

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053262.D
 Acq On : 22 Apr 2022 15:39
 Operator : CG/JU
 Sample : N2487-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-S

Quant Time: Apr 24 01:15:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

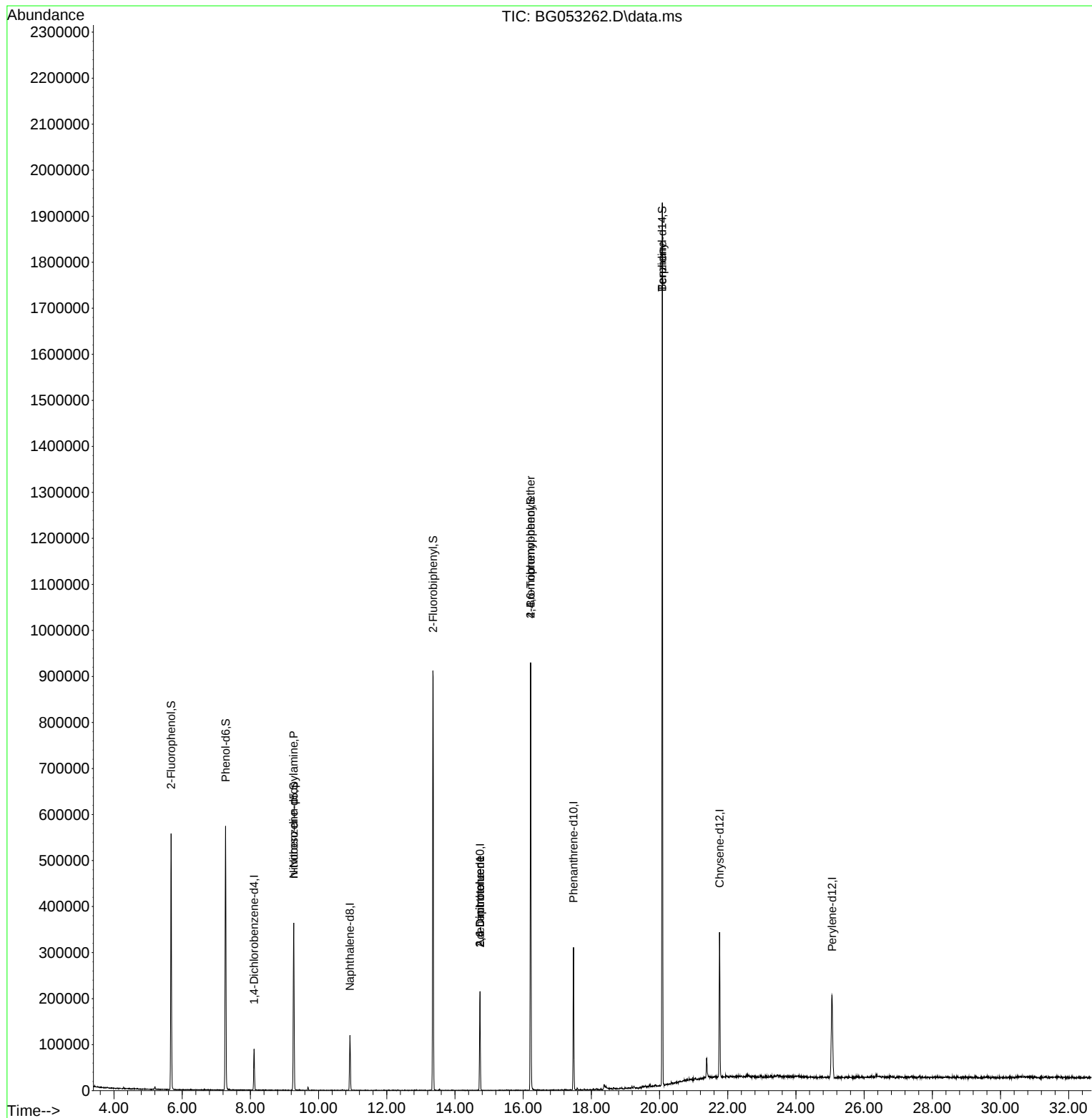
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	23505	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	98125	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	76215	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	195948	20.000	ng	0.00
76) Chrysene-d12	21.760	240	203744	20.000	ng	0.00
86) Perylene-d12	25.061	264	206309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	223383	162.910	ng	0.00
7) Phenol-d6	7.273	99	325522	153.944	ng	0.00
23) Nitrobenzene-d5	9.271	82	228895	94.715	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	186389	153.717	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	495316	89.614	ng	0.00
79) Terphenyl-d14	20.080	244	989124	81.992	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.271	70	32980	21.304	ng	# 76
51) 2,6-Dinitrotoluene	14.734	165	9692	7.621	ng	# 24
57) 2,4-Dinitrotoluene	14.734	165	9692	5.353	ng	# 22
67) 4-Bromophenyl-phenylether	16.220	248	12341	4.915	ng	# 1
77) Benzidine	20.080	184	17406	2.994	ng	# 88

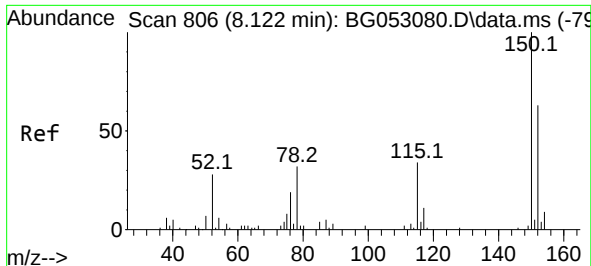
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

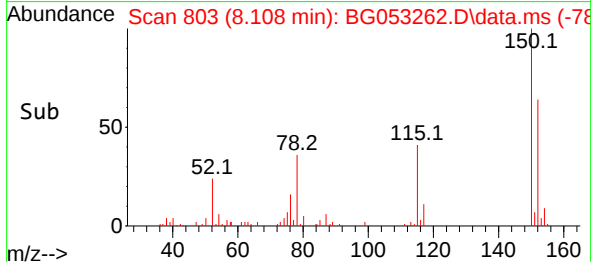
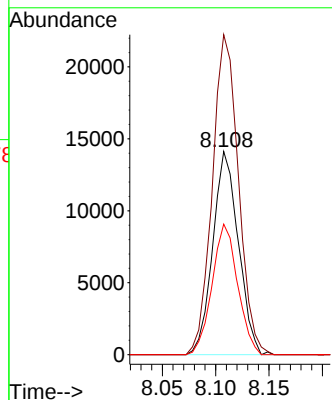
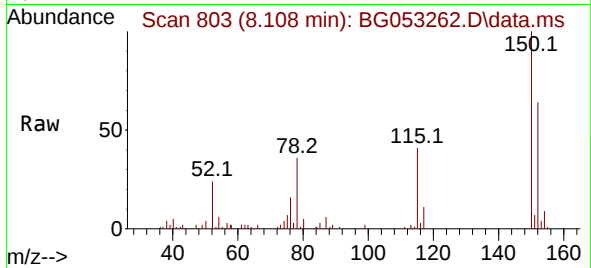




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.108 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

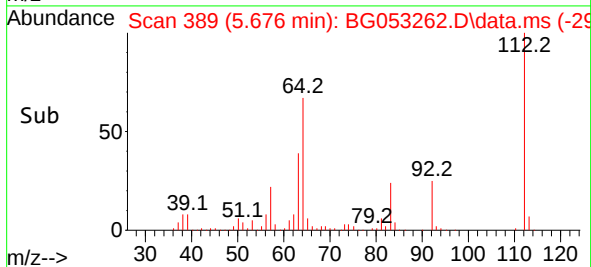
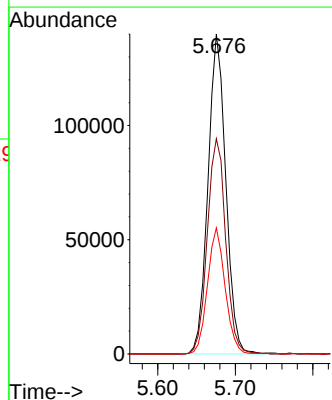
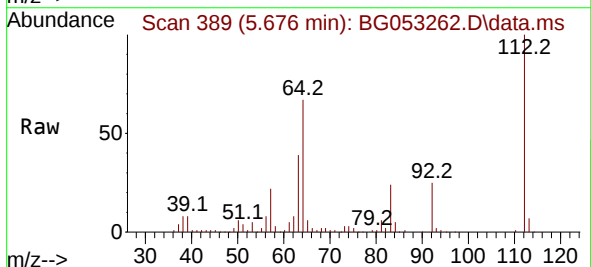
Instrument :
BNA_G
ClientSampleId :
UST-1-S

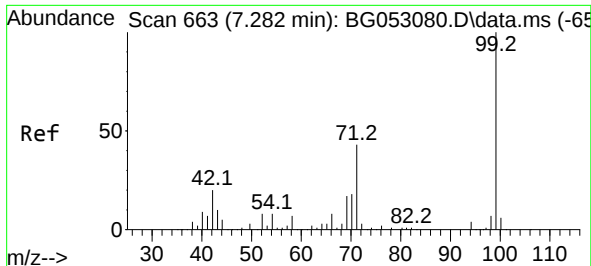
Tgt Ion:152 Resp: 23505
Ion Ratio Lower Upper
152 100
150 157.4 114.6 172.0
115 64.2 45.9 68.9



#5
2-Fluorophenol
Concen: 162.910 ng
RT: 5.676 min Scan# 389
Delta R.T. -0.000 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:112 Resp: 223383
Ion Ratio Lower Upper
112 100
64 67.2 48.0 72.0
63 39.4 26.5 39.7

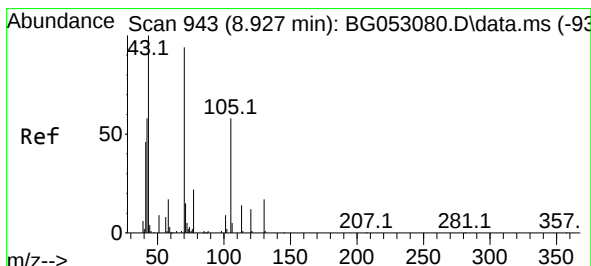
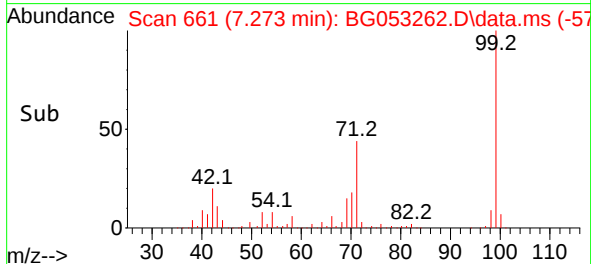
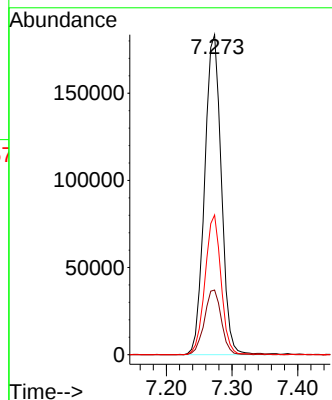
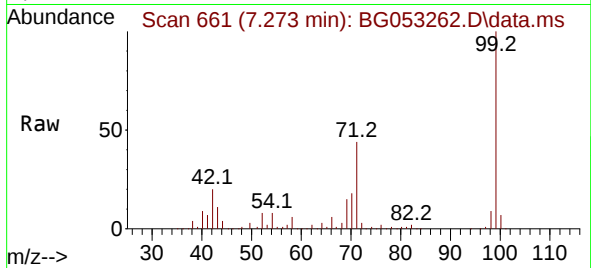




#7
Phenol-d6
Concen: 153.944 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

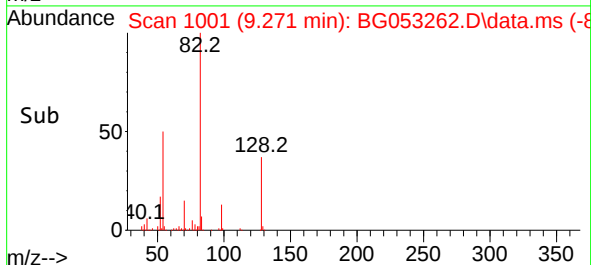
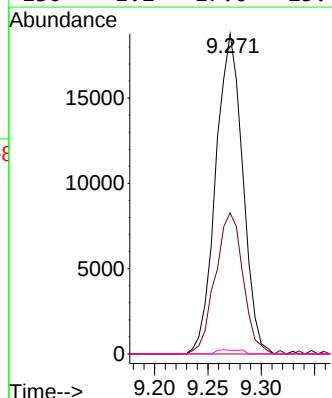
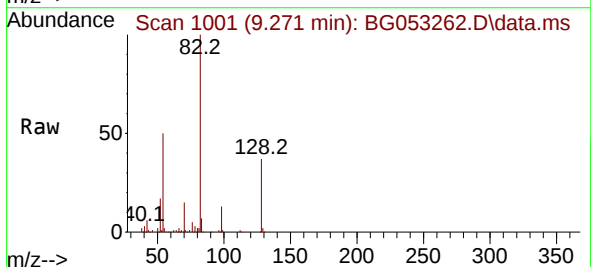
Instrument :
BNA_G
ClientSampleId :
UST-1-S

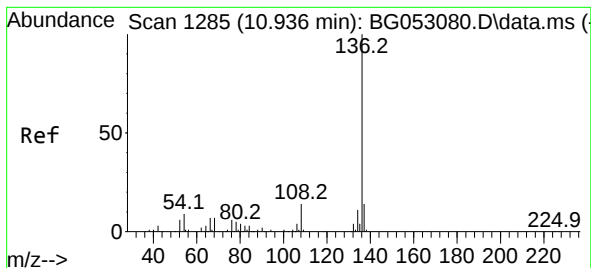
Tgt Ion: 99 Resp: 325522
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 43.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.304 ng
RT: 9.271 min Scan# 1001
Delta R.T. 0.358 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion: 70 Resp: 32980
Ion Ratio Lower Upper
70 100
42 44.1 46.0 69.0#
101 0.0 6.2 9.4#
130 1.2 17.0 25.4#

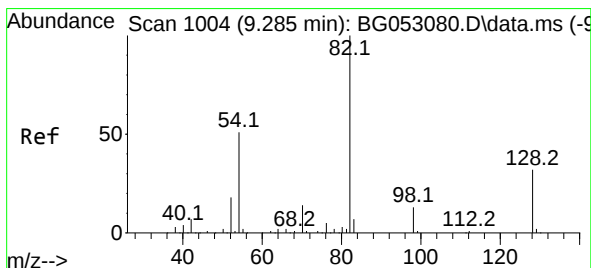
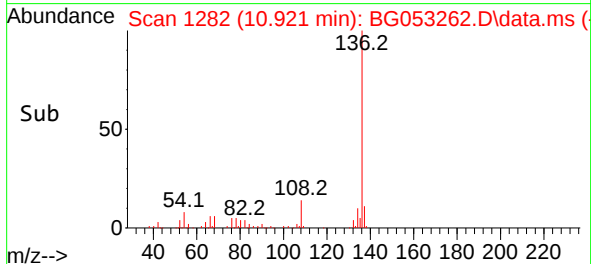
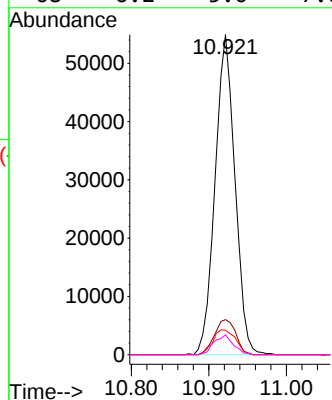
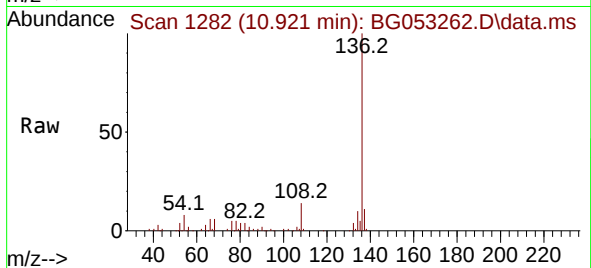




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.921 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

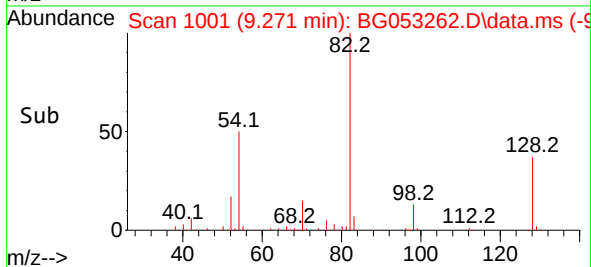
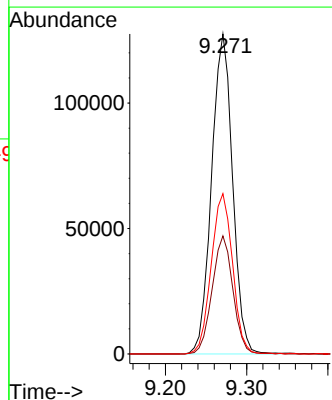
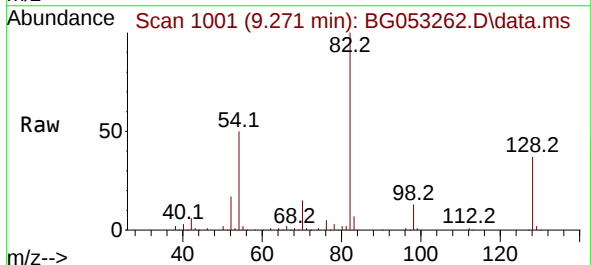
Instrument :
BNA_G
ClientSampleId :
UST-1-S

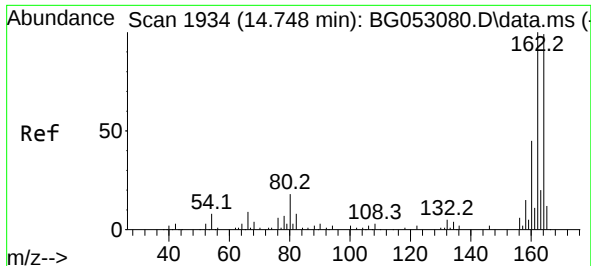
Tgt Ion:	136	Resp:	98125
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.4	14.2
54	7.7	6.4	9.6
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 94.715 ng
RT: 9.271 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:	82	Resp:	228895
Ion Ratio	Lower	Upper	
82	100		
128	36.9	31.3	46.9
54	50.1	37.8	56.8

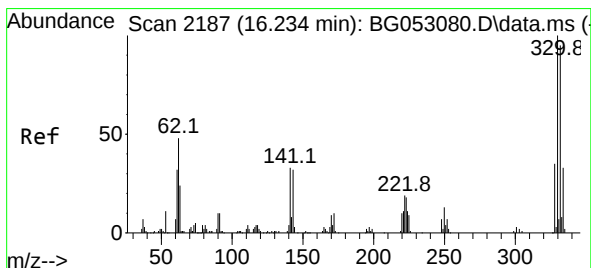
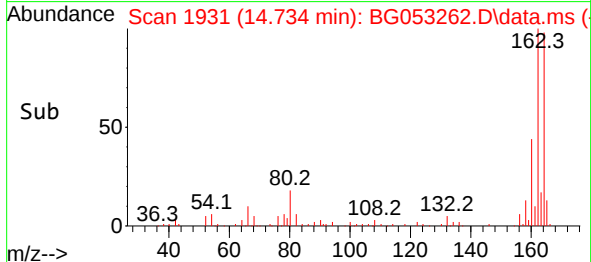
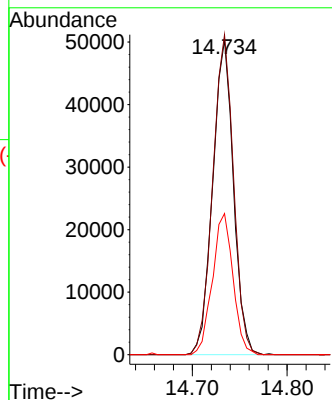
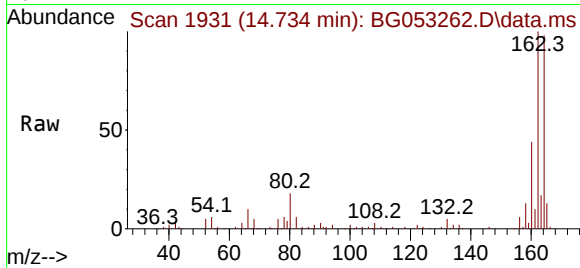




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

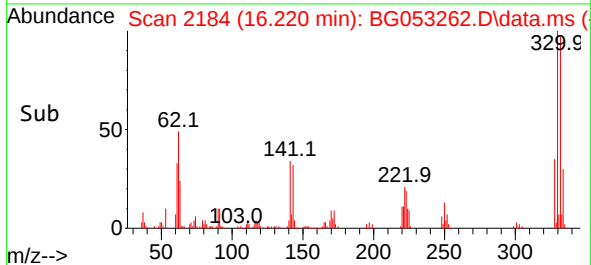
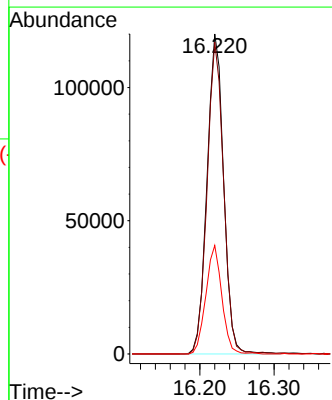
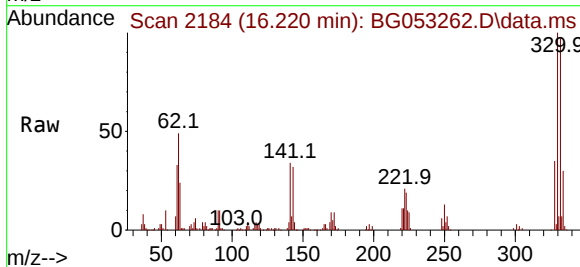
Instrument :
BNA_G
ClientSampleId :
UST-1-S

Tgt Ion:164 Resp: 76215
Ion Ratio Lower Upper
164 100
162 101.7 80.0 120.0
160 44.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 153.717 ng
RT: 16.220 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:330 Resp: 186389
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 32.7 24.6 36.8

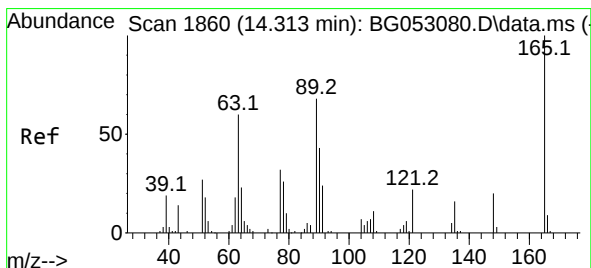
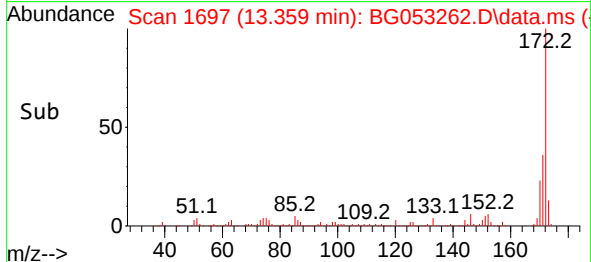
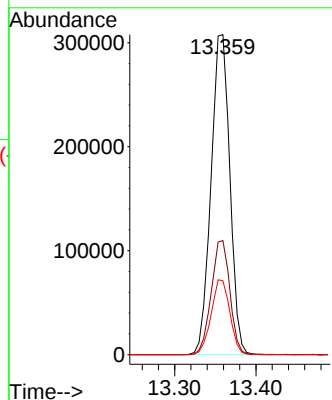
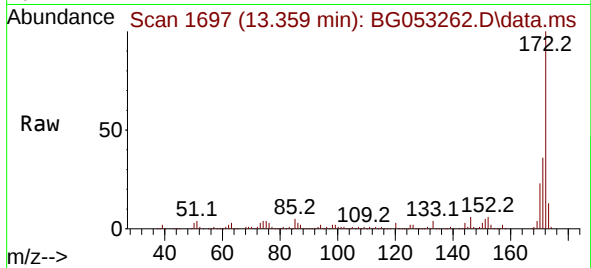




#45
2-Fluorobiphenyl
Concen: 89.614 ng
RT: 13.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

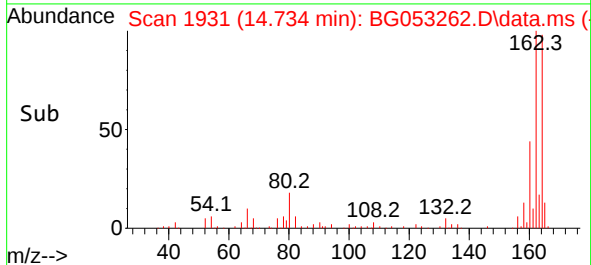
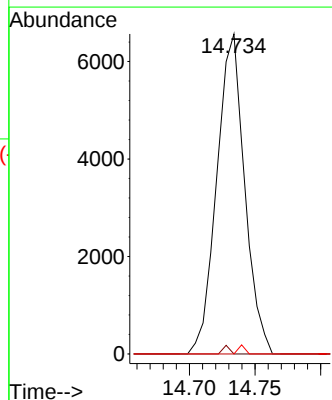
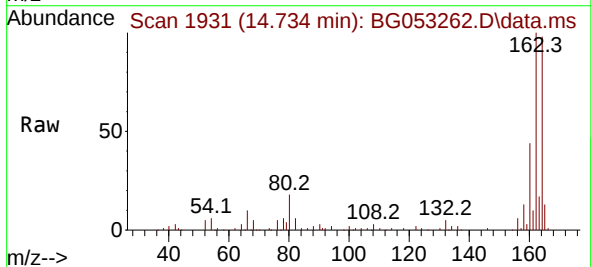
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ClientSampleId :
UST-1-S

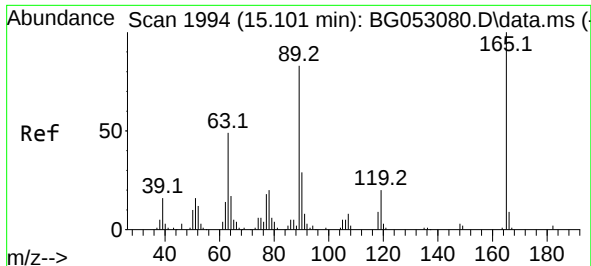
Tgt Ion:172 Resp: 495316
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.1 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.621 ng
RT: 14.734 min Scan# 1931
Delta R.T. 0.429 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:165 Resp: 9692
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

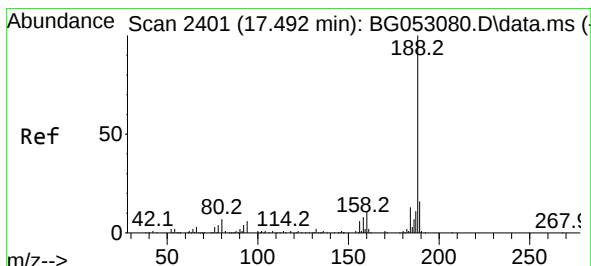
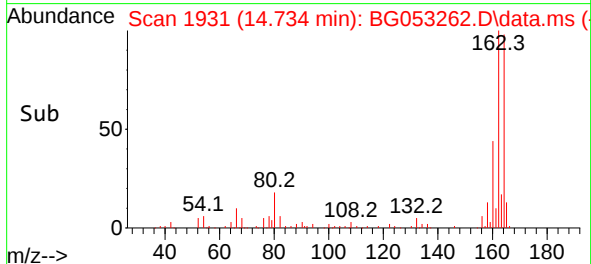
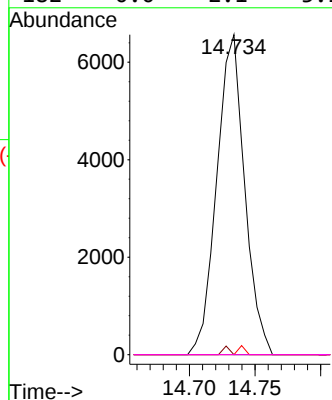
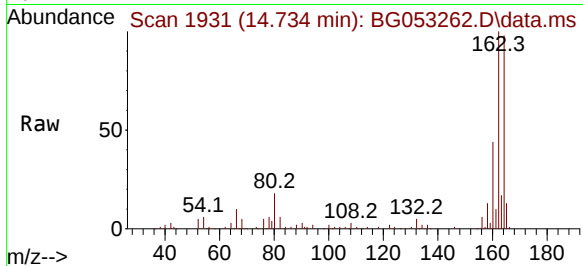




#57
2,4-Dinitrotoluene
Concen: 5.353 ng
RT: 14.734 min Scan# 1994
Delta R.T. -0.358 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

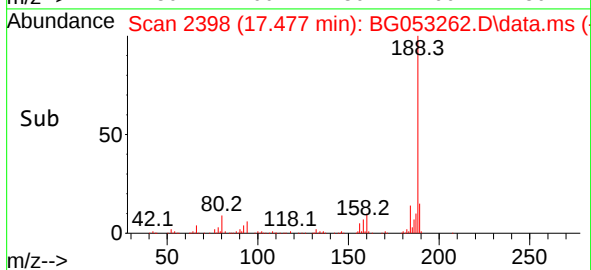
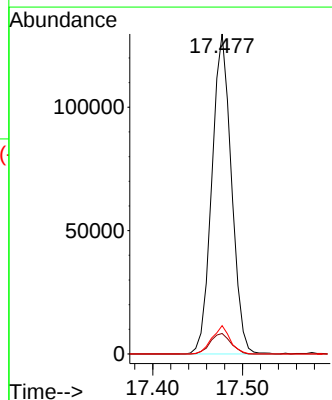
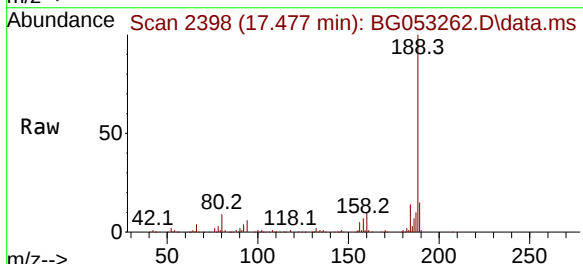
Instrument :
BNA_G
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UST-1-S

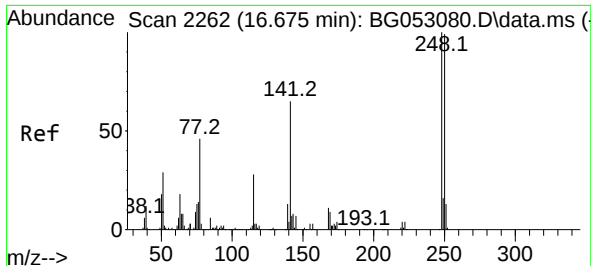
Tgt Ion:	165	Resp:	9692
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	0.0	57.4	86.0#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:	188	Resp:	195948
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.7	8.5
80	8.8	7.2	10.8

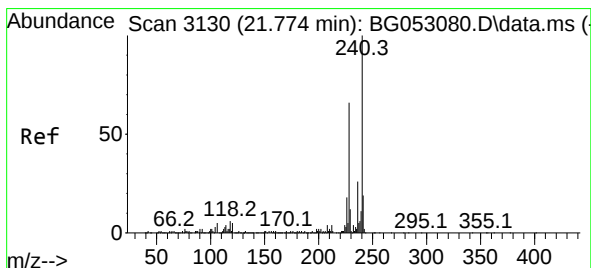
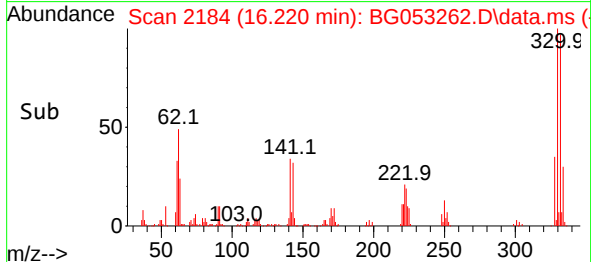
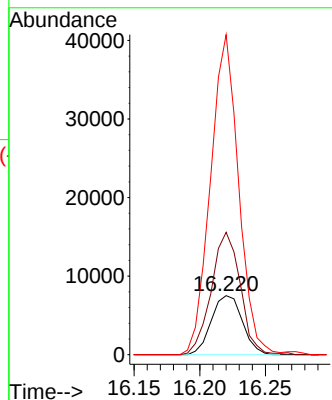
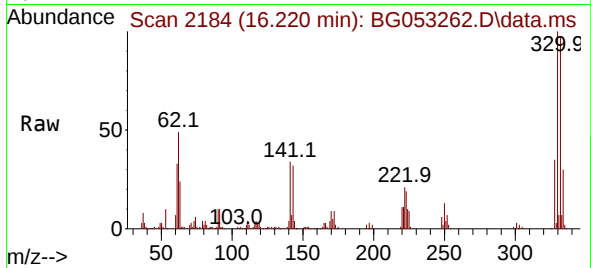




#67
4-Bromophenyl-phenylether
Concen: 4.915 ng
RT: 16.220 min Scan# 2118
Delta R.T. -0.441 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

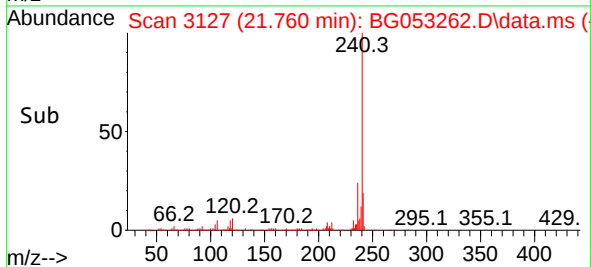
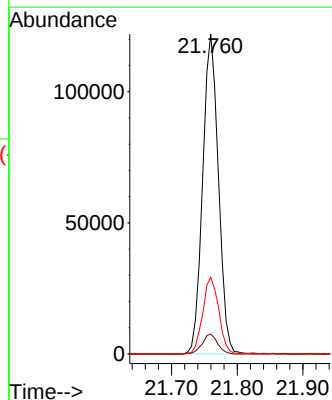
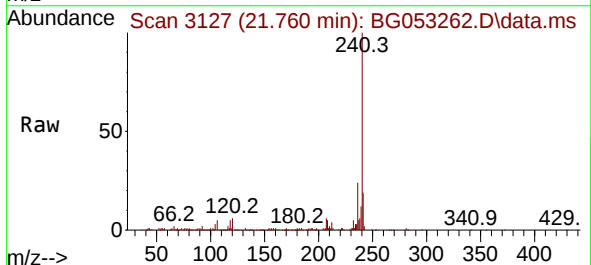
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:248 Resp: 12341
Ion Ratio Lower Upper
248 100
250 207.3 77.9 116.9#
141 541.5 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:240 Resp: 203744
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 24.0 19.8 29.6

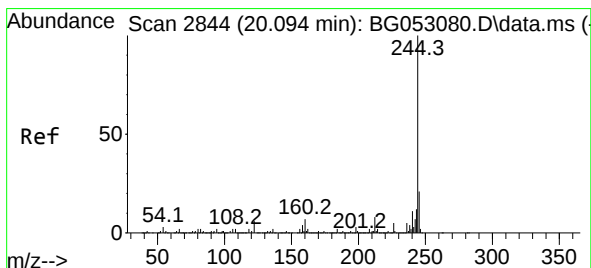
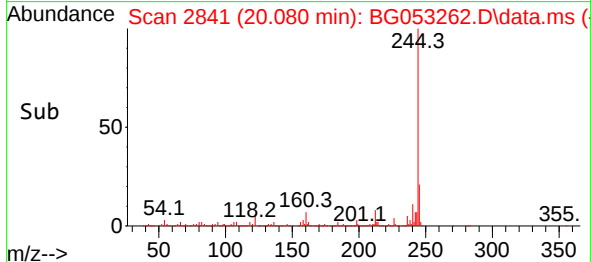
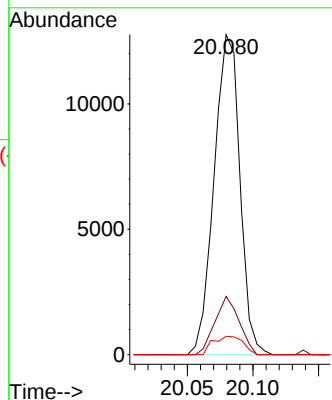
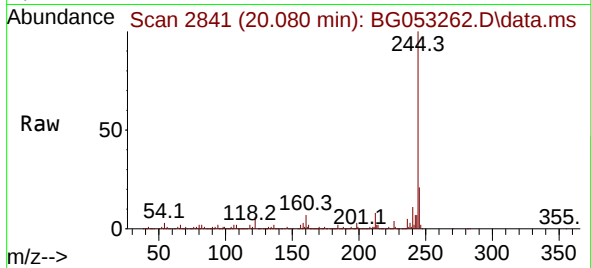




#77
Benzidine
Concen: 2.994 ng
RT: 20.080 min Scan# 2841
Delta R.T. 0.376 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

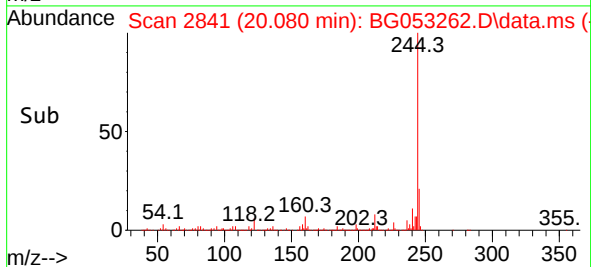
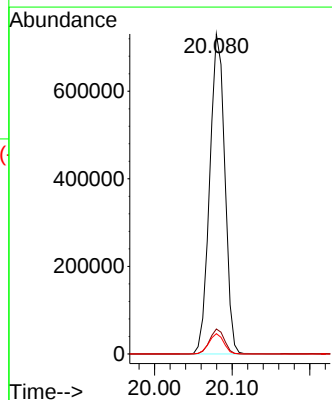
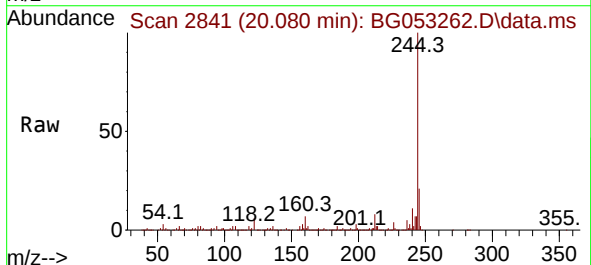
Instrument :
BNA_G
ClientSampleId :
UST-1-S

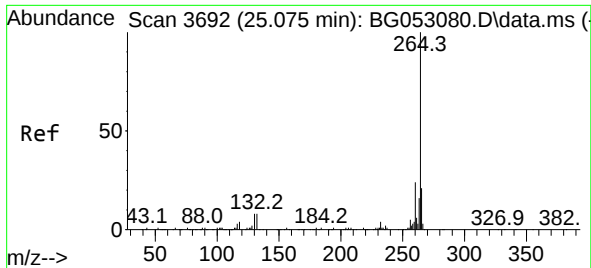
Tgt Ion:184 Resp: 17406
Ion Ratio Lower Upper
184 100
185 18.2 11.5 17.3#
183 5.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 81.992 ng
RT: 20.080 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BG053262.D
Acq: 22 Apr 2022 15:39

Tgt Ion:244 Resp: 989124
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG053262.D
 Acq: 22 Apr 2022 15:39

Instrument :
 BNA_G
 ClientSampleId :
 UST-1-S

Tgt Ion:264 Resp: 206309
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.0 15.1 22.7

