

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057725.D
 Acq On : 15 Jun 2023 15:21
 Operator : CG/JU
 Sample : 03166-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-6-12-23

Quant Time: Jun 15 16:04:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

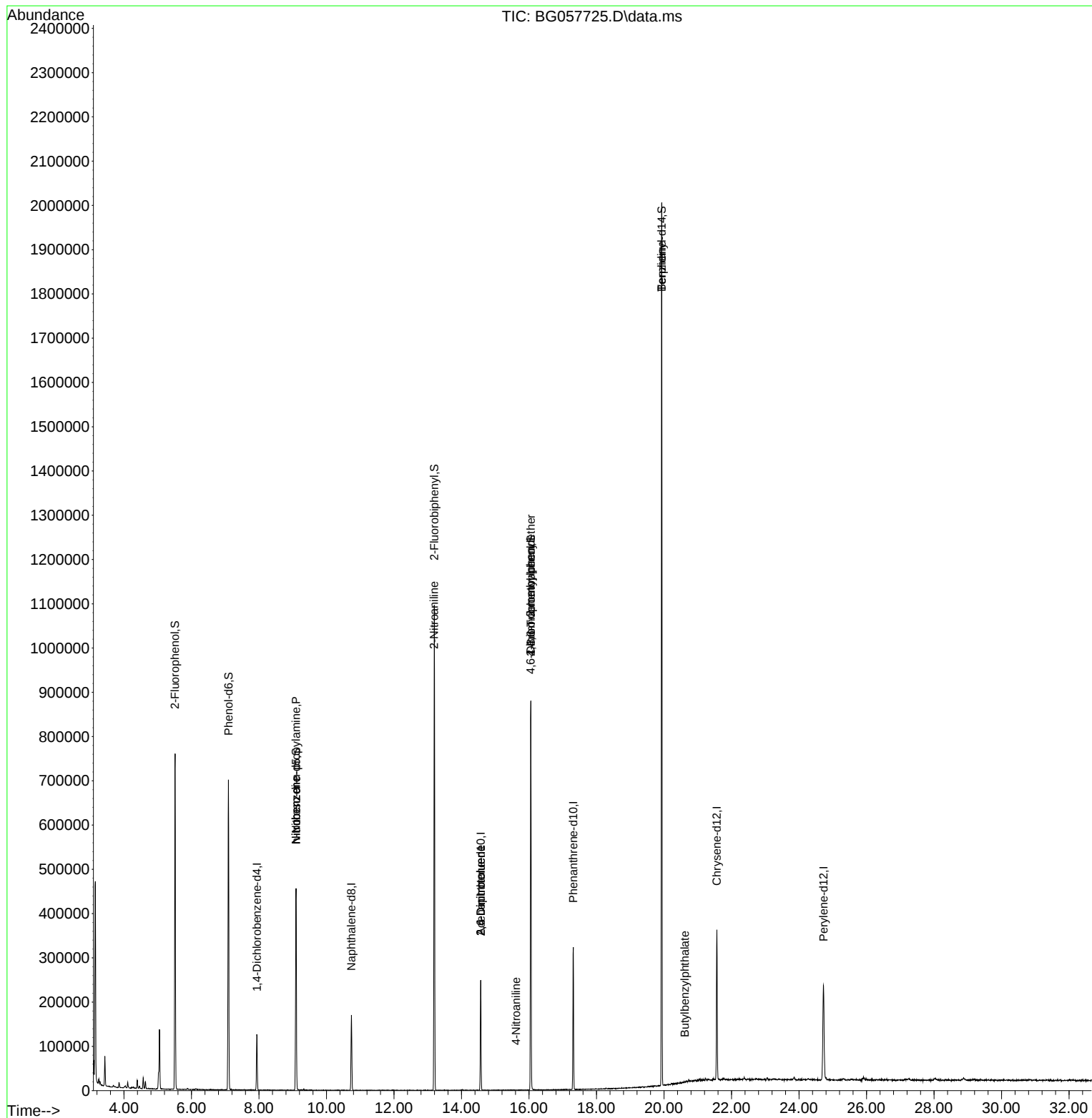
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	34015	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	137407	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	84787	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	203332	20.000	ng	0.00
76) Chrysene-d12	21.566	240	193319	20.000	ng	0.00
86) Perylene-d12	24.727	264	227447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	313171	149.914	ng	0.00
7) Phenol-d6	7.095	99	396408	123.522	ng	0.00
23) Nitrobenzene-d5	9.098	82	263442	113.213	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	170854	180.620	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	570561	100.308	ng	0.00
79) Terphenyl-d14	19.933	244	1023564	97.891	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	33057	14.246	ng	# 79
24) Nitrobenzene	9.098	77	631	5.305	ng	# 40
48) 2-Nitroaniline	13.188	65	1054	5.220	ng	# 20
51) 2,6-Dinitrotoluene	14.568	165	11423	18.142	ng	# 12
57) 2,4-Dinitrotoluene	14.568	165	11423	15.045	ng	# 15
62) 4-Nitroaniline	15.620	138	55	4.580	ng	# 9
65) 4,6-Dinitro-2-methylph...	16.049	198	354	2.714	ng	# 1
67) 4-Bromophenyl-phenylether	16.055	248	11080	5.352	ng	# 1
77) Benzidine	19.933	184	14592	3.166	ng	# 92
80) Butylbenzylphthalate	20.620	149	235	4.149	ng	# 88

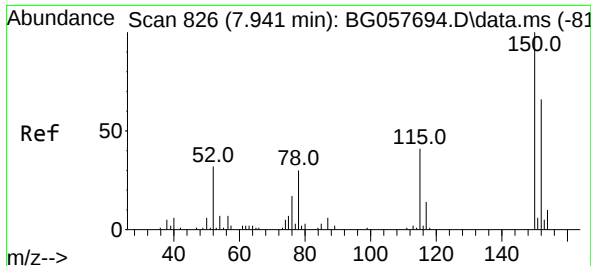
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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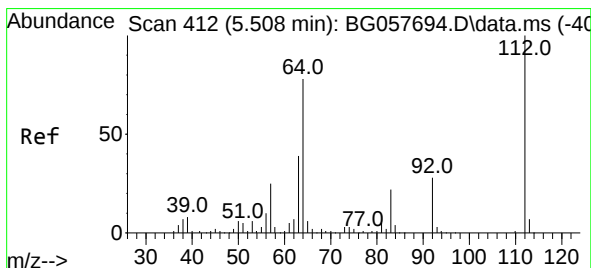
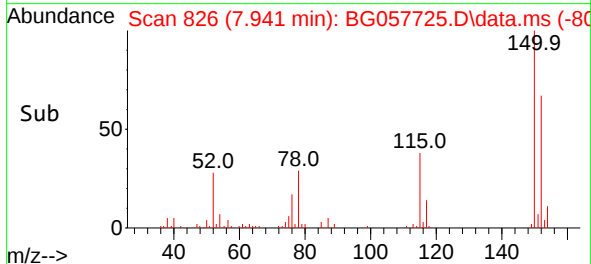
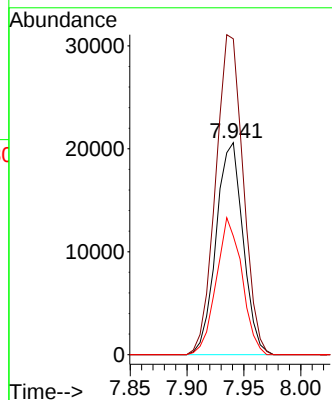
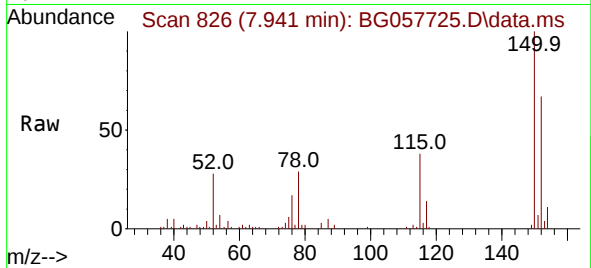




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

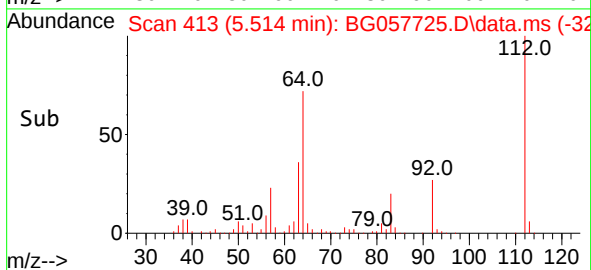
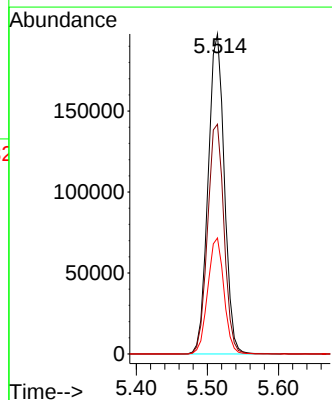
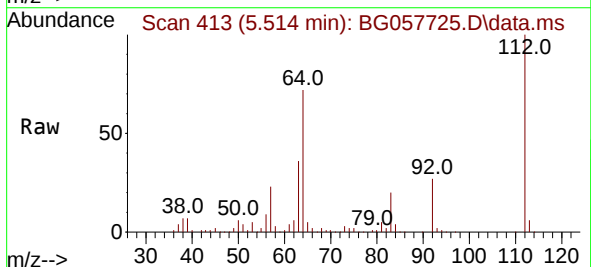
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

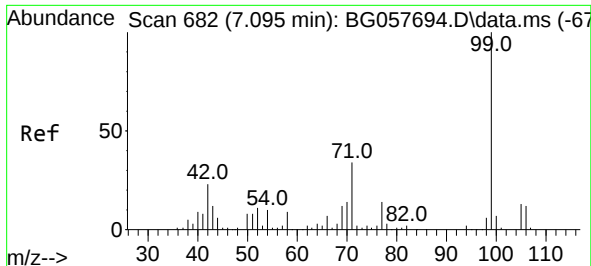
Tgt Ion:152 Resp: 34015
Ion Ratio Lower Upper
152 100
150 149.0 120.8 181.2
115 55.9 49.4 74.2



#5
2-Fluorophenol
Concen: 149.914 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.006 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

Tgt Ion:112 Resp: 313171
Ion Ratio Lower Upper
112 100
64 71.8 62.3 93.5
63 36.3 31.5 47.3

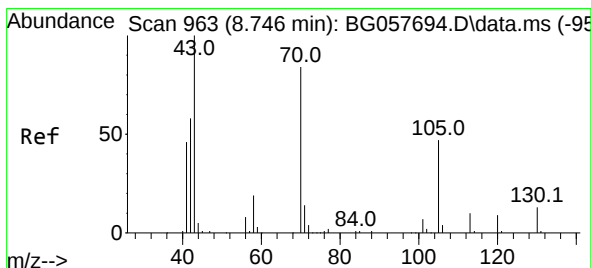
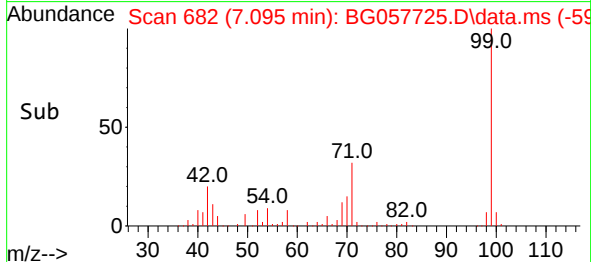
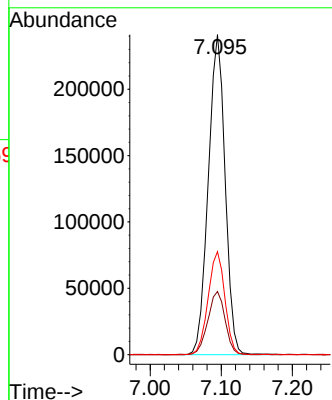
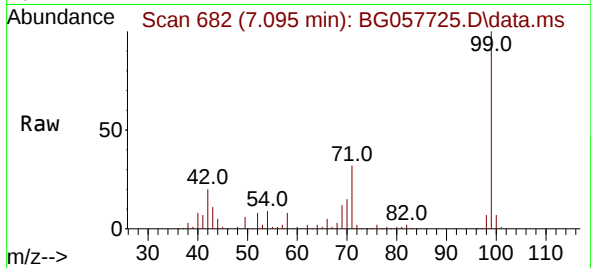




#7
Phenol-d6
Concen: 123.522 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

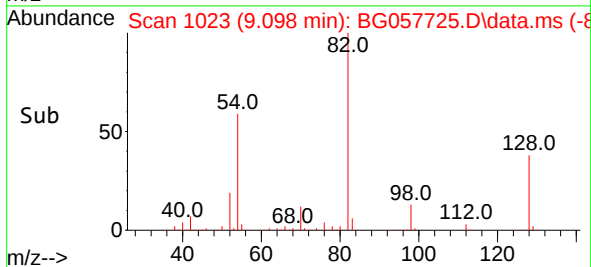
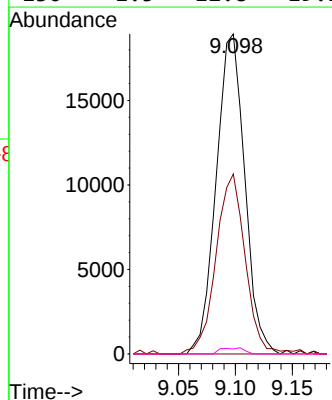
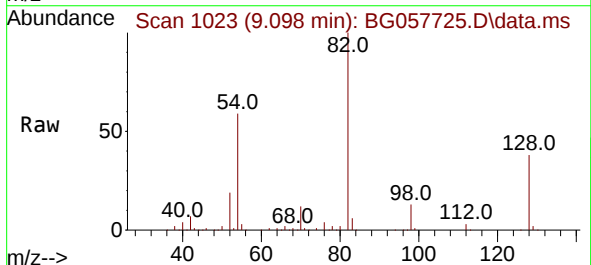
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

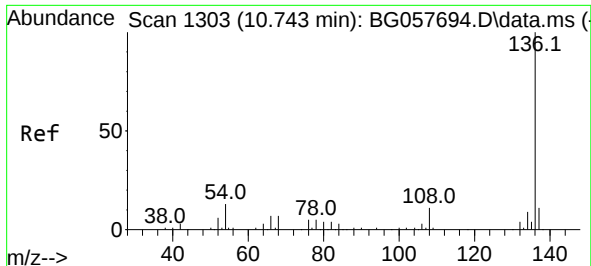
Tgt Ion: 99 Resp: 396408
Ion Ratio Lower Upper
99 100
42 19.7 18.3 27.5
71 32.2 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.246 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.352 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

Tgt Ion: 70 Resp: 33057
Ion Ratio Lower Upper
70 100
42 56.3 56.6 84.8#
101 0.0 6.2 9.4#
130 1.5 12.8 19.2#

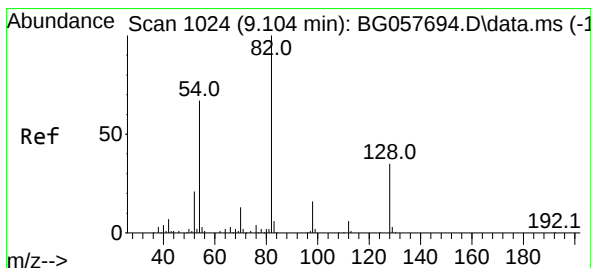
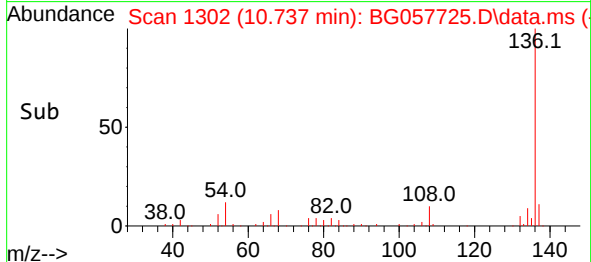
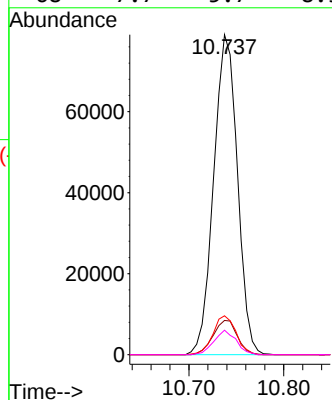
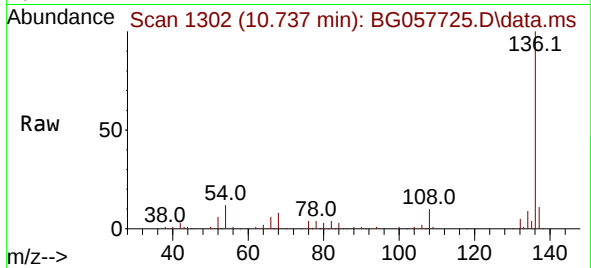




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

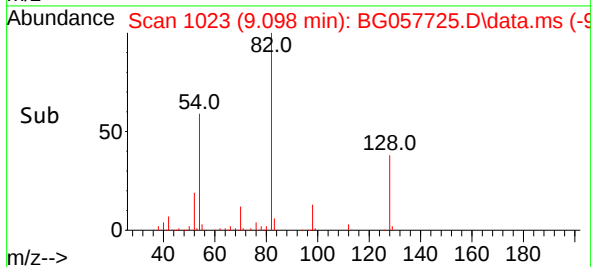
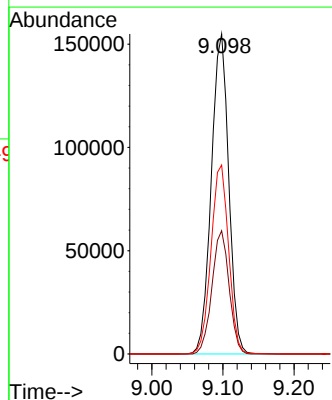
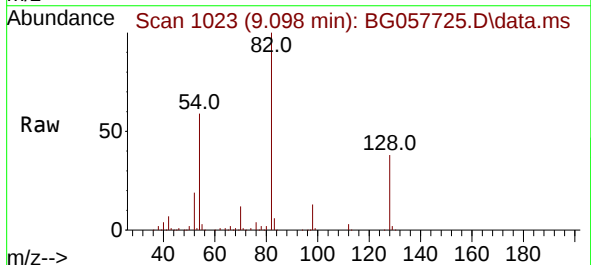
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

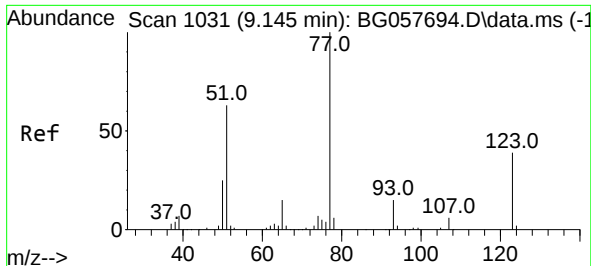
Tgt Ion:	136	Resp:	137407
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	12.1	10.8	16.2
68	7.7	5.7	8.5



#23
Nitrobenzene-d5
Concen: 113.213 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

Tgt Ion:	82	Resp:	263442
Ion Ratio	Lower	Upper	
82	100		
128	38.5	27.7	41.5
54	59.0	53.8	80.8

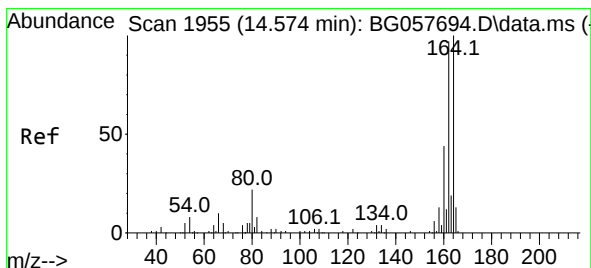
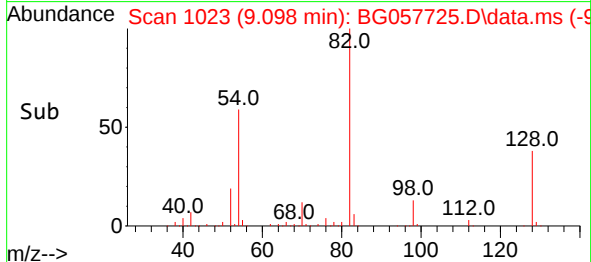
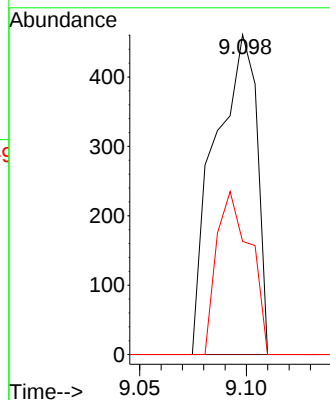
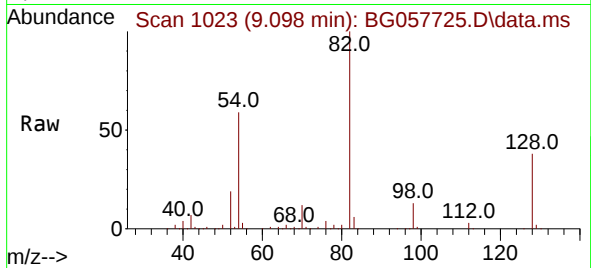




#24
Nitrobenzene
Concen: 5.305 ng
RT: 9.098 min Scan# 1031
Delta R.T. -0.047 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

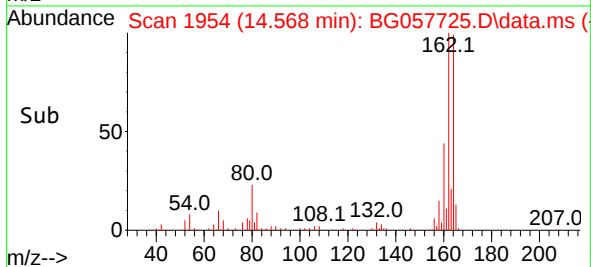
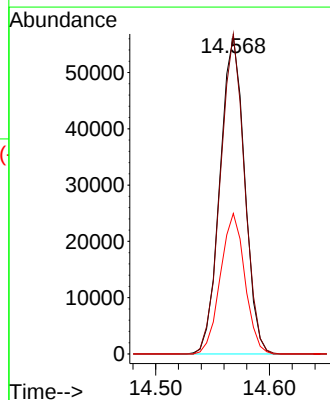
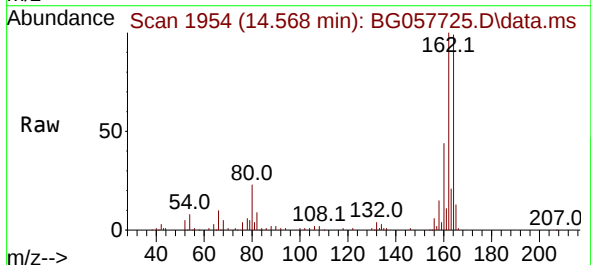
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

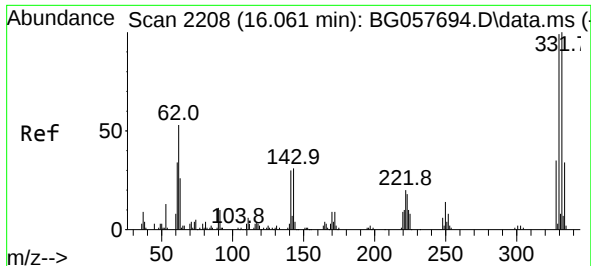
Tgt Ion: 77 Resp: 631
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 35.4 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

Tgt Ion: 164 Resp: 84787
Ion Ratio Lower Upper
164 100
162 100.7 77.7 116.5
160 44.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 180.620 ng

RT: 16.055 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057725.D

Acq: 15 Jun 2023 15:21

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-6-12-23

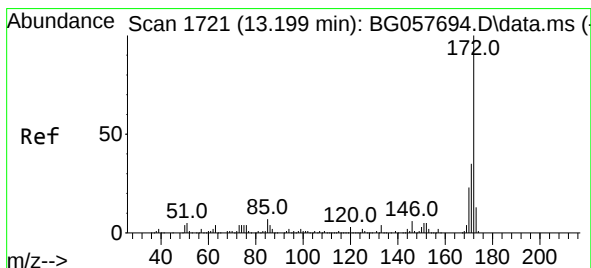
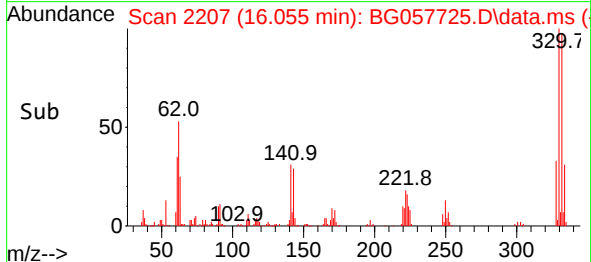
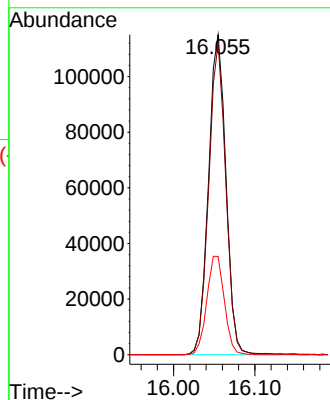
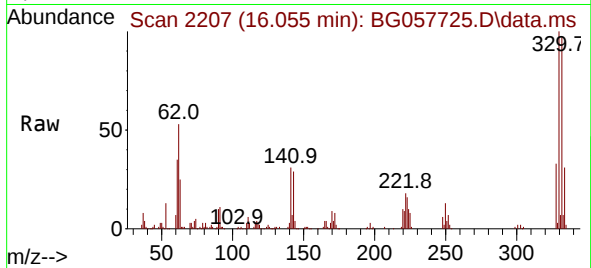
Tgt Ion:330 Resp: 170854

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.6

141 31.0 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 100.308 ng

RT: 13.193 min Scan# 1720

Delta R.T. -0.006 min

Lab File: BG057725.D

Acq: 15 Jun 2023 15:21

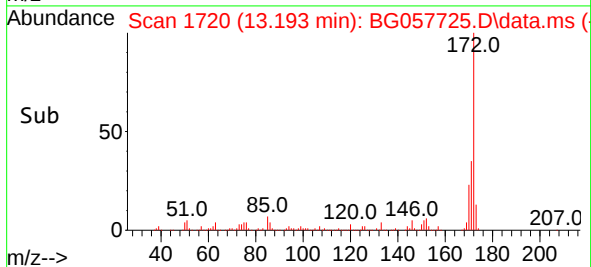
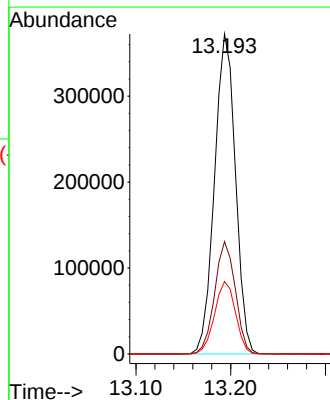
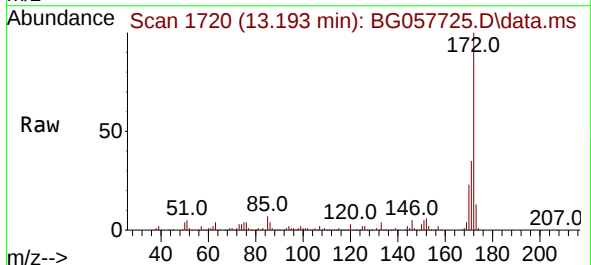
Tgt Ion:172 Resp: 570561

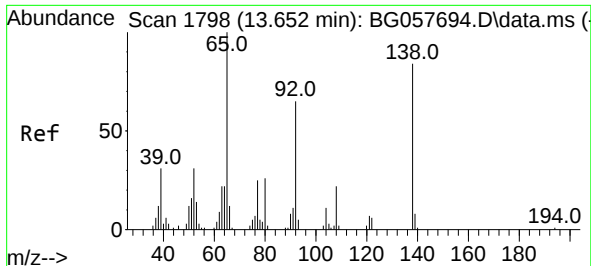
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 22.7 18.2 27.4

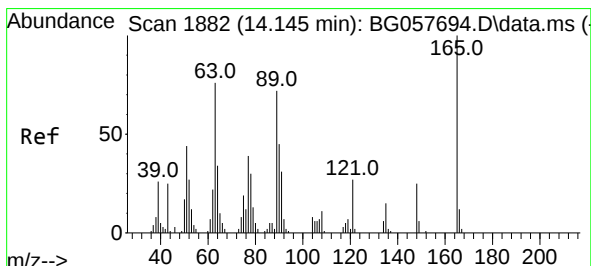
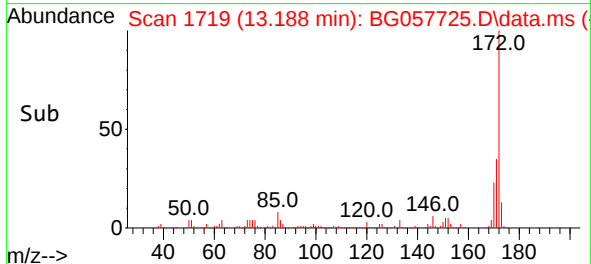
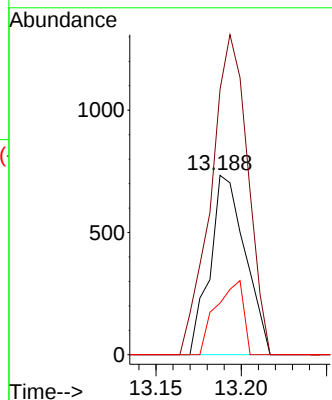
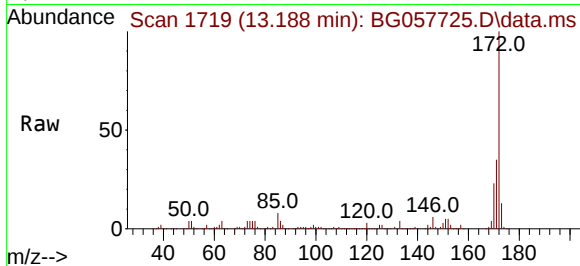




#48
2-Nitroaniline
Concen: 5.220 ng
RT: 13.188 min Scan# 11
Delta R.T. -0.464 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

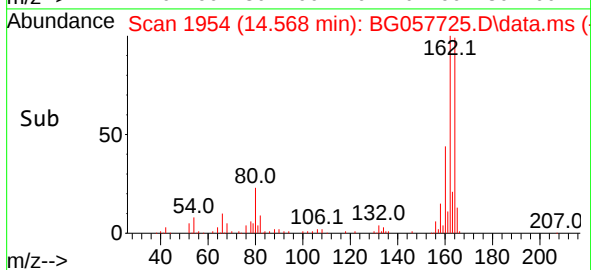
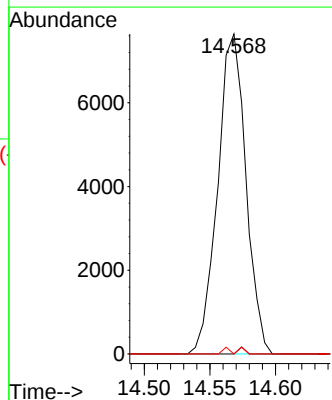
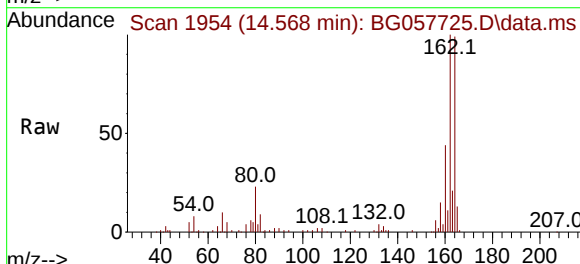
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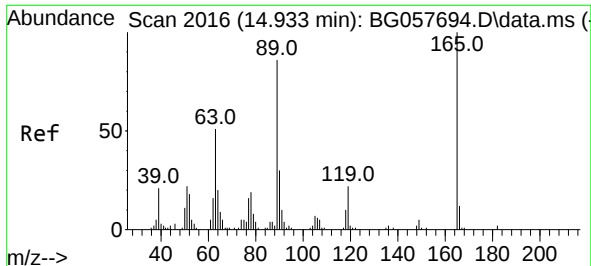
Tgt Ion: 65 Resp: 1054
Ion Ratio Lower Upper
65 100
92 147.8 52.2 78.4#
138 28.7 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 18.142 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.423 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

Tgt Ion:165 Resp: 11423
Ion Ratio Lower Upper
165 100
63 0.0 62.3 93.5#
89 0.0 57.4 86.0#

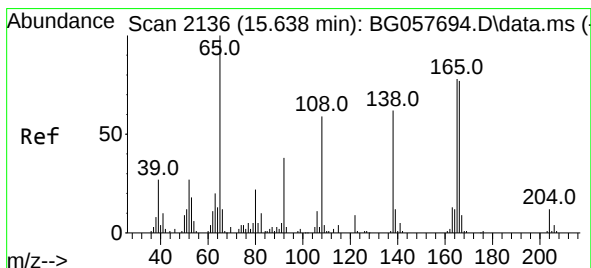
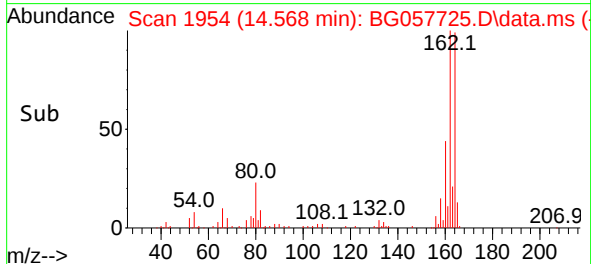
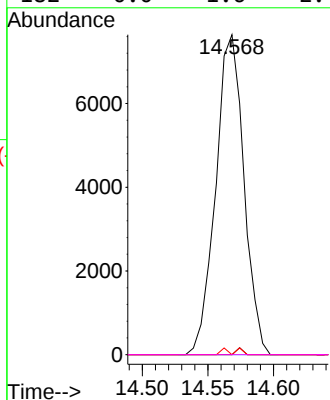
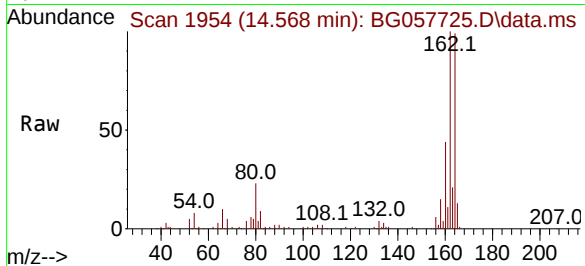




#57
2,4-Dinitrotoluene
Concen: 15.045 ng
RT: 14.568 min Scan# 14
Delta R.T. -0.365 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

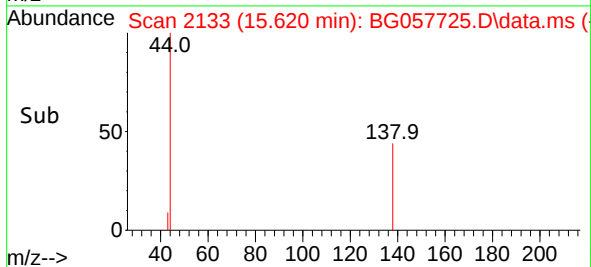
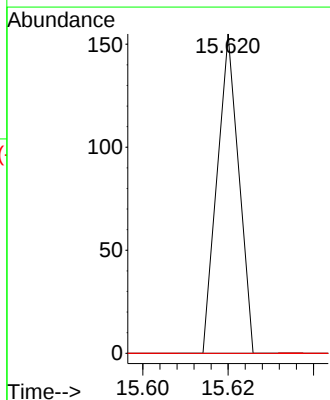
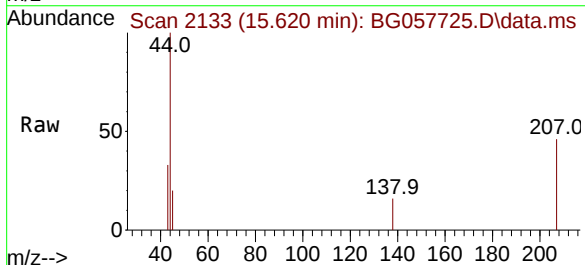
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

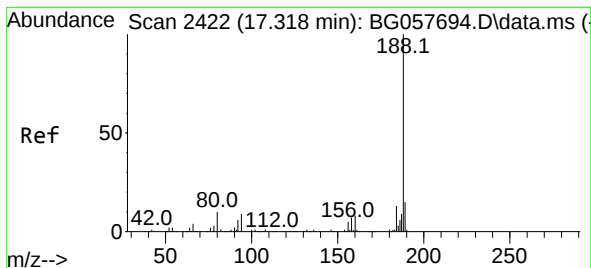
Tgt Ion:165 Resp: 11423
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#



#62
4-Nitroaniline
Concen: 4.580 ng
RT: 15.620 min Scan# 2133
Delta R.T. -0.018 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 0.0 41.6 81.6#
108 0.0 74.8 114.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG057725.D

Acq: 15 Jun 2023 15:21

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-6-12-23

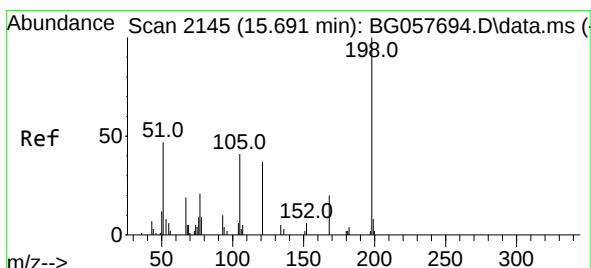
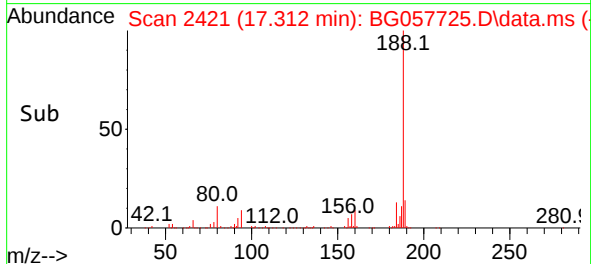
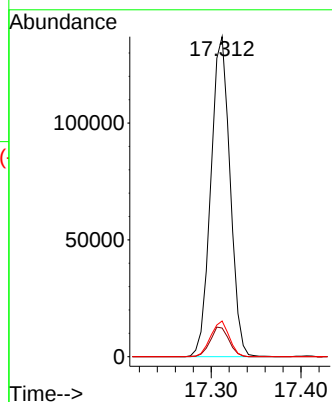
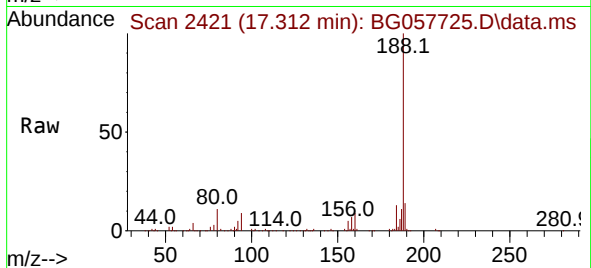
Tgt Ion:188 Resp: 203332

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

80 11.2 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.714 ng

RT: 16.049 min Scan# 2206

Delta R.T. 0.358 min

Lab File: BG057725.D

Acq: 15 Jun 2023 15:21

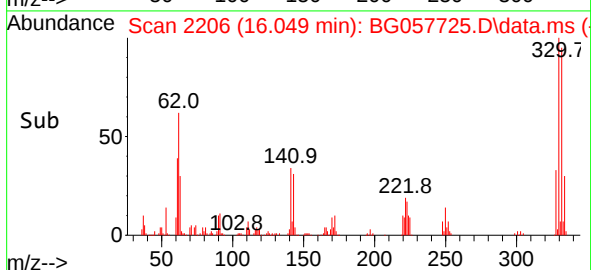
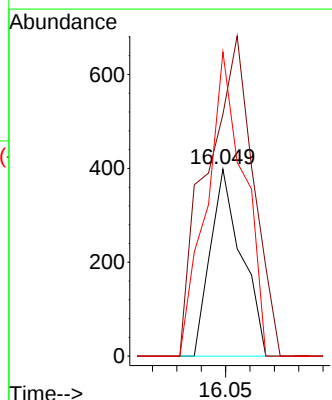
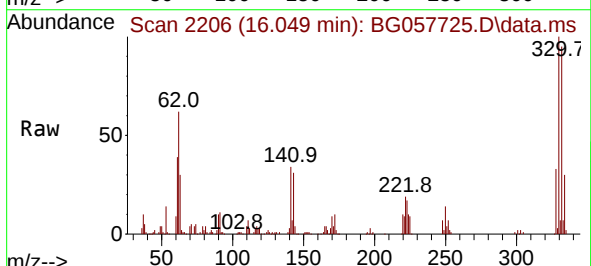
Tgt Ion:198 Resp: 354

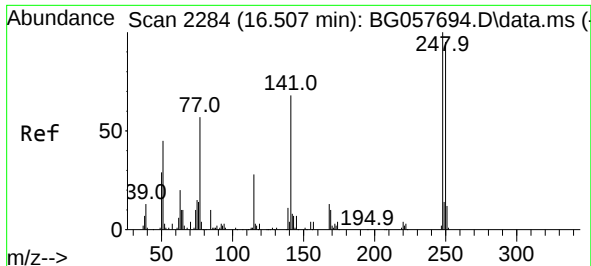
Ion Ratio Lower Upper

198 100

51 129.4 42.0 82.0#

105 162.8 30.9 70.9#

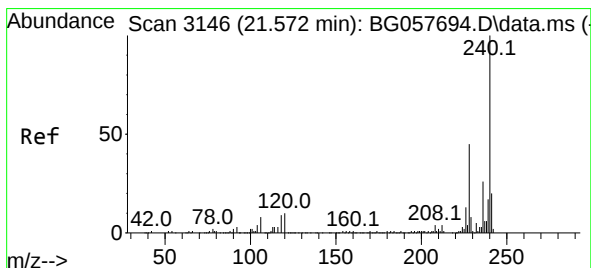
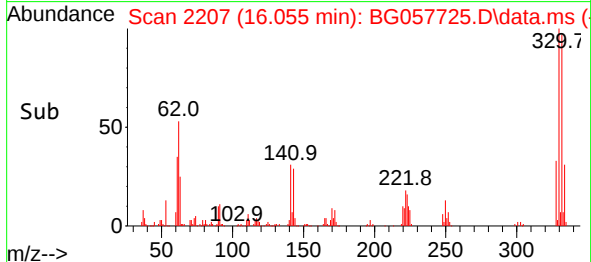
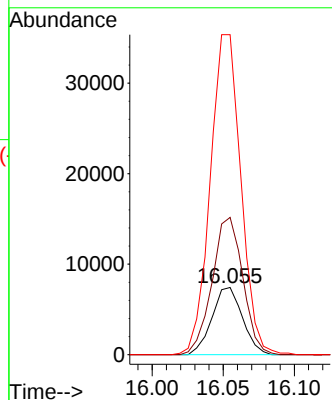
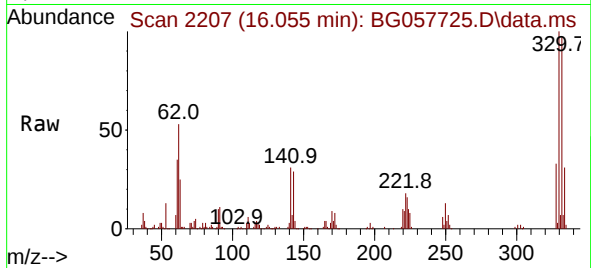




#67
4-Bromophenyl-phenylether
Concen: 5.352 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

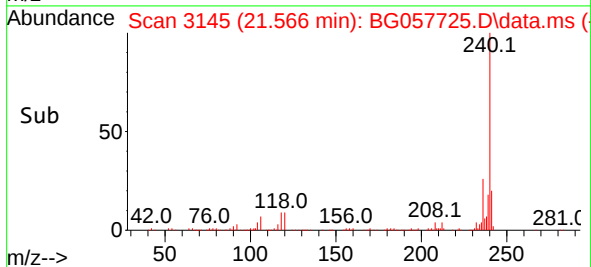
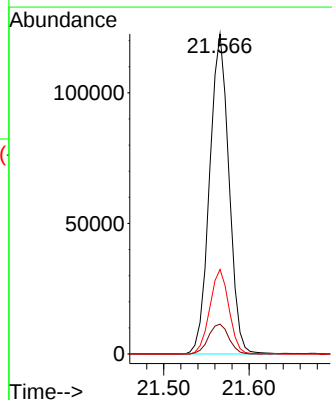
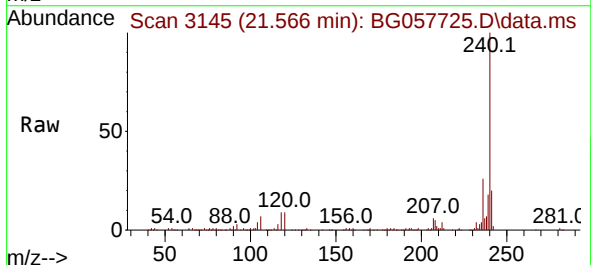
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

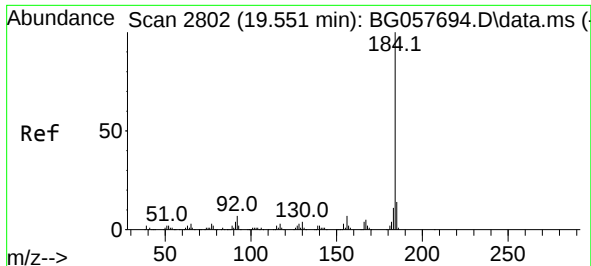
Tgt Ion:248 Resp: 11080
Ion Ratio Lower Upper
248 100
250 204.5 76.3 114.5#
141 476.6 54.6 82.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

Tgt Ion:240 Resp: 193319
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 26.4 20.7 31.1

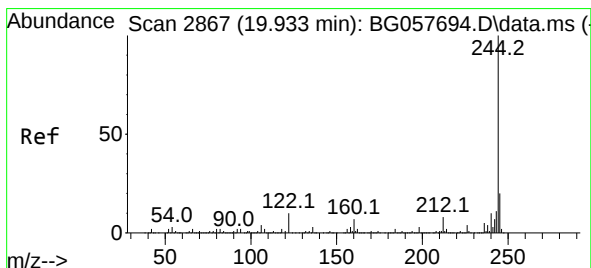
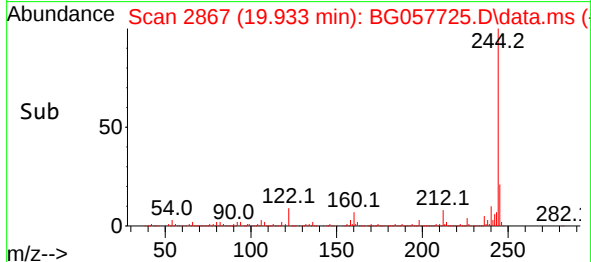
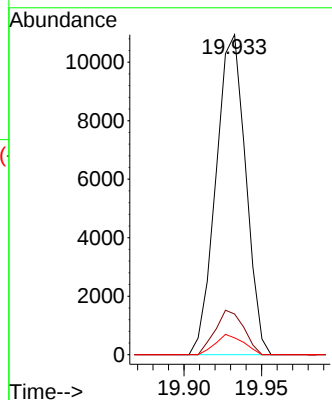
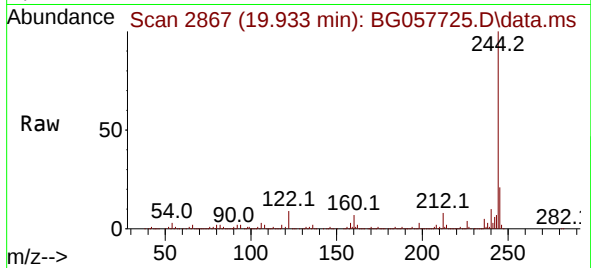




#77
Benzidine
Concen: 3.166 ng
RT: 19.933 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

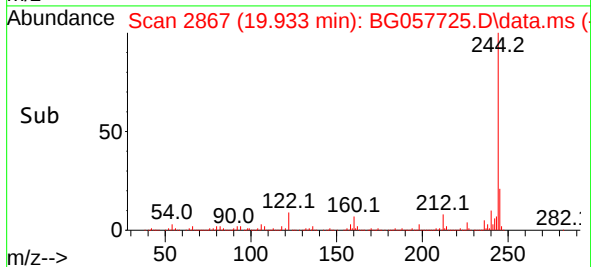
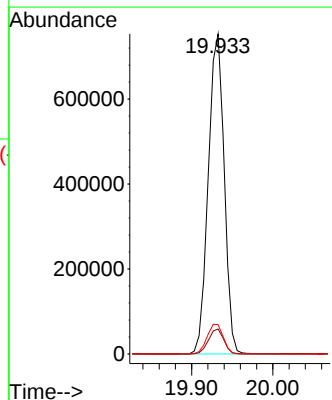
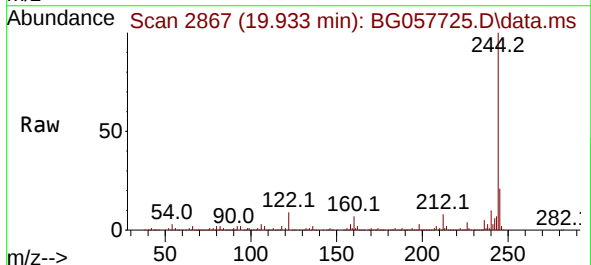
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

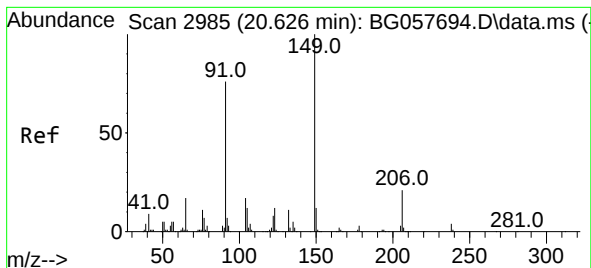
Tgt Ion:184 Resp: 14592
Ion Ratio Lower Upper
184 100
185 12.7 11.1 16.7
183 5.2 8.4 12.6#



#79
Terphenyl-d14
Concen: 97.891 ng
RT: 19.933 min Scan# 2867
Delta R.T. -0.000 min
Lab File: BG057725.D
Acq: 15 Jun 2023 15:21

Tgt Ion:244 Resp: 1023564
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 9.1 7.7 11.5





#80

Butylbenzylphthalate

Concen: 4.149 ng

RT: 20.620 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BG057725.D

Acq: 15 Jun 2023 15:21

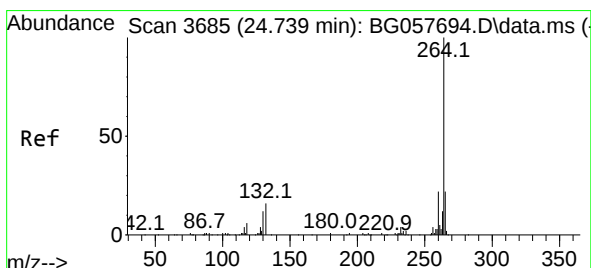
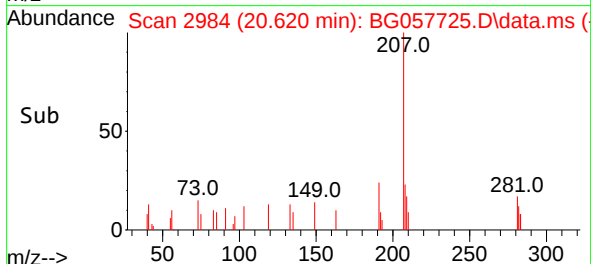
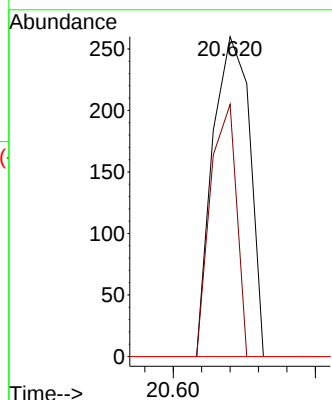
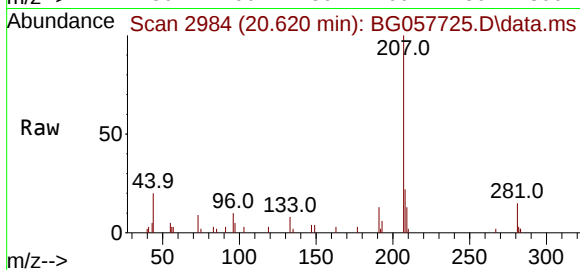
Instrument :

BNA_G

ClientSampleId :

TEST-PIT-6-12-23

Tgt Ion:	149	Resp:	235
Ion	Ratio	Lower	Upper
149	100		
91	78.8	60.8	91.2
206	0.0	16.8	25.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.727 min Scan# 3683

Delta R.T. -0.012 min

Lab File: BG057725.D

Acq: 15 Jun 2023 15:21

Tgt Ion:	264	Resp:	227447
Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.3	25.9
265	20.2	17.5	26.3

