

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
 Data File : BG053164.D
 Acq On : 15 Apr 2022 14:44
 Operator : CG/JU
 Sample : PB144139BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144139BL

Quant Time: Apr 18 03:14:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

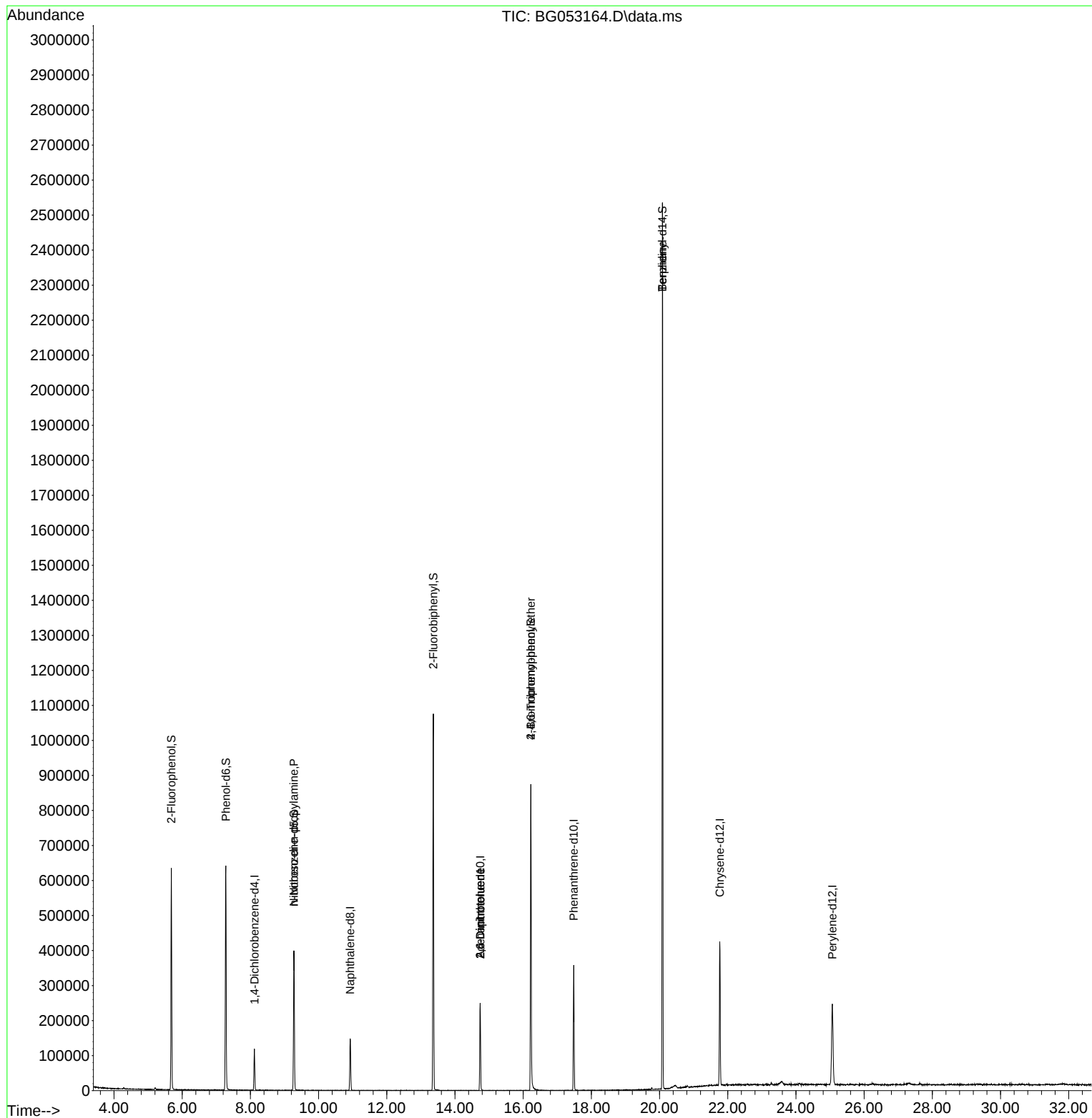
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	31795	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	125191	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	94600	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	239377	20.000	ng	0.00
76) Chrysene-d12	21.765	240	278332	20.000	ng	0.00
86) Perylene-d12	25.067	264	273708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	253153	136.484	ng	0.00
7) Phenol-d6	7.279	99	363042	126.923	ng	0.00
23) Nitrobenzene-d5	9.277	82	256887	83.317	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	182741	121.419	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	577471	84.173	ng	0.00
79) Terphenyl-d14	20.085	244	1295218	78.593	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.277	70	35518	16.961	ng	# 80
51) 2,6-Dinitrotoluene	14.740	165	12000	7.602	ng	# 27
57) 2,4-Dinitrotoluene	14.740	165	12000	5.340	ng	# 25
67) 4-Bromophenyl-phenylether	16.226	248	11983	3.907	ng	# 1
77) Benzidine	20.085	184	21829	2.749	ng	# 92

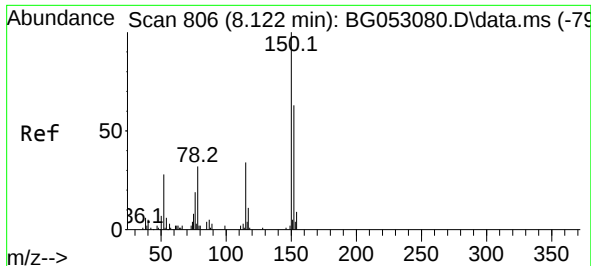
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 18 03:14:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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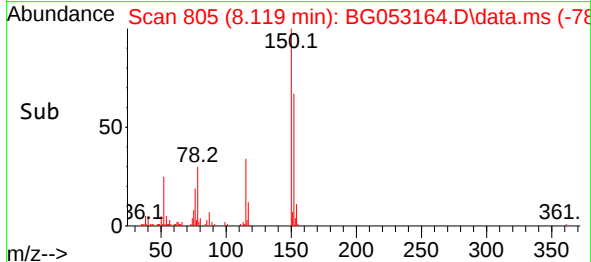
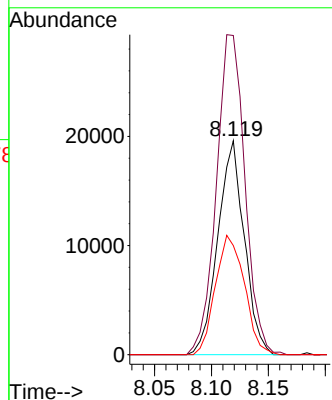
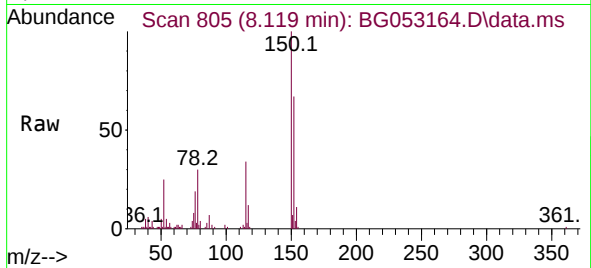




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.119 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

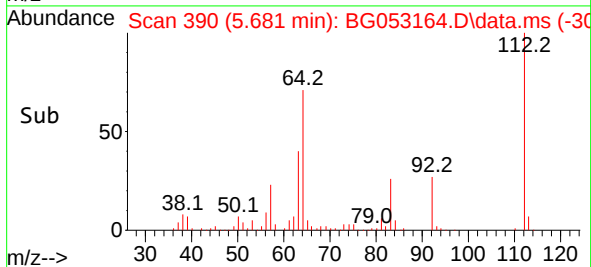
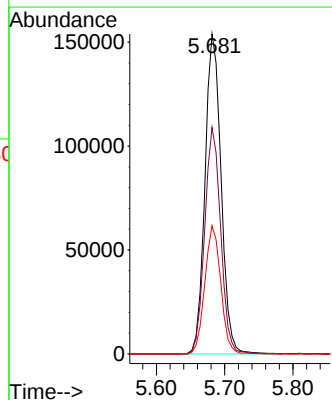
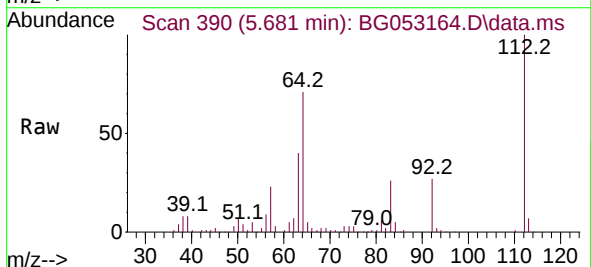
Instrument :
BNA_G
ClientSampleId :
PB144139BL

Tgt Ion:152 Resp: 31795
Ion Ratio Lower Upper
152 100
150 149.2 114.6 172.0
115 51.0 45.9 68.9



#5
2-Fluorophenol
Concen: 136.484 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

Tgt Ion:112 Resp: 253153
Ion Ratio Lower Upper
112 100
64 70.8 48.0 72.0
63 40.1 26.5 39.7#

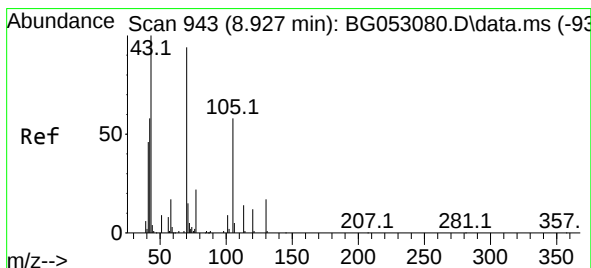
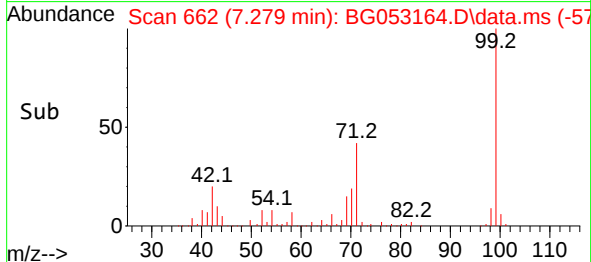
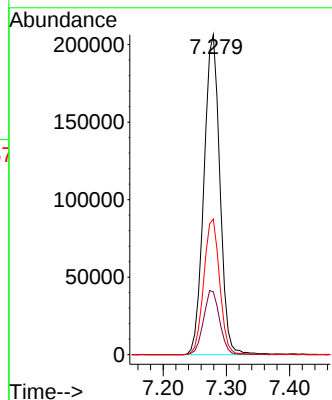
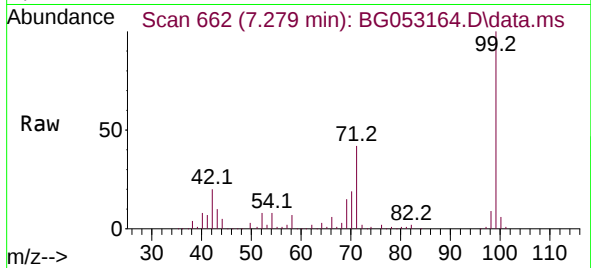




#7
Phenol-d6
Concen: 126.923 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

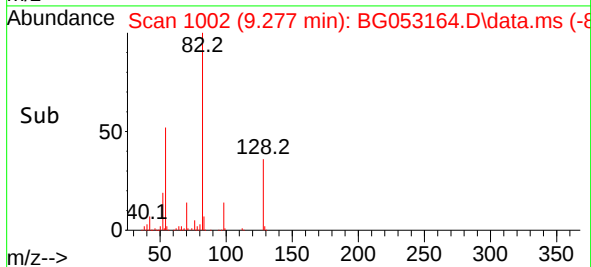
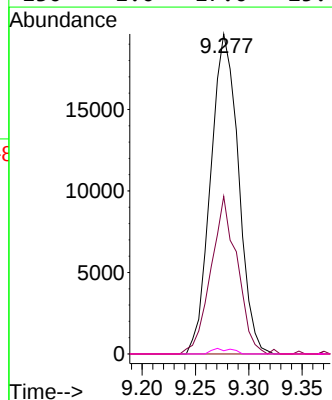
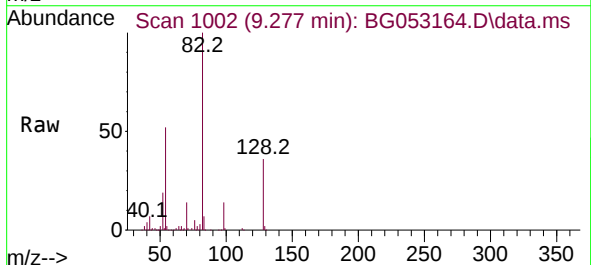
Instrument :
BNA_G
ClientSampleId :
PB144139BL

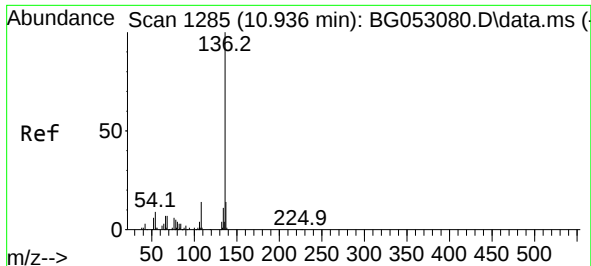
Tgt Ion: 99 Resp: 363042
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.961 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.350 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

Tgt Ion: 70 Resp: 35518
Ion Ratio Lower Upper
70 100
42 49.3 46.0 69.0
101 0.0 6.2 9.4#
130 1.0 17.0 25.4#

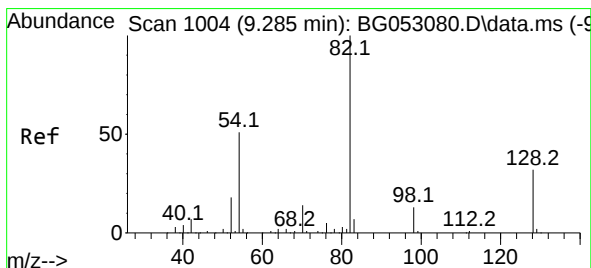
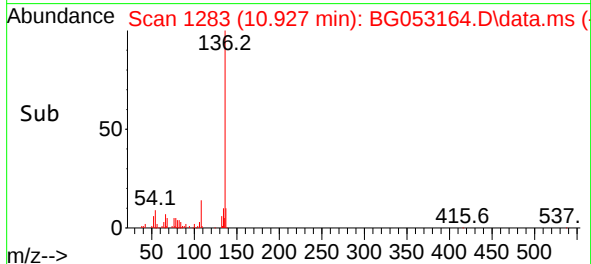
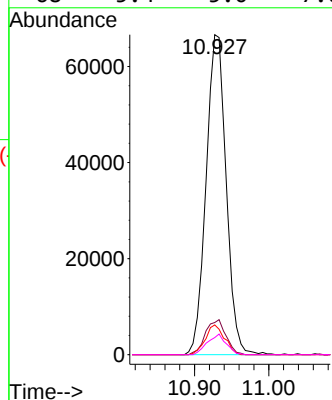
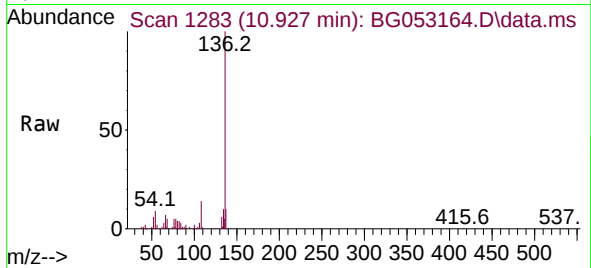




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

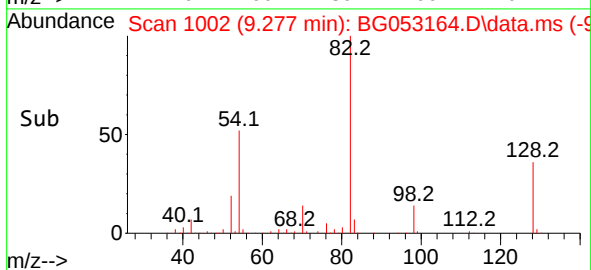
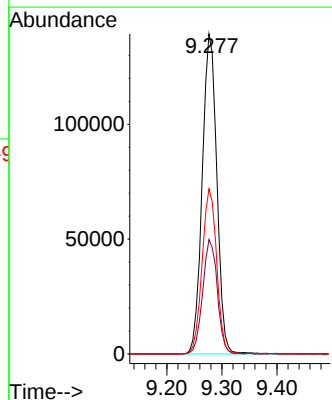
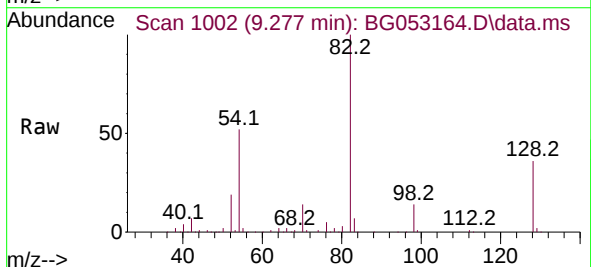
Instrument :
BNA_G
ClientSampleId :
PB144139BL

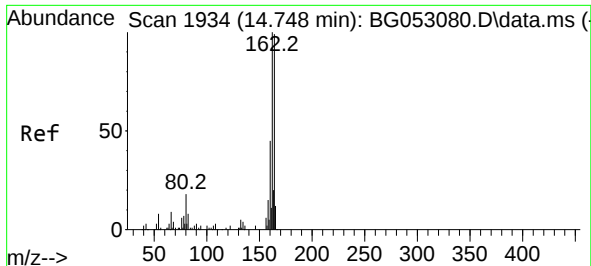
Tgt Ion:	136	Resp:	125191
Ion Ratio	Lower	Upper	
136	100		
137	10.1	9.4	14.2
54	9.3	6.4	9.6
68	5.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 83.317 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

Tgt Ion:	82	Resp:	256887
Ion Ratio	Lower	Upper	
82	100		
128	35.8	31.3	46.9
54	51.6	37.8	56.8

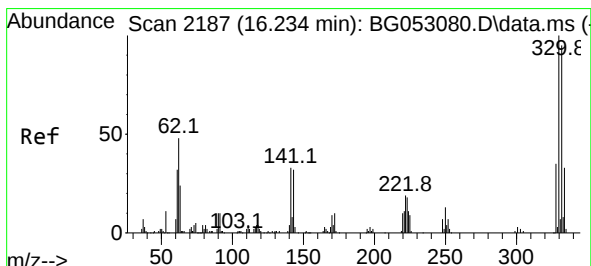
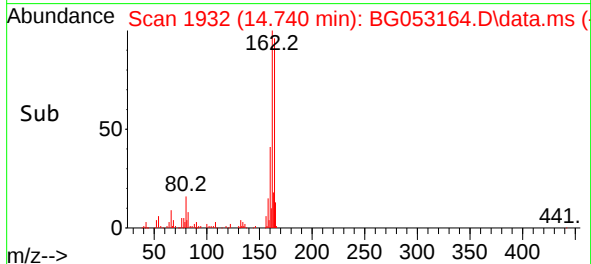
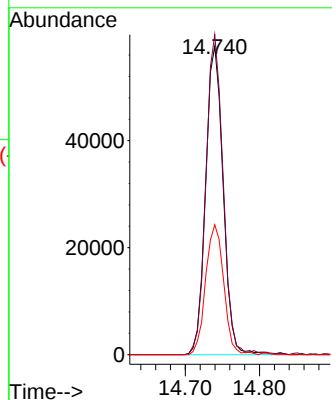
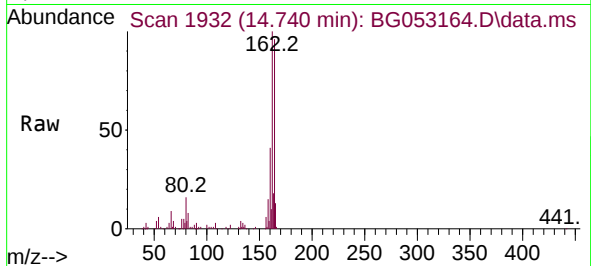




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

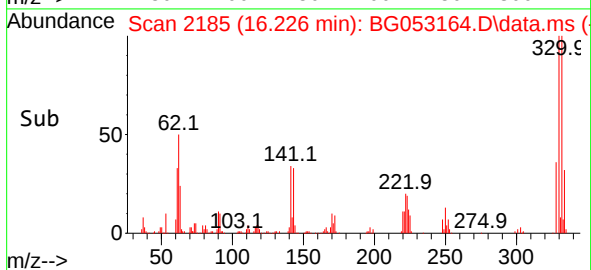
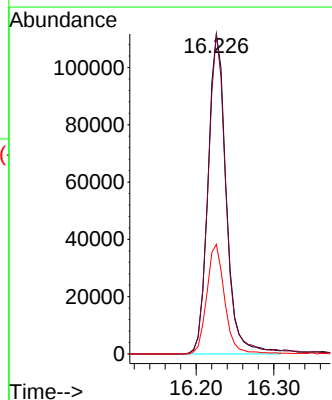
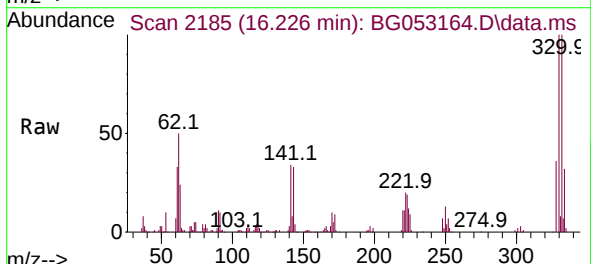
Instrument :
BNA_G
ClientSampleId :
PB144139BL

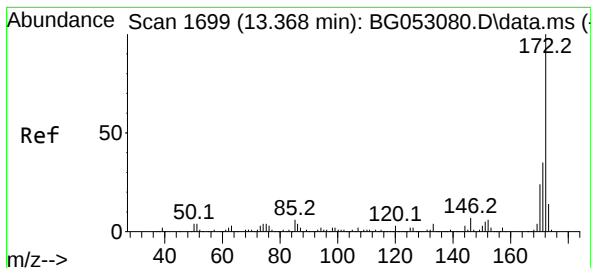
Tgt Ion:164 Resp: 94600
Ion Ratio Lower Upper
164 100
162 103.7 80.0 120.0
160 42.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 121.419 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

Tgt Ion:330 Resp: 182741
Ion Ratio Lower Upper
330 100
332 99.3 75.8 113.6
141 33.7 24.6 36.8

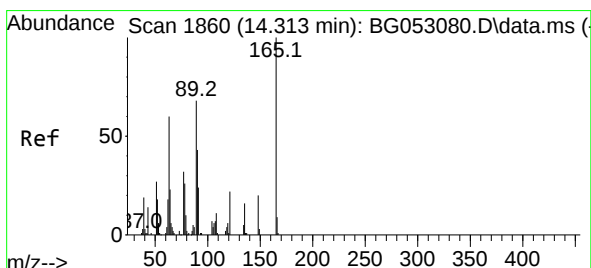
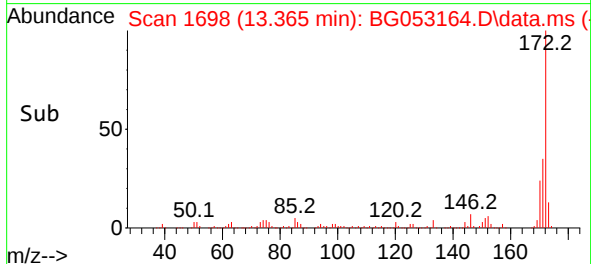
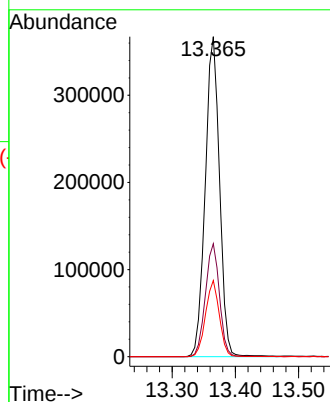
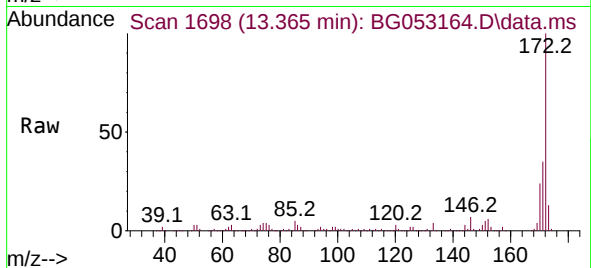




#45
2-Fluorobiphenyl
Concen: 84.173 ng
RT: 13.365 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

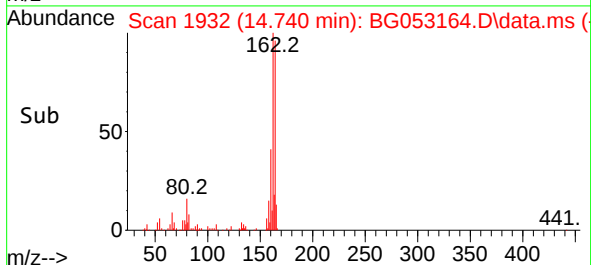
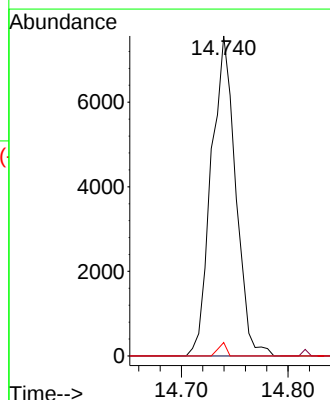
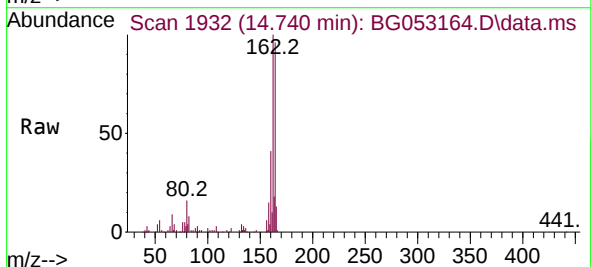
Instrument :
BNA_G
ClientSampleId :
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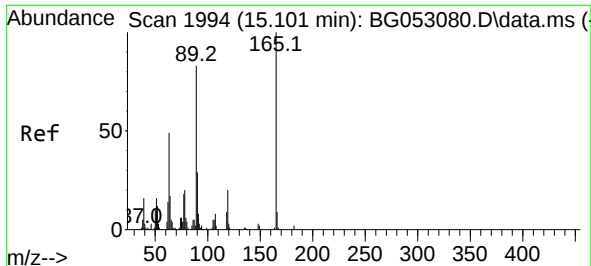
Tgt Ion:172 Resp: 577471
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.8 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.602 ng
RT: 14.740 min Scan# 1932
Delta R.T. 0.426 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

Tgt Ion:165 Resp: 12000
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 4.2 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.340 ng

RT: 14.740 min Scan# 1994

Delta R.T. -0.361 min

Lab File: BG053164.D

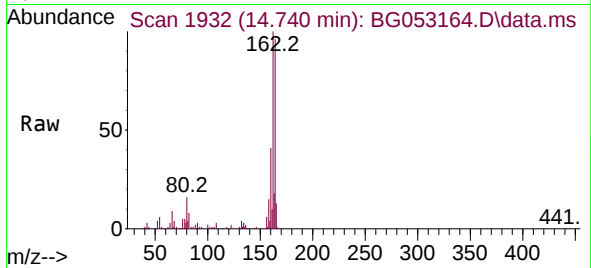
Acq: 15 Apr 2022 14:44

Instrument :

BNA_G

ClientSampleId :

PB144139BL



Tgt Ion:165 Resp: 12000

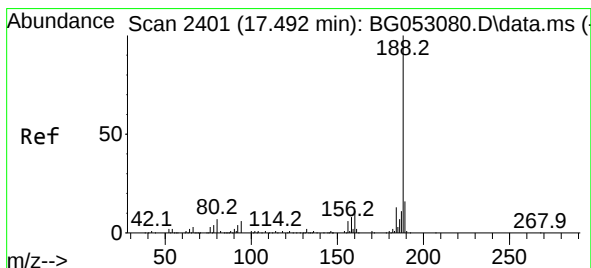
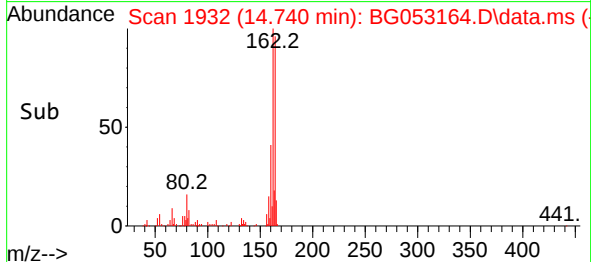
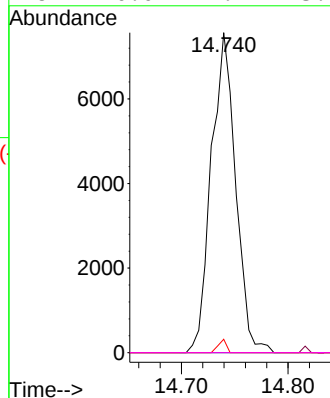
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 4.2 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.483 min Scan# 2399

Delta R.T. -0.009 min

Lab File: BG053164.D

Acq: 15 Apr 2022 14:44

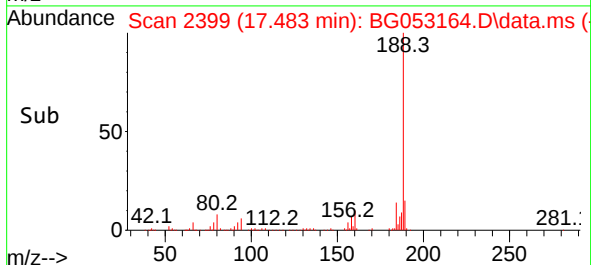
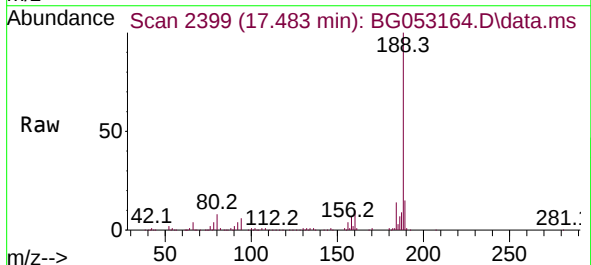
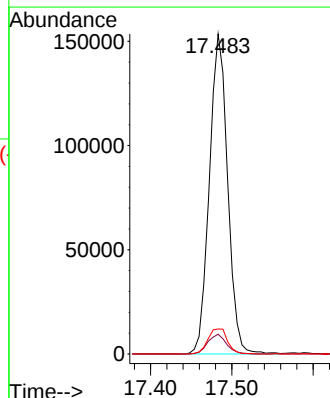
Tgt Ion:188 Resp: 239377

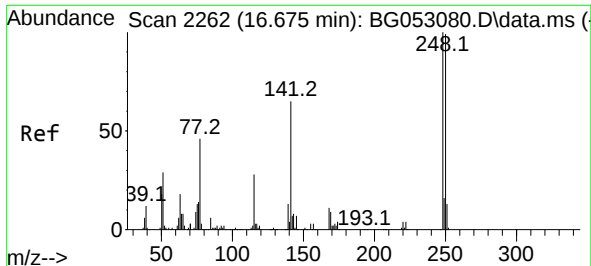
Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

80 7.8 7.2 10.8

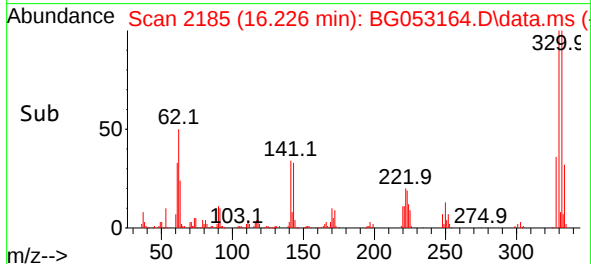
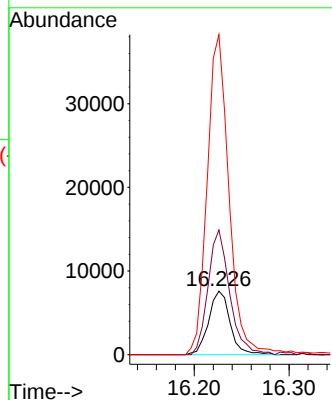
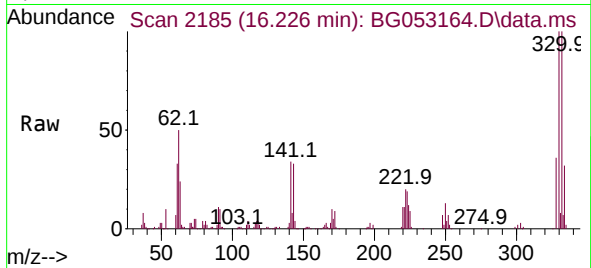




#67
4-Bromophenyl-phenylether
Concen: 3.907 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.449 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

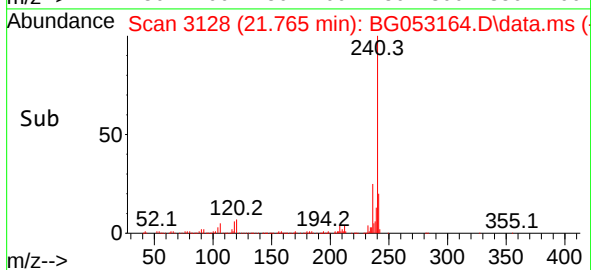
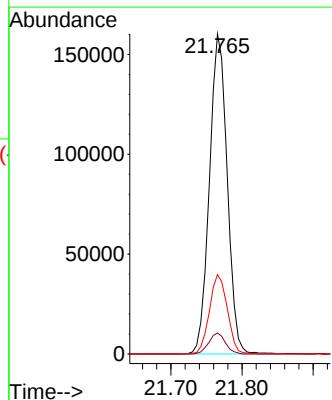
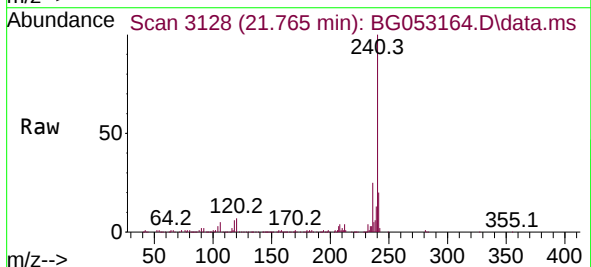
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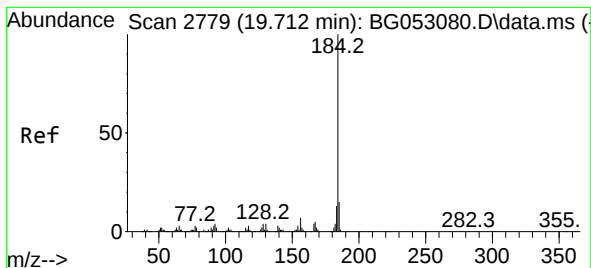
Tgt Ion:248 Resp: 11983
Ion Ratio Lower Upper
248 100
250 196.6 77.9 116.9#
141 503.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BG053164.D
Acq: 15 Apr 2022 14:44

Tgt Ion:240 Resp: 278332
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 24.8 19.8 29.6





#77

Benzidine

Concen: 2.749 ng

RT: 20.085 min Scan# 2842

Delta R.T. 0.373 min

Lab File: BG053164.D

Acq: 15 Apr 2022 14:44

Instrument :

BNA_G

ClientSampleId :

PB144139BL

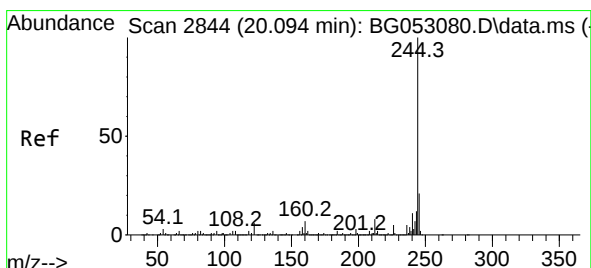
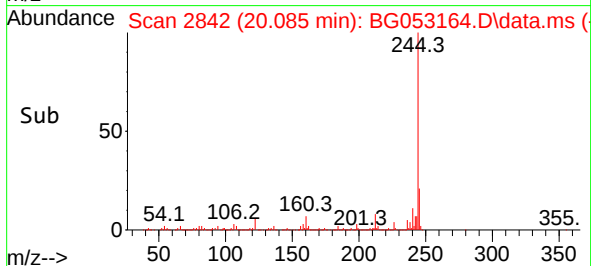
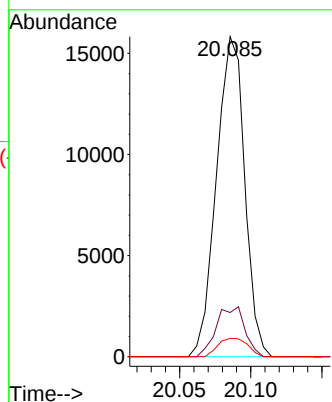
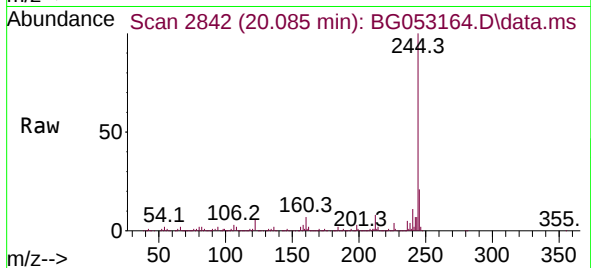
Tgt Ion:184 Resp: 21829

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 5.7 9.4 14.2#



#79

Terphenyl-d14

Concen: 78.593 ng

RT: 20.085 min Scan# 2842

Delta R.T. -0.009 min

Lab File: BG053164.D

Acq: 15 Apr 2022 14:44

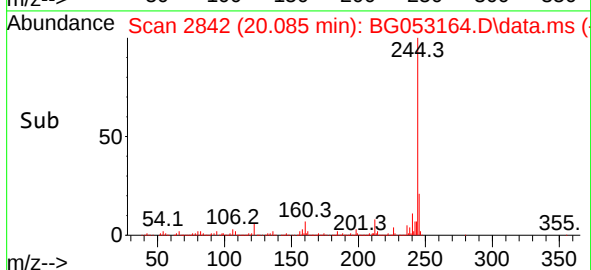
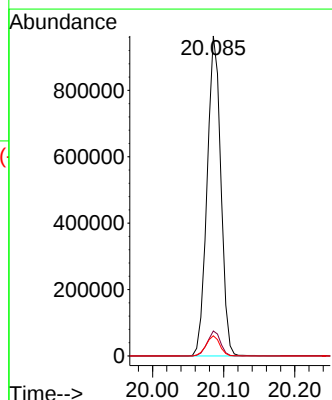
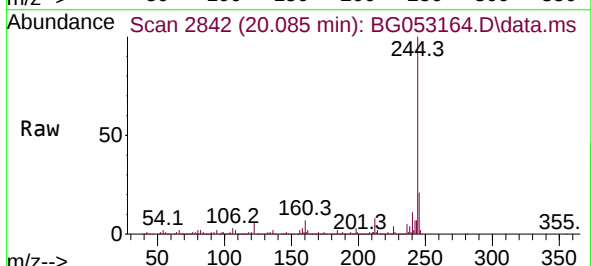
Tgt Ion:244 Resp: 1295218

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

122 6.3 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.067 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG053164.D
 Acq: 15 Apr 2022 14:44

Instrument :
 BNA_G
 ClientSampleId :
 PB144139BL

Tgt Ion:264 Resp: 273708
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 20.1 15.1 22.7

