

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055440.D
 Acq On : 3 Nov 2022 16:36
 Operator : CG/JU
 Sample : N5404-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 551B-3

Quant Time: Nov 03 17:24:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

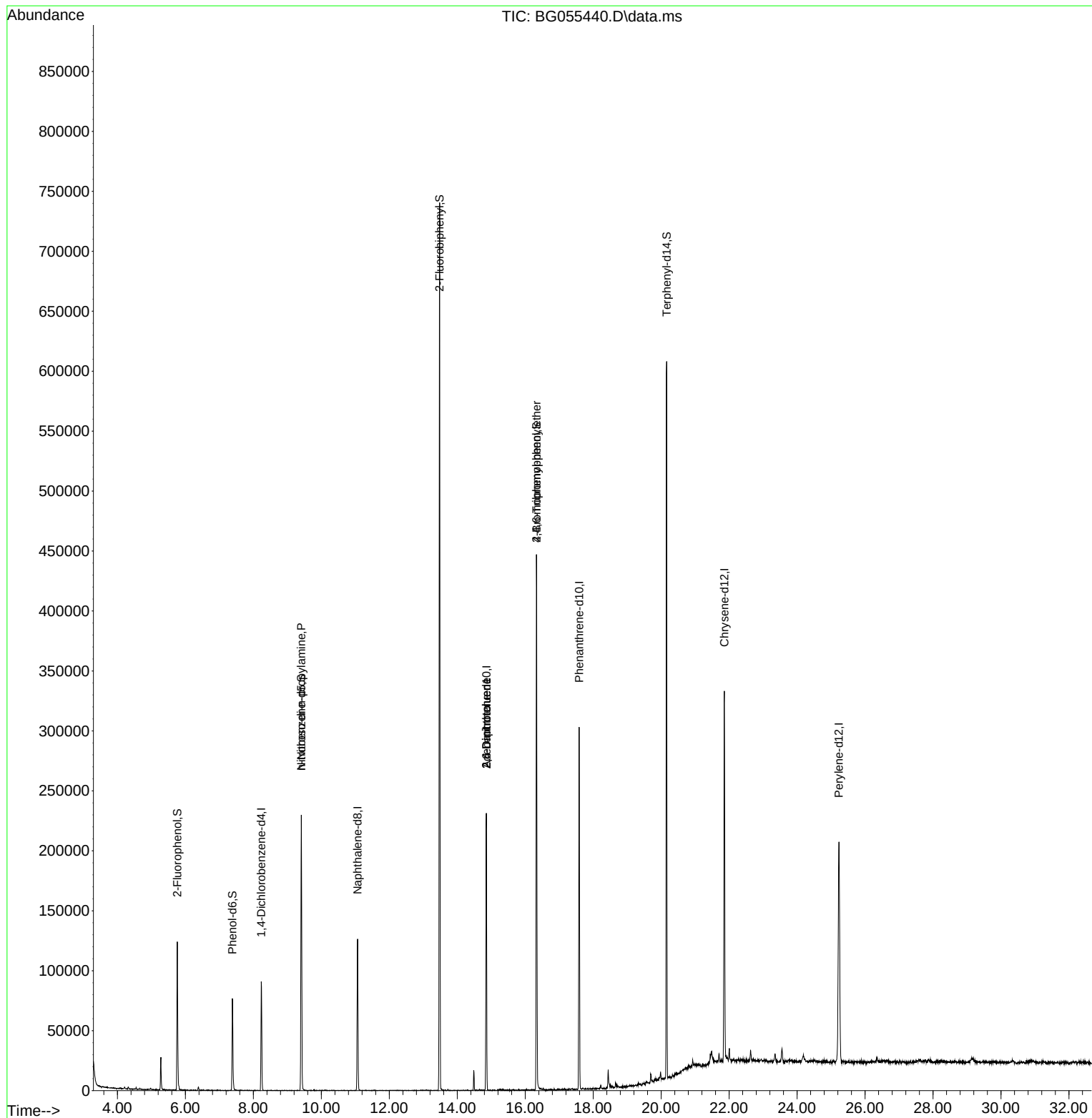
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	27928	20.000	ng	-0.01
21) Naphthalene-d8	11.067	136	115156	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	82562	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	196202	20.000	ng	0.00
76) Chrysene-d12	21.860	240	200096	20.000	ng	-0.01
86) Perylene-d12	25.233	264	218578	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	62161	39.971	ng	0.00
7) Phenol-d6	7.383	99	52439	24.316	ng	-0.01
23) Nitrobenzene-d5	9.410	82	145109	67.157	ng	-0.01
42) 2,4,6-Tribromophenol	16.337	330	100897	89.593	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	384725	69.089	ng	0.00
79) Terphenyl-d14	20.162	244	312940	30.412	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.410	70	19094	11.331	ng	# 80
51) 2,6-Dinitrotoluene	14.856	165	10643	7.377	ng	# 29
57) 2,4-Dinitrotoluene	14.856	165	10643	5.159	ng	# 26
67) 4-Bromophenyl-phenylether	16.337	248	5987	2.581	ng	# 1

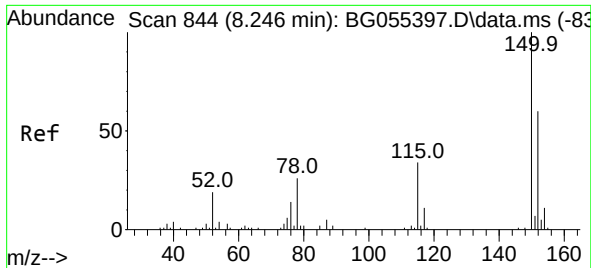
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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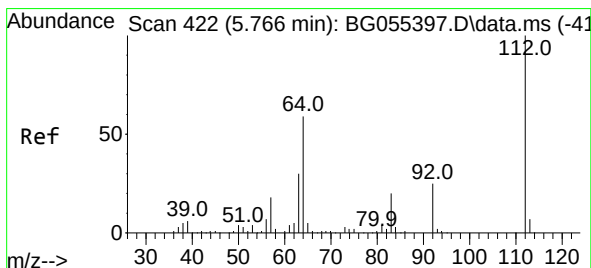
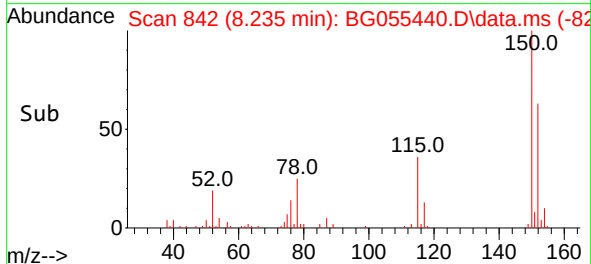
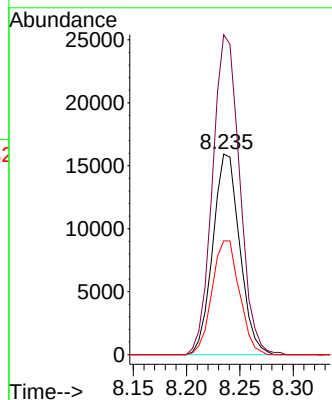
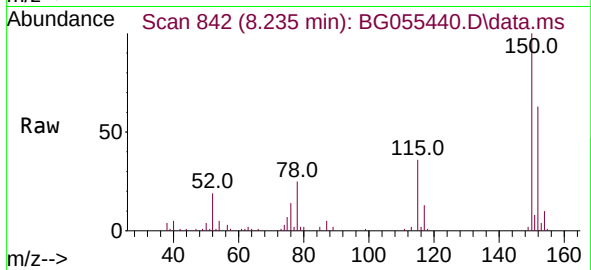




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 844
Delta R.T. -0.011 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

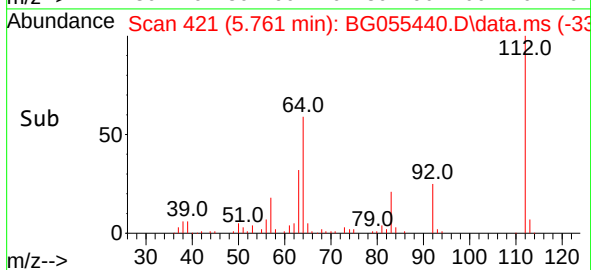
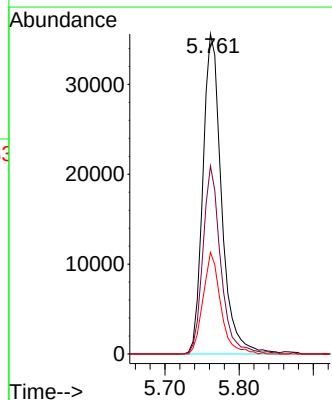
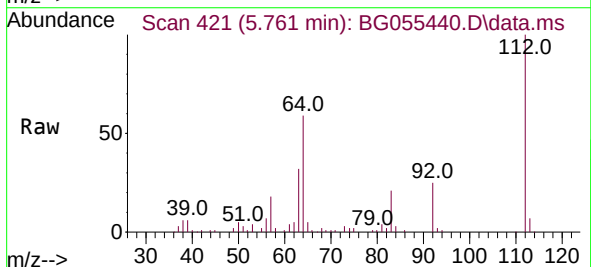
Instrument :
BNA_G
ClientSampleId :
551B-3

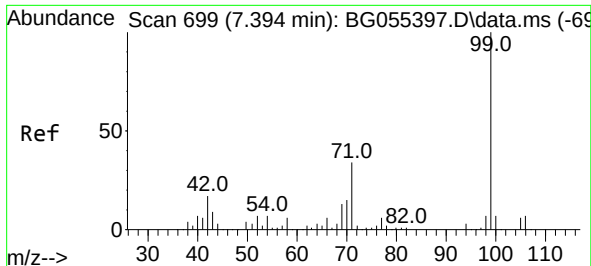
Tgt Ion:152 Resp: 27928
Ion Ratio Lower Upper
152 100
150 159.5 132.8 199.2
115 56.7 45.1 67.7



#5
2-Fluorophenol
Concen: 39.971 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.005 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

Tgt Ion:112 Resp: 62161
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 31.8 24.3 36.5

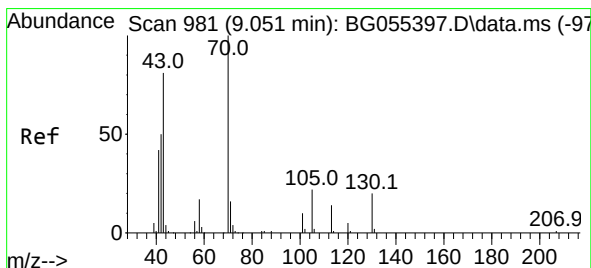
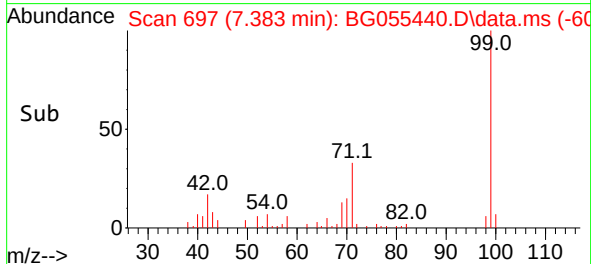
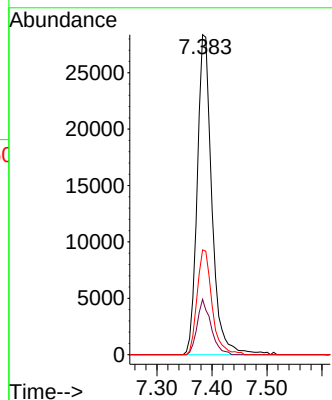
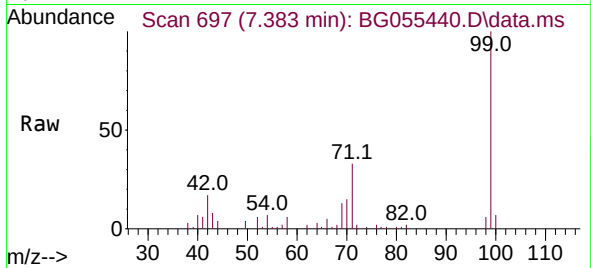




#7
Phenol-d6
Concen: 24.316 ng
RT: 7.383 min Scan# 697
Delta R.T. -0.011 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

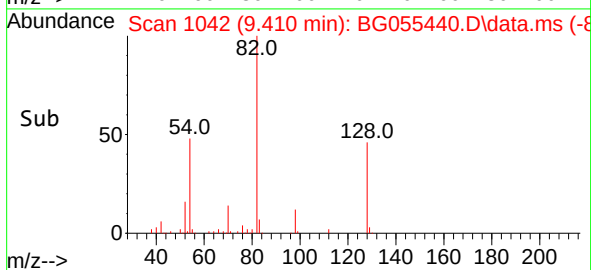
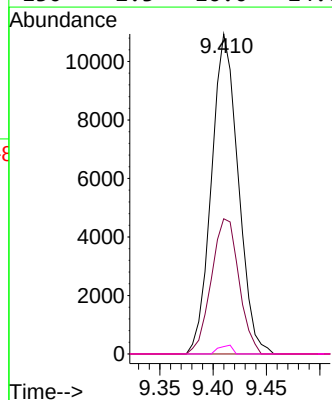
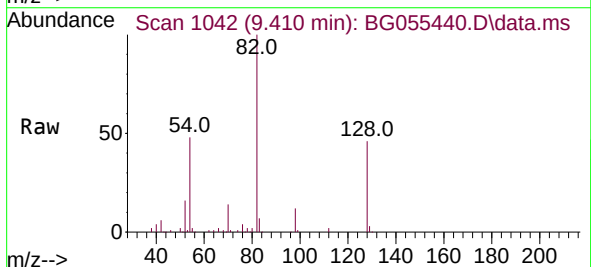
Instrument :
BNA_G
ClientSampleId :
551B-3

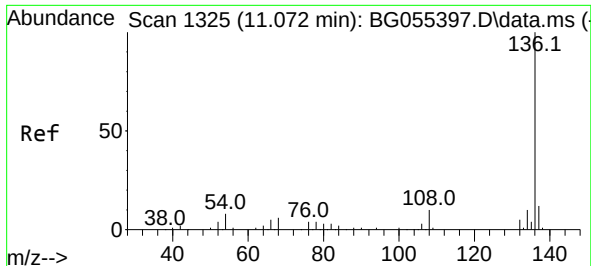
Tgt Ion: 99 Resp: 52439
Ion Ratio Lower Upper
99 100
42 17.3 13.5 20.3
71 32.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.331 ng
RT: 9.410 min Scan# 1042
Delta R.T. 0.359 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

Tgt Ion: 70 Resp: 19094
Ion Ratio Lower Upper
70 100
42 42.3 40.6 61.0
101 0.0 7.8 11.6#
130 2.3 16.0 24.0#

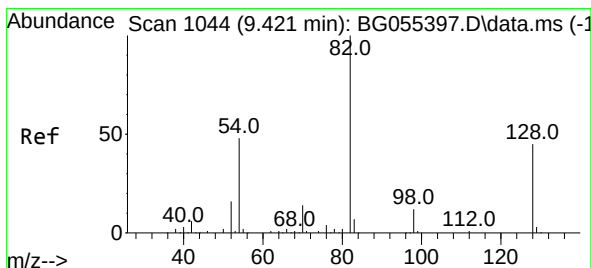
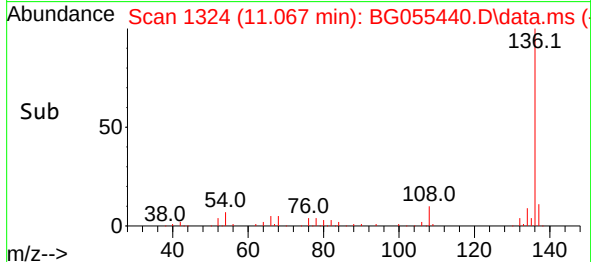
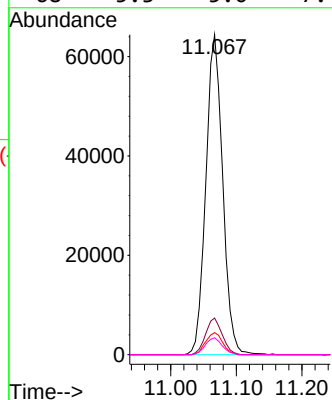
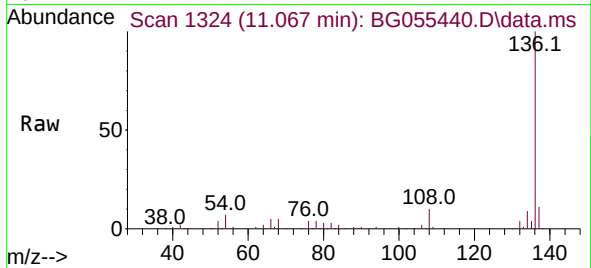




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

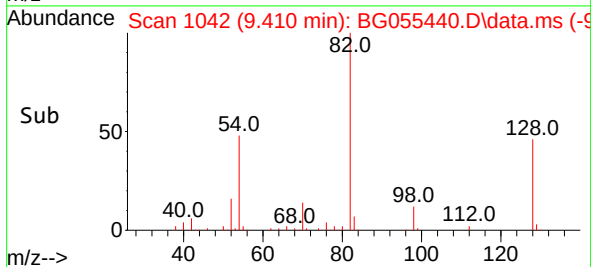
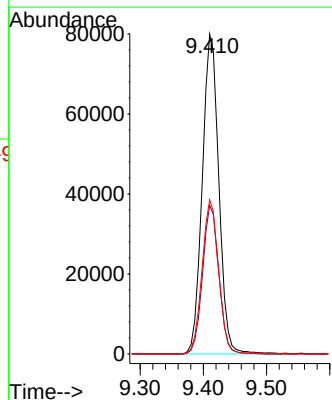
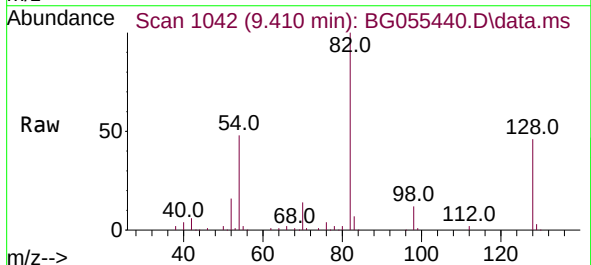
Instrument :
BNA_G
ClientSampleId :
551B-3

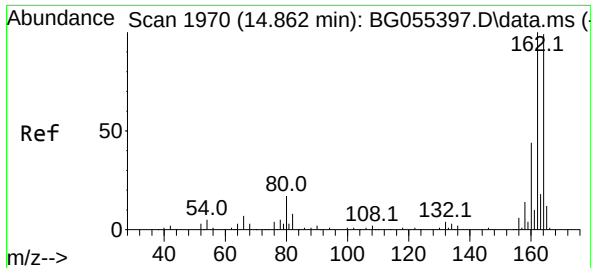
Tgt Ion:	136	Resp:	115156
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	6.9	6.1	9.1
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 67.157 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.011 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

Tgt Ion:	82	Resp:	145109
Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.8	53.8
54	48.2	38.1	57.1

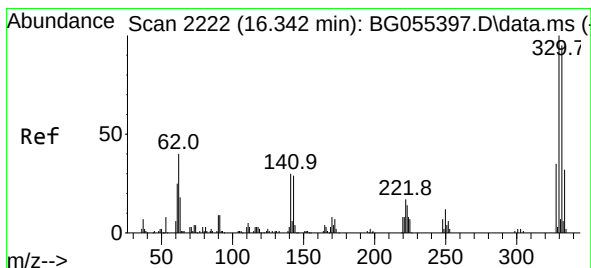
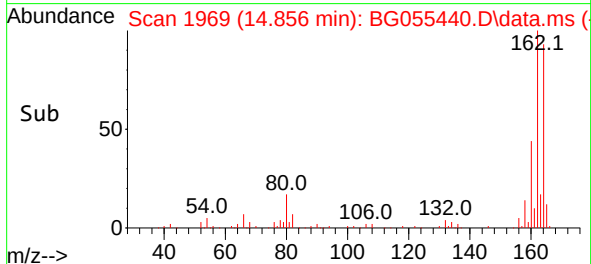
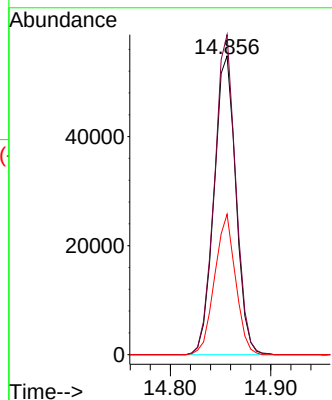
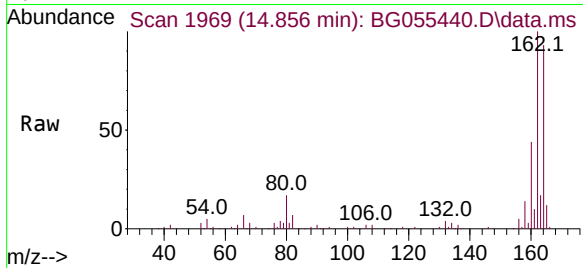




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

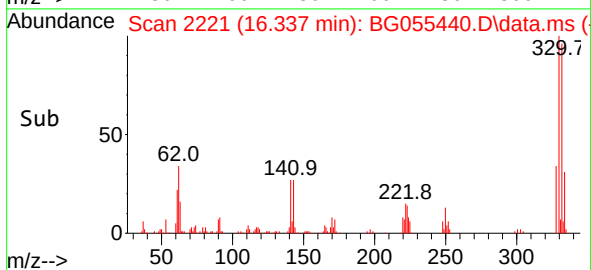
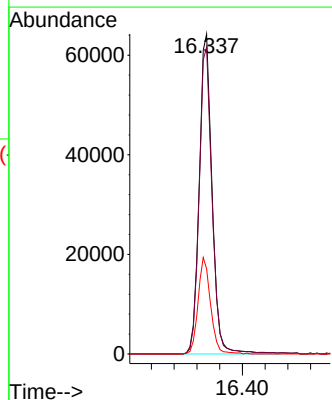
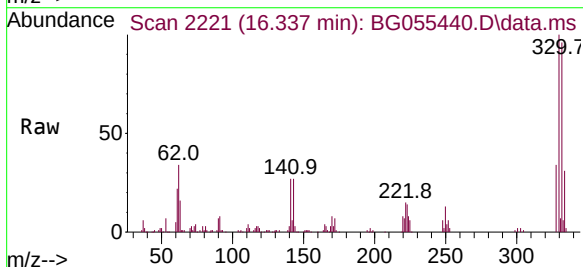
Instrument :
BNA_G
ClientSampleId :
551B-3

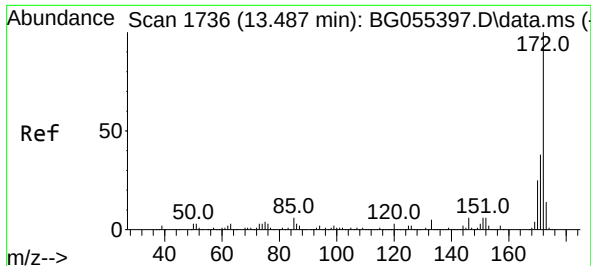
Tgt Ion:164 Resp: 82562
Ion Ratio Lower Upper
164 100
162 107.1 81.1 121.7
160 47.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 89.593 ng
RT: 16.337 min Scan# 2221
Delta R.T. -0.005 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

Tgt Ion:330 Resp: 100897
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.6
141 29.4 24.2 36.2

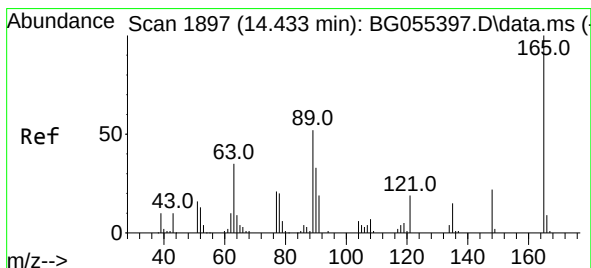
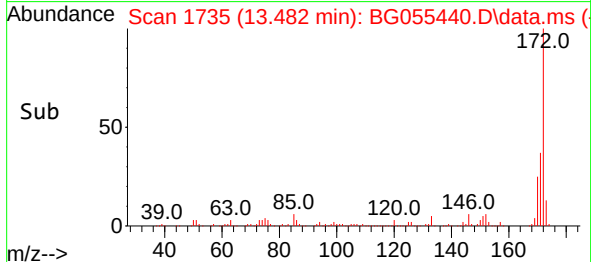
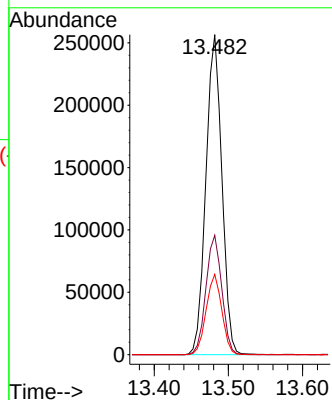
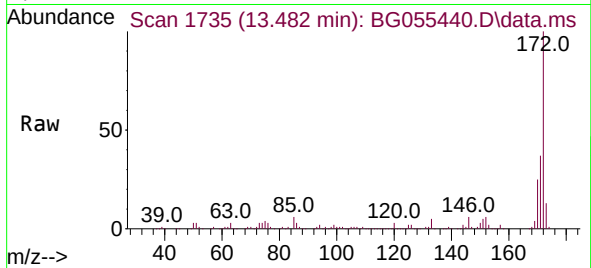




#45
2-Fluorobiphenyl
Concen: 69.089 ng
RT: 13.482 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

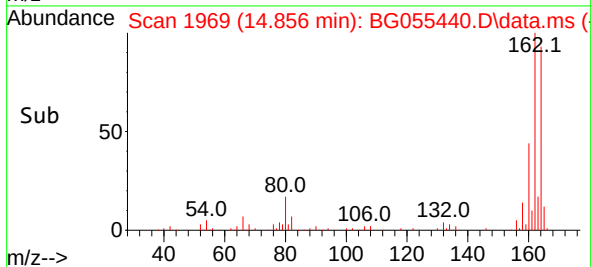
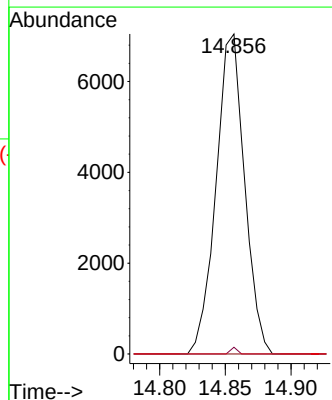
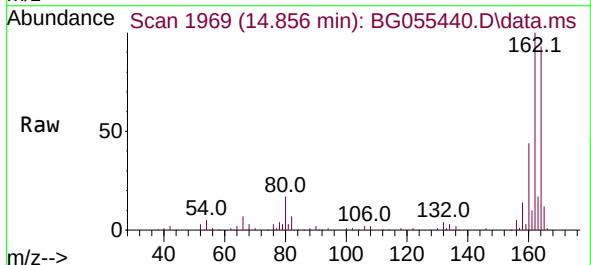
Instrument :
BNA_G
ClientSampleId :
551B-3

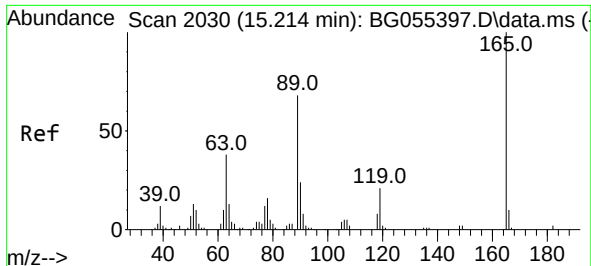
Tgt Ion:172 Resp: 384725
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.2
170 25.1 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.377 ng
RT: 14.856 min Scan# 1969
Delta R.T. 0.423 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

Tgt Ion:165 Resp: 10643
Ion Ratio Lower Upper
165 100
63 2.1 38.2 57.4#
89 0.0 41.8 62.6#

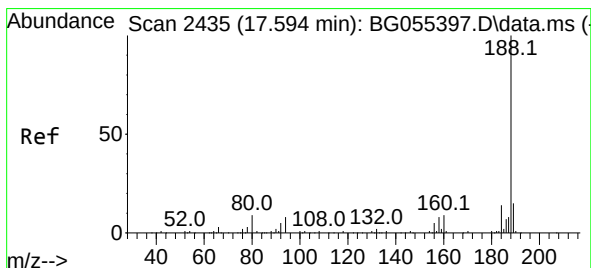
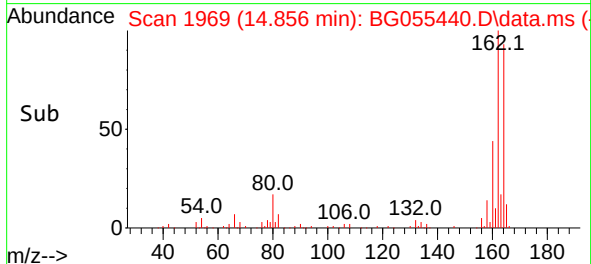
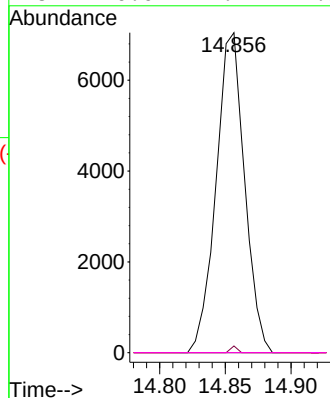
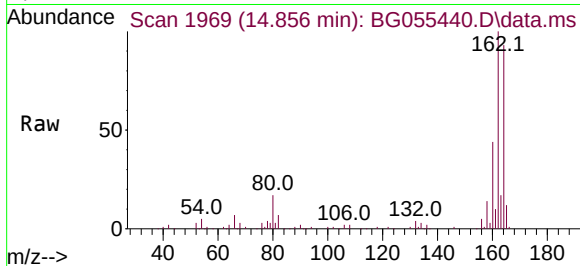




#57
2,4-Dinitrotoluene
Concen: 5.159 ng
RT: 14.856 min Scan# 1969
Delta R.T. -0.358 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

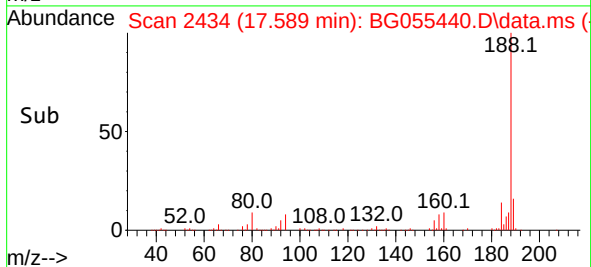
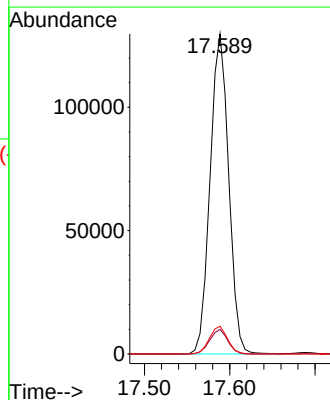
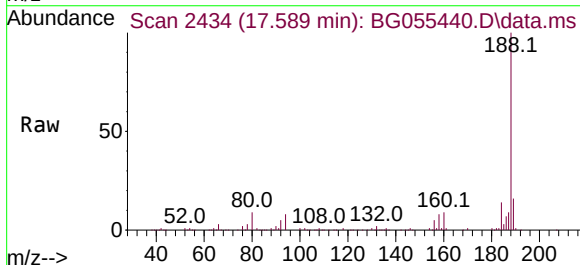
Instrument :
BNA_G
ClientSampleId :
551B-3

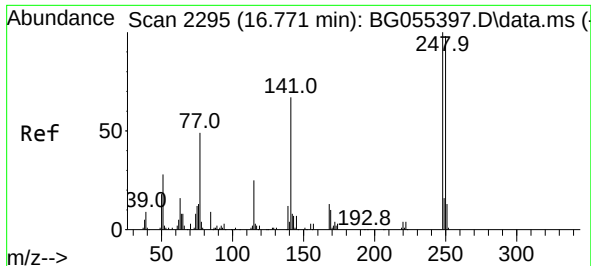
Tgt Ion:165 Resp: 10643
Ion Ratio Lower Upper
165 100
63 2.1 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.589 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

Tgt Ion:188 Resp: 196202
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.6 7.4 11.0

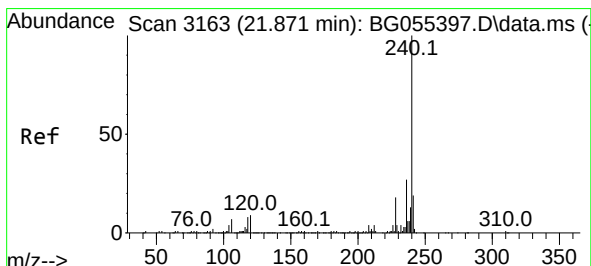
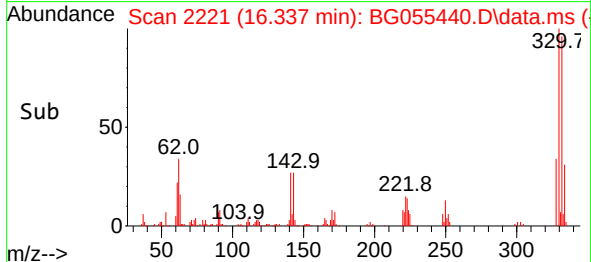
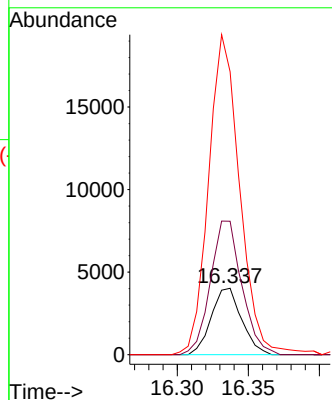
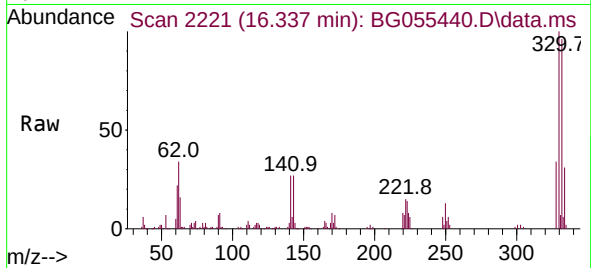




#67
4-Bromophenyl-phenylether
Concen: 2.581 ng
RT: 16.337 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

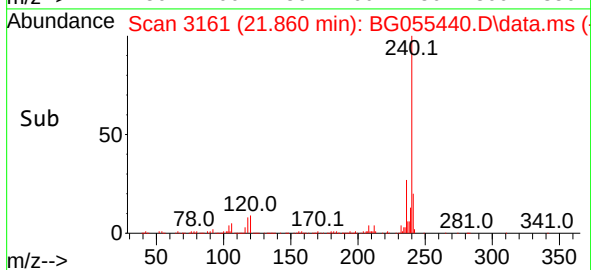
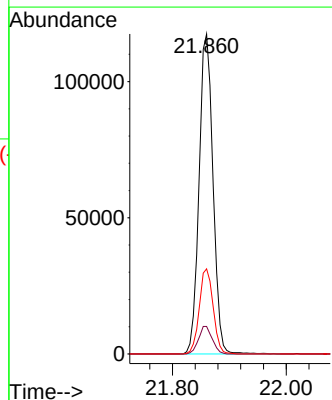
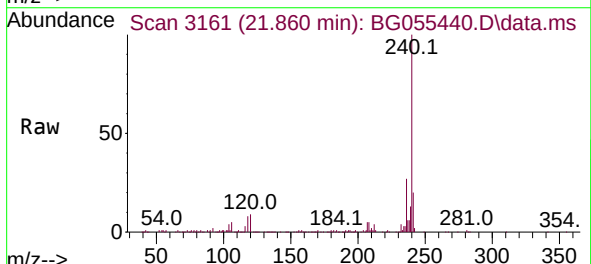
Instrument :
BNA_G
ClientSampleId :
551B-3

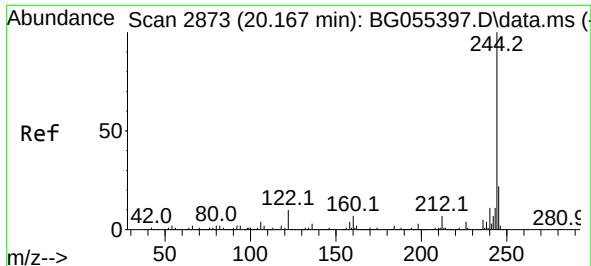
Tgt Ion:248 Resp: 5987
Ion Ratio Lower Upper
248 100
250 200.9 78.3 117.5#
141 426.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3161
Delta R.T. -0.011 min
Lab File: BG055440.D
Acq: 3 Nov 2022 16:36

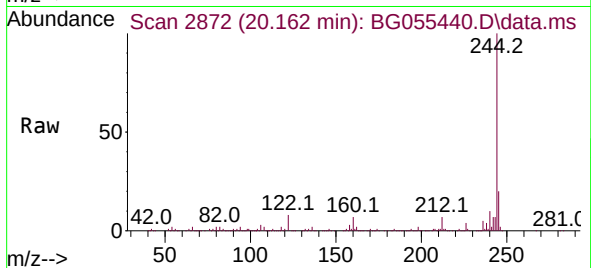
Tgt Ion:240 Resp: 200096
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.6 21.5 32.3



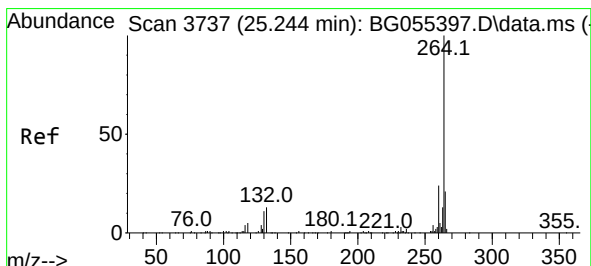
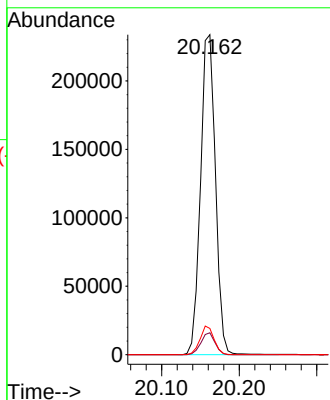
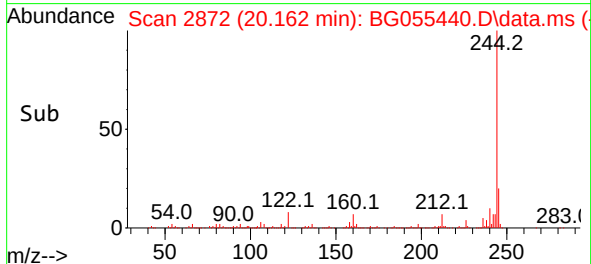


#79
 Terphenyl-d14
 Concen: 30.412 ng
 RT: 20.162 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055440.D
 Acq: 3 Nov 2022 16:36

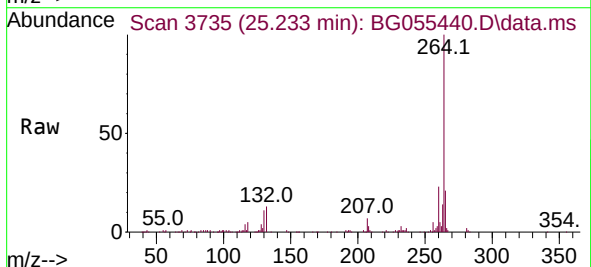
Instrument :
 BNA_G
 ClientSampleId :
 551B-3



Tgt Ion:244 Resp: 312940
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 8.2 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.233 min Scan# 3735
 Delta R.T. -0.011 min
 Lab File: BG055440.D
 Acq: 3 Nov 2022 16:36



Tgt Ion:264 Resp: 218578
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 20.7 17.1 25.7

