

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054083.D
 Acq On : 26 Jun 2022 21:50
 Operator : CG/JU
 Sample : N3488-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-0-2-20220623

Quant Time: Jun 27 00:33:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

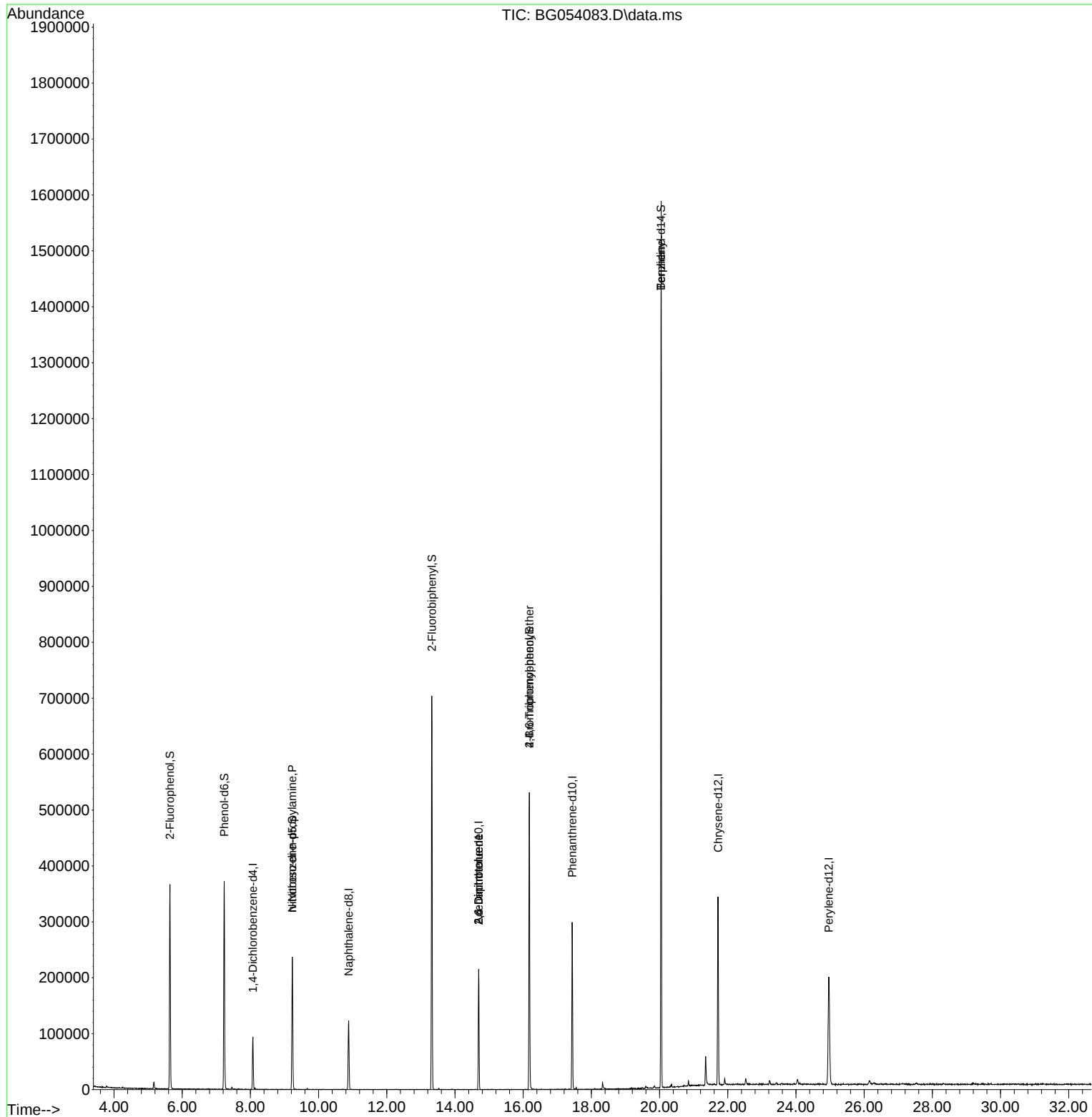
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	28351	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	113721	20.000	ng	0.00
39) Acenaphthene-d10	14.693	164	81848	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	206057	20.000	ng	0.00
76) Chrysene-d12	21.714	240	232904	20.000	ng	0.00
86) Perylene-d12	24.963	264	226820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	173670	117.118	ng	0.00
7) Phenol-d6	7.231	99	226185	112.440	ng	0.00
23) Nitrobenzene-d5	9.229	82	152848	75.531	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	118256	89.926	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	398909	70.871	ng	0.00
79) Terphenyl-d14	20.045	244	852124	73.689	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.229	70	19978	14.783	ng	# 82
51) 2,6-Dinitrotoluene	14.693	165	10677	8.478	ng	# 16
57) 2,4-Dinitrotoluene	14.693	165	10677	6.003	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	8065	3.134	ng	# 1
77) Benzidine	20.045	184	12006	2.489	ng	# 93

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

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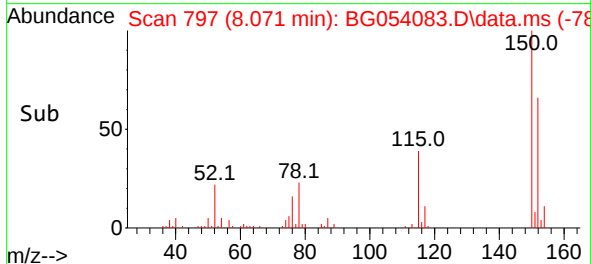
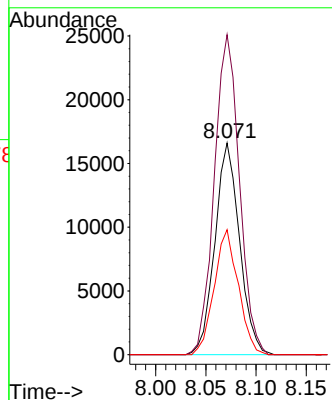
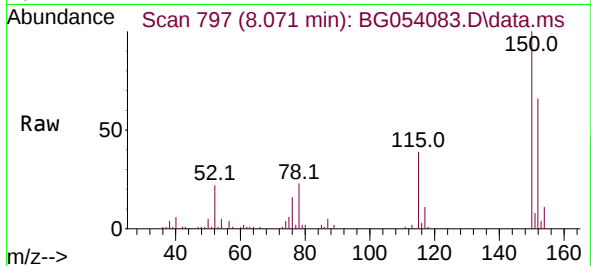




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

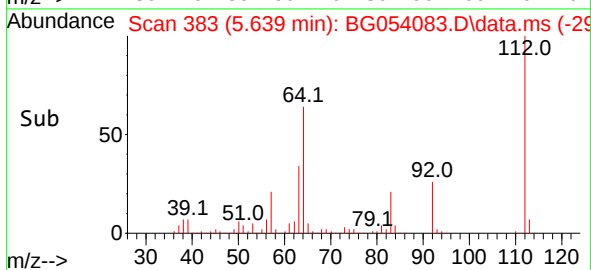
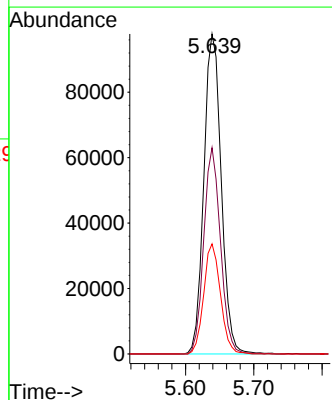
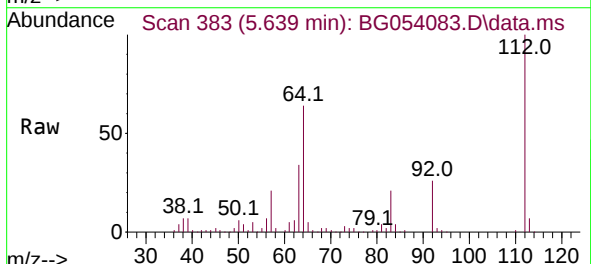
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2-20220623

Tgt Ion:152 Resp: 28351
Ion Ratio Lower Upper
152 100
150 151.2 131.6 197.4
115 59.0 50.9 76.3



#5
2-Fluorophenol
Concen: 117.118 ng
RT: 5.639 min Scan# 383
Delta R.T. 0.001 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

Tgt Ion:112 Resp: 173670
Ion Ratio Lower Upper
112 100
64 64.5 55.1 82.7
63 34.4 30.4 45.6

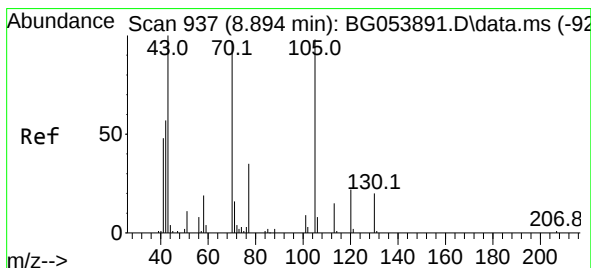
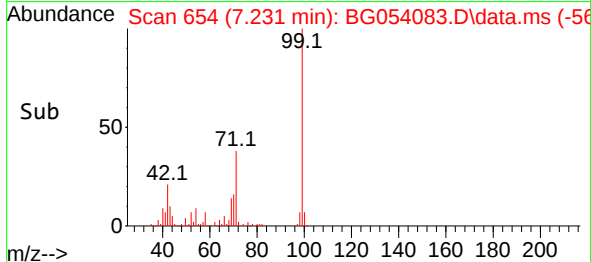
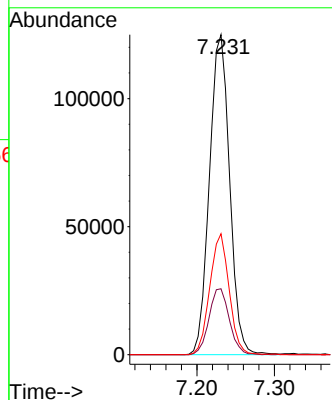
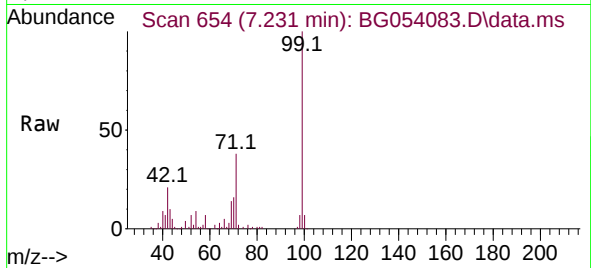




#7
Phenol-d6
Concen: 112.440 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

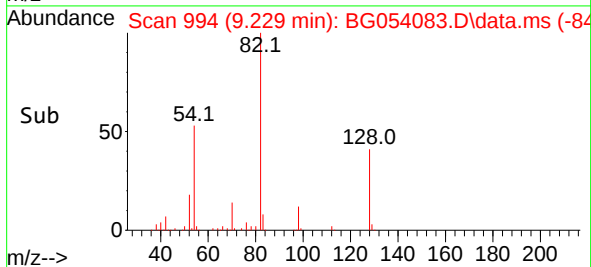
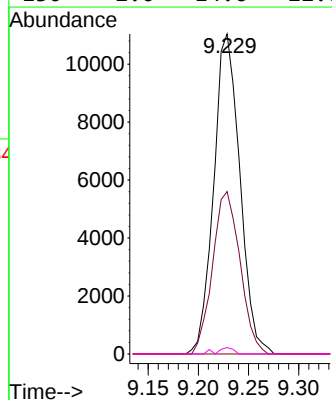
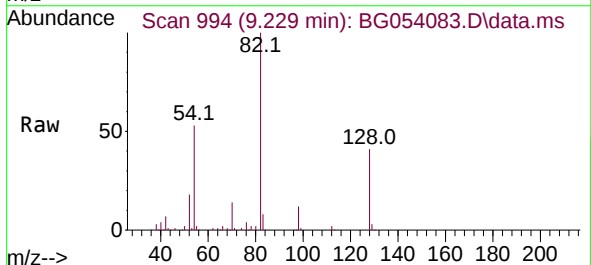
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ClientSampleId :
SB-14-0-2-20220623

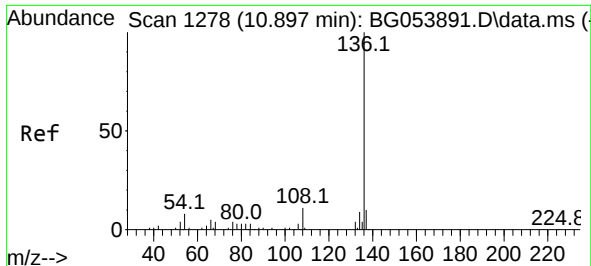
Tgt Ion: 99 Resp: 226185
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 37.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.783 ng
RT: 9.229 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

Tgt Ion: 70 Resp: 19978
Ion Ratio Lower Upper
70 100
42 50.7 47.3 70.9
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#

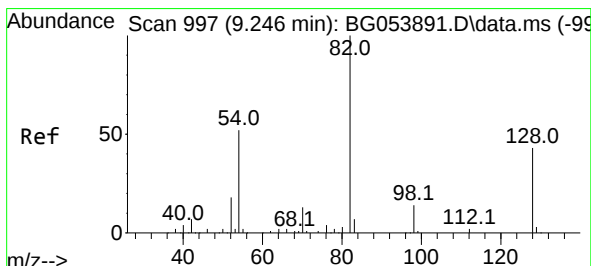
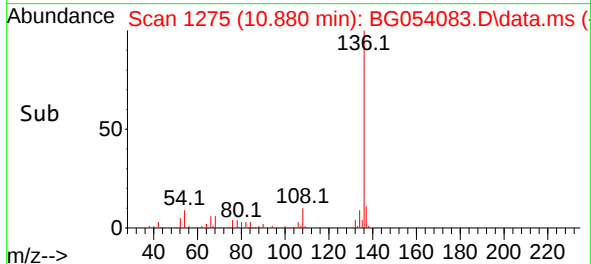
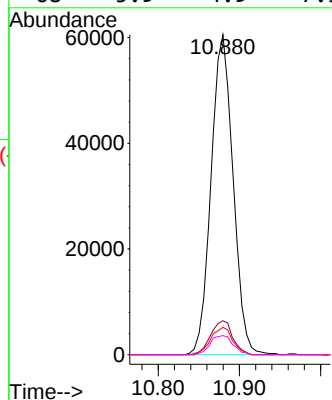
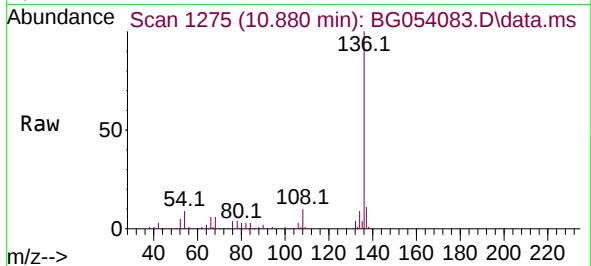




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

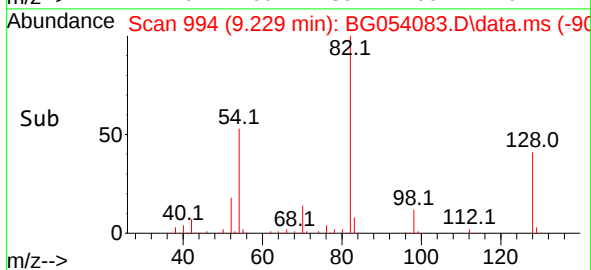
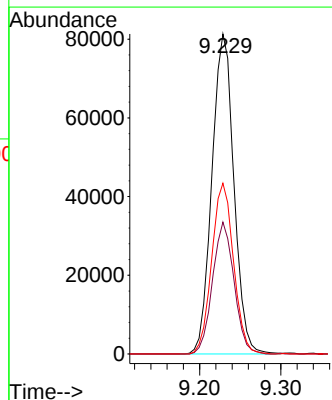
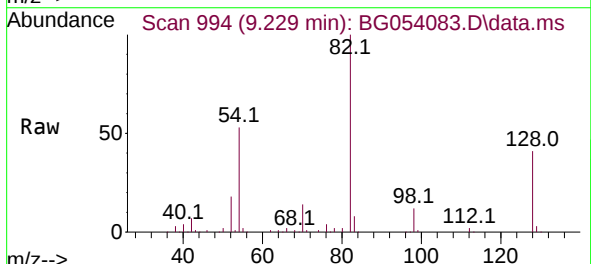
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2-20220623

Tgt Ion:	136	Resp:	113721
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	8.6	7.4	11.2
68	5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 75.531 ng
RT: 9.229 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

Tgt Ion:	82	Resp:	152848
Ion Ratio	Lower	Upper	
82	100		
128	41.2	27.9	41.9
54	53.3	41.2	61.8

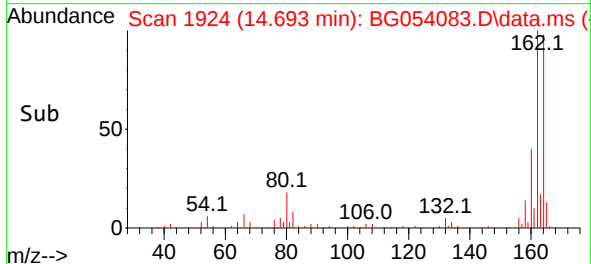
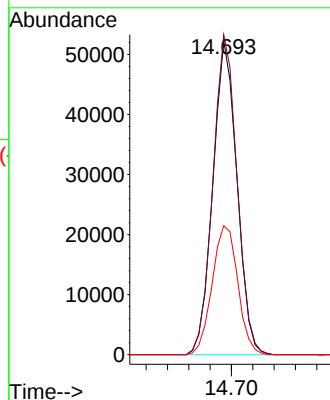
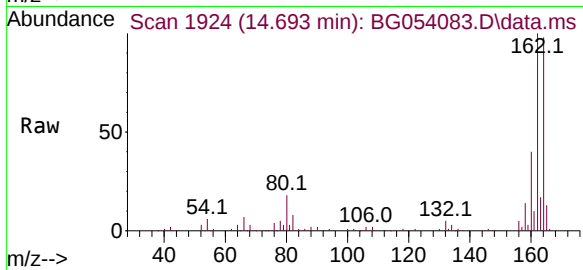




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.693 min Scan# 1924
Delta R.T. -0.005 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

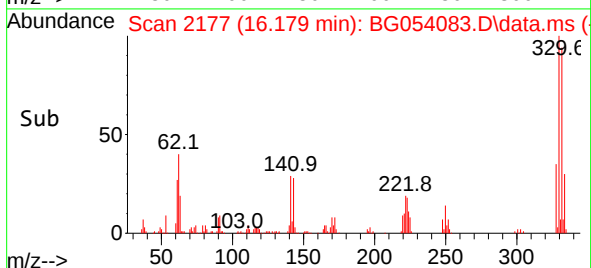
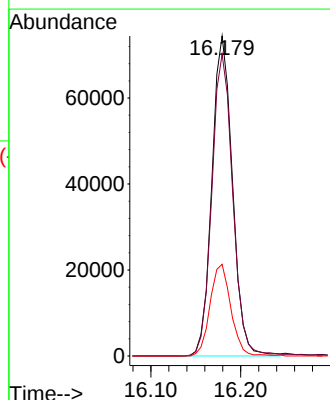
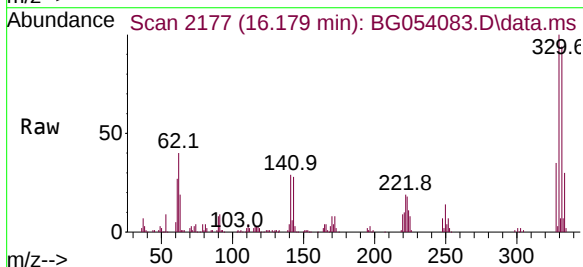
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ClientSampleId :
SB-14-0-2-20220623

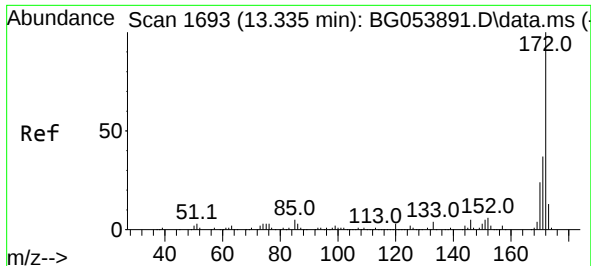
Tgt Ion:164 Resp: 81848
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 41.1 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 89.926 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

Tgt Ion:330 Resp: 118256
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 29.0 27.1 40.7

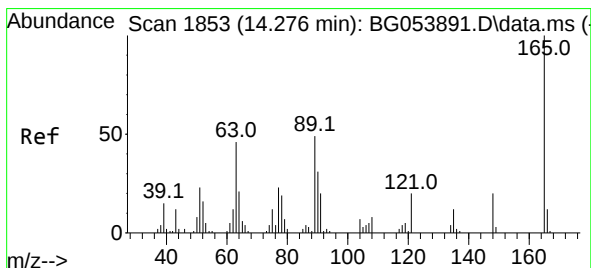
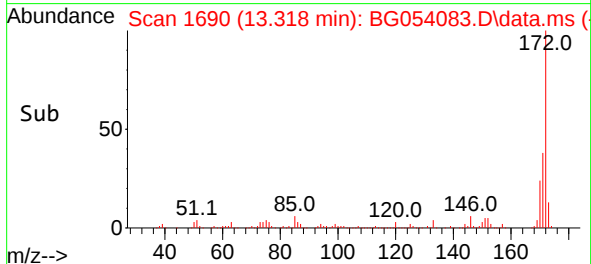
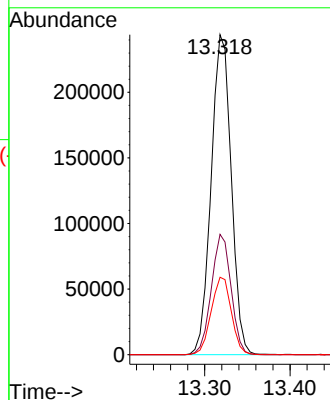
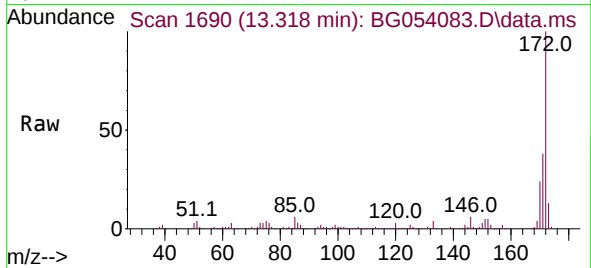




#45
2-Fluorobiphenyl
Concen: 70.871 ng
RT: 13.318 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

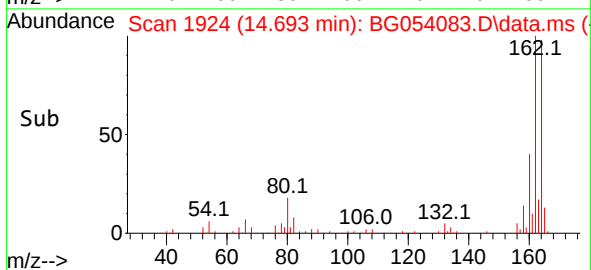
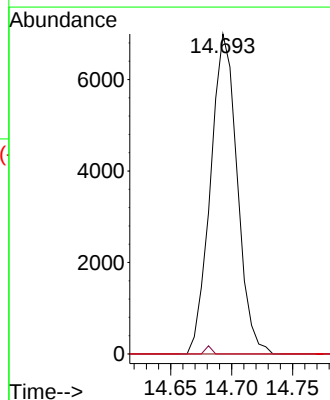
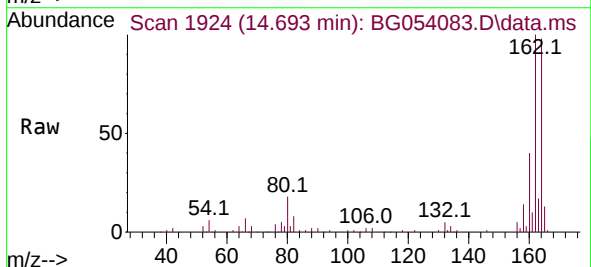
Instrument :
BNA_G
ClientSampleId :
SB-14-0-2-20220623

Tgt Ion:172 Resp: 398909
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 24.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 14.693 min Scan# 1924
Delta R.T. 0.430 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

Tgt Ion:165 Resp: 10677
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.003 ng

RT: 14.693 min Scan# 1987

Delta R.T. -0.358 min

Lab File: BG054083.D

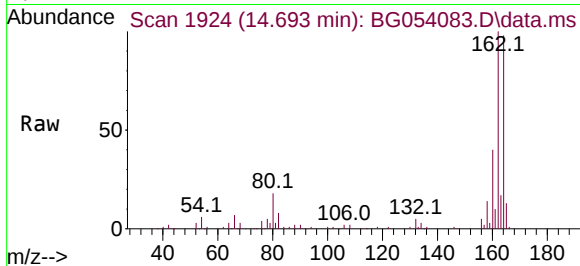
Acq: 26 Jun 2022 21:50

Instrument :

BNA_G

ClientSampleId :

SB-14-0-2-20220623



Tgt Ion:165 Resp: 10677

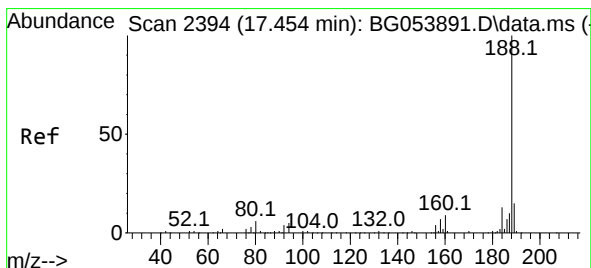
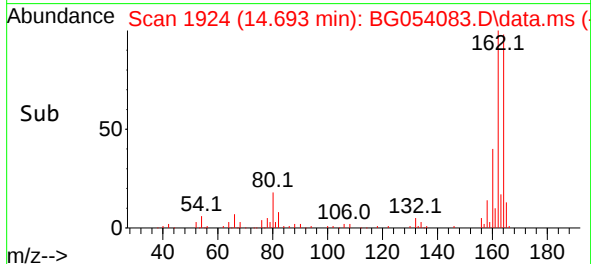
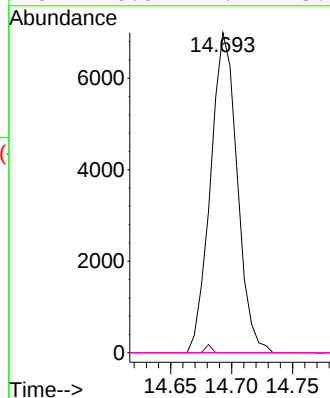
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.437 min Scan# 2391

Delta R.T. -0.005 min

Lab File: BG054083.D

Acq: 26 Jun 2022 21:50

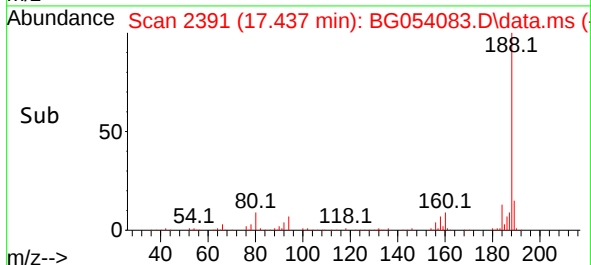
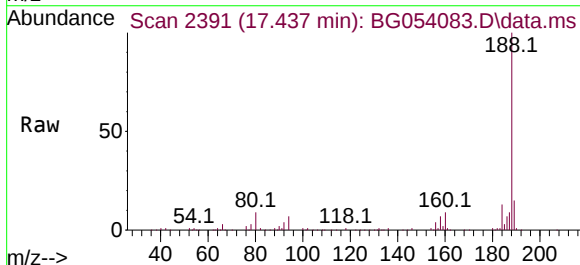
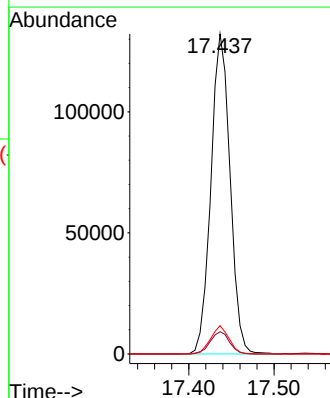
Tgt Ion:188 Resp: 206057

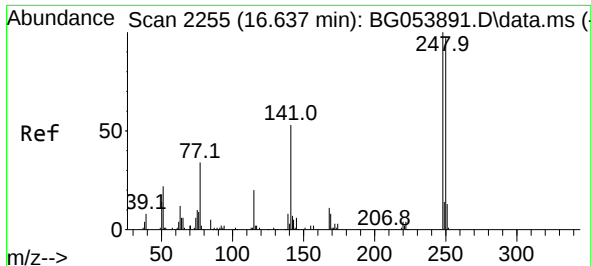
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

80 8.9 6.8 10.2

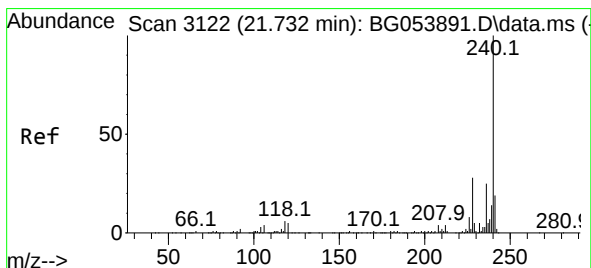
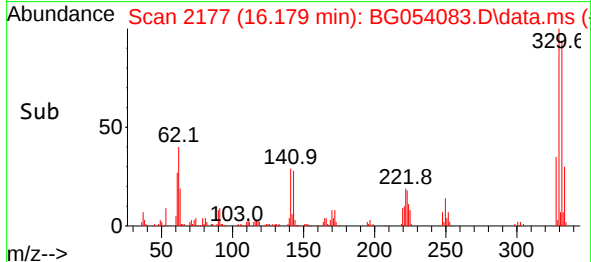
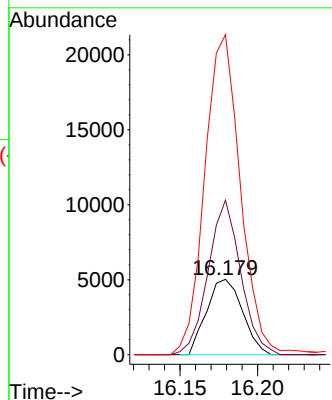
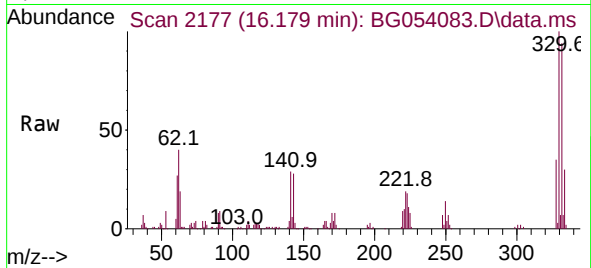




#67
4-Bromophenyl-phenylether
Concen: 3.134 ng
RT: 16.179 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

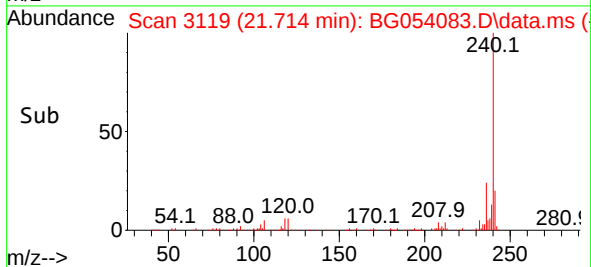
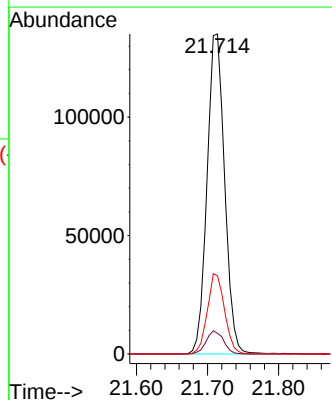
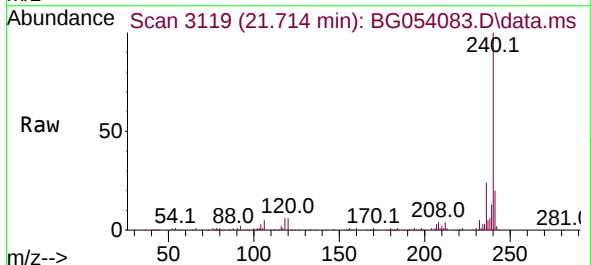
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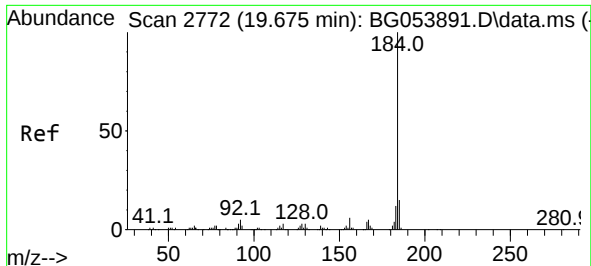
Tgt Ion:248 Resp: 8065
Ion Ratio Lower Upper
248 100
250 198.2 75.2 112.8#
141 326.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.714 min Scan# 3119
Delta R.T. -0.005 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

Tgt Ion:240 Resp: 232904
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 24.5 20.2 30.4

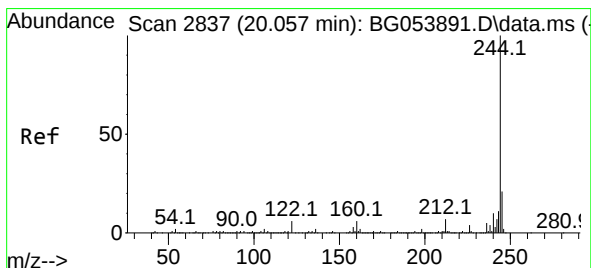
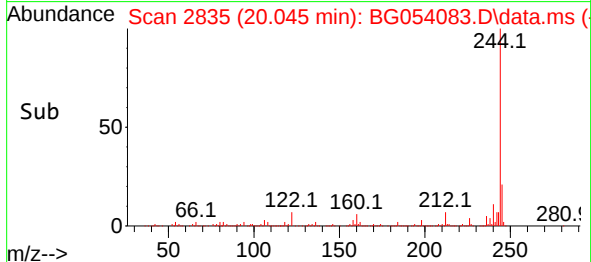
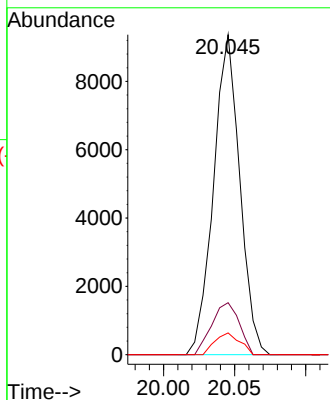
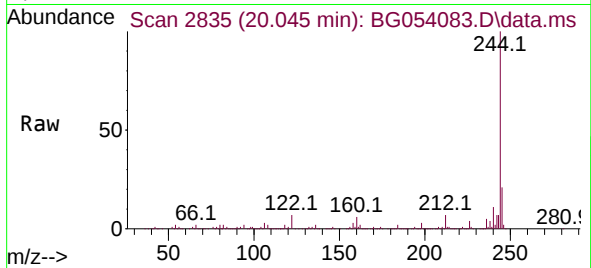




#77
Benzidine
Concen: 2.489 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.383 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

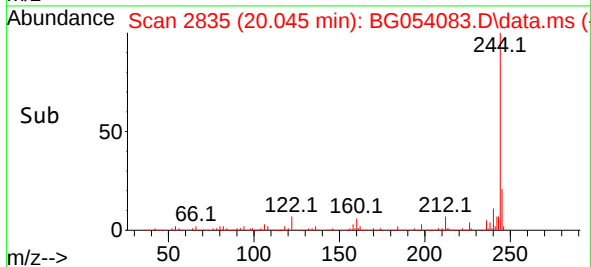
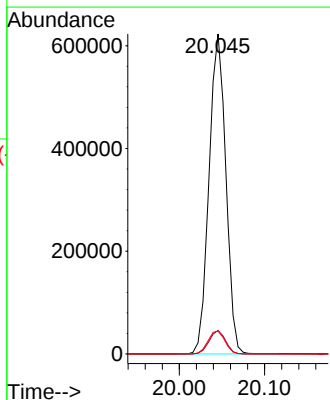
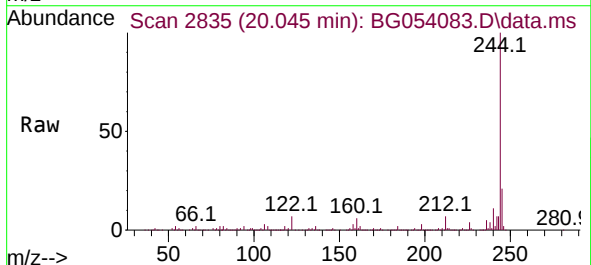
Instrument :
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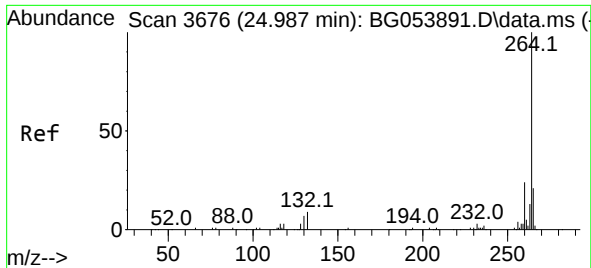
Tgt Ion:184 Resp: 12006
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.6
183 6.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 73.689 ng
RT: 20.045 min Scan# 2835
Delta R.T. 0.001 min
Lab File: BG054083.D
Acq: 26 Jun 2022 21:50

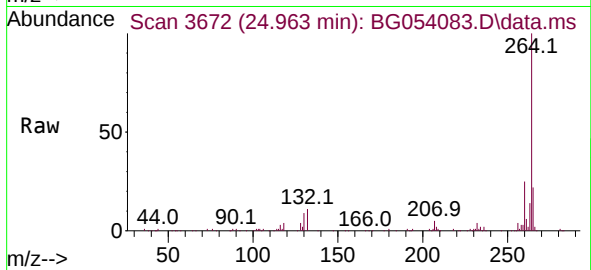
Tgt Ion:244 Resp: 852124
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.2 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.963 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG054083.D
 Acq: 26 Jun 2022 21:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-0-2-20220623



Tgt Ion:264 Resp: 226820
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.0 28.6
 265 21.7 17.4 26.2

