

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054140.D
 Acq On : 29 Jun 2022 11:33
 Operator : CG/JU
 Sample : PB145884BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145884BL

Quant Time: Jun 29 13:47:42 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)

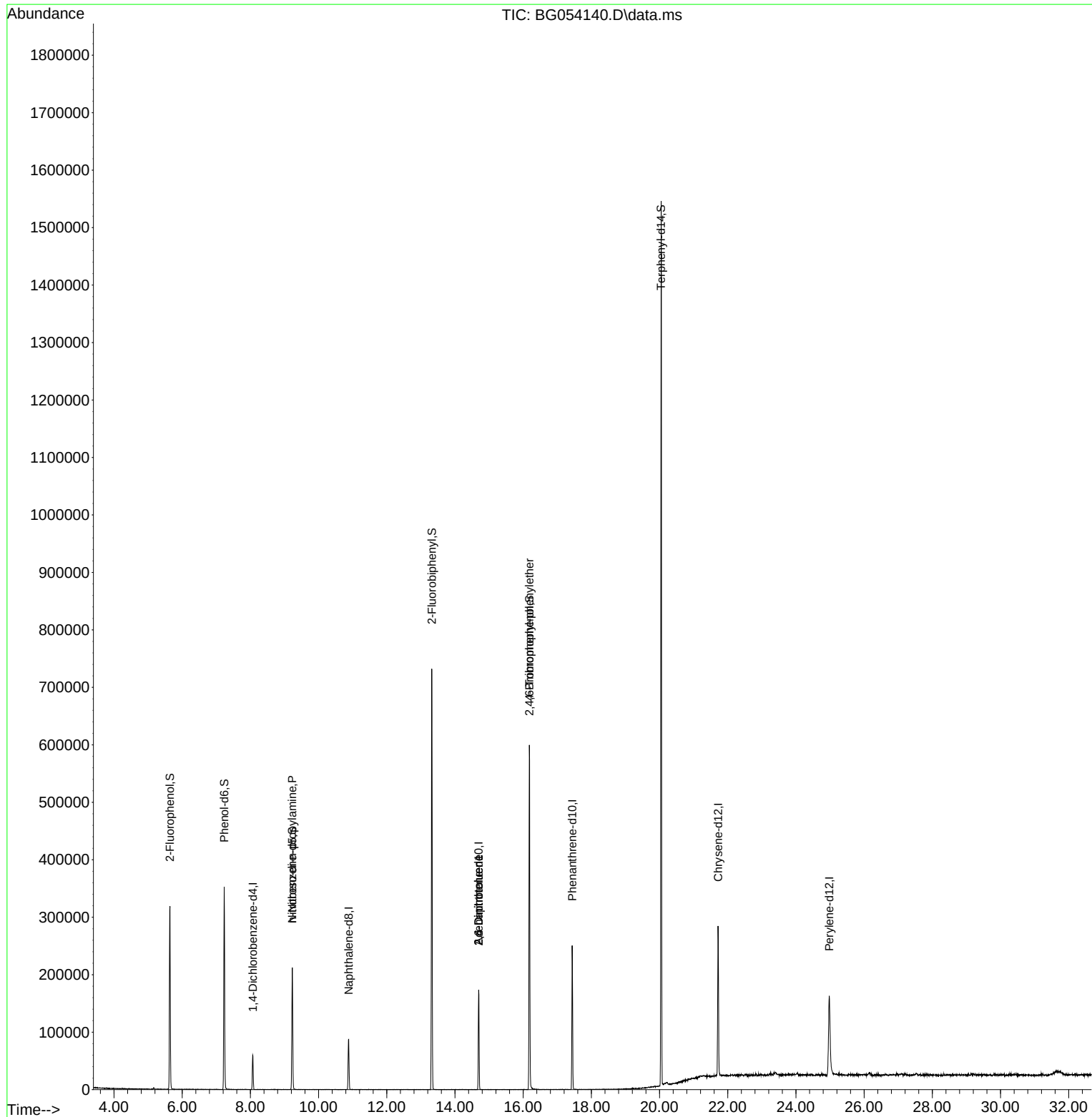
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	19527	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	84853	20.000	ng	# 0.00
39) Acenaphthene-d10	14.694	164	69718	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	179872	20.000	ng	0.00
76) Chrysene-d12	21.715	240	185279	20.000	ng	0.00
86) Perylene-d12	24.976	264	186157	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	152776	149.585	ng	0.00
7) Phenol-d6	7.232	99	214034	154.480	ng	0.00
23) Nitrobenzene-d5	9.230	82	137528	91.082	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	151697	135.426	ng	0.00
45) 2-Fluorobiphenyl	13.319	172	419185	87.431	ng	0.00
79) Terphenyl-d14	20.047	244	874526	95.066	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.230	70	18700	20.090	ng	# 78
51) 2,6-Dinitrotoluene	14.694	165	9769	9.106	ng	# 16
57) 2,4-Dinitrotoluene	14.694	165	9769	6.448	ng	# 21
67) 4-Bromophenyl-phenylether	16.181	248	9403	4.186	ng	# 1

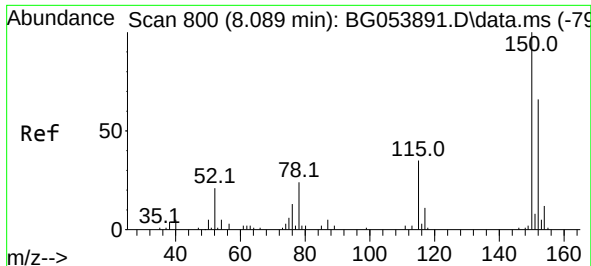
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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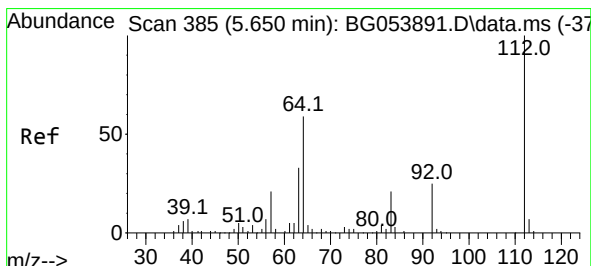
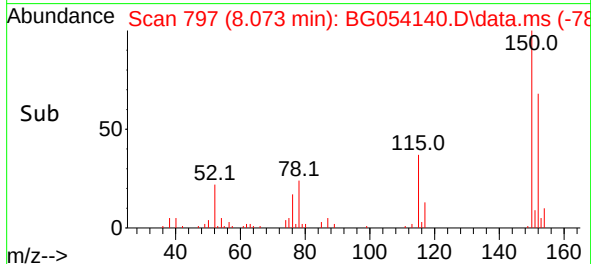
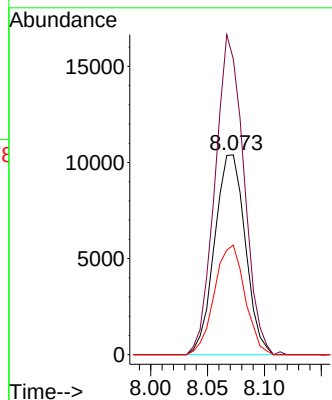
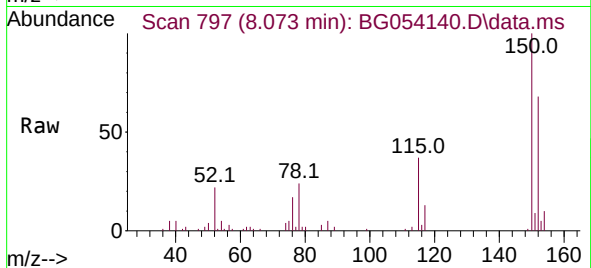




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.073 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

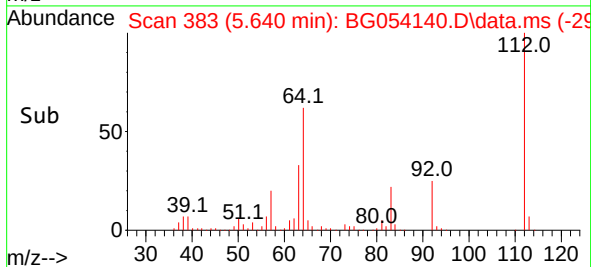
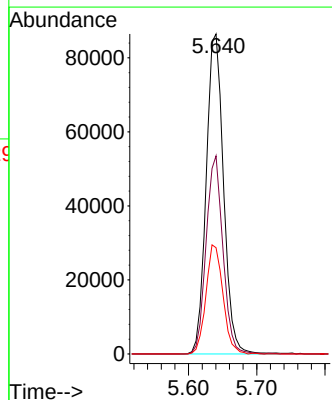
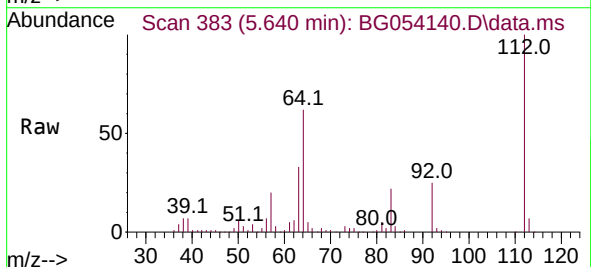
Instrument :
BNA_G
ClientSampleId :
PB145884BL

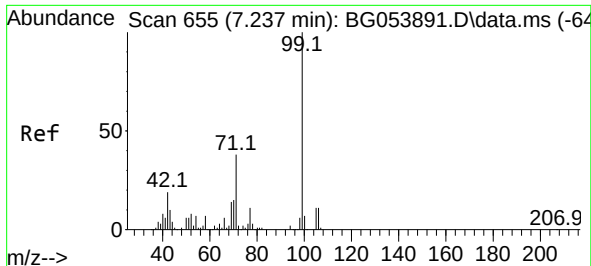
Tgt Ion:152 Resp: 19527
Ion Ratio Lower Upper
152 100
150 147.9 131.6 197.4
115 54.8 50.9 76.3



#5
2-Fluorophenol
Concen: 149.585 ng
RT: 5.640 min Scan# 383
Delta R.T. 0.002 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

Tgt Ion:112 Resp: 152776
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 33.2 30.4 45.6

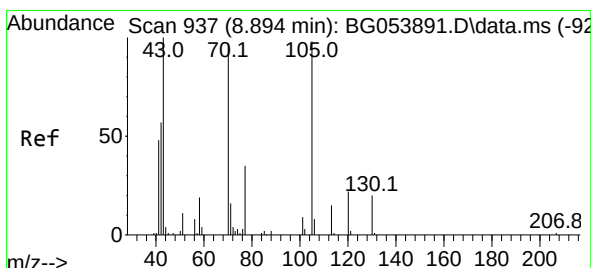
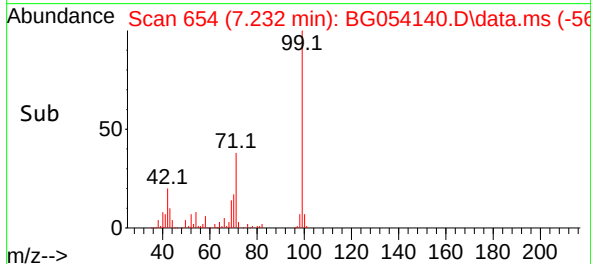
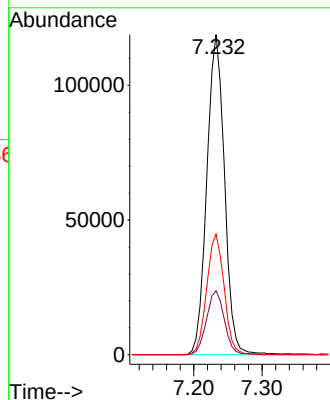
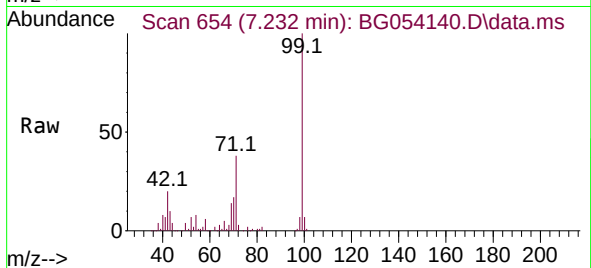




#7
Phenol-d6
Concen: 154.480 ng
RT: 7.232 min Scan# 611
Delta R.T. 0.002 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

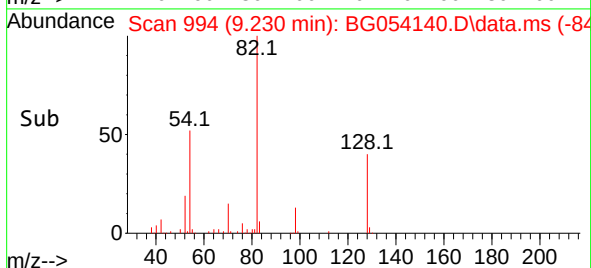
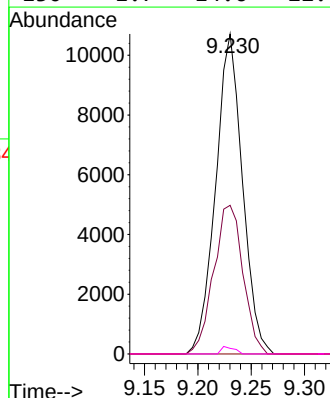
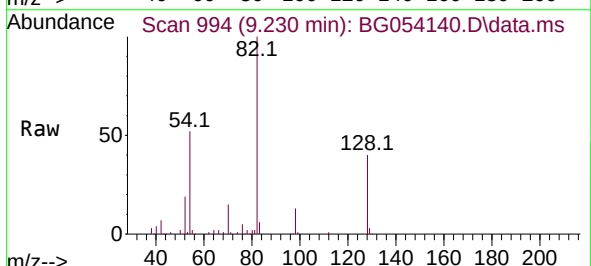
Instrument :
BNA_G
ClientSampleId :
PB145884BL

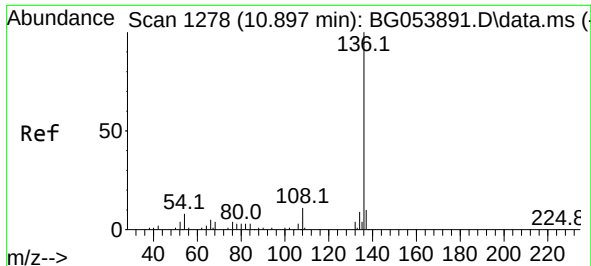
Tgt Ion: 99 Resp: 214034
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 37.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.090 ng
RT: 9.230 min Scan# 994
Delta R.T. 0.355 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

Tgt Ion: 70 Resp: 18700
Ion Ratio Lower Upper
70 100
42 46.5 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

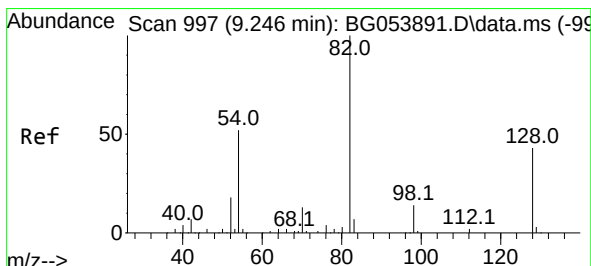
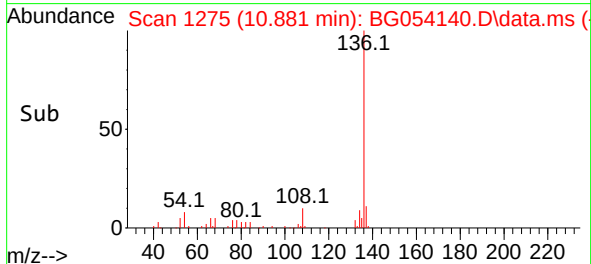
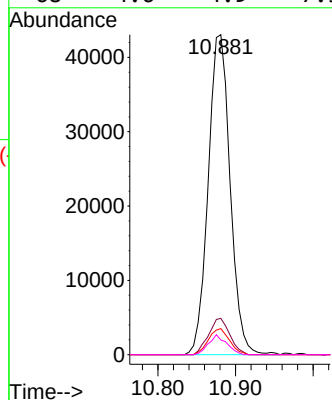
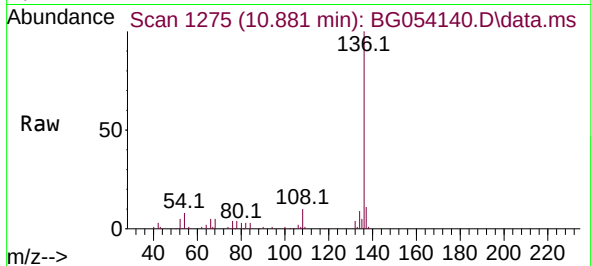




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

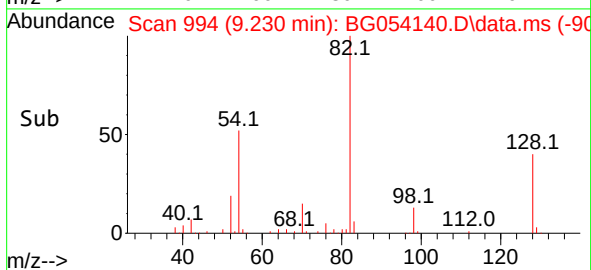
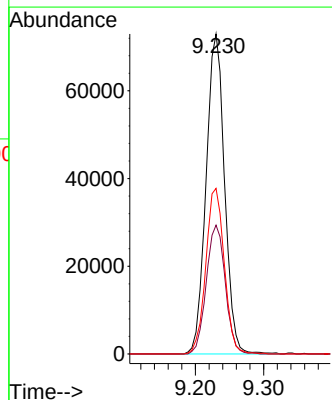
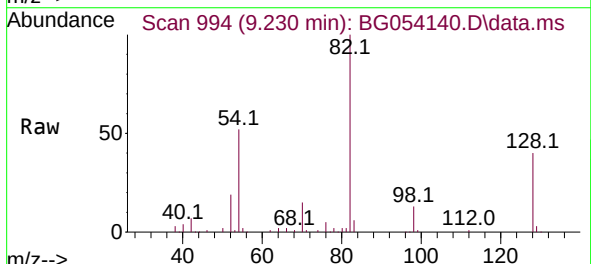
Instrument :
BNA_G
ClientSampleId :
PB145884BL

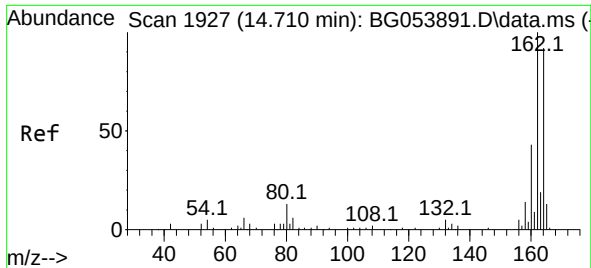
Tgt Ion:	136	Resp:	84853
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	8.2	7.4	11.2
68	4.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.082 ng
RT: 9.230 min Scan# 994
Delta R.T. -0.004 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

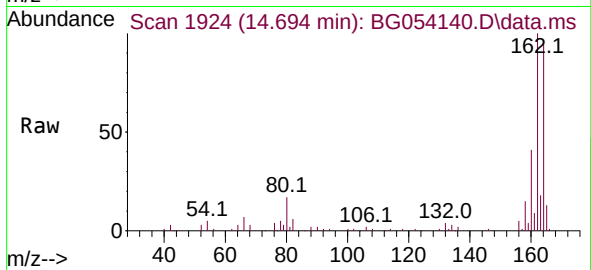
Tgt Ion:	82	Resp:	137528
Ion Ratio	Lower	Upper	
82	100		
128	40.2	27.9	41.9
54	51.7	41.2	61.8



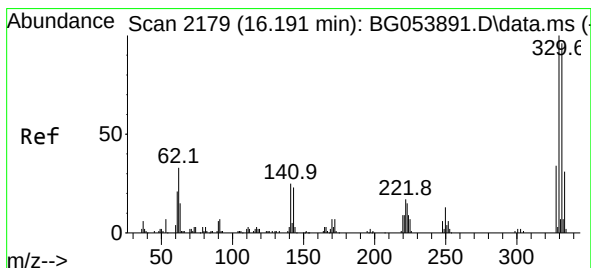
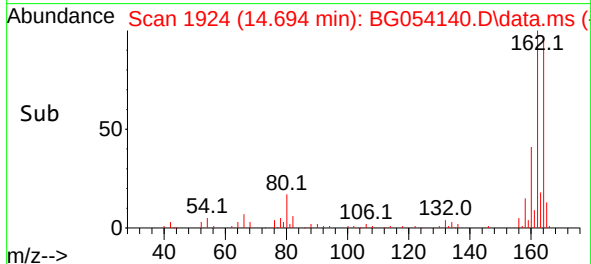
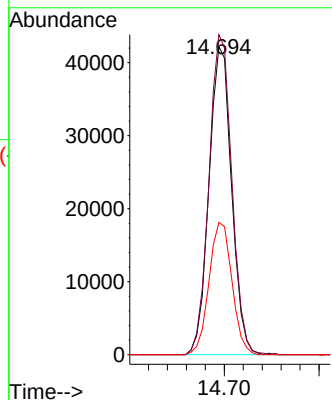


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.694 min Scan# 1924
Delta R.T. -0.004 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

Instrument :
BNA_G
ClientSampleId :
PB145884BL

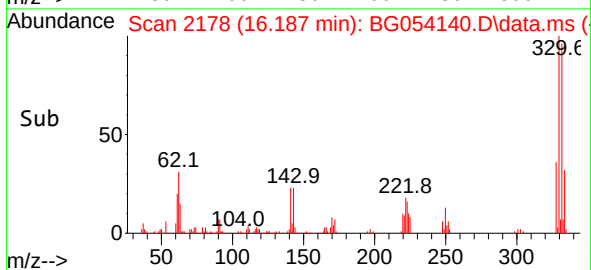
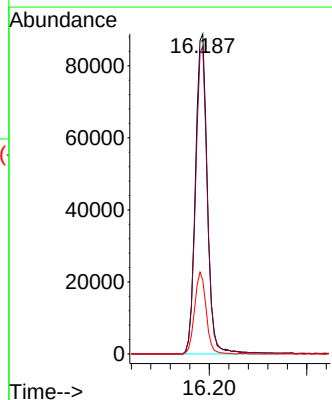
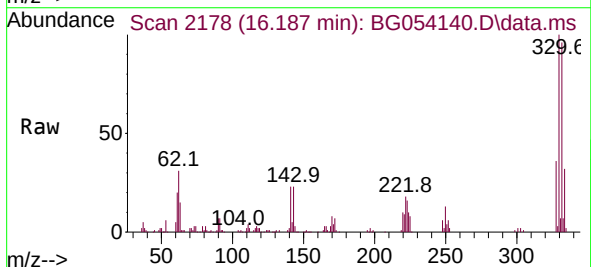


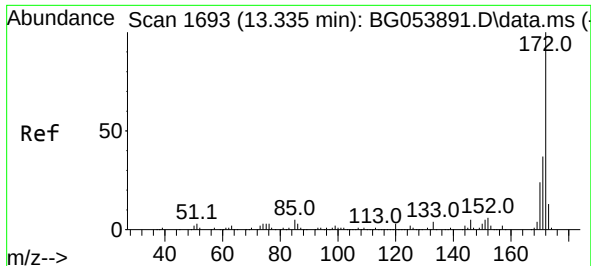
Tgt Ion:164 Resp: 69718
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 43.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 135.426 ng
RT: 16.187 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

Tgt Ion:330 Resp: 151697
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 24.7 27.1 40.7#

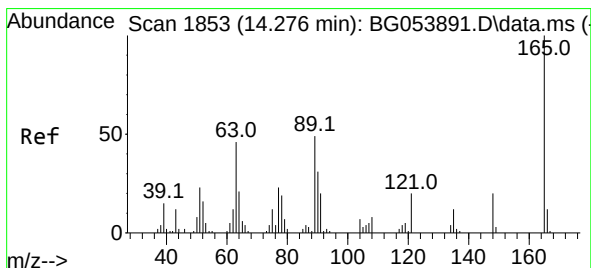
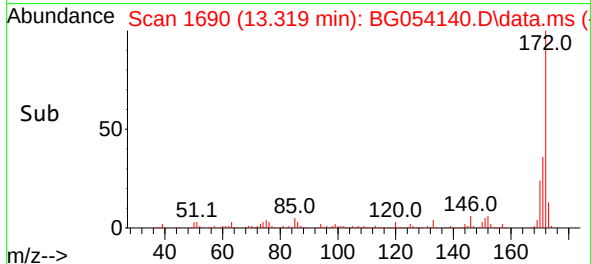
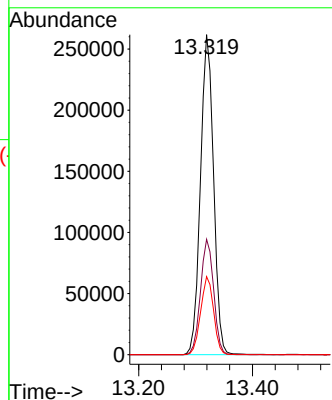
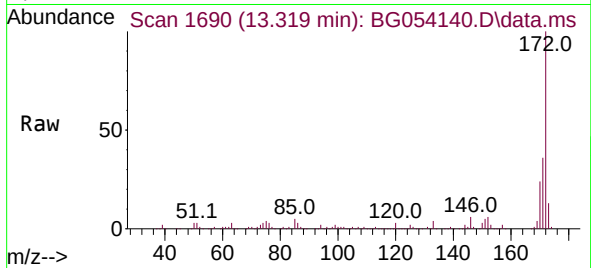




#45
2-Fluorobiphenyl
Concen: 87.431 ng
RT: 13.319 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

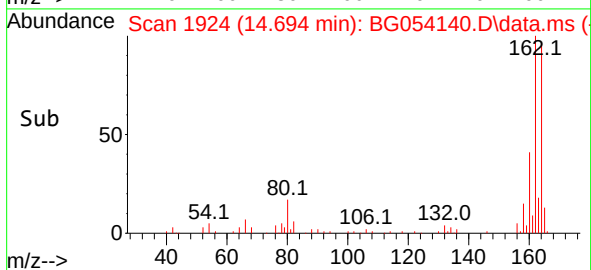
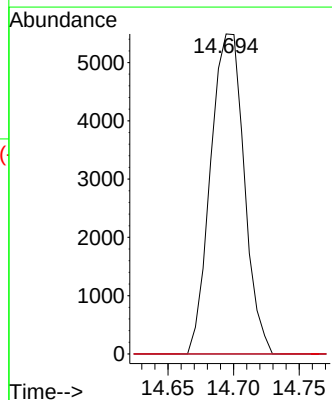
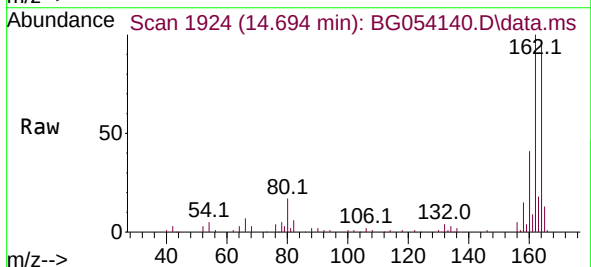
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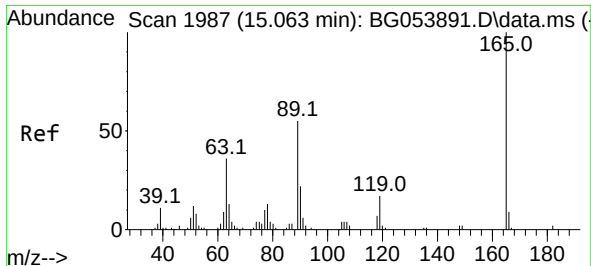
Tgt Ion:172 Resp: 419185
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.106 ng
RT: 14.694 min Scan# 1924
Delta R.T. 0.431 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

Tgt Ion:165 Resp: 9769
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

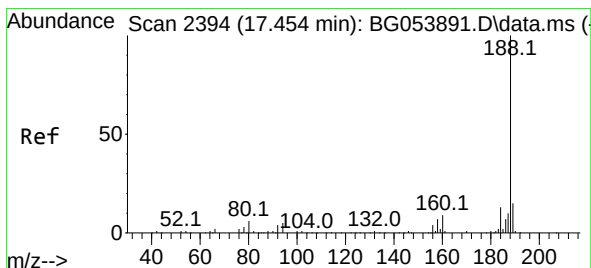
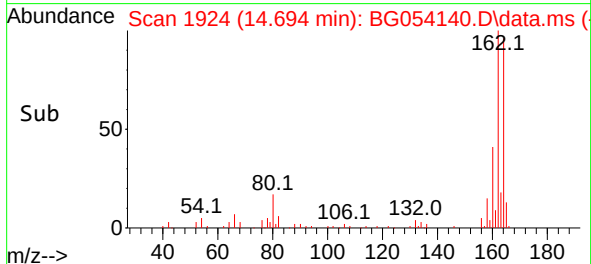
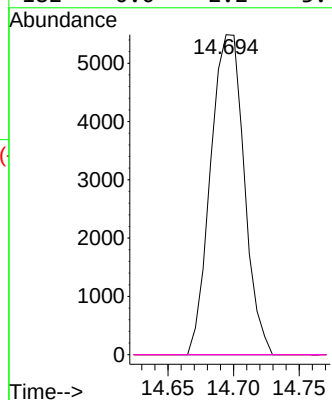
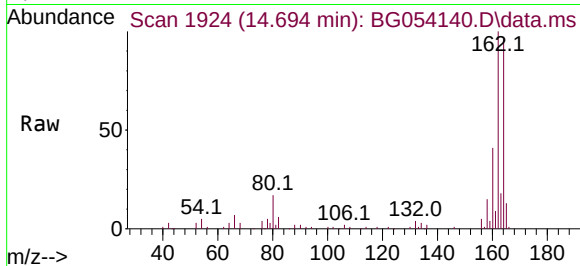




#57
2,4-Dinitrotoluene
Concen: 6.448 ng
RT: 14.694 min Scan# 1987
Delta R.T. -0.356 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

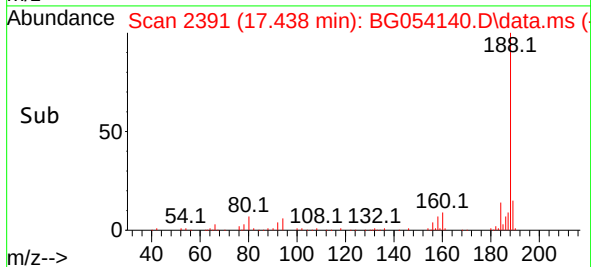
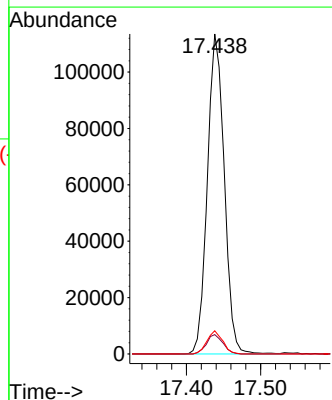
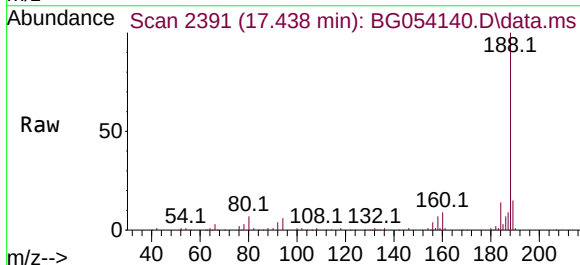
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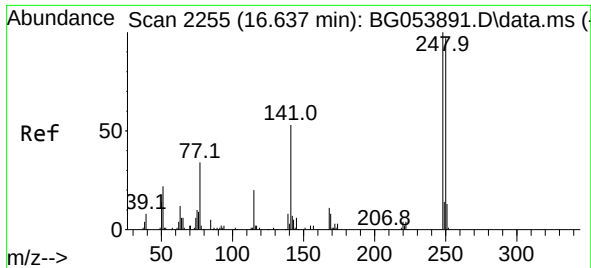
Tgt Ion:165 Resp: 9769
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.438 min Scan# 2391
Delta R.T. -0.004 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

Tgt Ion:188 Resp: 179872
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 7.2 6.8 10.2

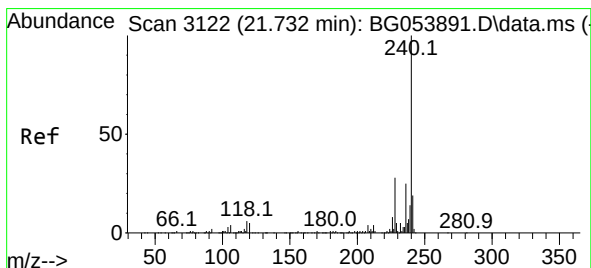
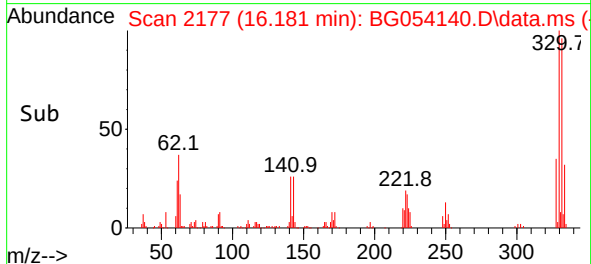
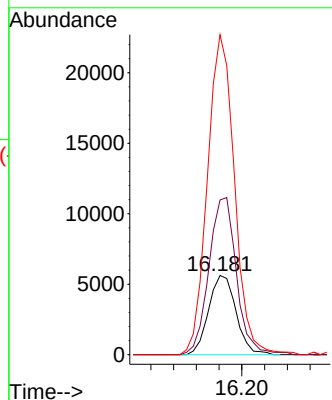
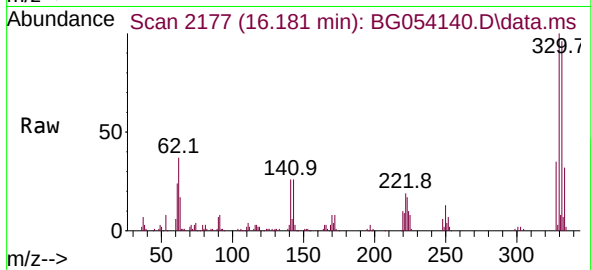




#67
4-Bromophenyl-phenylether
Concen: 4.186 ng
RT: 16.181 min Scan# 2119
Delta R.T. -0.444 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

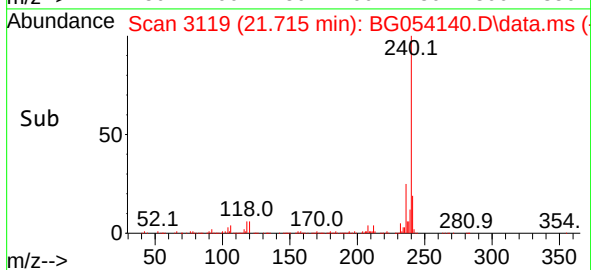
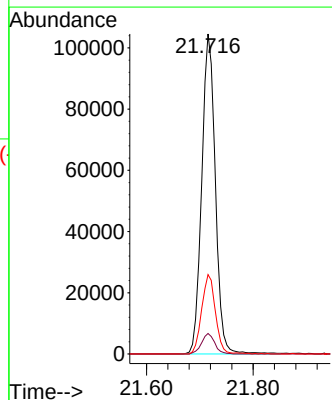
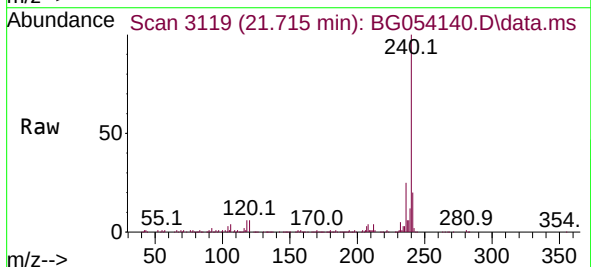
Instrument :
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PB145884BL

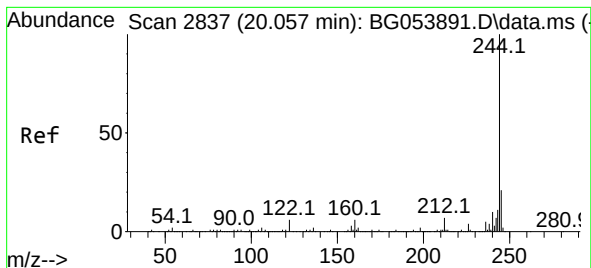
Tgt Ion:248 Resp: 9403
Ion Ratio Lower Upper
248 100
250 259.1 75.2 112.8#
141 403.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG054140.D
Acq: 29 Jun 2022 11:33

Tgt Ion:240 Resp: 185279
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 24.8 20.2 30.4





#79

Terphenyl-d14

Concen: 95.066 ng

RT: 20.047 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054140.D

Acq: 29 Jun 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB145884BL

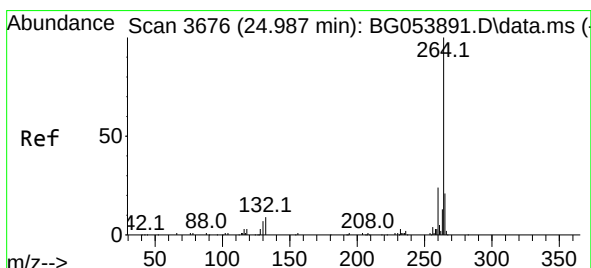
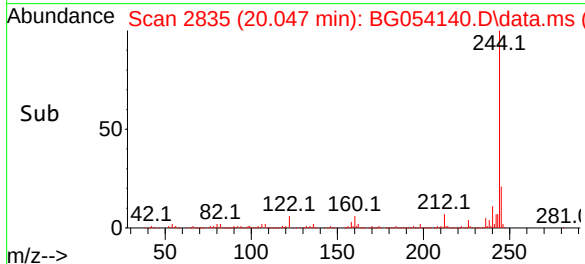
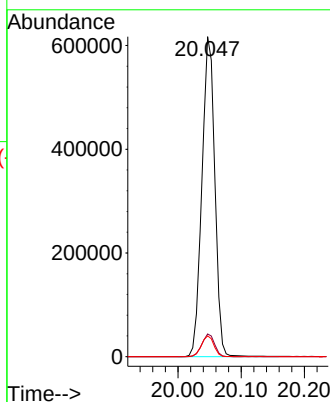
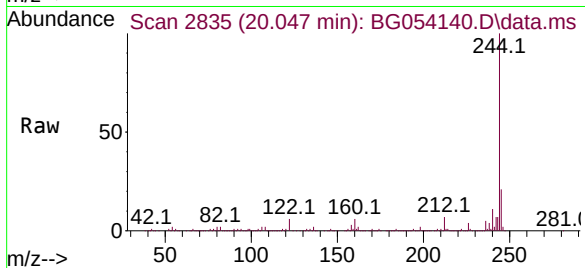
Tgt Ion:244 Resp: 874526

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 6.5 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.976 min Scan# 3674

Delta R.T. 0.014 min

Lab File: BG054140.D

Acq: 29 Jun 2022 11:33

Tgt Ion:264 Resp: 186157

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 23.1 17.4 26.2

