

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055778.D
 Acq On : 25 Nov 2022 12:54
 Operator : CG/JU
 Sample : N5741-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 00:25:46 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)

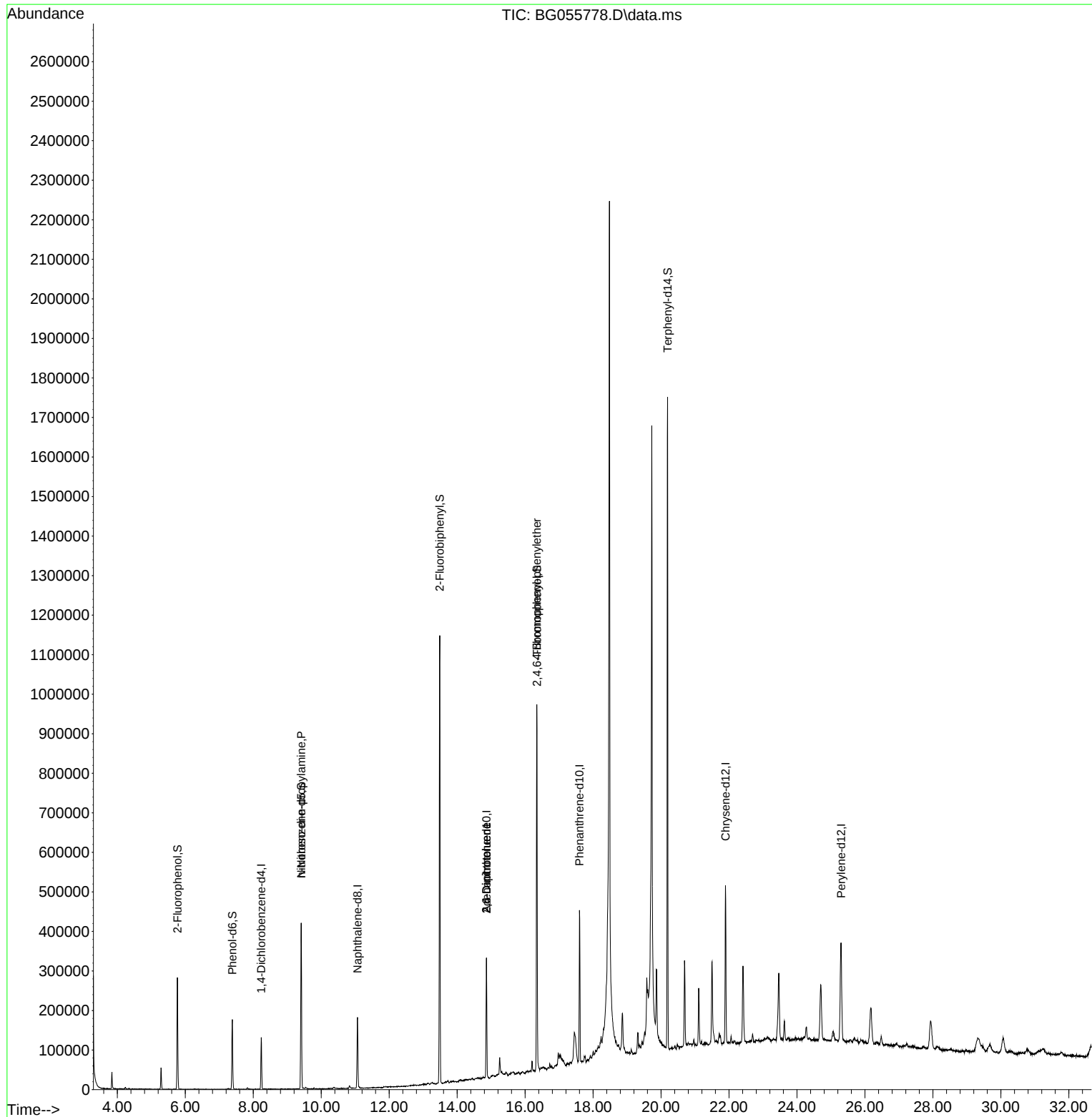
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	35813	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	153122	20.000	ng	0.00
39) Acenaphthene-d10	14.862	164	110555	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	254748	20.000	ng	0.00
76) Chrysene-d12	21.895	240	257707	20.000	ng	0.00
86) Perylene-d12	25.297	264	275084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	123341	62.251	ng	0.00
7) Phenol-d6	7.383	99	100505	38.107	ng	0.00
23) Nitrobenzene-d5	9.410	82	243581	84.080	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	202076	129.806	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	596097	80.777	ng	0.00
79) Terphenyl-d14	20.191	244	837289	64.984	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.410	70	33639	16.600	ng	Qvalue # 80
51) 2,6-Dinitrotoluene	14.862	165	14791	8.208	ng	# 26
57) 2,4-Dinitrotoluene	14.862	165	14791	5.822	ng	# 24
67) 4-Bromophenyl-phenylether	16.343	248	12698	4.375	ng	# 1

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

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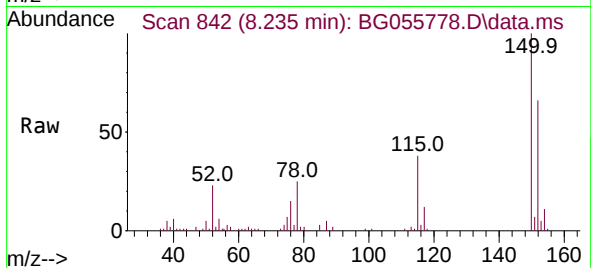
Quant Time: Nov 26 00:25:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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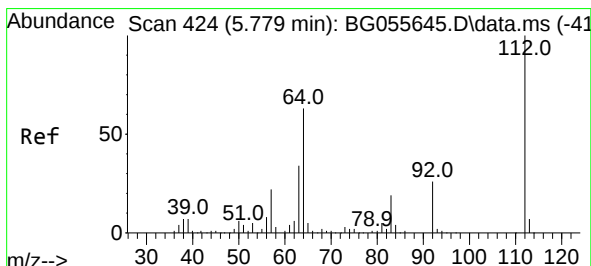
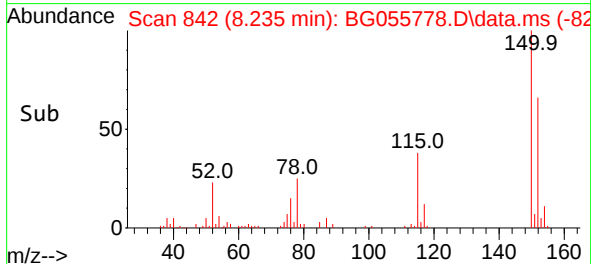
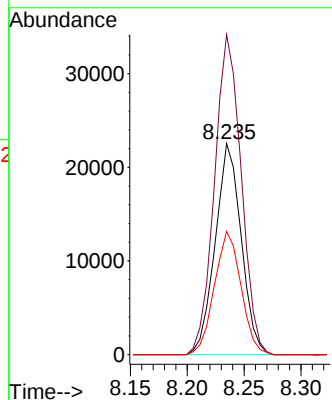


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

Instrument :
BNA_G
ClientSampleId :

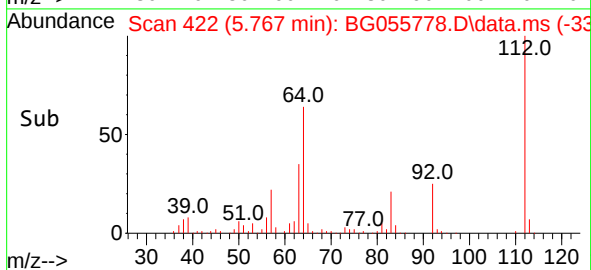
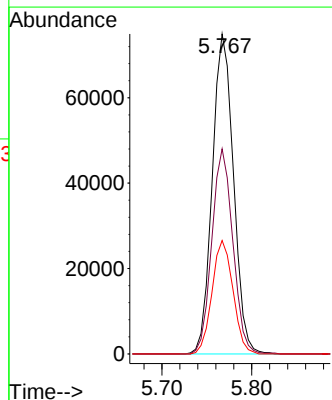
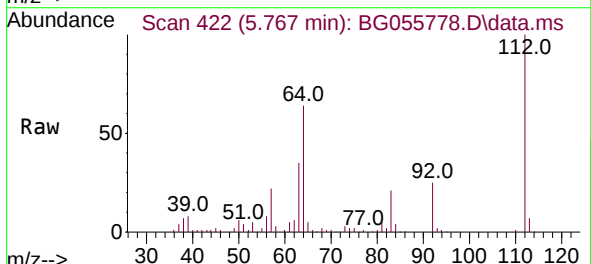


Tgt Ion:152 Resp: 35813
Ion Ratio Lower Upper
152 100
150 151.6 123.0 184.6
115 58.3 47.0 70.4



#5
2-Fluorophenol
Concen: 62.251 ng
RT: 5.767 min Scan# 422
Delta R.T. -0.001 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

Tgt Ion:112 Resp: 123341
Ion Ratio Lower Upper
112 100
64 64.1 50.6 76.0
63 35.4 27.5 41.3

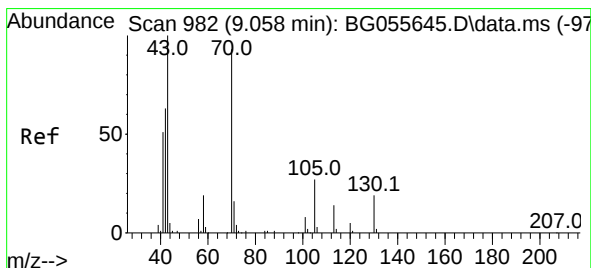
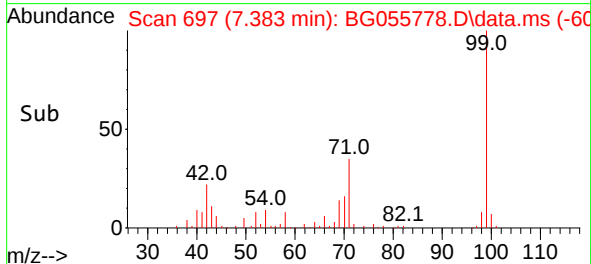
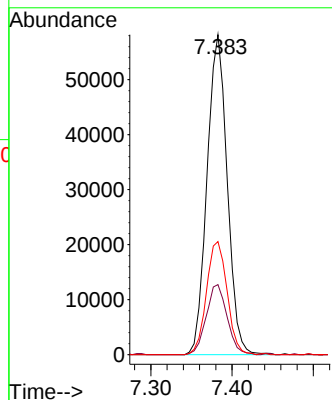
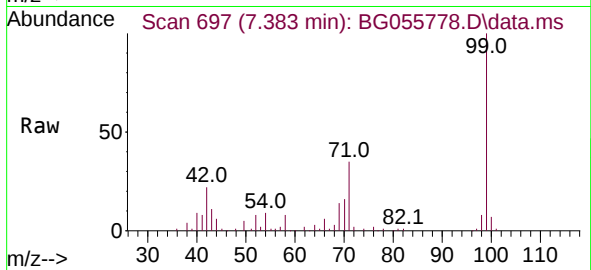




#7
Phenol-d6
Concen: 38.107 ng
RT: 7.383 min Scan# 69
Delta R.T. -0.001 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

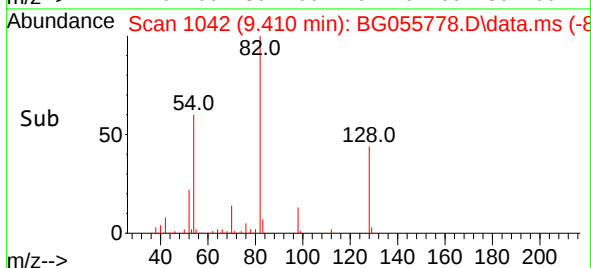
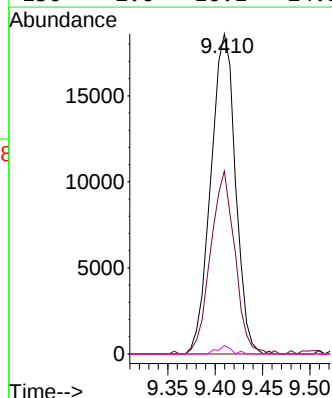
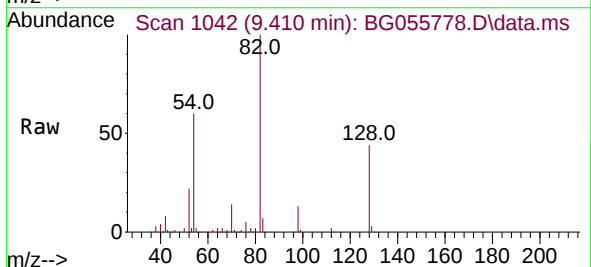
Instrument :
BNA_G
ClientSampleId :

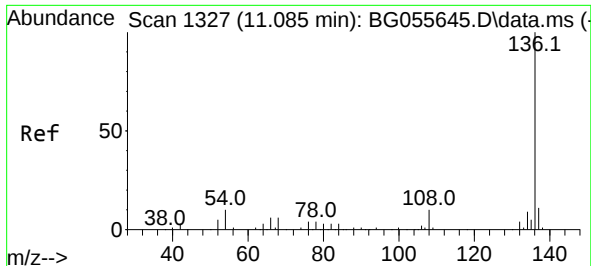
Tgt Ion: 99 Resp: 100505
Ion Ratio Lower Upper
99 100
42 21.9 18.0 27.0
71 35.3 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.600 ng
RT: 9.410 min Scan# 1042
Delta R.T. 0.363 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

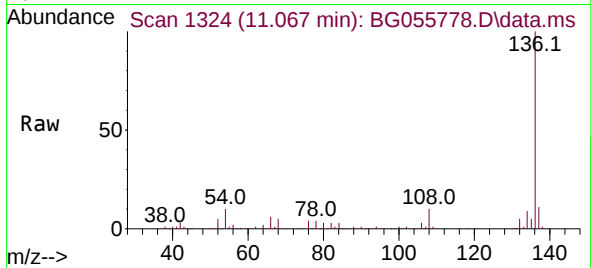
Tgt Ion: 70 Resp: 33639
Ion Ratio Lower Upper
70 100
42 57.2 55.2 82.8
101 0.0 7.1 10.7#
130 2.6 16.1 24.1#



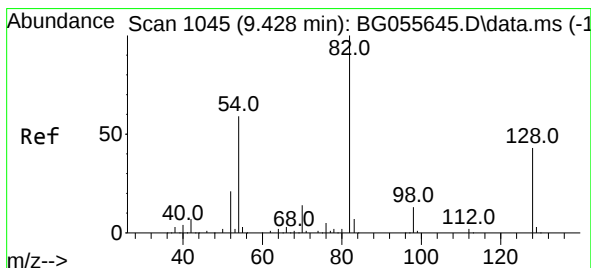
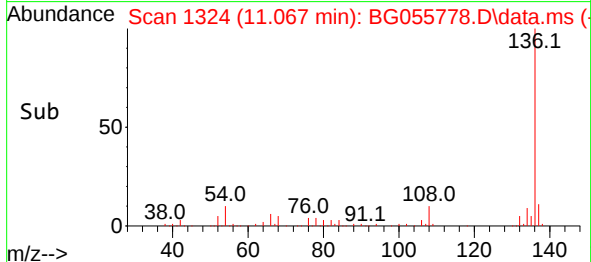
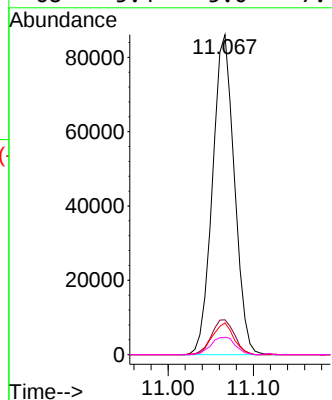


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1324
Delta R.T. -0.001 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

Instrument :
BNA_G
ClientSampleId :

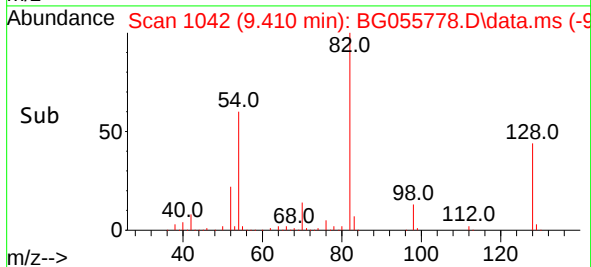
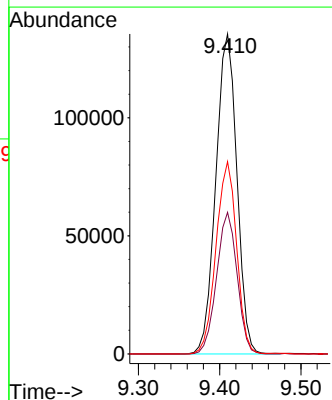
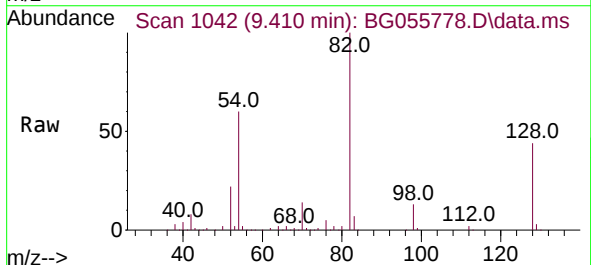


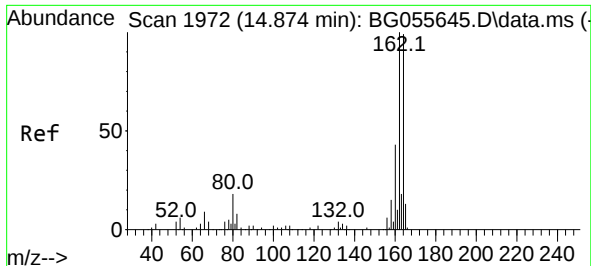
Tgt Ion:136 Resp: 153122
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.9 7.8 11.6
68 5.4 5.0 7.4



#23
Nitrobenzene-d5
Concen: 84.080 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

Tgt Ion: 82 Resp: 243581
Ion Ratio Lower Upper
82 100
128 44.2 34.1 51.1
54 60.1 47.3 70.9

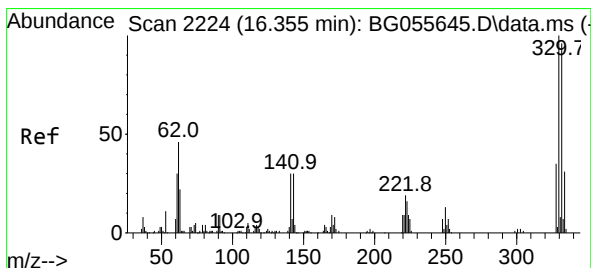
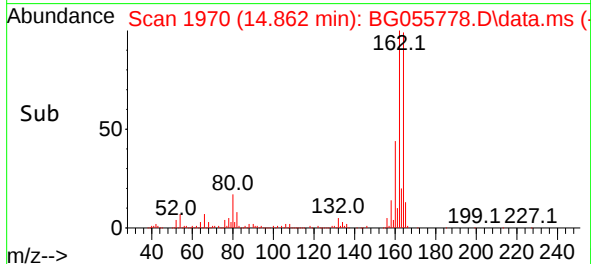
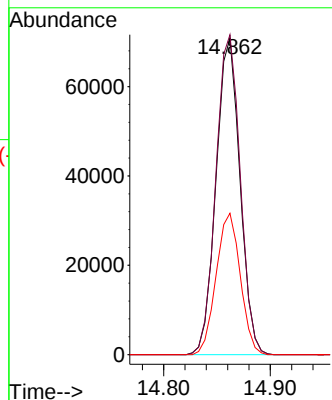
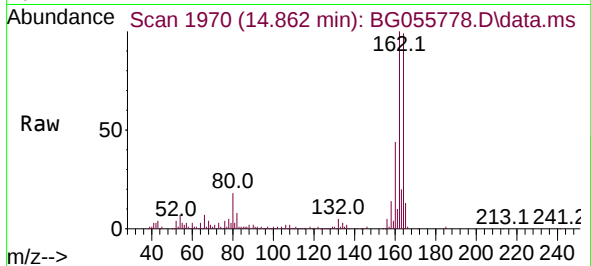




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.862 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

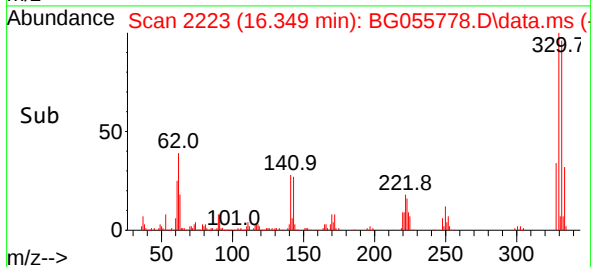
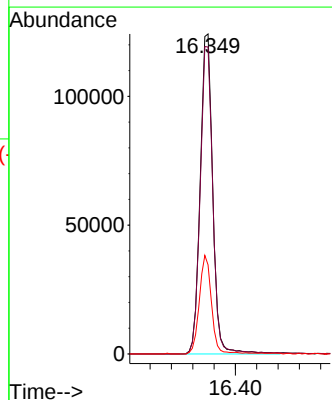
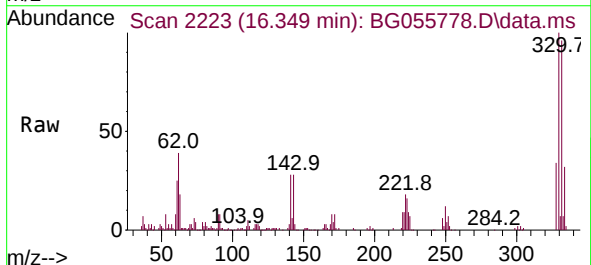
Instrument :
BNA_G
ClientSampleId :

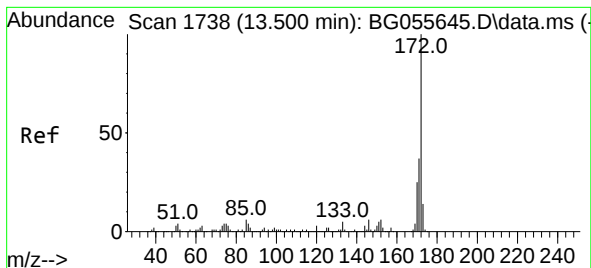
Tgt Ion:164 Resp: 110555
Ion Ratio Lower Upper
164 100
162 101.1 81.1 121.7
160 44.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 129.806 ng
RT: 16.349 min Scan# 2223
Delta R.T. -0.001 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

Tgt Ion:330 Resp: 202076
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 29.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 80.777 ng

RT: 13.487 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG055778.D

Acq: 25 Nov 2022 12:54

Instrument :

BNA_G

ClientSampleId :

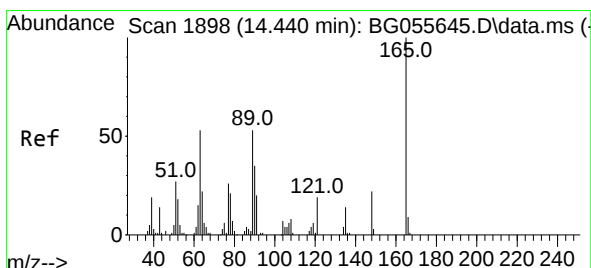
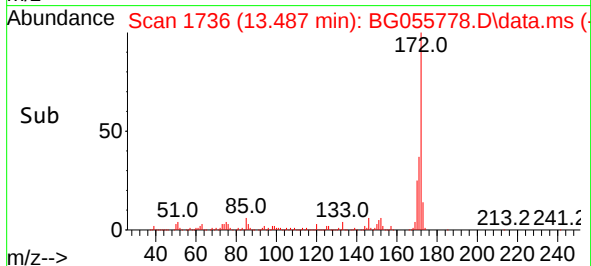
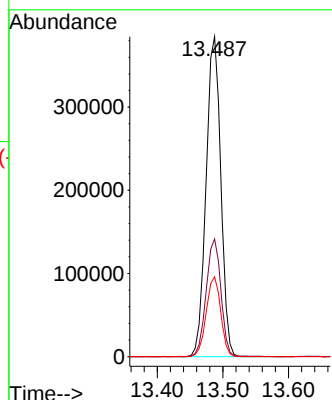
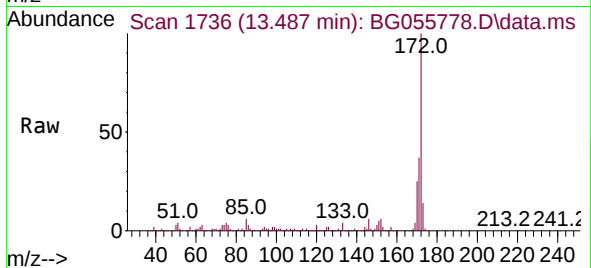
Tgt Ion:172 Resp: 596097

Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.6

170 24.9 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 8.208 ng

RT: 14.862 min Scan# 1970

Delta R.T. 0.428 min

Lab File: BG055778.D

Acq: 25 Nov 2022 12:54

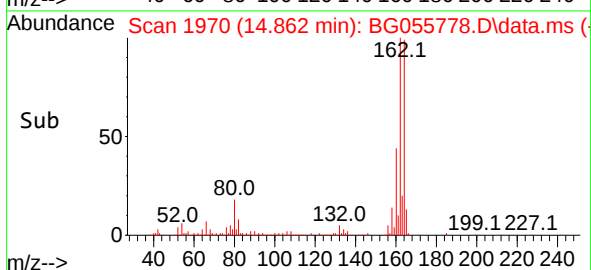
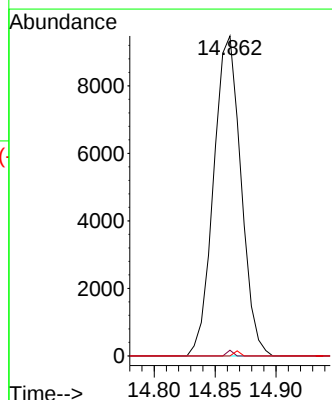
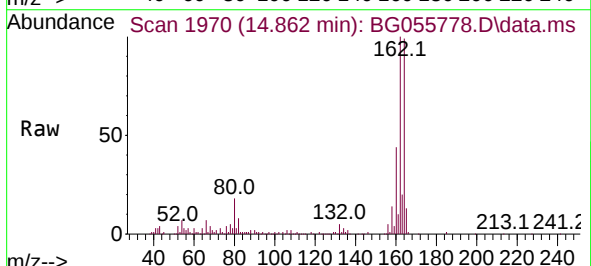
Tgt Ion:165 Resp: 14791

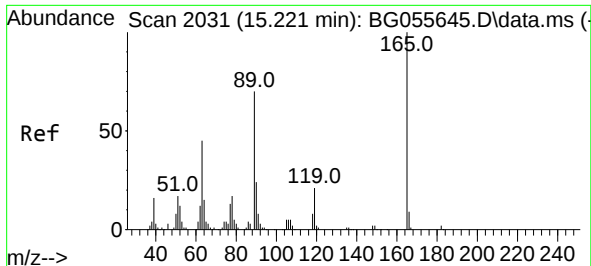
Ion Ratio Lower Upper

165 100

63 1.8 44.6 66.8#

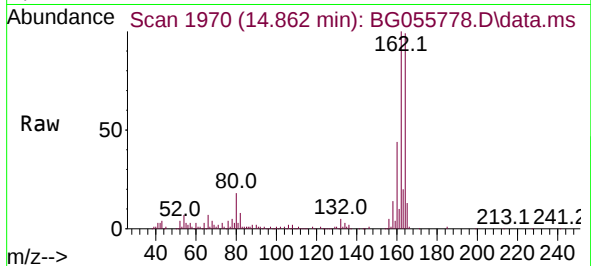
89 0.0 42.2 63.4#



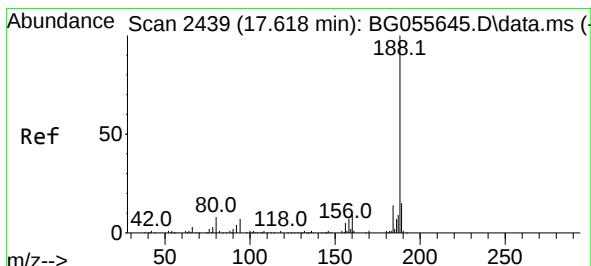
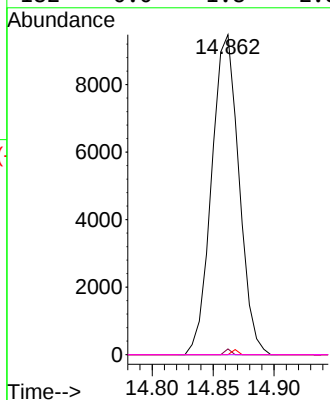
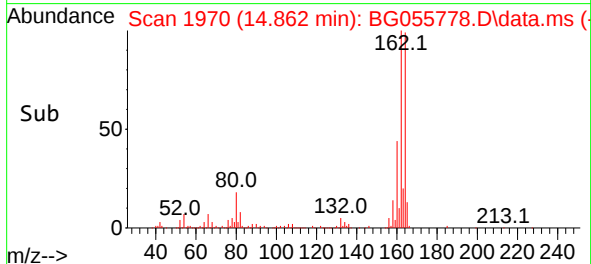


#57
2,4-Dinitrotoluene
Concen: 5.822 ng
RT: 14.862 min Scan# 19
Delta R.T. -0.353 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

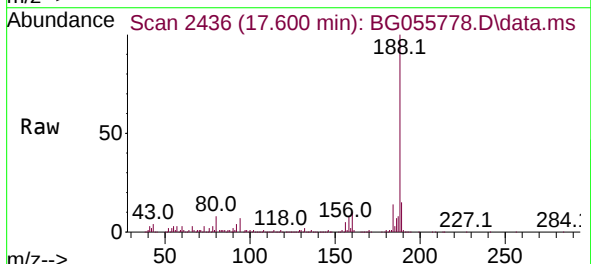
Instrument :
BNA_G
ClientSampleId :



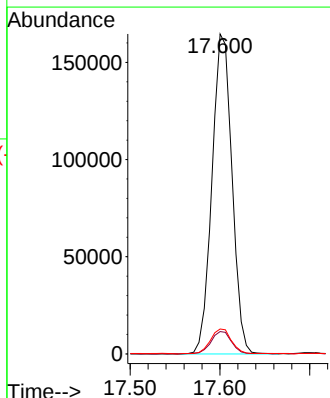
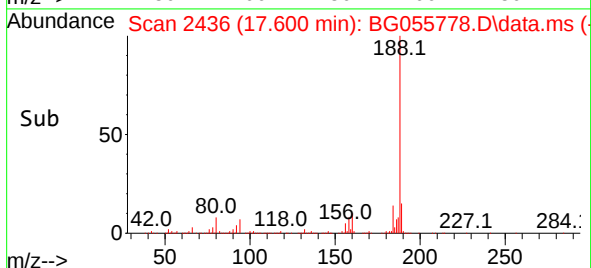
Tgt Ion:165 Resp: 14791
Ion Ratio Lower Upper
165 100
63 1.8 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#

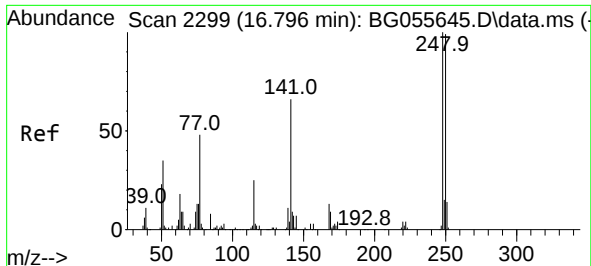


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54



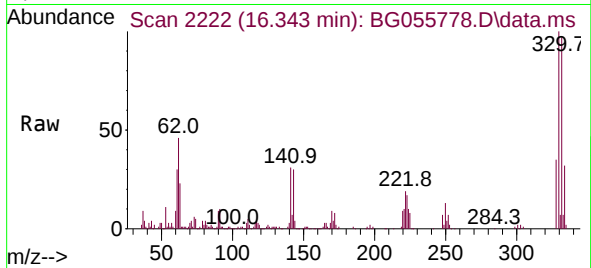
Tgt Ion:188 Resp: 254748
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 7.8 6.6 10.0



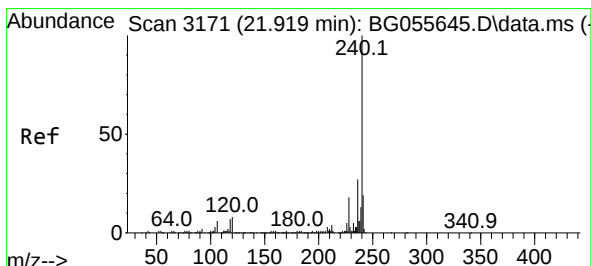
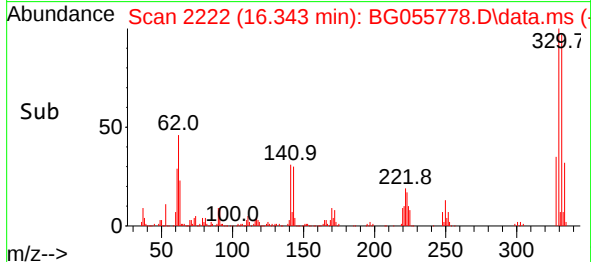
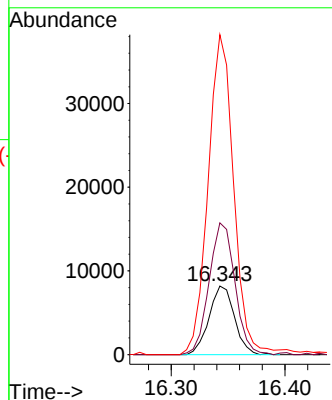


#67
4-Bromophenyl-phenylether
Concen: 4.375 ng
RT: 16.343 min Scan# 211
Delta R.T. -0.442 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

Instrument :
BNA_G
ClientSampleId :

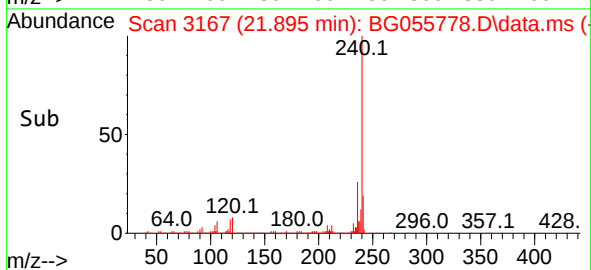
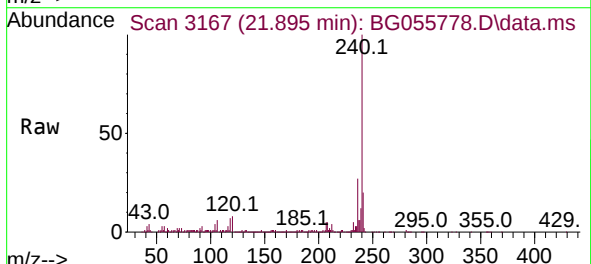
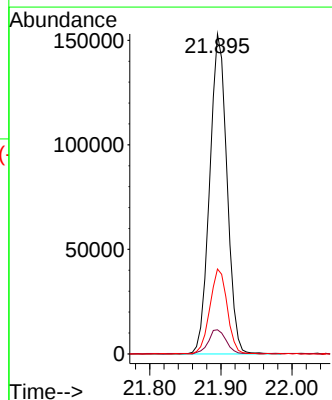


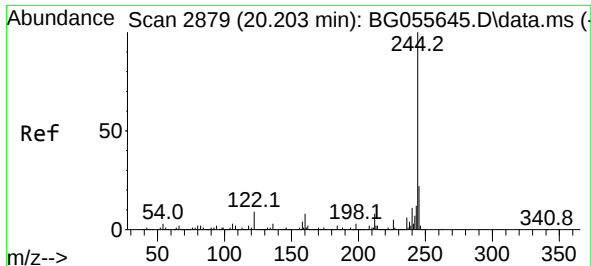
Tgt Ion:248 Resp: 12698
Ion Ratio Lower Upper
248 100
250 192.0 79.0 118.4#
141 466.4 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG055778.D
Acq: 25 Nov 2022 12:54

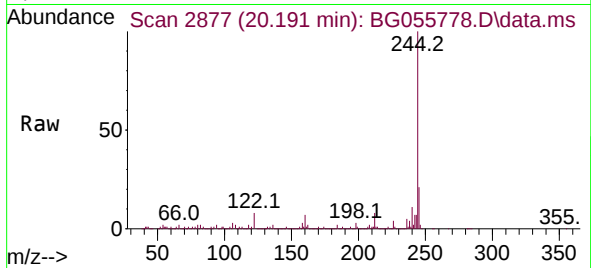
Tgt Ion:240 Resp: 257707
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.5 21.9 32.9



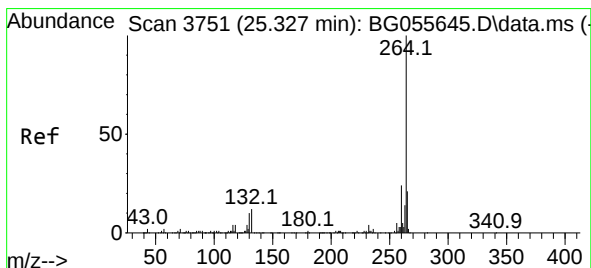
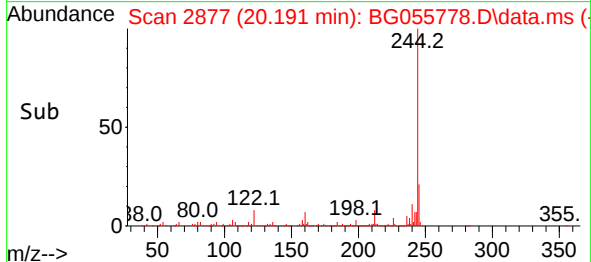
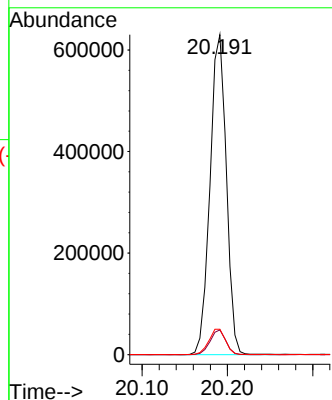


#79
 Terphenyl-d14
 Concen: 64.984 ng
 RT: 20.191 min Scan# 2879
 Delta R.T. -0.001 min
 Lab File: BG055778.D
 Acq: 25 Nov 2022 12:54

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 837289
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 7.9 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.297 min Scan# 3746
 Delta R.T. -0.007 min
 Lab File: BG055778.D
 Acq: 25 Nov 2022 12:54

Tgt Ion:264 Resp: 275084
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.5 17.1 25.7

