

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053115.D
 Acq On : 12 Apr 2022 11:46
 Operator : CG/JU
 Sample : PB144020BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144020BL

Quant Time: Apr 13 06:12:41 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)

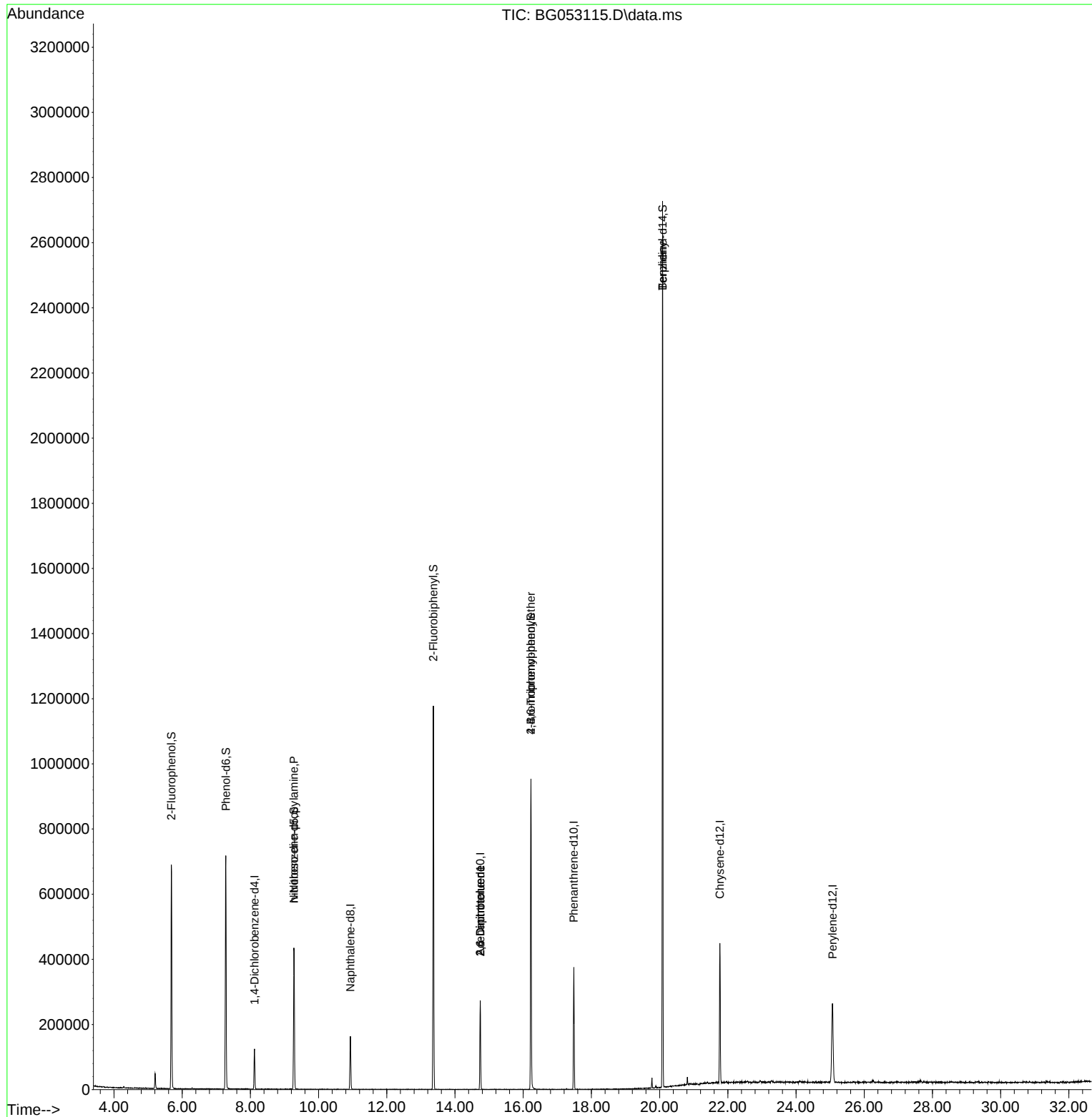
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	33599	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	134665	20.000	ng	# 0.00
39) Acenaphthene-d10	14.741	164	98629	20.000	ng	0.00
64) Phenanthrene-d10	17.484	188	240738	20.000	ng	0.00
76) Chrysene-d12	21.766	240	273910	20.000	ng	0.00
86) Perylene-d12	25.068	264	277503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	282965	144.366	ng	0.00
7) Phenol-d6	7.280	99	397387	131.471	ng	0.00
23) Nitrobenzene-d5	9.277	82	278464	83.961	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	196827	125.436	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	620951	86.813	ng	0.00
79) Terphenyl-d14	20.086	244	1347504	83.086	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.277	70	39319	17.768	ng	# 76
51) 2,6-Dinitrotoluene	14.741	165	12351	7.505	ng	# 27
57) 2,4-Dinitrotoluene	14.741	165	12351	5.271	ng	# 25
67) 4-Bromophenyl-phenylether	16.227	248	13232	4.290	ng	# 1
77) Benzidine	20.086	184	21988	2.814	ng	# 95

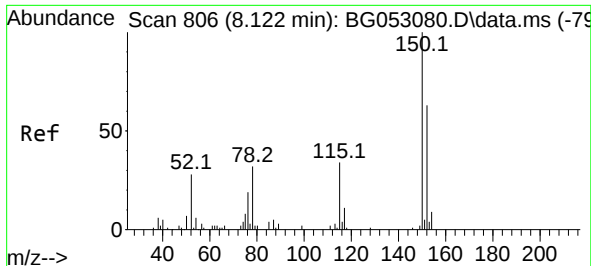
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG053115.D
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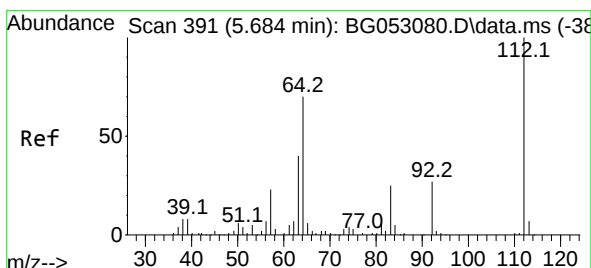
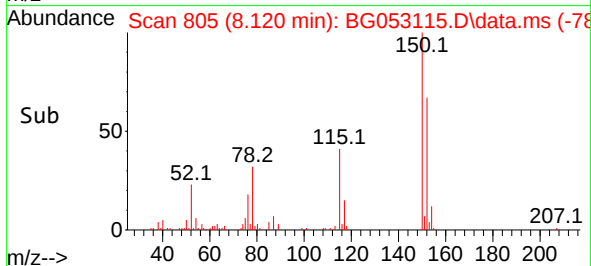
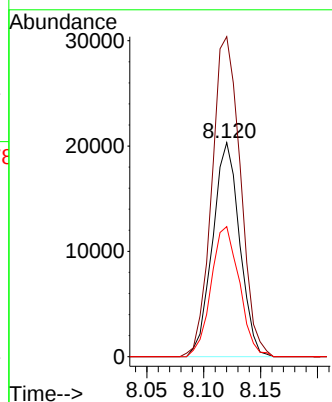
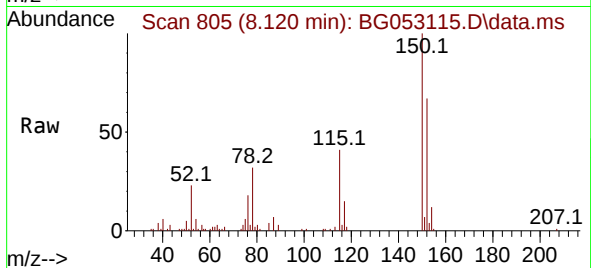




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

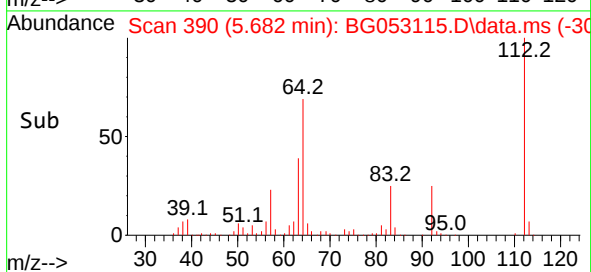
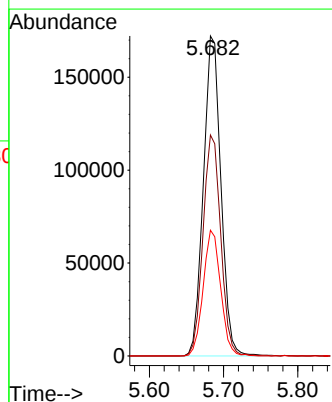
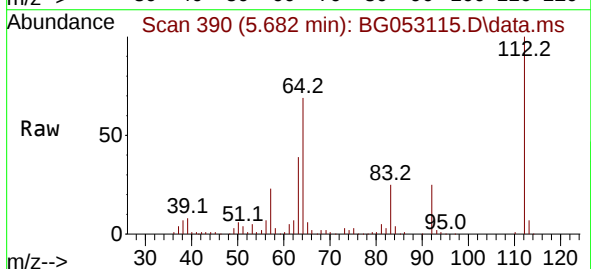
Instrument :
BNA_G
ClientSampleId :
PB144020BL

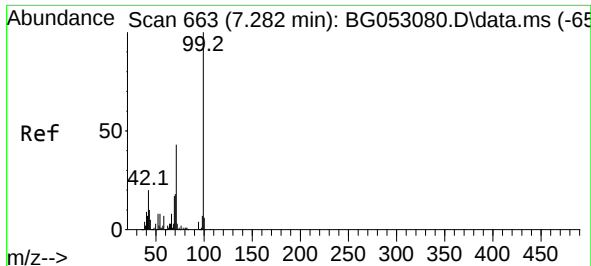
Tgt Ion:152 Resp: 33599
Ion Ratio Lower Upper
152 100
150 149.5 114.6 172.0
115 60.7 45.9 68.9



#5
2-Fluorophenol
Concen: 144.366 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

Tgt Ion:112 Resp: 282965
Ion Ratio Lower Upper
112 100
64 69.0 48.0 72.0
63 39.3 26.5 39.7

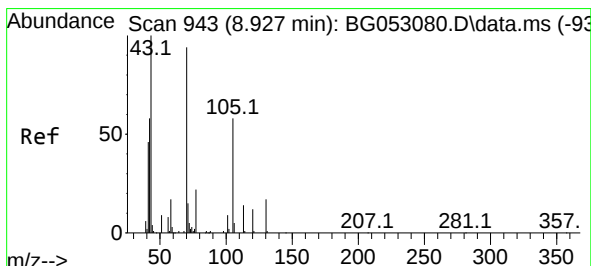
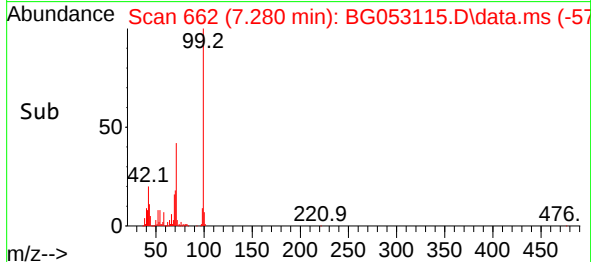
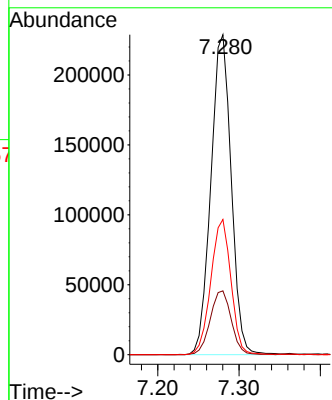
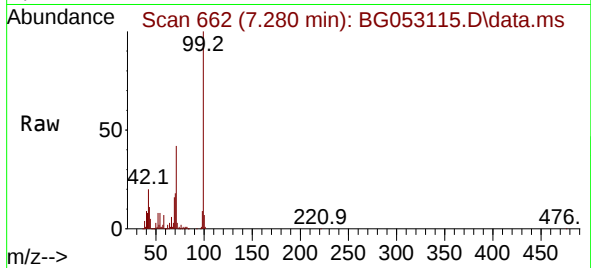




#7
Phenol-d6
Concen: 131.471 ng
RT: 7.280 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

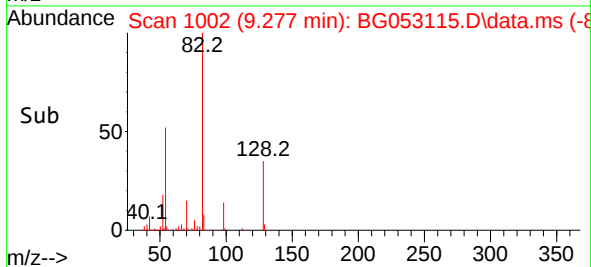
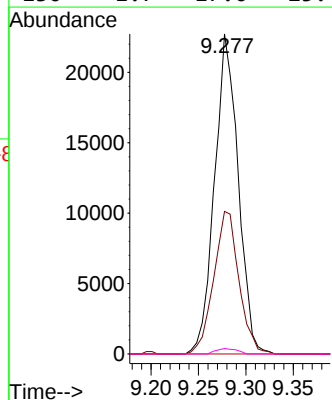
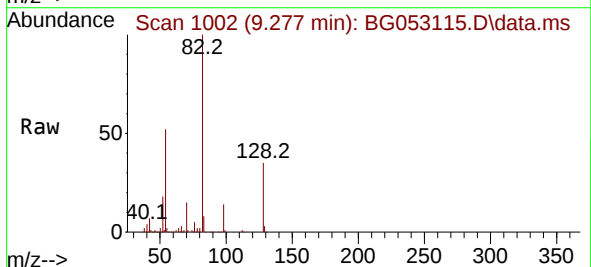
Instrument :
BNA_G
ClientSampleId :
PB144020BL

Tgt Ion: 99 Resp: 397387
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 42.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.768 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.351 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

Tgt Ion: 70 Resp: 39319
Ion Ratio Lower Upper
70 100
42 44.6 46.0 69.0#
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#

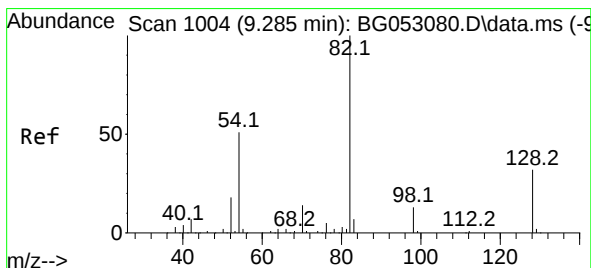
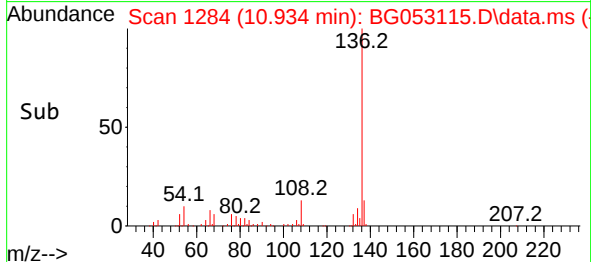
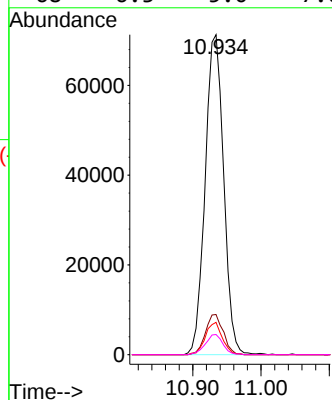
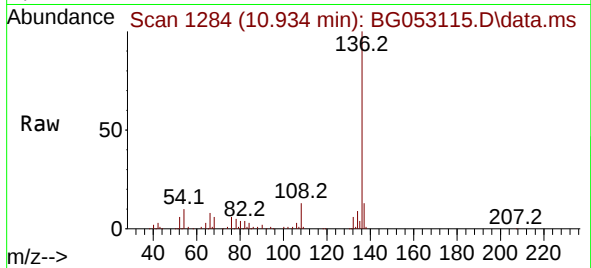




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

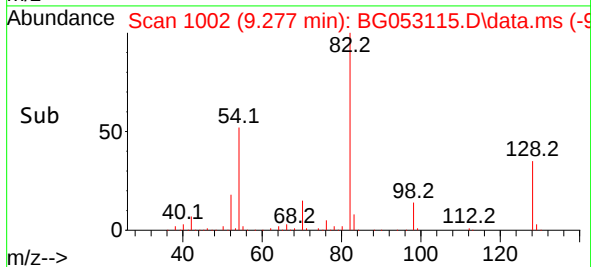
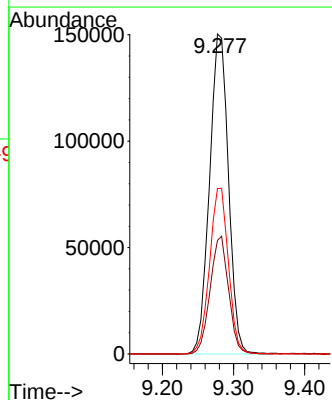
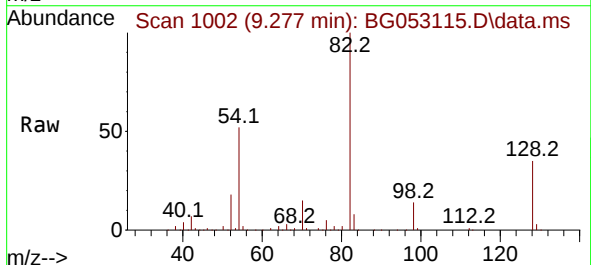
Instrument :
BNA_G
ClientSampleId :
PB144020BL

Tgt Ion:	136	Resp:	134665
Ion Ratio	Lower	Upper	
136	100		
137	12.5	9.4	14.2
54	10.1	6.4	9.6#
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 83.961 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

Tgt Ion:	82	Resp:	278464
Ion Ratio	Lower	Upper	
82	100		
128	35.5	31.3	46.9
54	51.7	37.8	56.8

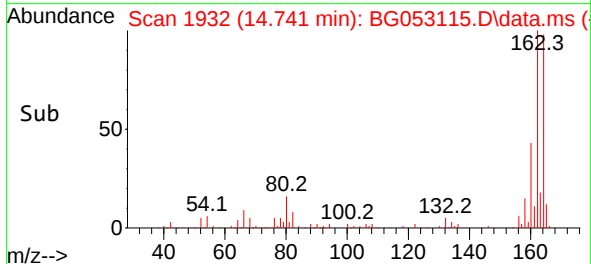
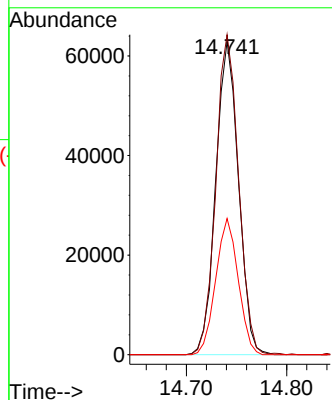
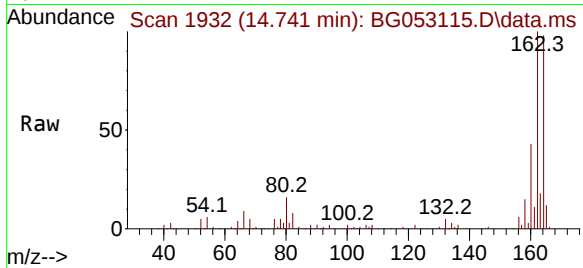




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.741 min Scan# 1932
 Delta R.T. -0.008 min
 Lab File: BG053115.D
 Acq: 12 Apr 2022 11:46

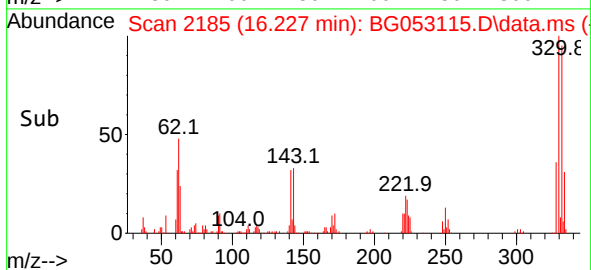
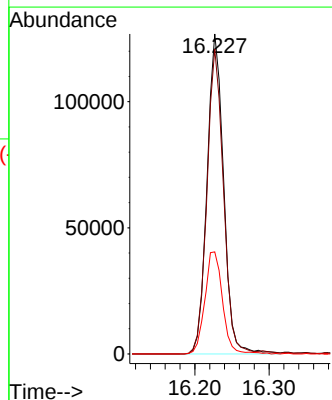
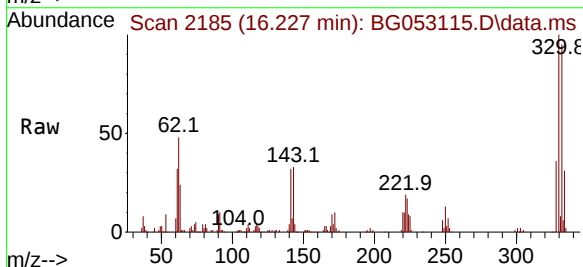
Instrument :
 BNA_G
 ClientSampleId :
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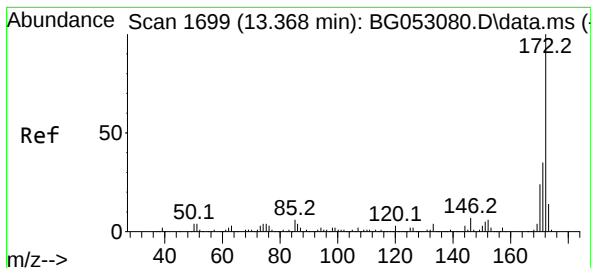
Tgt Ion:164 Resp: 98629
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.0 120.0
 160 43.5 38.8 58.2



#42
 2,4,6-Tribromophenol
 Concen: 125.436 ng
 RT: 16.227 min Scan# 2185
 Delta R.T. -0.008 min
 Lab File: BG053115.D
 Acq: 12 Apr 2022 11:46

Tgt Ion:330 Resp: 196827
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.8 113.6
 141 34.0 24.6 36.8

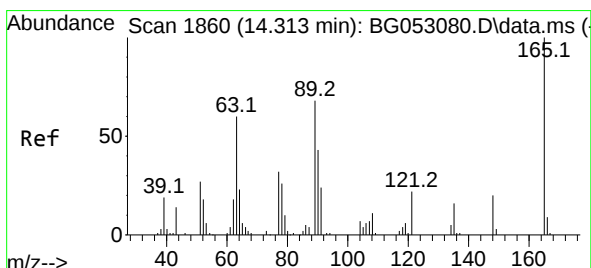
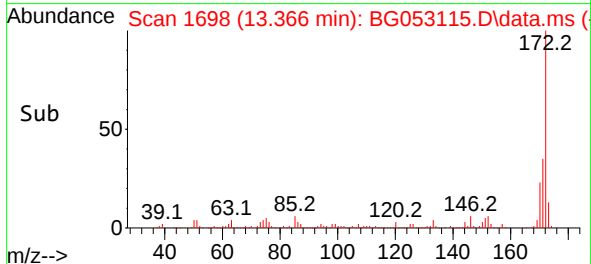
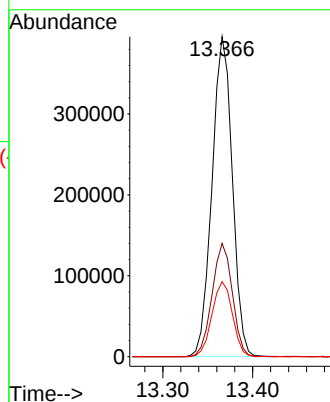
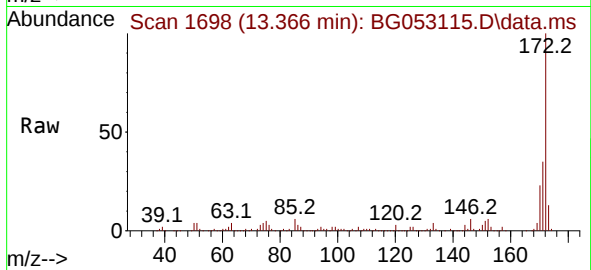




#45
2-Fluorobiphenyl
Concen: 86.813 ng
RT: 13.366 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

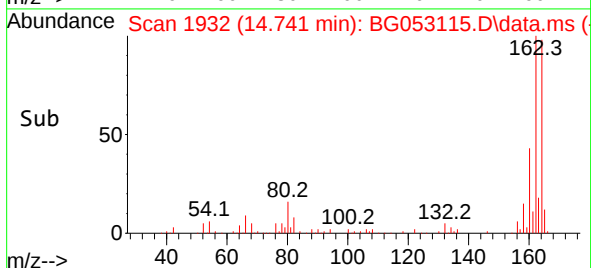
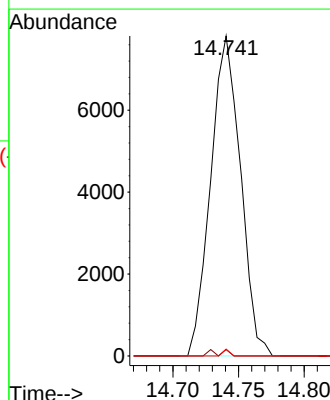
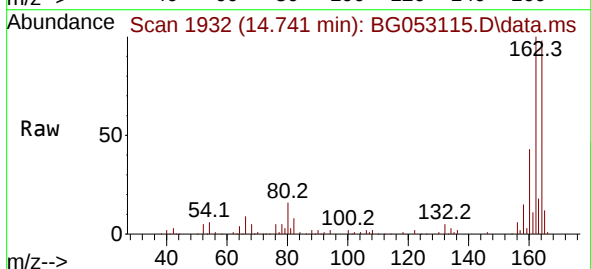
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ClientSampleId :
PB144020BL

Tgt Ion:172 Resp: 620951
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.505 ng
RT: 14.741 min Scan# 1932
Delta R.T. 0.427 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

Tgt Ion:165 Resp: 12351
Ion Ratio Lower Upper
165 100
63 2.0 43.7 65.5#
89 2.1 45.0 67.4#

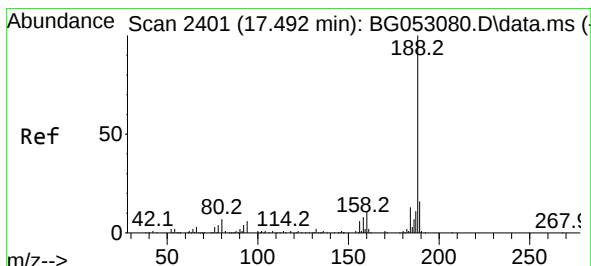
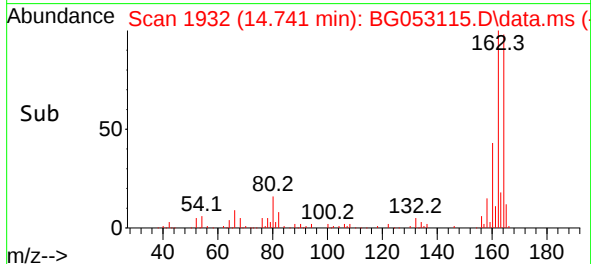
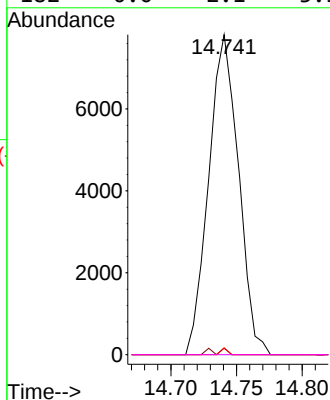
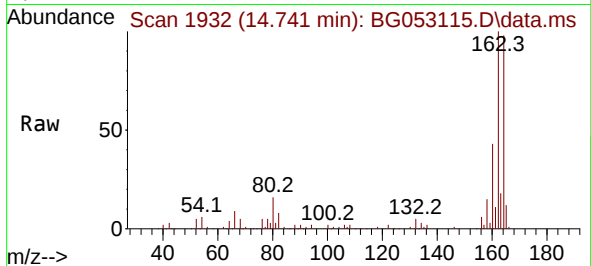




#57
2,4-Dinitrotoluene
Concen: 5.271 ng
RT: 14.741 min Scan# 1994
Delta R.T. -0.360 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

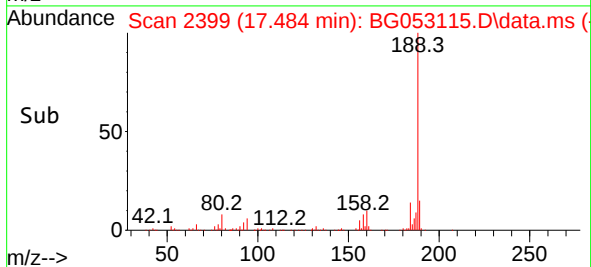
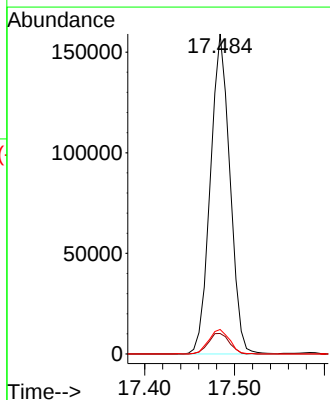
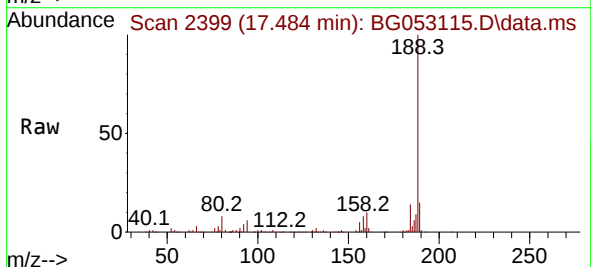
Instrument :
BNA_G
ClientSampleId :
PB144020BL

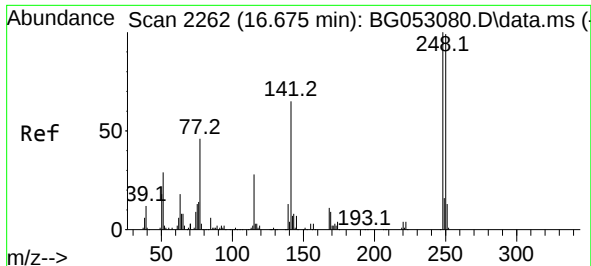
Tgt Ion:	165	Resp:	12351
Ion Ratio	Lower	Upper	
165	100		
63	2.0	34.8	52.2#
89	2.1	57.4	86.0#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.484 min Scan# 2399
Delta R.T. -0.008 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

Tgt Ion:	188	Resp:	240738
Ion Ratio	Lower	Upper	
188	100		
94	6.4	5.7	8.5
80	7.7	7.2	10.8

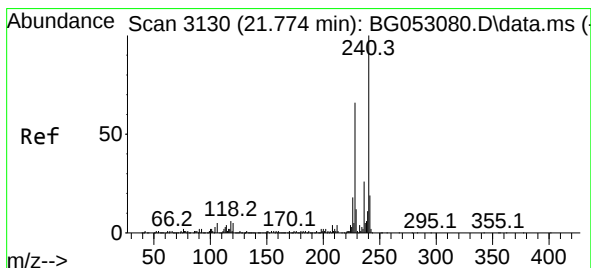
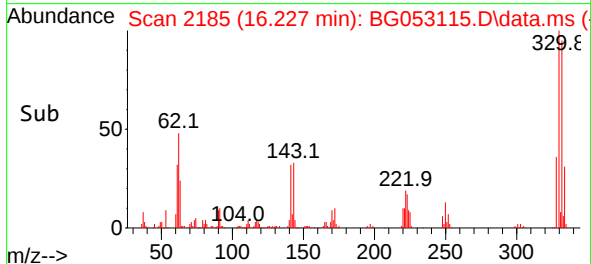
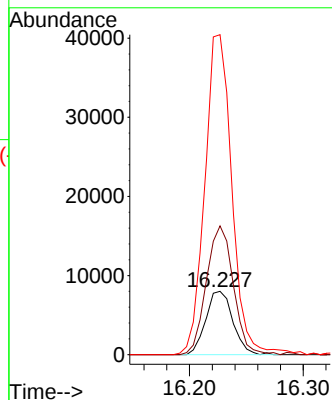
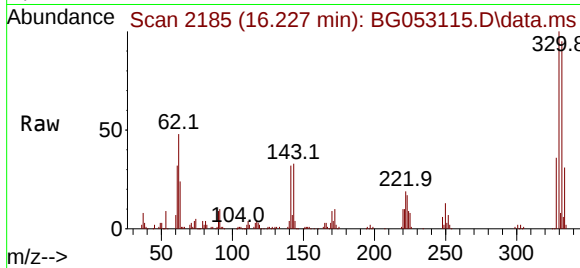




#67
4-Bromophenyl-phenylether
Concen: 4.290 ng
RT: 16.227 min Scan# 2185
Delta R.T. -0.448 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

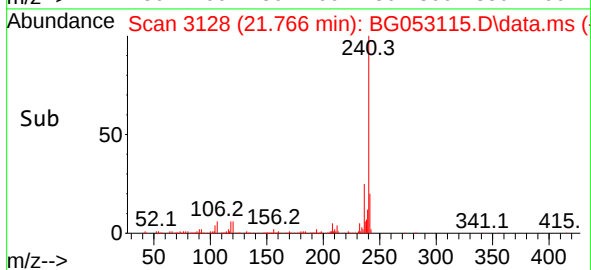
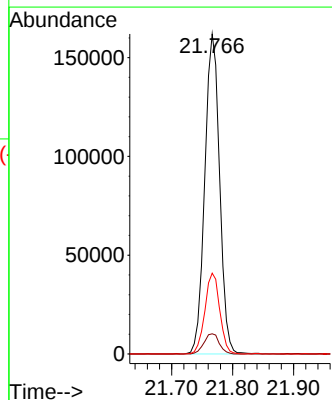
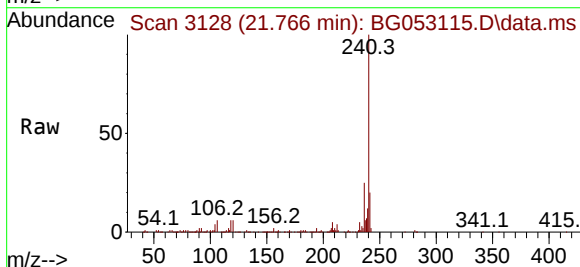
Instrument :
BNA_G
ClientSampleId :
PB144020BL

Tgt Ion:248 Resp: 13232
Ion Ratio Lower Upper
248 100
250 203.5 77.9 116.9#
141 505.2 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

Tgt Ion:240 Resp: 273910
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 25.3 19.8 29.6

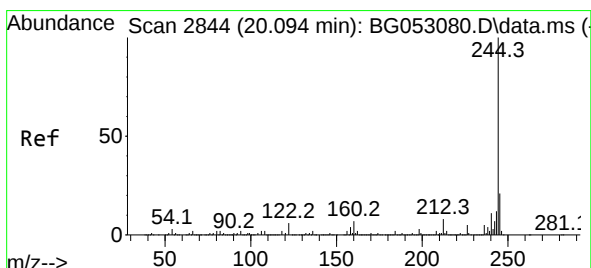
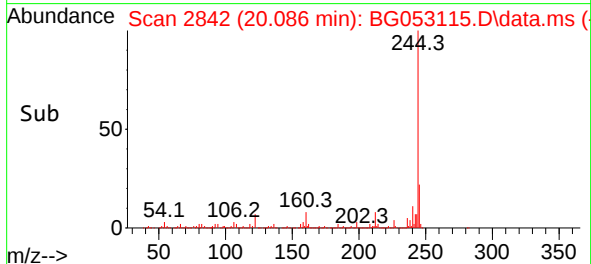
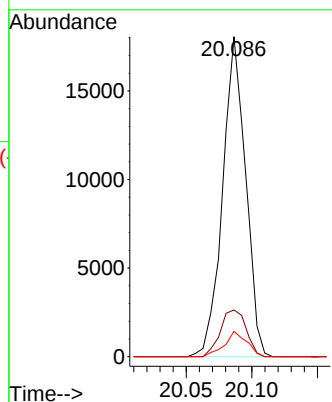
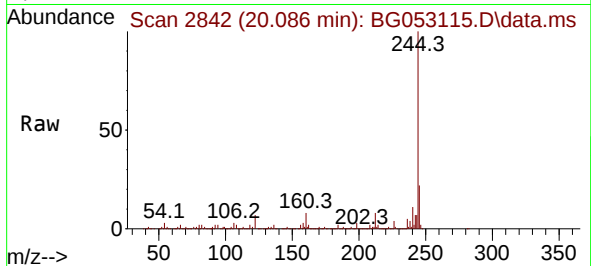




#77
Benzidine
Concen: 2.814 ng
RT: 20.086 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

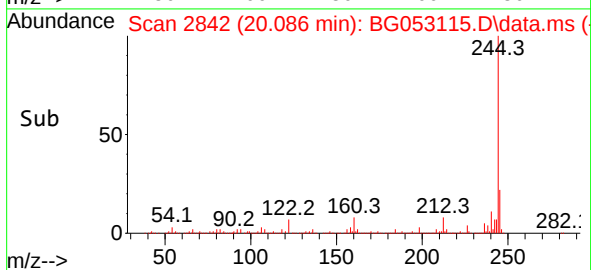
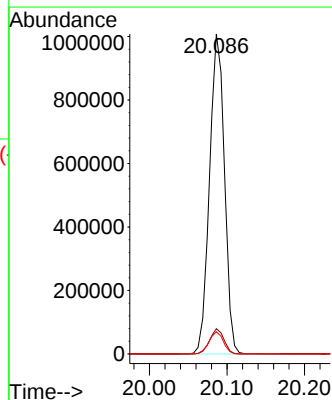
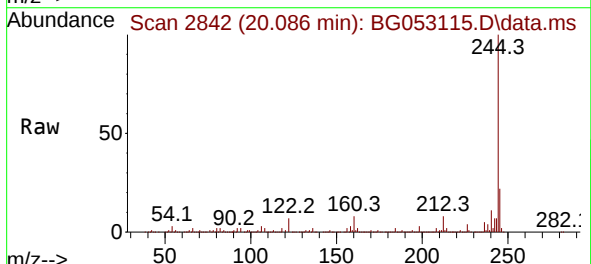
Instrument :
BNA_G
ClientSampleId :
PB144020BL

Tgt Ion:184 Resp: 21988
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 7.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 83.086 ng
RT: 20.086 min Scan# 2842
Delta R.T. -0.008 min
Lab File: BG053115.D
Acq: 12 Apr 2022 11:46

Tgt Ion:244 Resp: 1347504
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 7.0 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.068 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG053115.D
 Acq: 12 Apr 2022 11:46

Instrument :
 BNA_G
 ClientSampleId :
 PB144020BL

Tgt Ion:264 Resp: 277503
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 21.9 15.1 22.7

