

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
 Data File : BG055654.D
 Acq On : 16 Nov 2022 19:42
 Operator : CG/JU
 Sample : N5607-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-40A

Quant Time: Nov 17 02:13:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

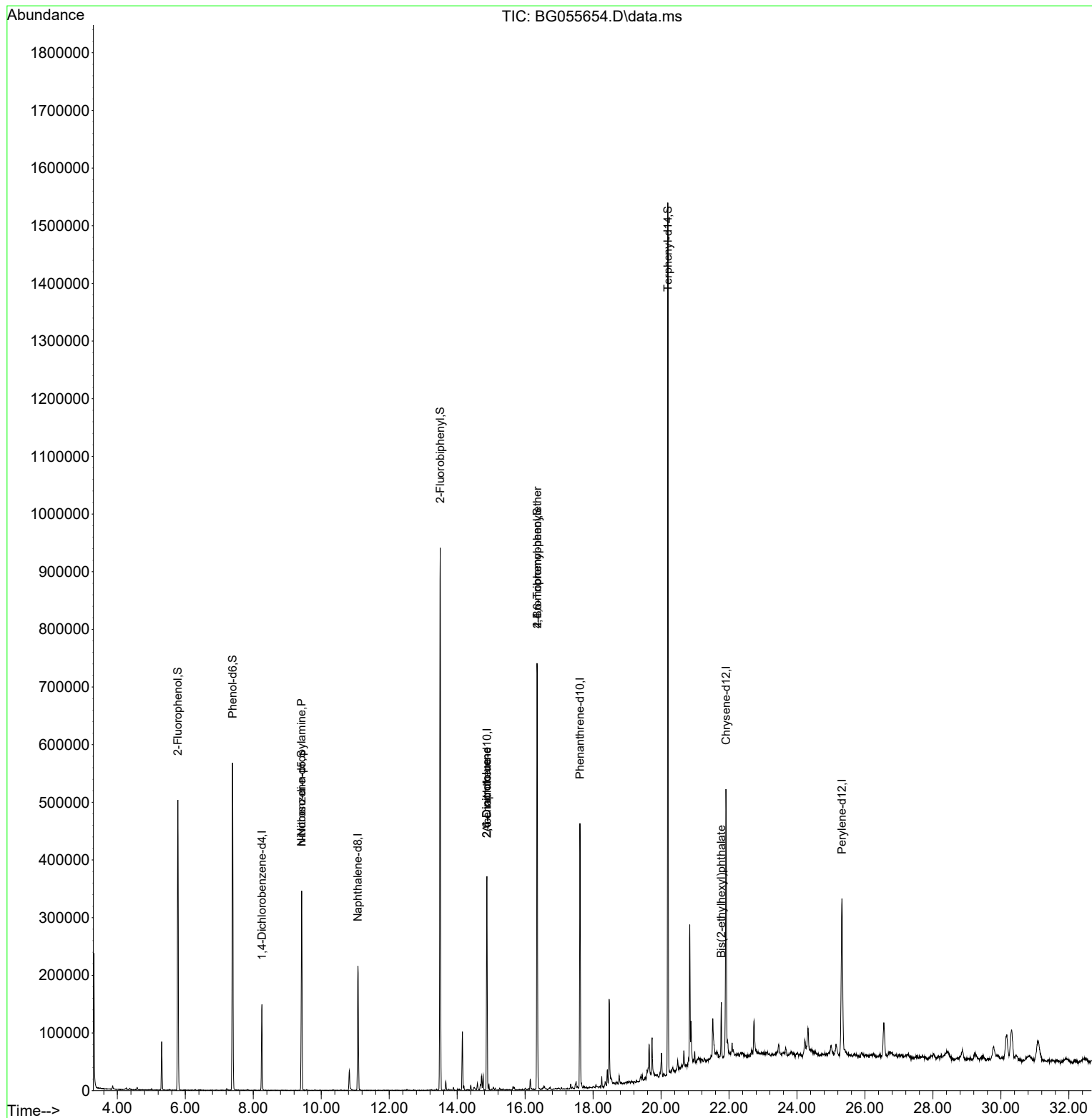
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	43424	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	190907	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	135200	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	298832	20.000	ng	0.00
76) Chrysene-d12	21.908	240	291870	20.000	ng	-0.01
86) Perylene-d12	25.321	264	306965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	215489	89.697	ng	0.00
7) Phenol-d6	7.389	99	314533	98.353	ng	0.00
23) Nitrobenzene-d5	9.422	82	200661	55.555	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	156561	82.236	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	497112	55.084	ng	0.00
79) Terphenyl-d14	20.198	244	771133	52.844	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.422	70	26858	10.931	ng	# 74
51) 2,6-Dinitrotoluene	14.869	165	17565	7.971	ng	# 24
57) 2,4-Dinitrotoluene	14.869	165	17565	5.653	ng	# 22
67) 4-Bromophenyl-phenylether	16.355	248	10082	2.961	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.772	149	39728	3.574	ng	98

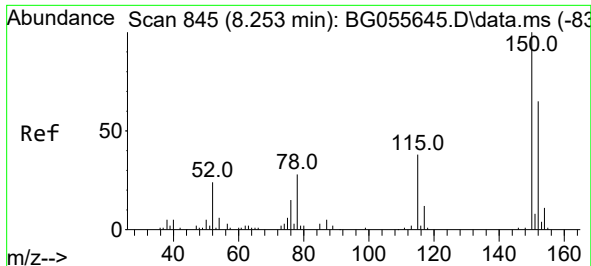
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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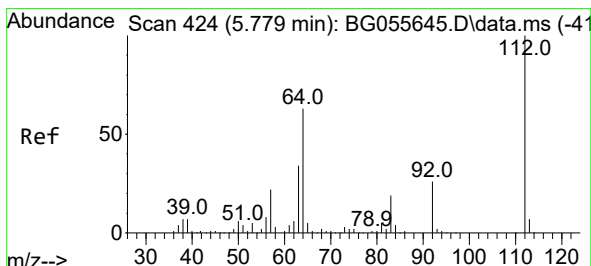
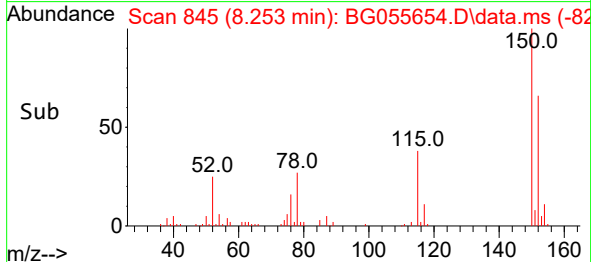
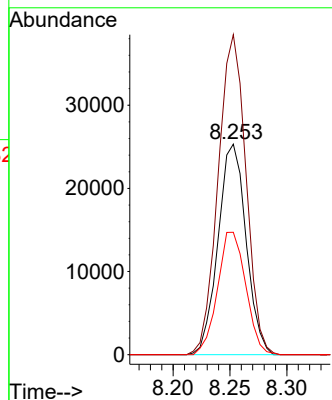
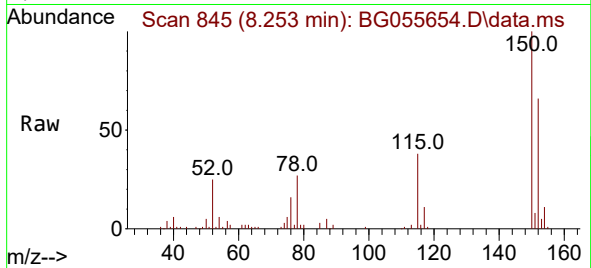




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

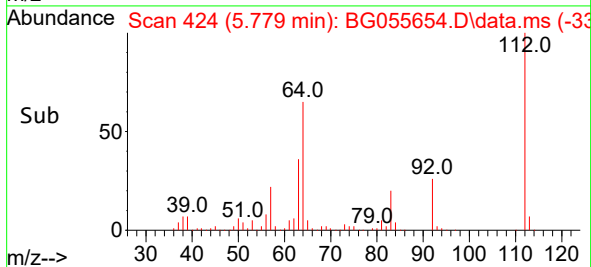
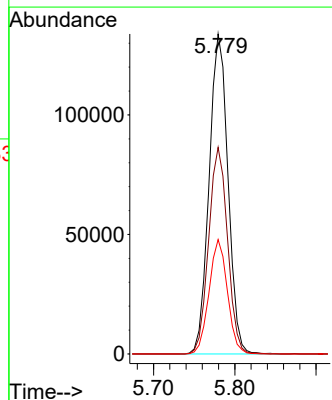
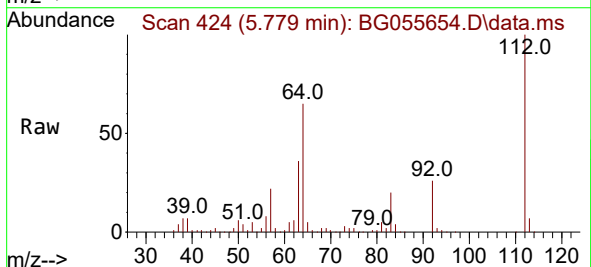
Instrument :
BNA_G
ClientSampleId :
SB-40A

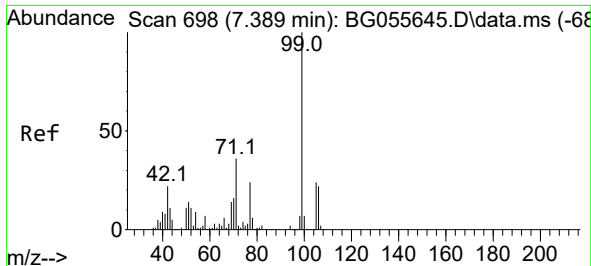
Tgt Ion:152 Resp: 43424
Ion Ratio Lower Upper
152 100
150 152.0 123.0 184.6
115 58.1 47.0 70.4



#5
2-Fluorophenol
Concen: 89.697 ng
RT: 5.779 min Scan# 424
Delta R.T. 0.000 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

Tgt Ion:112 Resp: 215489
Ion Ratio Lower Upper
112 100
64 64.6 50.6 76.0
63 35.7 27.5 41.3

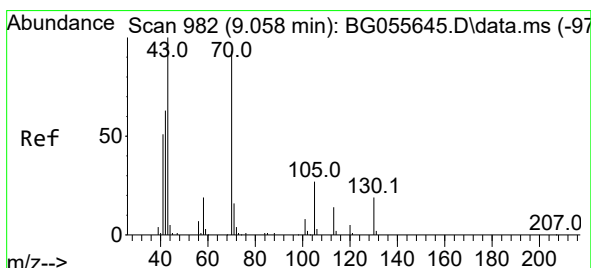
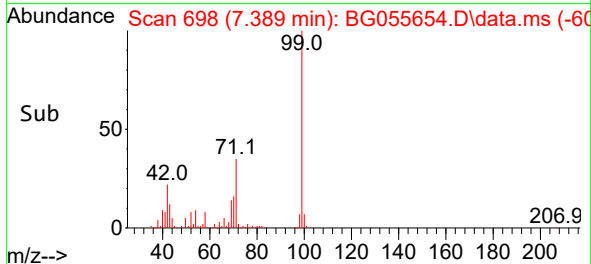
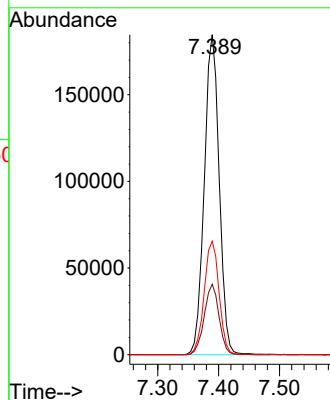
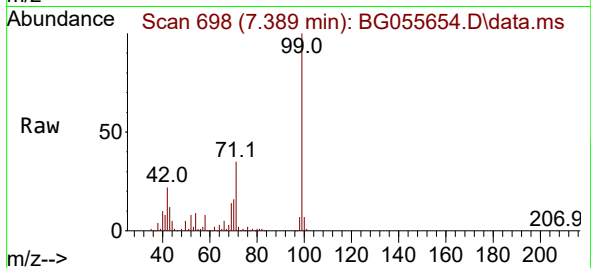




#7
Phenol-d6
Concen: 98.353 ng
RT: 7.389 min Scan# 698
Delta R.T. 0.000 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

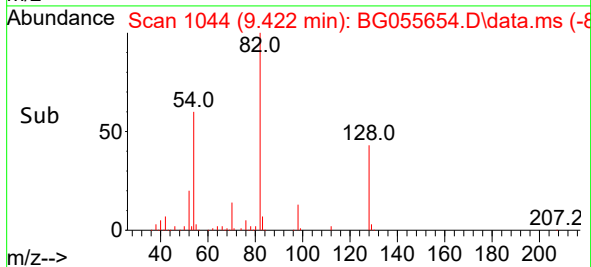
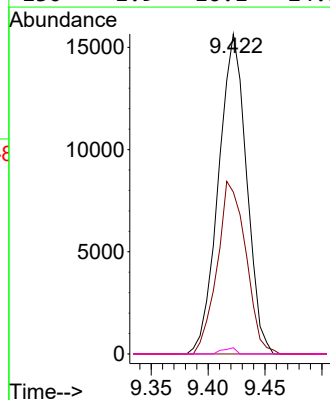
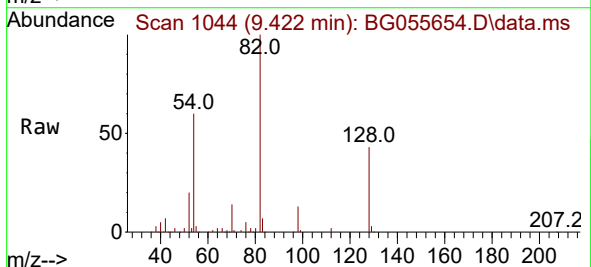
Instrument :
BNA_G
ClientSampleId :
SB-40A

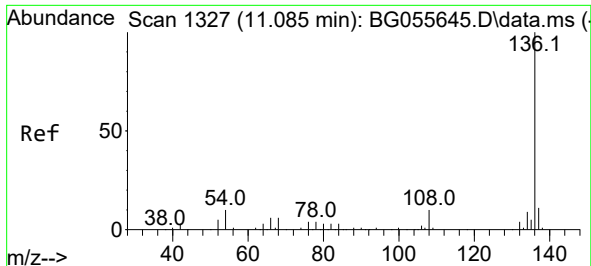
Tgt Ion: 99 Resp: 314533
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 35.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.931 ng
RT: 9.422 min Scan# 1044
Delta R.T. 0.365 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

Tgt Ion: 70 Resp: 26858
Ion Ratio Lower Upper
70 100
42 50.6 55.2 82.8#
101 0.0 7.1 10.7#
130 1.9 16.1 24.1#

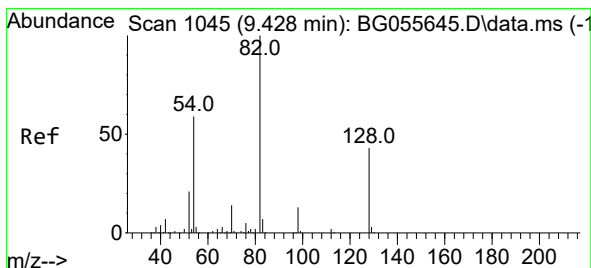
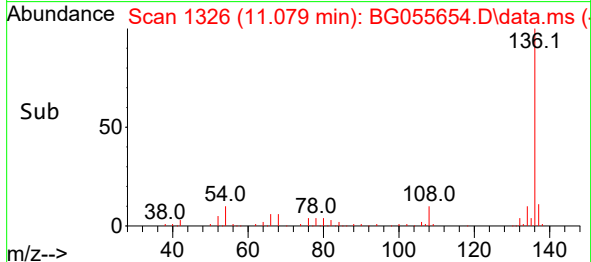
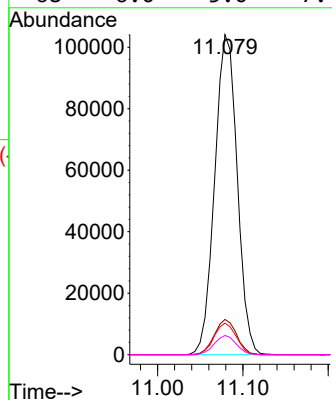
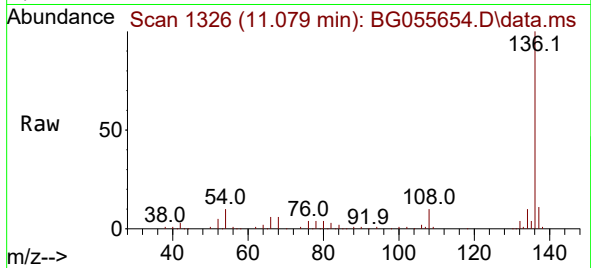




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

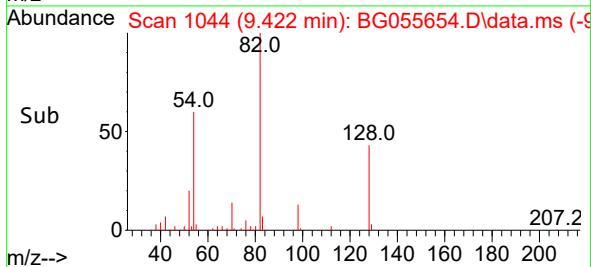
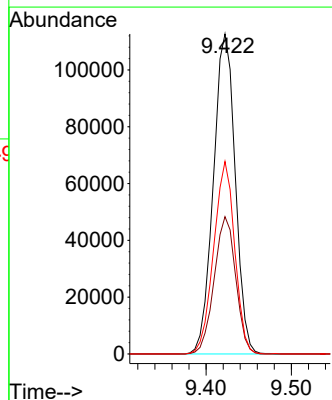
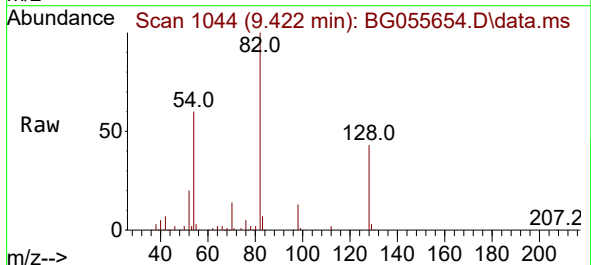
Instrument :
BNA_G
ClientSampleId :
SB-40A

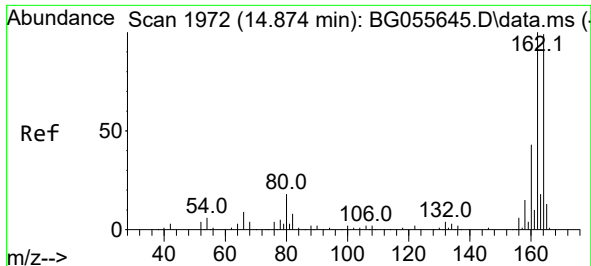
Tgt Ion:	136	Resp:	190907
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.8	7.8	11.6
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 55.555 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

Tgt Ion:	82	Resp:	200661
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.1	51.1
54	60.1	47.3	70.9

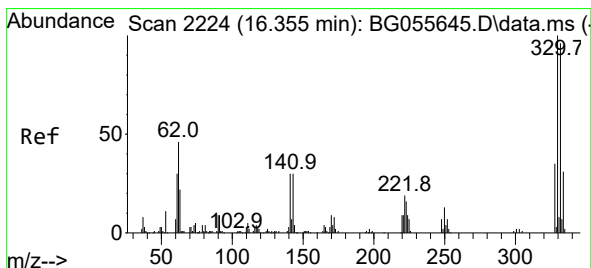
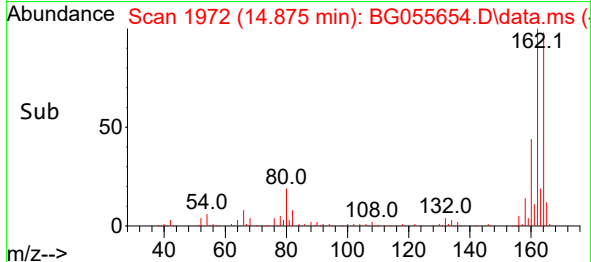
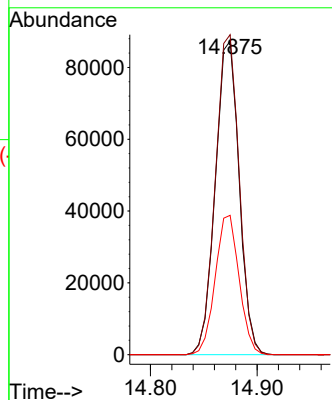
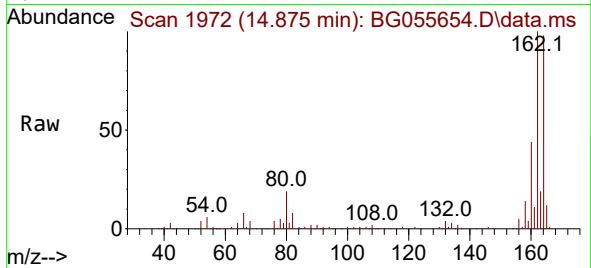




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

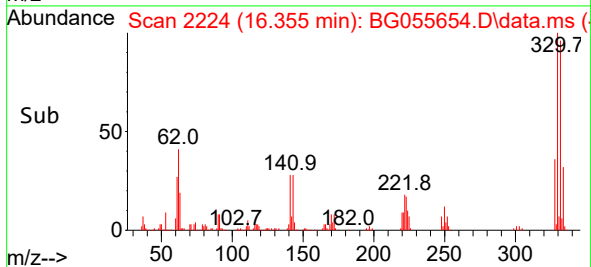
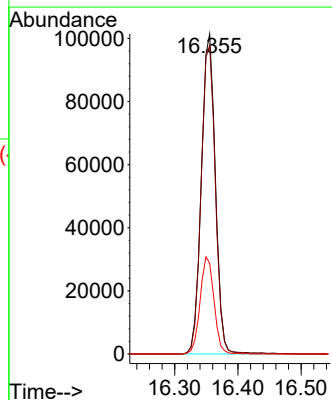
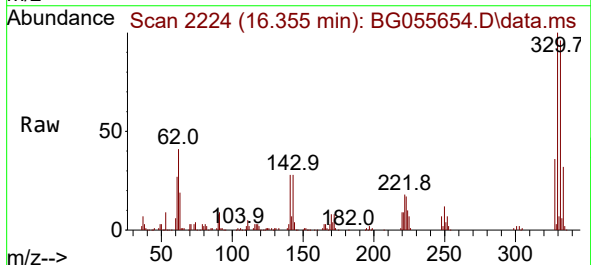
Instrument :
BNA_G
ClientSampleId :
SB-40A

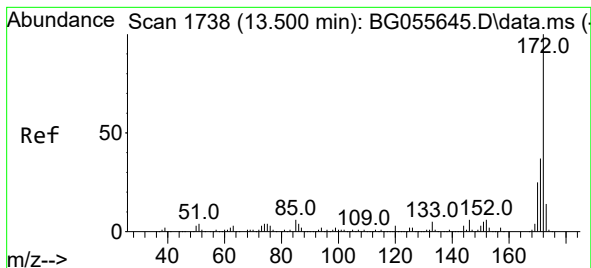
Tgt Ion:164 Resp: 135200
Ion Ratio Lower Upper
164 100
162 102.1 81.1 121.7
160 44.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 82.236 ng
RT: 16.355 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

Tgt Ion:330 Resp: 156561
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 29.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 55.084 ng

RT: 13.500 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG055654.D

Acq: 16 Nov 2022 19:42

Instrument :

BNA_G

ClientSampleId :

SB-40A

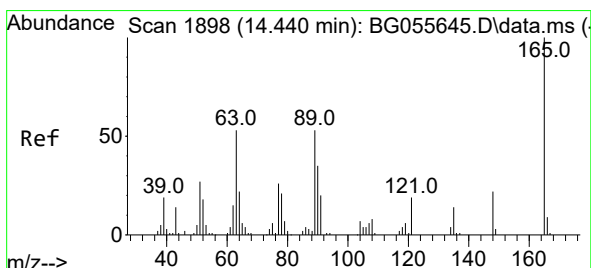
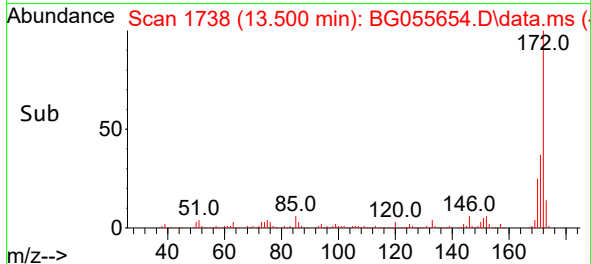
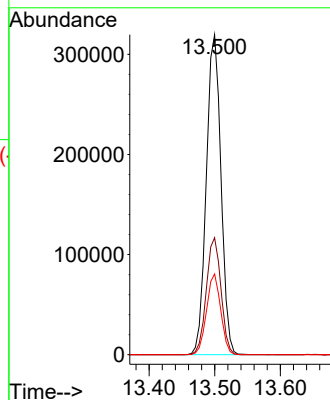
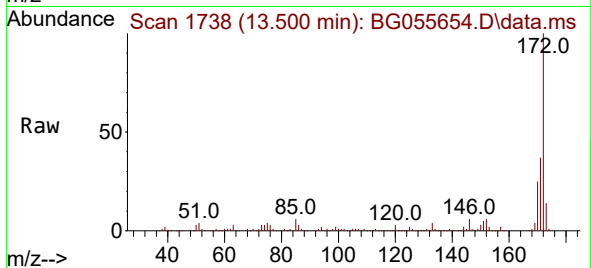
Tgt Ion:172 Resp: 497112

Ion Ratio Lower Upper

172 100

171 36.5 29.8 44.6

170 25.3 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 7.971 ng

RT: 14.869 min Scan# 1971

Delta R.T. 0.429 min

Lab File: BG055654.D

Acq: 16 Nov 2022 19:42

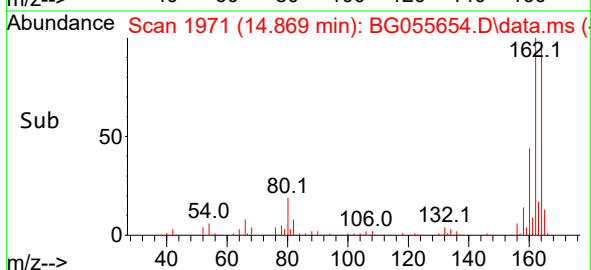
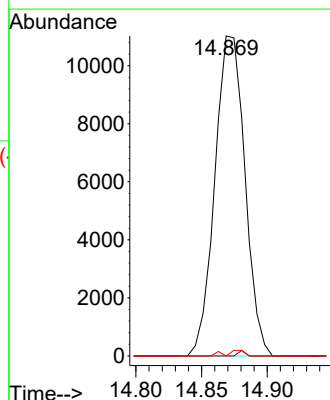
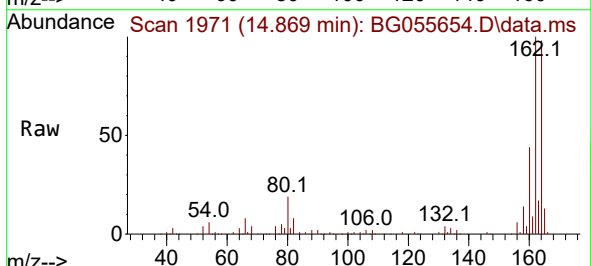
Tgt Ion:165 Resp: 17565

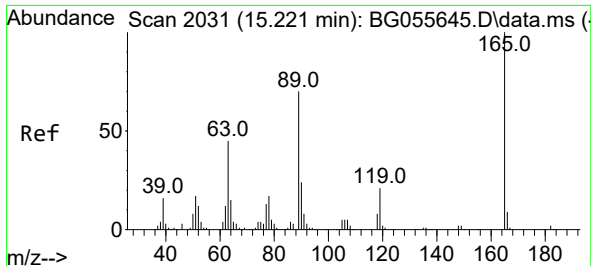
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.653 ng

RT: 14.869 min Scan# 1971

Delta R.T. -0.352 min

Lab File: BG055654.D

Acq: 16 Nov 2022 19:42

Instrument :

BNA_G

ClientSampleId :

SB-40A

Tgt Ion:165 Resp: 17565

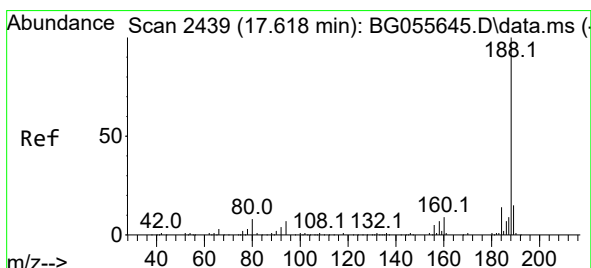
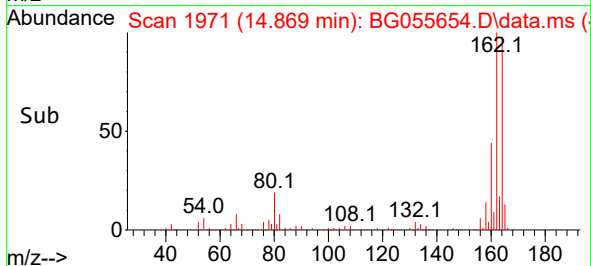
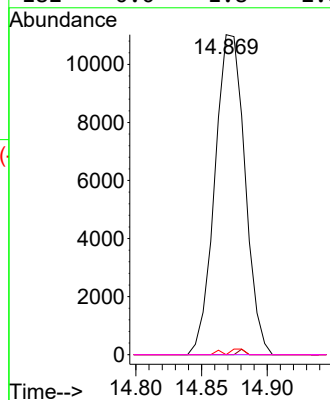
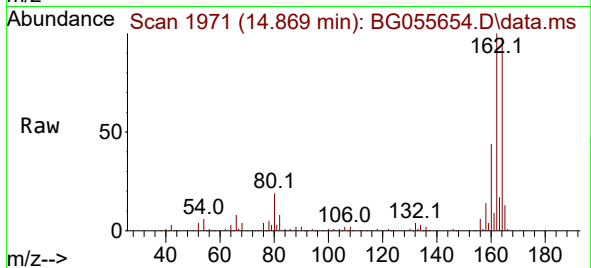
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.613 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG055654.D

Acq: 16 Nov 2022 19:42

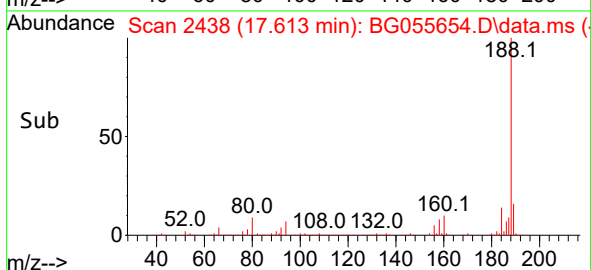
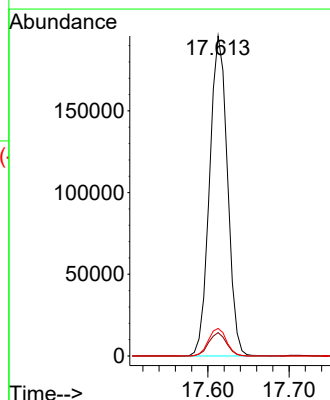
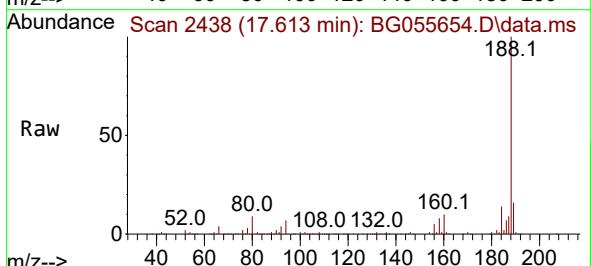
Tgt Ion:188 Resp: 298832

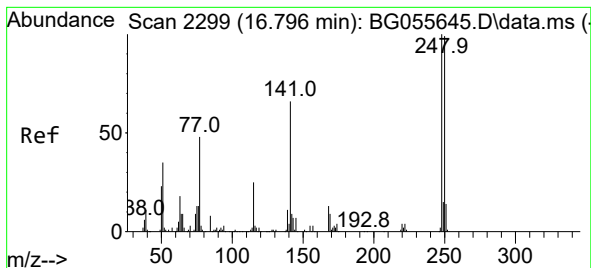
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.6 6.6 10.0

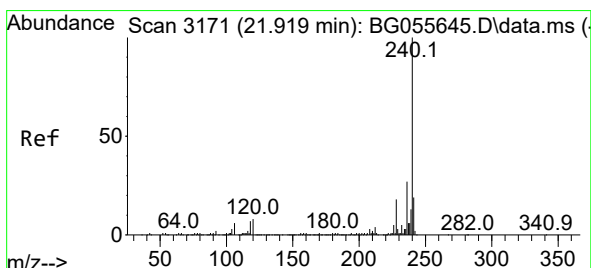
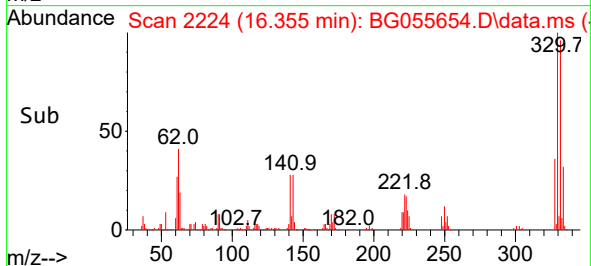
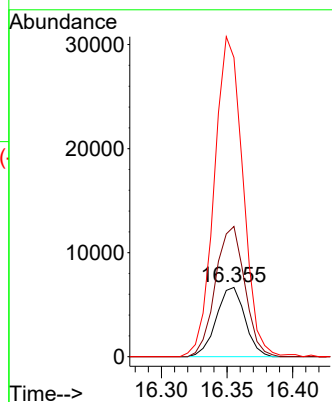
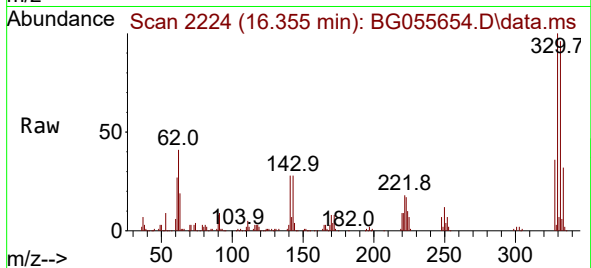




#67
4-Bromophenyl-phenylether
Concen: 2.961 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

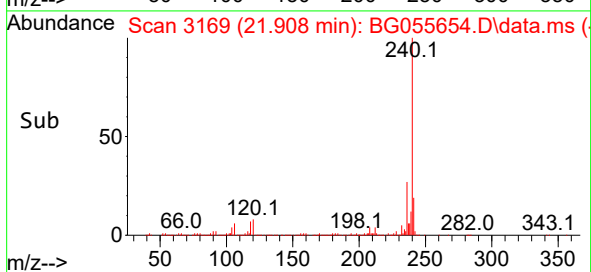
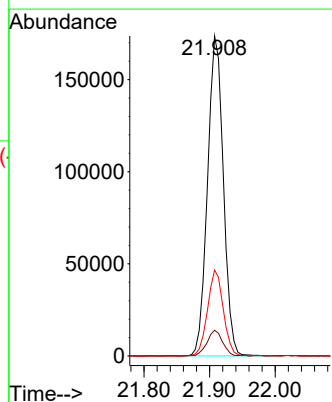
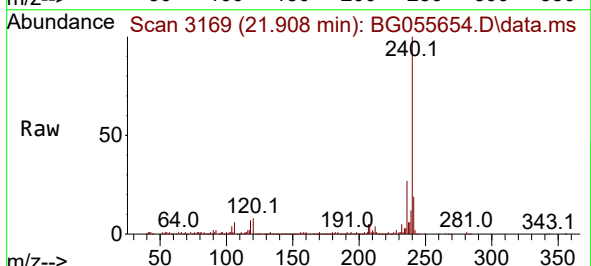
Instrument :
BNA_G
ClientSampleId :
SB-40A

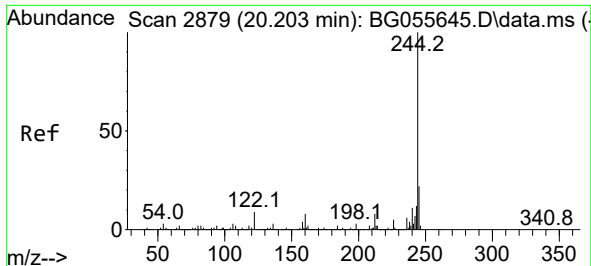
Tgt Ion:248 Resp: 10082
Ion Ratio Lower Upper
248 100
250 187.9 79.0 118.4#
141 431.5 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3169
Delta R.T. -0.011 min
Lab File: BG055654.D
Acq: 16 Nov 2022 19:42

Tgt Ion:240 Resp: 291870
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.9 21.9 32.9

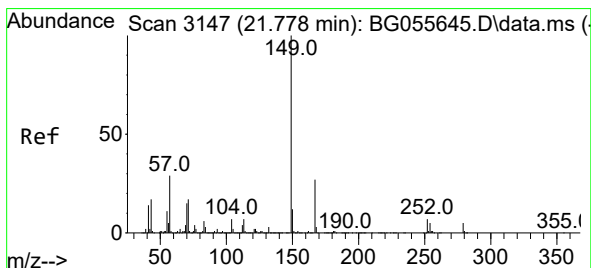
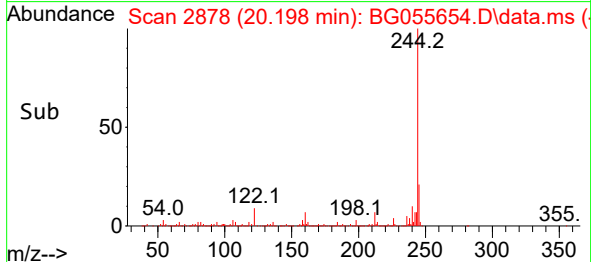
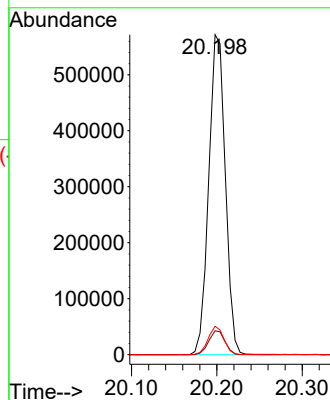
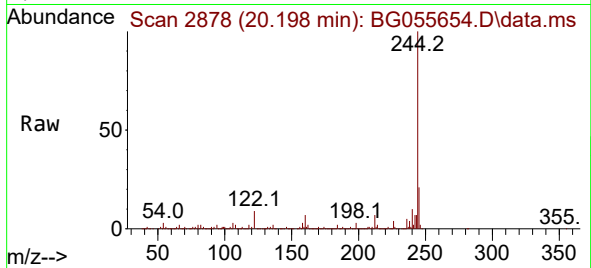




#79
 Terphenyl-d14
 Concen: 52.844 ng
 RT: 20.198 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055654.D
 Acq: 16 Nov 2022 19:42

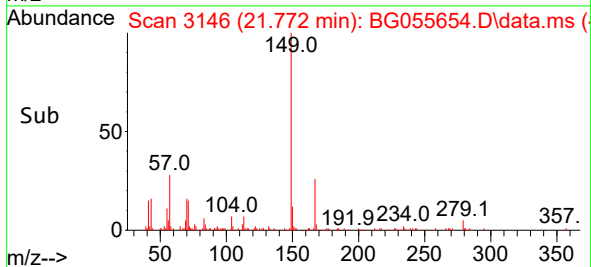
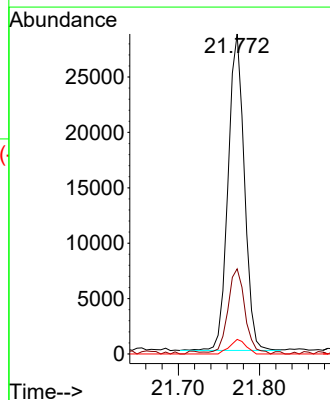
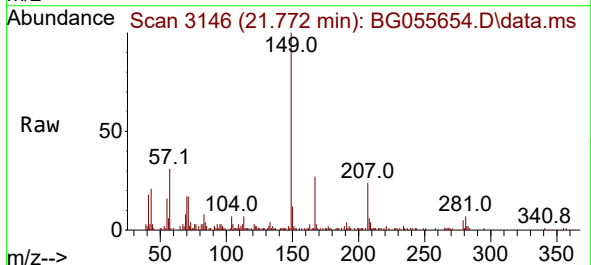
Instrument :
 BNA_G
 ClientSampleId :
 SB-40A

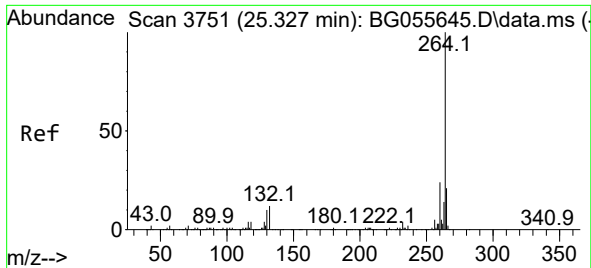
Tgt Ion:244 Resp: 771133
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.9 6.9 10.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.574 ng
 RT: 21.772 min Scan# 3146
 Delta R.T. -0.006 min
 Lab File: BG055654.D
 Acq: 16 Nov 2022 19:42

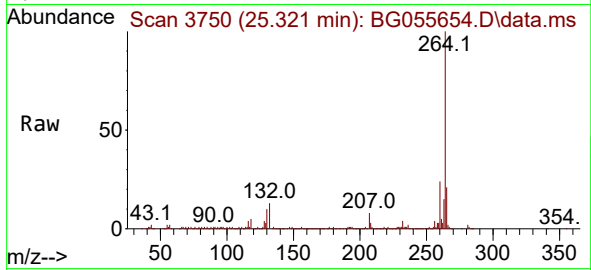
Tgt Ion:149 Resp: 39728
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.0 33.0
 279 4.5 3.7 5.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.321 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055654.D
 Acq: 16 Nov 2022 19:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-40A



Tgt Ion:264 Resp: 306965

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.1	17.1	25.7

