

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
 Data File : BG053896.D
 Acq On : 13 Jun 2022 16:19
 Operator : CG/JU
 Sample : PB145453BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145453BL

Quant Time: Jun 13 16:58:18 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 13 15:49:31 2022
 Response via : Initial Calibration

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

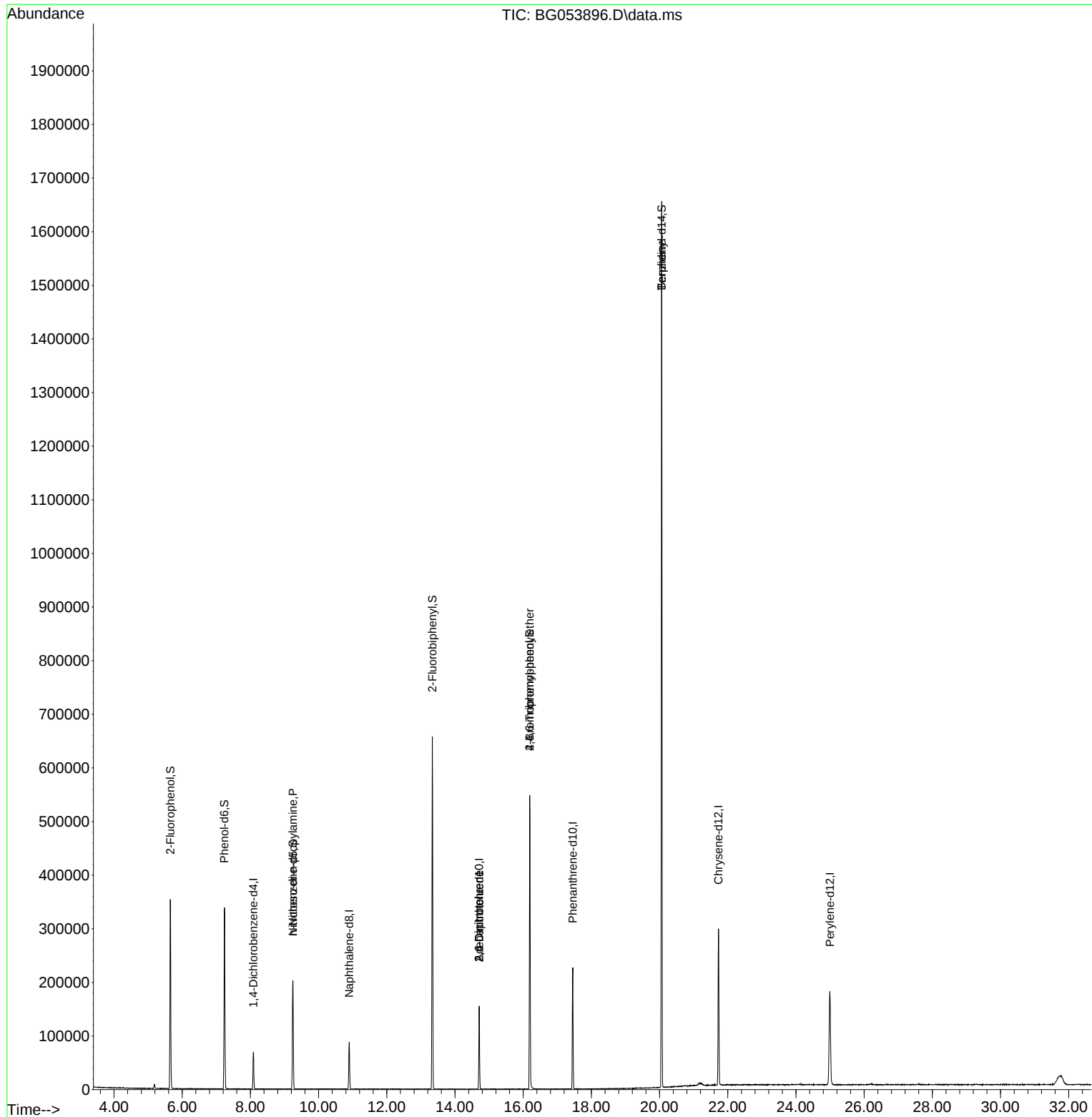
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	21621	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	80527	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	60587	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	163689	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	209852	20.000	ng	0.00
86) Perylene-d12	24.993	264	211694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	162916	144.064	ng	0.00
7) Phenol-d6	7.237	99	207398	135.193	ng	0.00
23) Nitrobenzene-d5	9.247	82	132214	92.266	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	137107	140.848	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	380354	91.288	ng	0.00
79) Terphenyl-d14	20.064	244	960331	92.169	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.247	70	18104	17.566	ng	# 81
51) 2,6-Dinitrotoluene	14.711	165	8145	8.737	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	8145	6.186	ng	# 21
67) 4-Bromophenyl-phenylether	16.192	248	8500	4.158	ng	# 1
77) Benzidine	20.064	184	12416	2.857	ng	# 92

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

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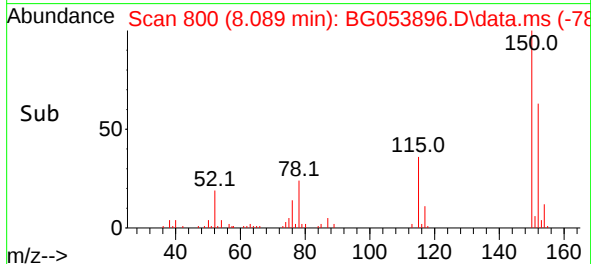
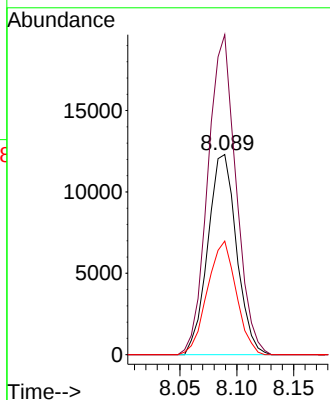
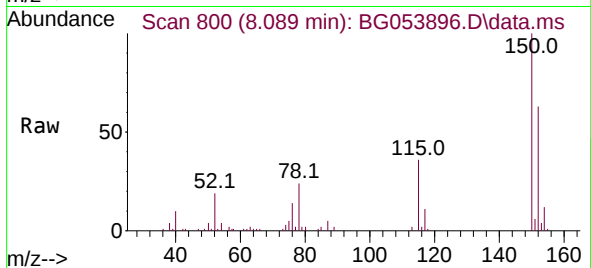




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.089 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BG053896.D
 Acq: 13 Jun 2022 16:19

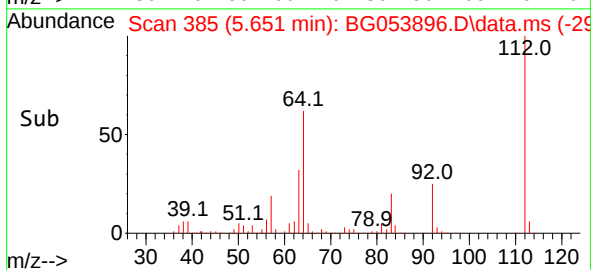
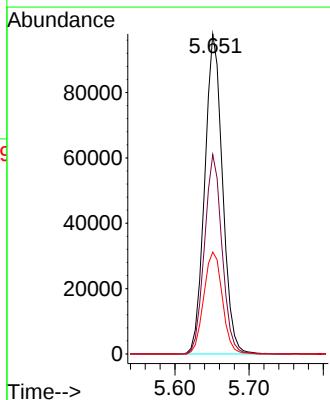
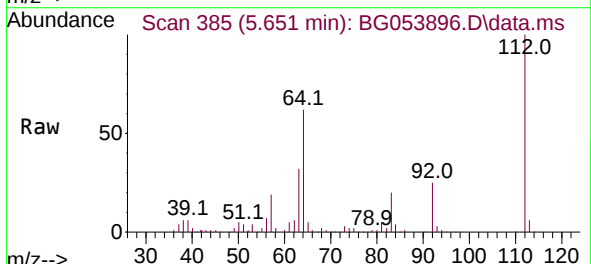
Instrument :
 BNA_G
 ClientSampleId :
 PB145453BL

Tgt Ion:152 Resp: 21621
 Ion Ratio Lower Upper
 152 100
 150 159.9 131.6 197.4
 115 56.8 50.9 76.3



#5
 2-Fluorophenol
 Concen: 144.064 ng
 RT: 5.651 min Scan# 385
 Delta R.T. 0.001 min
 Lab File: BG053896.D
 Acq: 13 Jun 2022 16:19

Tgt Ion:112 Resp: 162916
 Ion Ratio Lower Upper
 112 100
 64 62.3 55.1 82.7
 63 31.9 30.4 45.6

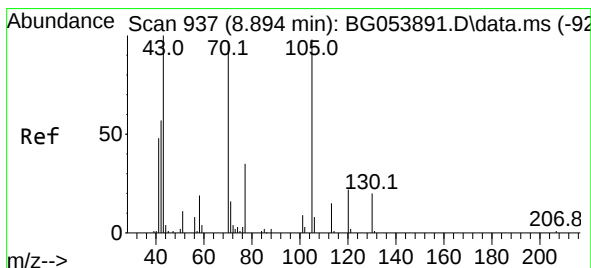
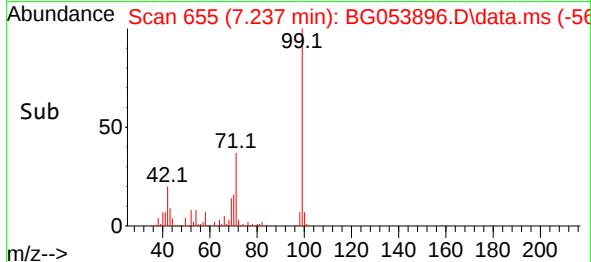
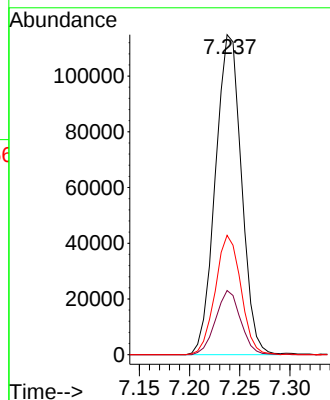
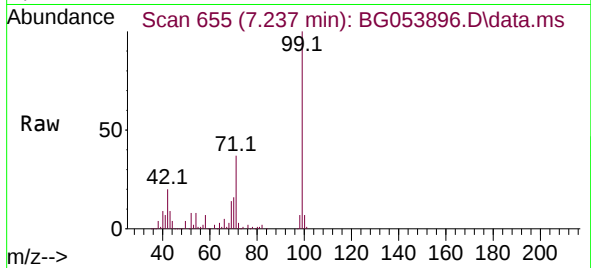




#7
Phenol-d6
Concen: 135.193 ng
RT: 7.237 min Scan# 611
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

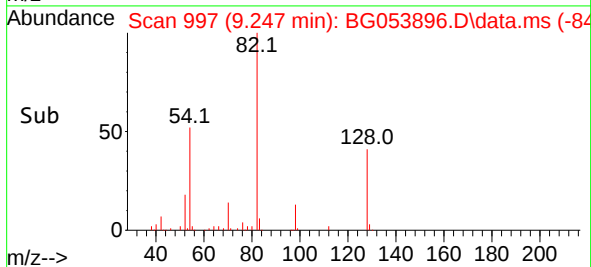
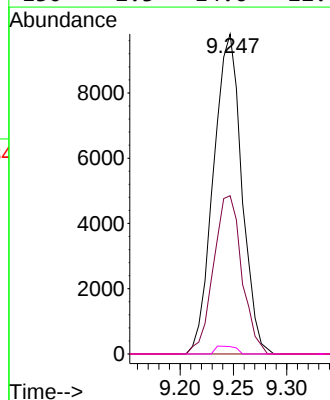
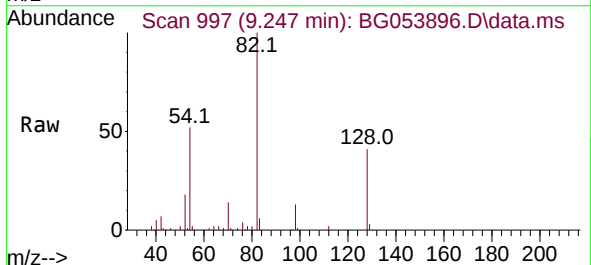
Instrument :
BNA_G
ClientSampleId :
PB145453BL

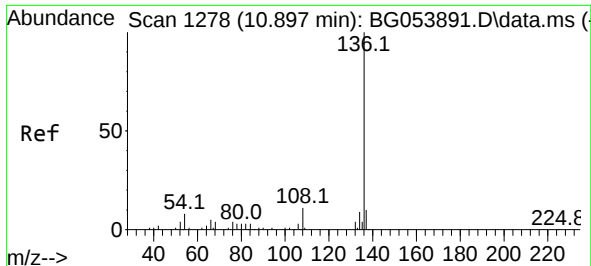
Tgt Ion: 99 Resp: 207398
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 37.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.566 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion: 70 Resp: 18104
Ion Ratio Lower Upper
70 100
42 49.4 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

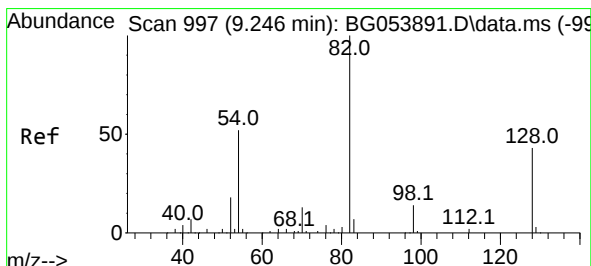
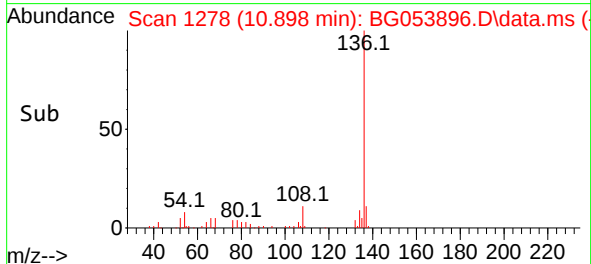
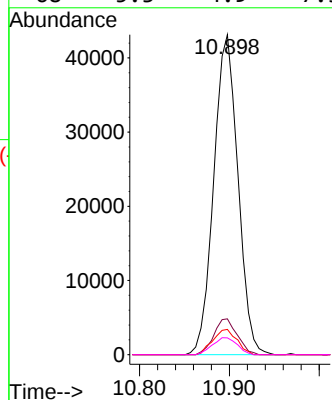
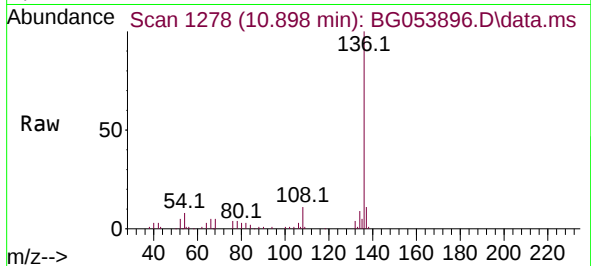




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

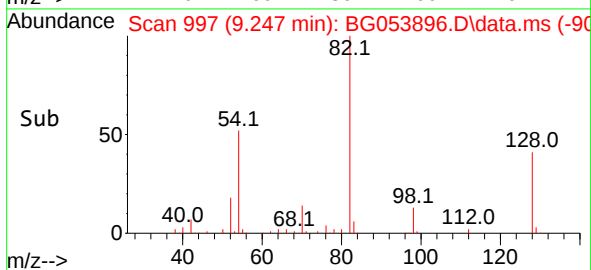
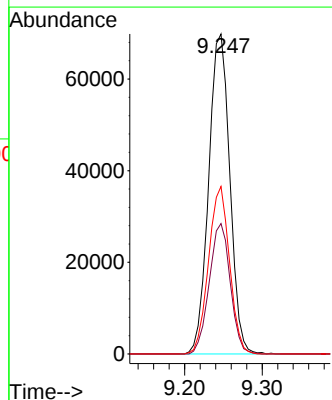
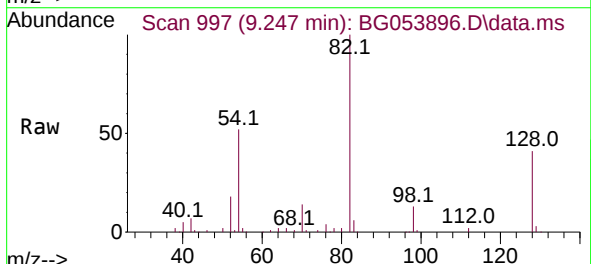
Instrument :
BNA_G
ClientSampleId :
PB145453BL

Tgt Ion:	136	Resp:	80527
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.9	7.4	11.2
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 92.266 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion:	82	Resp:	132214
Ion	Ratio	Lower	Upper
82	100		
128	40.7	27.9	41.9
54	52.3	41.2	61.8

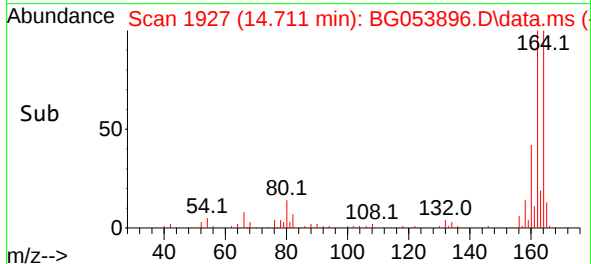
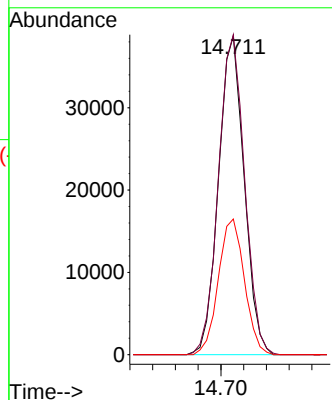
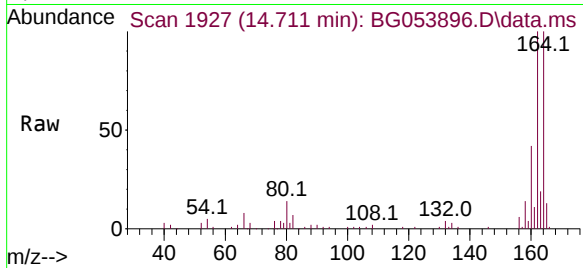




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

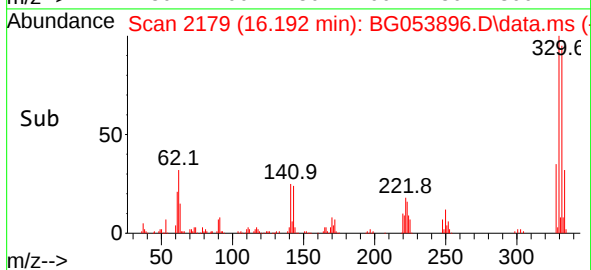
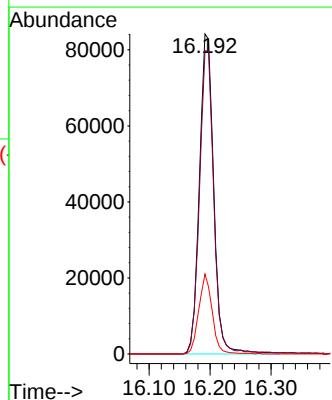
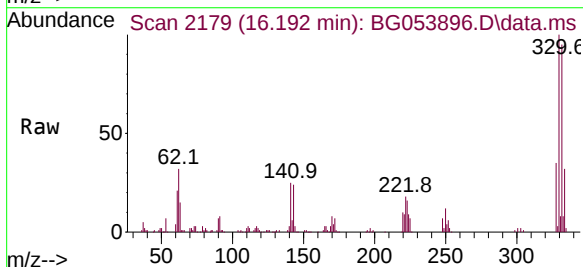
Instrument :
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ClientSampleId :
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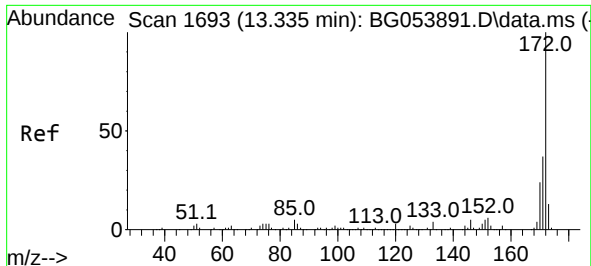
Tgt Ion:164 Resp: 60587
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 42.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 140.848 ng
RT: 16.192 min Scan# 2179
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion:330 Resp: 137107
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 23.5 27.1 40.7#

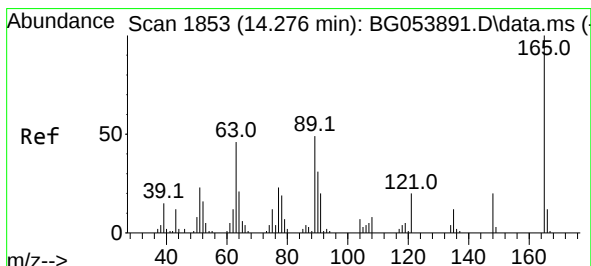
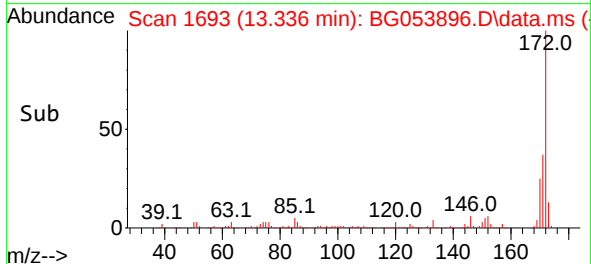
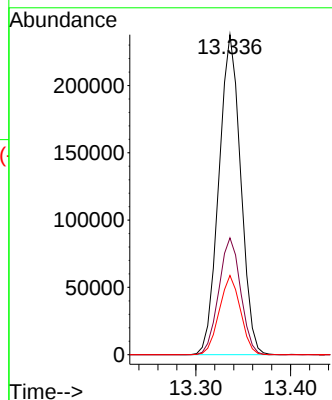
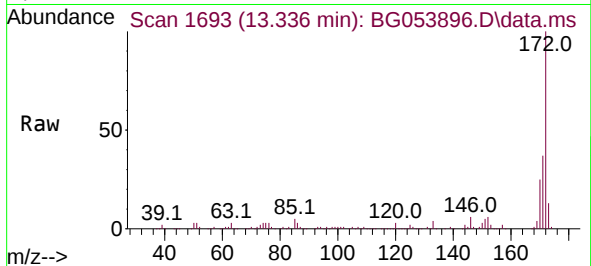




#45
2-Fluorobiphenyl
Concen: 91.288 ng
RT: 13.336 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

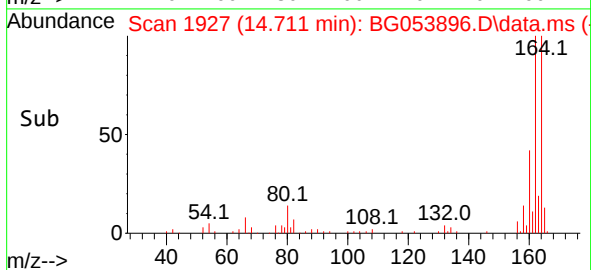
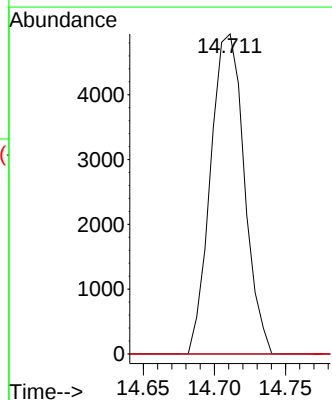
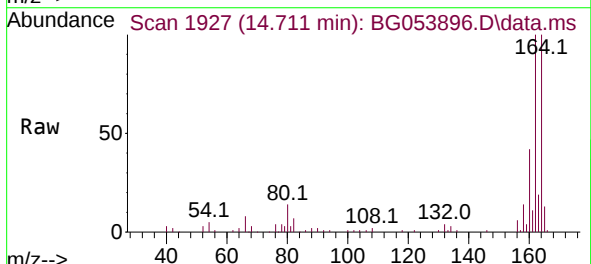
Instrument :
BNA_G
ClientSampleId :
PB145453BL

Tgt Ion:172 Resp: 380354
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.737 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion:165 Resp: 8145
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

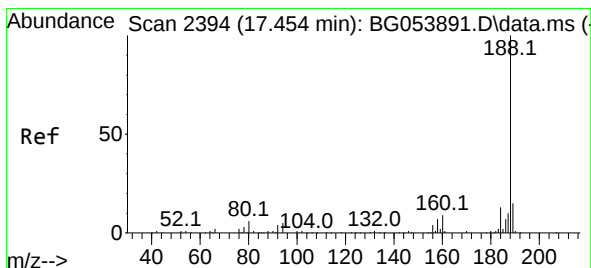
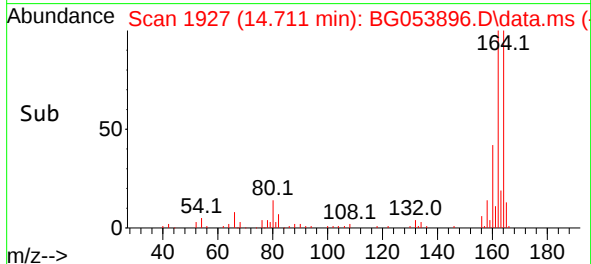
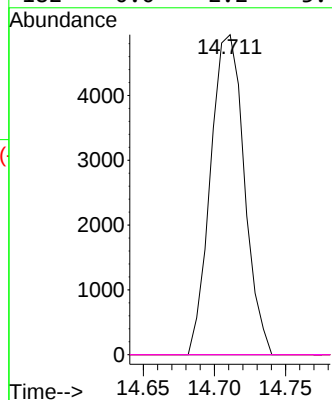
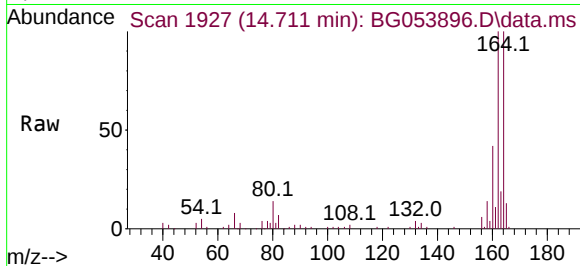




#57
2,4-Dinitrotoluene
Concen: 6.186 ng
RT: 14.711 min Scan# 1987
Delta R.T. -0.352 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

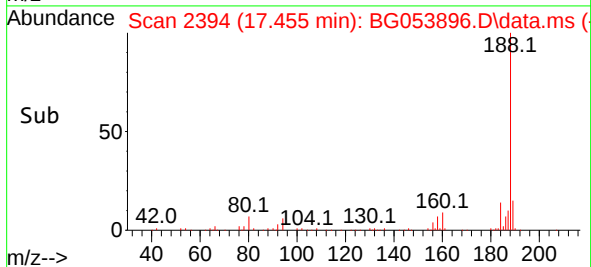
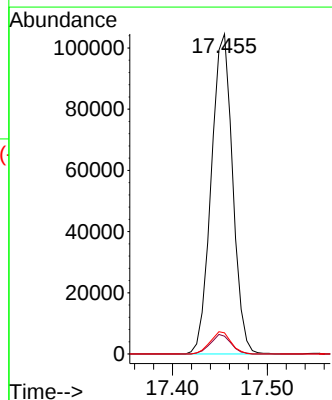
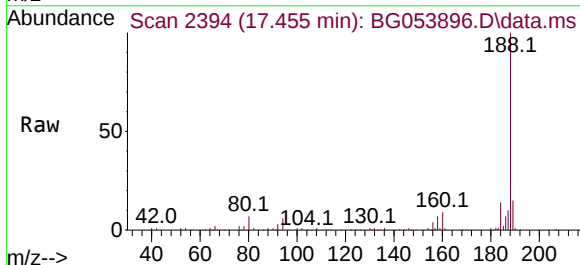
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ClientSampleId :
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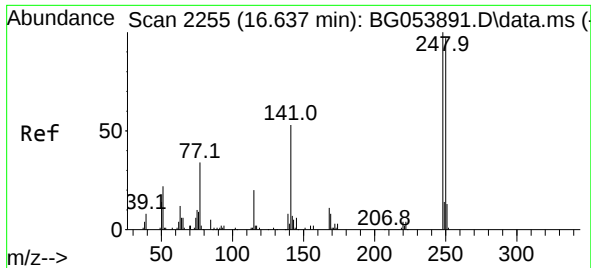
Tgt Ion:165 Resp: 8145
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.455 min Scan# 2394
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion:188 Resp: 163689
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.6 6.8 10.2#

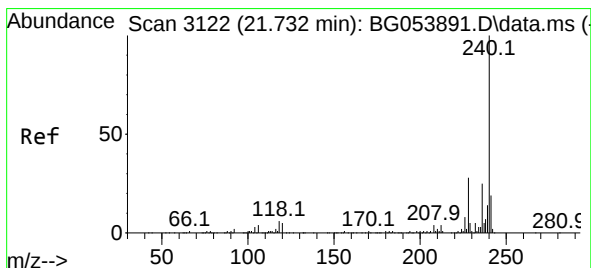
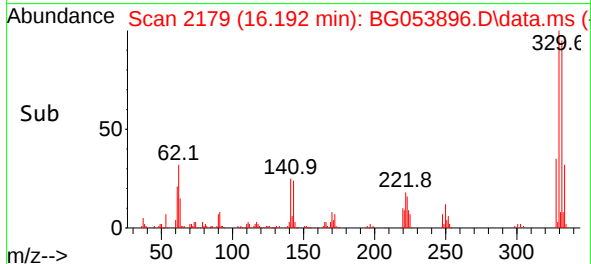
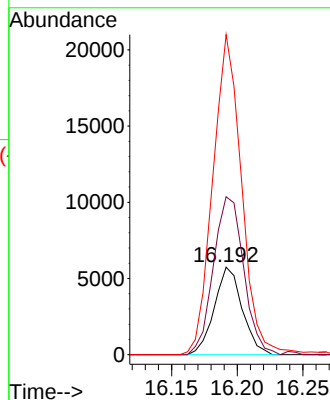
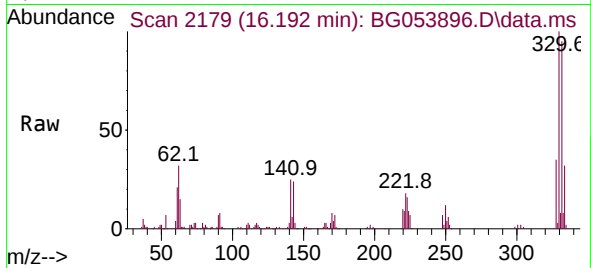




#67
4-Bromophenyl-phenylether
Concen: 4.158 ng
RT: 16.192 min Scan# 2179
Delta R.T. -0.446 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

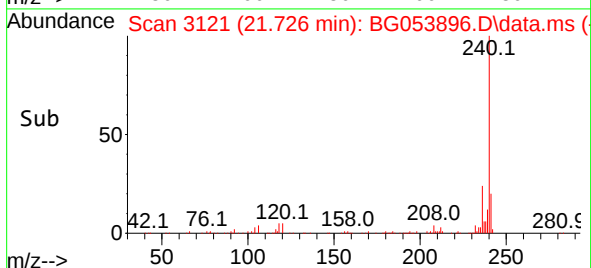
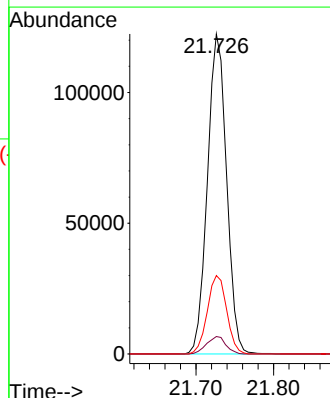
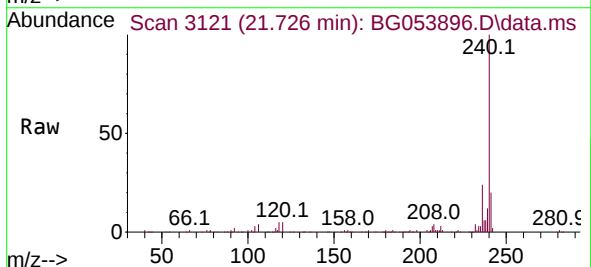
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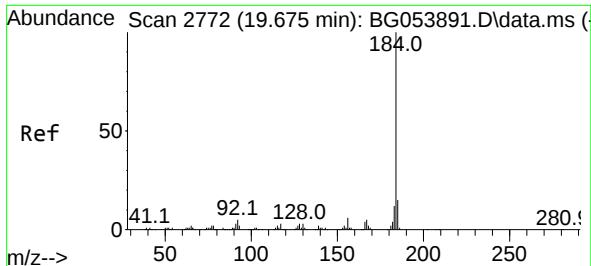
Tgt Ion:248 Resp: 8500
Ion Ratio Lower Upper
248 100
250 181.4 75.2 112.8#
141 282.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion:240 Resp: 209852
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.5 20.2 30.4

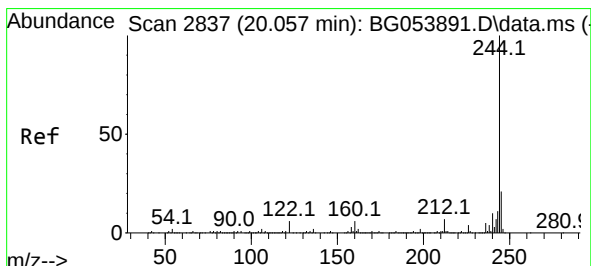
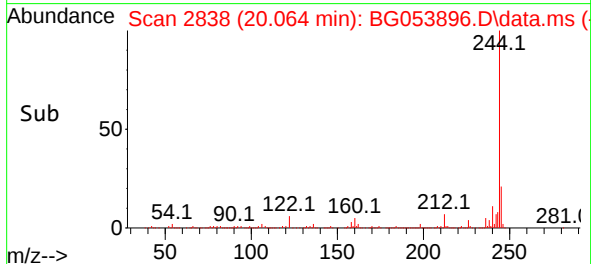
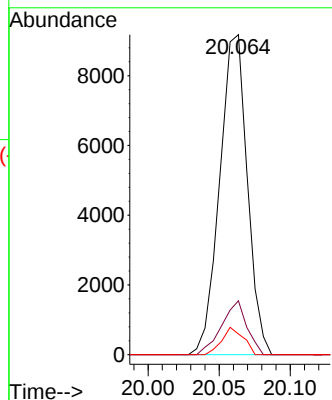
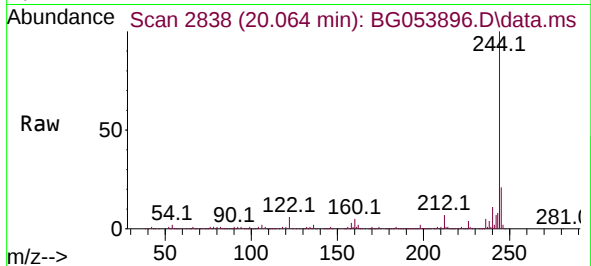




#77
Benzidine
Concen: 2.857 ng
RT: 20.064 min Scan# 21
Delta R.T. 0.388 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

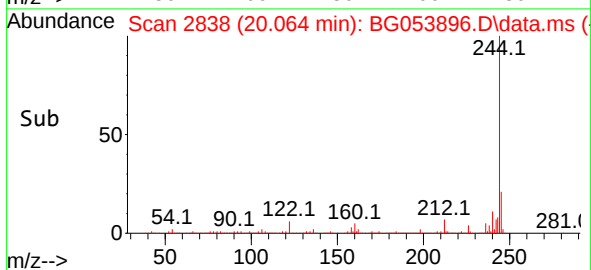
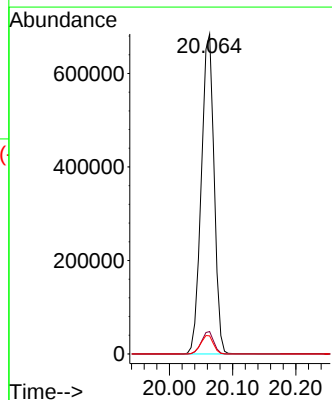
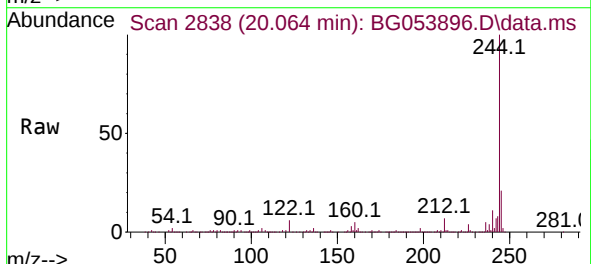
Instrument :
BNA_G
ClientSampleId :
PB145453BL

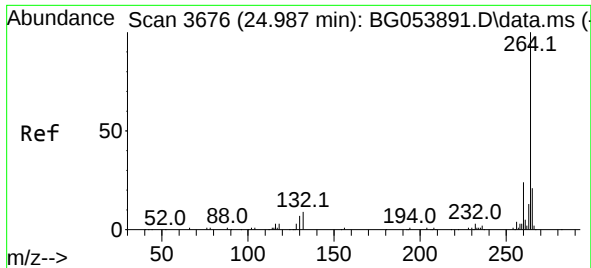
Tgt Ion:184 Resp: 12416
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 6.5 8.9 13.3#



#79
Terphenyl-d14
Concen: 92.169 ng
RT: 20.064 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

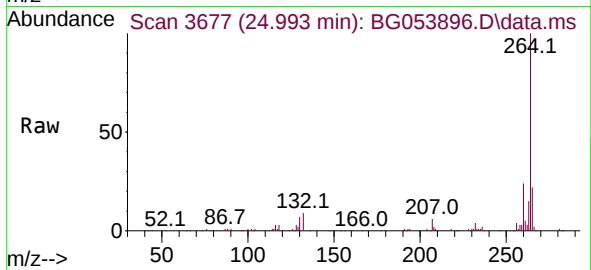
Tgt Ion:244 Resp: 960331
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 5.6 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.993 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG053896.D
 Acq: 13 Jun 2022 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB145453BL



Tgt Ion:264 Resp: 211694
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.2 17.4 26.2

