

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056662.D
 Acq On : 17 Feb 2023 19:09
 Operator : CG/JU
 Sample : 01572-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-277-281

Quant Time: Feb 18 00:06:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

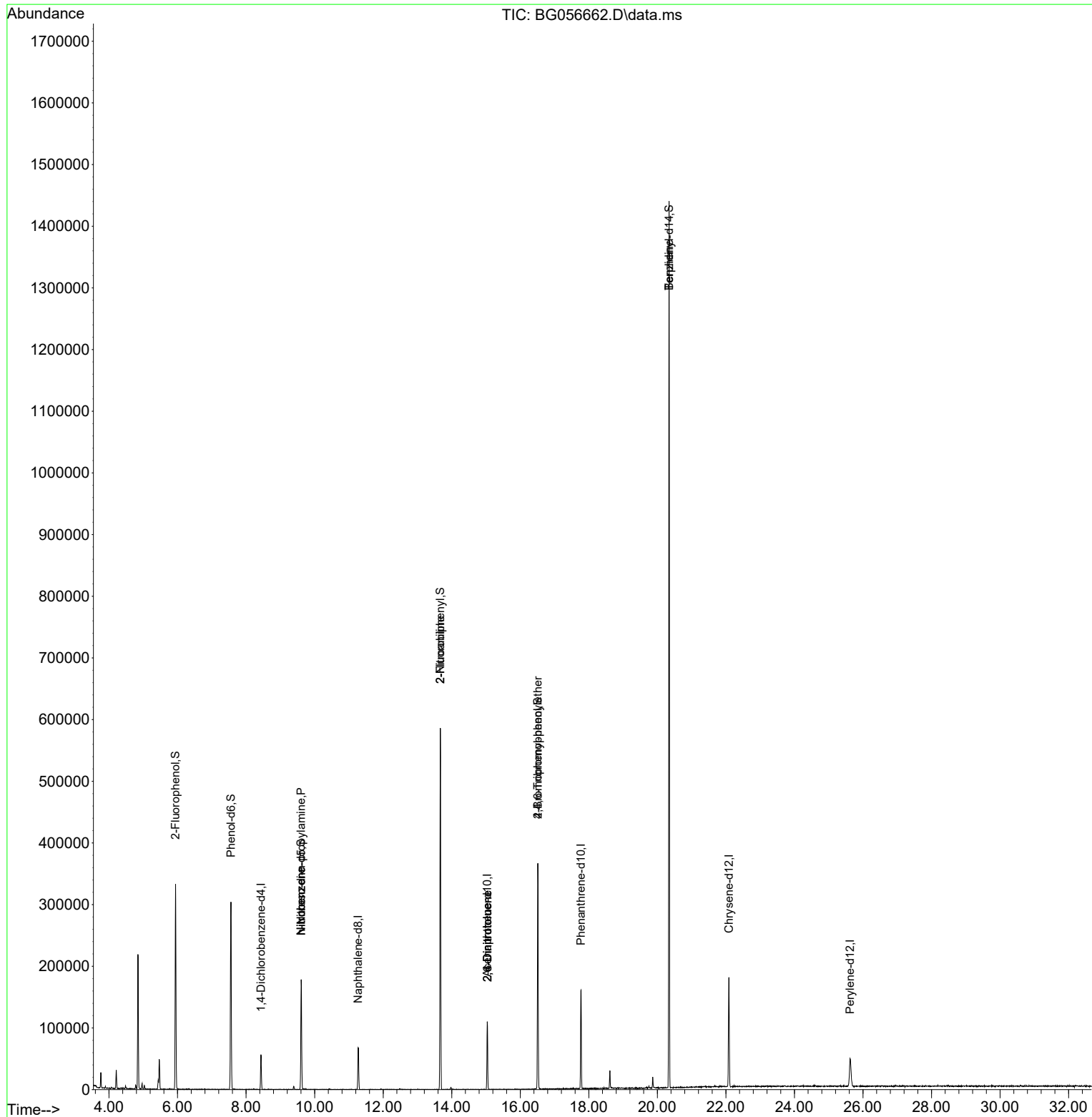
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.438	152	15080	20.000	ng	0.00
21) Naphthalene-d8	11.270	136	56068	20.000	ng	0.00
39) Acenaphthene-d10	15.036	164	38530	20.000	ng	0.00
64) Phenanthrene-d10	17.774	188	106330	20.000	ng	0.00
76) Chrysene-d12	22.087	240	115110	20.000	ng	-0.01
86) Perylene-d12	25.624	264	43820	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.941	112	136037	146.778	ng	0.00
7) Phenol-d6	7.557	99	168421	123.020	ng	0.00
23) Nitrobenzene-d5	9.607	82	105114	95.990	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	75935	143.946	ng	0.00
45) 2-Fluorobiphenyl	13.667	172	304665	105.882	ng	0.00
79) Terphenyl-d14	20.342	244	714724	101.587	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.607	70	13874	13.537	ng	# 86
24) Nitrobenzene	9.607	77	372	2.963	ng	# 12
48) 2-Nitroaniline	13.667	65	512	5.924	ng	# 1
51) 2,6-Dinitrotoluene	15.042	165	5584	11.133	ng	# 21
57) 2,4-Dinitrotoluene	15.042	165	5584	7.188	ng	# 24
67) 4-Bromophenyl-phenylether	16.511	248	5019	3.676	ng	# 1
77) Benzidine	20.342	184	12329	4.478	ng	# 91

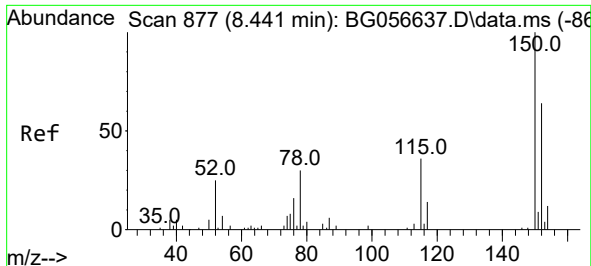
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration

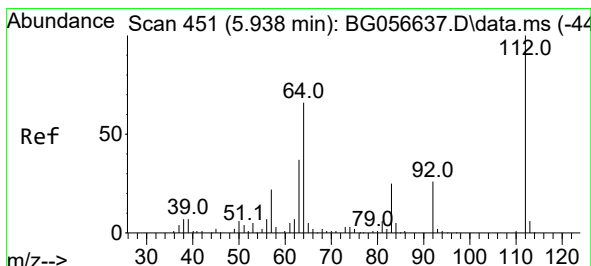
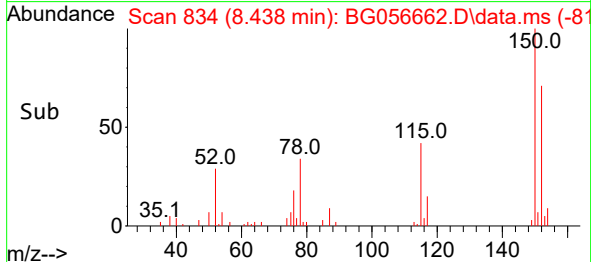
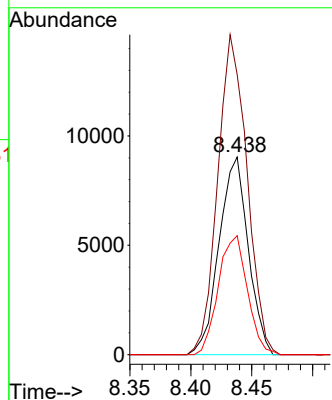
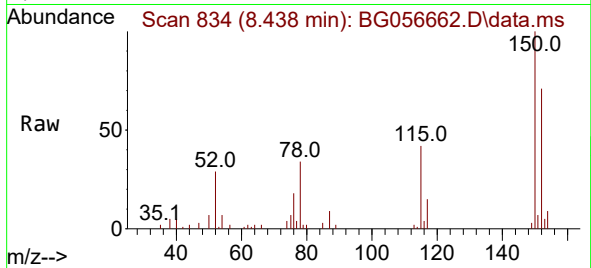




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.438 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

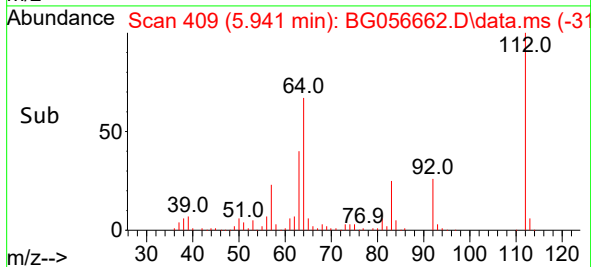
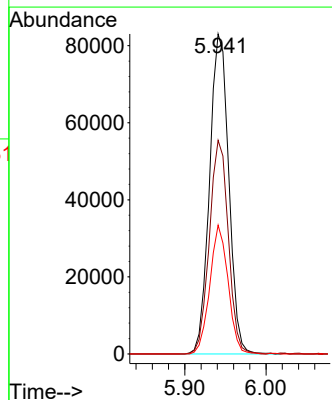
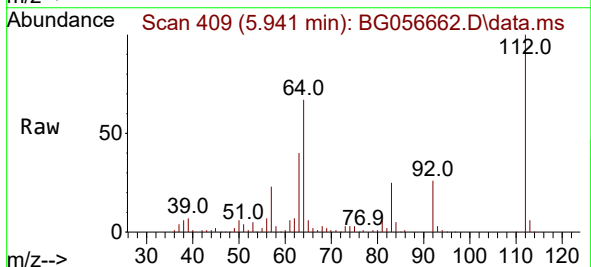
Instrument :
BNA_G
ClientSampleId :
COMP-277-281

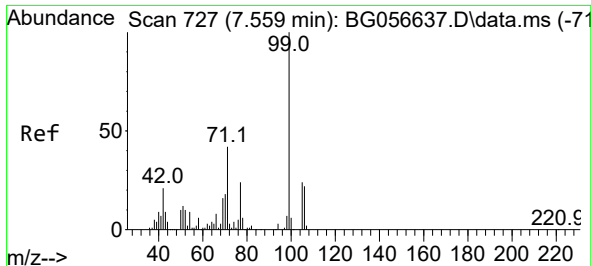
Tgt Ion:152 Resp: 15080
Ion Ratio Lower Upper
152 100
150 141.8 124.8 187.2
115 60.3 44.7 67.1



#5
2-Fluorophenol
Concen: 146.778 ng
RT: 5.941 min Scan# 409
Delta R.T. 0.003 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

Tgt Ion:112 Resp: 136037
Ion Ratio Lower Upper
112 100
64 66.7 52.6 78.8
63 40.3 29.8 44.6

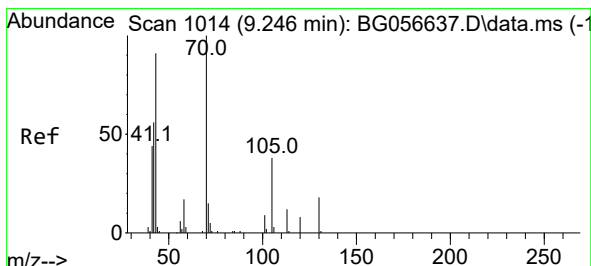
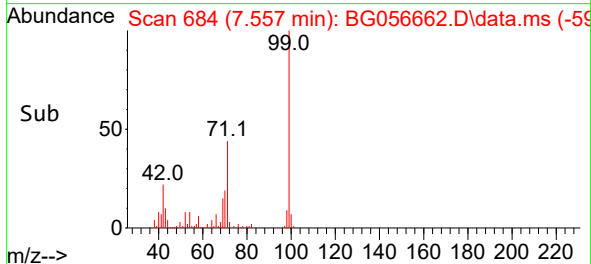
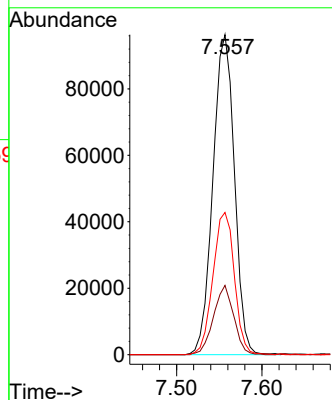
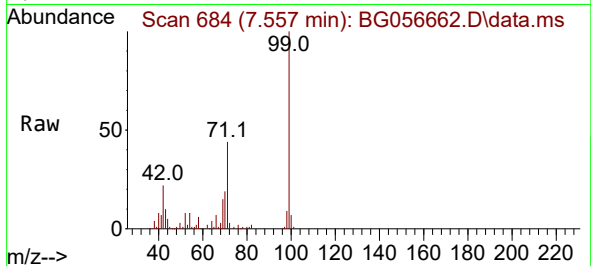




#7
Phenol-d6
Concen: 123.020 ng
RT: 7.557 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

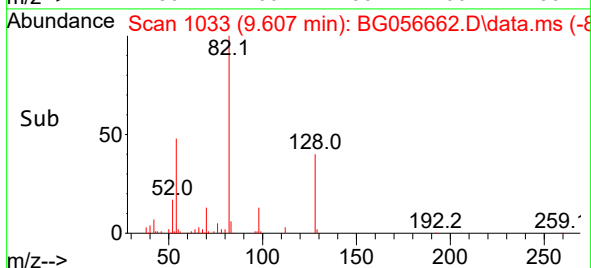
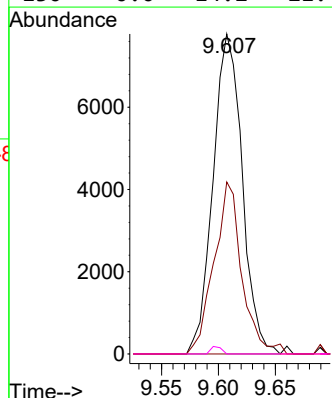
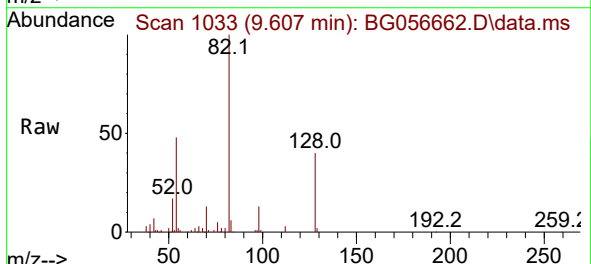
Instrument :
BNA_G
ClientSampleId :
COMP-277-281

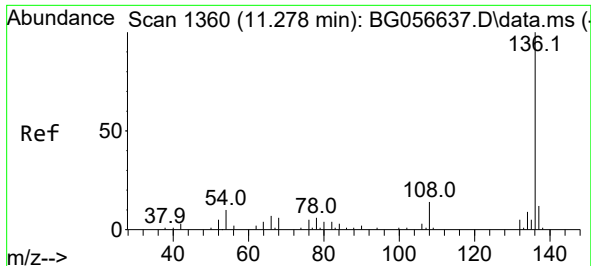
Tgt Ion: 99 Resp: 168421
Ion Ratio Lower Upper
99 100
42 21.6 16.8 25.2
71 44.5 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.537 ng
RT: 9.607 min Scan# 1033
Delta R.T. 0.362 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

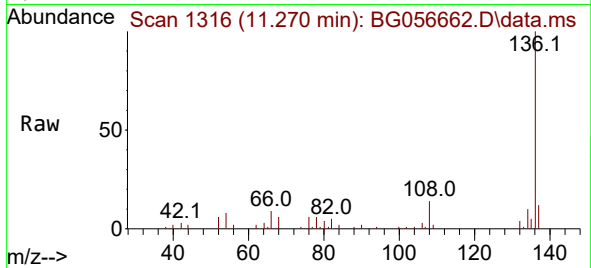
Tgt Ion: 70 Resp: 13874
Ion Ratio Lower Upper
70 100
42 53.7 45.7 68.5
101 0.0 7.4 11.0#
130 0.0 14.2 21.4#



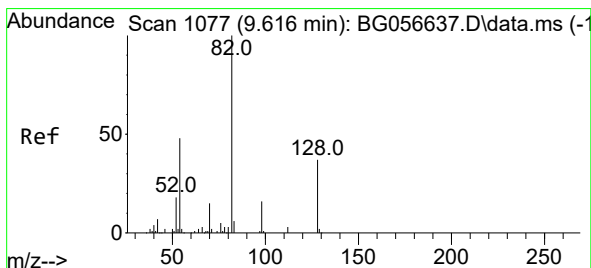
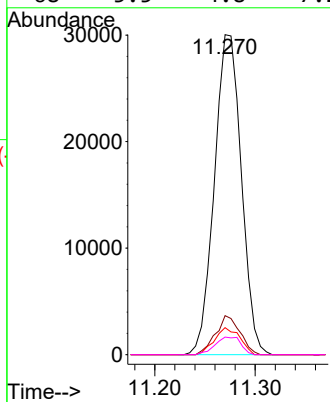
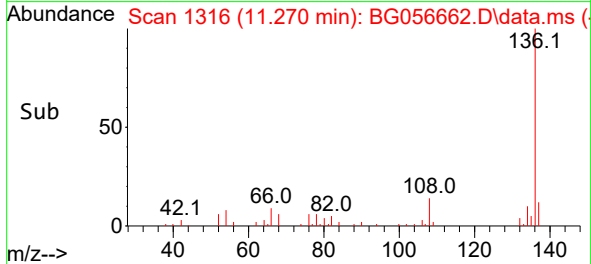


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.270 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

Instrument :
BNA_G
ClientSampleId :
COMP-277-281

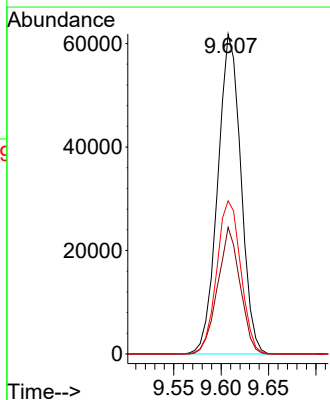
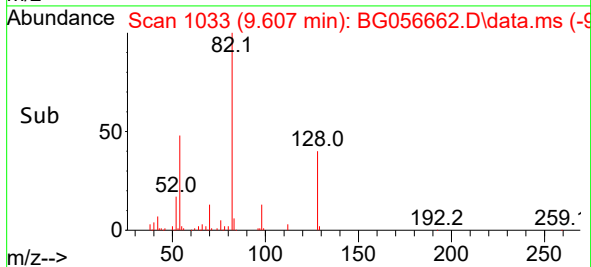
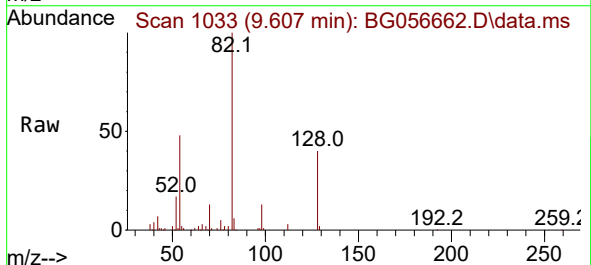


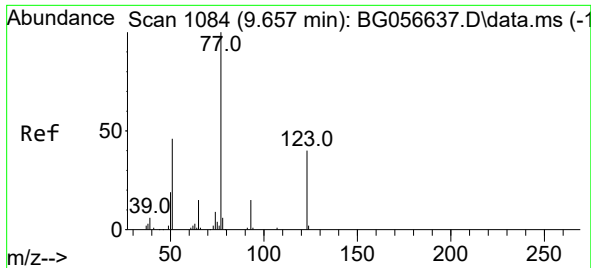
Tgt Ion:136	Resp:	56068
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.7 14.5
54	8.5	7.7 11.5
68	5.5	4.8 7.2



#23
Nitrobenzene-d5
Concen: 95.990 ng
RT: 9.607 min Scan# 1033
Delta R.T. -0.009 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

Tgt Ion: 82	Resp:	105114
Ion Ratio	Lower	Upper
82	100	
128	39.6	29.4 44.2
54	47.9	37.8 56.6

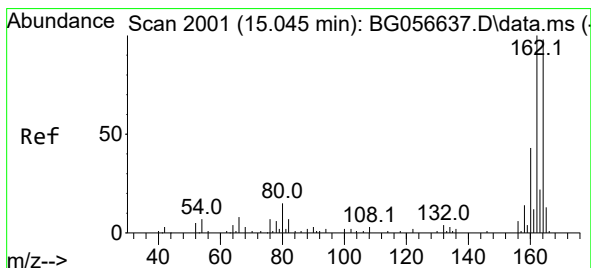
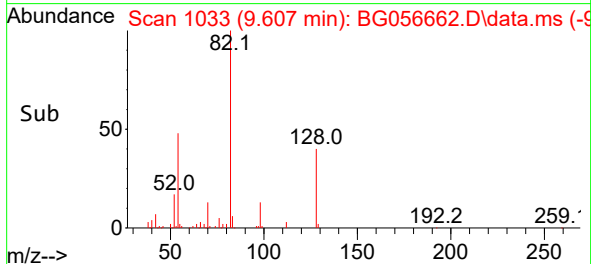
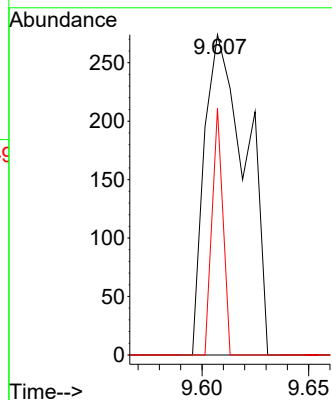
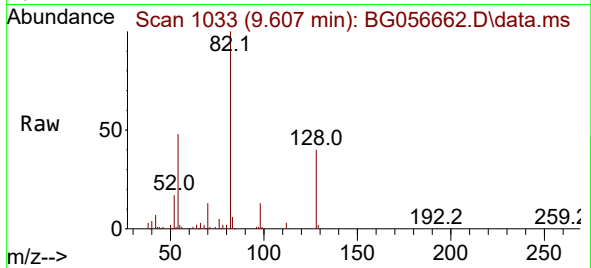




#24
Nitrobenzene
Concen: 2.963 ng
RT: 9.607 min Scan# 1084
Delta R.T. -0.050 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

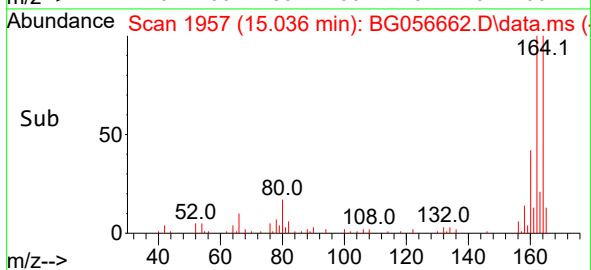
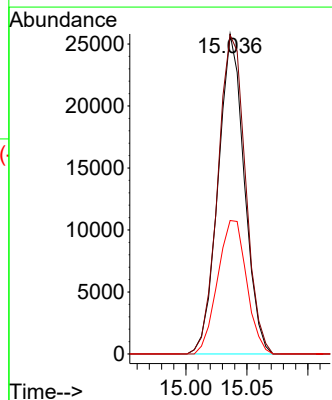
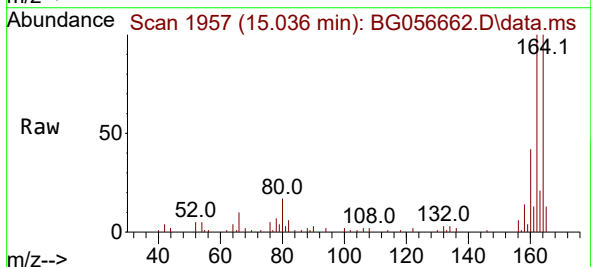
Instrument :
BNA_G
ClientSampleId :
COMP-277-281

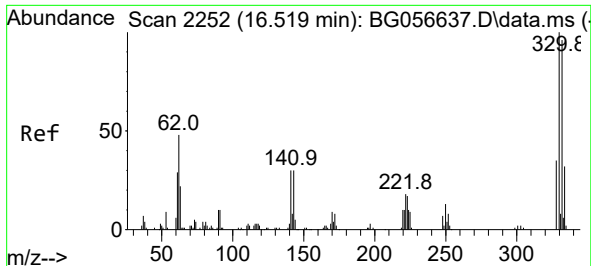
Tgt Ion: 77 Resp: 372
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 77.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.036 min Scan# 1957
Delta R.T. -0.008 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

Tgt Ion: 164 Resp: 38530
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 41.7 35.2 52.8

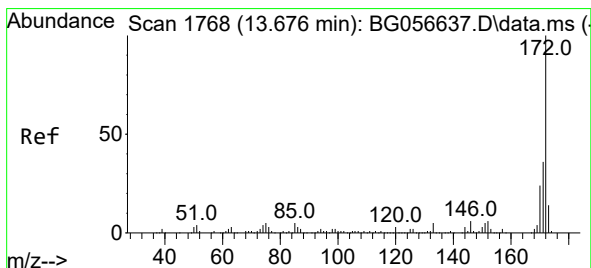
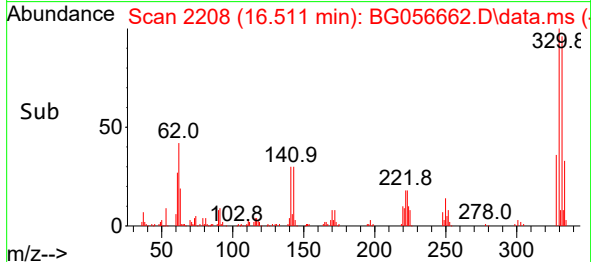
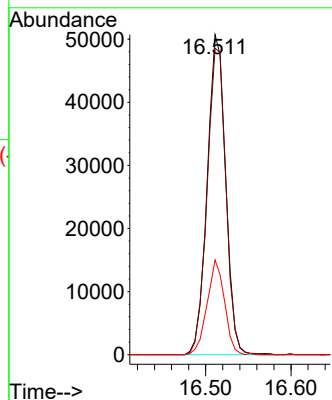
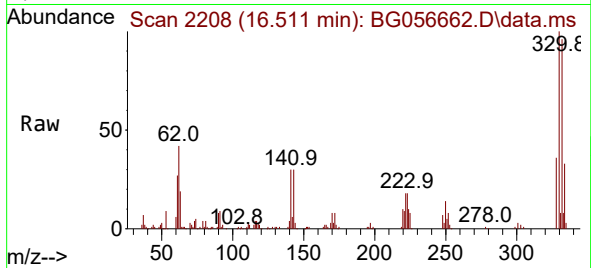




#42
2,4,6-Tribromophenol
Concen: 143.946 ng
RT: 16.511 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

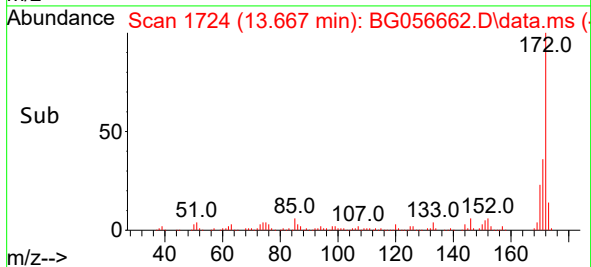
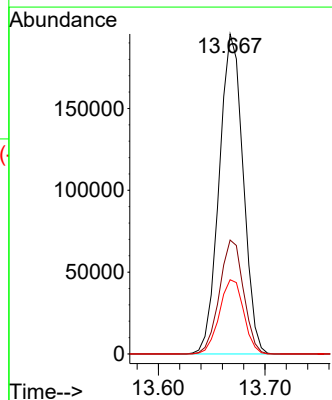
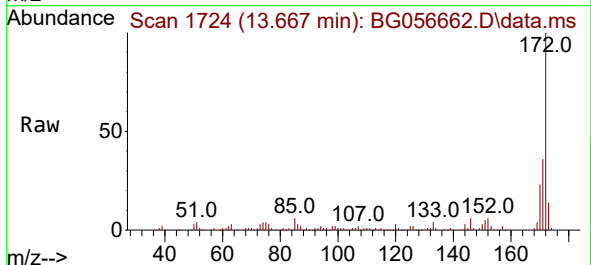
Instrument :
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ClientSampleId :
COMP-277-281

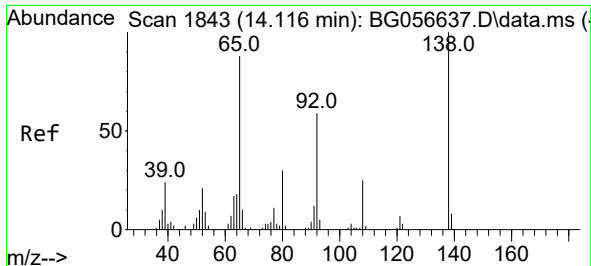
Tgt Ion:330 Resp: 75935
Ion Ratio Lower Upper
330 100
332 97.8 75.7 113.5
141 28.0 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 105.882 ng
RT: 13.667 min Scan# 1724
Delta R.T. -0.008 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

Tgt Ion:172 Resp: 304665
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.2 19.4 29.0

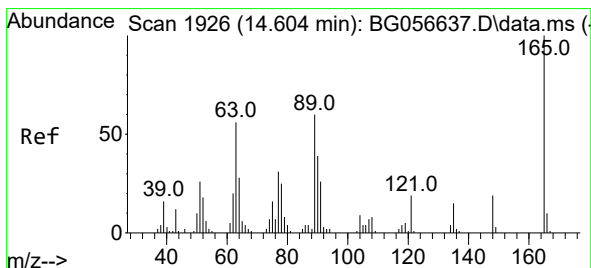
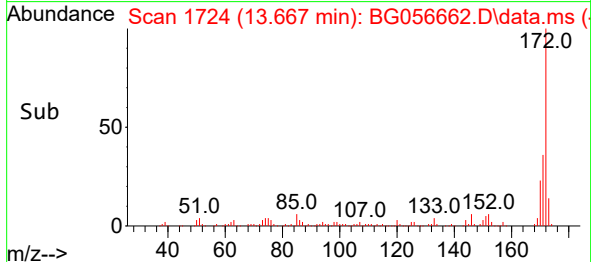
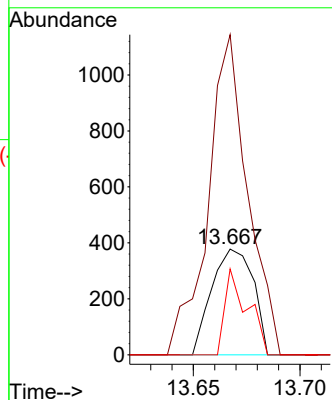
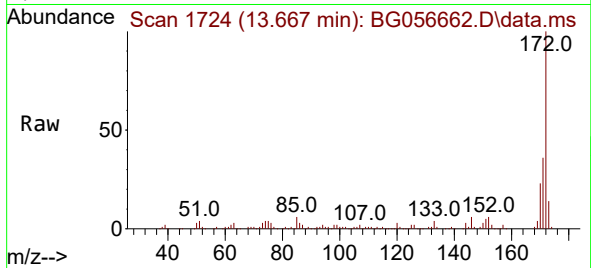




#48
2-Nitroaniline
Concen: 5.924 ng
RT: 13.667 min Scan# 11
Delta R.T. -0.449 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

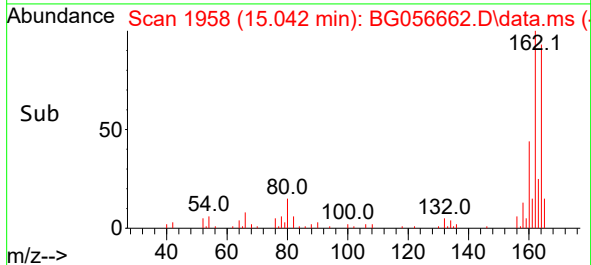
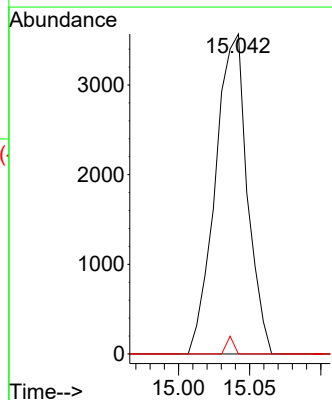
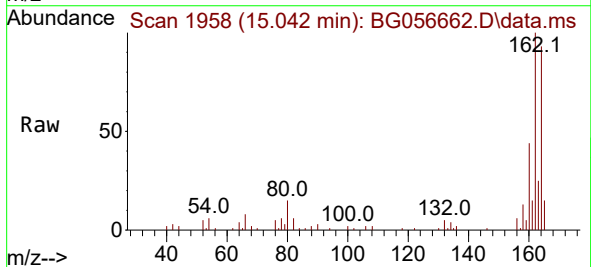
Instrument :
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ClientSampleId :
COMP-277-281

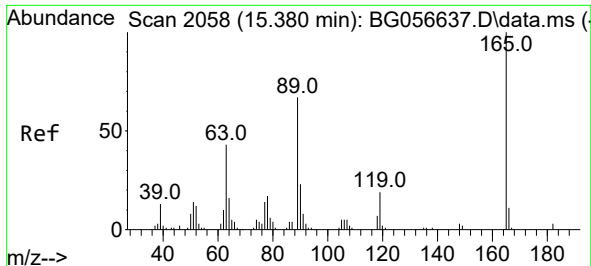
Tgt Ion: 65 Resp: 512
Ion Ratio Lower Upper
65 100
92 302.6 53.8 80.6#
138 81.2 90.6 135.8#



#51
2,6-Dinitrotoluene
Concen: 11.133 ng
RT: 15.042 min Scan# 1958
Delta R.T. 0.438 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

Tgt Ion:165 Resp: 5584
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 48.2 72.2#





#57

2,4-Dinitrotoluene

Concen: 7.188 ng

RT: 15.042 min Scan# 14

Delta R.T. -0.338 min

Lab File: BG056662.D

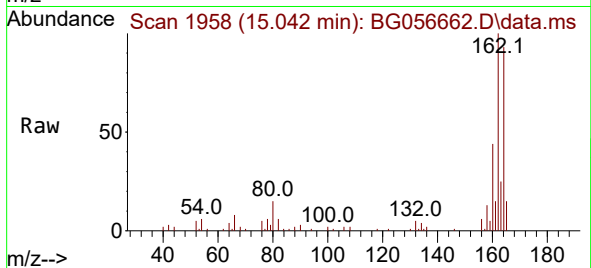
Acq: 17 Feb 2023 19:09

Instrument :

BNA_G

ClientSampleId :

COMP-277-281



Tgt Ion:165 Resp: 5584

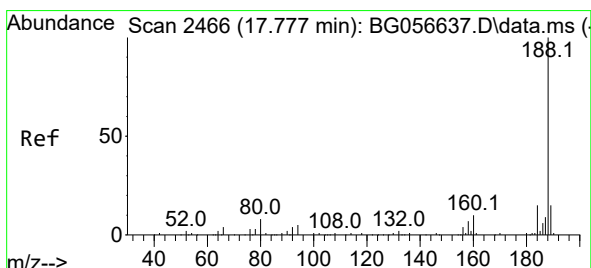
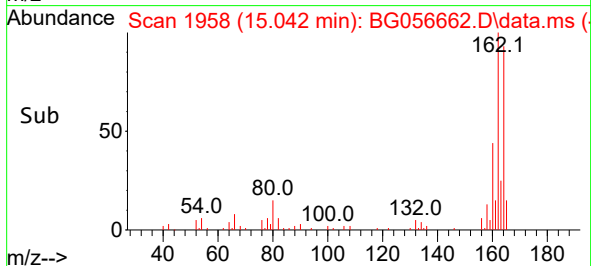
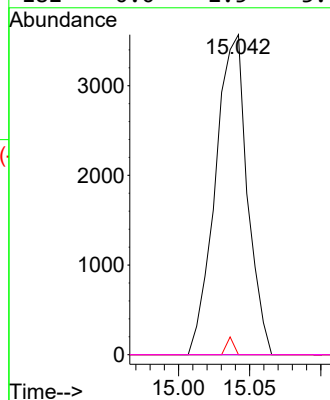
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 53.8 80.8#

182 0.0 2.5 3.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.774 min Scan# 2423

Delta R.T. -0.003 min

Lab File: BG056662.D

Acq: 17 Feb 2023 19:09

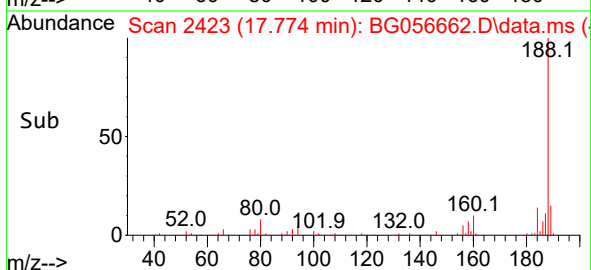
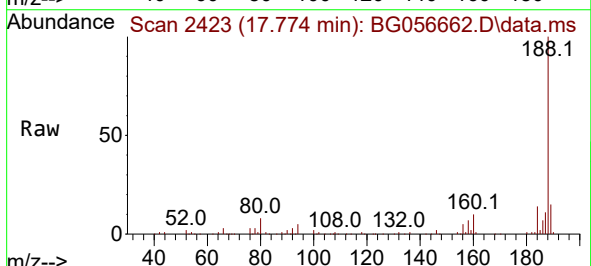
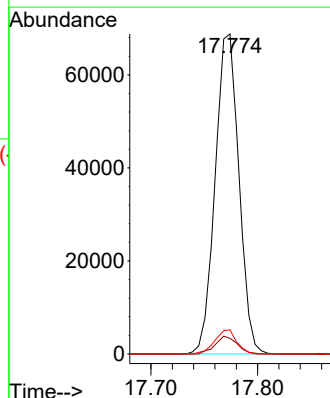
Tgt Ion:188 Resp: 106330

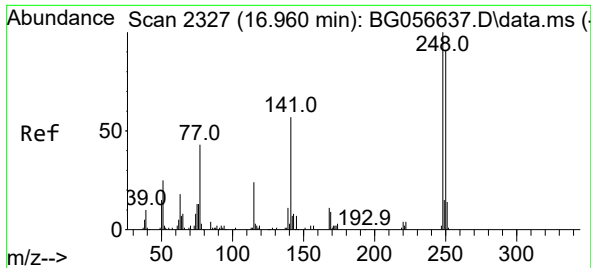
Ion Ratio Lower Upper

188 100

94 4.9 4.0 6.0

80 7.6 6.3 9.5

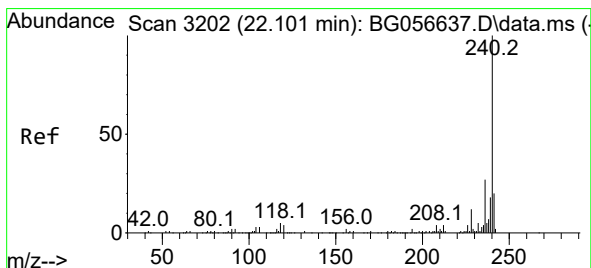
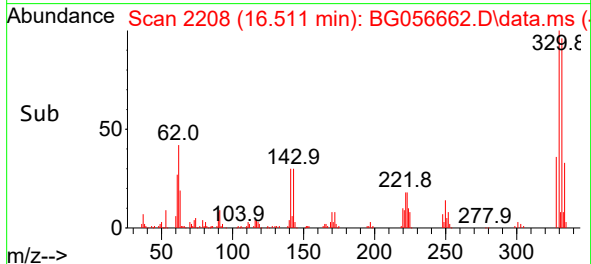
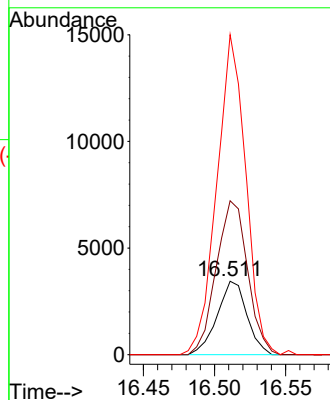
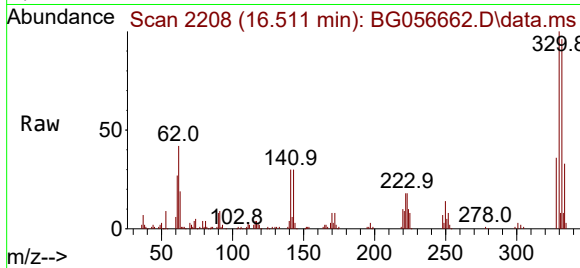




#67
4-Bromophenyl-phenylether
Concen: 3.676 ng
RT: 16.511 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

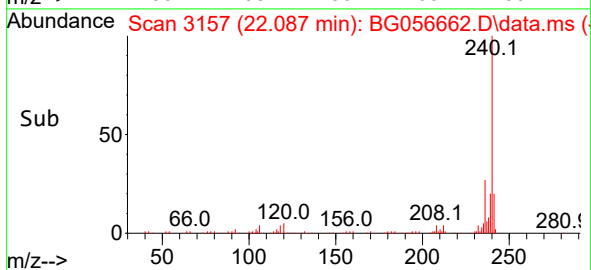
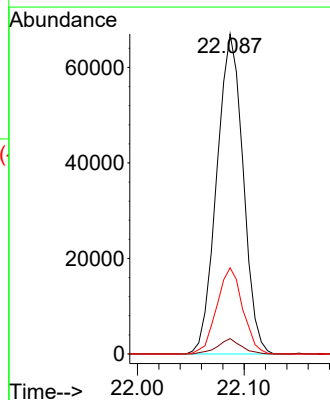
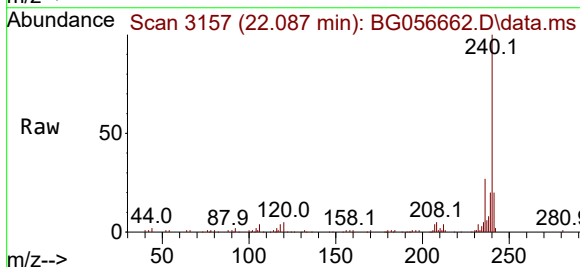
Instrument :
BNA_G
ClientSampleId :
COMP-277-281

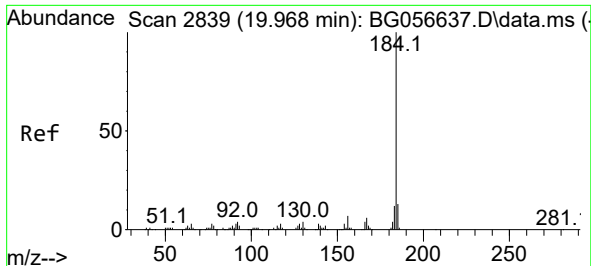
Tgt Ion:248 Resp: 5019
Ion Ratio Lower Upper
248 100
250 209.6 73.0 109.6#
141 435.7 45.6 68.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. -0.014 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

Tgt Ion:240 Resp: 115110
Ion Ratio Lower Upper
240 100
120 4.8 3.5 5.3
236 26.9 21.5 32.3

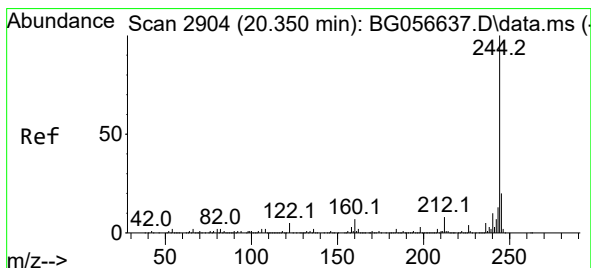
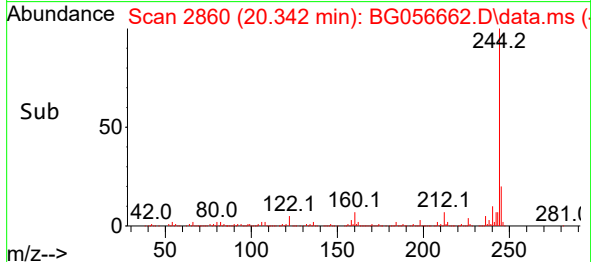
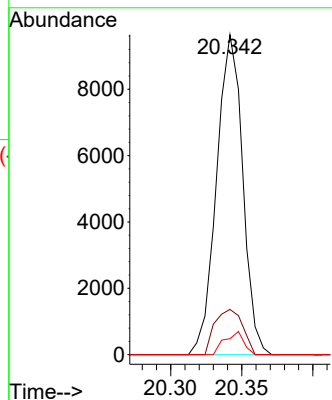
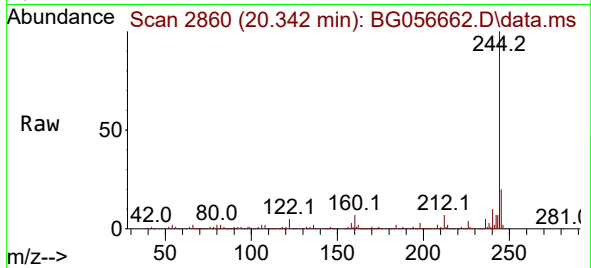




#77
Benzidine
Concen: 4.478 ng
RT: 20.342 min Scan# 2860
Delta R.T. 0.373 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

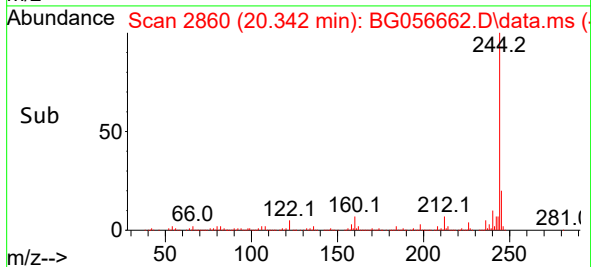
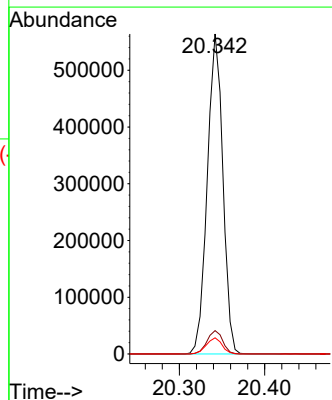
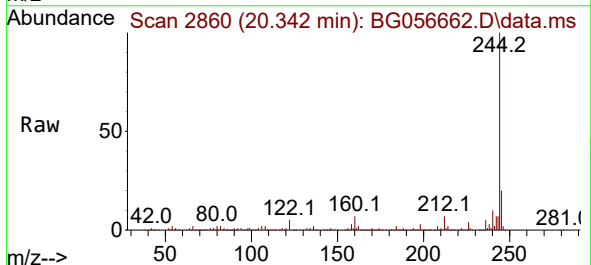
Instrument :
BNA_G
ClientSampleId :
COMP-277-281

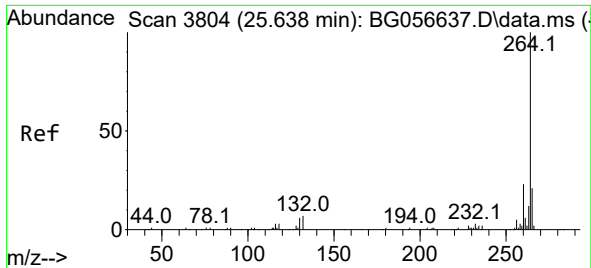
Tgt Ion:184 Resp: 12329
Ion Ratio Lower Upper
184 100
185 14.2 10.6 15.8
183 5.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 101.587 ng
RT: 20.342 min Scan# 2860
Delta R.T. -0.009 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

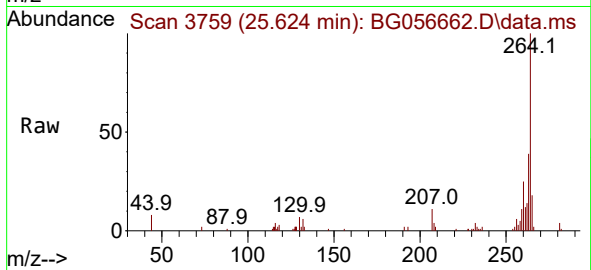
Tgt Ion:244 Resp: 714724
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 5.0 3.8 5.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.624 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG056662.D
Acq: 17 Feb 2023 19:09

Instrument :
BNA_G
ClientSampleId :
COMP-277-281



Tgt Ion:264 Resp: 43820
Ion Ratio Lower Upper
264 100
260 25.1 18.6 27.8
265 17.5 17.0 25.4

