

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055729.D
 Acq On : 22 Nov 2022 00:33
 Operator : CG/JU
 Sample : N5664-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1

Quant Time: Nov 22 02:10:24 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 17 02:02:46 2022
 Response via : Initial Calibration

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

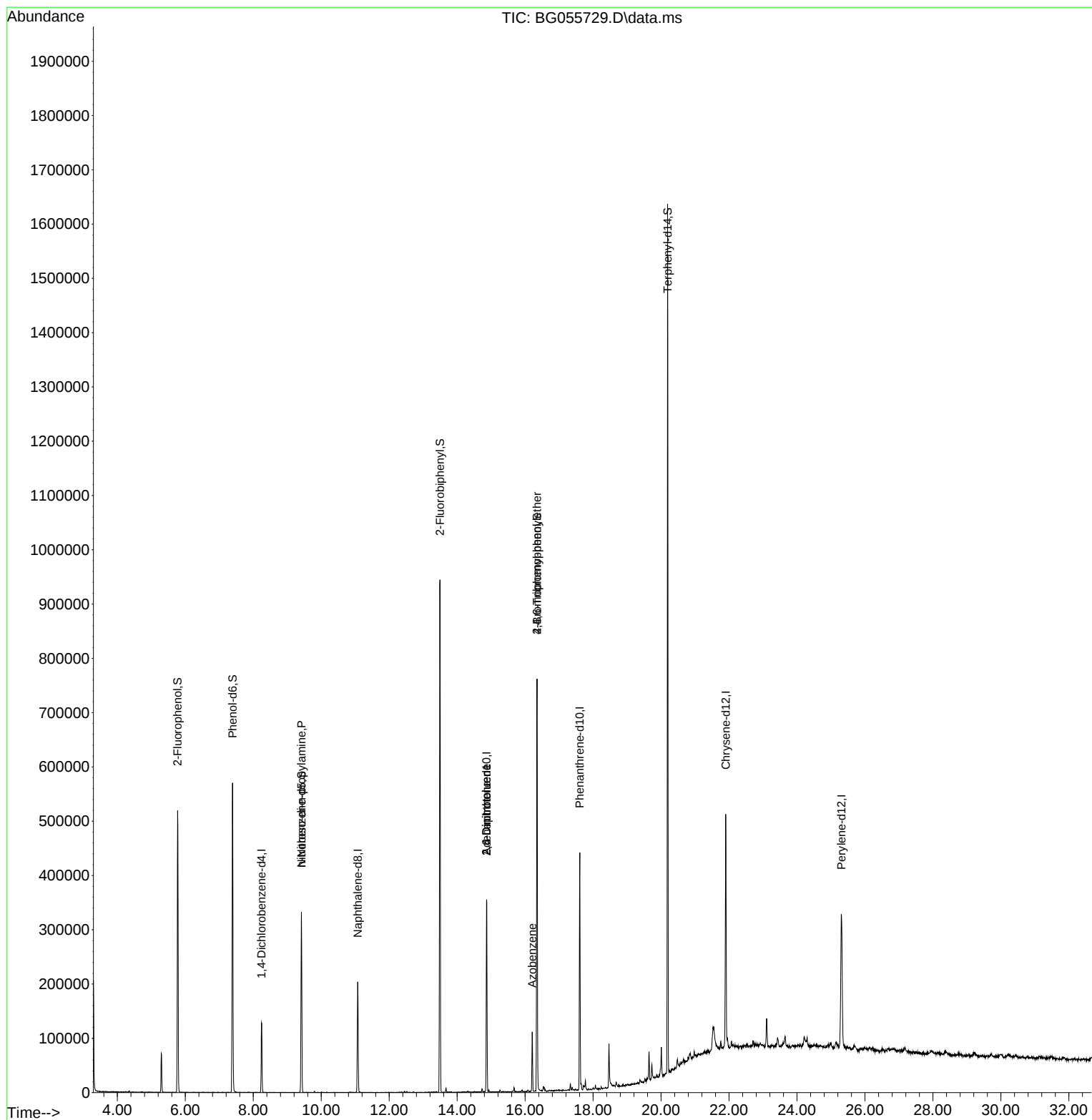
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	37321	20.000	ng	-0.01
21) Naphthalene-d8	11.073	136	178783	20.000	ng	-0.01
39) Acenaphthene-d10	14.863	164	131280	20.000	ng	-0.01
64) Phenanthrene-d10	17.607	188	282487	20.000	ng	-0.01
76) Chrysene-d12	21.902	240	262601	20.000	ng	-0.02
86) Perylene-d12	25.304	264	279640	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	227918	110.384	ng	0.00
7) Phenol-d6	7.389	99	319557	116.265	ng	0.00
23) Nitrobenzene-d5	9.417	82	195904	57.916	ng	-0.01
42) 2,4,6-Tribromophenol	16.350	330	161811	87.532	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	514606	58.725	ng	0.00
79) Terphenyl-d14	20.192	244	782879	59.629	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.417	70	26404	12.503	ng	# 72
51) 2,6-Dinitrotoluene	14.863	165	17172	8.025	ng	# 24
57) 2,4-Dinitrotoluene	14.863	165	17172	5.692	ng	# 22
63) Azobenzene	16.209	77	31392	3.398	ng	# 1
67) 4-Bromophenyl-phenylether	16.350	248	10577	3.286	ng	# 1

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

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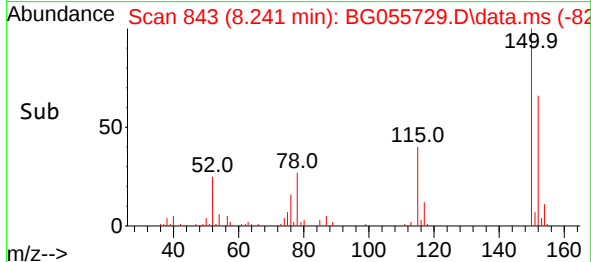
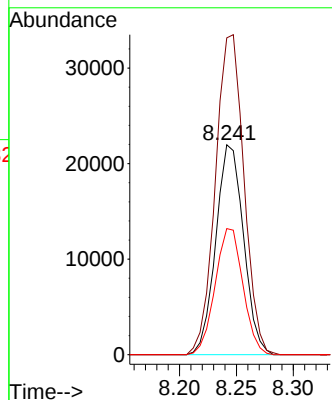
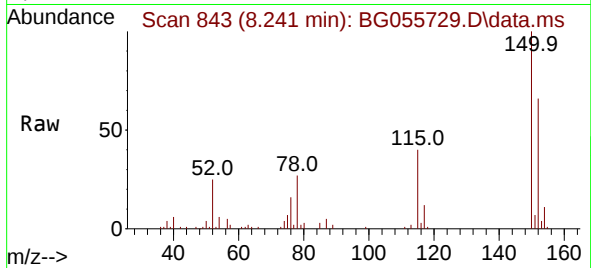




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

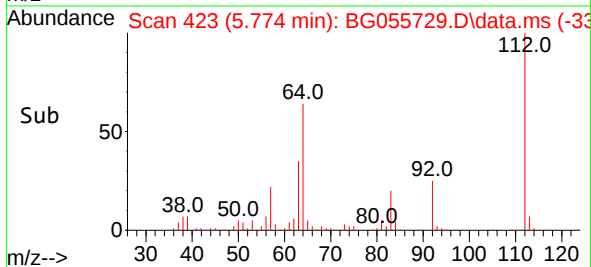
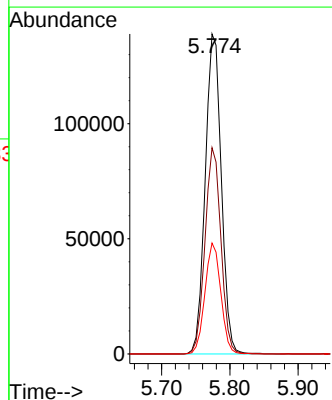
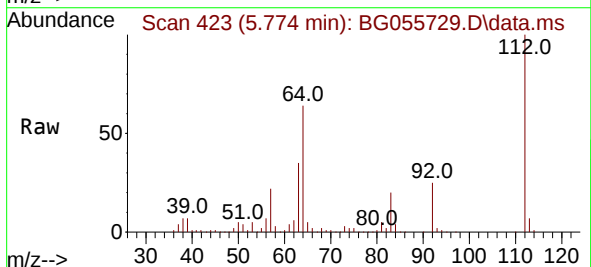
Instrument :
BNA_G
ClientSampleId :
B-1

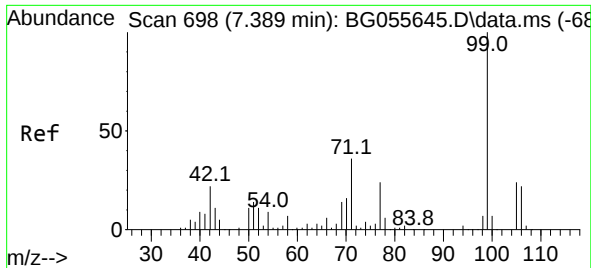
Tgt Ion:152 Resp: 37321
Ion Ratio Lower Upper
152 100
150 150.9 123.0 184.6
115 60.0 47.0 70.4



#5
2-Fluorophenol
Concen: 110.384 ng
RT: 5.774 min Scan# 423
Delta R.T. -0.005 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion:112 Resp: 227918
Ion Ratio Lower Upper
112 100
64 64.5 50.6 76.0
63 34.6 27.5 41.3

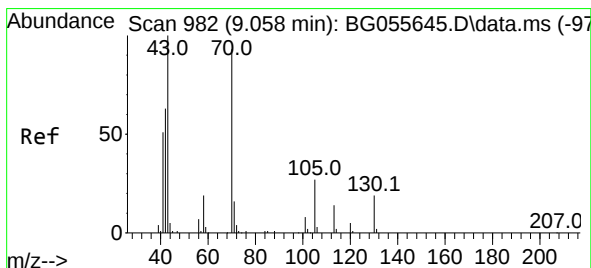
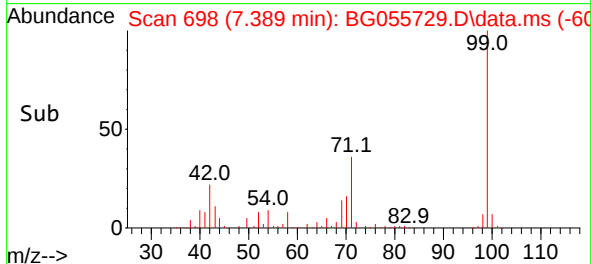
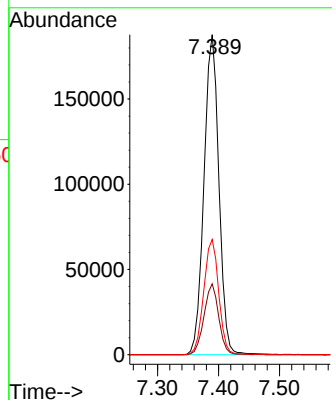
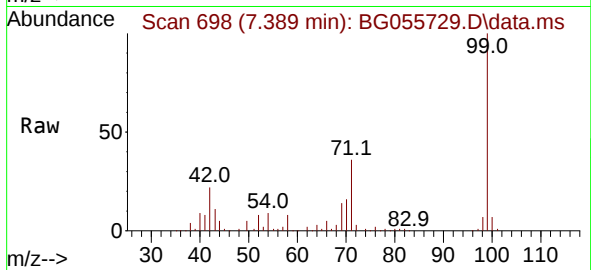




#7
Phenol-d6
Concen: 116.265 ng
RT: 7.389 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

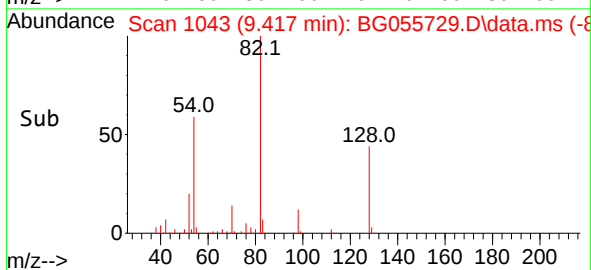
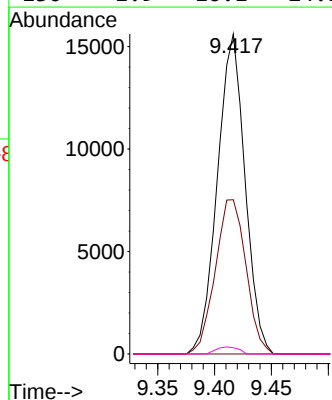
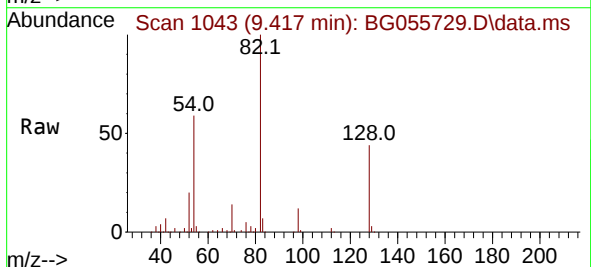
Instrument :
BNA_G
ClientSampleId :
B-1

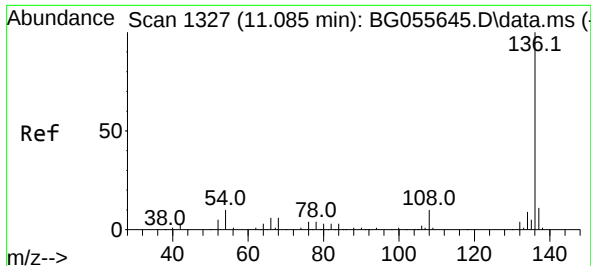
Tgt Ion: 99 Resp: 319557
Ion Ratio Lower Upper
99 100
42 22.1 18.0 27.0
71 36.0 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.503 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.359 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion: 70 Resp: 26404
Ion Ratio Lower Upper
70 100
42 48.2 55.2 82.8#
101 0.0 7.1 10.7#
130 1.9 16.1 24.1#

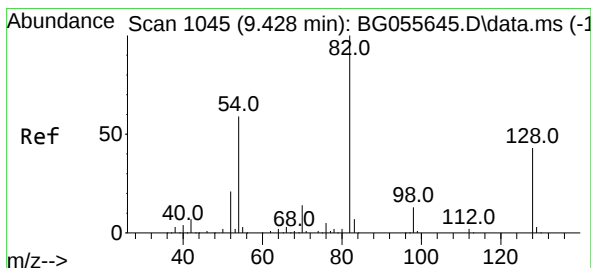
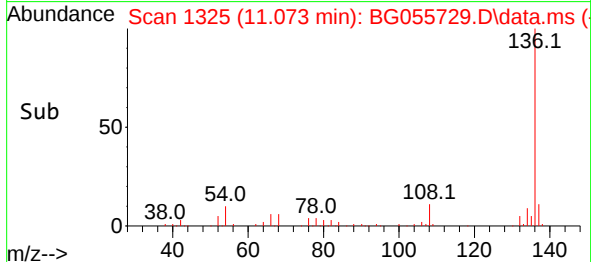
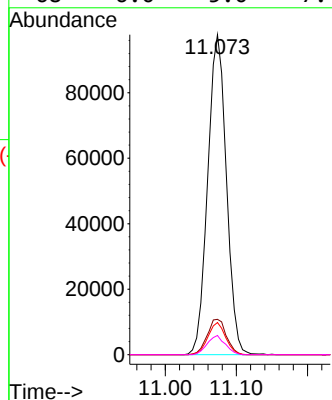
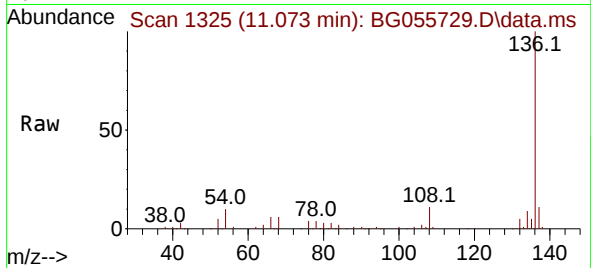




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

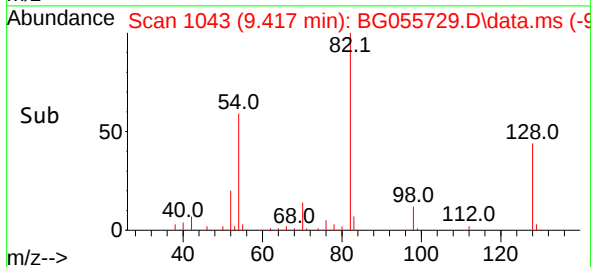
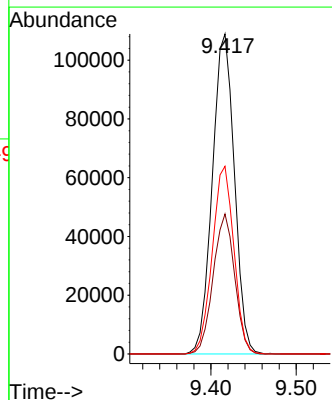
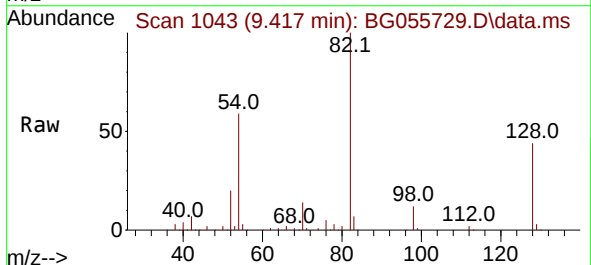
Instrument :
BNA_G
ClientSampleId :
B-1

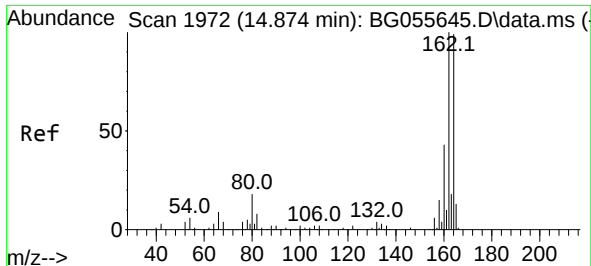
Tgt Ion:	136	Resp:	178783
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	10.0	7.8	11.6
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 57.916 ng
RT: 9.417 min Scan# 1043
Delta R.T. -0.011 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion:	82	Resp:	195904
Ion Ratio	Lower	Upper	
82	100		
128	43.8	34.1	51.1
54	58.6	47.3	70.9

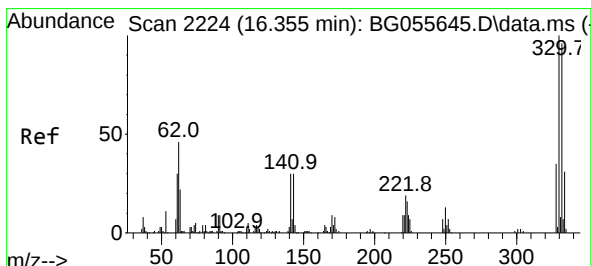
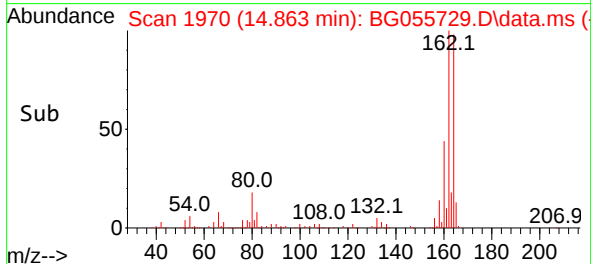
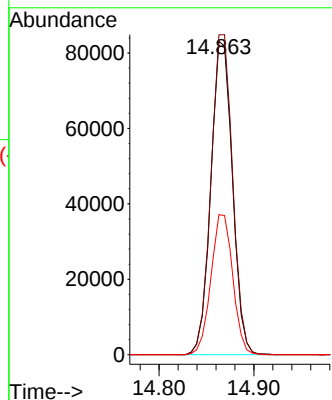
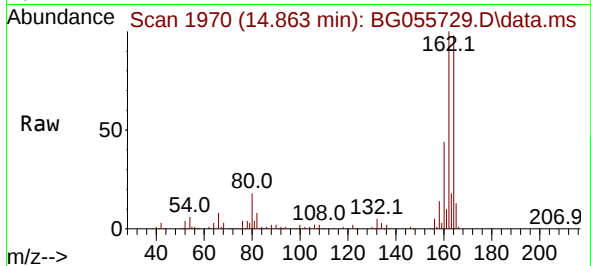




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

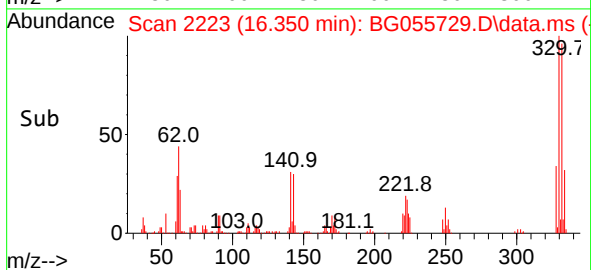
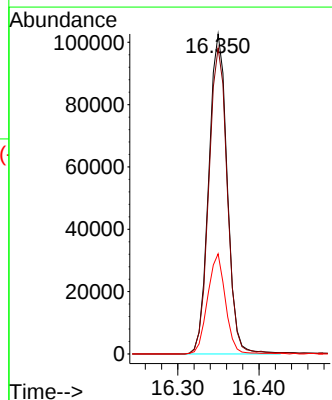
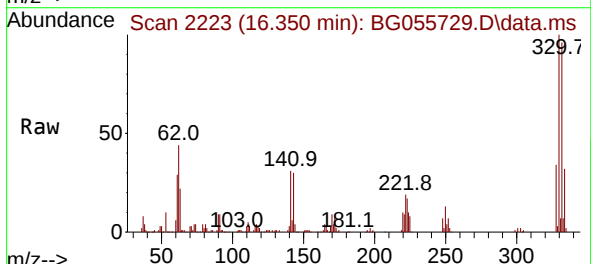
Instrument :
BNA_G
ClientSampleId :
B-1

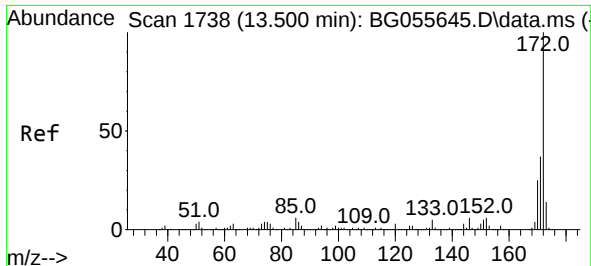
Tgt Ion:164 Resp: 131280
Ion Ratio Lower Upper
164 100
162 102.1 81.1 121.7
160 44.7 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 87.532 ng
RT: 16.350 min Scan# 2223
Delta R.T. -0.005 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion:330 Resp: 161811
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 30.3 23.9 35.9

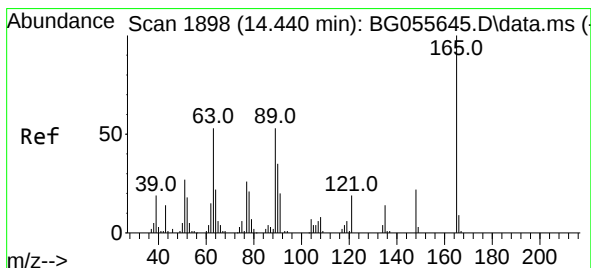
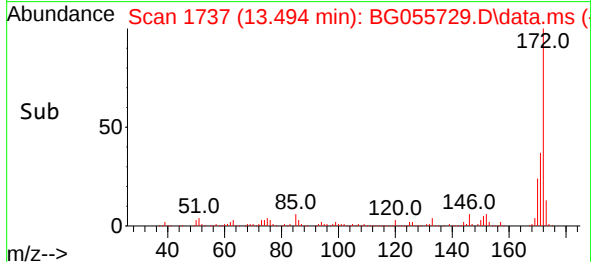
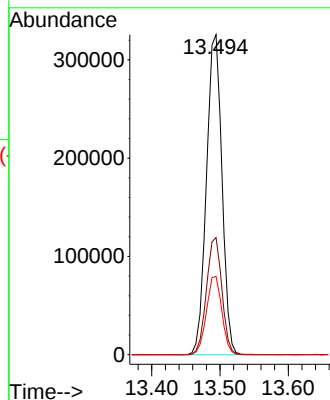
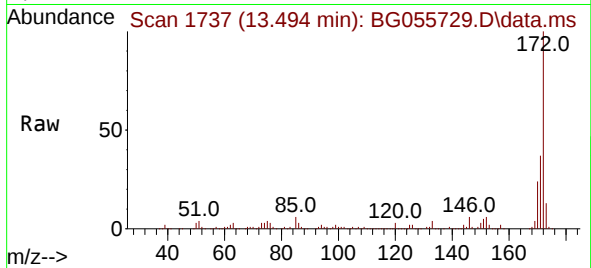




#45
2-Fluorobiphenyl
Concen: 58.725 ng
RT: 13.494 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

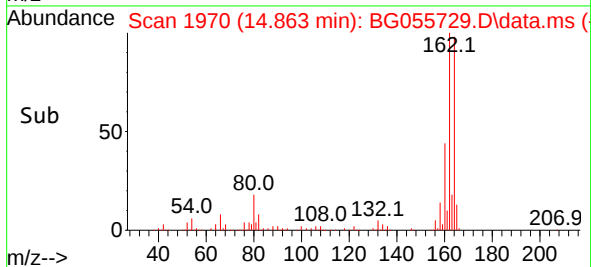
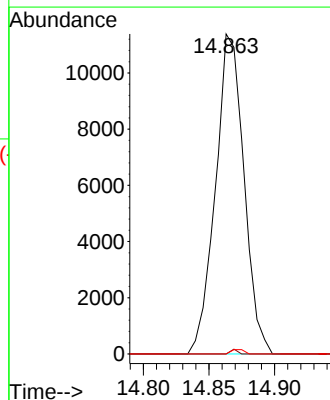
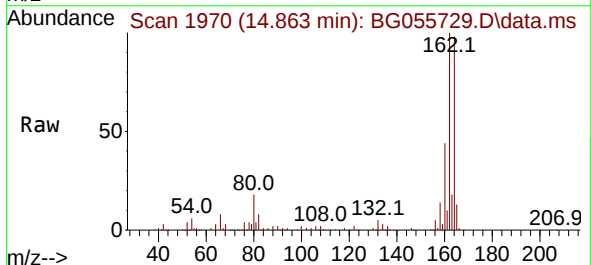
Instrument :
BNA_G
ClientSampleId :
B-1

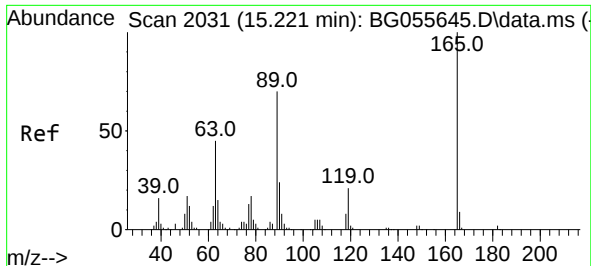
Tgt Ion:172 Resp: 514606
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.025 ng
RT: 14.863 min Scan# 1970
Delta R.T. 0.423 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion:165 Resp: 17172
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: 5.692 ng

RT: 14.863 min Scan# 14

Delta R.T. -0.358 min

Lab File: BG055729.D

Acq: 22 Nov 2022 00:33

Instrument :

BNA_G

ClientSampleId :

B-1

Tgt Ion:165 Resp: 17172

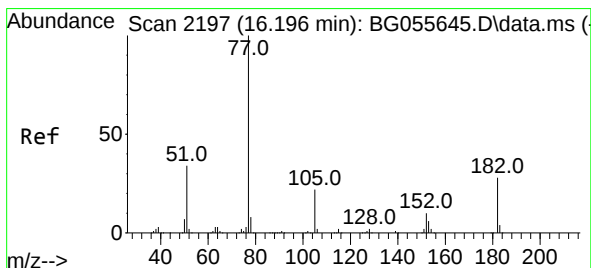
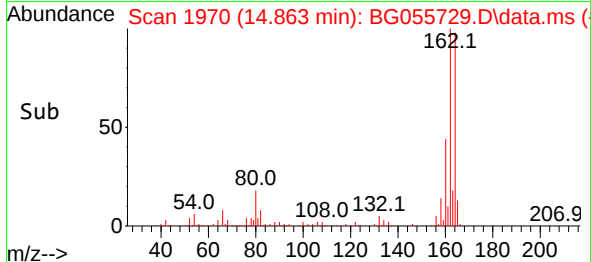
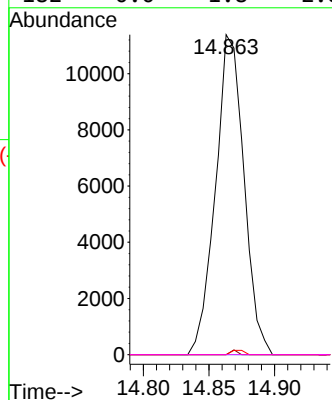
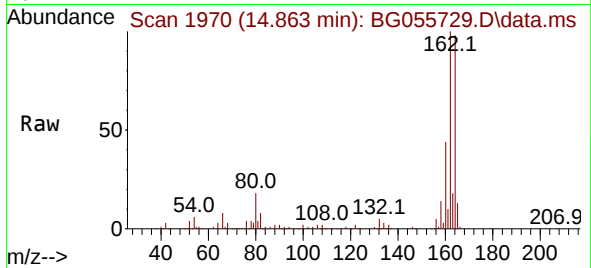
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#63

Azobenzene

Concen: 3.398 ng

RT: 16.209 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BG055729.D

Acq: 22 Nov 2022 00:33

Tgt Ion: 77 Resp: 31392

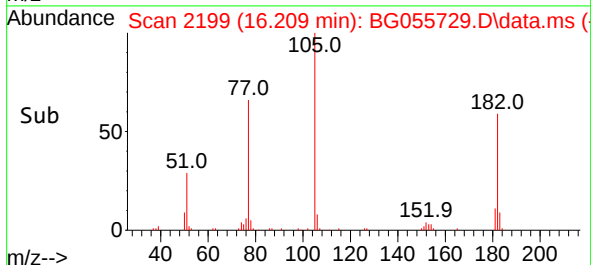
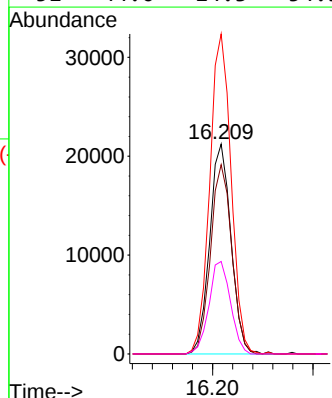
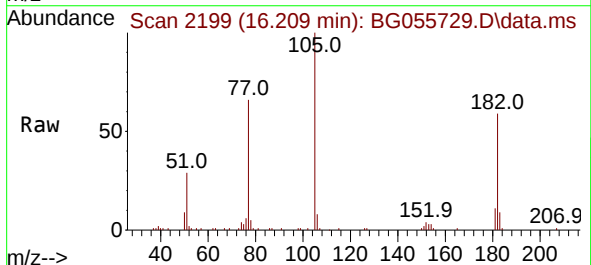
Ion Ratio Lower Upper

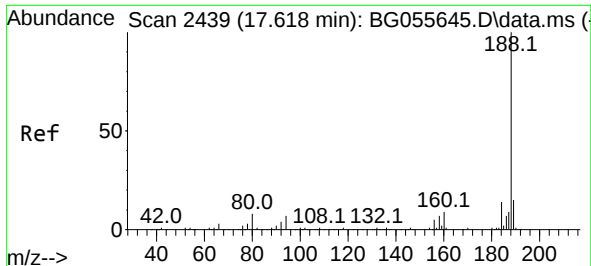
77 100

182 90.2 8.1 48.1#

105 152.4 1.8 41.8#

51 44.0 14.3 54.3

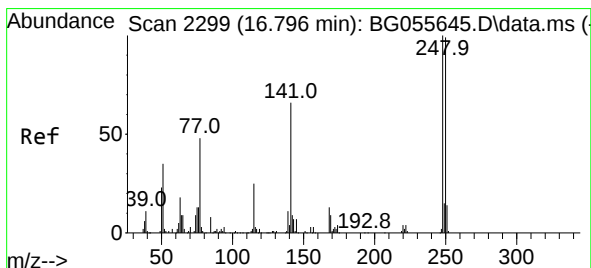
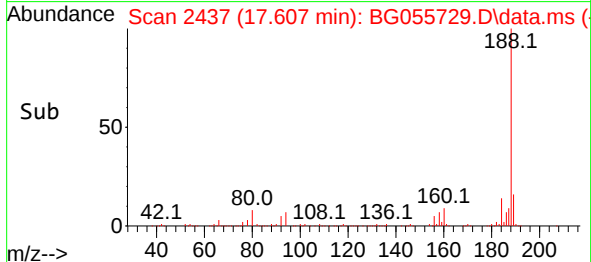
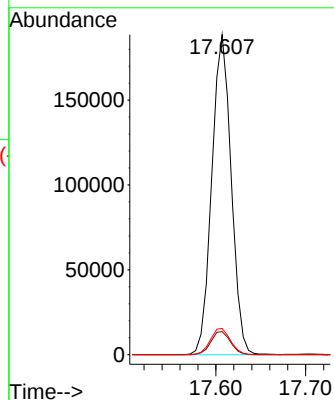
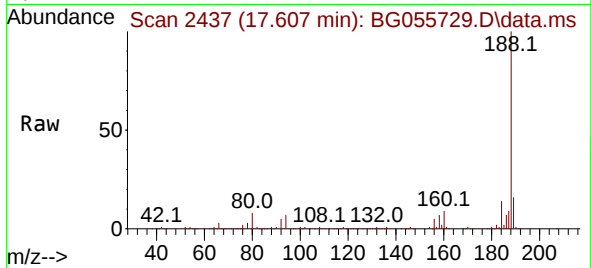




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2439
Delta R.T. -0.011 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

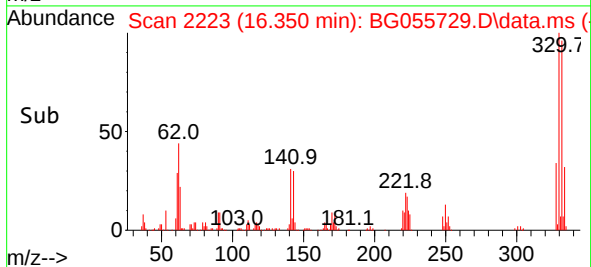
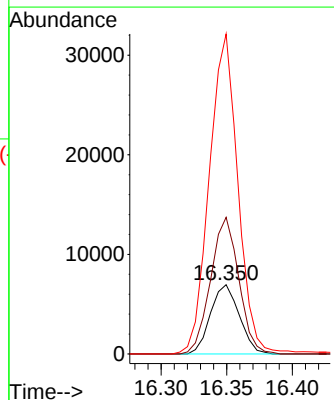
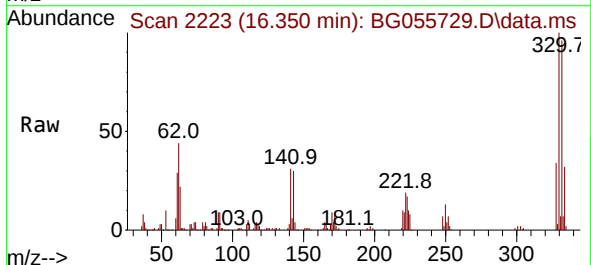
Instrument :
BNA_G
ClientSampleId :
B-1

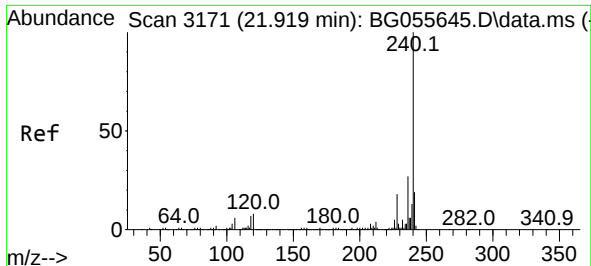
Tgt Ion:188 Resp: 282487
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.2
80 8.2 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.286 ng
RT: 16.350 min Scan# 2223
Delta R.T. -0.446 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion:248 Resp: 10577
Ion Ratio Lower Upper
248 100
250 197.2 79.0 118.4#
141 462.0 52.9 79.3#

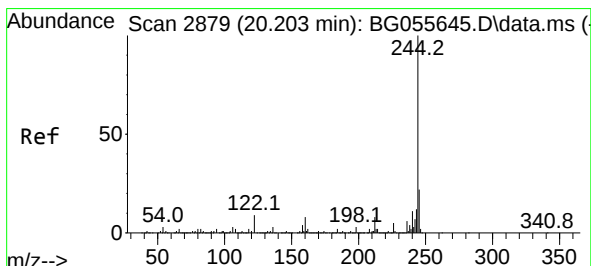
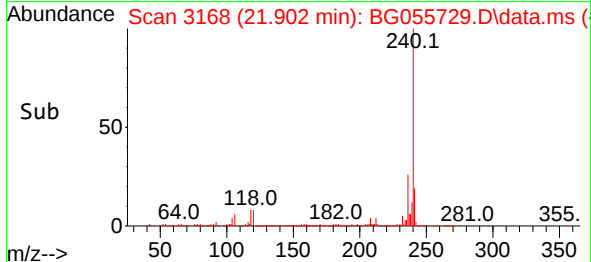
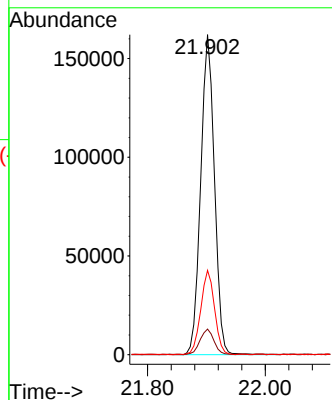
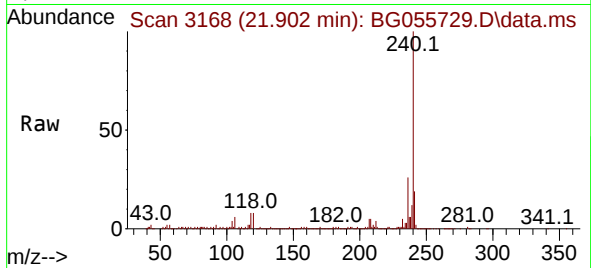




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3171
Delta R.T. -0.017 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

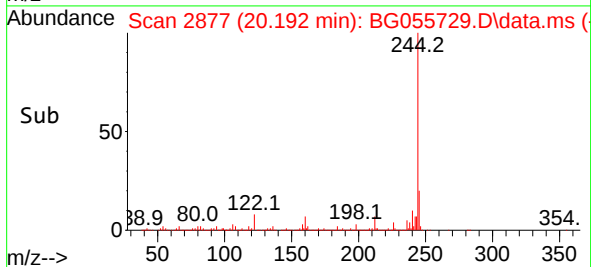
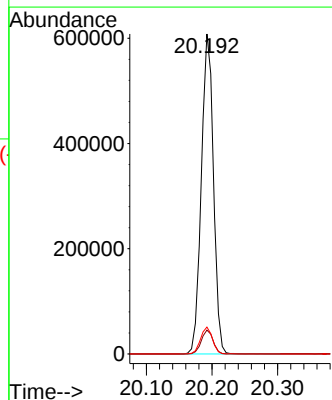
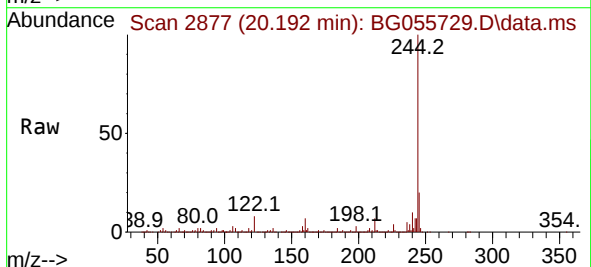
Instrument :
BNA_G
ClientSampleId :
B-1

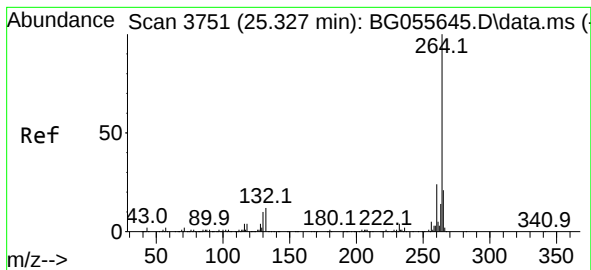
Tgt Ion:240 Resp: 262601
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.4 21.9 32.9



#79
Terphenyl-d14
Concen: 59.629 ng
RT: 20.192 min Scan# 2877
Delta R.T. -0.011 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Tgt Ion:244 Resp: 782879
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 8.4 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.304 min Scan# 31
Delta R.T. -0.023 min
Lab File: BG055729.D
Acq: 22 Nov 2022 00:33

Instrument :
BNA_G
ClientSampleId :
B-1

Tgt Ion:264 Resp: 279640

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.7	17.1	25.7

