

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054793.D
 Acq On : 30 Aug 2022 17:18
 Operator : CG/JU
 Sample : N4375-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Aug 31 02:08:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

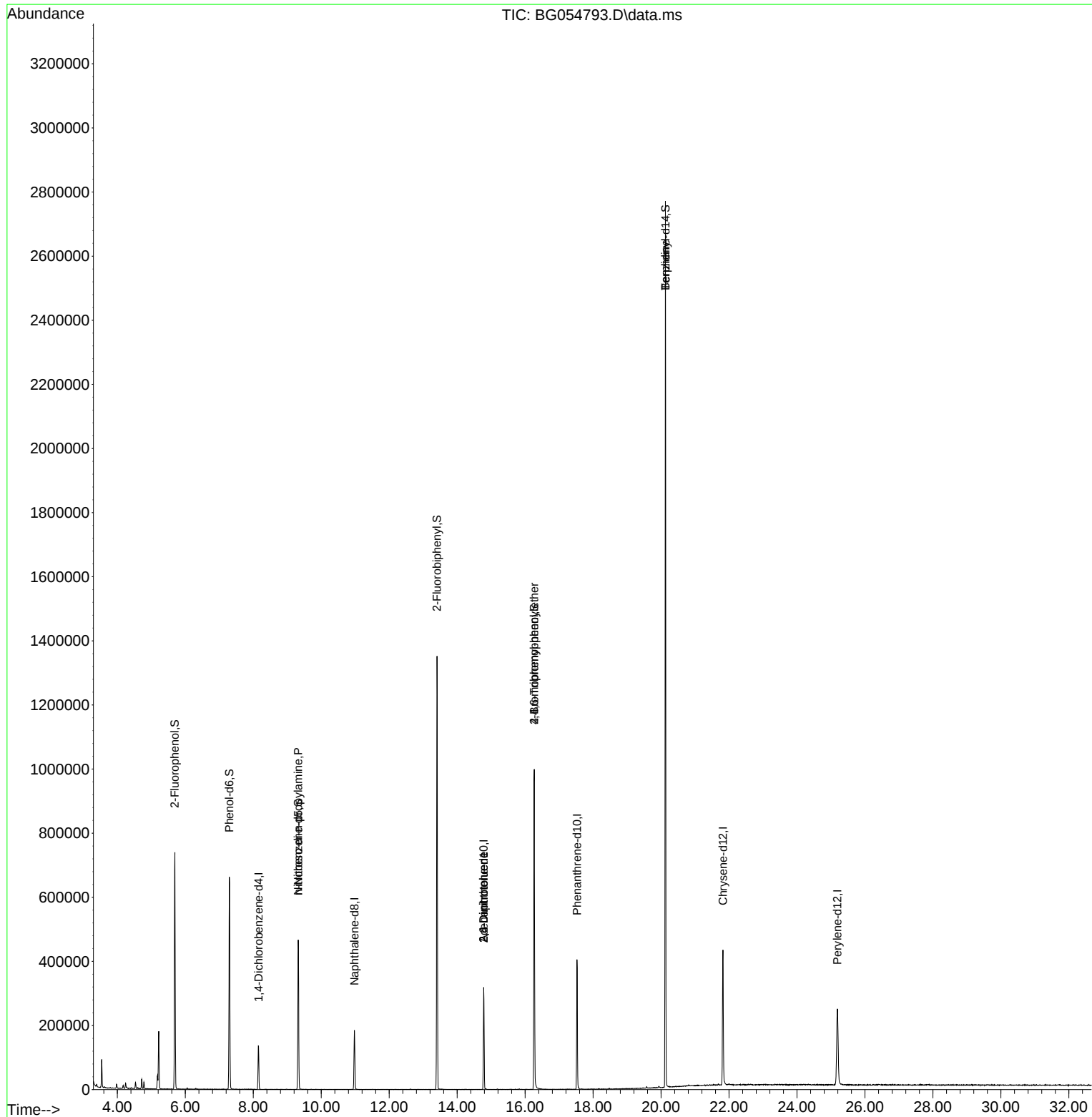
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	42230	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	169782	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	116095	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	272772	20.000	ng	0.00
76) Chrysene-d12	21.819	240	275793	20.000	ng	0.00
86) Perylene-d12	25.186	264	283400	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	337774	139.282	ng	0.00
7) Phenol-d6	7.295	99	420072	126.659	ng	0.00
23) Nitrobenzene-d5	9.322	82	300518	92.920	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	222021	153.046	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	720896	93.330	ng	0.00
79) Terphenyl-d14	20.127	244	1326339	95.289	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.322	70	38058	16.687	ng	# 81
51) 2,6-Dinitrotoluene	14.781	165	15310	8.369	ng	# 22
57) 2,4-Dinitrotoluene	14.781	165	15310	6.050	ng	# 19
67) 4-Bromophenyl-phenylether	16.267	248	14807	4.944	ng	# 1
77) Benzidine	20.127	184	19805	2.899	ng	# 91

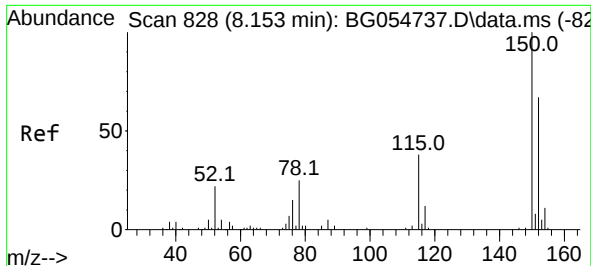
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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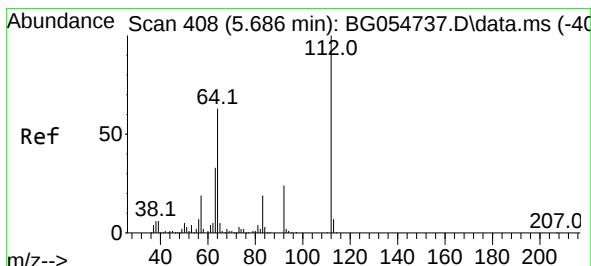
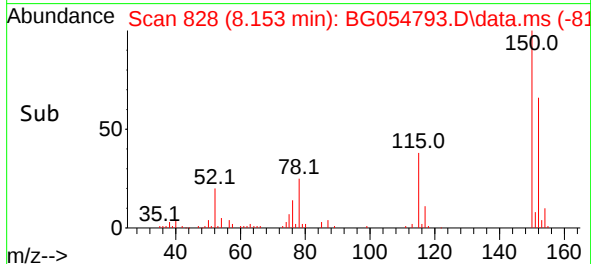
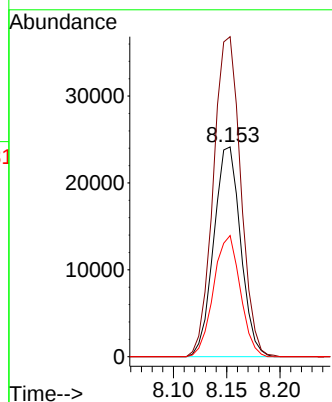
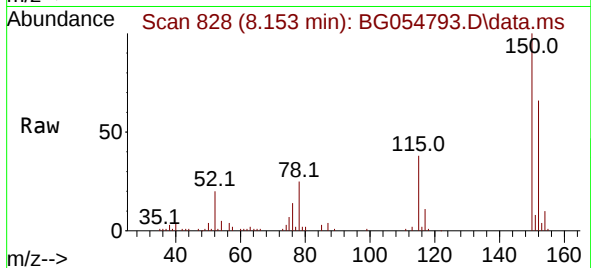




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

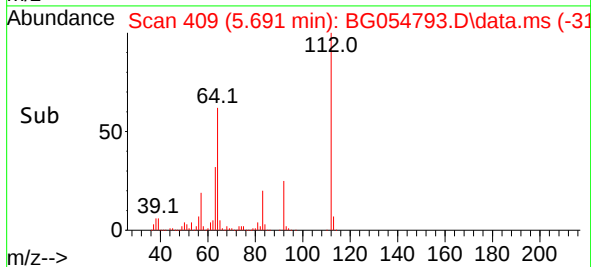
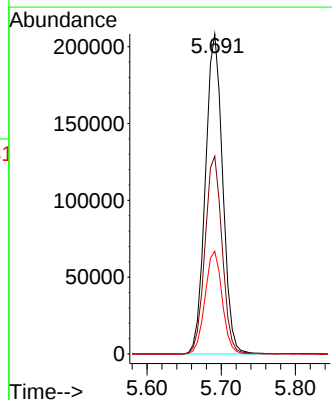
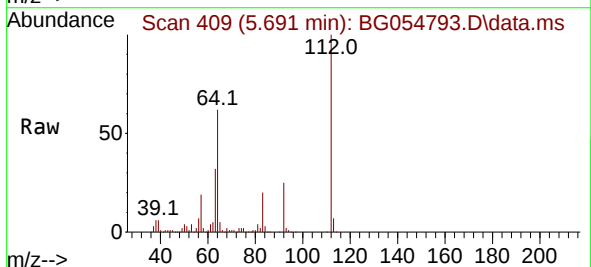
Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:152 Resp: 42230
Ion Ratio Lower Upper
152 100
150 152.5 125.2 187.8
115 57.7 47.9 71.9



#5
2-Fluorophenol
Concen: 139.282 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion:112 Resp: 337774
Ion Ratio Lower Upper
112 100
64 61.9 49.3 73.9
63 32.1 26.3 39.5

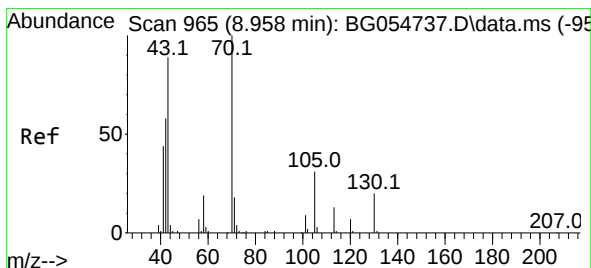
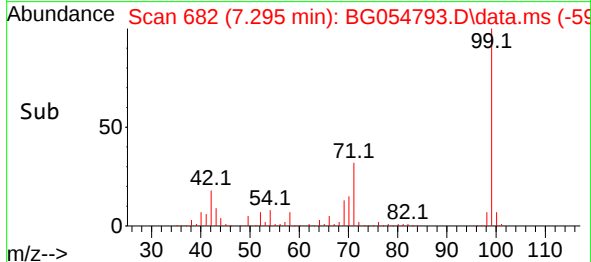
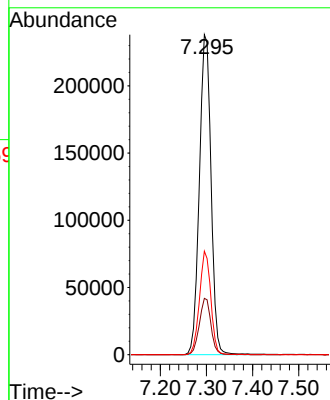
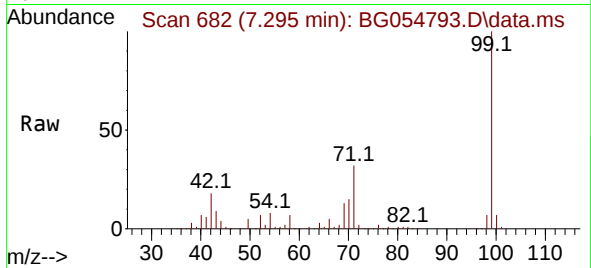




#7
Phenol-d6
Concen: 126.659 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

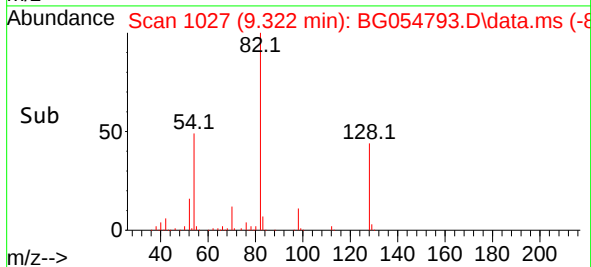
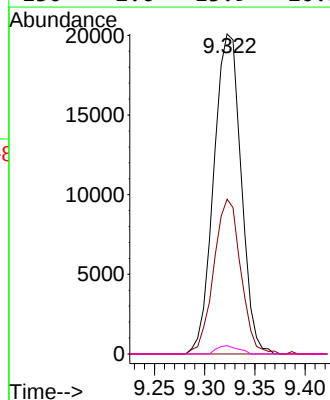
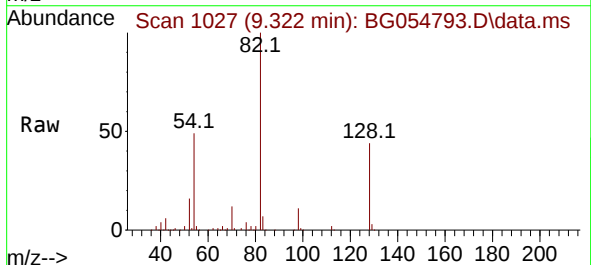
Instrument :
BNA_G
ClientSampleId :
WC-3

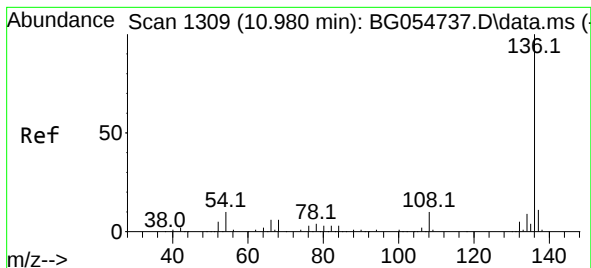
Tgt Ion: 99 Resp: 420072
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 32.3 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.687 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion: 70 Resp: 38058
Ion Ratio Lower Upper
70 100
42 48.3 46.6 69.8
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#

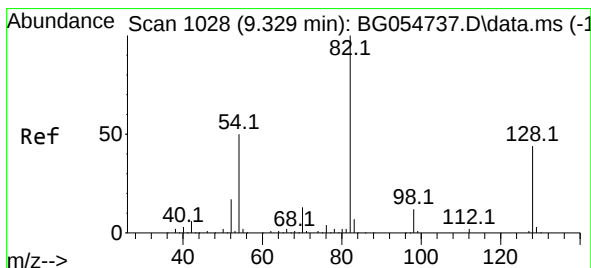
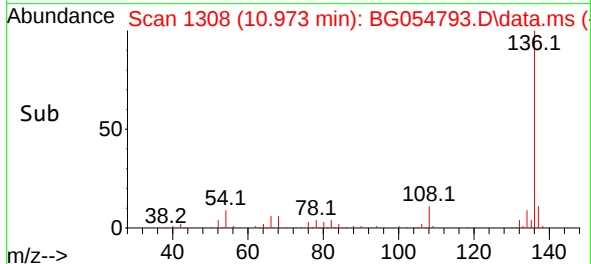
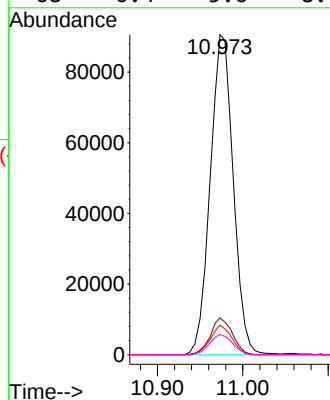
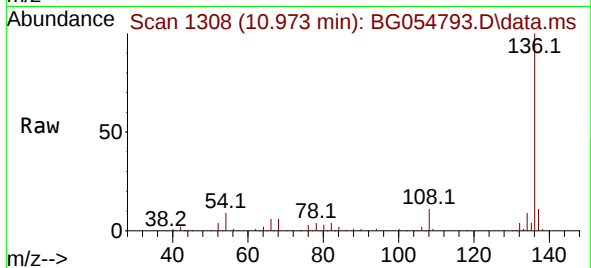




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

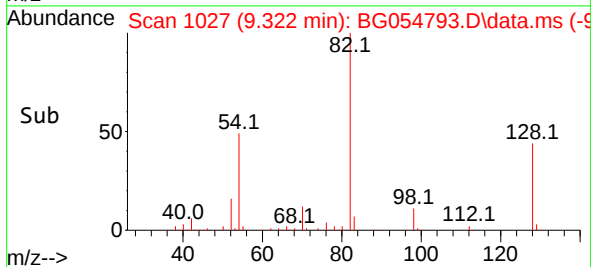
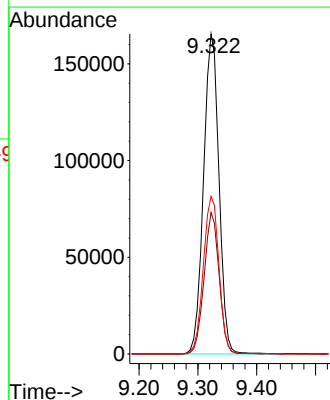
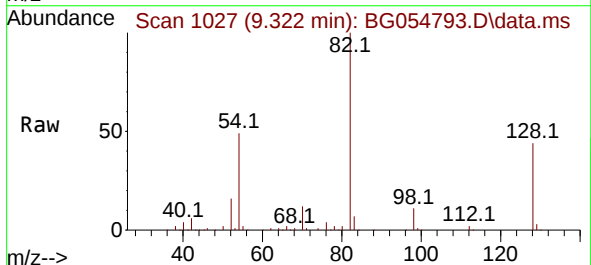
Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:	136	Resp:	169782
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	9.3	7.7	11.5
68	6.4	5.6	8.4



#23
Nitrobenzene-d5
Concen: 92.920 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion:	82	Resp:	300518
Ion	Ratio	Lower	Upper
82	100		
128	44.2	32.2	48.2
54	49.2	41.4	62.0

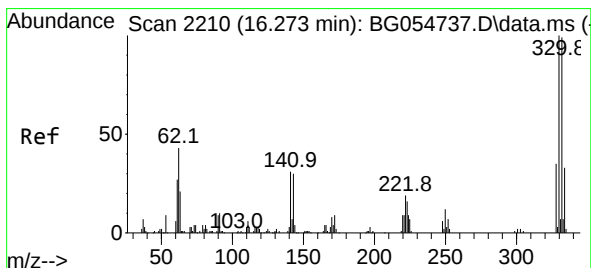
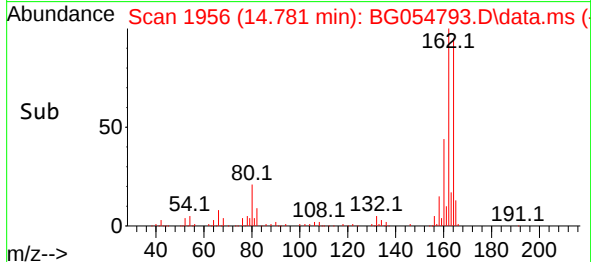
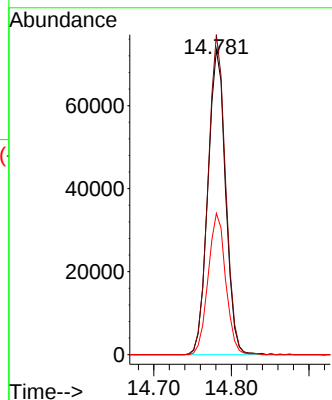
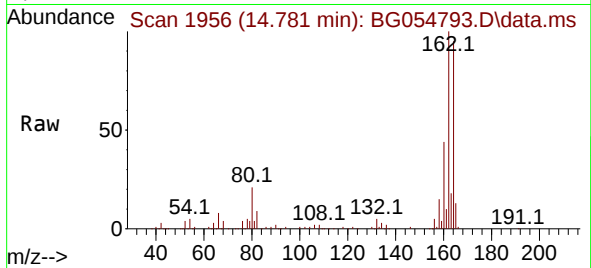




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

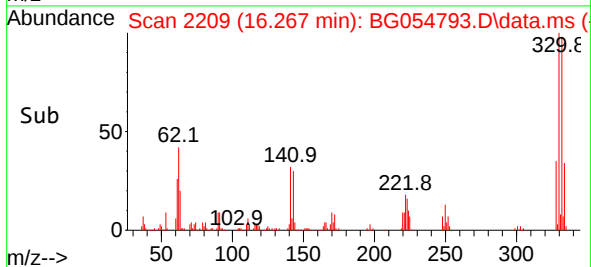
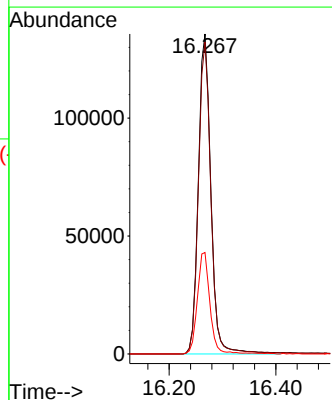
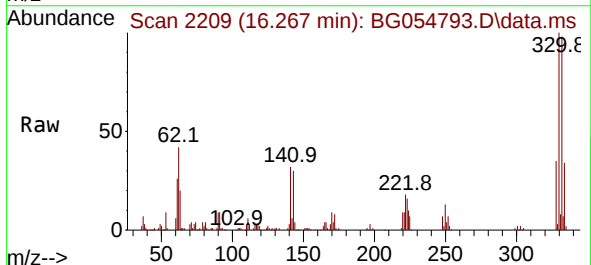
Instrument :
BNA_G
ClientSampleId :
WC-3

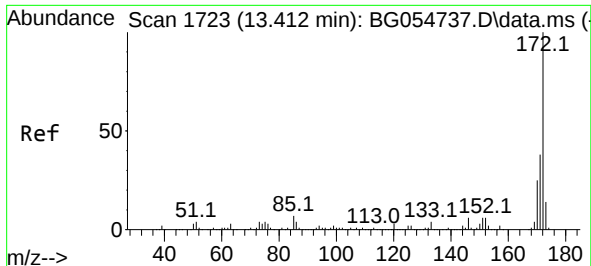
Tgt Ion:164 Resp: 116095
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 46.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 153.046 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion:330 Resp: 222021
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 31.7 26.8 40.2

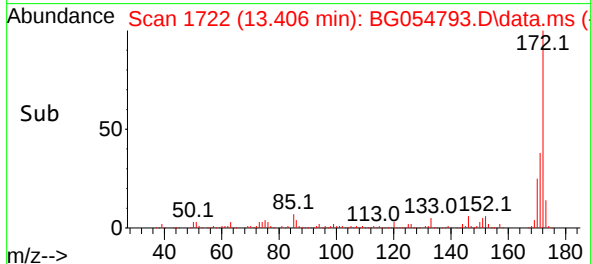
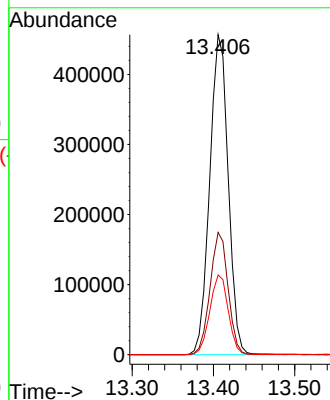
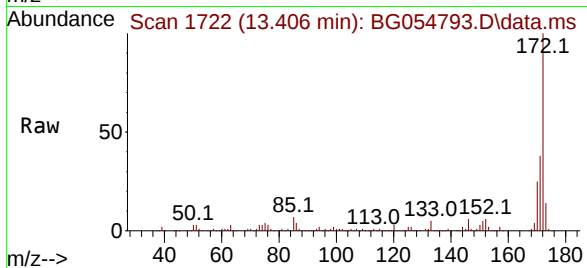




#45
2-Fluorobiphenyl
Concen: 93.330 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

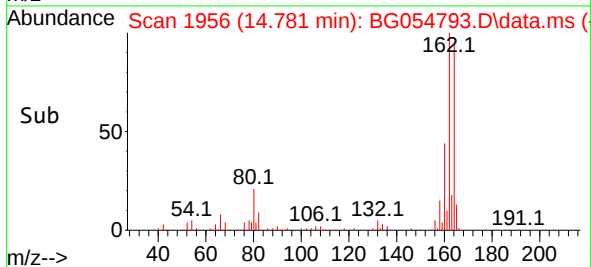
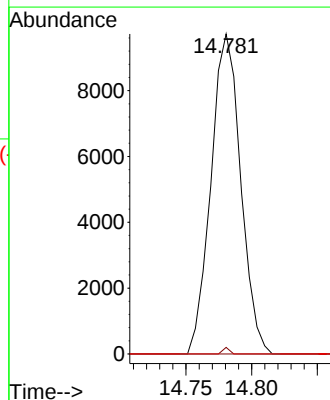
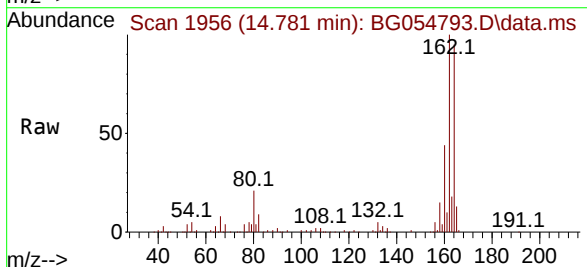
Instrument :
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ClientSampleId :
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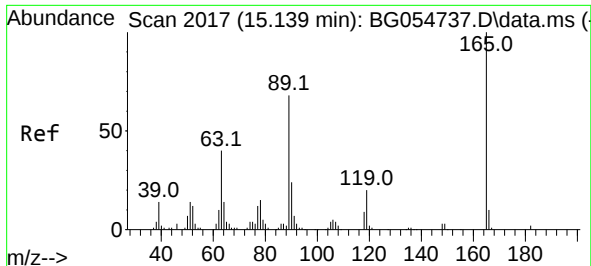
Tgt Ion:172 Resp: 720896
Ion Ratio Lower Upper
172 100
171 38.2 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.369 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion:165 Resp: 15310
Ion Ratio Lower Upper
165 100
63 2.1 46.0 69.0#
89 0.0 50.3 75.5#

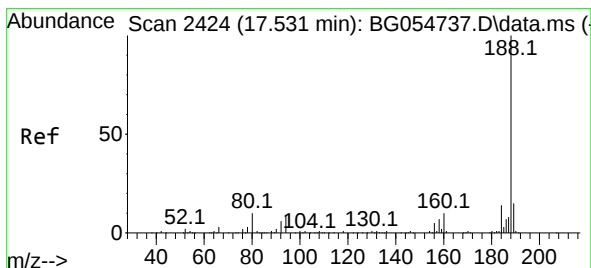
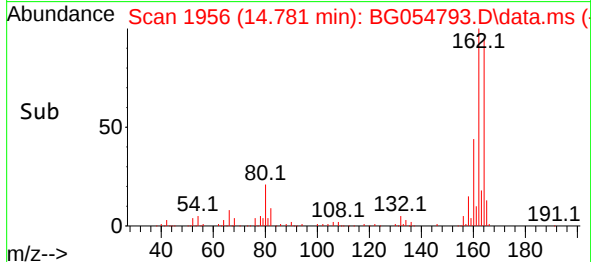
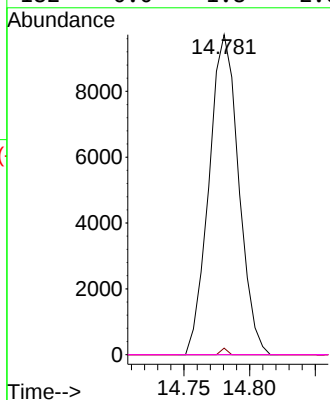
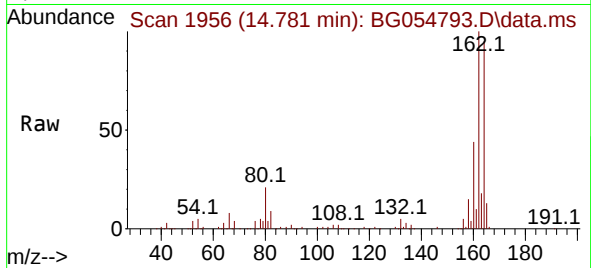




#57
2,4-Dinitrotoluene
Concen: 6.050 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.359 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

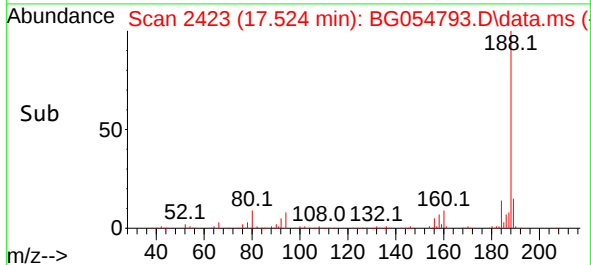
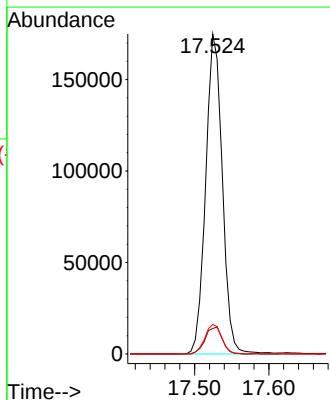
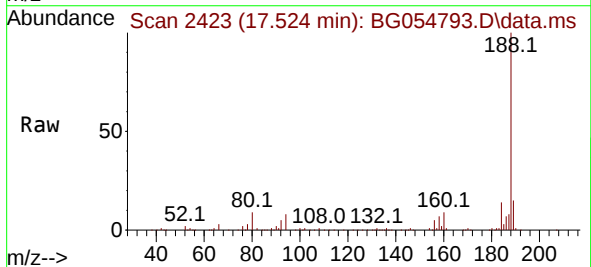
Instrument :
BNA_G
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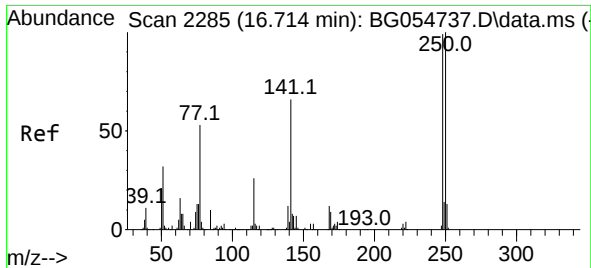
Tgt Ion:165 Resp: 15310
Ion Ratio Lower Upper
165 100
63 2.1 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion:188 Resp: 272772
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.2 7.9 11.9

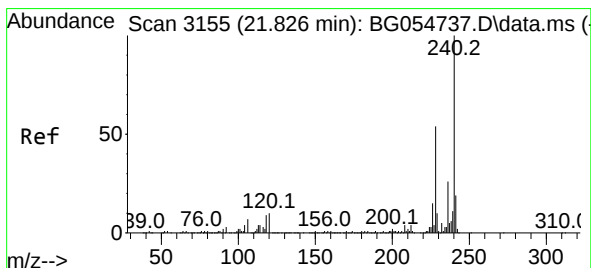
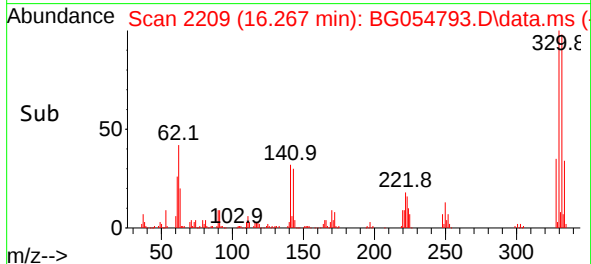
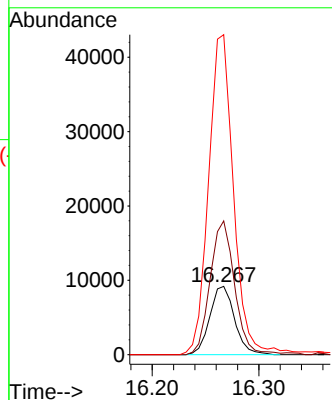
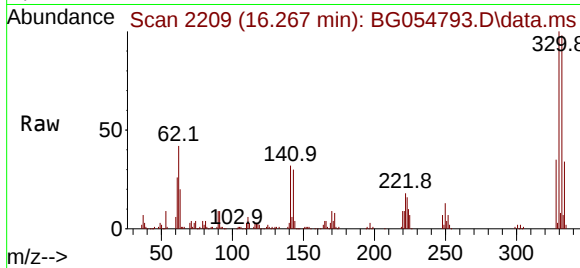




#67
4-Bromophenyl-phenylether
Concen: 4.944 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

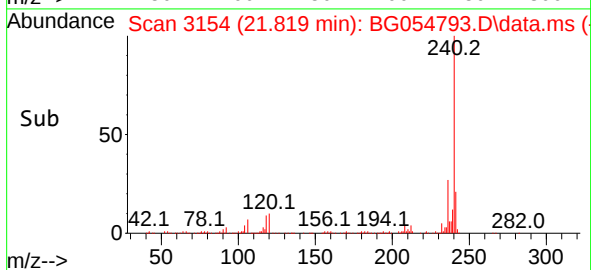
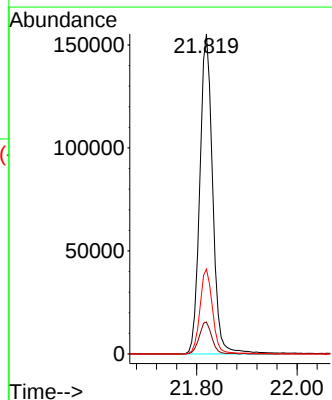
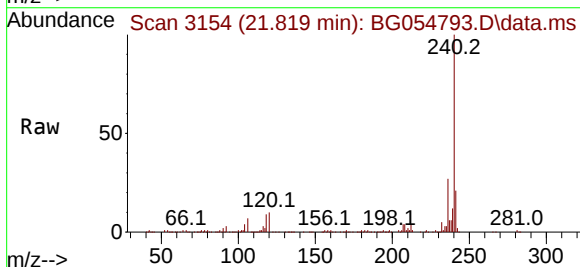
Instrument :
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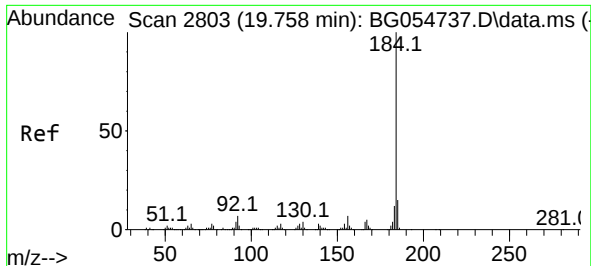
Tgt Ion:248 Resp: 14807
Ion Ratio Lower Upper
248 100
250 195.9 78.8 118.2#
141 468.8 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion:240 Resp: 275793
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.4
236 26.5 21.2 31.8

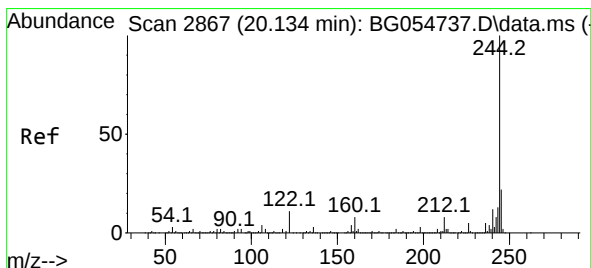
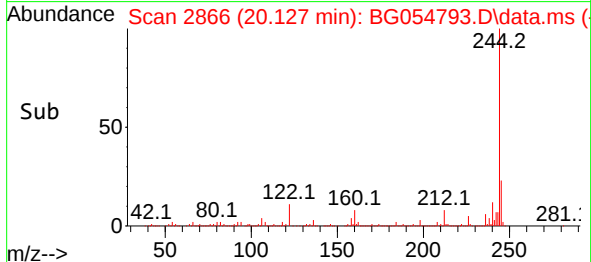
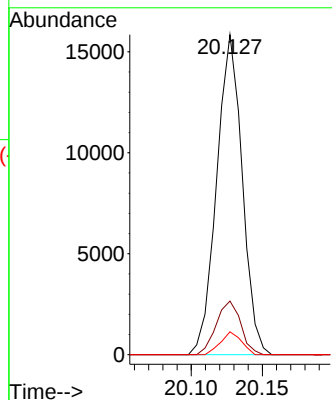
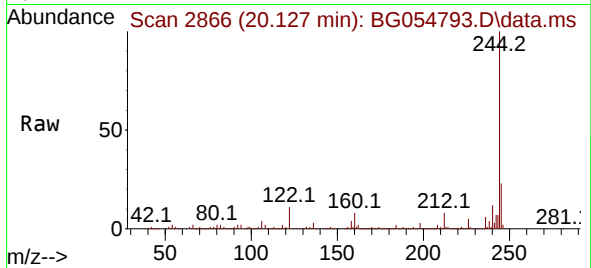




#77
Benzidine
Concen: 2.899 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.370 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

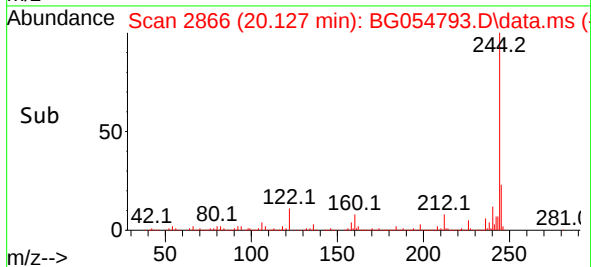
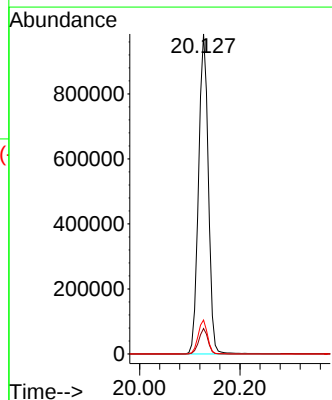
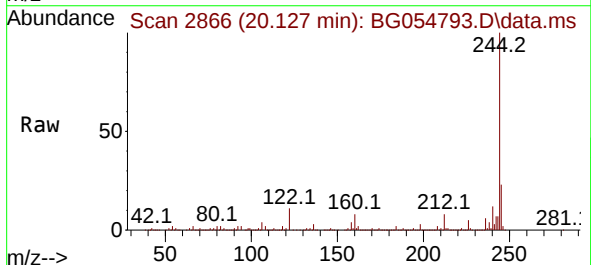
Instrument :
BNA_G
ClientSampleId :
WC-3

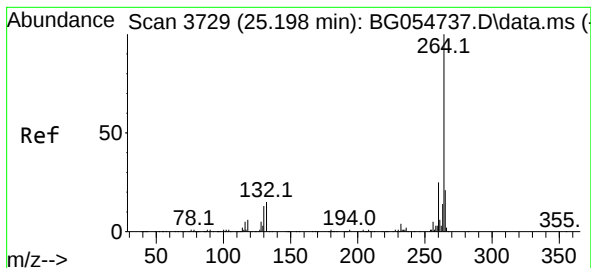
Tgt Ion:184 Resp: 19805
Ion Ratio Lower Upper
184 100
185 16.8 11.4 17.0
183 7.2 9.8 14.8#



#79
Terphenyl-d14
Concen: 95.289 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion:244 Resp: 1326339
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 10.6 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG054793.D

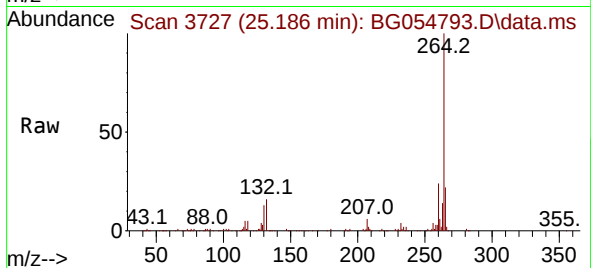
Acq: 30 Aug 2022 17:18

Instrument :

BNA_G

ClientSampleId :

WC-3



Tgt Ion:264 Resp: 283400

Ion Ratio Lower Upper

264 100

260 23.6 19.9 29.9

265 22.4 16.9 25.3

