

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053555.D
 Acq On : 13 May 2022 23:00
 Operator : CG/JU
 Sample : N2823-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-3

Quant Time: May 14 03:15:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

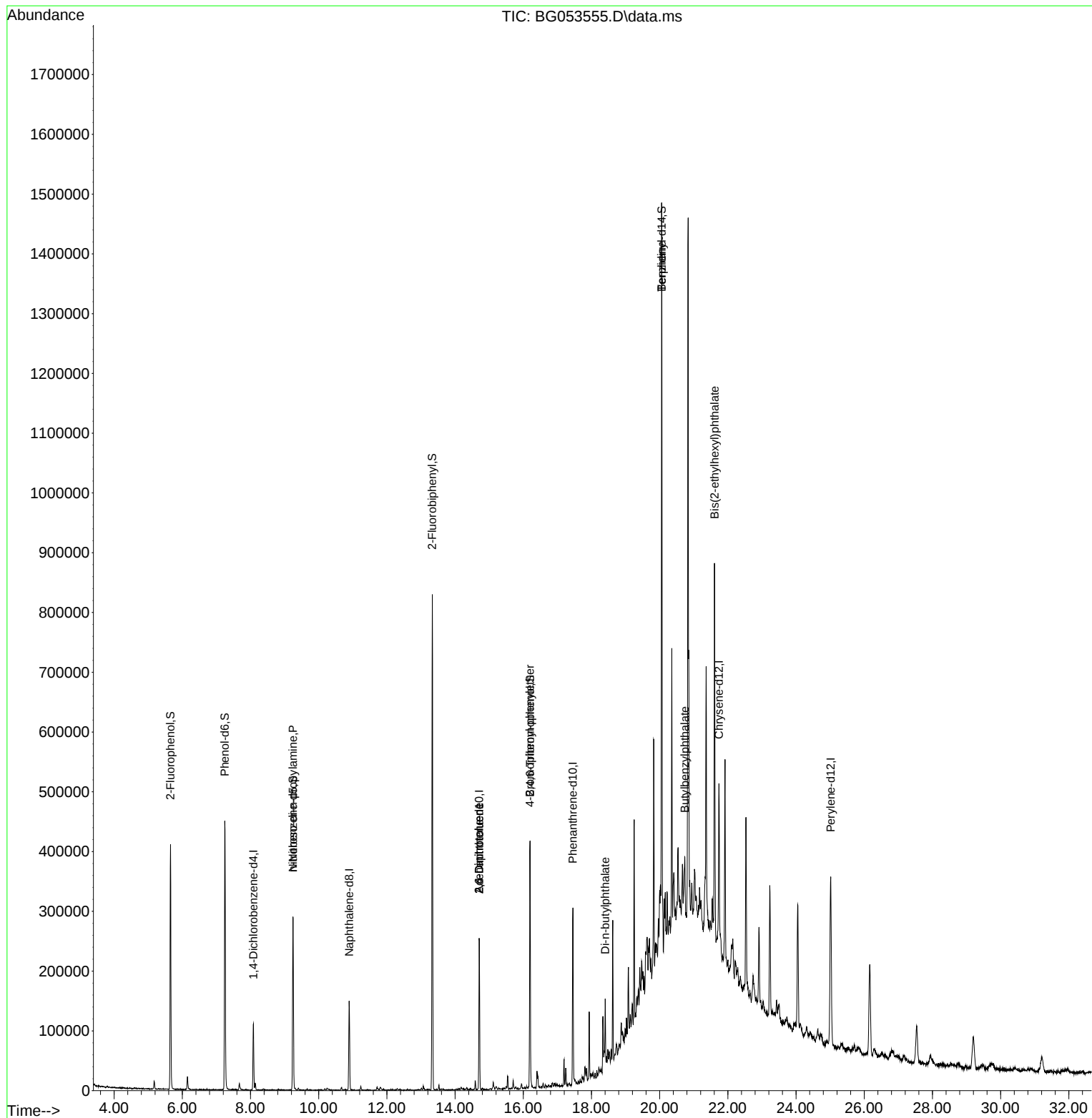
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	31262	20.000	ng	0.00
21) Naphthalene-d8	10.894	136	125251	20.000	ng	0.00
39) Acenaphthene-d10	14.707	164	90616	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	191291	20.000	ng	0.00
76) Chrysene-d12	21.738	240	166933	20.000	ng	0.00
86) Perylene-d12	25.016	264	178495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	167203	90.770	ng	0.00
7) Phenol-d6	7.246	99	255971	91.562	ng	0.00
23) Nitrobenzene-d5	9.244	82	190441	64.724	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	81765	61.179	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	430753	69.464	ng	0.00
79) Terphenyl-d14	20.058	244	603040	67.281	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.244	70	27079	13.500	ng	# 76
51) 2,6-Dinitrotoluene	14.707	165	11839	8.439	ng	# 19
57) 2,4-Dinitrotoluene	14.707	165	11839	5.822	ng	# 24
67) 4-Bromophenyl-phenylether	16.193	248	5521	2.471	ng	# 1
74) Di-n-butylphthalate	18.402	149	77609	7.365	ng	99
77) Benzidine	20.058	184	13372	3.716	ng	98
80) Butylbenzylphthalate	20.740	149	21260	5.365	ng	87
84) Bis(2-ethylhexyl)phtha...	21.609	149	248826	45.494	ng	99

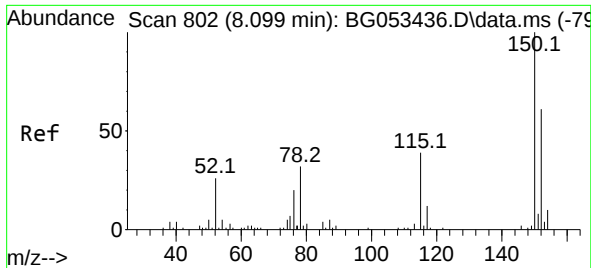
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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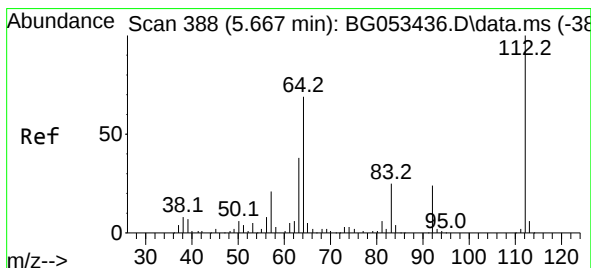
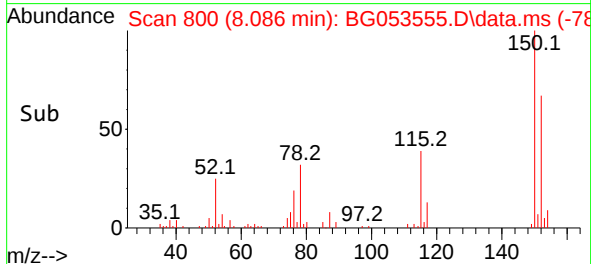
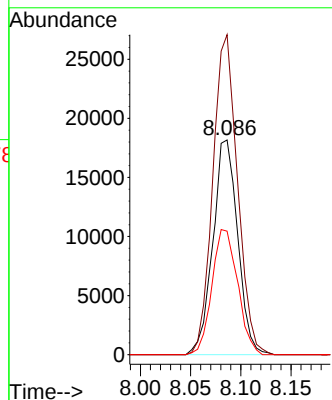
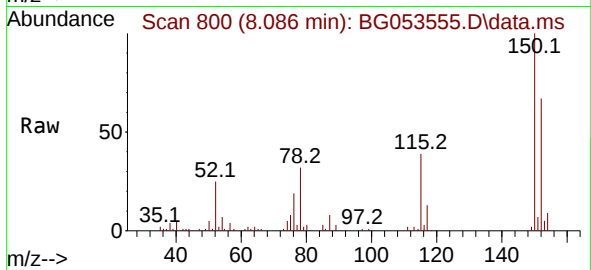




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.086 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

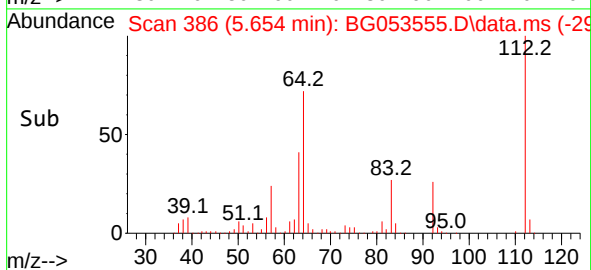
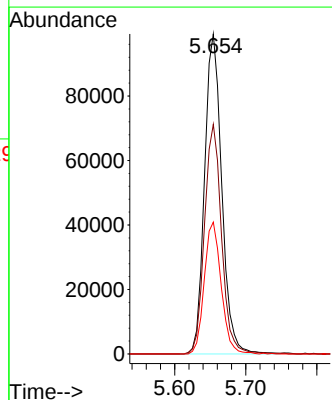
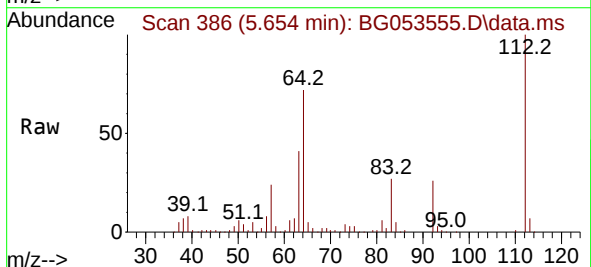
Instrument :
BNA_G
ClientSampleId :
SC-3

Tgt Ion:152 Resp: 31262
Ion Ratio Lower Upper
152 100
150 149.1 131.6 197.4
115 57.5 50.9 76.3



#5
2-Fluorophenol
Concen: 90.770 ng
RT: 5.654 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

Tgt Ion:112 Resp: 167203
Ion Ratio Lower Upper
112 100
64 71.8 55.1 82.7
63 41.2 30.4 45.6

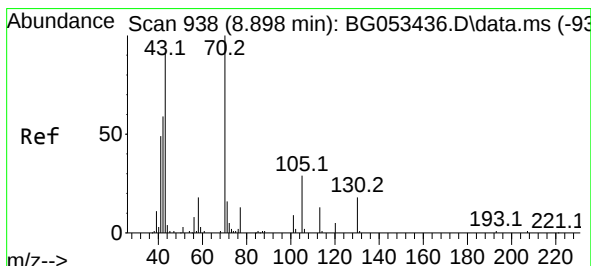
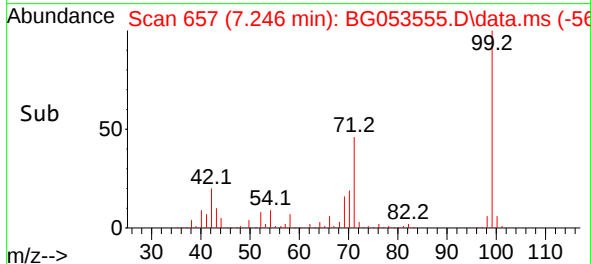
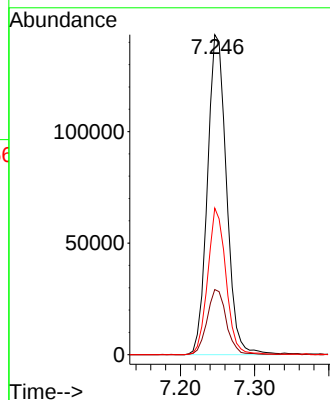
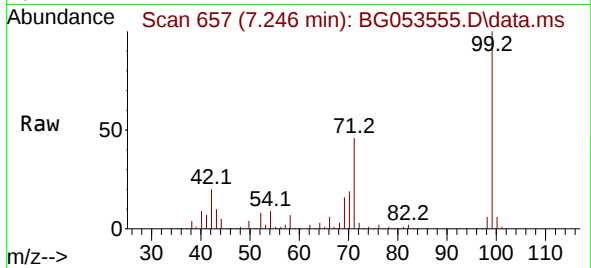




#7
Phenol-d6
Concen: 91.562 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

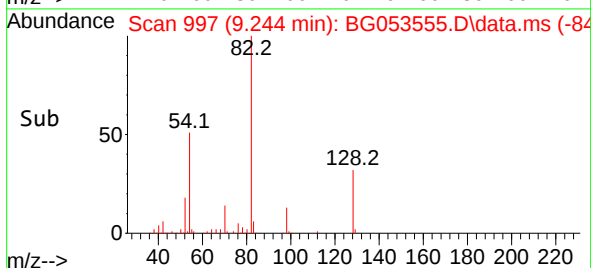
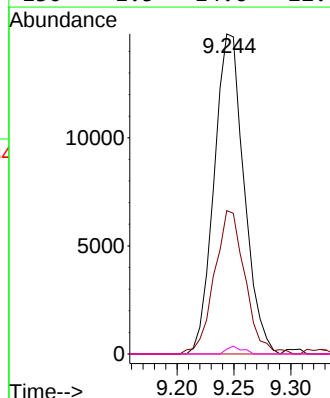
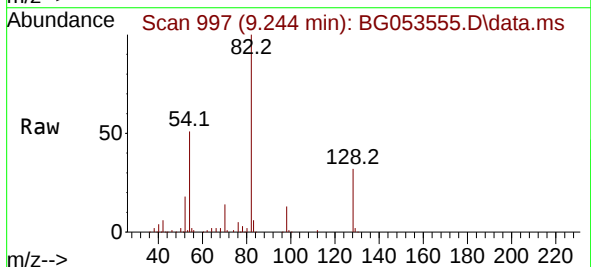
Instrument :
BNA_G
ClientSampleId :
SC-3

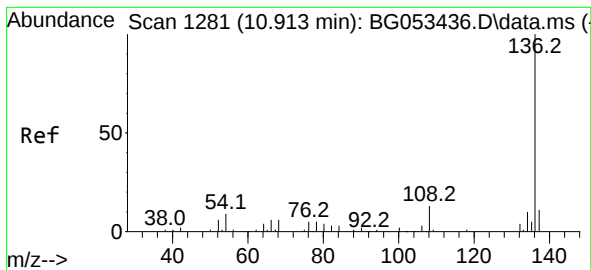
Tgt Ion: 99 Resp: 255971
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 45.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.500 ng
RT: 9.244 min Scan# 997
Delta R.T. 0.355 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

Tgt Ion: 70 Resp: 27079
Ion Ratio Lower Upper
70 100
42 44.8 47.3 70.9#
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.894 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG053555.D

Acq: 13 May 2022 23:00

Instrument :

BNA_G

ClientSampleId :

SC-3

Tgt Ion:136 Resp: 125251

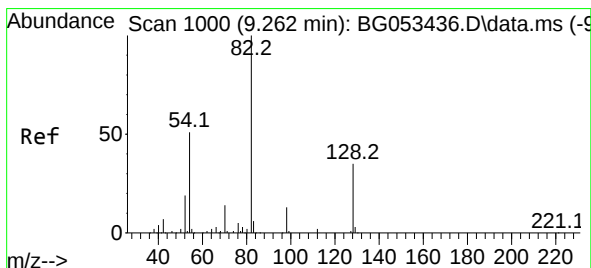
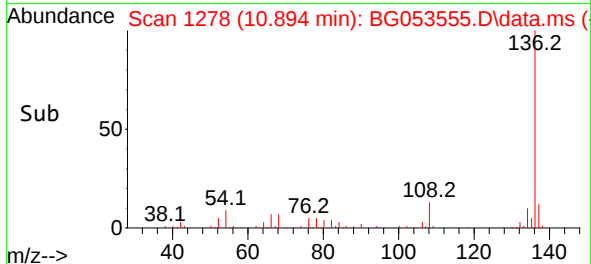
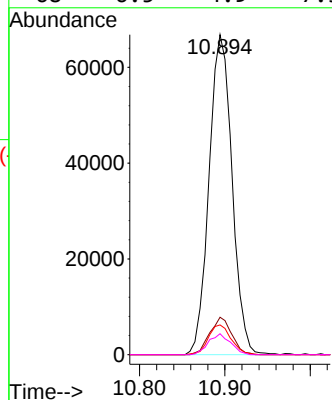
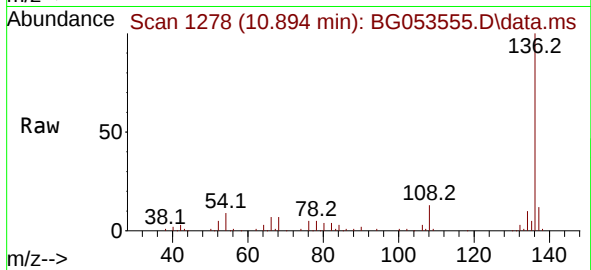
Ion Ratio Lower Upper

136 100

137 11.7 8.5 12.7

54 9.3 7.4 11.2

68 6.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 64.724 ng

RT: 9.244 min Scan# 997

Delta R.T. -0.009 min

Lab File: BG053555.D

Acq: 13 May 2022 23:00

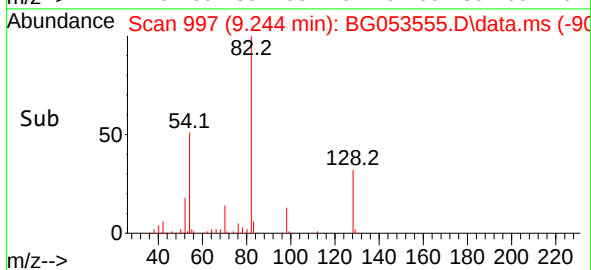
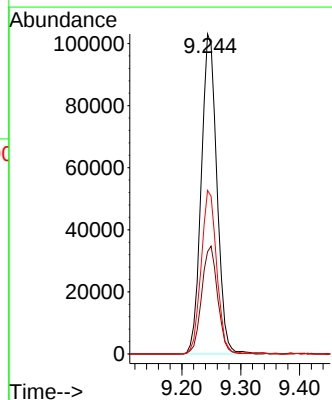
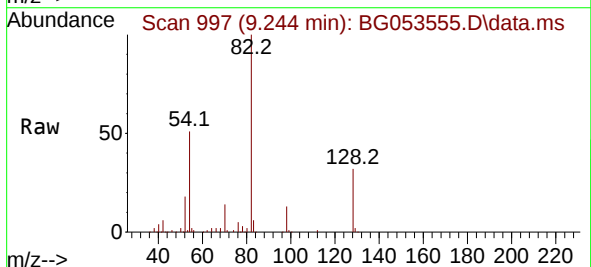
Tgt Ion: 82 Resp: 190441

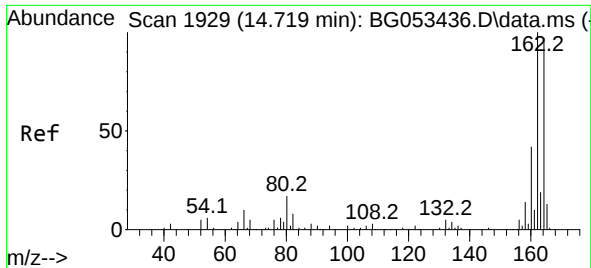
Ion Ratio Lower Upper

82 100

128 32.0 27.9 41.9

54 51.1 41.2 61.8

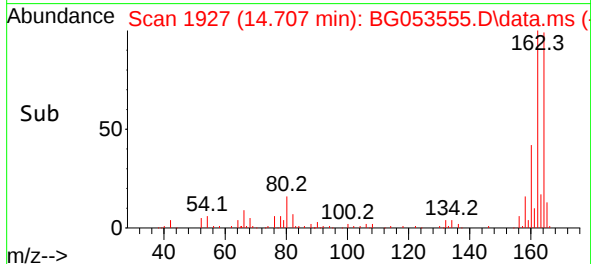
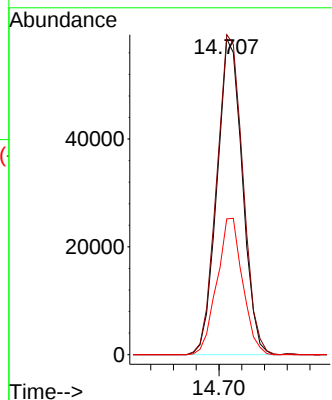
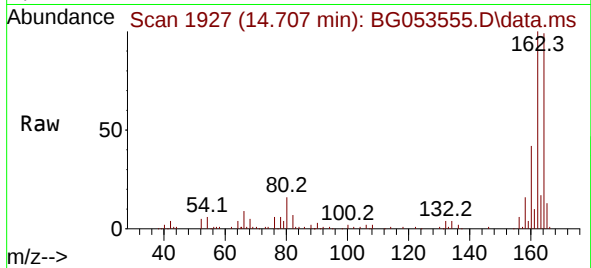




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

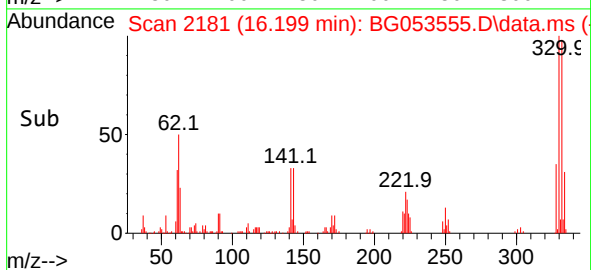
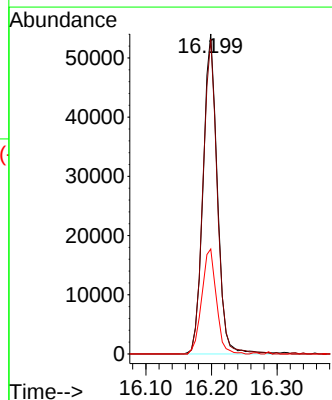
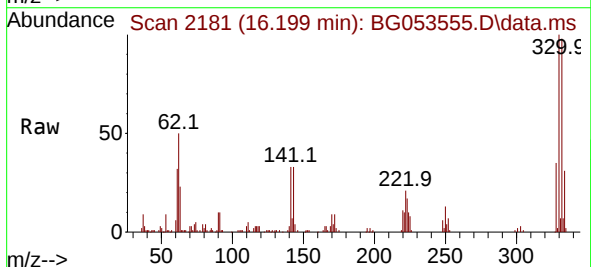
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Tgt Ion:164 Resp: 90616
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 43.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 61.179 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

Tgt Ion:330 Resp: 81765
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 33.5 27.1 40.7

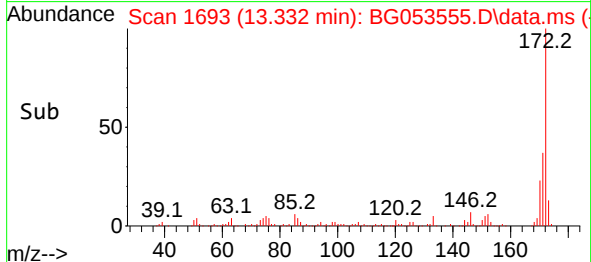
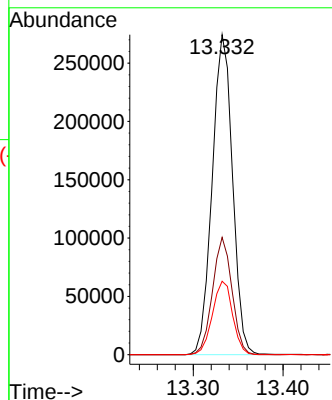
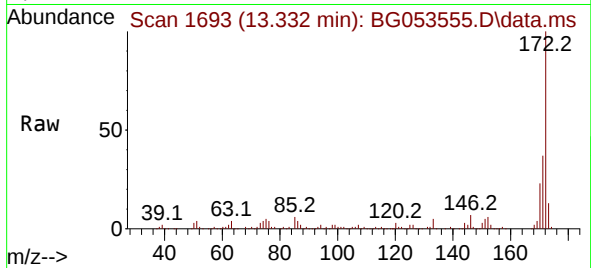




#45
2-Fluorobiphenyl
Concen: 69.464 ng
RT: 13.332 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

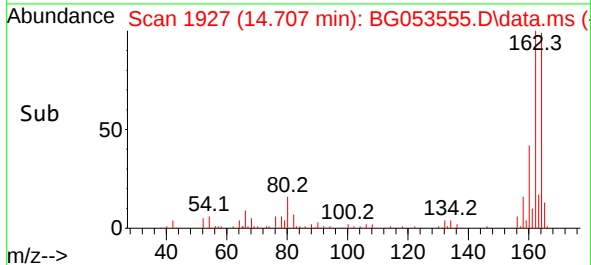
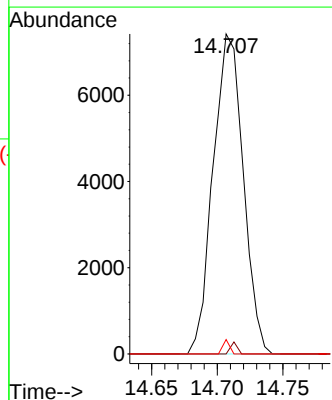
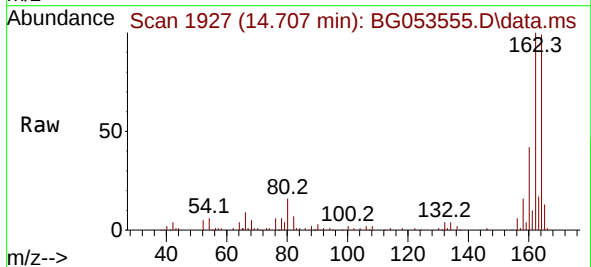
Instrument :
BNA_G
ClientSampleId :
SC-3

Tgt Ion:172 Resp: 430753
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 22.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.439 ng
RT: 14.707 min Scan# 1927
Delta R.T. 0.426 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

Tgt Ion:165 Resp: 11839
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 4.5 54.8 82.2#

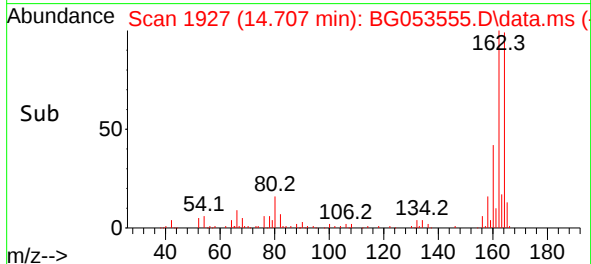
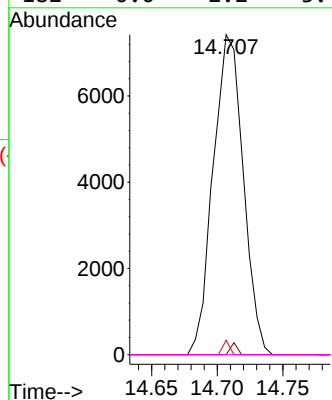
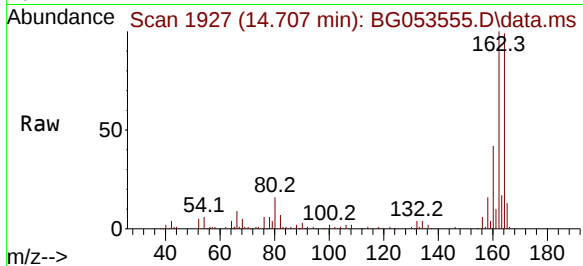




#57
2,4-Dinitrotoluene
Concen: 5.822 ng
RT: 14.707 min Scan# 1991
Delta R.T. -0.367 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

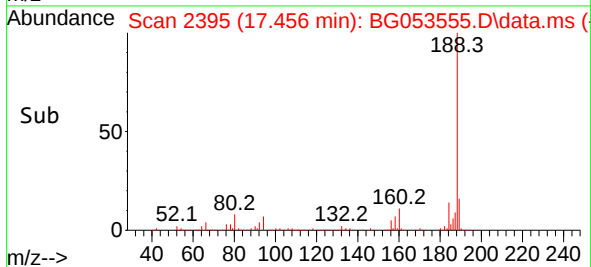
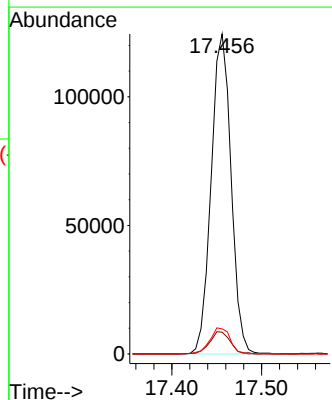
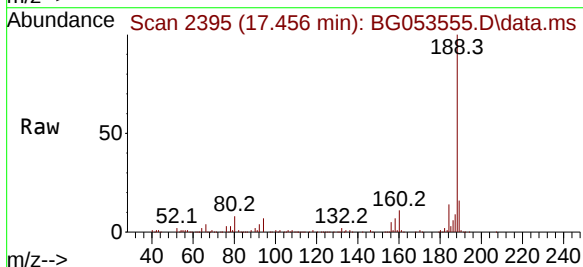
Instrument :
BNA_G
ClientSampleId :
SC-3

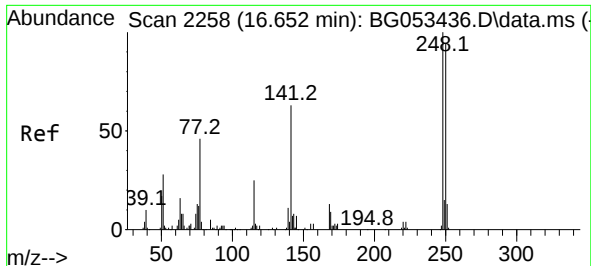
Tgt Ion:165	Resp:	11839
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.6
89	4.5	60.3
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 2395
Delta R.T. -0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

Tgt Ion:188	Resp:	191291
Ion Ratio	Lower	Upper
188	100	
94	6.8	5.4
80	7.8	6.8

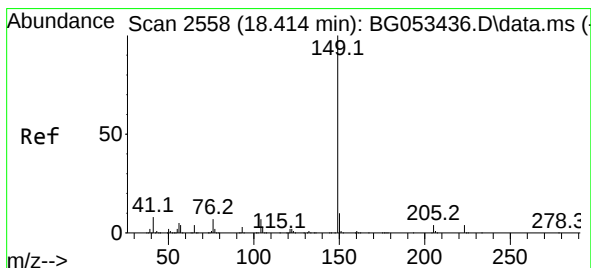
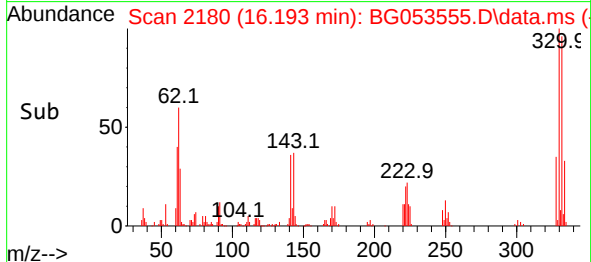
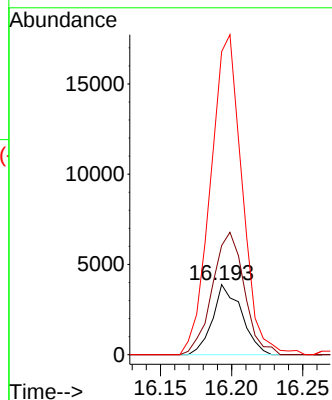
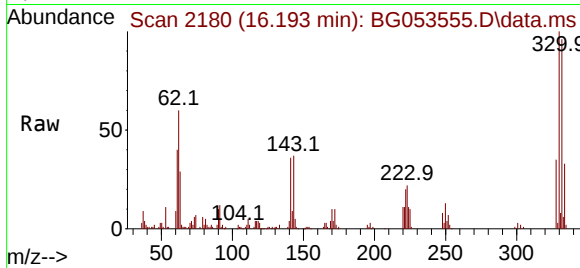




#67
4-Bromophenyl-phenylether
Concen: 2.471 ng
RT: 16.193 min Scan# 2180
Delta R.T. -0.450 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

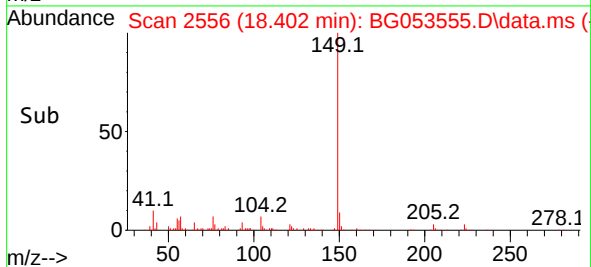
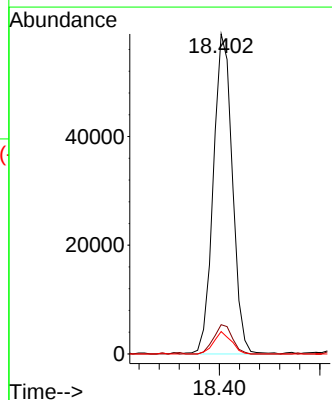
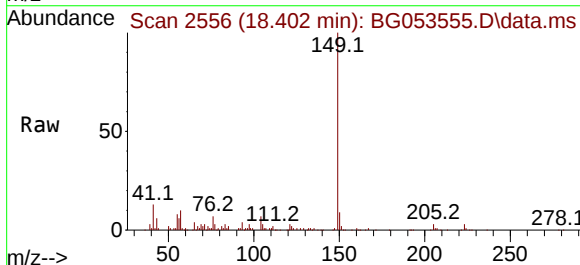
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BNA_G
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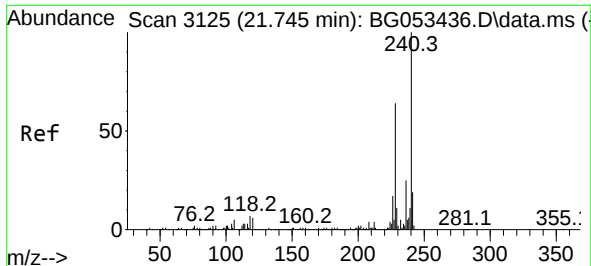
Tgt Ion:248 Resp: 5521
Ion Ratio Lower Upper
248 100
250 155.5 75.2 112.8#
141 432.2 50.0 75.0#



#74
Di-n-butylphthalate
Concen: 7.365 ng
RT: 18.402 min Scan# 2556
Delta R.T. -0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

Tgt Ion:149 Resp: 77609
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 7.0 5.4 8.0

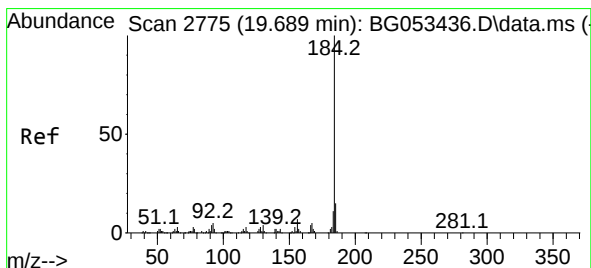
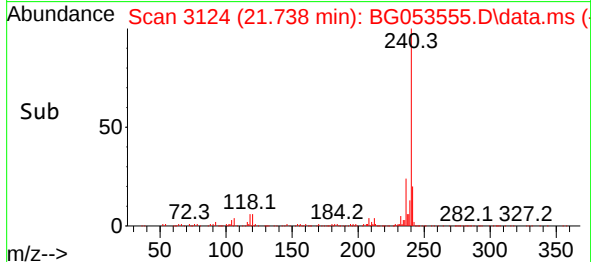
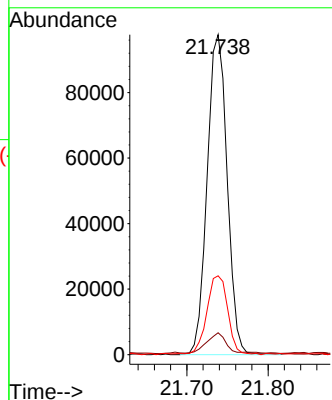
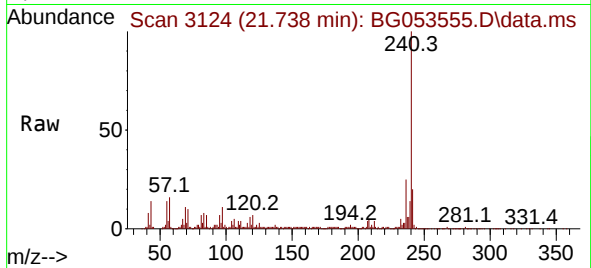




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

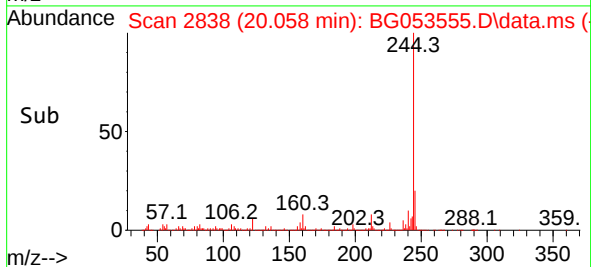
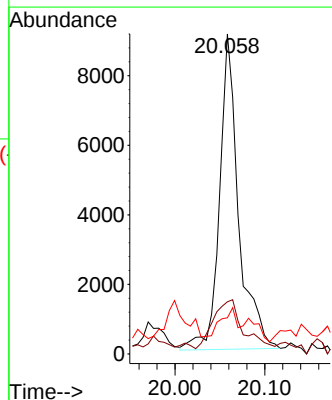
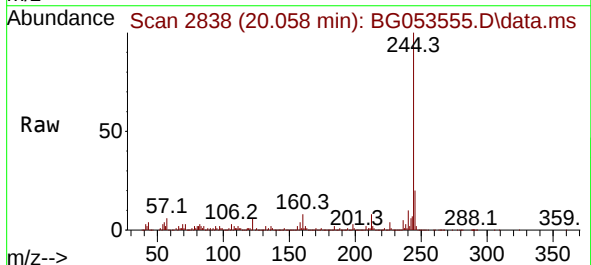
Instrument :
BNA_G
ClientSampleId :
SC-3

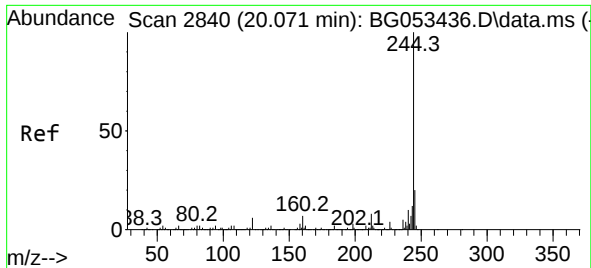
Tgt Ion:240 Resp: 166933
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 24.7 20.2 30.4



#77
Benzidine
Concen: 3.716 ng
RT: 20.058 min Scan# 2838
Delta R.T. 0.379 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

Tgt Ion:184 Resp: 13372
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 11.3 8.9 13.3

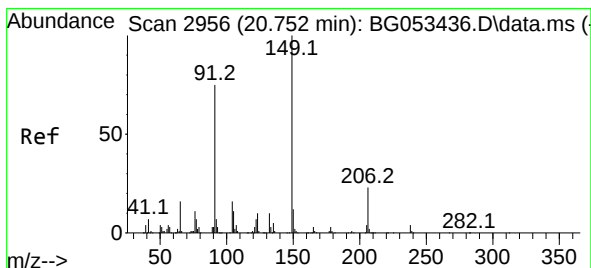
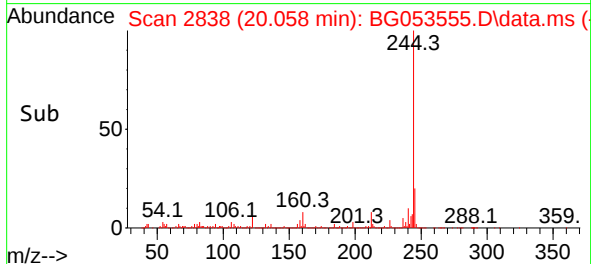
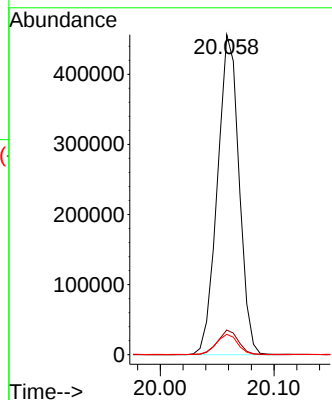
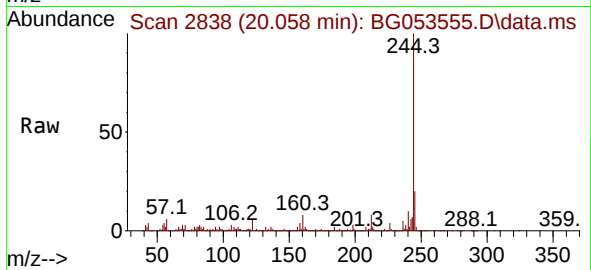




#79
 Terphenyl-d14
 Concen: 67.281 ng
 RT: 20.058 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053555.D
 Acq: 13 May 2022 23:00

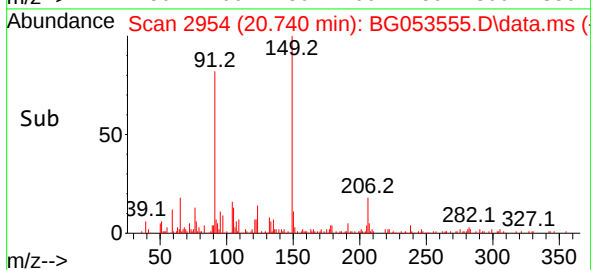
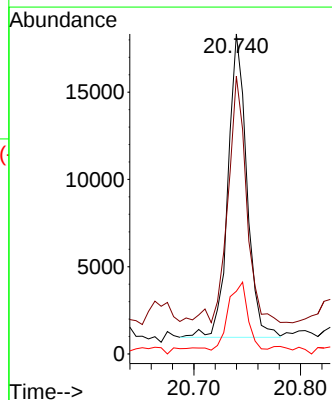
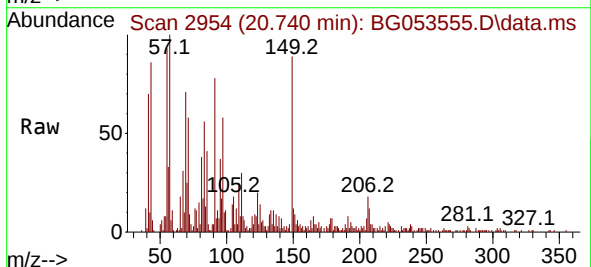
Instrument :
 BNA_G
 ClientSampleId :
 SC-3

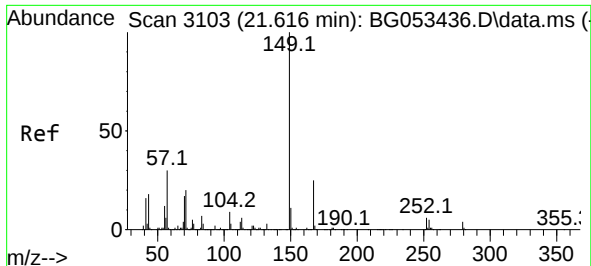
Tgt Ion:244 Resp: 603040
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.3 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 5.365 ng
 RT: 20.740 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: BG053555.D
 Acq: 13 May 2022 23:00

Tgt Ion:149 Resp: 21260
 Ion Ratio Lower Upper
 149 100
 91 86.8 59.6 89.4
 206 19.6 18.6 28.0

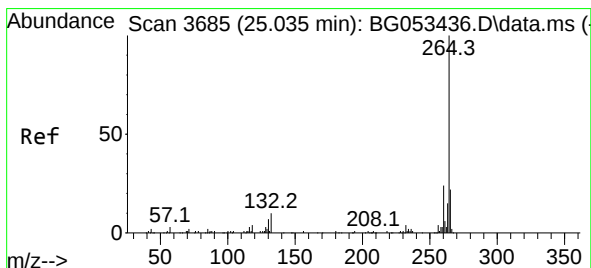
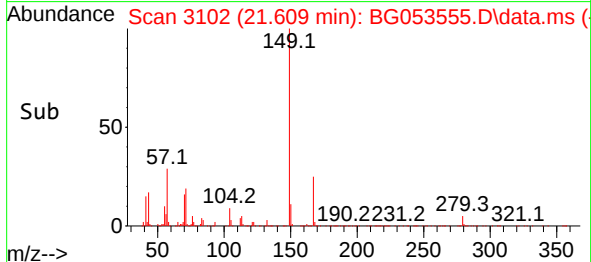
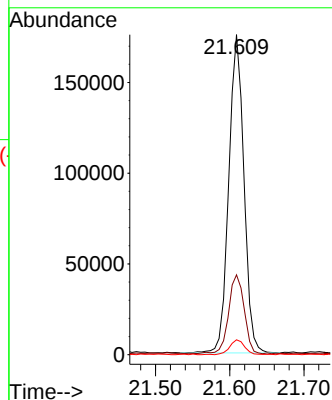
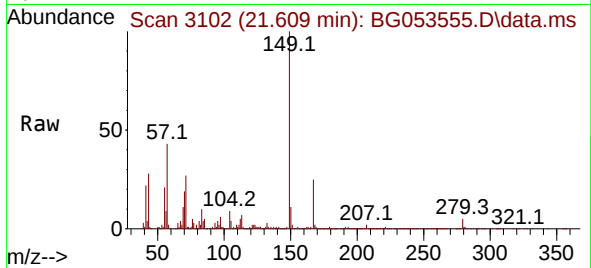




#84
Bis(2-ethylhexyl)phthalate
Concen: 45.494 ng
RT: 21.609 min Scan# 3103
Delta R.T. 0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

Instrument :
BNA_G
ClientSampleId :
SC-3

Tgt Ion:149 Resp: 248826
Ion Ratio Lower Upper
149 100
167 24.9 20.2 30.4
279 4.6 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3682
Delta R.T. -0.003 min
Lab File: BG053555.D
Acq: 13 May 2022 23:00

Tgt Ion:264 Resp: 178495
Ion Ratio Lower Upper
264 100
260 21.9 19.0 28.6
265 20.6 17.4 26.2

