

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057732.D
 Acq On : 15 Jun 2023 20:16
 Operator : CG/JU
 Sample : 03222-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-SB-33

Quant Time: Jun 16 01:10:34 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)

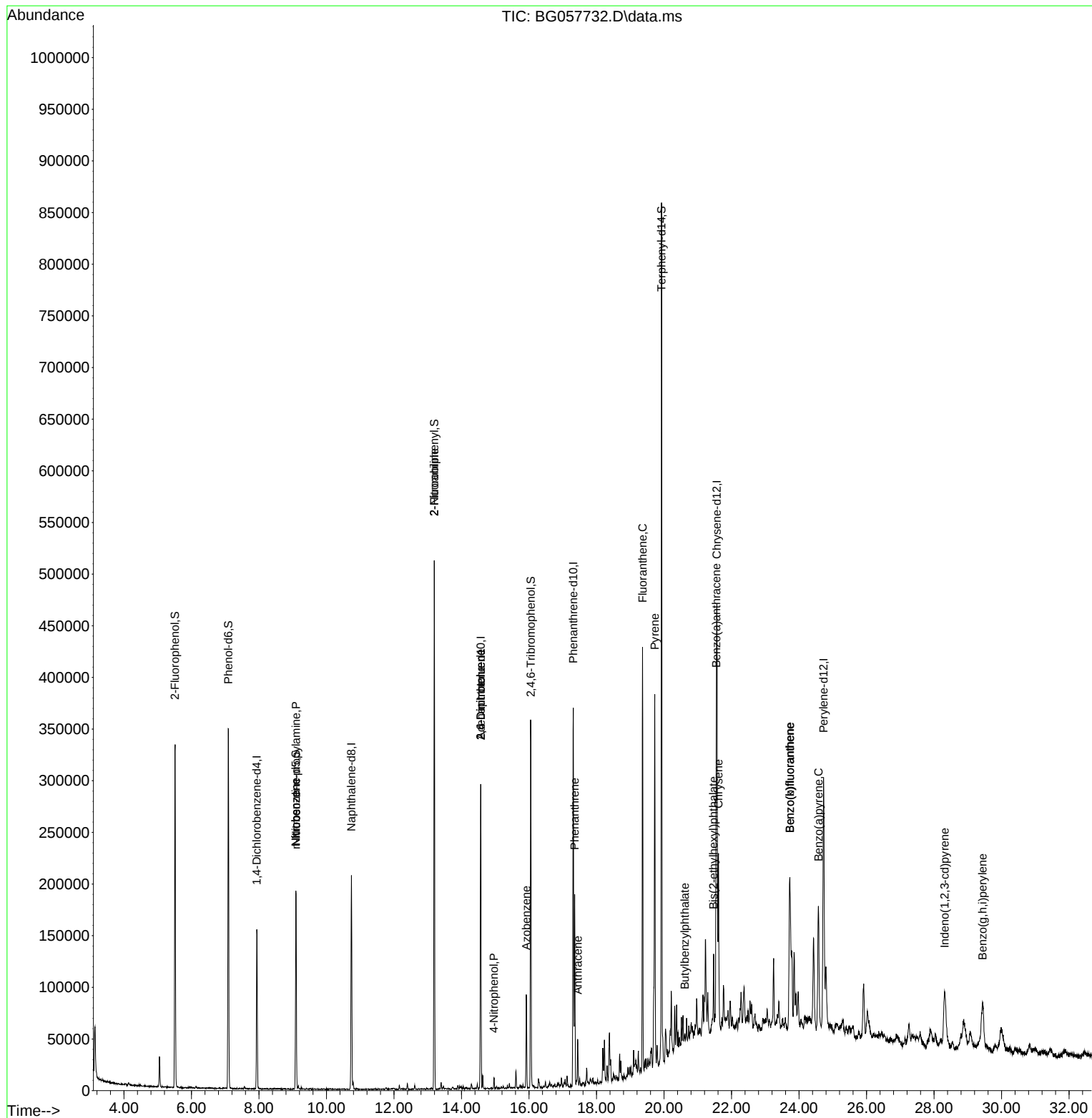
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	42648	20.000	ng	0.00
21) Naphthalene-d8	10.736	136	171845	20.000	ng	0.00
39) Acenaphthene-d10	14.567	164	105402	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	232276	20.000	ng	0.00
76) Chrysene-d12	21.565	240	203698	20.000	ng	0.00
86) Perylene-d12	24.726	264	249721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	148876	56.841	ng	0.00
7) Phenol-d6	7.088	99	206160	51.236	ng	0.00
23) Nitrobenzene-d5	9.091	82	112216	48.134	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	69213	58.858	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	266251	37.653	ng	0.00
79) Terphenyl-d14	19.926	244	407642	37.000	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.097	70	14174	4.872	ng	# 77
24) Nitrobenzene	9.091	77	225	5.142	ng	# 44
48) 2-Nitroaniline	13.192	65	442	4.450	ng	# 1
51) 2,6-Dinitrotoluene	14.567	165	14003	17.965	ng	# 13
56) 4-Nitrophenol	14.961	139	2178	6.444	ng	# 1
57) 2,4-Dinitrotoluene	14.567	165	14003	14.904	ng	# 16
63) Azobenzene	15.919	77	25847	3.013	ng	# 1
71) Phenanthrene	17.352	178	112836	9.955	ng	99
72) Anthracene	17.440	178	28341	2.468	ng	98
75) Fluoranthene	19.362	202	243420	17.827	ng	100
78) Pyrene	19.726	202	223444	15.417	ng	100
80) Butylbenzylphthalate	20.619	149	1787	4.416	ng	91
81) Benzo(a)anthracene	21.547	228	132078	9.389	ng	98
83) Chrysene	21.612	228	124111	9.270	ng	96
84) Bis(2-ethylhexyl)phtha...	21.465	149	27834	3.898	ng	98
87) Indeno(1,2,3-cd)pyrene	28.316	276	94837	5.869	ng	# 94
88) Benzo(b)fluoranthene	23.727	252	185256	13.675	ng	# 95
89) Benzo(k)fluoranthene	23.727	252	185256	13.185	ng	# 94
90) Benzo(a)pyrene	24.573	252	132151	9.921	ng	97
92) Benzo(g,h,i)perylene	29.438	276	95026	7.130	ng	97

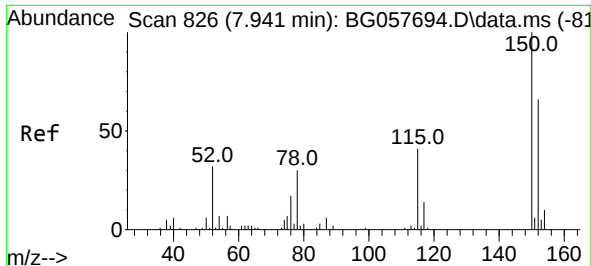
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 15 15:28:07 2023
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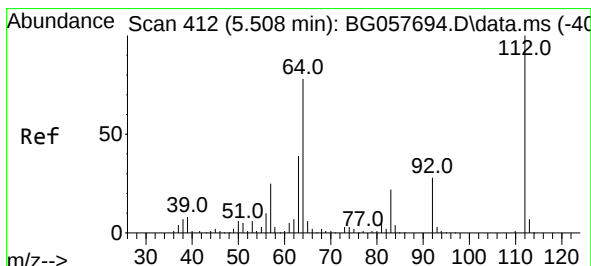
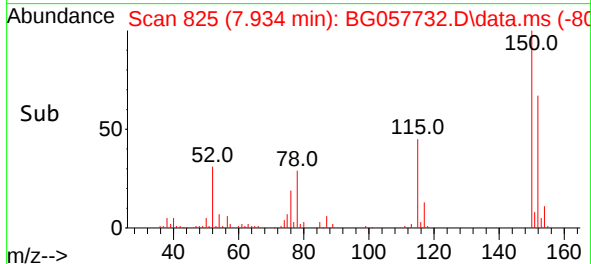
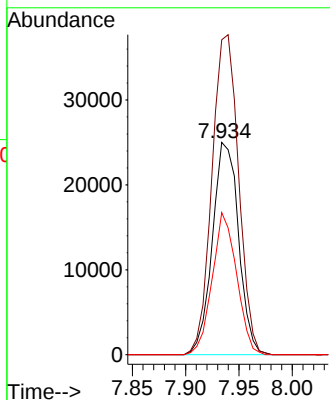
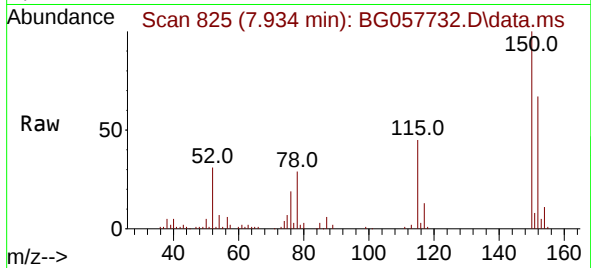




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

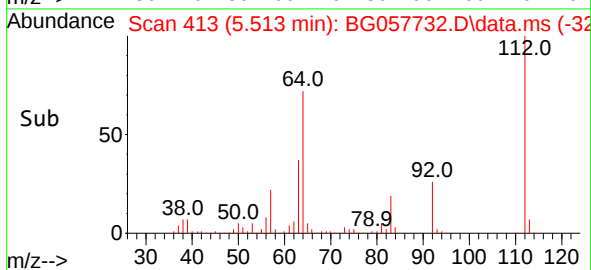
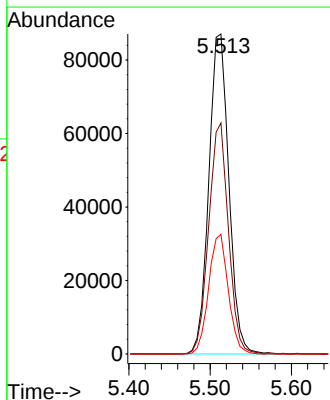
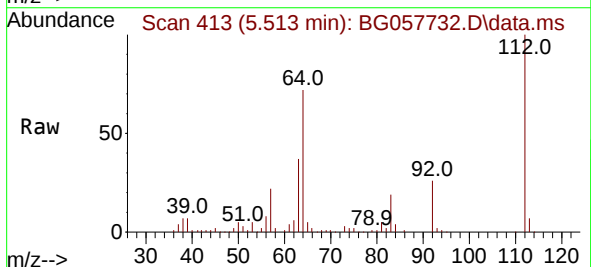
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

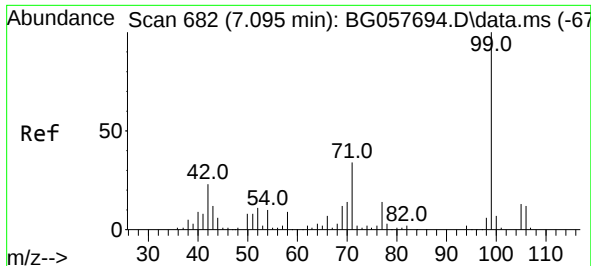
Tgt Ion:152 Resp: 42648
Ion Ratio Lower Upper
152 100
150 148.3 120.8 181.2
115 66.9 49.4 74.2



#5
2-Fluorophenol
Concen: 56.841 ng
RT: 5.513 min Scan# 413
Delta R.T. 0.003 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion:112 Resp: 148876
Ion Ratio Lower Upper
112 100
64 72.2 62.3 93.5
63 37.4 31.5 47.3

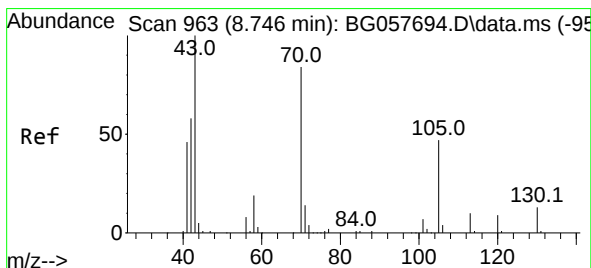
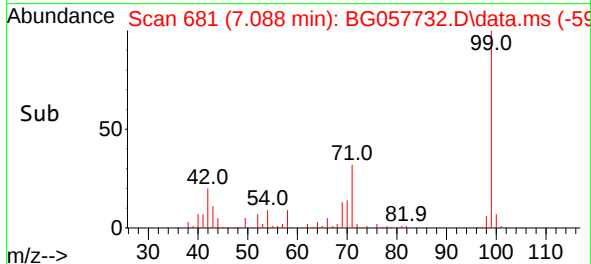
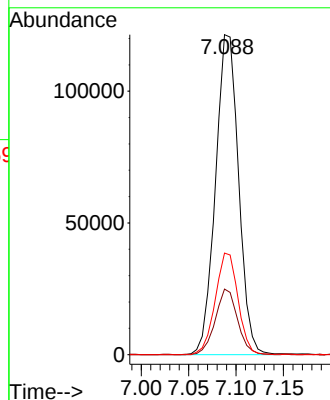
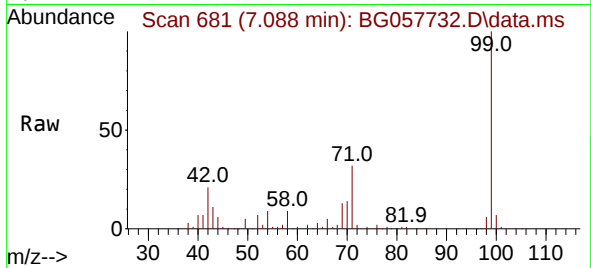




#7
Phenol-d6
Concen: 51.236 ng
RT: 7.088 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

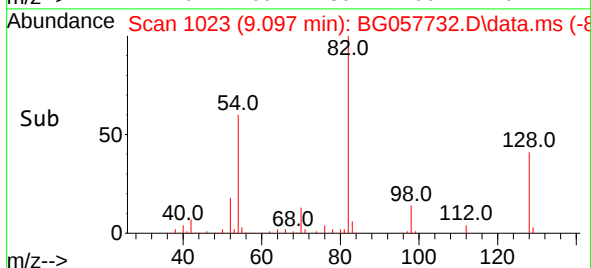
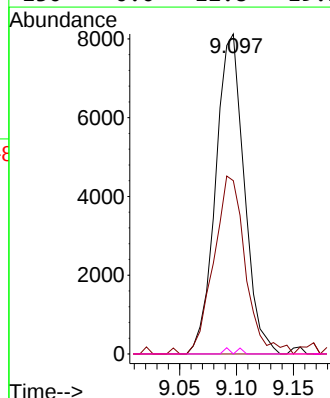
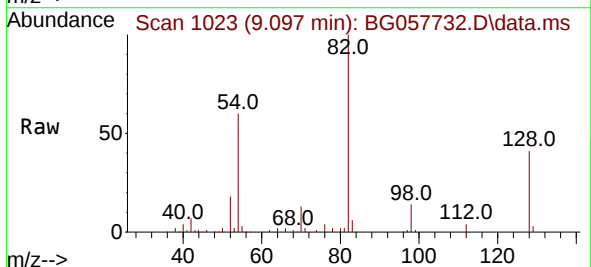
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

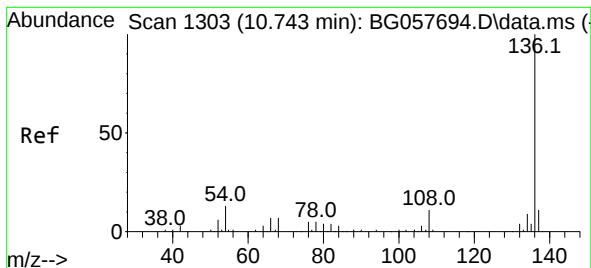
Tgt Ion: 99 Resp: 206160
Ion Ratio Lower Upper
99 100
42 20.5 18.3 27.5
71 31.8 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 4.872 ng
RT: 9.097 min Scan# 1023
Delta R.T. 0.350 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion: 70 Resp: 14174
Ion Ratio Lower Upper
70 100
42 54.1 56.6 84.8#
101 0.0 6.2 9.4#
130 0.0 12.8 19.2#

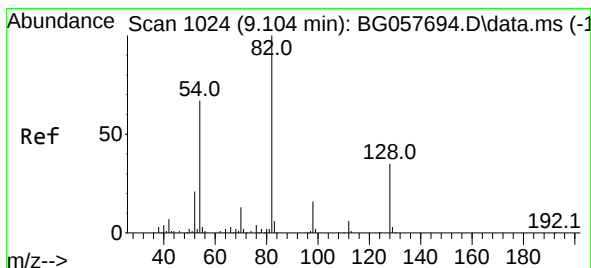
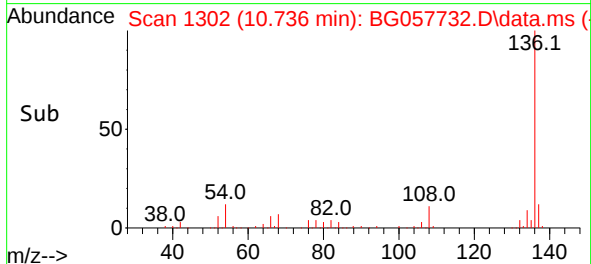
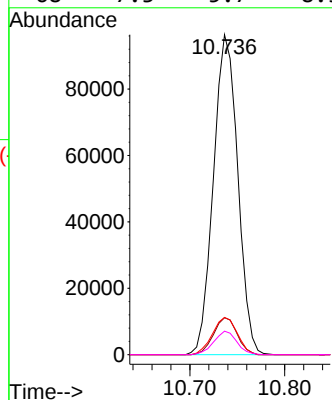
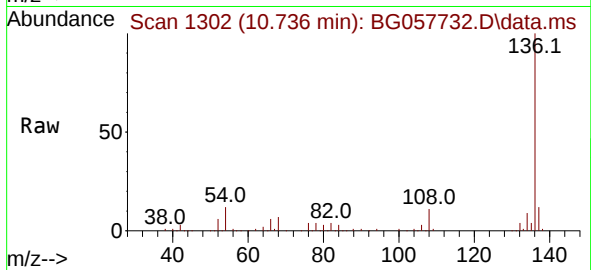




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

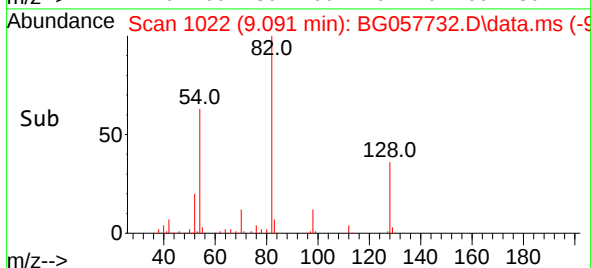
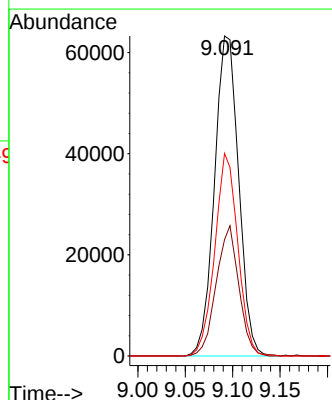
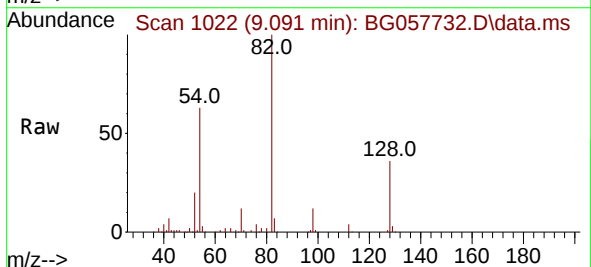
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

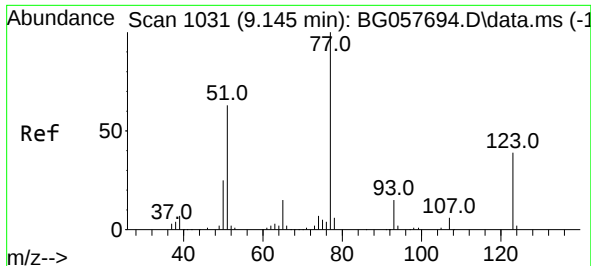
Tgt Ion:136 Resp: 171845
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 11.6 10.8 16.2
68 7.3 5.7 8.5



#23
Nitrobenzene-d5
Concen: 48.134 ng
RT: 9.091 min Scan# 1022
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion: 82 Resp: 112216
Ion Ratio Lower Upper
82 100
128 36.4 27.7 41.5
54 63.3 53.8 80.8





#24

Nitrobenzene

Concen: 5.142 ng

RT: 9.091 min Scan# 1031

Delta R.T. -0.055 min

Lab File: BG057732.D

Acq: 15 Jun 2023 20:16

Instrument :

BNA_G

ClientSampleId :

COMP-SB-33

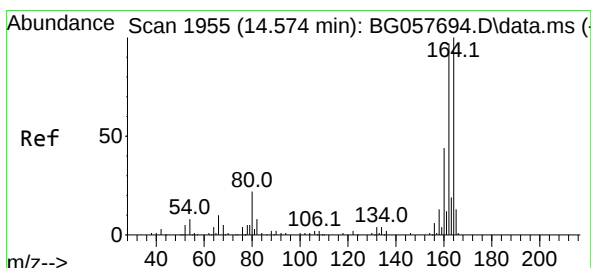
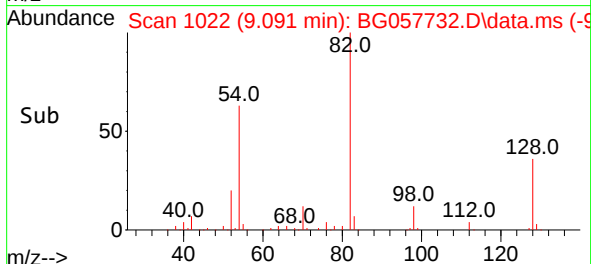
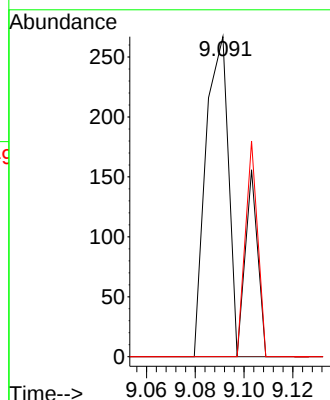
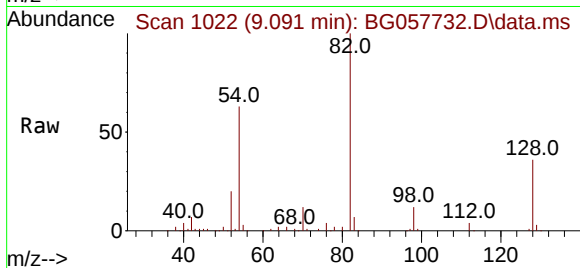
Tgt Ion: 77 Resp: 225

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: 14.567 min Scan# 1954

Delta R.T. -0.008 min

Lab File: BG057732.D

Acq: 15 Jun 2023 20:16

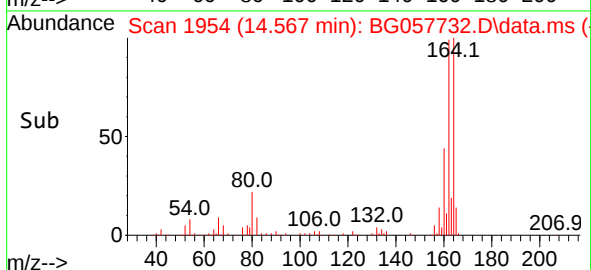
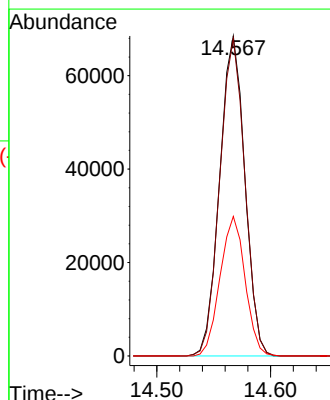
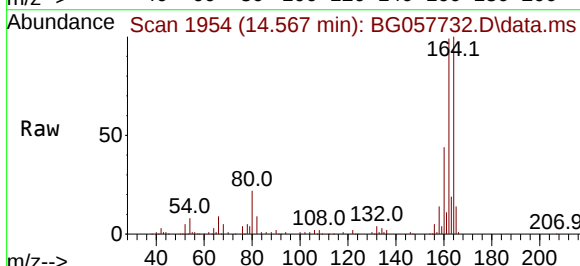
Tgt Ion:164 Resp: 105402

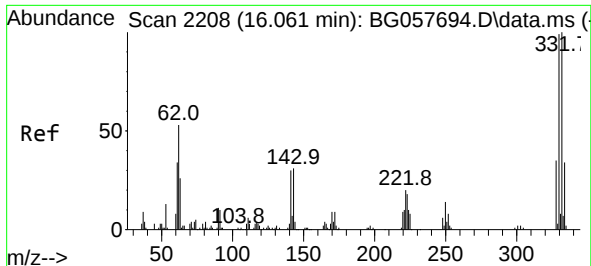
Ion Ratio Lower Upper

164 100

162 99.3 77.7 116.5

160 43.6 35.1 52.7

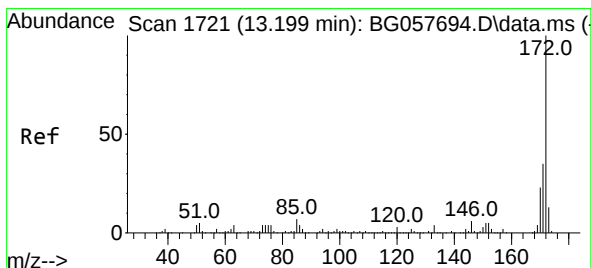
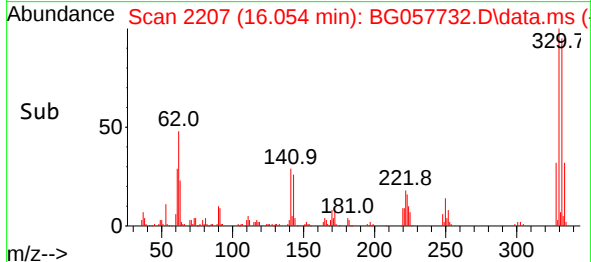
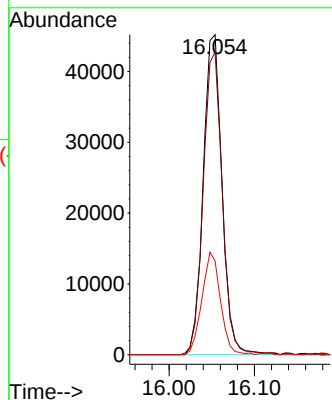
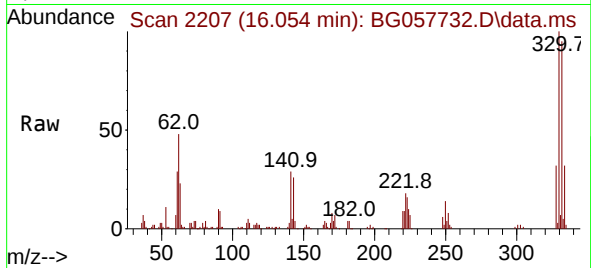




#42
2,4,6-Tribromophenol
Concen: 58.858 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

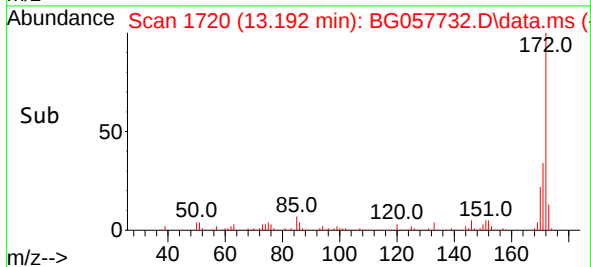
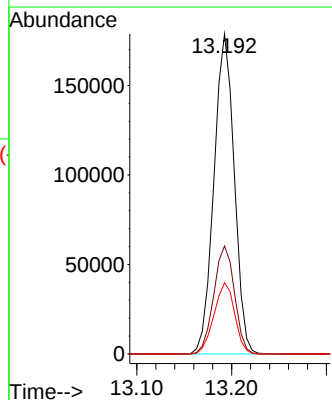
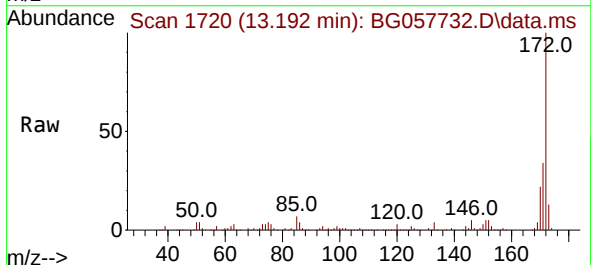
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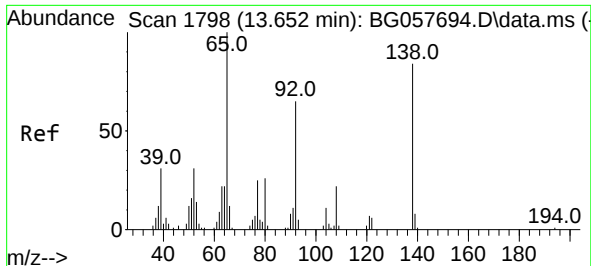
Tgt Ion:330 Resp: 69213
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.6
141 31.5 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 37.653 ng
RT: 13.192 min Scan# 1720
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion:172 Resp: 266251
Ion Ratio Lower Upper
172 100
171 33.8 27.9 41.9
170 22.3 18.2 27.4

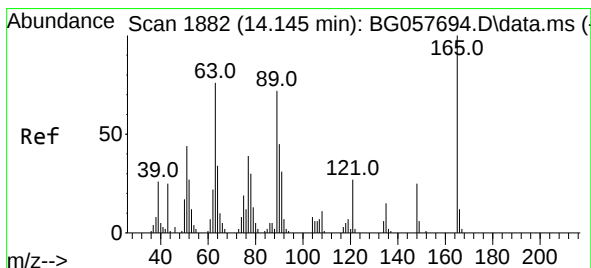
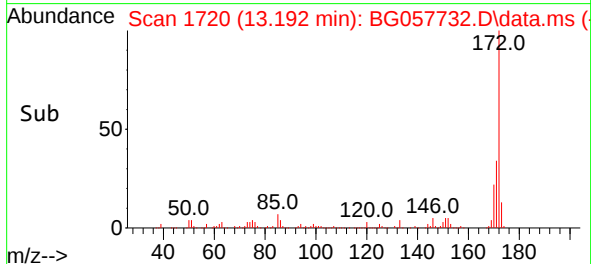
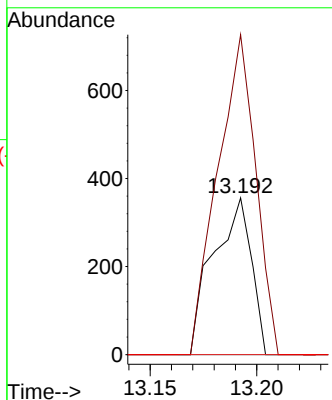
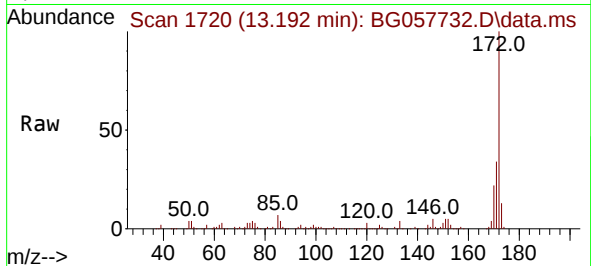




#48
2-Nitroaniline
Concen: 4.450 ng
RT: 13.192 min Scan# 1
Delta R.T. -0.461 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

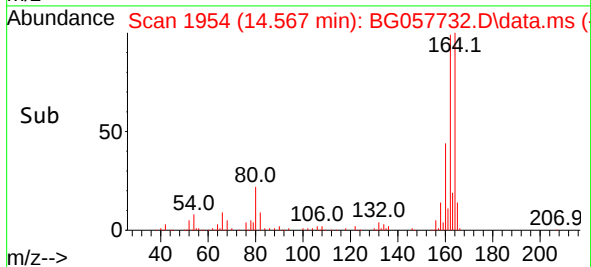
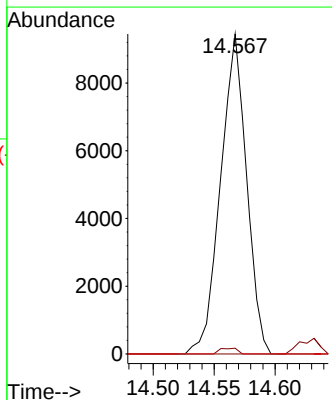
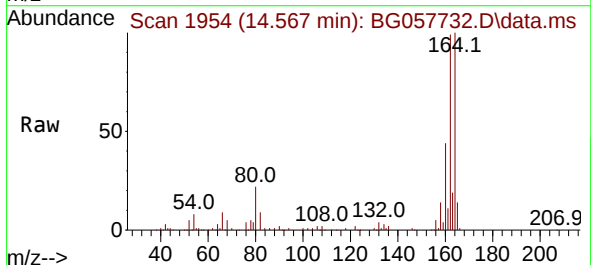
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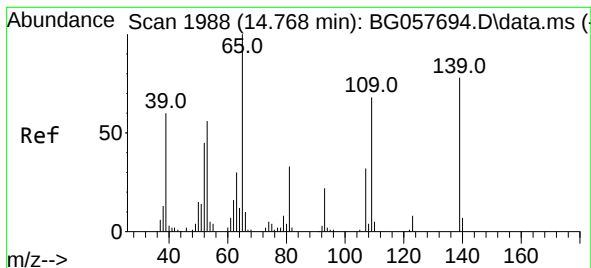
Tgt Ion: 65 Resp: 442
Ion Ratio Lower Upper
65 100
92 204.2 52.2 78.4#
138 0.0 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.965 ng
RT: 14.567 min Scan# 1954
Delta R.T. 0.421 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion: 165 Resp: 14003
Ion Ratio Lower Upper
165 100
63 1.8 62.3 93.5#
89 0.0 57.4 86.0#

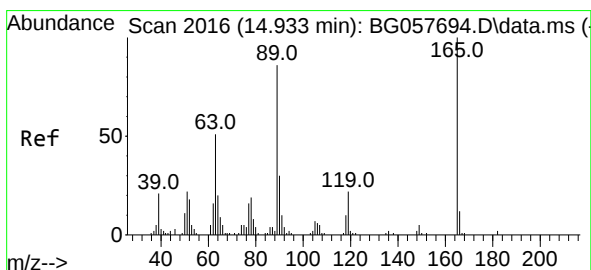
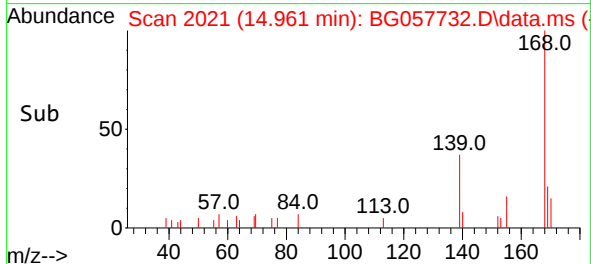
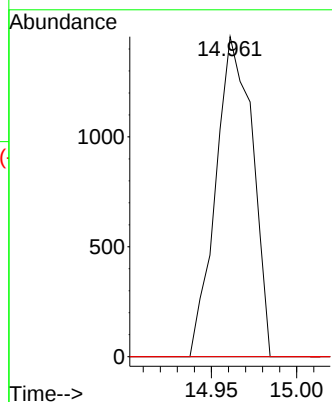
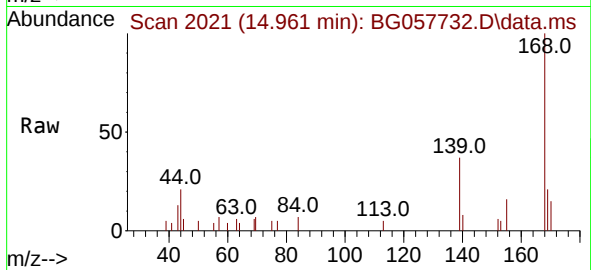




#56
4-Nitrophenol
Concen: 6.444 ng
RT: 14.961 min Scan# 20
Delta R.T. 0.191 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

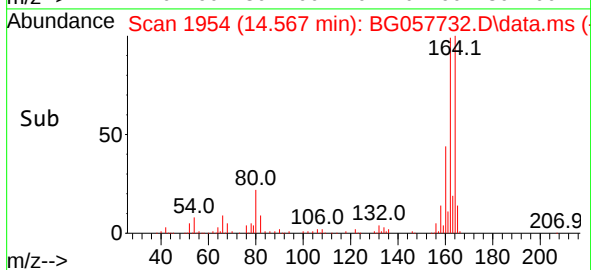
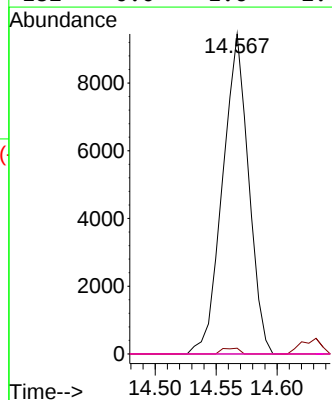
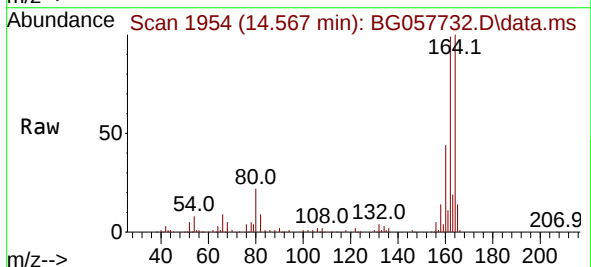
Instrument :
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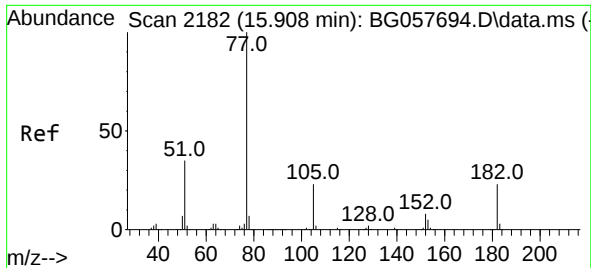
Tgt Ion:139 Resp: 2178
Ion Ratio Lower Upper
139 100
109 0.0 67.3 107.3#
65 0.0 108.3 148.3#



#57
2,4-Dinitrotoluene
Concen: 14.904 ng
RT: 14.567 min Scan# 1954
Delta R.T. -0.367 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion:165 Resp: 14003
Ion Ratio Lower Upper
165 100
63 1.8 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#

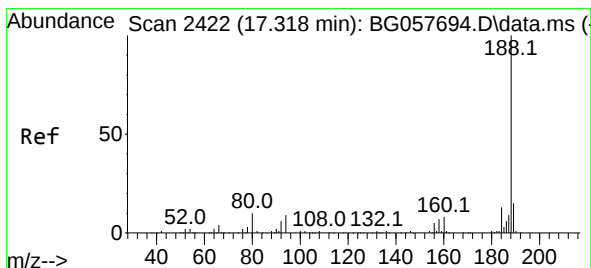
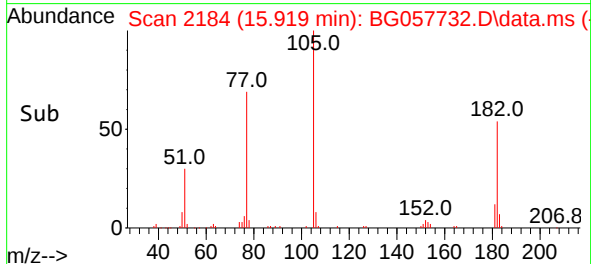
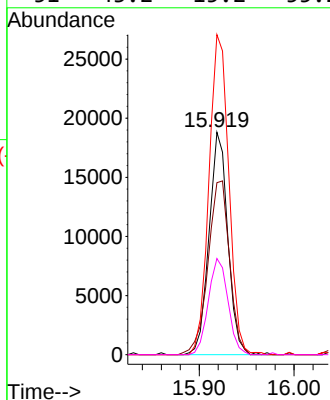
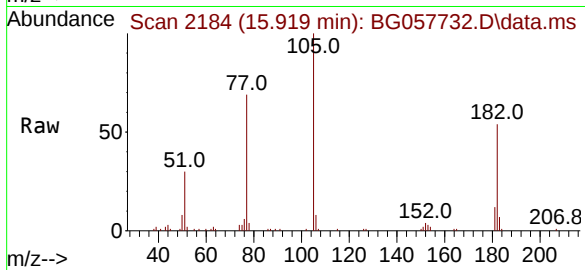




#63
Azobenzene
Concen: 3.013 ng
RT: 15.919 min Scan# 2182
Delta R.T. 0.009 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

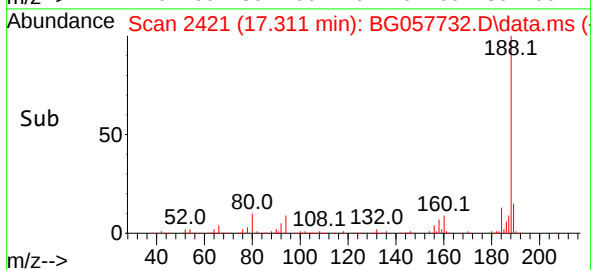
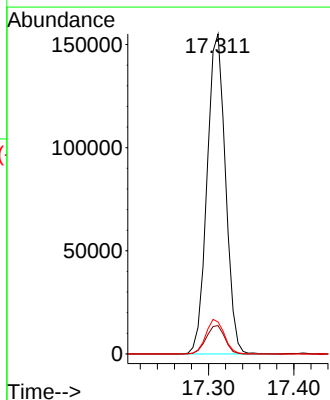
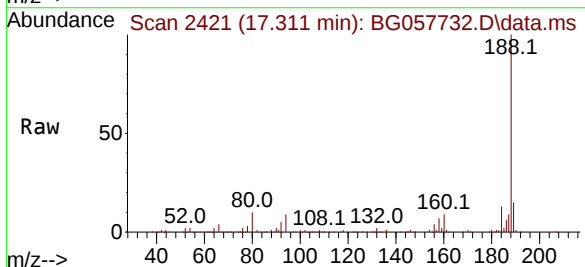
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

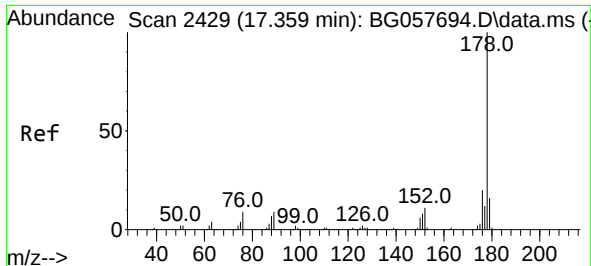
Tgt Ion: 77	Resp: 25847
Ion Ratio	Lower Upper
77 100	
182 77.4	3.2 43.2#
105 143.9	3.3 43.3#
51 43.2	15.2 55.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2421
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion: 188	Resp: 232276
Ion Ratio	Lower Upper
188 100	
94 8.9	6.9 10.3
80 10.0	8.2 12.4

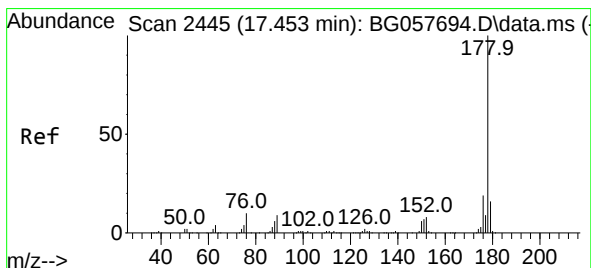
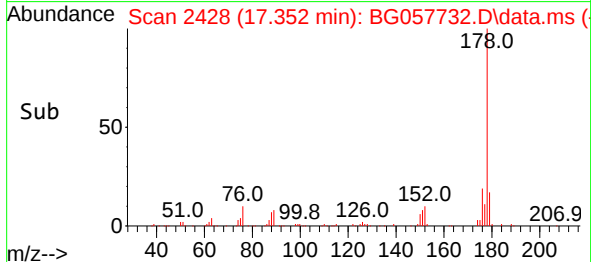
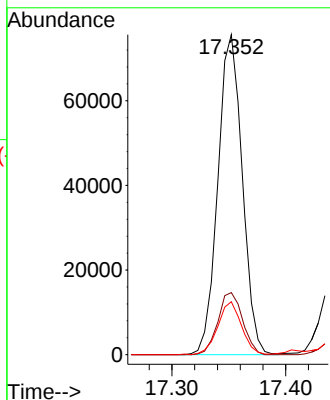
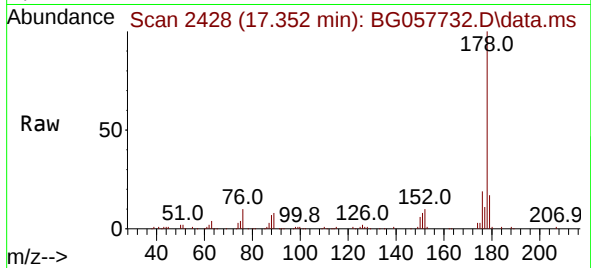




#71
Phenanthrene
Concen: 9.955 ng
RT: 17.352 min Scan# 2428
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

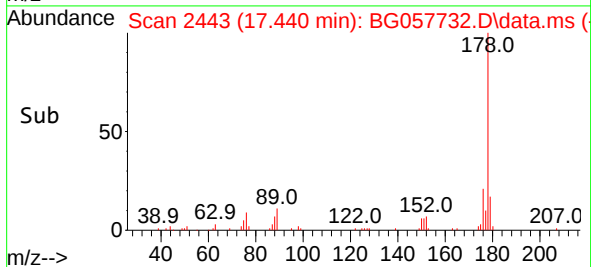
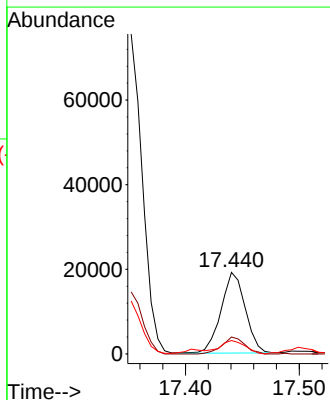
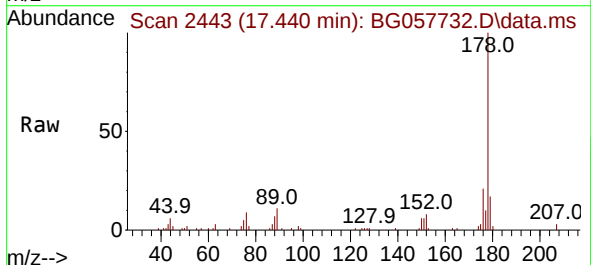
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

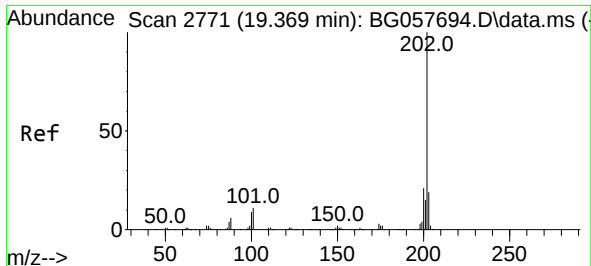
Tgt Ion:178 Resp: 112836
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 16.5 13.0 19.6



#72
Anthracene
Concen: 2.468 ng
RT: 17.440 min Scan# 2443
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion:178 Resp: 28341
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.0
179 16.6 12.9 19.3

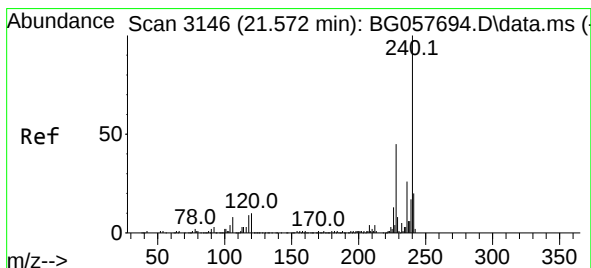
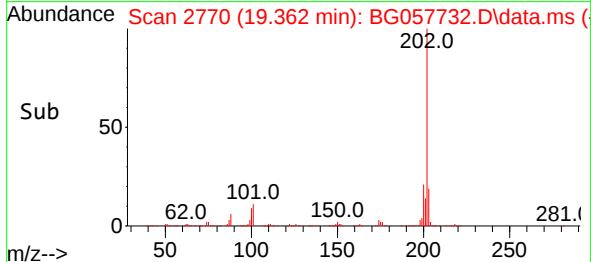
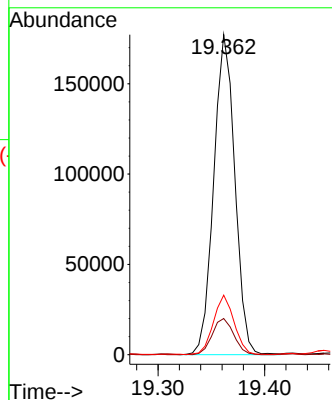
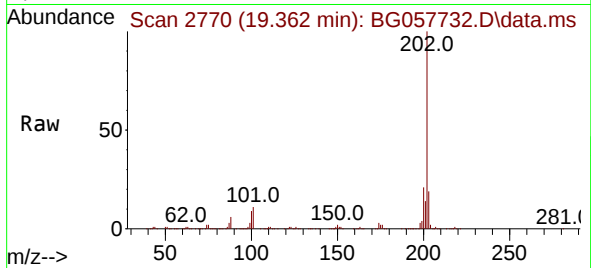




#75
Fluoranthene
Concen: 17.827 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

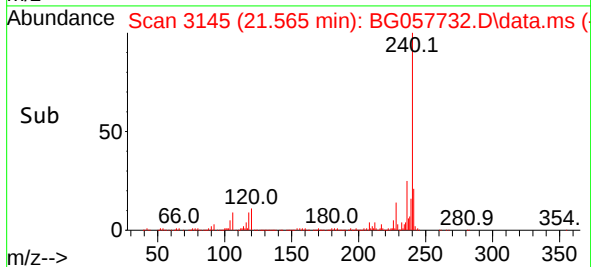
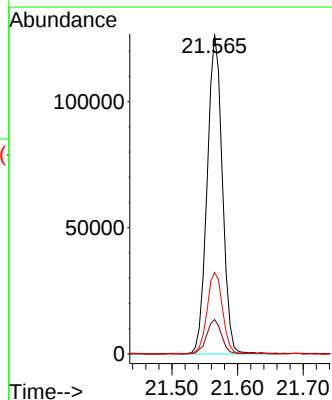
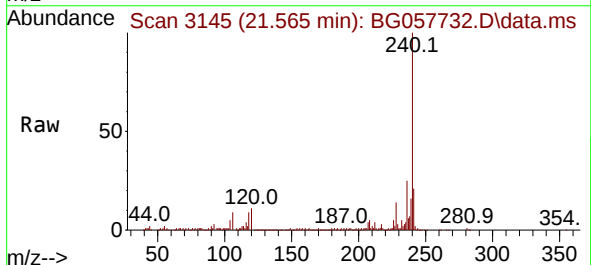
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

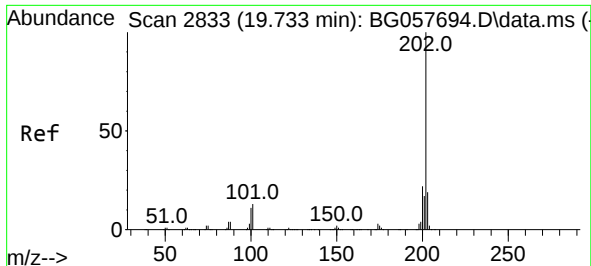
Tgt Ion:202 Resp: 243420
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.1
203 18.6 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion:240 Resp: 203698
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 25.4 20.7 31.1

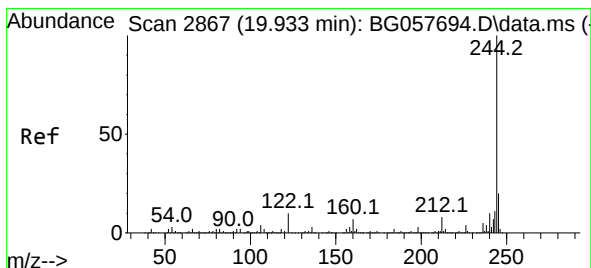
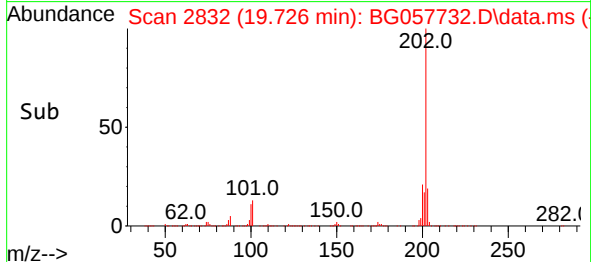
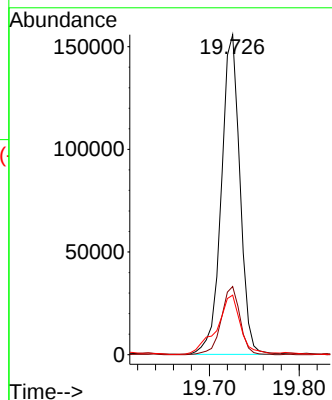
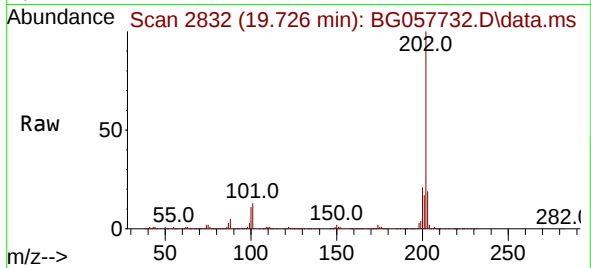




#78
 Pyrene
 Concen: 15.417 ng
 RT: 19.726 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057732.D
 Acq: 15 Jun 2023 20:16

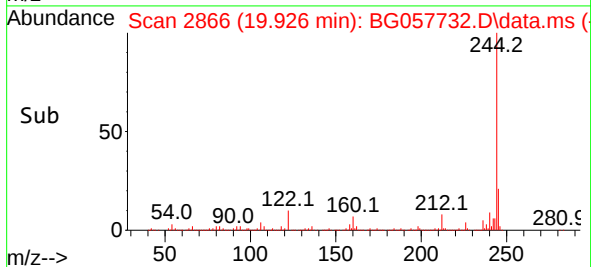
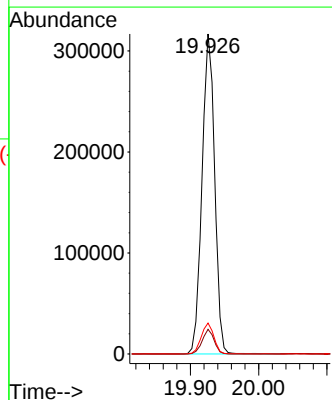
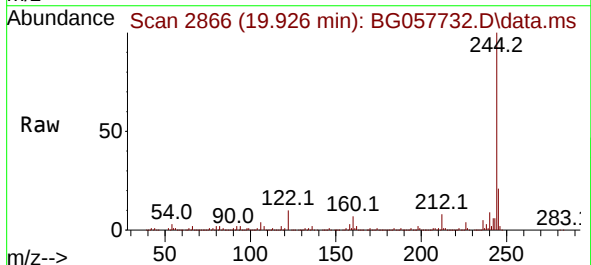
Instrument :
 BNA_G
 ClientSampleId :
 COMP-SB-33

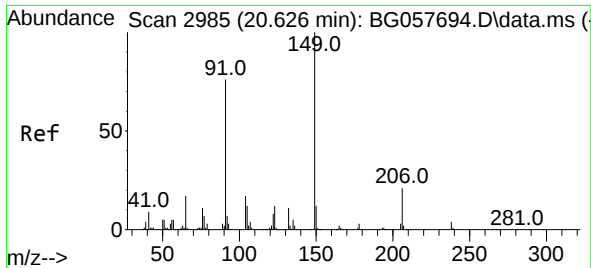
Tgt Ion:202 Resp: 223444
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.0
 203 18.6 14.9 22.3



#79
 Terphenyl-d14
 Concen: 37.000 ng
 RT: 19.926 min Scan# 2866
 Delta R.T. -0.008 min
 Lab File: BG057732.D
 Acq: 15 Jun 2023 20:16

Tgt Ion:244 Resp: 407642
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 9.7 7.7 11.5

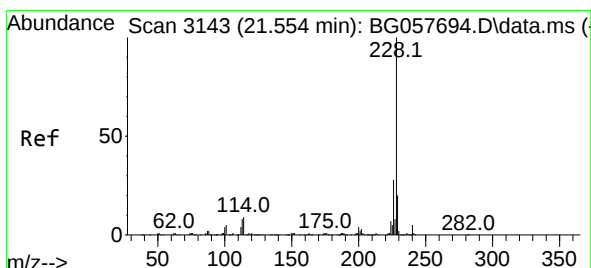
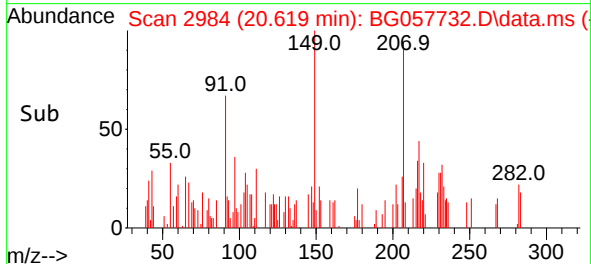
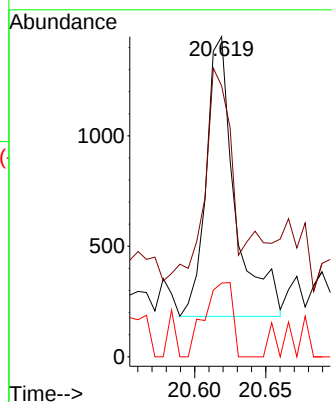
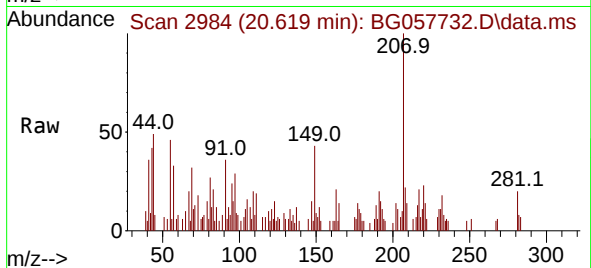




#80
Butylbenzylphthalate
Concen: 4.416 ng
RT: 20.619 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

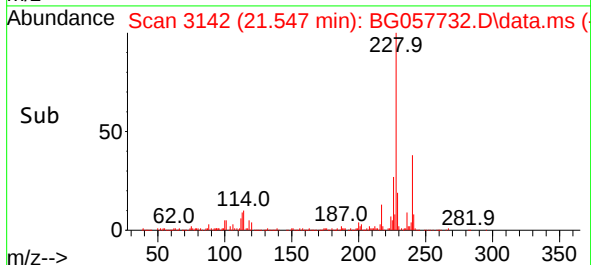
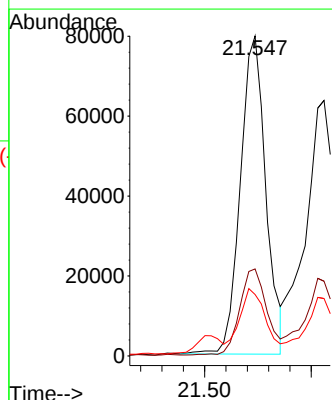
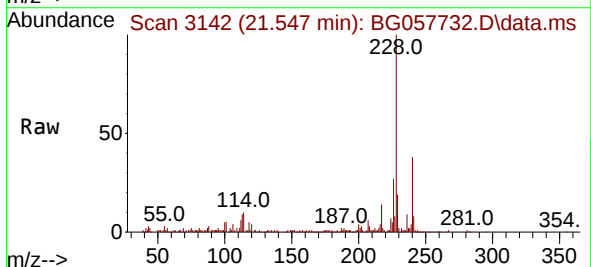
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

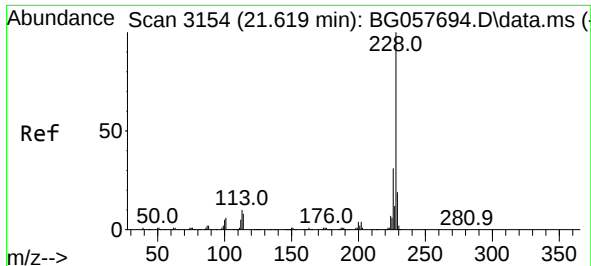
Tgt Ion:	149	Resp:	1787
Ion Ratio	Lower	Upper	
149	100		
91	84.6	60.8	91.2
206	23.1	16.8	25.2



#81
Benzo(a)anthracene
Concen: 9.389 ng
RT: 21.547 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion:	228	Resp:	132078
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.4	33.6
229	19.2	15.9	23.9

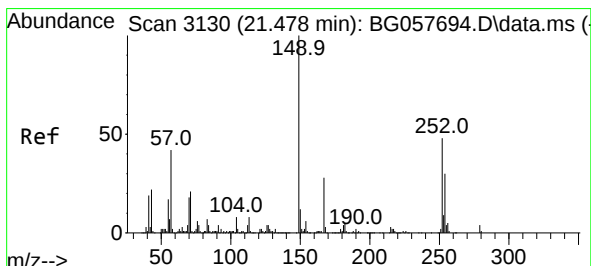
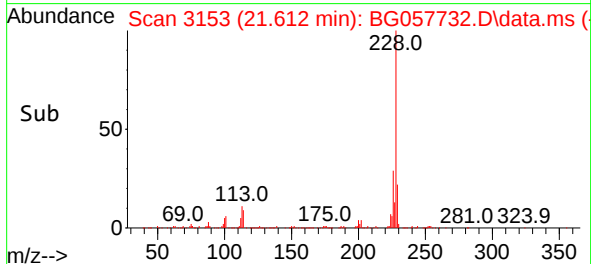
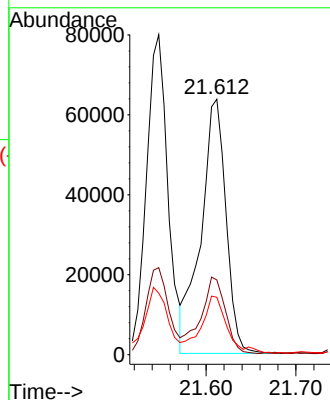
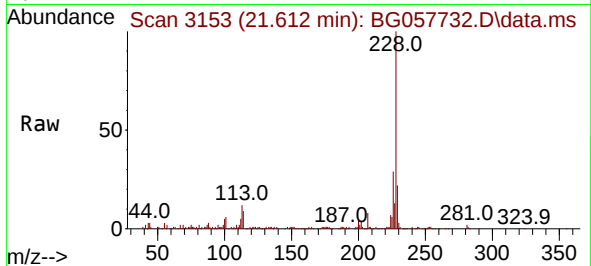




#83
Chrysene
Concen: 9.270 ng
RT: 21.612 min Scan# 3153
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

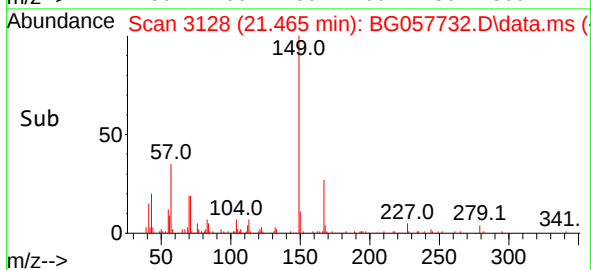
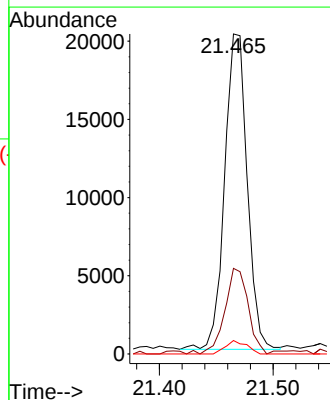
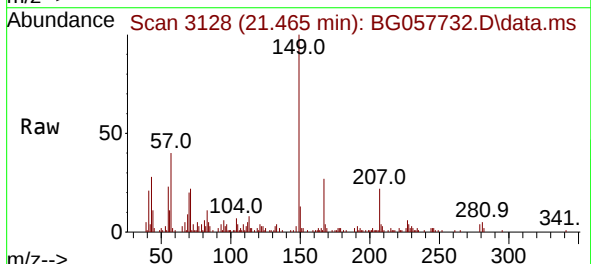
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

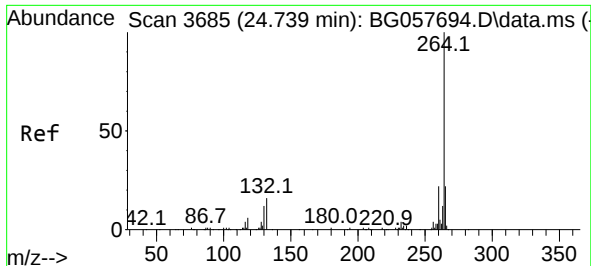
Tgt Ion:228 Resp: 124111
Ion Ratio Lower Upper
228 100
226 29.2 24.6 36.8
229 22.5 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.898 ng
RT: 21.465 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion:149 Resp: 27834
Ion Ratio Lower Upper
149 100
167 26.8 22.1 33.1
279 4.2 3.0 4.4

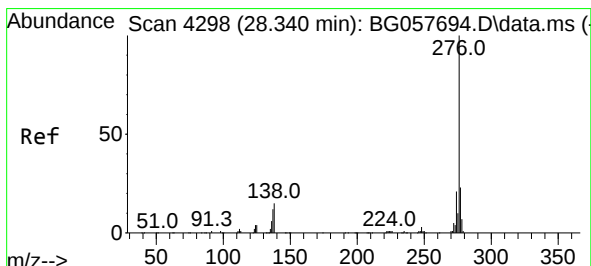
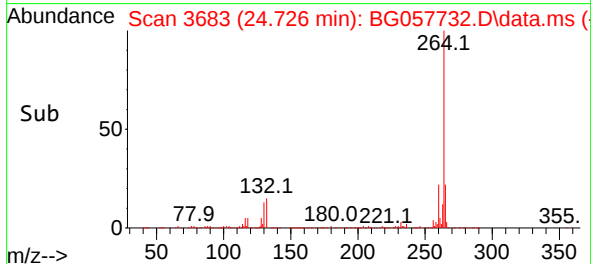
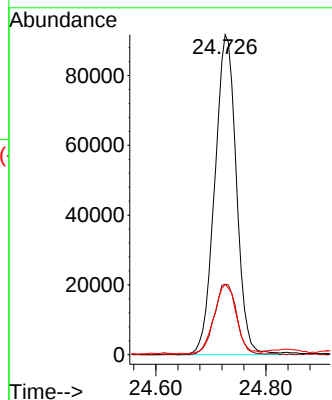
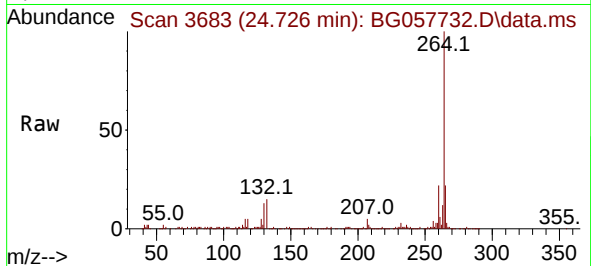




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.726 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

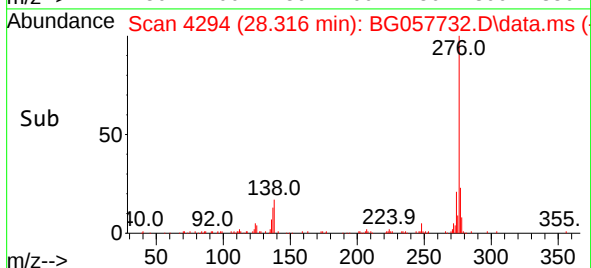
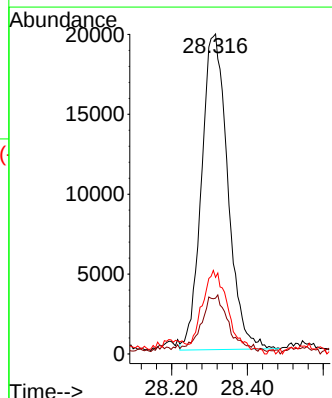
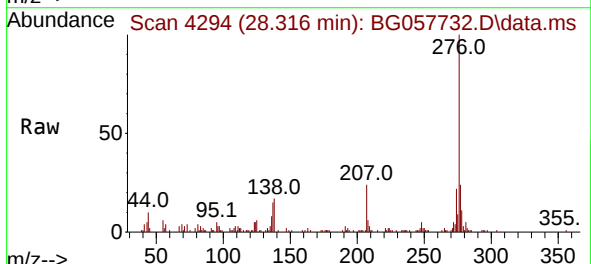
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

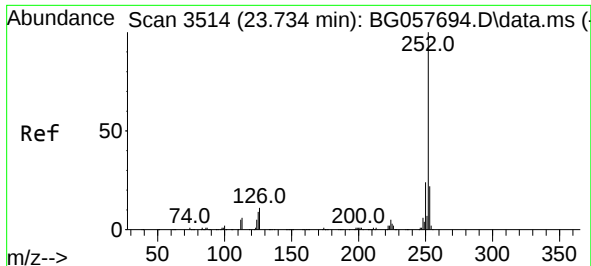
Tgt Ion:264 Resp: 249721
Ion Ratio Lower Upper
264 100
260 22.0 17.3 25.9
265 22.0 17.5 26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.869 ng
RT: 28.316 min Scan# 4294
Delta R.T. -0.032 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion:276 Resp: 94837
Ion Ratio Lower Upper
276 100
138 17.9 11.9 17.9#
277 23.0 20.2 30.2

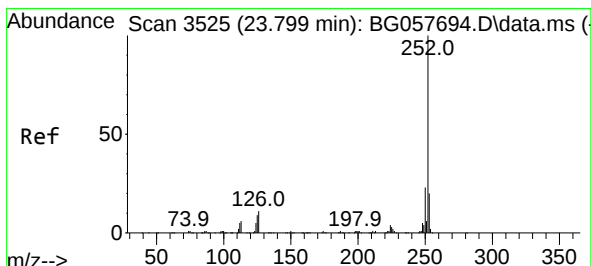
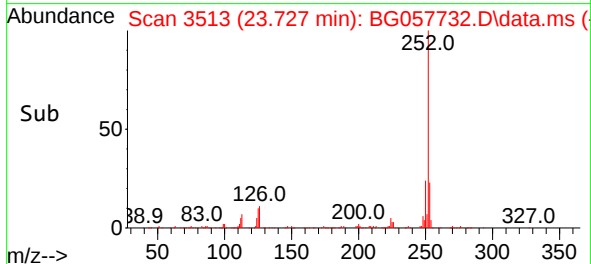
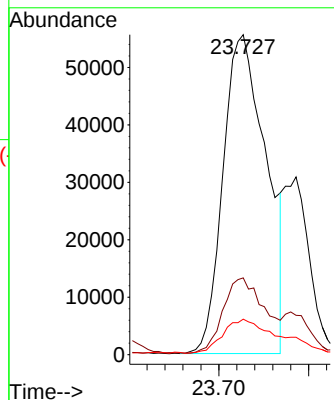
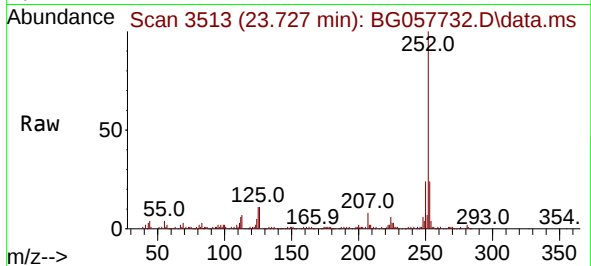




#88
Benzo(b)fluoranthene
Concen: 13.675 ng
RT: 23.727 min Scan# 3513
Delta R.T. -0.002 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

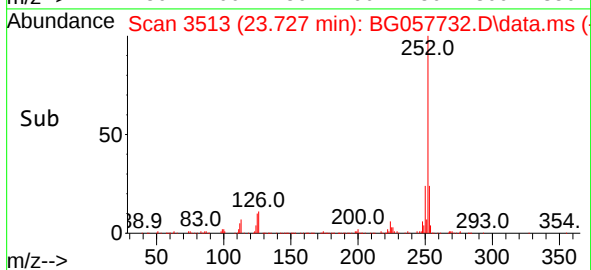
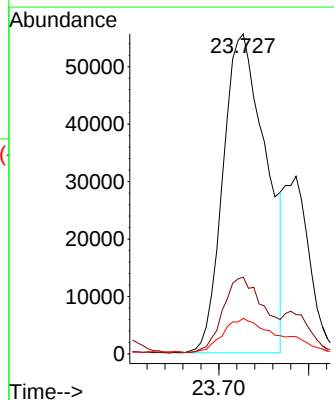
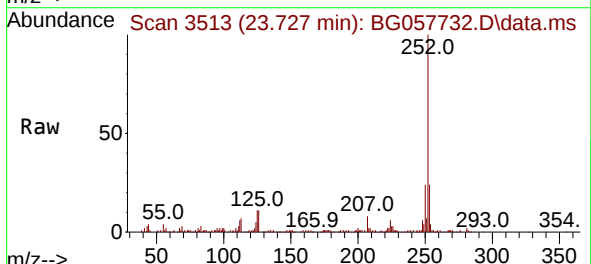
Instrument :
BNA_G
ClientSampleId :
COMP-SB-33

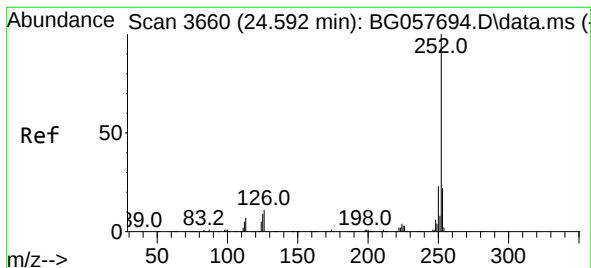
Tgt Ion:252 Resp: 185256
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 11.1 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 13.185 ng
RT: 23.727 min Scan# 3513
Delta R.T. -0.073 min
Lab File: BG057732.D
Acq: 15 Jun 2023 20:16

Tgt Ion:252 Resp: 185256
Ion Ratio Lower Upper
252 100
253 24.0 16.6 25.0
125 11.1 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 9.921 ng

RT: 24.573 min Scan# 3

Delta R.T. -0.014 min

Lab File: BG057732.D

Acq: 15 Jun 2023 20:16

Instrument :

BNA_G

ClientSampleId :

COMP-SB-33

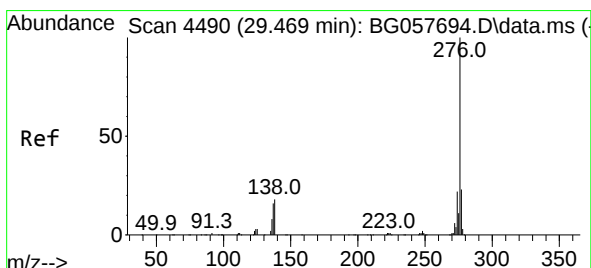
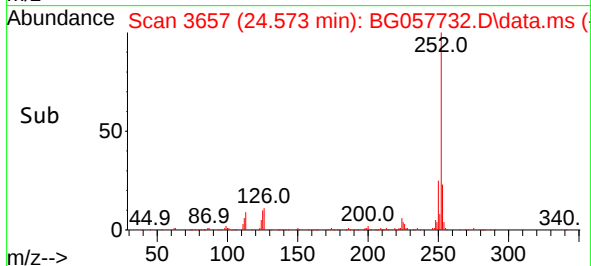
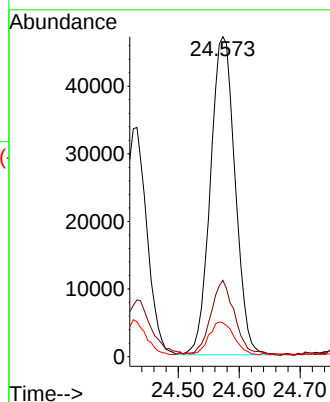
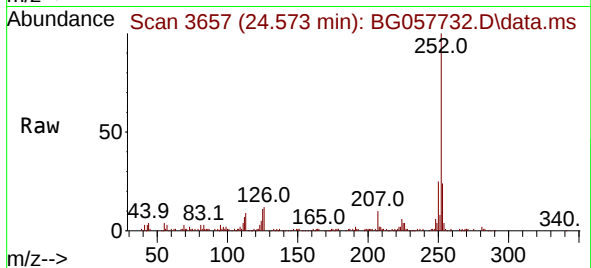
Tgt Ion:252 Resp: 132151

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

125 10.5 7.4 11.2



#92

Benzo(g,h,i)perylene

Concen: 7.130 ng

RT: 29.438 min Scan# 4485

Delta R.T. -0.032 min

Lab File: BG057732.D

Acq: 15 Jun 2023 20:16

Tgt Ion:276 Resp: 95026

Ion Ratio Lower Upper

276 100

277 24.6 18.1 27.1

138 19.0 14.6 21.8

