

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057723.D
 Acq On : 15 Jun 2023 13:57
 Operator : CG/JU
 Sample : 03160-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PNNL-B-0609-1

Quant Time: Jun 15 14:33:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

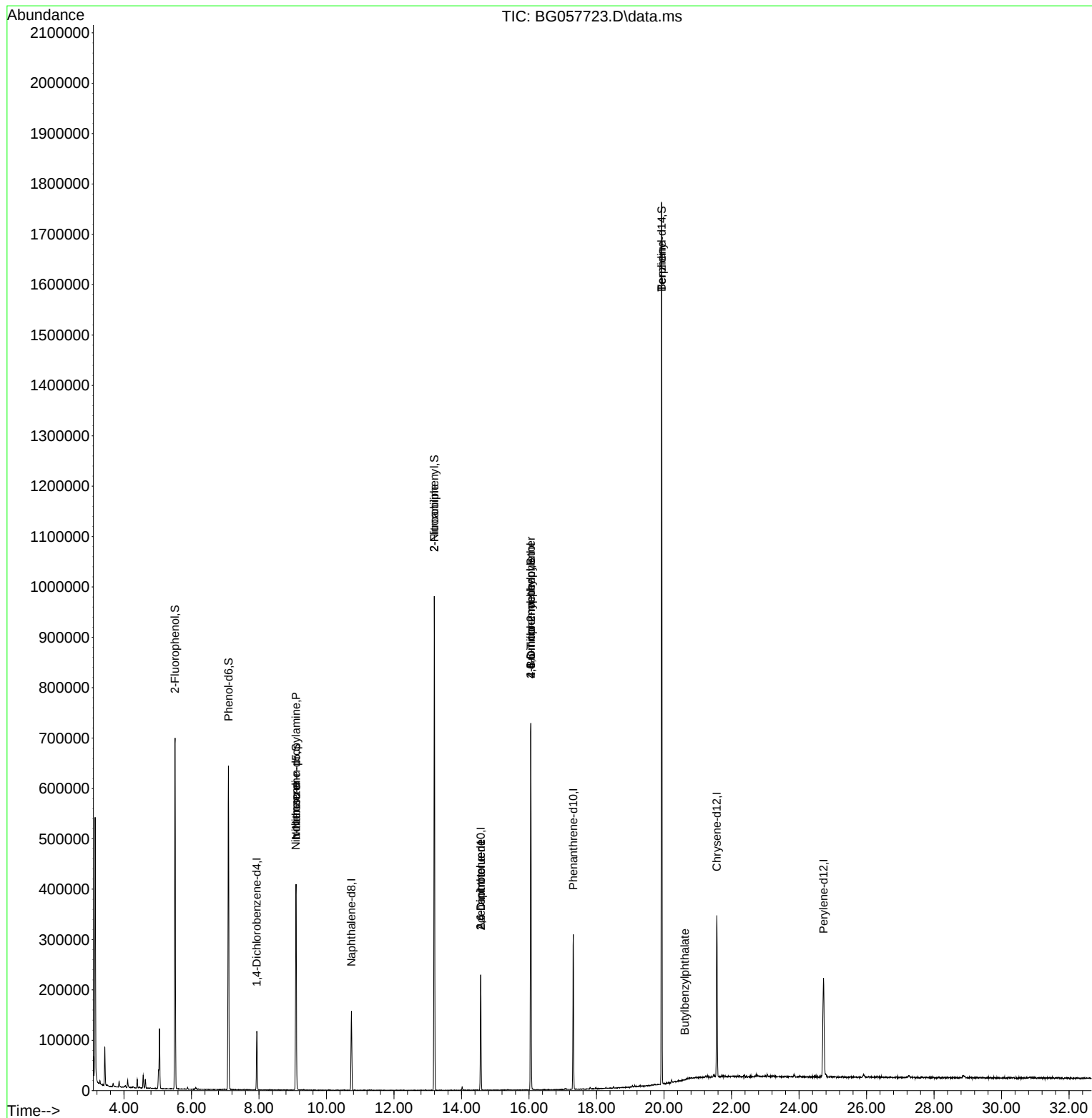
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	31967	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	127387	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	79165	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	189485	20.000	ng	0.00
76) Chrysene-d12	21.565	240	181749	20.000	ng	0.00
86) Perylene-d12	24.726	264	216775	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	285268	145.306	ng	0.00
7) Phenol-d6	7.094	99	360875	119.654	ng	0.00
23) Nitrobenzene-d5	9.098	82	238321	110.824	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	148468	168.101	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	510453	96.114	ng	0.00
79) Terphenyl-d14	19.932	244	916411	93.223	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	28724	13.172	ng	# 81
24) Nitrobenzene	9.092	77	679	5.341	ng	# 44
48) 2-Nitroaniline	13.193	65	817	5.024	ng	# 1
51) 2,6-Dinitrotoluene	14.568	165	10080	17.440	ng	# 14
57) 2,4-Dinitrotoluene	14.568	165	10080	14.486	ng	# 17
65) 4,6-Dinitro-2-methylph...	16.054	198	283	2.515	ng	# 1
67) 4-Bromophenyl-phenylether	16.054	248	9667	5.010	ng	# 1
77) Benzidine	19.932	184	12982	2.996	ng	# 92
80) Butylbenzylphthalate	20.613	149	57	4.118	ng	# 21

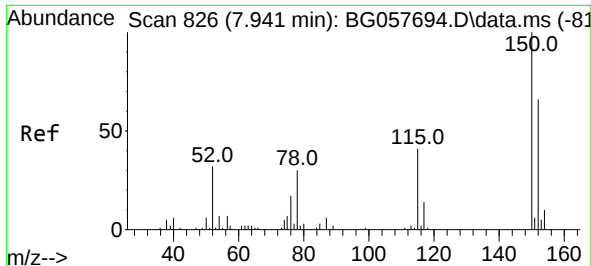
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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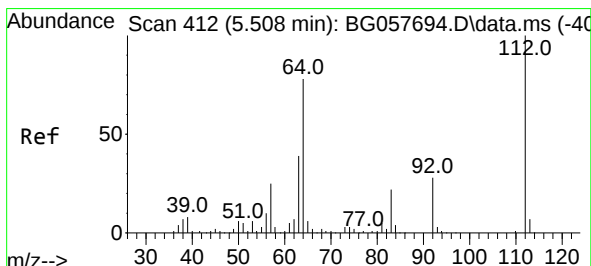
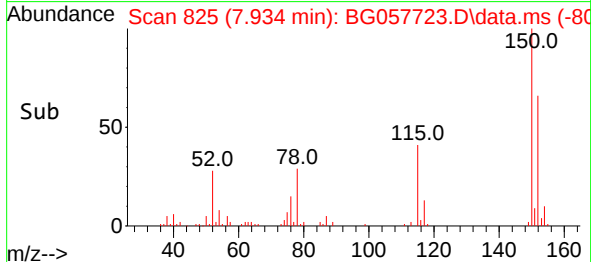
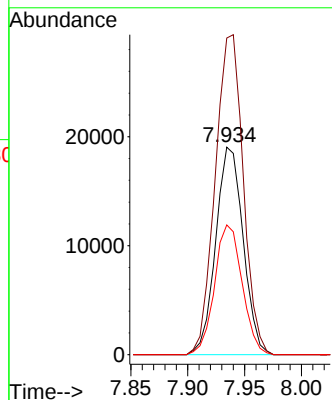
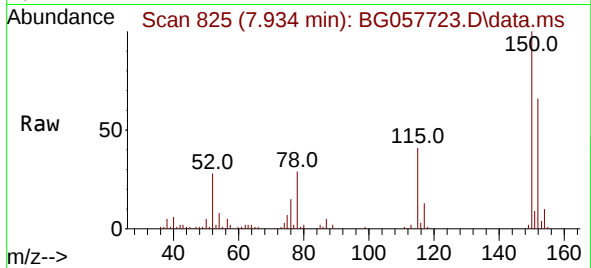




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

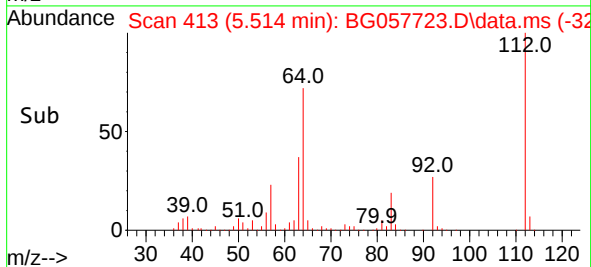
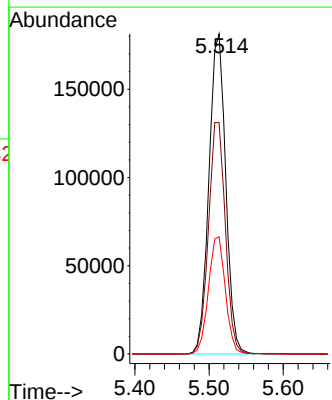
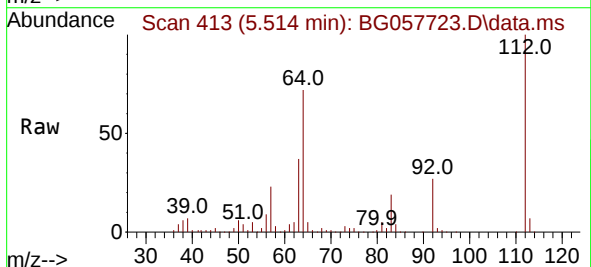
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

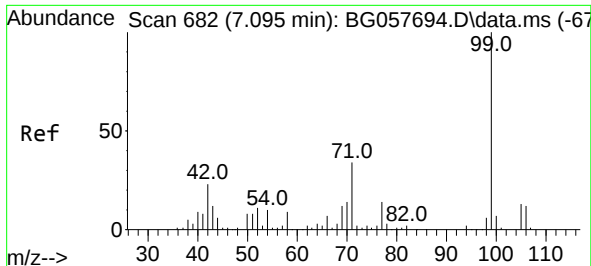
Tgt Ion:152 Resp: 31967
Ion Ratio Lower Upper
152 100
150 152.5 120.8 181.2
115 62.5 49.4 74.2



#5
2-Fluorophenol
Concen: 145.306 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.005 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion:112 Resp: 285268
Ion Ratio Lower Upper
112 100
64 72.3 62.3 93.5
63 36.6 31.5 47.3

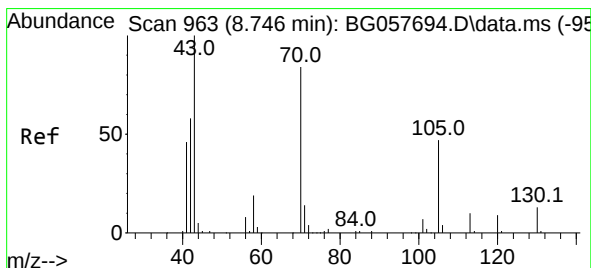
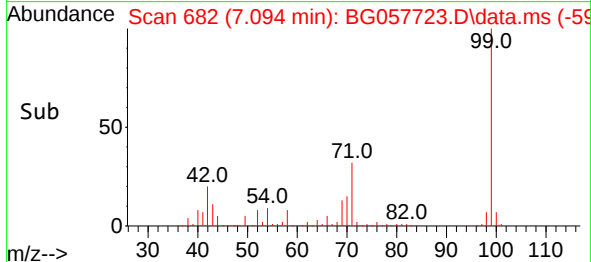
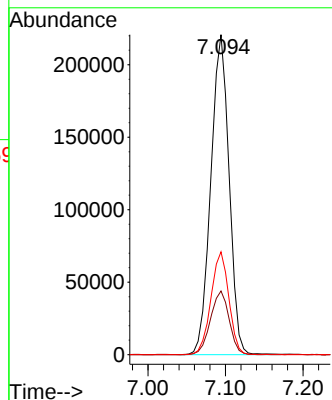
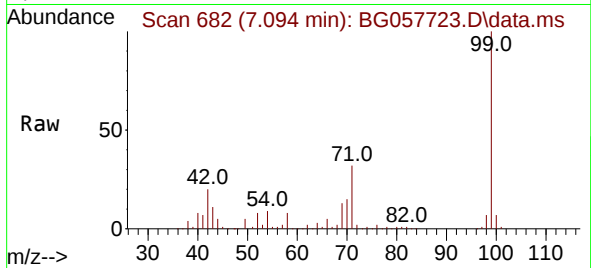




#7
Phenol-d6
Concen: 119.654 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

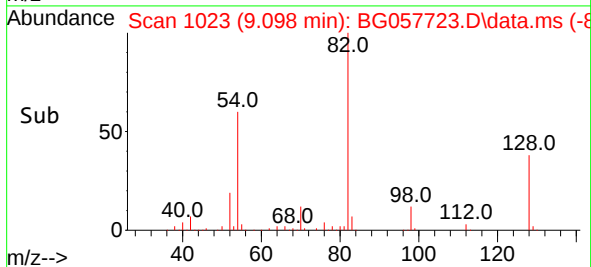
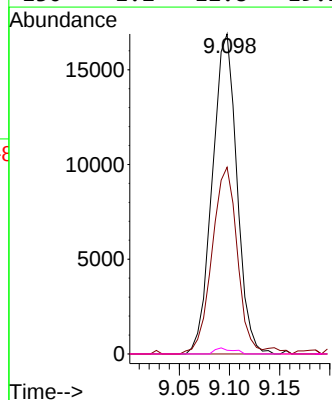
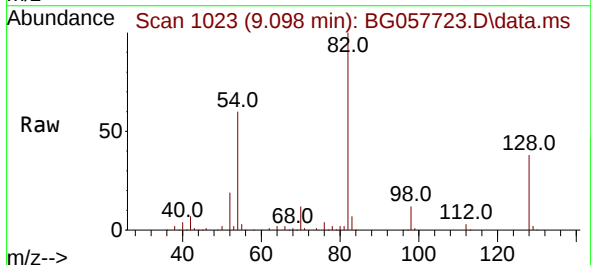
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

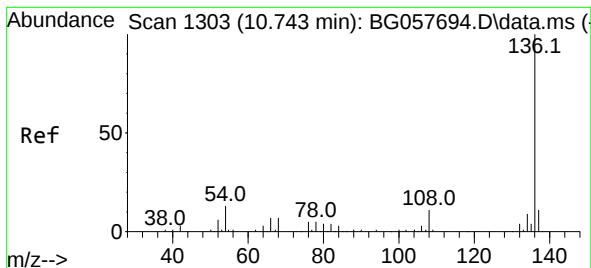
Tgt Ion: 99 Resp: 360875
Ion Ratio Lower Upper
99 100
42 19.9 18.3 27.5
71 32.2 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.172 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.352 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion: 70 Resp: 28724
Ion Ratio Lower Upper
70 100
42 58.4 56.6 84.8
101 0.0 6.2 9.4#
130 1.2 12.8 19.2#

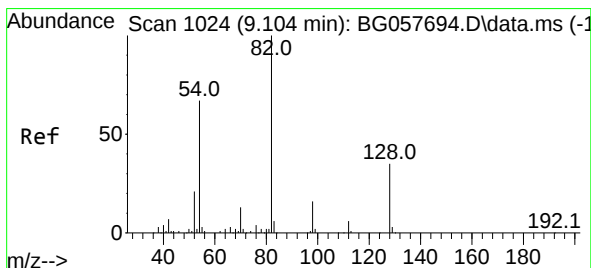
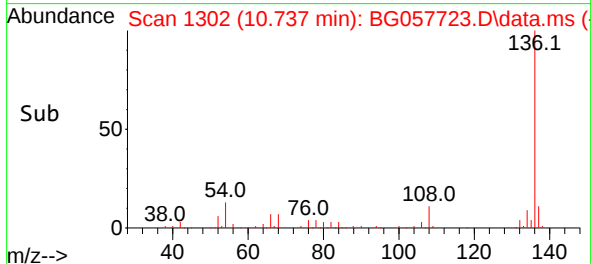
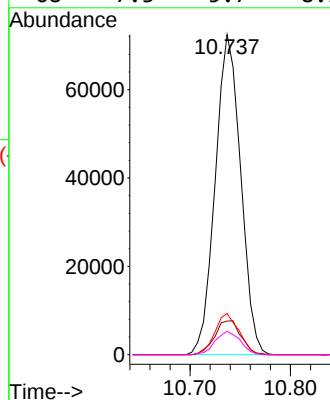
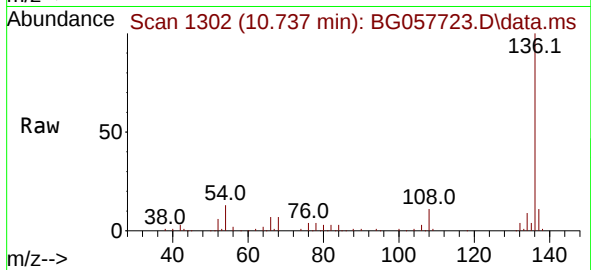




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

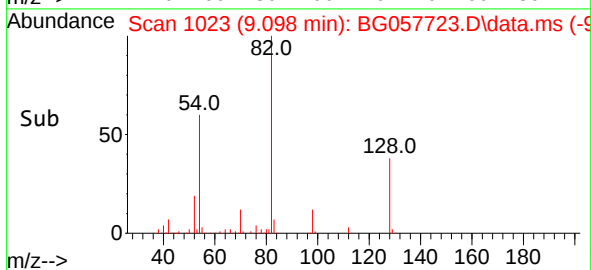
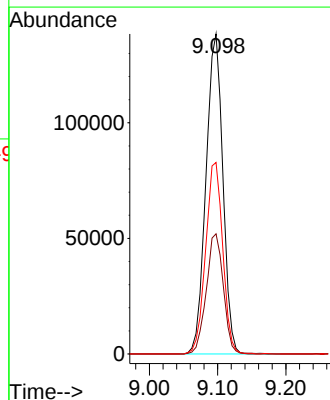
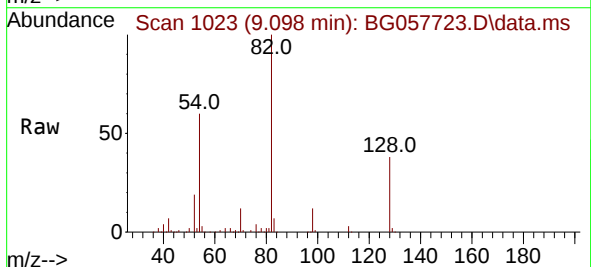
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

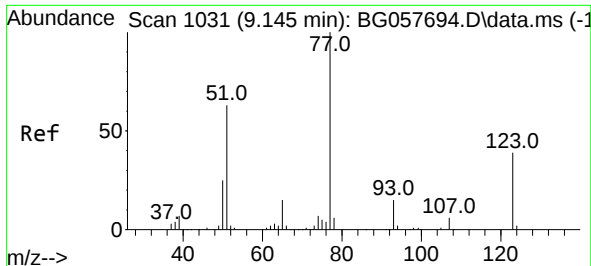
Tgt Ion:	136	Resp:	127387
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	12.8	10.8	16.2
68	7.3	5.7	8.5



#23
Nitrobenzene-d5
Concen: 110.824 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion:	82	Resp:	238321
Ion Ratio	Lower	Upper	
82	100		
128	37.5	27.7	41.5
54	59.9	53.8	80.8

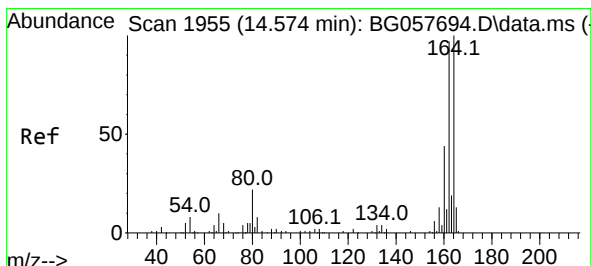
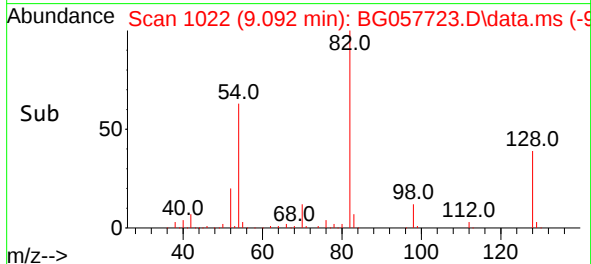
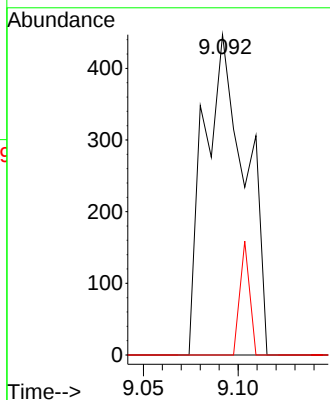
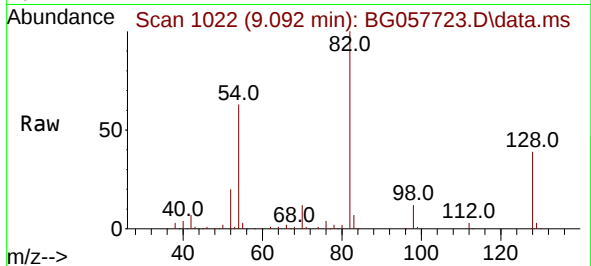




#24
Nitrobenzene
Concen: 5.341 ng
RT: 9.092 min Scan# 1031
Delta R.T. -0.053 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

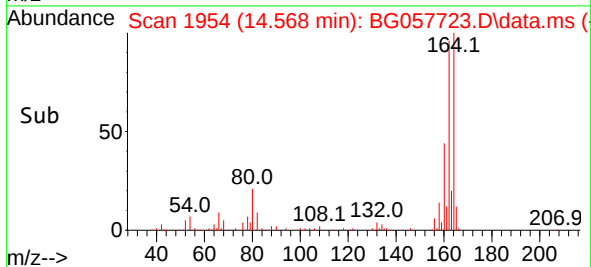
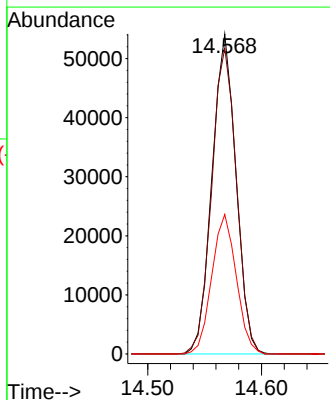
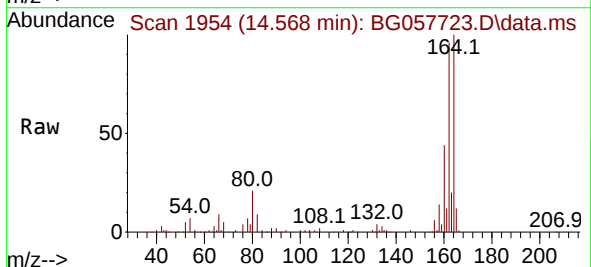
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

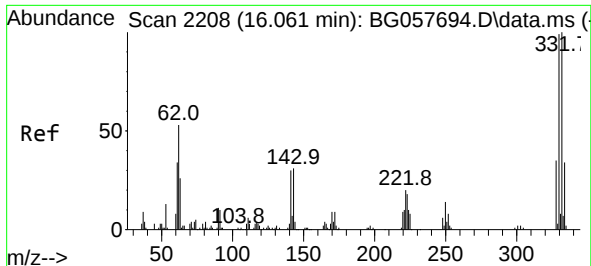
Tgt Ion: 77 Resp: 679
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion:164 Resp: 79165
Ion Ratio Lower Upper
164 100
162 95.5 77.7 116.5
160 43.6 35.1 52.7

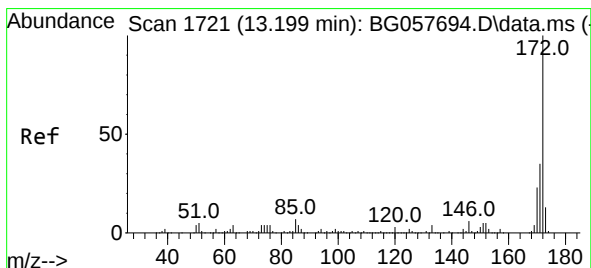
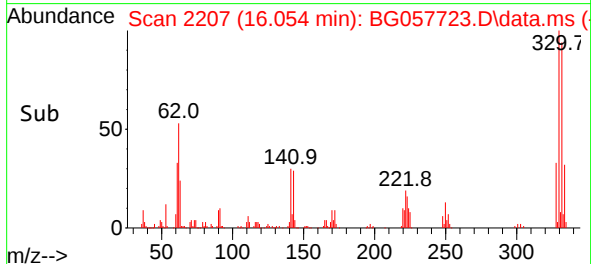
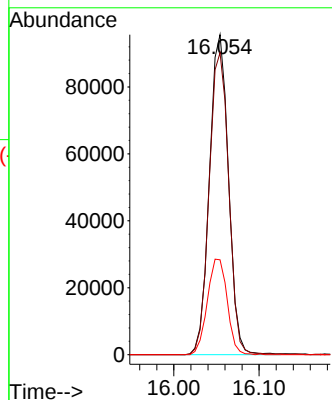
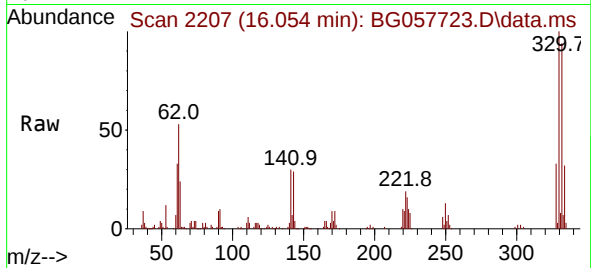




#42
2,4,6-Tribromophenol
Concen: 168.101 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

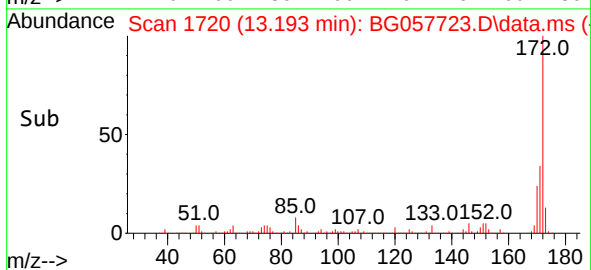
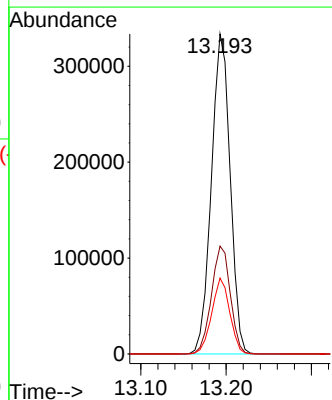
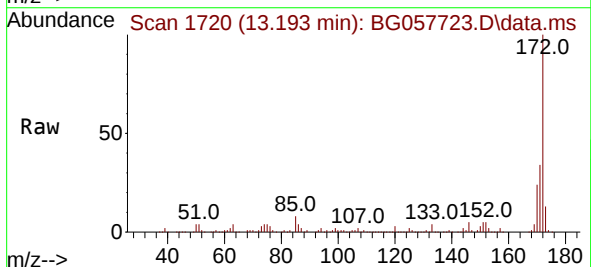
Instrument :
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ClientSampleId :
PNNL-B-0609-1

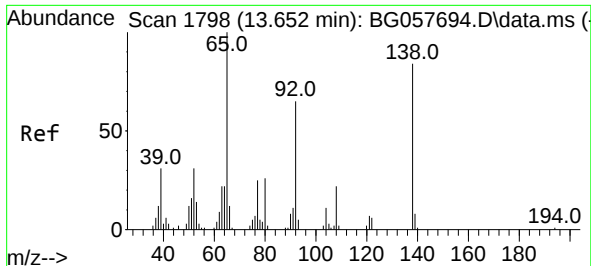
Tgt Ion:330 Resp: 148468
Ion Ratio Lower Upper
330 100
332 96.8 79.0 118.6
141 31.0 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 96.114 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion:172 Resp: 510453
Ion Ratio Lower Upper
172 100
171 33.7 27.9 41.9
170 23.7 18.2 27.4

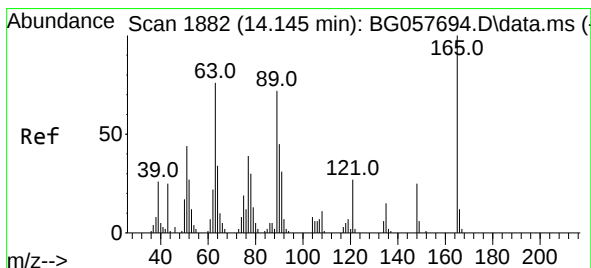
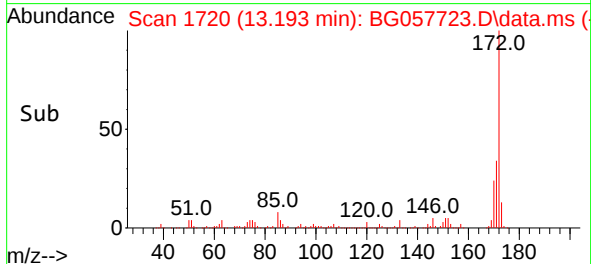
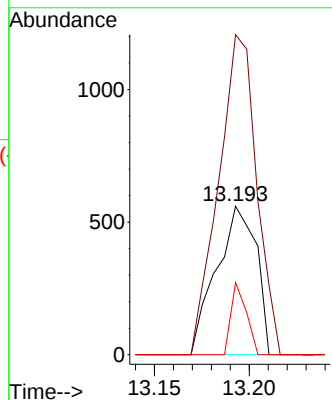
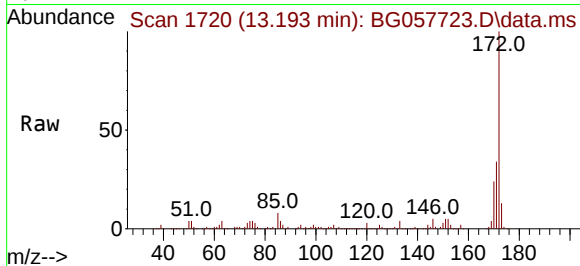




#48
2-Nitroaniline
Concen: 5.024 ng
RT: 13.193 min Scan# 1
Delta R.T. -0.459 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

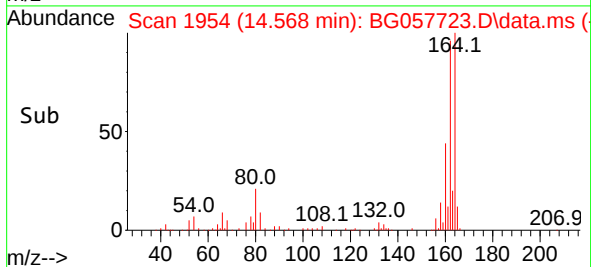
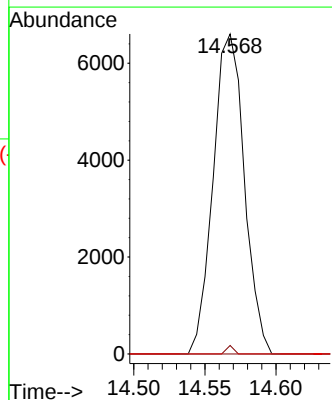
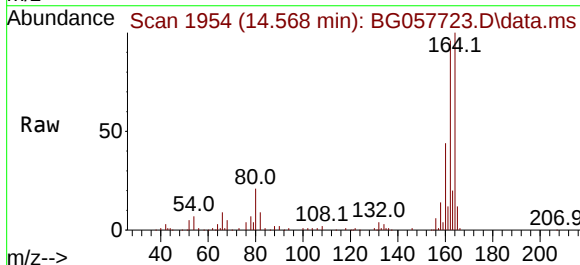
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

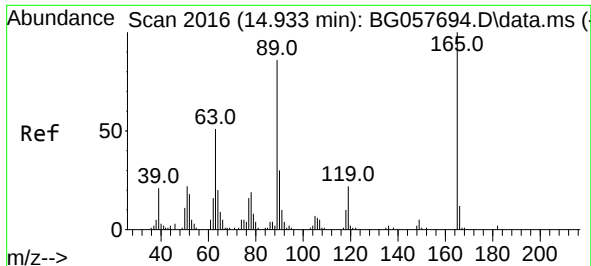
Tgt Ion: 65 Resp: 817
Ion Ratio Lower Upper
65 100
92 215.5 52.2 78.4#
138 48.6 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.440 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.423 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

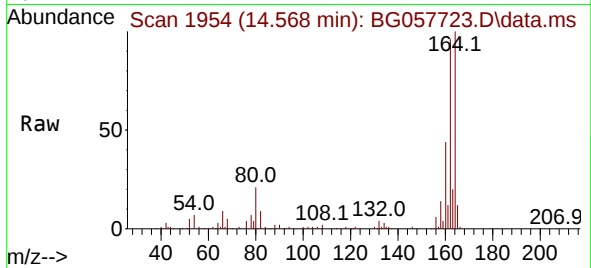
Tgt Ion:165 Resp: 10080
Ion Ratio Lower Upper
165 100
63 2.7 62.3 93.5#
89 0.0 57.4 86.0#



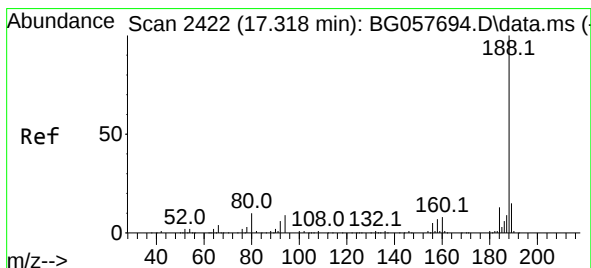
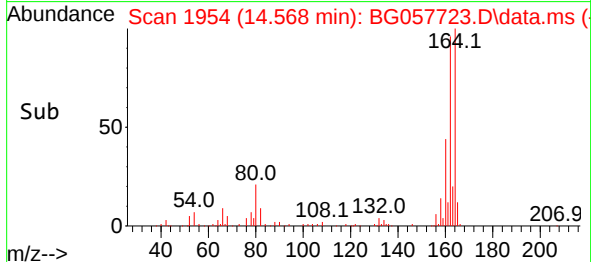
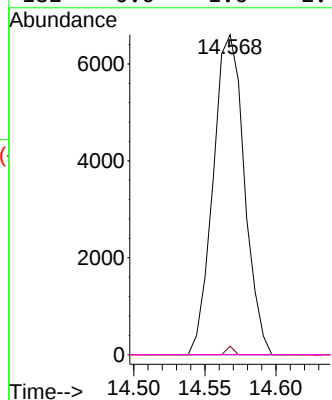


#57
2,4-Dinitrotoluene
Concen: 14.486 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.365 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

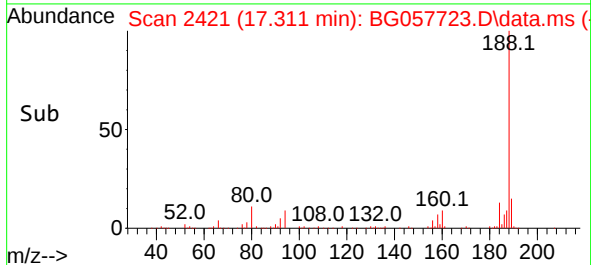
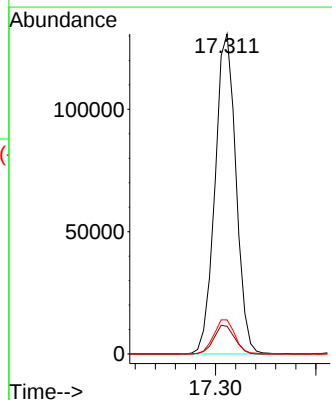
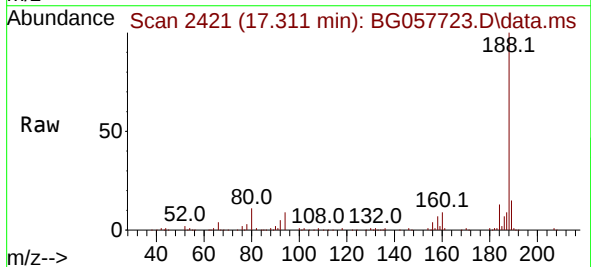


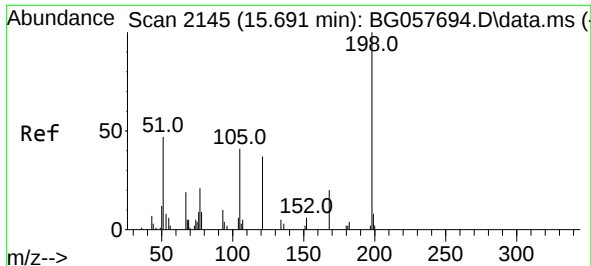
Tgt Ion:165 Resp: 10080
Ion Ratio Lower Upper
165 100
63 2.7 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2421
Delta R.T. -0.007 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion:188 Resp: 189485
Ion Ratio Lower Upper
188 100
94 8.7 6.9 10.3
80 10.6 8.2 12.4

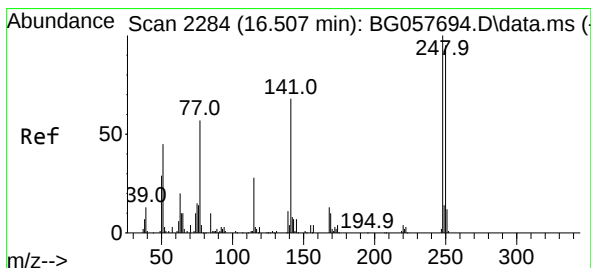
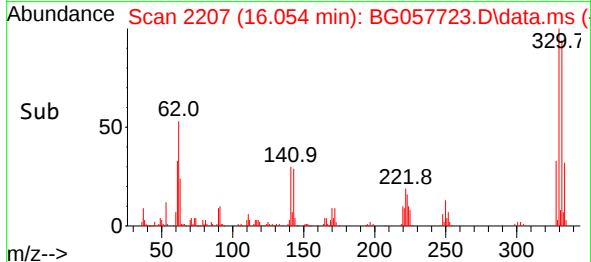
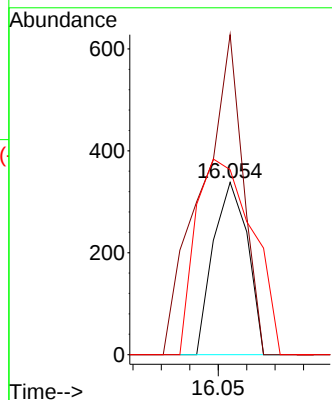
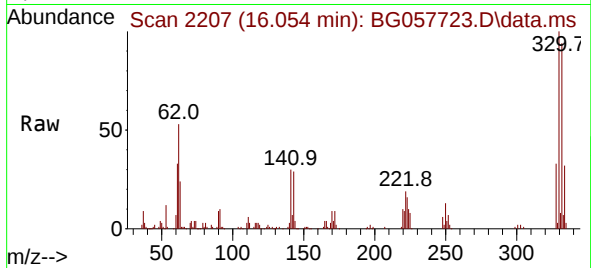




#65
4,6-Dinitro-2-methylphenol
Concen: 2.515 ng
RT: 16.054 min Scan# 2145
Delta R.T. 0.363 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

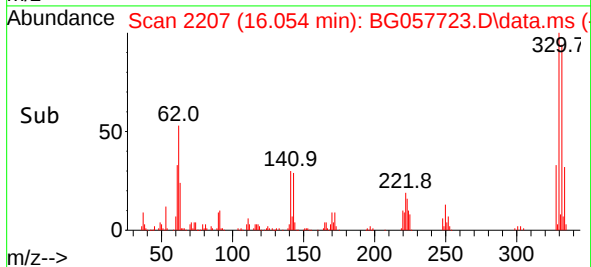
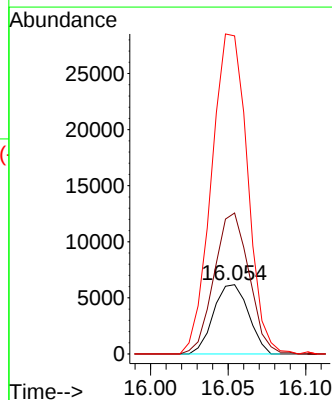
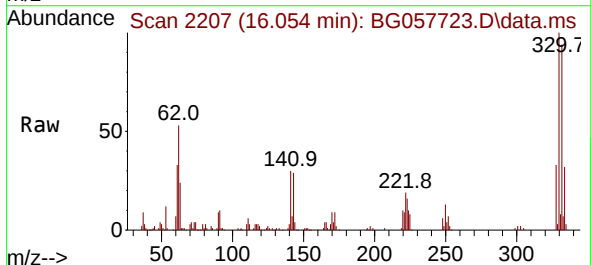
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

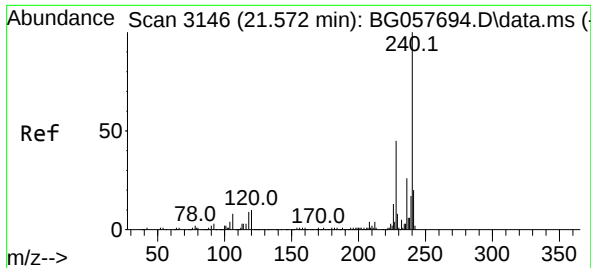
Tgt Ion:198 Resp: 283
Ion Ratio Lower Upper
198 100
51 185.8 42.0 82.0#
105 107.4 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 5.010 ng
RT: 16.054 min Scan# 2207
Delta R.T. -0.453 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion:248 Resp: 9667
Ion Ratio Lower Upper
248 100
250 203.5 76.3 114.5#
141 459.1 54.6 82.0#

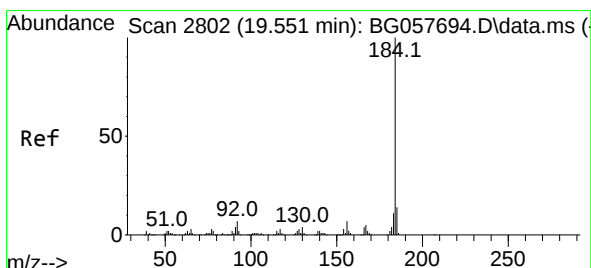
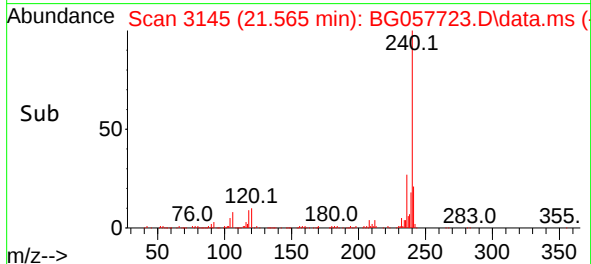
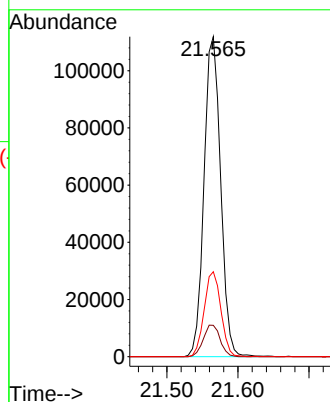
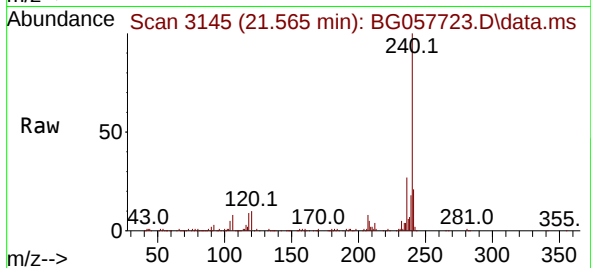




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

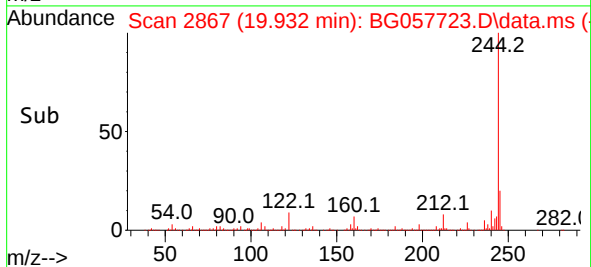
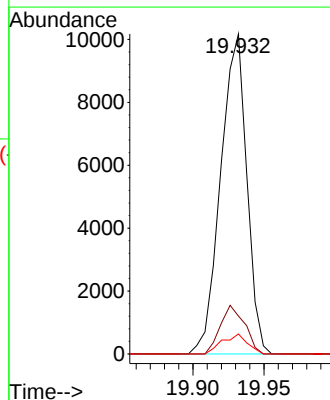
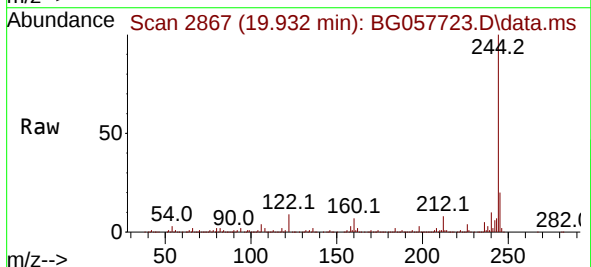
Instrument :
BNA_G
ClientSampleId :
PNNL-B-0609-1

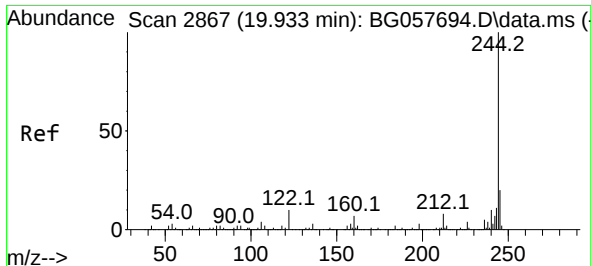
Tgt Ion:240 Resp: 181749
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.6 20.7 31.1



#77
Benzidine
Concen: 2.996 ng
RT: 19.932 min Scan# 2867
Delta R.T. 0.381 min
Lab File: BG057723.D
Acq: 15 Jun 2023 13:57

Tgt Ion:184 Resp: 12982
Ion Ratio Lower Upper
184 100
185 11.8 11.1 16.7
183 6.3 8.4 12.6#

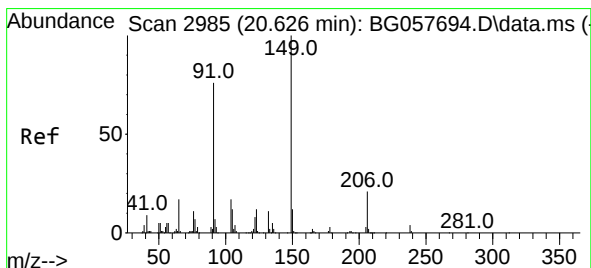
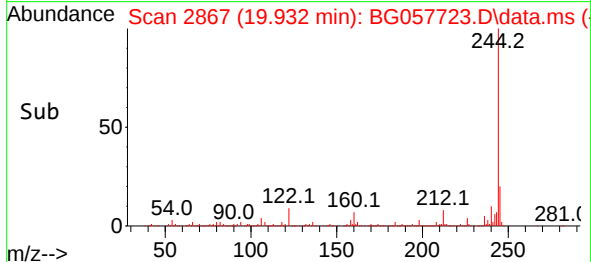
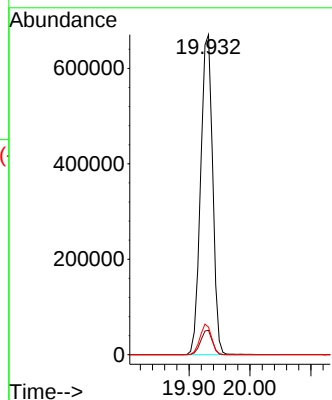
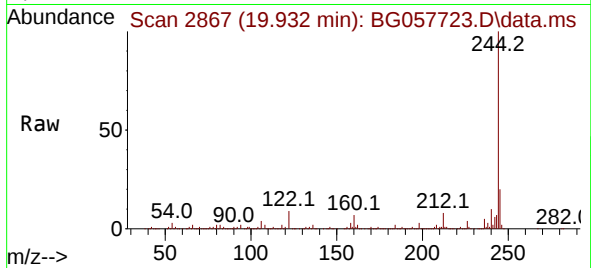




#79
 Terphenyl-d14
 Concen: 93.223 ng
 RT: 19.932 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057723.D
 Acq: 15 Jun 2023 13:57

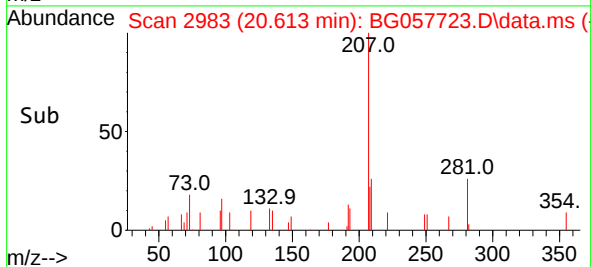
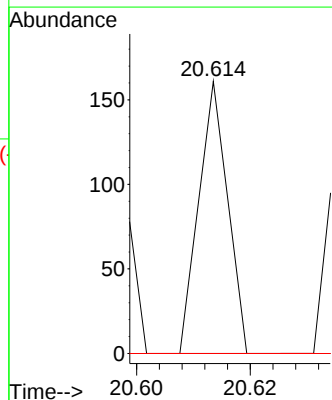
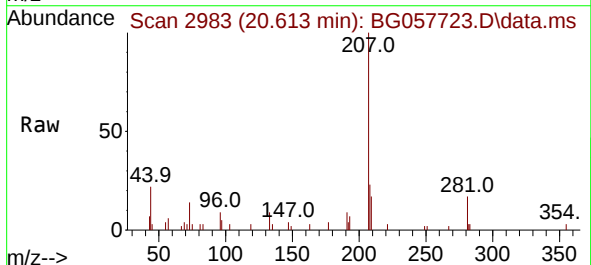
Instrument :
 BNA_G
 ClientSampleId :
 PNNL-B-0609-1

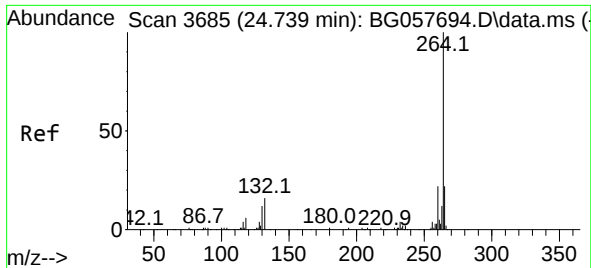
Tgt Ion:244 Resp: 916411
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 8.6 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 4.118 ng
 RT: 20.613 min Scan# 2983
 Delta R.T. -0.013 min
 Lab File: BG057723.D
 Acq: 15 Jun 2023 13:57

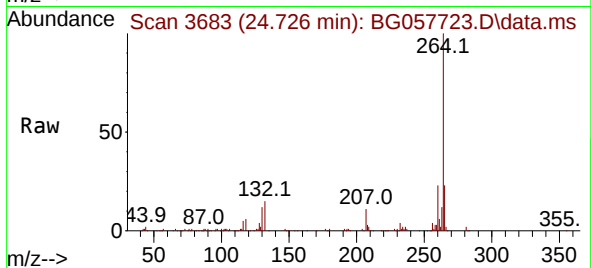
Tgt Ion:149 Resp: 57
 Ion Ratio Lower Upper
 149 100
 91 0.0 60.8 91.2#
 206 0.0 16.8 25.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.726 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG057723.D
 Acq: 15 Jun 2023 13:57

Instrument :
 BNA_G
 ClientSampleId :
 PNNL-B-0609-1



Tgt Ion:264 Resp: 216775
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.3 25.9
 265 22.6 17.5 26.3

