

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053226.D
 Acq On : 20 Apr 2022 21:48
 Operator : CG/JU
 Sample : N2451-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-8085

Quant Time: Apr 21 06:05:12 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)

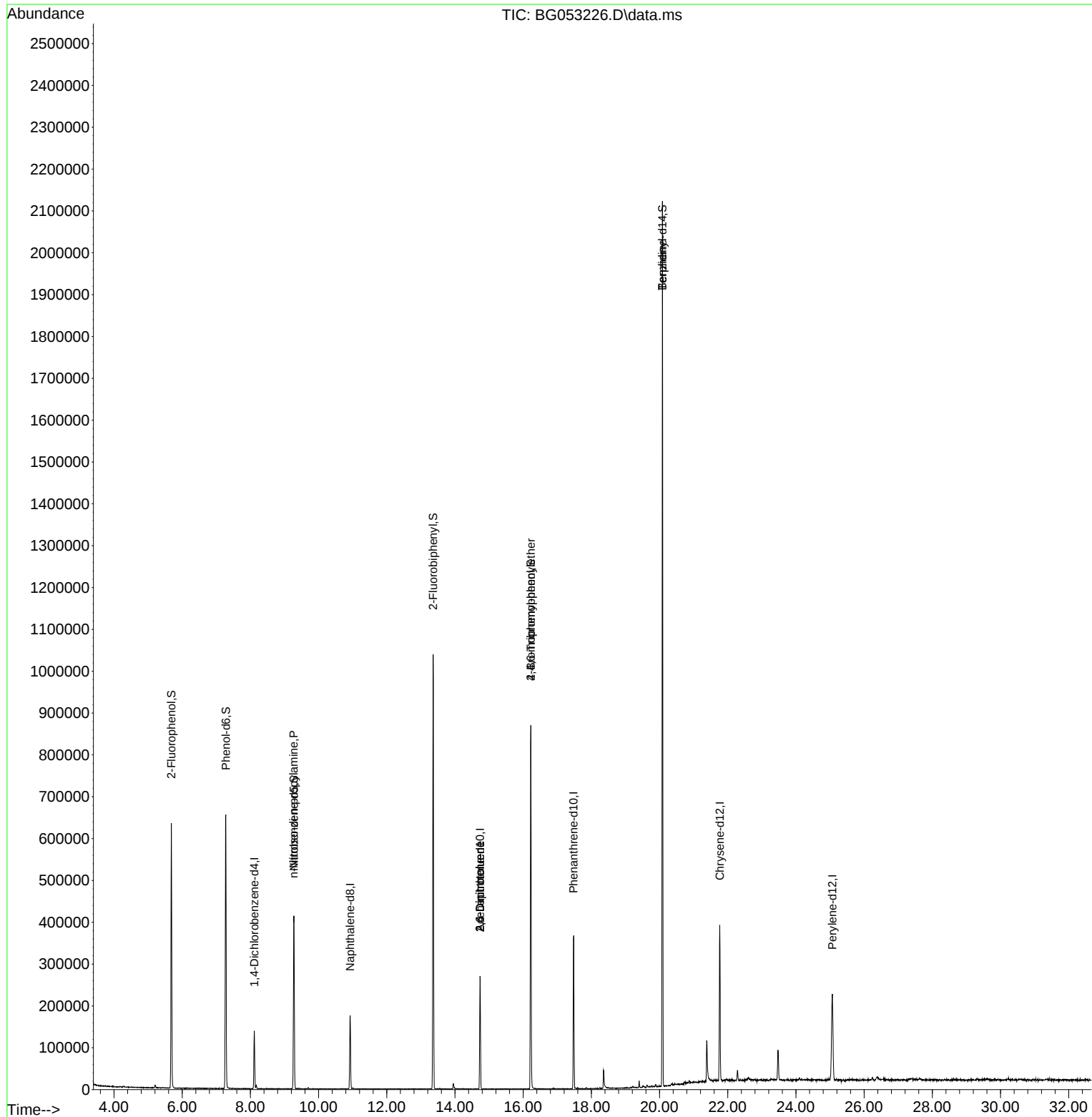
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	37045	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	143869	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	101857	20.000	ng	-0.01
64) Phenanthrene-d10	17.477	188	235520	20.000	ng	-0.01
76) Chrysene-d12	21.765	240	239009	20.000	ng	0.00
86) Perylene-d12	25.066	264	237492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	255706	118.323	ng	0.00
7) Phenol-d6	7.279	99	372375	111.736	ng	0.00
23) Nitrobenzene-d5	9.276	82	266267	75.147	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	178937	110.421	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	551652	74.681	ng	0.00
79) Terphenyl-d14	20.085	244	1035064	73.140	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.270	70	37902	15.535	ng	# 76
51) 2,6-Dinitrotoluene	14.733	165	13072	7.691	ng	# 24
57) 2,4-Dinitrotoluene	14.733	165	13072	5.402	ng	# 22
67) 4-Bromophenyl-phenylether	16.225	248	11525	3.819	ng	# 1
77) Benzidine	20.085	184	17494	2.565	ng	# 92

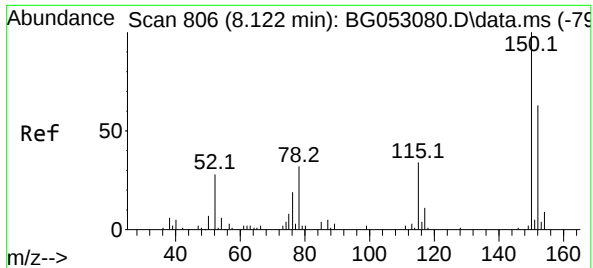
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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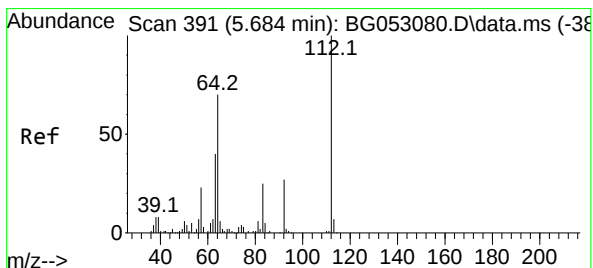
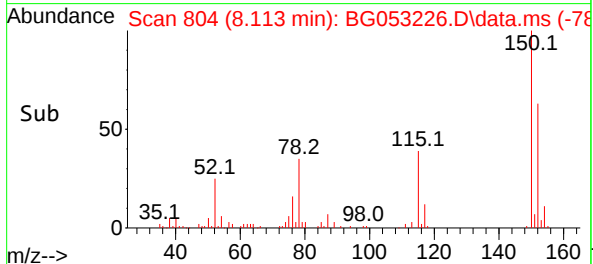
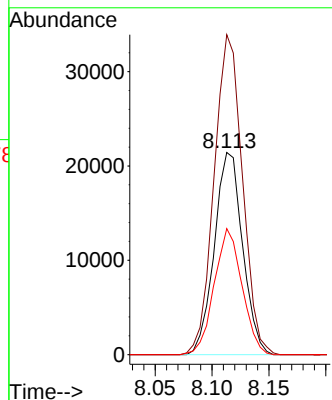
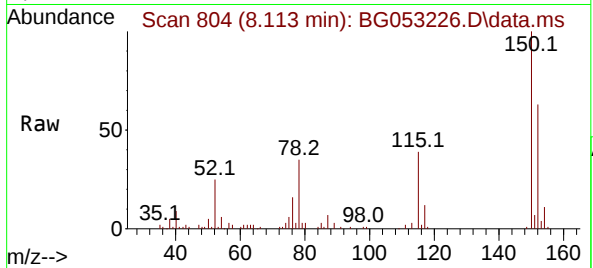




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

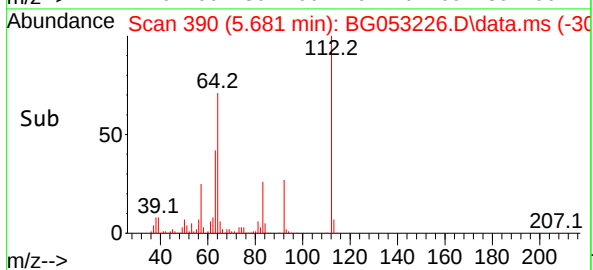
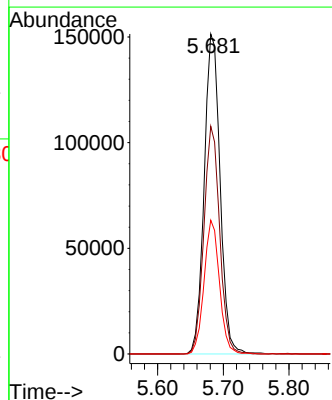
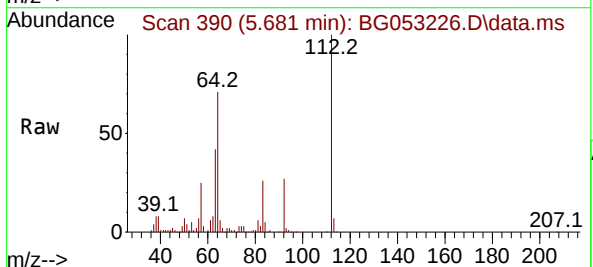
Instrument :
BNA_G
ClientSampleId :
SB-8085

Tgt Ion:152 Resp: 37045
Ion Ratio Lower Upper
152 100
150 158.2 114.6 172.0
115 62.4 45.9 68.9



#5
2-Fluorophenol
Concen: 118.323 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

Tgt Ion:112 Resp: 255706
Ion Ratio Lower Upper
112 100
64 71.2 48.0 72.0
63 41.8 26.5 39.7#

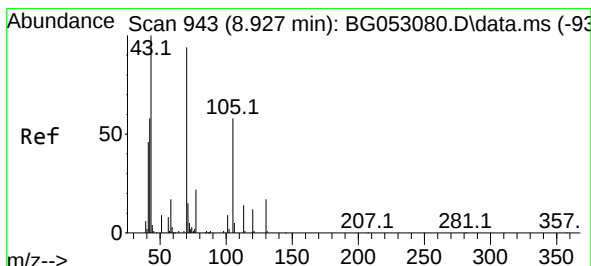
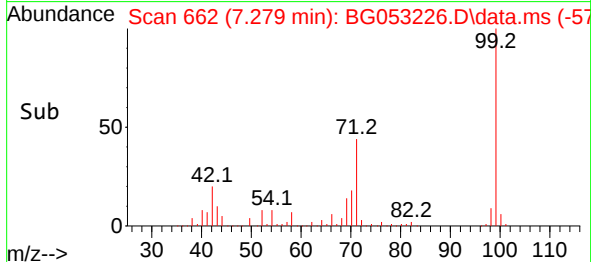
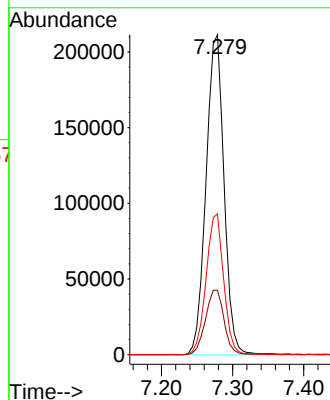
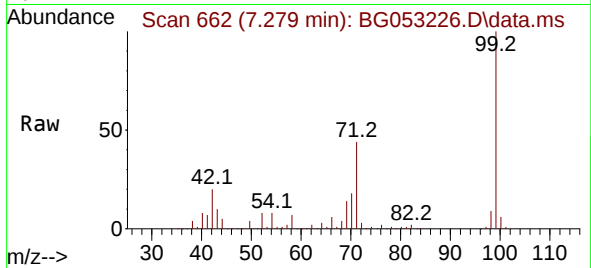




#7
Phenol-d6
Concen: 111.736 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

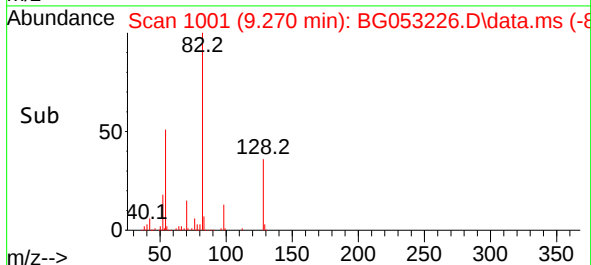
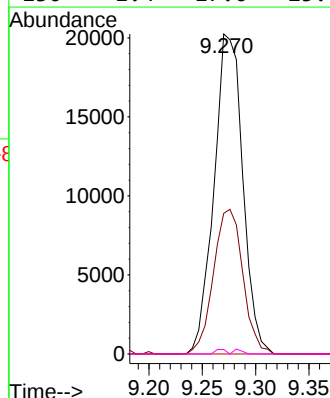
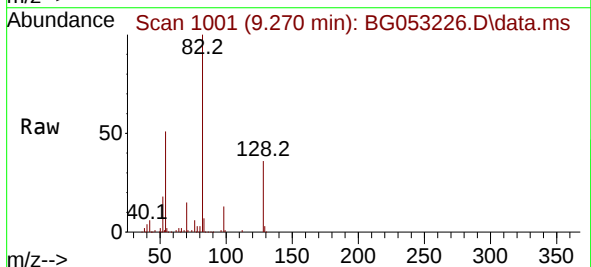
Instrument :
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ClientSampleId :
SB-8085

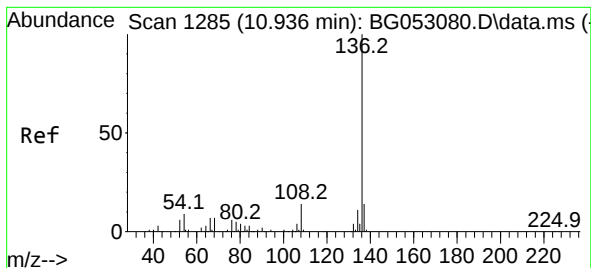
Tgt Ion: 99 Resp: 372375
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 44.0 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.535 ng
RT: 9.270 min Scan# 1001
Delta R.T. 0.343 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

Tgt Ion: 70 Resp: 37902
Ion Ratio Lower Upper
70 100
42 44.0 46.0 69.0#
101 0.0 6.2 9.4#
130 1.4 17.0 25.4#



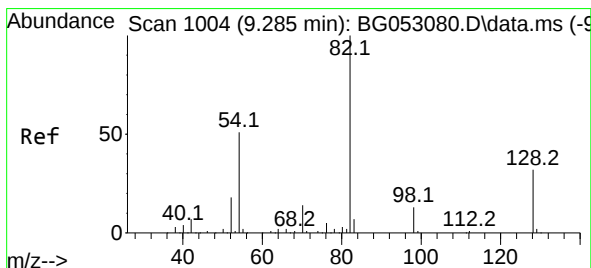
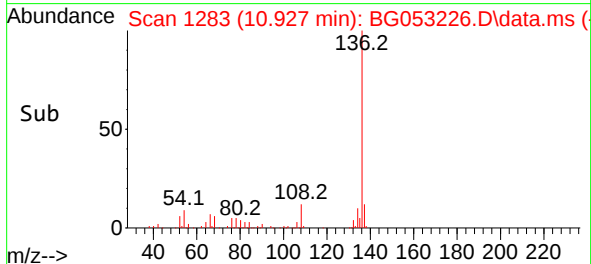
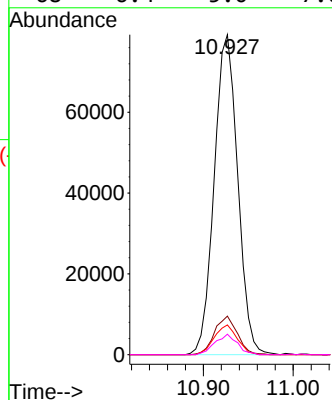
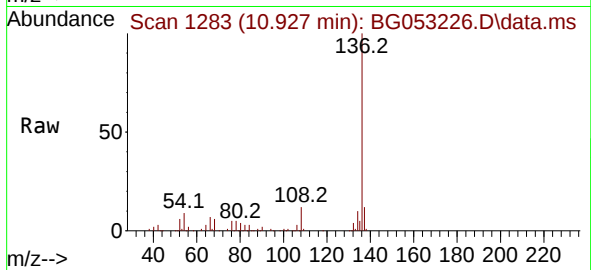


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

Instrument :
BNA_G
ClientSampleId :
SB-8085

Tgt Ion:136 Resp: 143869

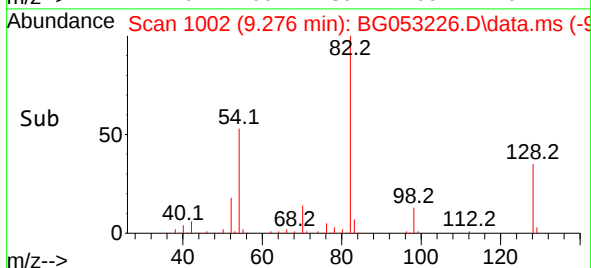
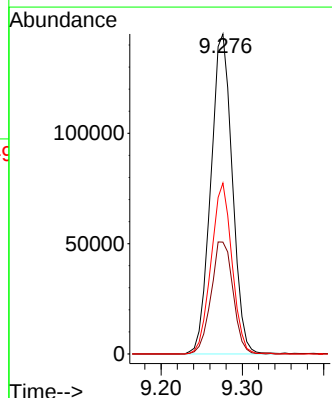
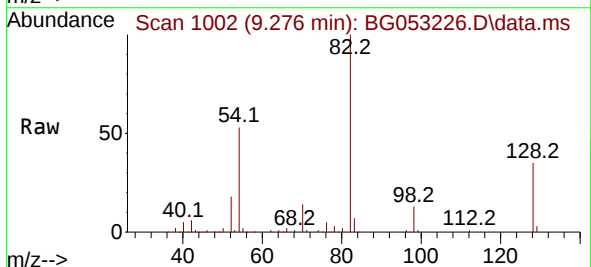
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.2
54	9.3	6.4	9.6
68	6.4	5.0	7.6

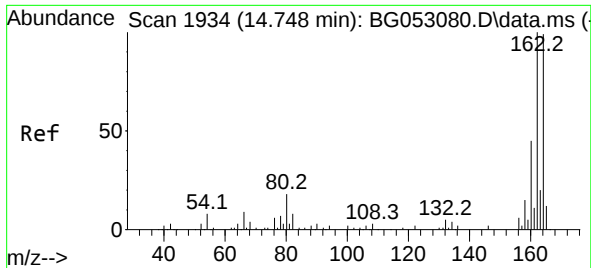


#23
Nitrobenzene-d5
Concen: 75.147 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

Tgt Ion: 82 Resp: 266267

Ion	Ratio	Lower	Upper
82	100		
128	34.9	31.3	46.9
54	53.4	37.8	56.8

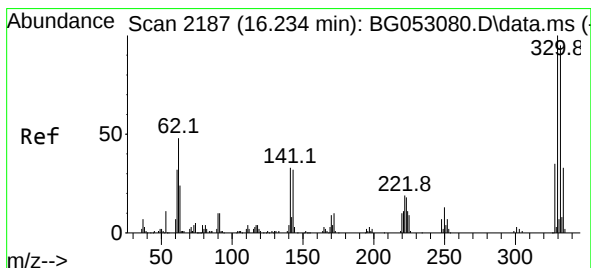
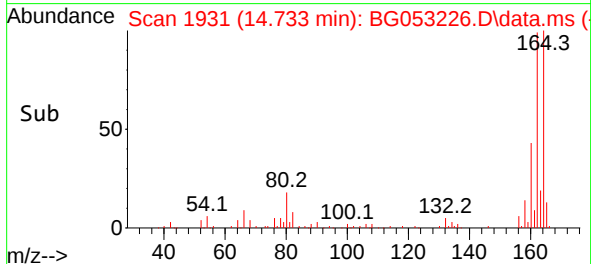
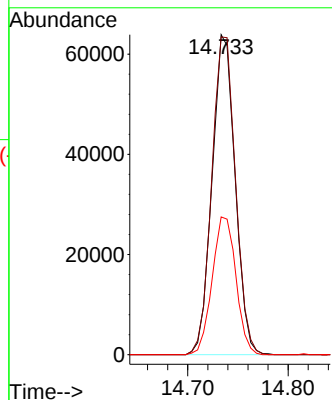
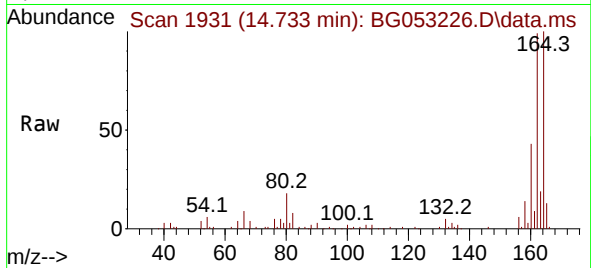




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1931
Delta R.T. -0.015 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

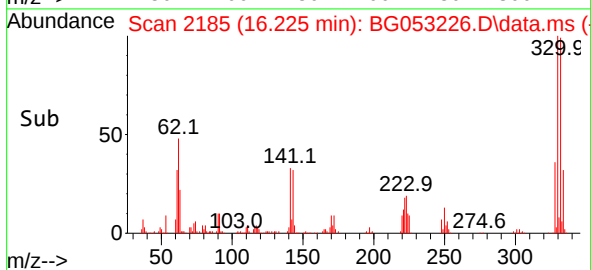
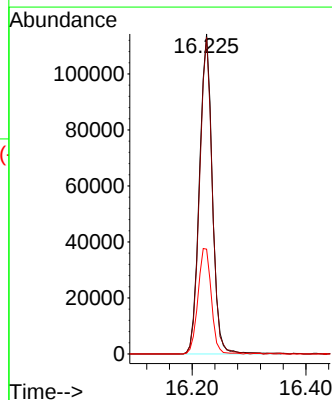
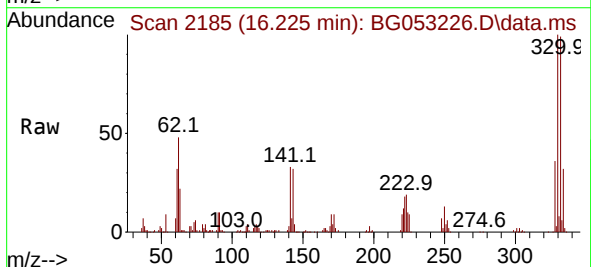
Instrument :
BNA_G
ClientSampleId :
SB-8085

Tgt Ion:164 Resp: 101857
Ion Ratio Lower Upper
164 100
162 99.3 80.0 120.0
160 43.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 110.421 ng
RT: 16.225 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

Tgt Ion:330 Resp: 178937
Ion Ratio Lower Upper
330 100
332 97.4 75.8 113.6
141 34.3 24.6 36.8

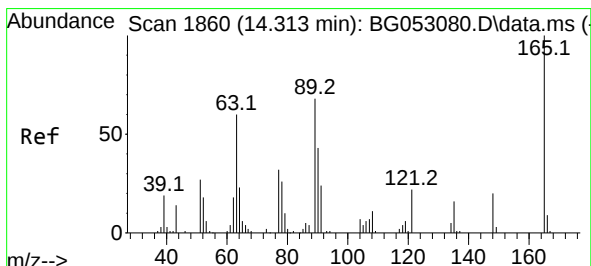
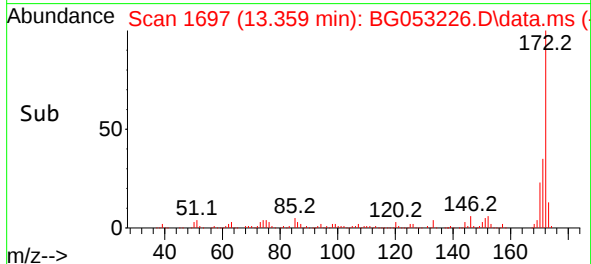
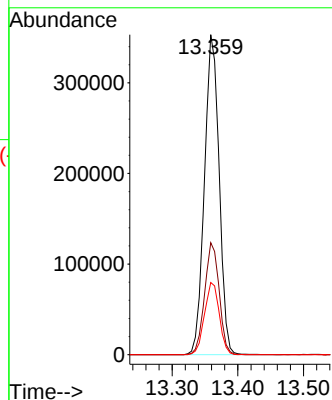
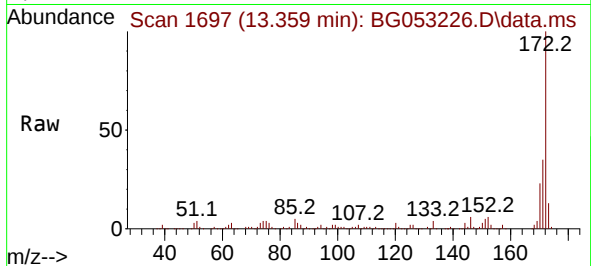




#45
2-Fluorobiphenyl
Concen: 74.681 ng
RT: 13.359 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

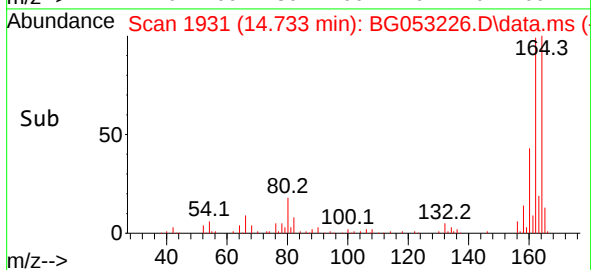
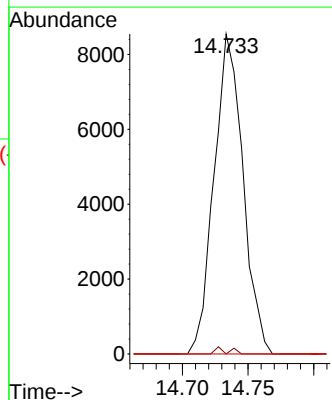
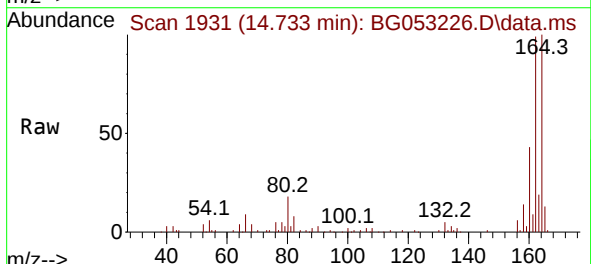
Instrument :
BNA_G
ClientSampleId :
SB-8085

Tgt Ion:172 Resp: 551652
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.6 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.691 ng
RT: 14.733 min Scan# 1931
Delta R.T. 0.420 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

Tgt Ion:165 Resp: 13072
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

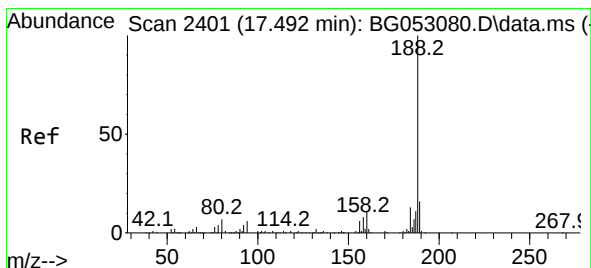
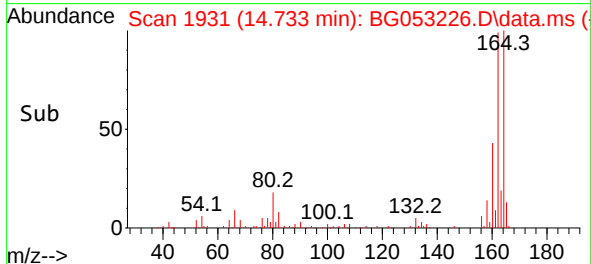
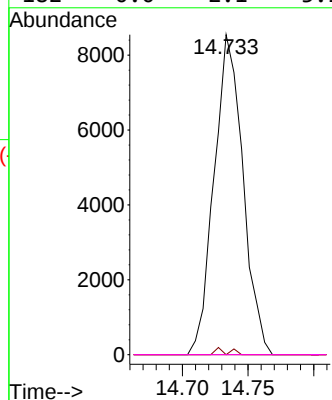
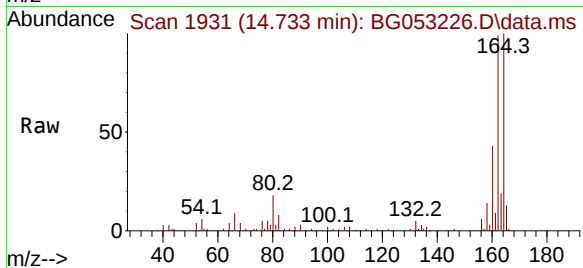




#57
2,4-Dinitrotoluene
Concen: 5.402 ng
RT: 14.733 min Scan# 1994
Delta R.T. -0.367 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

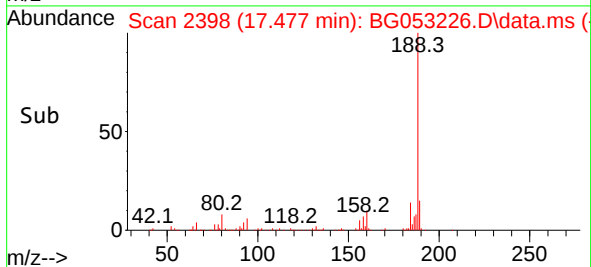
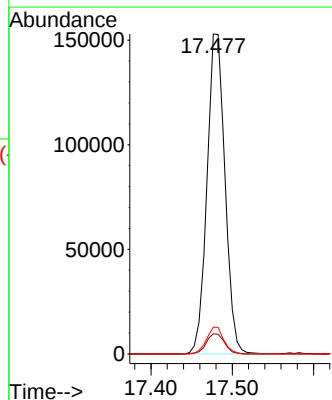
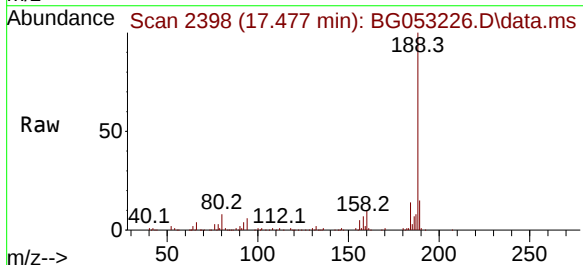
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ClientSampleId :
SB-8085

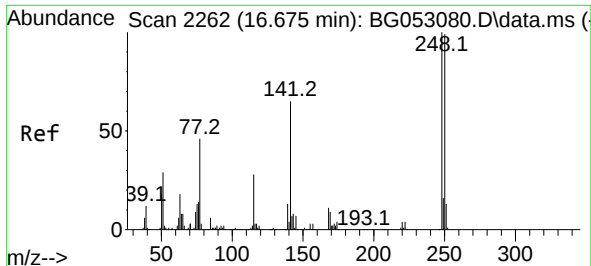
Tgt Ion:165 Resp: 13072
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2398
Delta R.T. -0.015 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

Tgt Ion:188 Resp: 235520
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 8.4 7.2 10.8

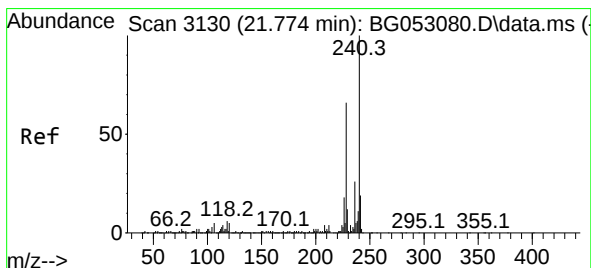
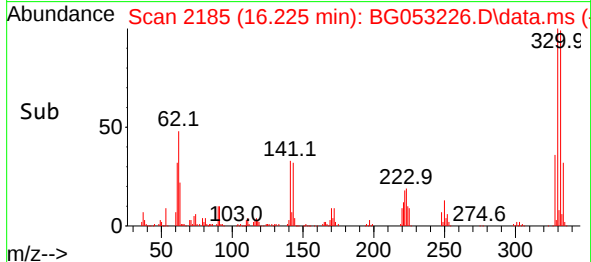
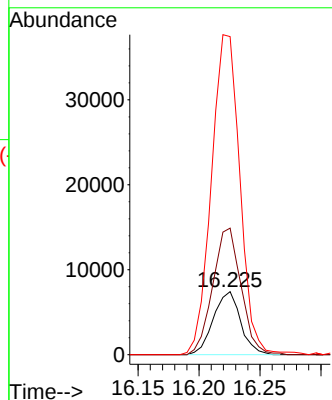
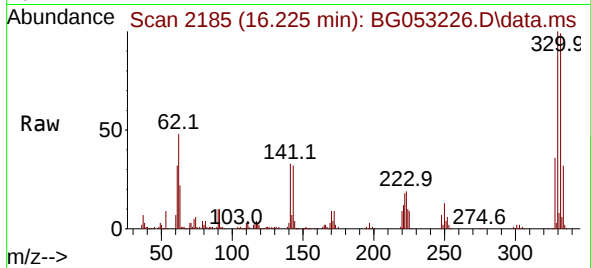




#67
4-Bromophenyl-phenylether
Concen: 3.819 ng
RT: 16.225 min Scan# 21185
Delta R.T. -0.450 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

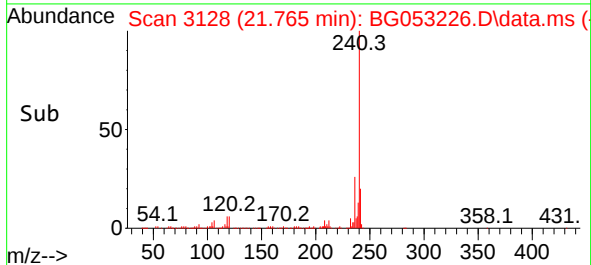
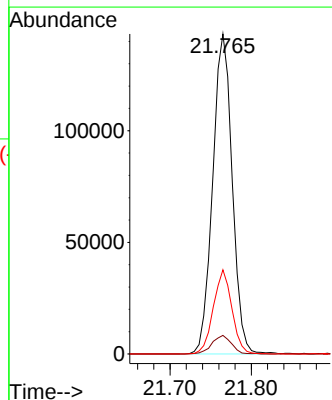
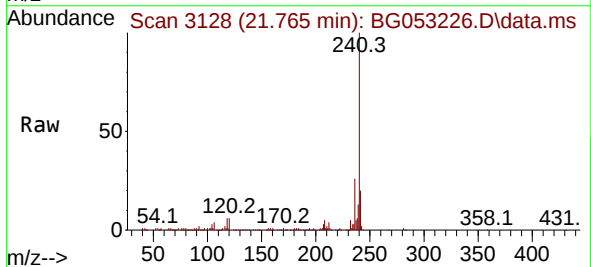
Instrument :
BNA_G
ClientSampleId :
SB-8085

Tgt Ion:248 Resp: 11525
Ion Ratio Lower Upper
248 100
250 200.5 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: BG053226.D
Acq: 20 Apr 2022 21:48

Tgt Ion:240 Resp: 239009
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 26.3 19.8 29.6

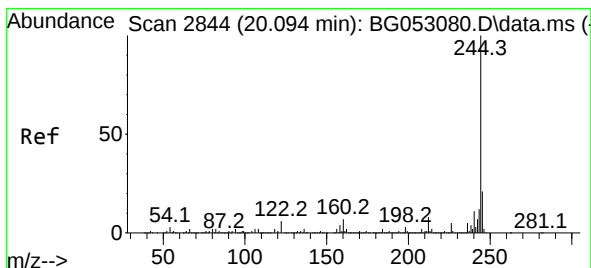
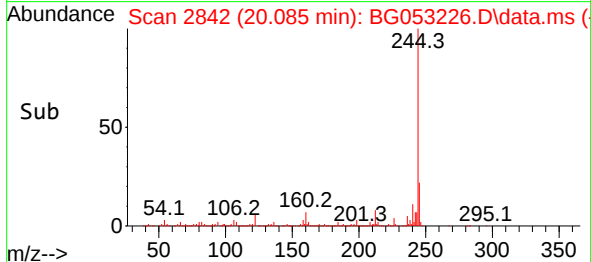
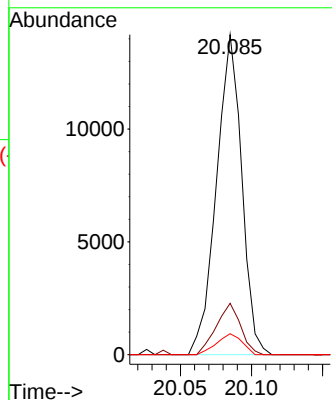
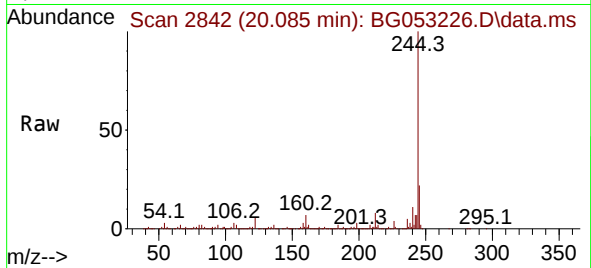




#77
Benzidine
Concen: 2.565 ng
RT: 20.085 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

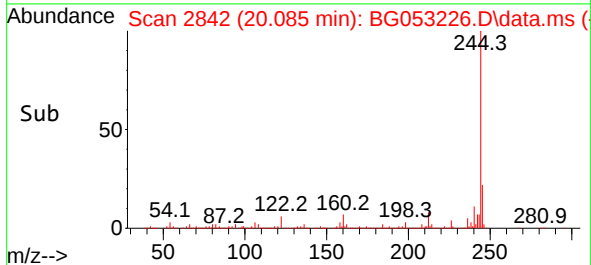
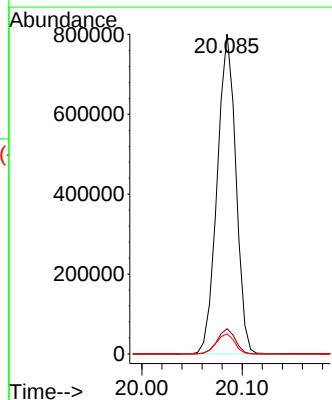
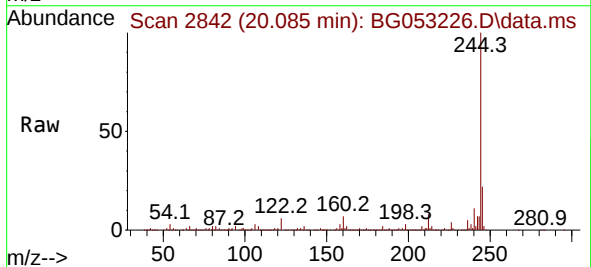
Instrument :
BNA_G
ClientSampleId :
SB-8085

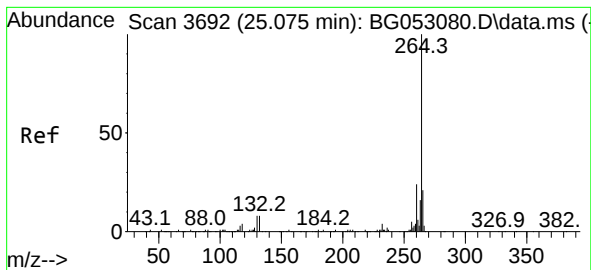
Tgt Ion:184 Resp: 17494
Ion Ratio Lower Upper
184 100
185 16.1 11.5 17.3
183 6.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 73.140 ng
RT: 20.085 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BG053226.D
Acq: 20 Apr 2022 21:48

Tgt Ion:244 Resp: 1035064
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.3 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.066 min Scan# 30

Delta R.T. -0.009 min

Lab File: BG053226.D

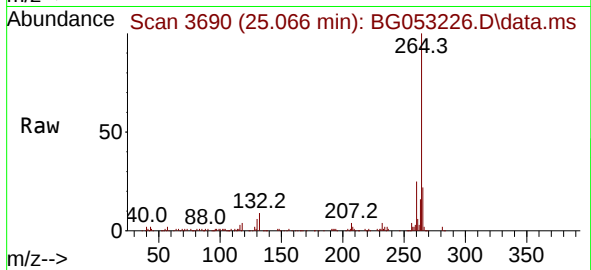
Acq: 20 Apr 2022 21:48

Instrument :

BNA_G

ClientSampleId :

SB-8085



Tgt Ion:264 Resp: 237492

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 22.4 15.1 22.7

