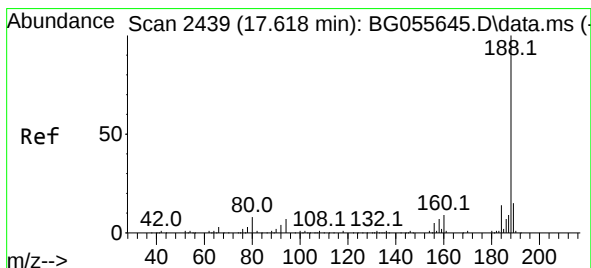
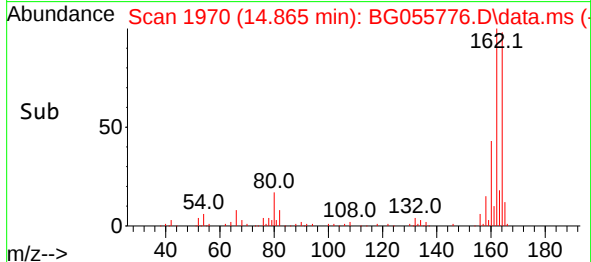
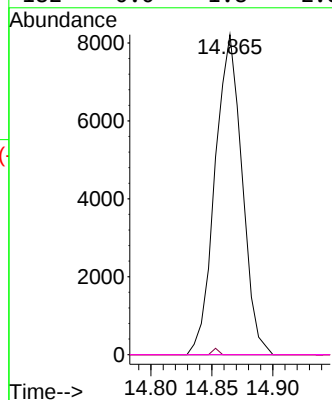


#57
2,4-Dinitrotoluene
Concen: 5.566 ng
RT: 14.865 min Scan# 19
Delta R.T. -0.351 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

Instrument :
BNA_G
ClientSampleId :

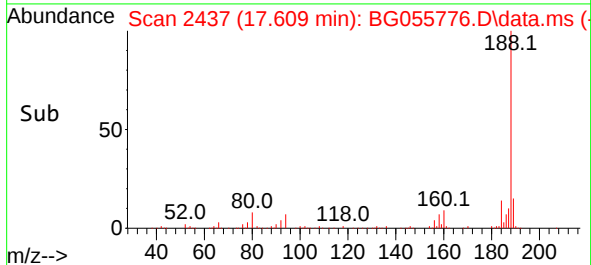
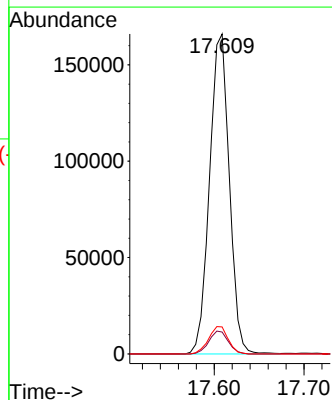
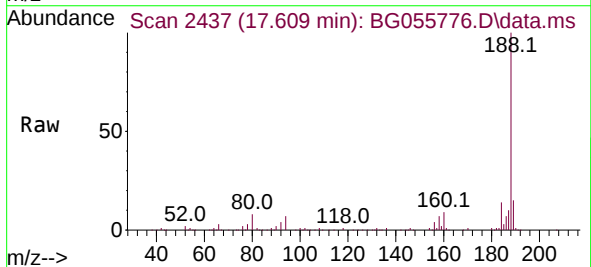


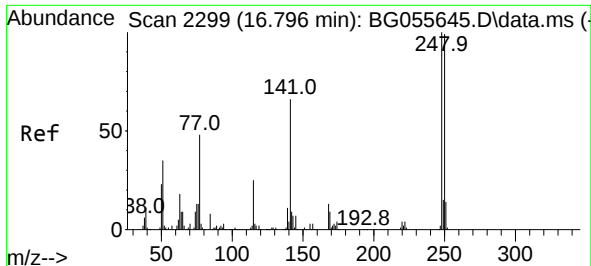
Tgt Ion:165 Resp: 12671
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.609 min Scan# 2437
Delta R.T. 0.002 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

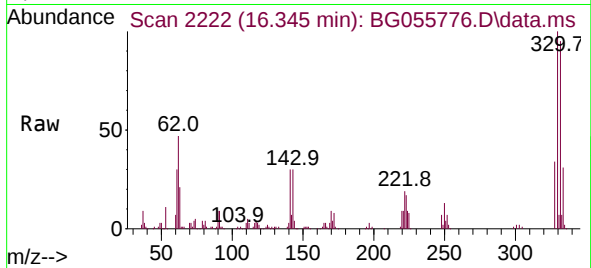
Tgt Ion:188 Resp: 254475
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.4 6.6 10.0



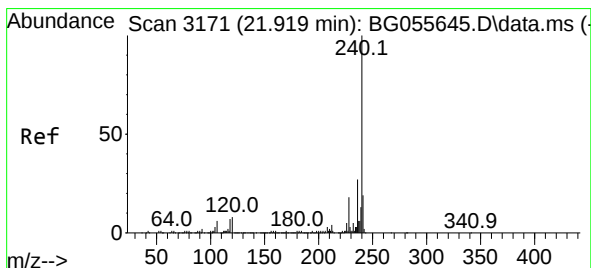
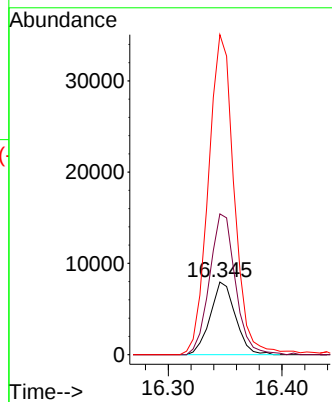
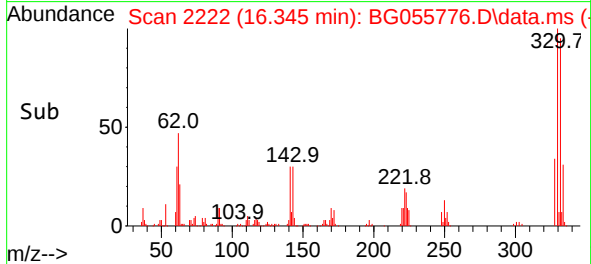


#67
4-Bromophenyl-phenylether
Concen: 4.215 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.439 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

Instrument :
BNA_G
ClientSampleId :

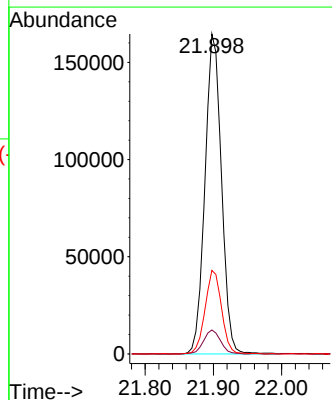
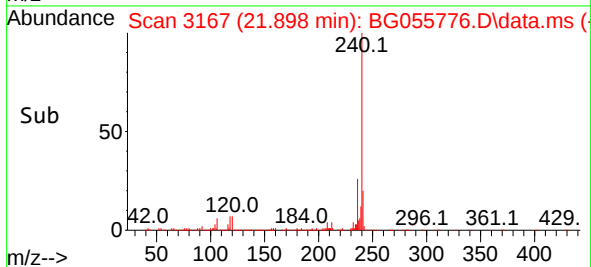
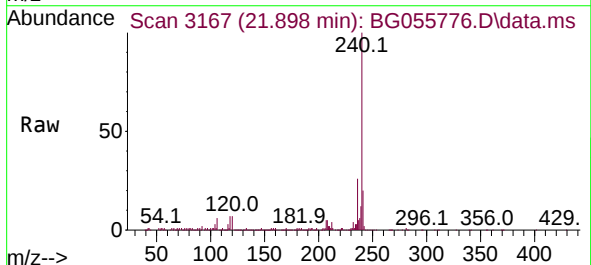


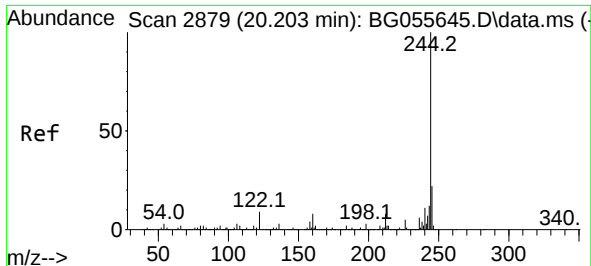
Tgt Ion:248 Resp: 12220
Ion Ratio Lower Upper
248 100
250 194.0 79.0 118.4#
141 441.1 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BG055776.D
Acq: 25 Nov 2022 11:24

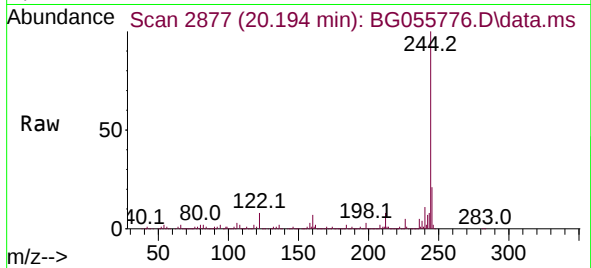
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Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.1 21.9 32.9



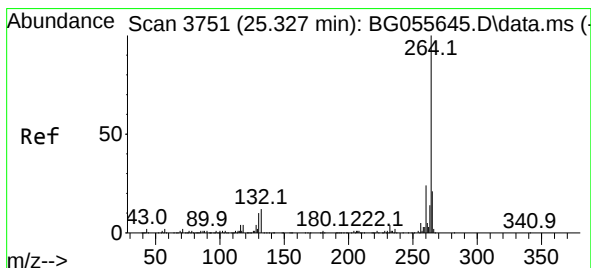
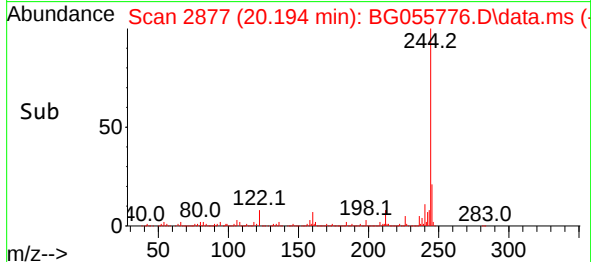
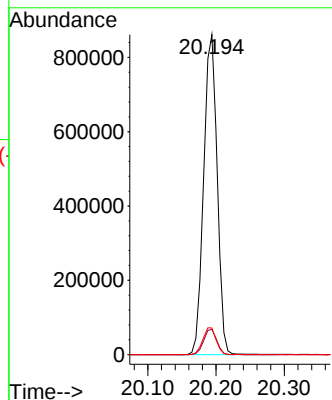


#79
 Terphenyl-d14
 Concen: 85.632 ng
 RT: 20.194 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055776.D
 Acq: 25 Nov 2022 11:24

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 1185262
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.305 min Scan# 3747
 Delta R.T. 0.002 min
 Lab File: BG055776.D
 Acq: 25 Nov 2022 11:24

Tgt Ion:264 Resp: 287266
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.0 17.1 25.7

