

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055085.D
 Acq On : 6 Oct 2022 16:51
 Operator : CG/JU
 Sample : N5009-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 006-3

Quant Time: Oct 07 01:14:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 07:12:22 2022
 Response via : Initial Calibration

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

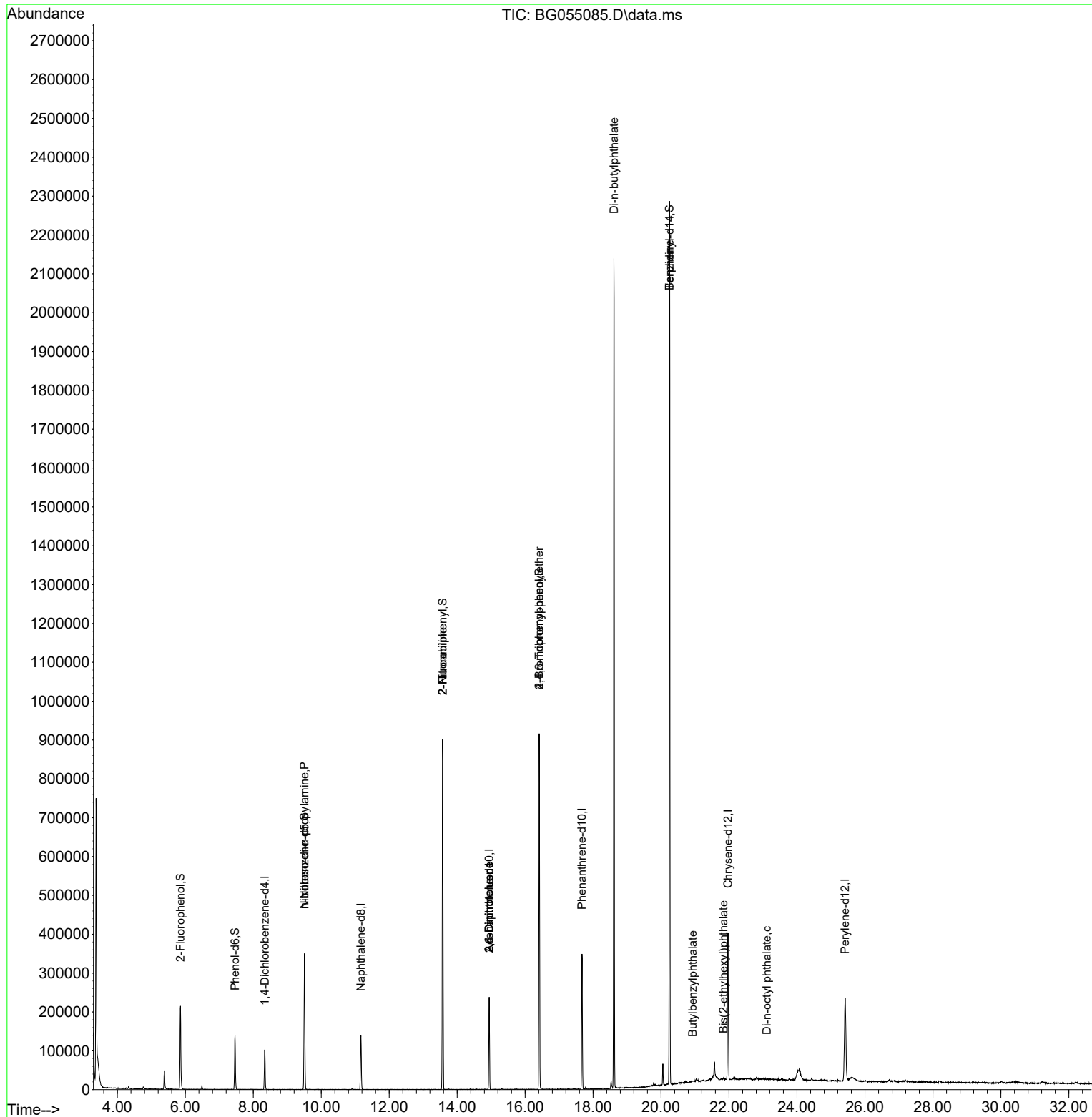
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	29381	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	118012	20.000	ng	0.00
39) Acenaphthene-d10	14.941	164	81599	20.000	ng	0.00
64) Phenanthrene-d10	17.673	188	224923	20.000	ng	0.00
76) Chrysene-d12	21.968	240	243027	20.000	ng	0.00
86) Perylene-d12	25.417	264	256205	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	98827	74.711	ng	0.00
7) Phenol-d6	7.462	99	76923	38.812	ng	0.00
23) Nitrobenzene-d5	9.506	82	202948	102.760	ng	0.00
42) 2,4,6-Tribromophenol	16.416	330	181924	210.450	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	465707	89.098	ng	0.00
79) Terphenyl-d14	20.253	244	1110242	92.336	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.506	70	28889	15.047	ng	# 81
48) 2-Nitroaniline	13.572	65	926	4.750	ng	# 5
51) 2,6-Dinitrotoluene	14.941	165	11001	12.493	ng	# 13
57) 2,4-Dinitrotoluene	14.941	165	11001	10.174	ng	# 15
67) 4-Bromophenyl-phenylether	16.416	248	11527	4.846	ng	# 1
74) Di-n-butylphthalate	18.613	149	1528636	145.184	ng	98
77) Benzidine	20.253	184	17302	4.133	ng	# 90
80) Butylbenzylphthalate	20.934	149	241	4.881	ng	# 57
84) Bis(2-ethylhexyl)phtha...	21.833	149	2079	4.352	ng	# 72
85) Di-n-octyl phthalate	23.114	149	223	4.357	ng	# 1

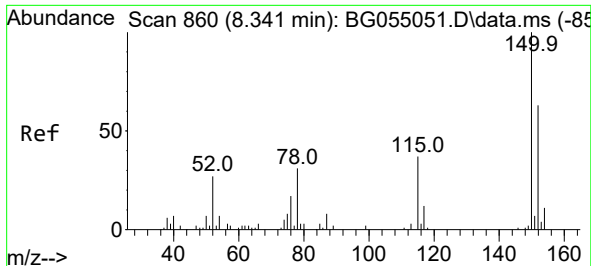
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
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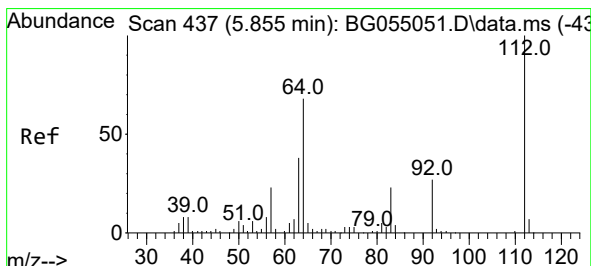
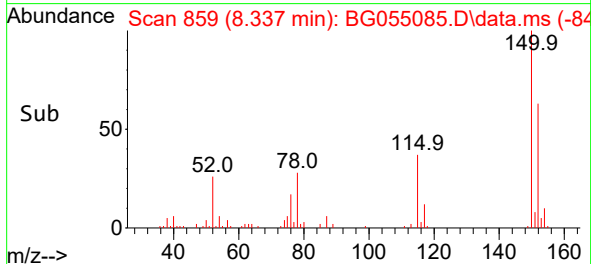
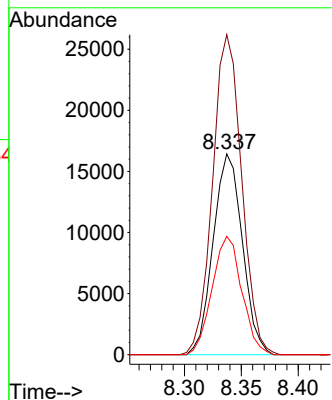
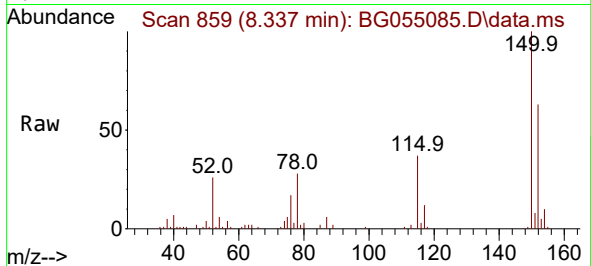




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 860
Delta R.T. -0.004 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

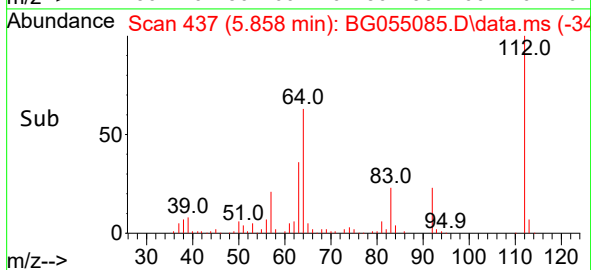
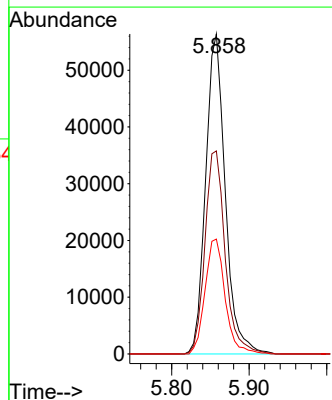
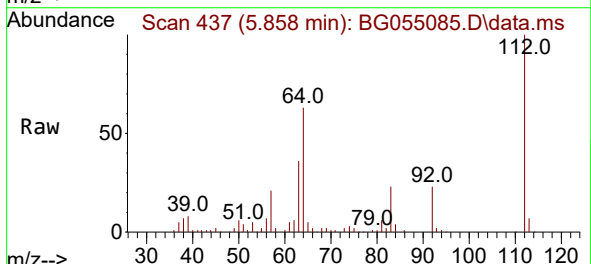
Instrument :
BNA_G
ClientSampleId :
006-3

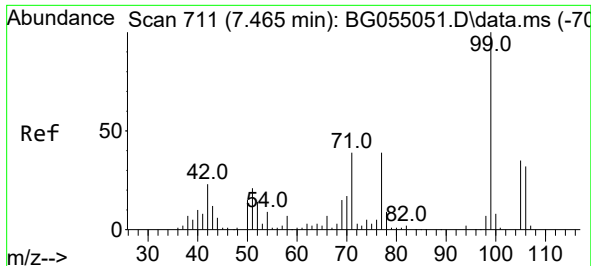
Tgt Ion:152 Resp: 29381
Ion Ratio Lower Upper
152 100
150 159.3 128.0 192.0
115 58.9 47.7 71.5



#5
2-Fluorophenol
Concen: 74.711 ng
RT: 5.858 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

Tgt Ion:112 Resp: 98827
Ion Ratio Lower Upper
112 100
64 63.5 54.5 81.7
63 35.9 30.5 45.7

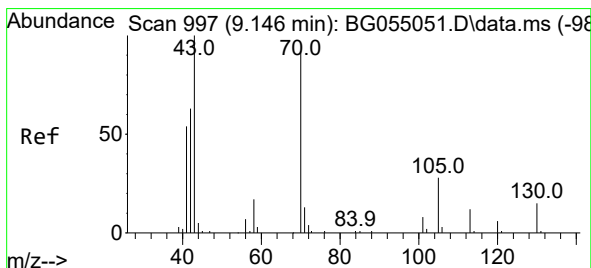
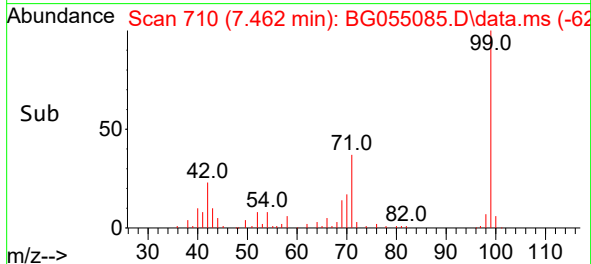
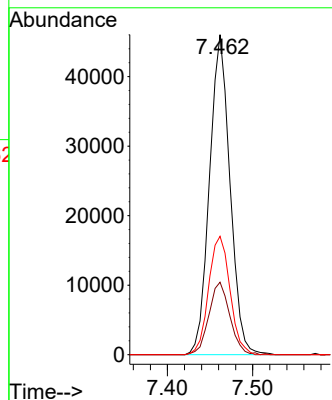
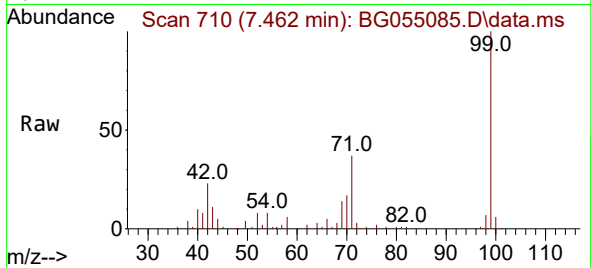




#7
Phenol-d6
Concen: 38.812 ng
RT: 7.462 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

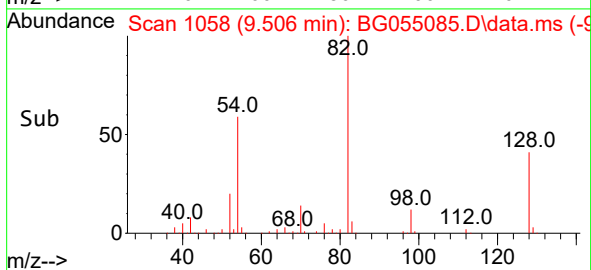
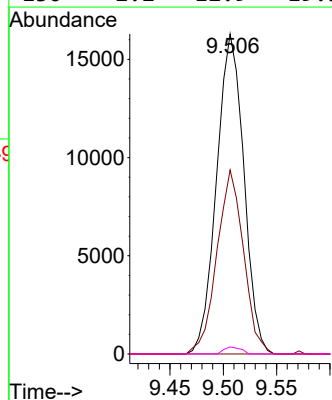
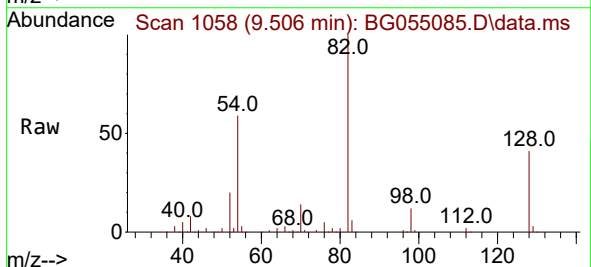
Instrument :
BNA_G
ClientSampleId :
006-3

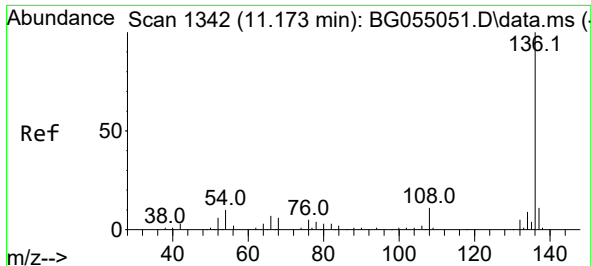
Tgt Ion: 99 Resp: 76923
Ion Ratio Lower Upper
99 100
42 22.6 18.6 28.0
71 37.0 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.047 ng
RT: 9.506 min Scan# 1058
Delta R.T. 0.361 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

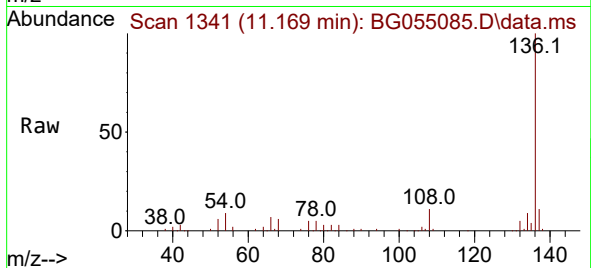
Tgt Ion: 70 Resp: 28889
Ion Ratio Lower Upper
70 100
42 57.5 55.8 83.6
101 0.0 7.1 10.7#
130 2.2 12.9 19.3#



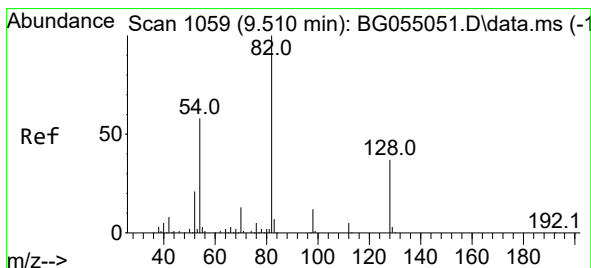
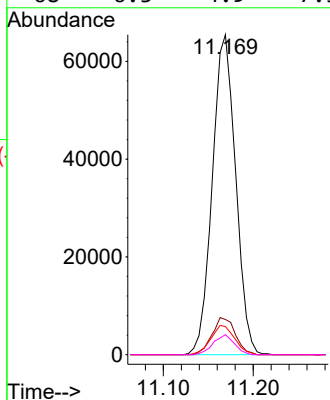
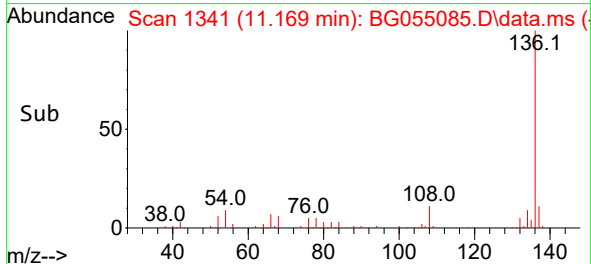


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

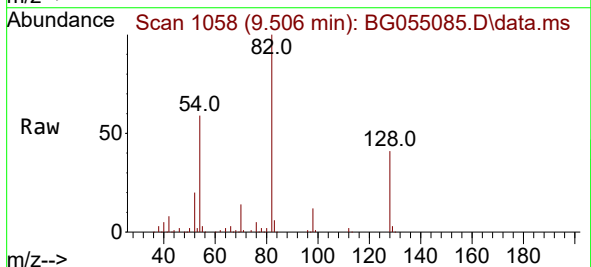
Instrument :
BNA_G
ClientSampleId :
006-3



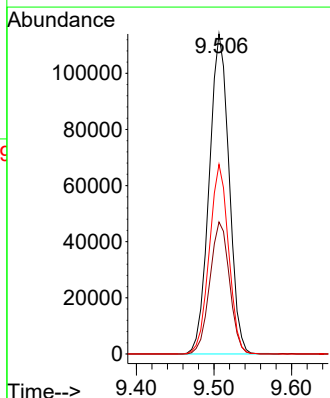
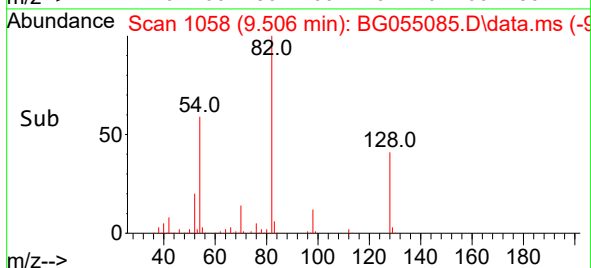
Tgt Ion:136 Resp: 118012
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.8 8.2 12.4
68 6.3 4.9 7.3

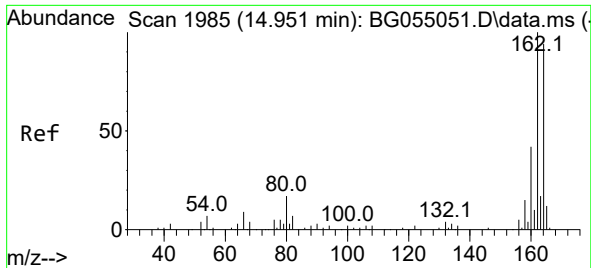


#23
Nitrobenzene-d5
Concen: 102.760 ng
RT: 9.506 min Scan# 1058
Delta R.T. -0.004 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51



Tgt Ion: 82 Resp: 202948
Ion Ratio Lower Upper
82 100
128 41.2 29.5 44.3
54 59.3 46.7 70.1

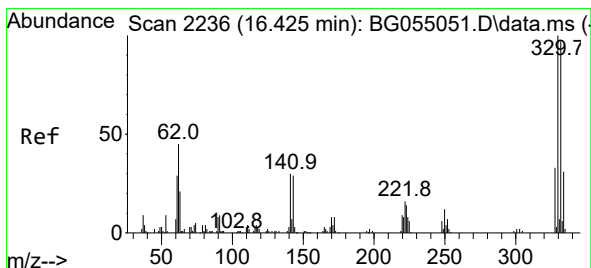
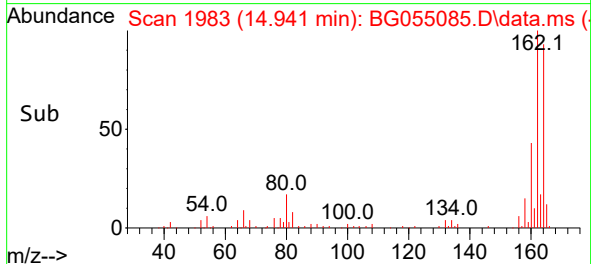
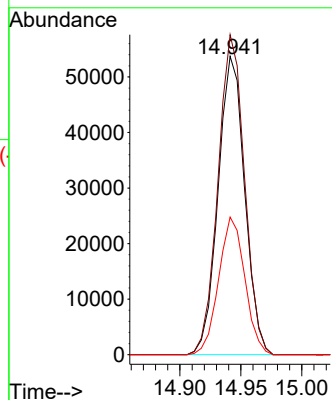
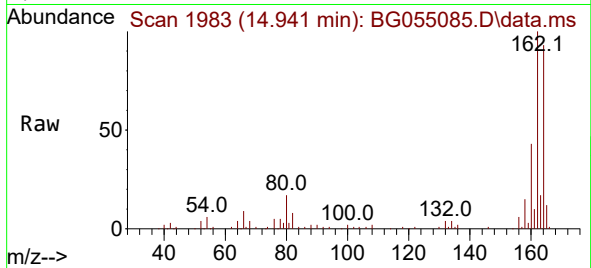




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

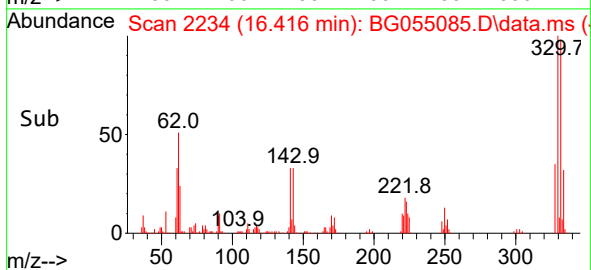
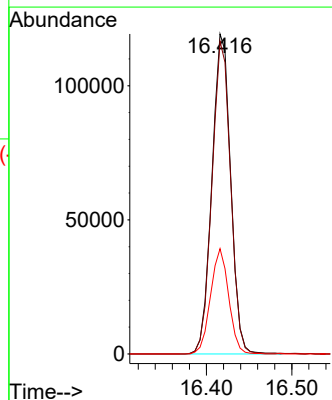
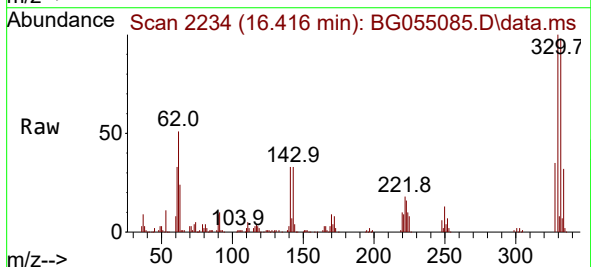
Instrument :
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ClientSampleId :
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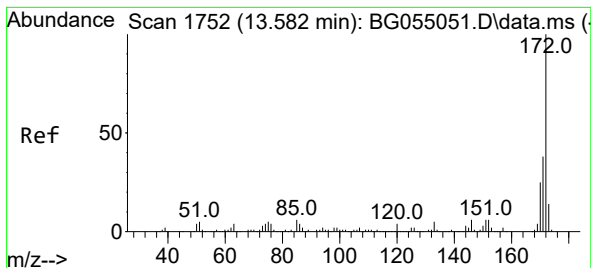
Tgt Ion:164 Resp: 81599
Ion Ratio Lower Upper
164 100
162 107.2 85.5 128.3
160 46.1 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 210.450 ng
RT: 16.416 min Scan# 2234
Delta R.T. -0.009 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

Tgt Ion:330 Resp: 181924
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 31.8 25.0 37.4

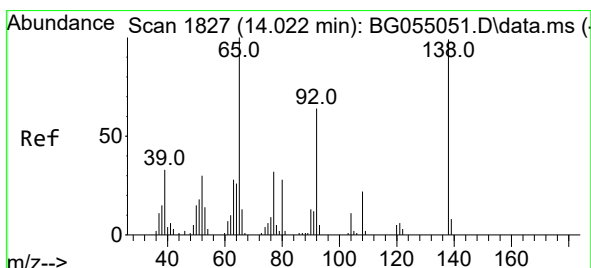
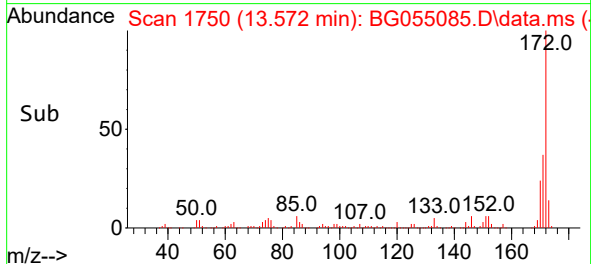
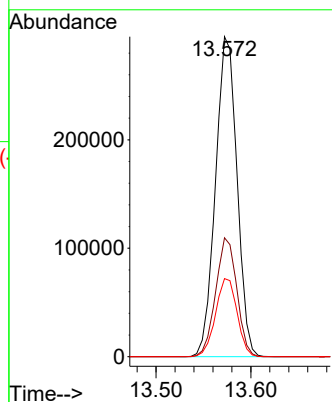
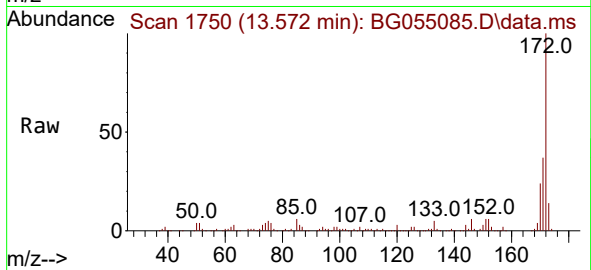




#45
2-Fluorobiphenyl
Concen: 89.098 ng
RT: 13.572 min Scan# 1750
Delta R.T. -0.010 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

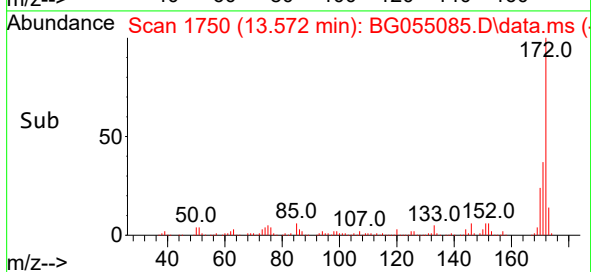
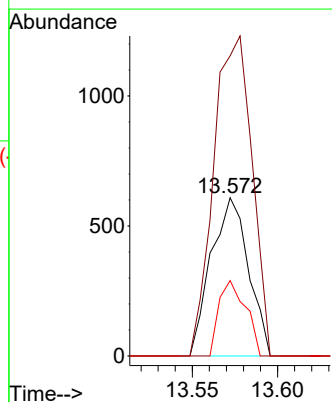
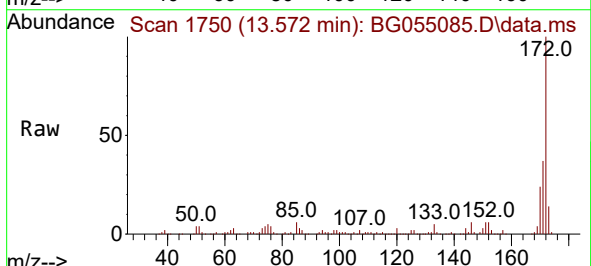
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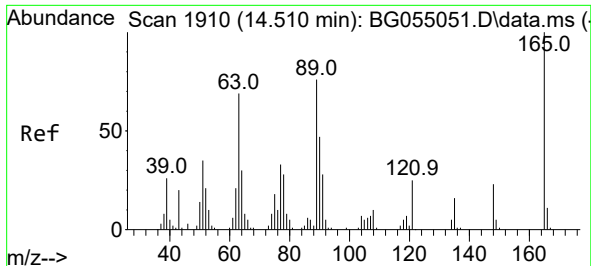
Tgt Ion:172 Resp: 465707
Ion Ratio Lower Upper
172 100
171 37.1 30.1 45.1
170 24.4 20.0 30.0



#48
2-Nitroaniline
Concen: 4.750 ng
RT: 13.572 min Scan# 1750
Delta R.T. -0.450 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

Tgt Ion: 65 Resp: 926
Ion Ratio Lower Upper
65 100
92 189.7 50.9 76.3#
138 47.6 79.5 119.3#

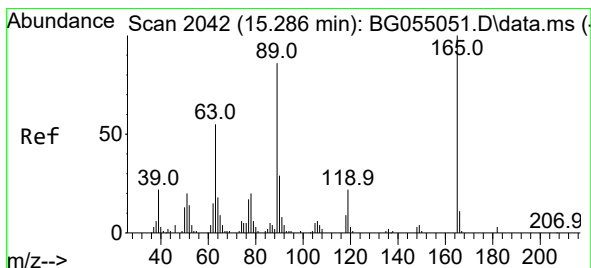
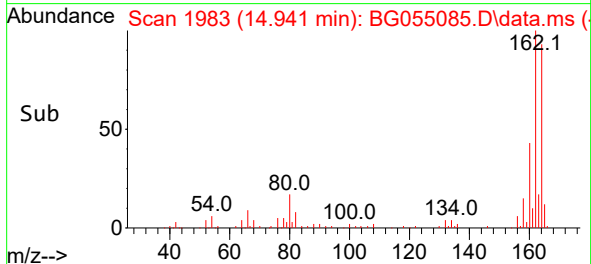
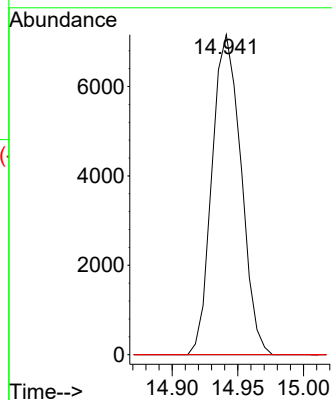
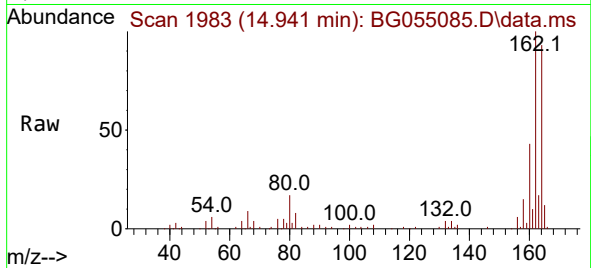




#51
2,6-Dinitrotoluene
Concen: 12.493 ng
RT: 14.941 min Scan# 1910
Delta R.T. 0.431 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

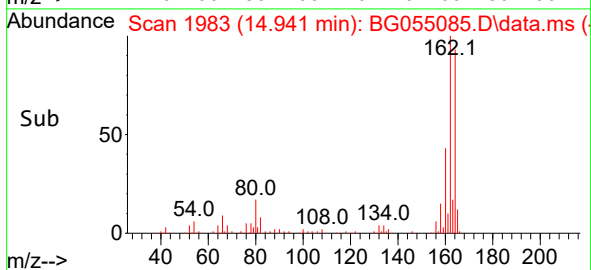
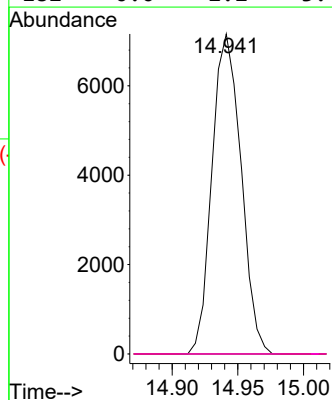
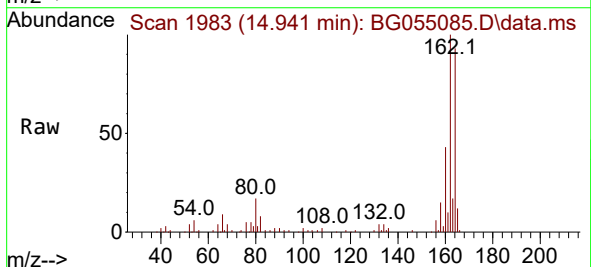
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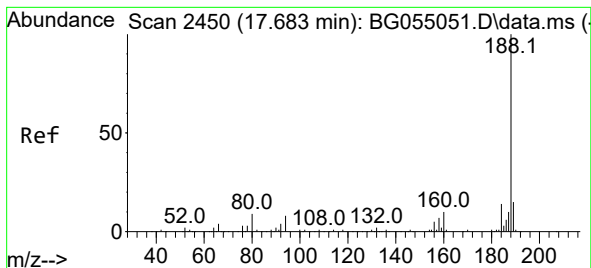
Tgt Ion:165 Resp: 11001
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 10.174 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.345 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

Tgt Ion:165 Resp: 11001
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 0.0 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.673 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG055085.D

Acq: 6 Oct 2022 16:51

Instrument :

BNA_G

ClientSampleId :

006-3

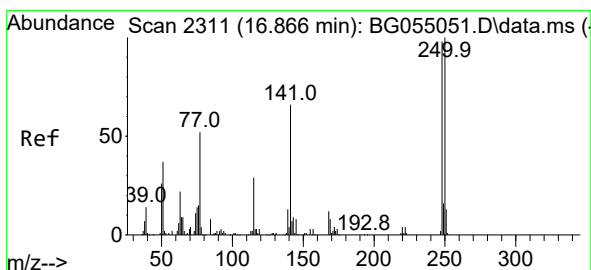
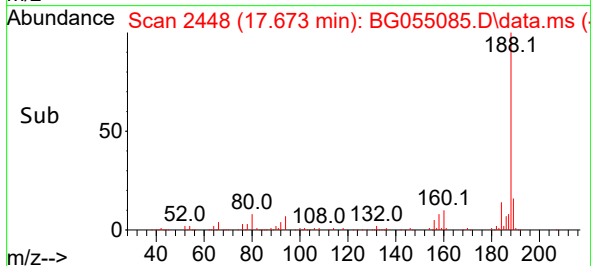
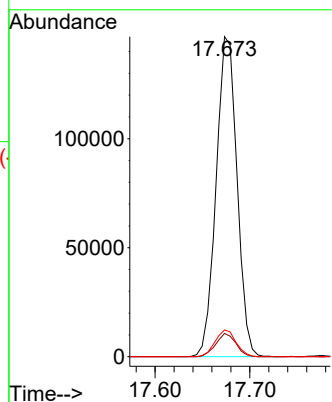
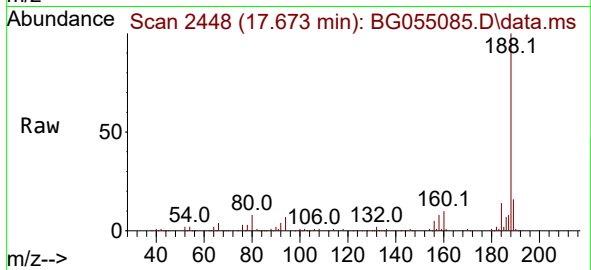
Tgt Ion:188 Resp: 224923

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.2

80 8.4 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.846 ng

RT: 16.416 min Scan# 2234

Delta R.T. -0.450 min

Lab File: BG055085.D

Acq: 6 Oct 2022 16:51

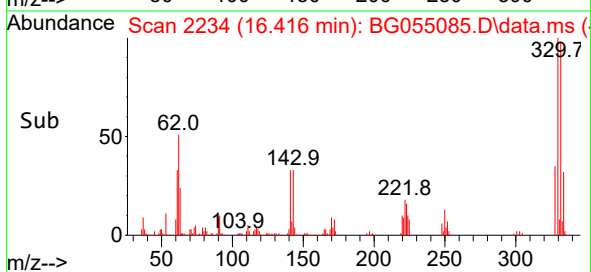
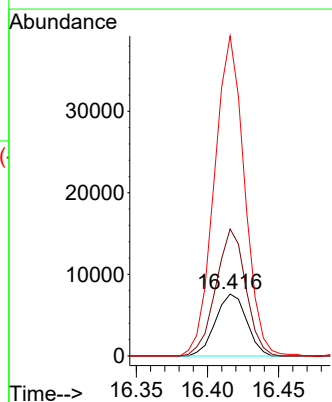
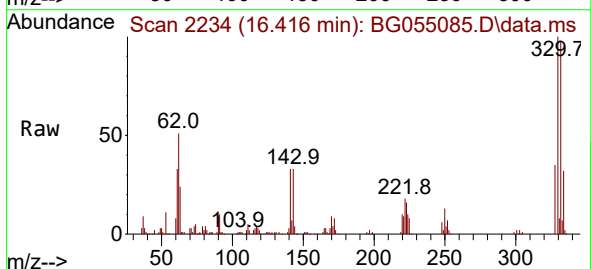
Tgt Ion:248 Resp: 11527

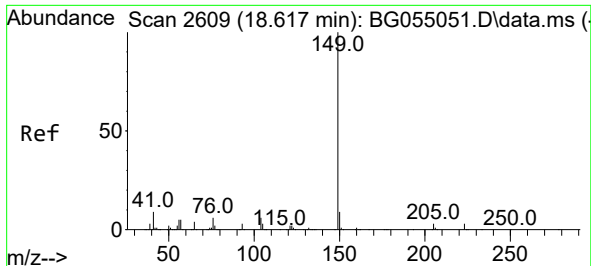
Ion Ratio Lower Upper

248 100

250 205.4 81.7 122.5#

141 517.2 53.7 80.5#

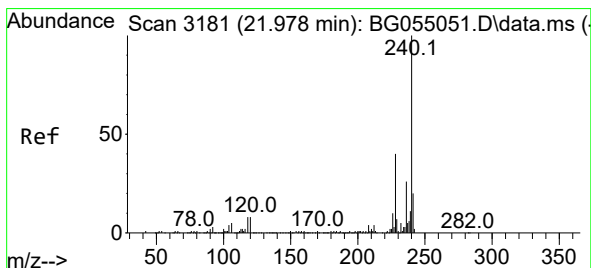
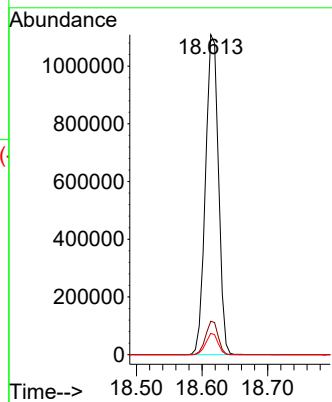
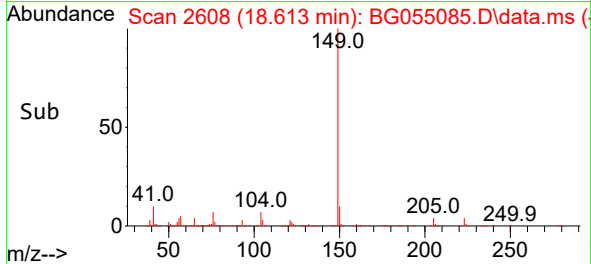
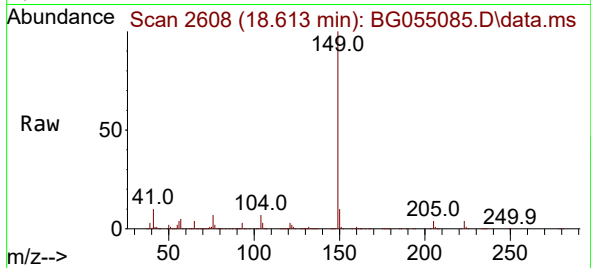




#74
Di-n-butylphthalate
Concen: 145.184 ng
RT: 18.613 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

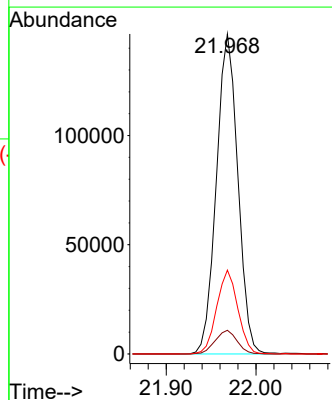
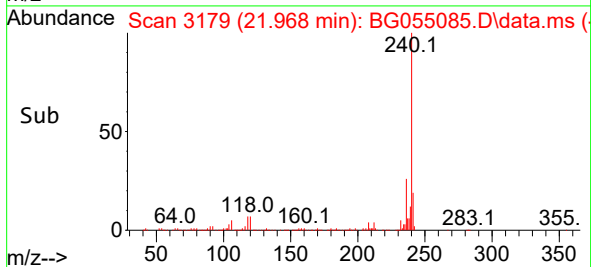
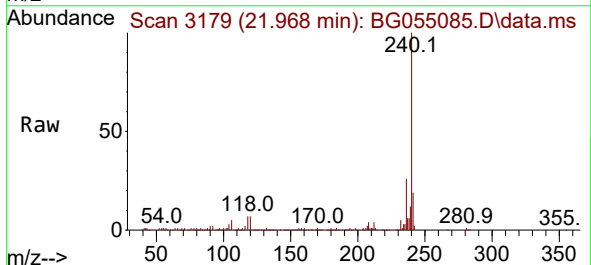
Instrument :
BNA_G
ClientSampleId :
006-3

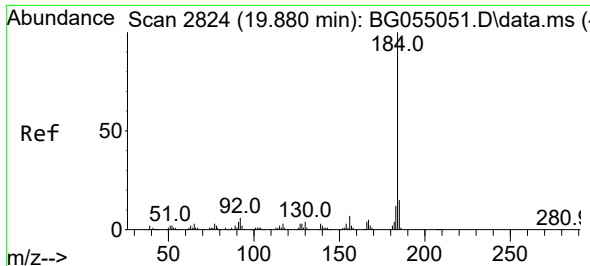
Tgt Ion:149 Resp: 1528636
Ion Ratio Lower Upper
149 100
150 10.4 7.5 11.3
104 6.7 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.968 min Scan# 3179
Delta R.T. -0.009 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

Tgt Ion:240 Resp: 243027
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 26.2 20.6 30.8

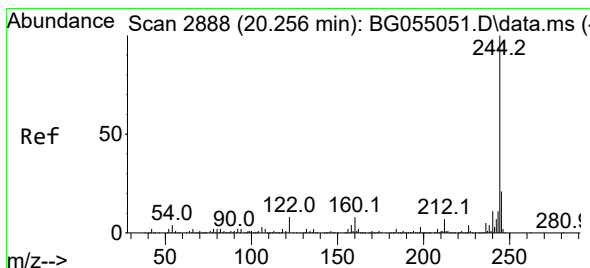
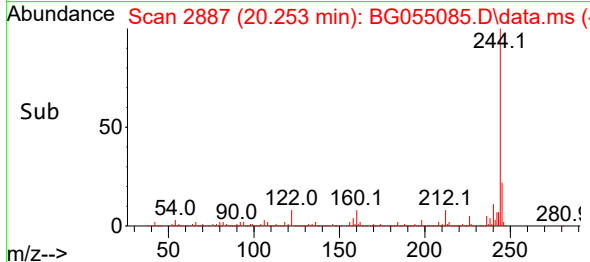
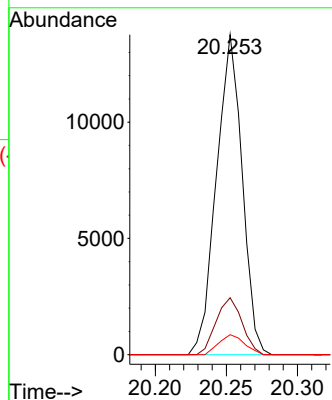
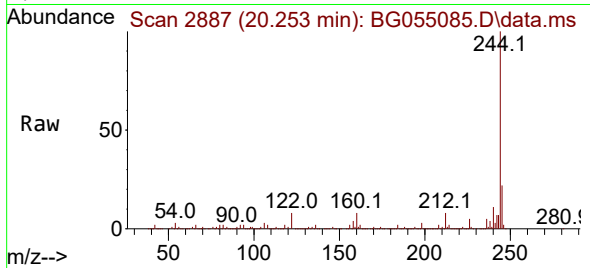




#77
Benzidine
Concen: 4.133 ng
RT: 20.253 min Scan# 2887
Delta R.T. 0.373 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

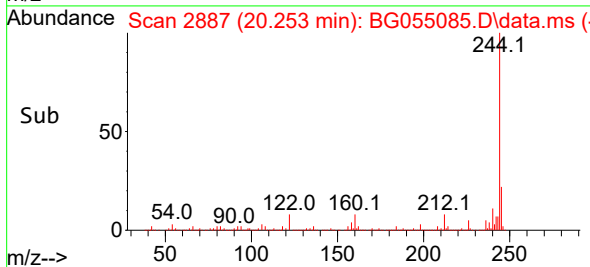
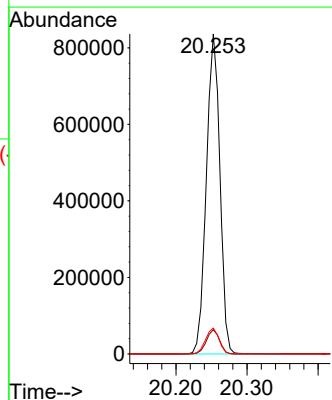
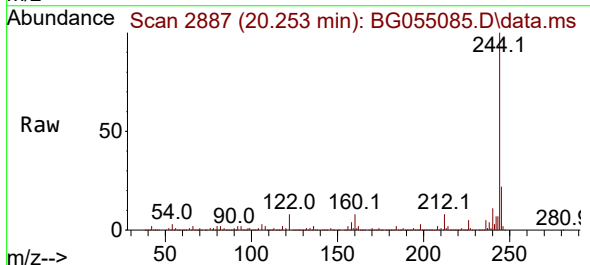
Instrument :
BNA_G
ClientSampleId :
006-3

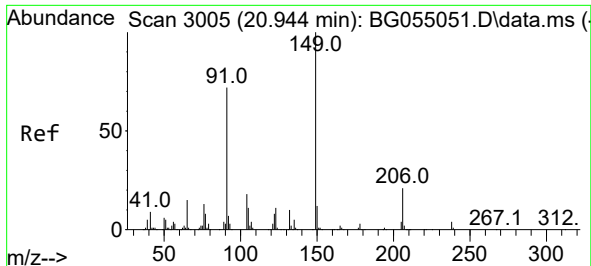
Tgt Ion:184 Resp: 17302
Ion Ratio Lower Upper
184 100
185 17.8 12.2 18.4
183 6.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.336 ng
RT: 20.253 min Scan# 2887
Delta R.T. -0.003 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

Tgt Ion:244 Resp: 1110242
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 8.1 6.6 10.0

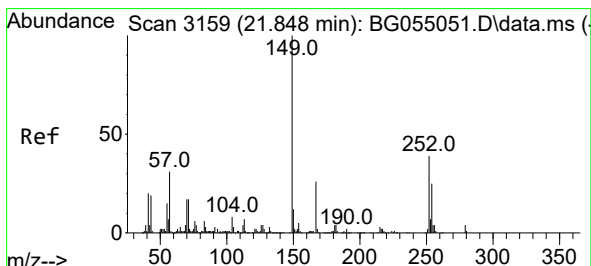
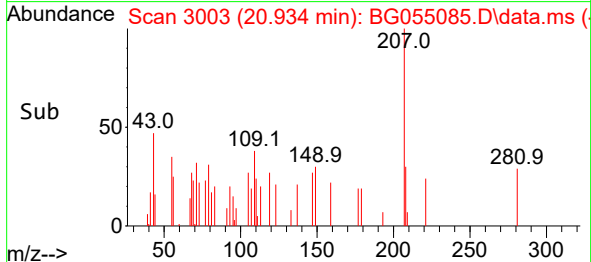
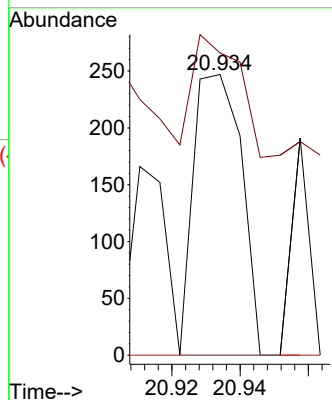
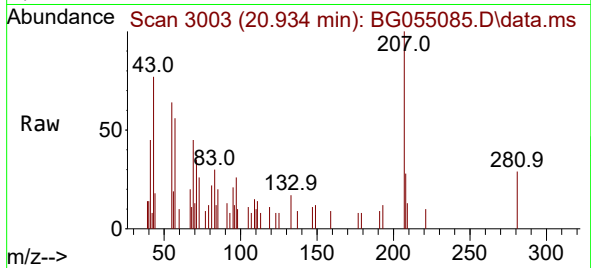




#80
 Butylbenzylphthalate
 Concen: 4.881 ng
 RT: 20.934 min Scan# 3005
 Delta R.T. -0.010 min
 Lab File: BG055085.D
 Acq: 6 Oct 2022 16:51

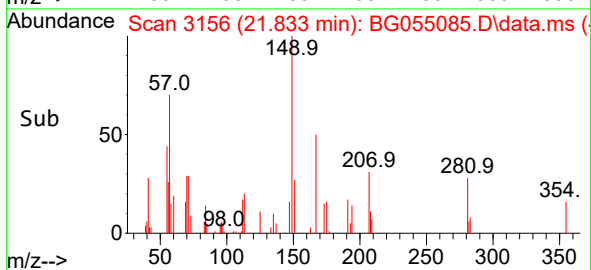
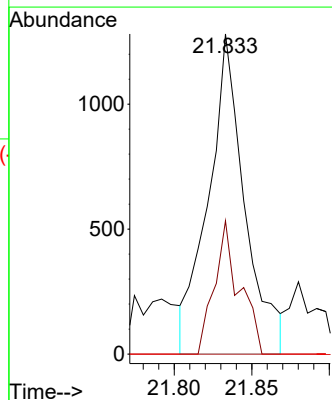
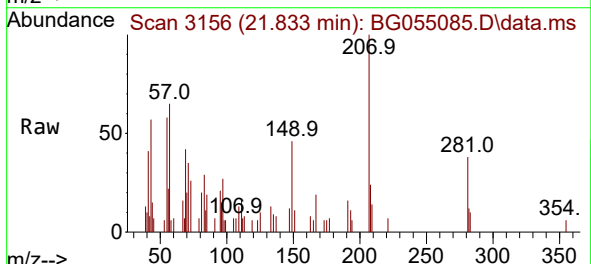
Instrument :
 BNA_G
 ClientSampleId :
 006-3

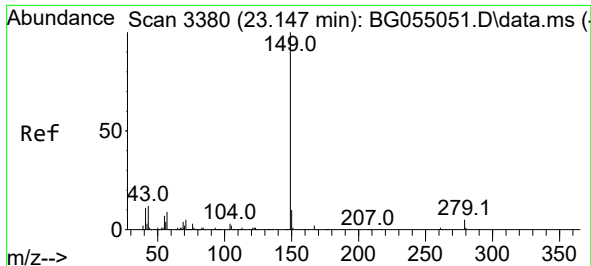
Tgt Ion:149	Resp:	241
Ion	Ratio	Lower Upper
149	100	
91	107.7	57.8 86.8#
206	0.0	16.9 25.3#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.352 ng
 RT: 21.833 min Scan# 3156
 Delta R.T. -0.015 min
 Lab File: BG055085.D
 Acq: 6 Oct 2022 16:51

Tgt Ion:149	Resp:	2079
Ion	Ratio	Lower Upper
149	100	
167	41.6	21.0 31.4#
279	0.0	3.4 5.2#

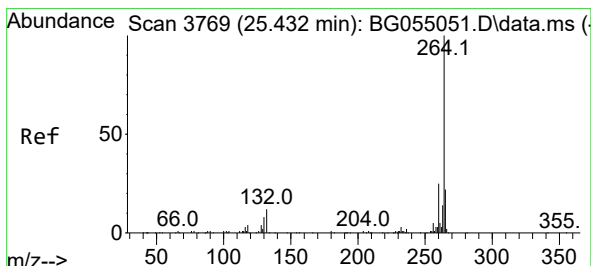
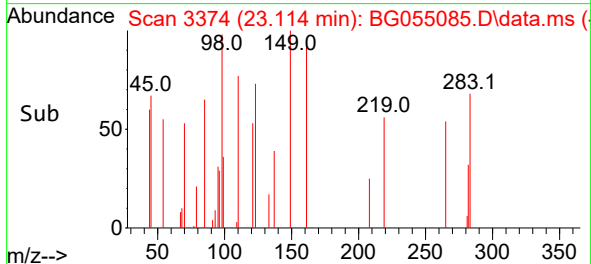
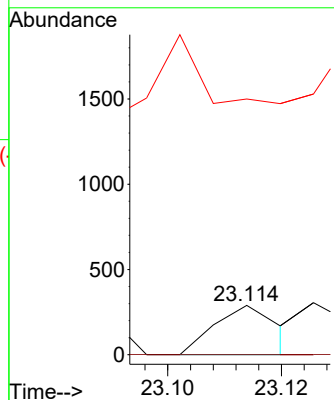
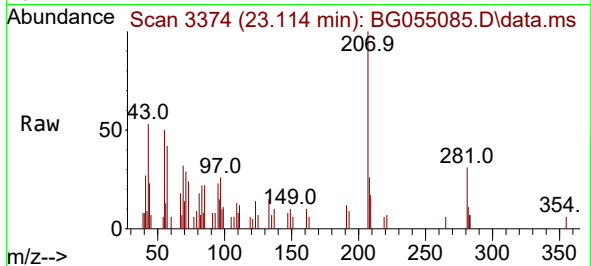




#85
Di-n-octyl phthalate
Concen: 4.357 ng
RT: 23.114 min Scan# 3114
Delta R.T. -0.033 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

Instrument :
BNA_G
ClientSampleId :
006-3

Tgt Ion:149 Resp: 223
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 135.4 10.2 15.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.417 min Scan# 3766
Delta R.T. -0.015 min
Lab File: BG055085.D
Acq: 6 Oct 2022 16:51

Tgt Ion:264 Resp: 256205
Ion Ratio Lower Upper
264 100
260 23.9 19.7 29.5
265 21.6 17.8 26.6

