

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054089.D
 Acq On : 27 Jun 2022 10:44
 Operator : CG/JU
 Sample : PB145813BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145813BL

Quant Time: Jun 28 04:52:43 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)

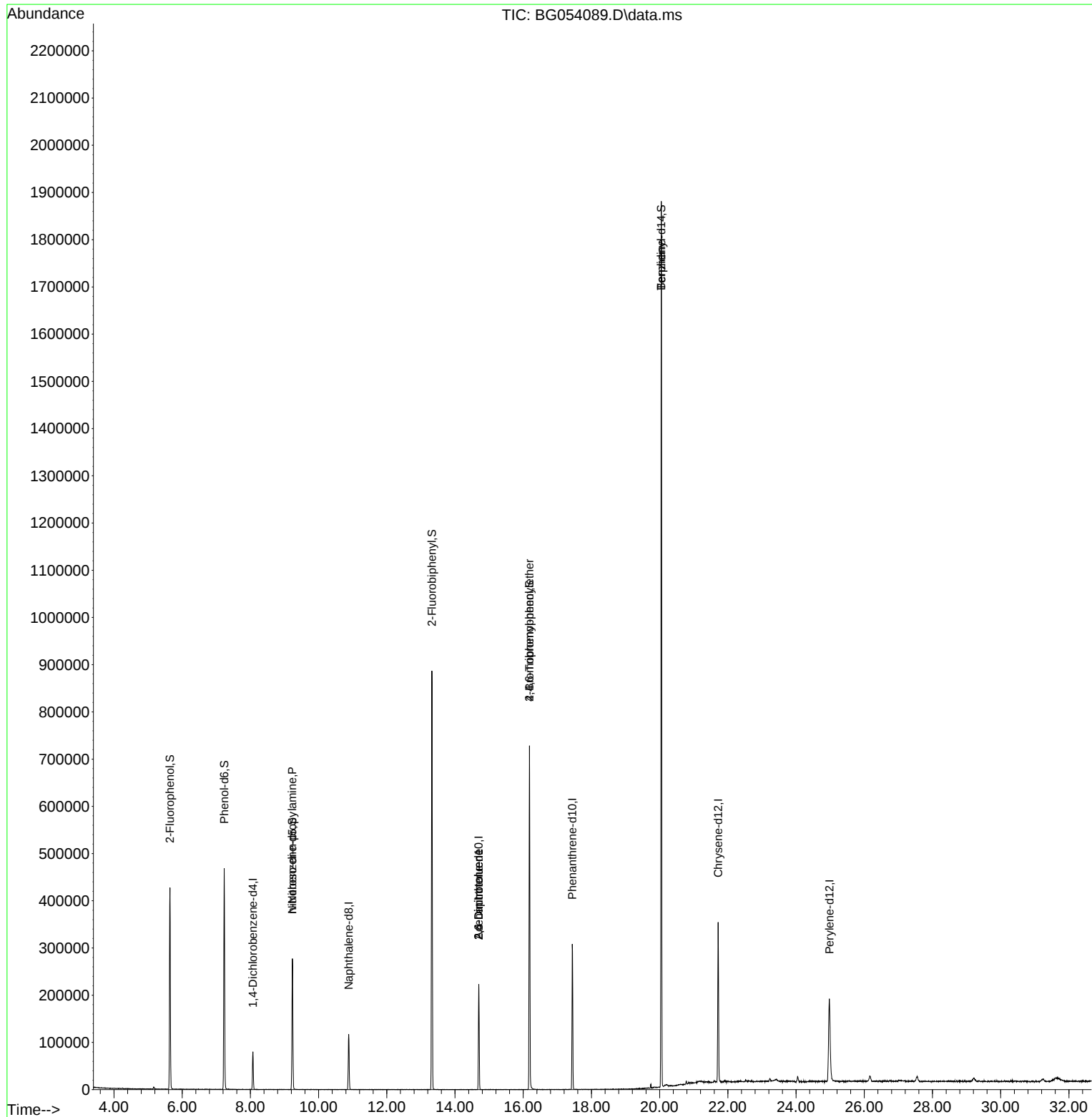
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	24147	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	106890	20.000	ng	0.00
39) Acenaphthene-d10	14.696	164	88665	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	220088	20.000	ng	0.00
76) Chrysene-d12	21.717	240	227369	20.000	ng	0.00
86) Perylene-d12	24.978	264	225125	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	195587	154.862	ng	0.00
7) Phenol-d6	7.234	99	274961	160.484	ng	0.00
23) Nitrobenzene-d5	9.231	82	175173	92.095	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	167686	117.711	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	518602	85.052	ng	0.00
79) Terphenyl-d14	20.048	244	1031808	91.400	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.231	70	23990	20.842	ng	# 84
51) 2,6-Dinitrotoluene	14.696	165	11438	8.384	ng	# 16
57) 2,4-Dinitrotoluene	14.696	165	11438	5.936	ng	# 21
67) 4-Bromophenyl-phenylether	16.182	248	11083	4.032	ng	# 1
77) Benzidine	20.048	184	14185	3.013	ng	# 94

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

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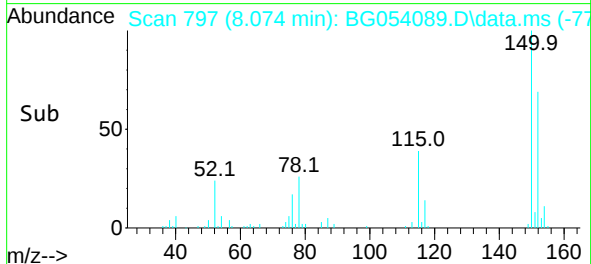
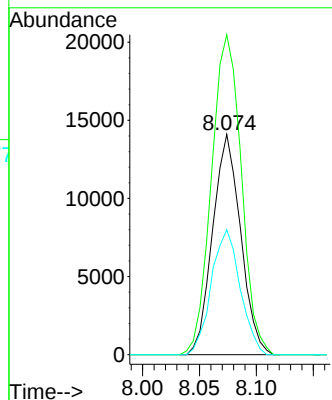
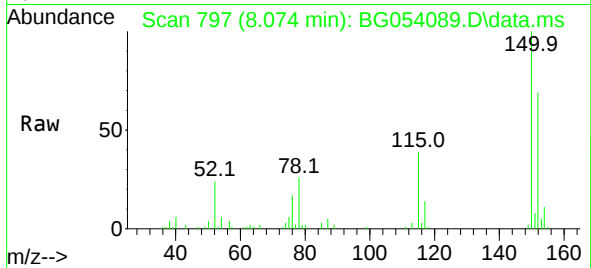




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.074 min Scan# 79
Delta R.T. 0.004 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

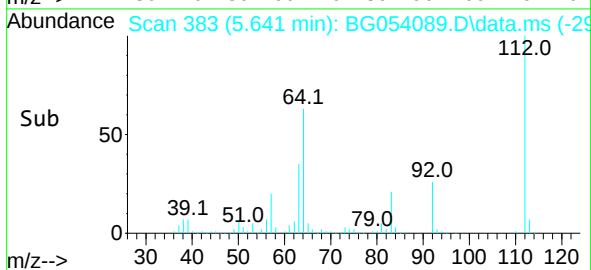
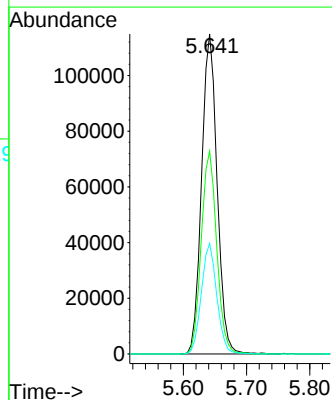
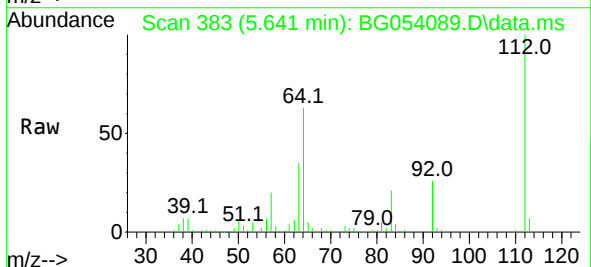
Instrument :
BNA_G
ClientSampleId :
PB145813BL

Tgt Ion:152 Resp: 24147
Ion Ratio Lower Upper
152 100
150 145.3 131.6 197.4
115 56.7 50.9 76.3



#5
2-Fluorophenol
Concen: 154.862 ng
RT: 5.641 min Scan# 383
Delta R.T. 0.003 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

Tgt Ion:112 Resp: 195587
Ion Ratio Lower Upper
112 100
64 63.3 55.1 82.7
63 34.5 30.4 45.6

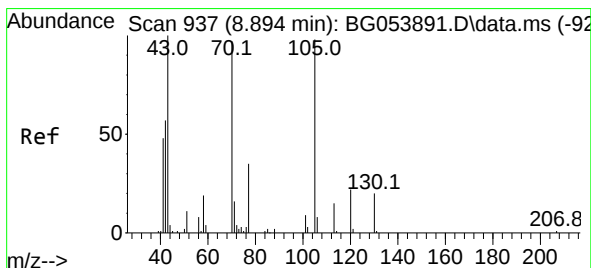
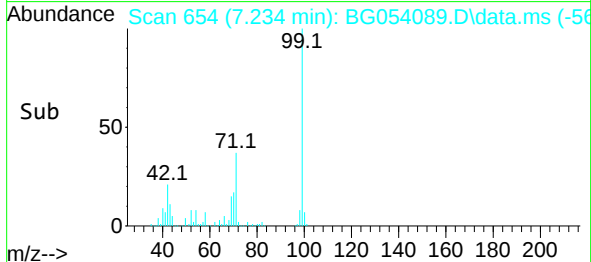
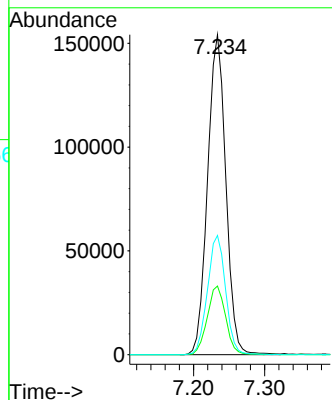
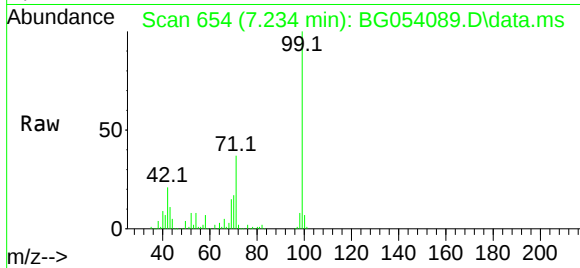




#7
Phenol-d6
Concen: 160.484 ng
RT: 7.234 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

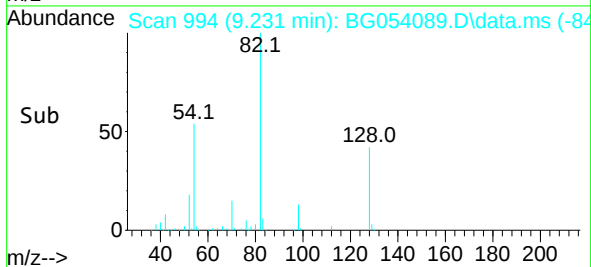
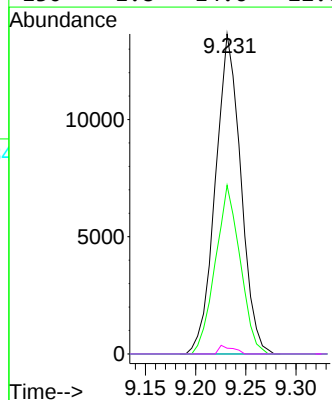
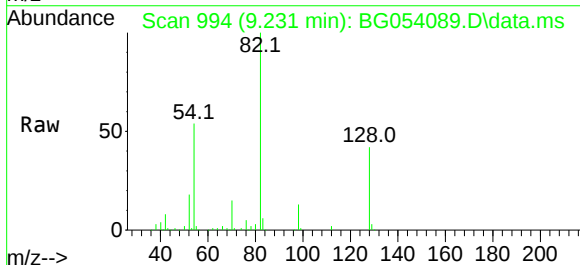
Instrument :
BNA_G
ClientSampleId :
PB145813BL

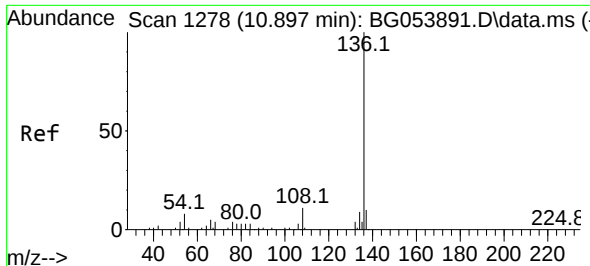
Tgt Ion: 99 Resp: 274961
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 37.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.842 ng
RT: 9.231 min Scan# 994
Delta R.T. 0.356 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

Tgt Ion: 70 Resp: 23990
Ion Ratio Lower Upper
70 100
42 52.7 47.3 70.9
101 0.0 7.0 10.4#
130 1.8 14.6 22.0#

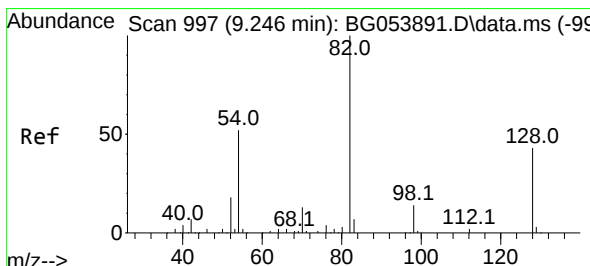
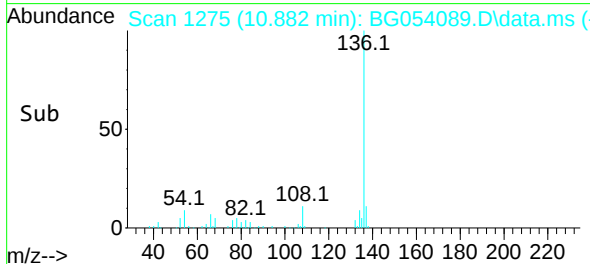
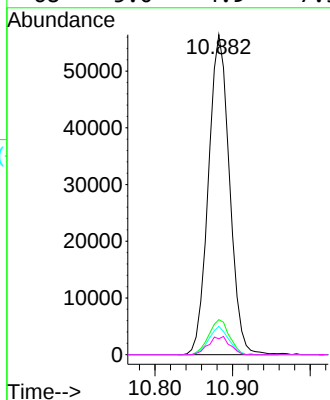
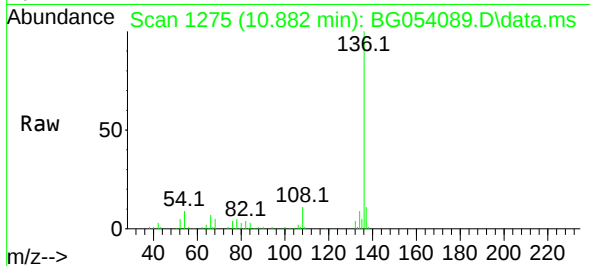




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

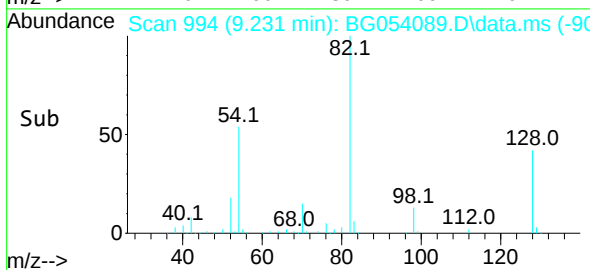
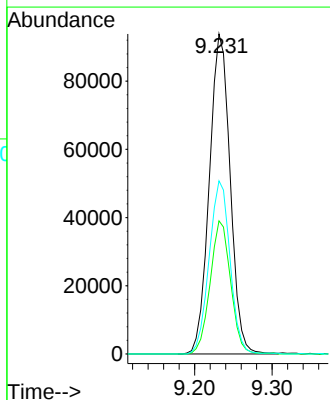
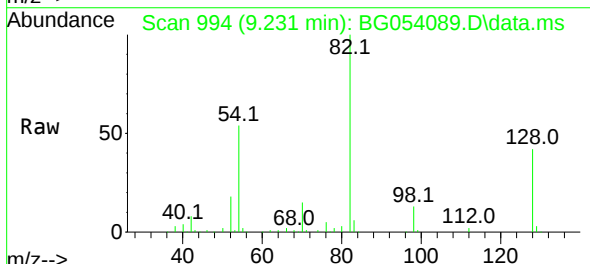
Instrument :
BNA_G
ClientSampleId :
PB145813BL

Tgt Ion:	136	Resp:	106890
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	8.8	7.4	11.2
68	5.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 92.095 ng
RT: 9.231 min Scan# 994
Delta R.T. -0.002 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

Tgt Ion:	82	Resp:	175173
Ion Ratio	Lower	Upper	
82	100		
128	41.6	27.9	41.9
54	54.1	41.2	61.8

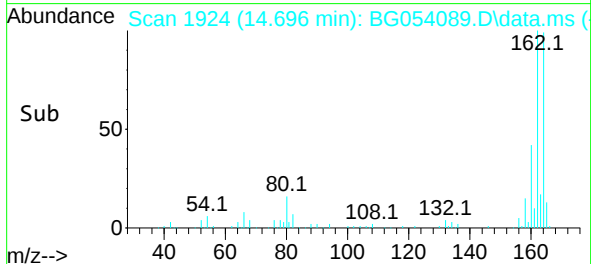
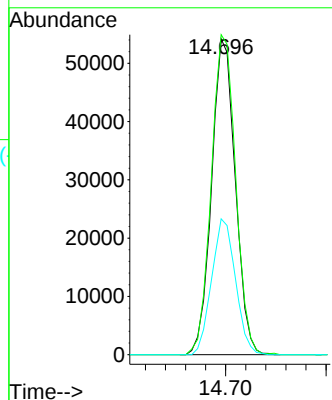
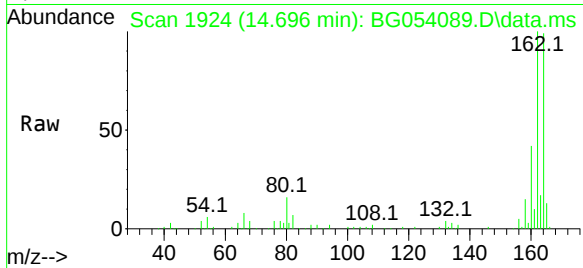




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.696 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

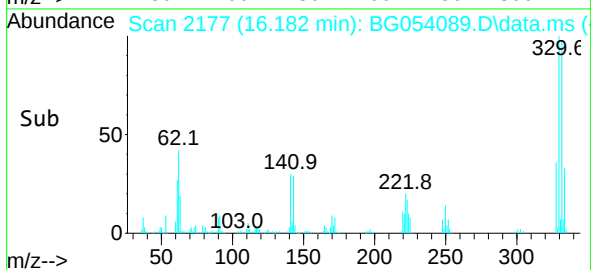
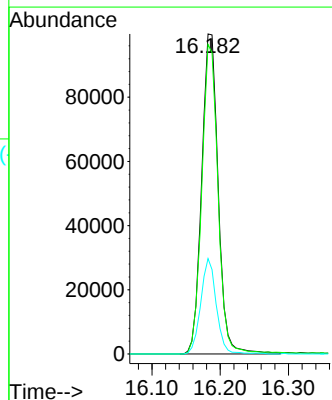
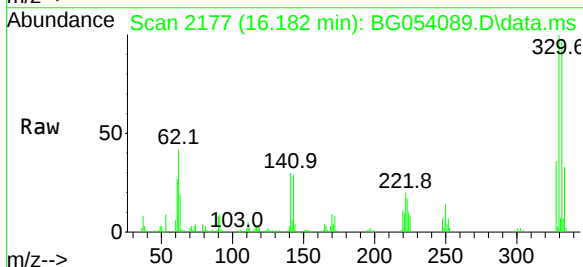
Instrument :
BNA_G
ClientSampleId :
PB145813BL

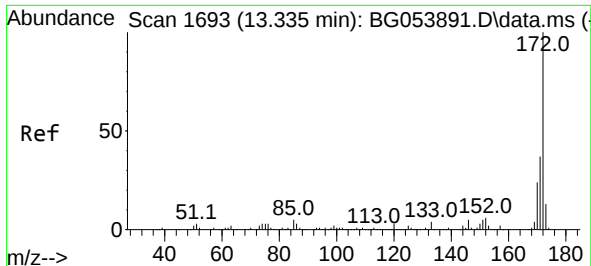
Tgt Ion:164 Resp: 88665
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 43.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 117.711 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

Tgt Ion:330 Resp: 167686
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 28.0 27.1 40.7

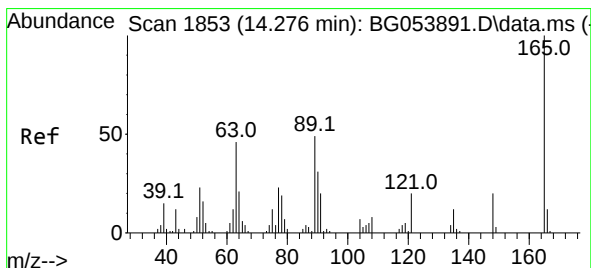
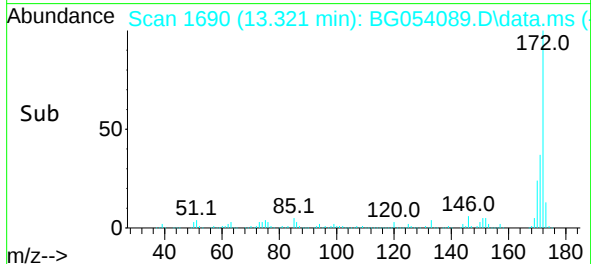
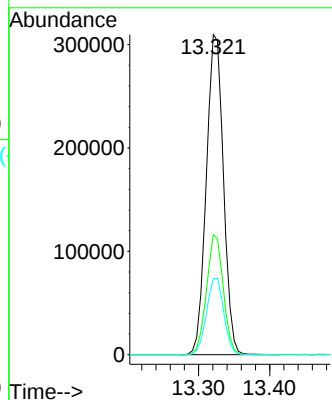
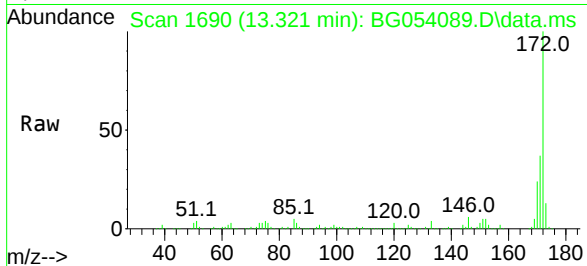




#45
2-Fluorobiphenyl
Concen: 85.052 ng
RT: 13.321 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

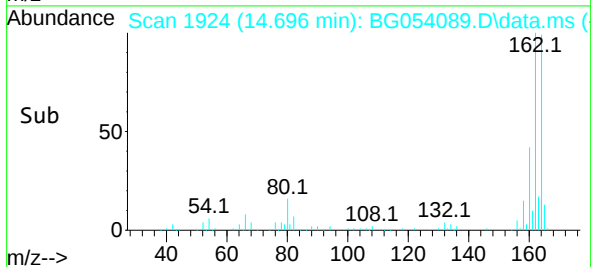
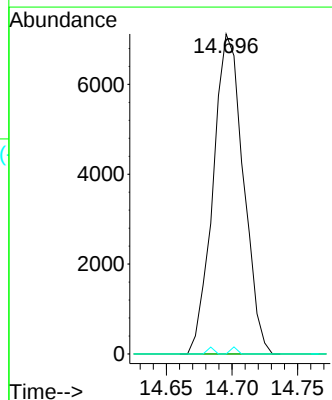
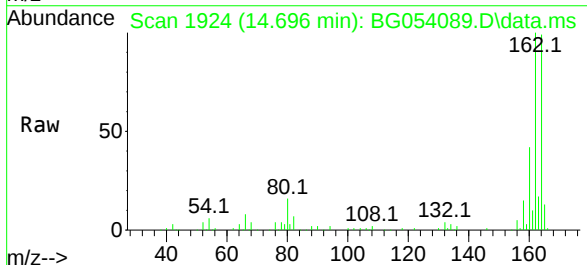
Instrument :
BNA_G
ClientSampleId :
PB145813BL

Tgt Ion:172 Resp: 518602
Ion Ratio Lower Upper
172 100
171 37.5 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.384 ng
RT: 14.696 min Scan# 1924
Delta R.T. 0.432 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

Tgt Ion:165 Resp: 11438
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: 5.936 ng

RT: 14.696 min Scan# 1987

Delta R.T. -0.355 min

Lab File: BG054089.D

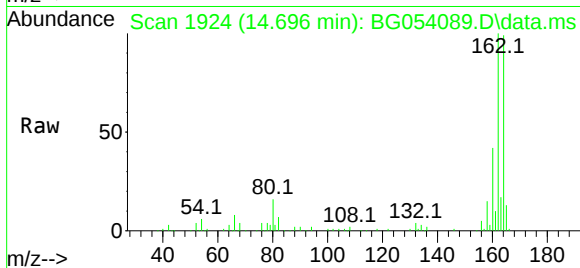
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Instrument :

BNA_G

ClientSampleId :

PB145813BL



Tgt Ion:165 Resp: 11438

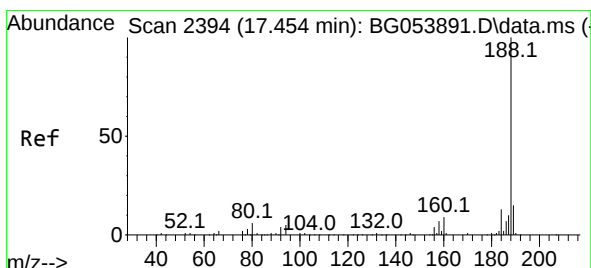
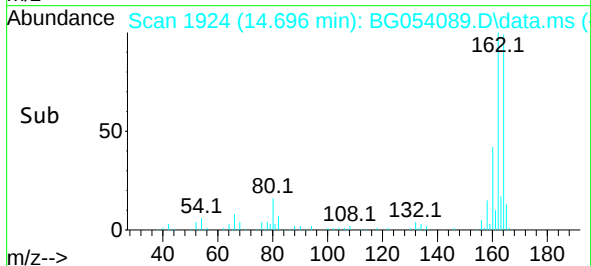
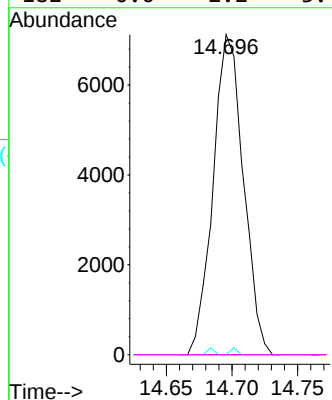
Ion Ratio Lower Upper

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: 17.439 min Scan# 2391

Delta R.T. -0.002 min

Lab File: BG054089.D

Acq: 27 Jun 2022 10:44

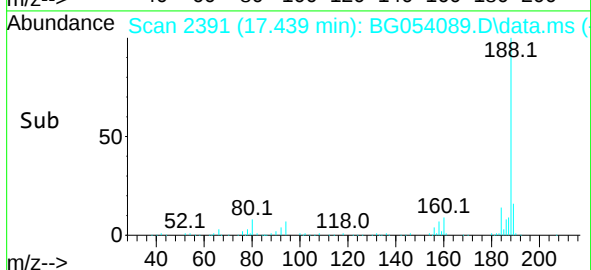
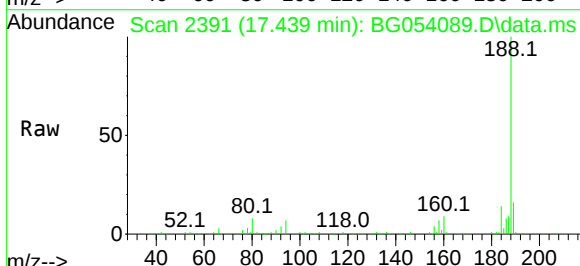
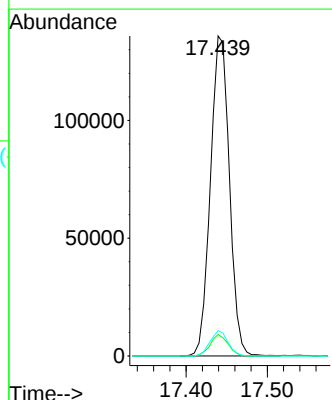
Tgt Ion:188 Resp: 220088

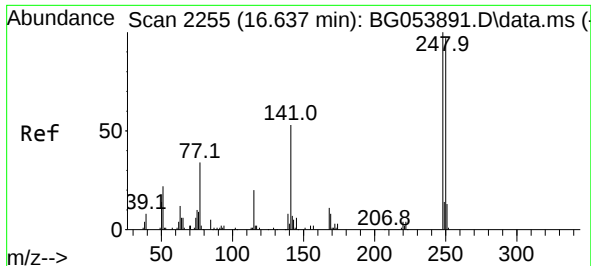
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.0

80 7.9 6.8 10.2

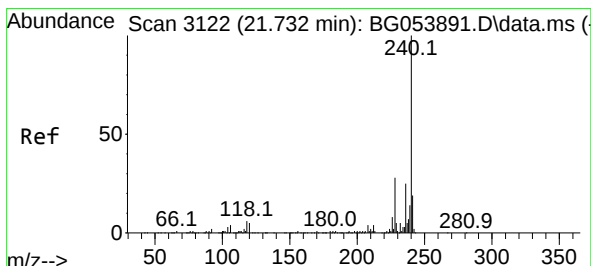
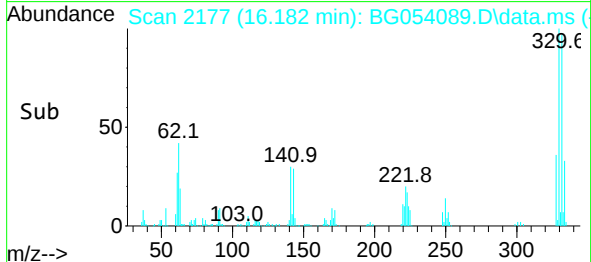
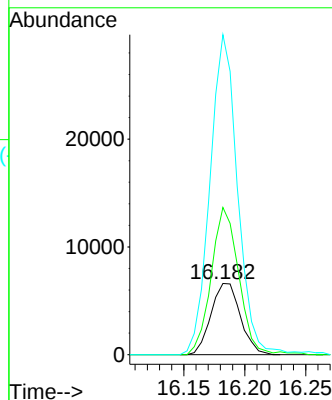
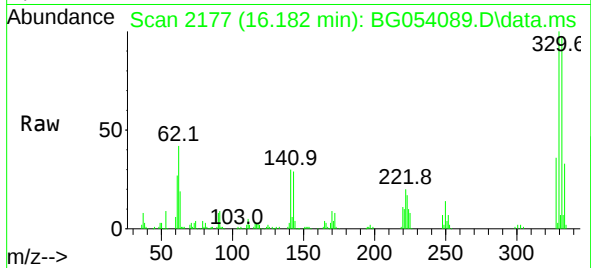




#67
4-Bromophenyl-phenylether
Concen: 4.032 ng
RT: 16.182 min Scan# 2119
Delta R.T. -0.443 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

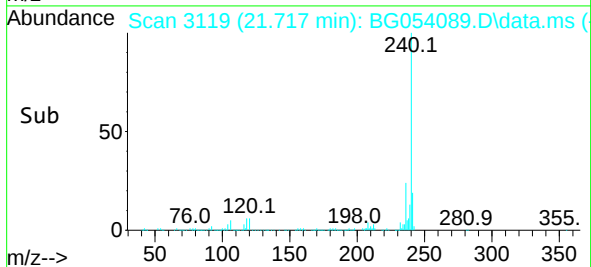
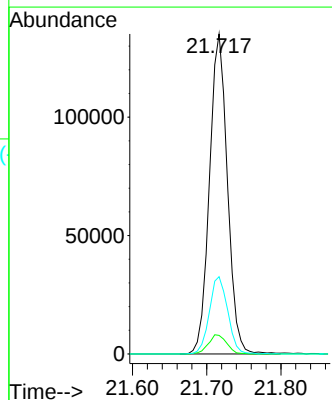
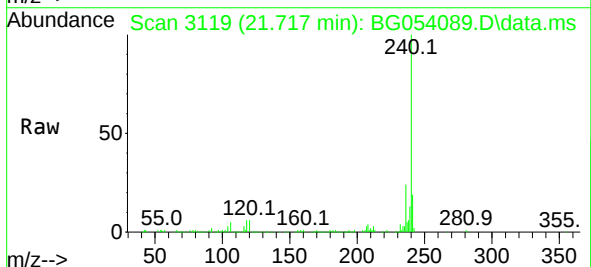
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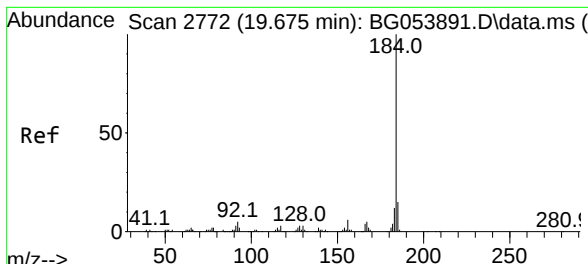
Tgt Ion:248 Resp: 11083
Ion Ratio Lower Upper
248 100
250 159.0 75.2 112.8#
141 345.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.717 min Scan# 3119
Delta R.T. -0.002 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

Tgt Ion:240 Resp: 227369
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 24.1 20.2 30.4

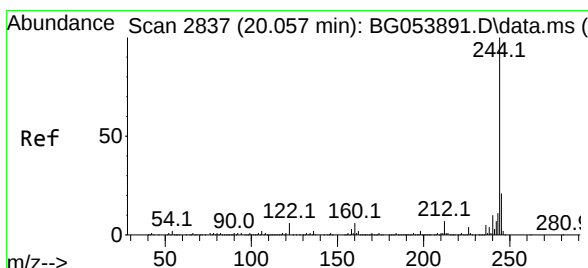
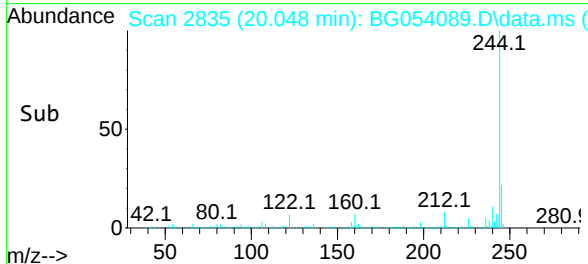
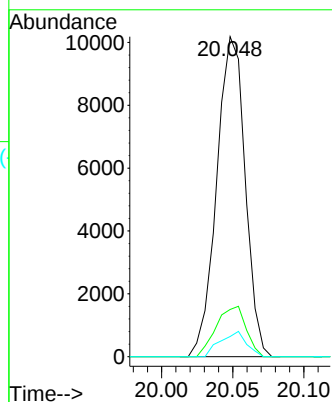
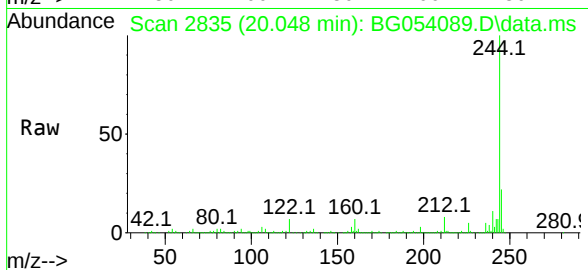




#77
Benzidine
Concen: 3.013 ng
RT: 20.048 min Scan# 21
Delta R.T. 0.385 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

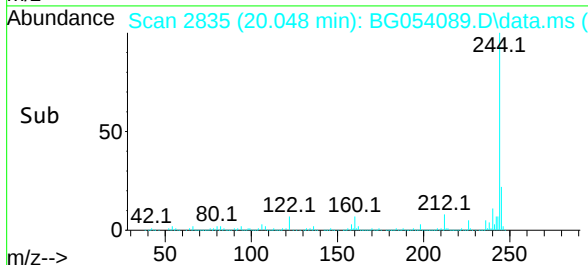
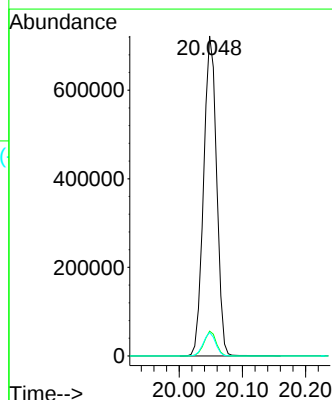
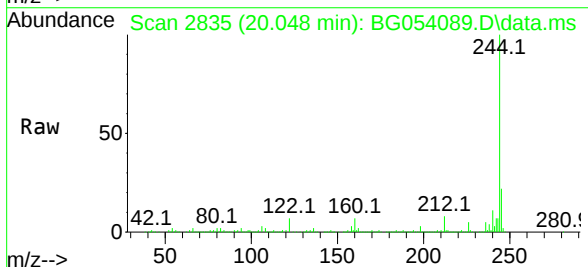
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BNA_G
ClientSampleId :
PB145813BL

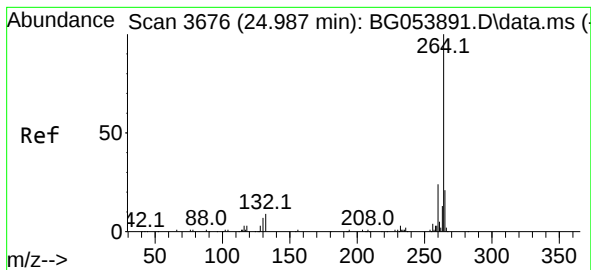
Tgt Ion:184 Resp: 14185
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 6.3 8.9 13.3#



#79
Terphenyl-d14
Concen: 91.400 ng
RT: 20.048 min Scan# 2835
Delta R.T. 0.003 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

Tgt Ion:244 Resp: 1031808
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 7.3 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.978 min Scan# 30
Delta R.T. 0.015 min
Lab File: BG054089.D
Acq: 27 Jun 2022 10:44

Instrument :
BNA_G
ClientSampleId :
PB145813BL

Tgt Ion:264 Resp: 225125

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.0	17.4	26.2

