

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056993.D
 Acq On : 5 Apr 2023 16:35
 Operator : CG/JU
 Sample : 02109-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB02

Quant Time: Apr 06 02:00:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

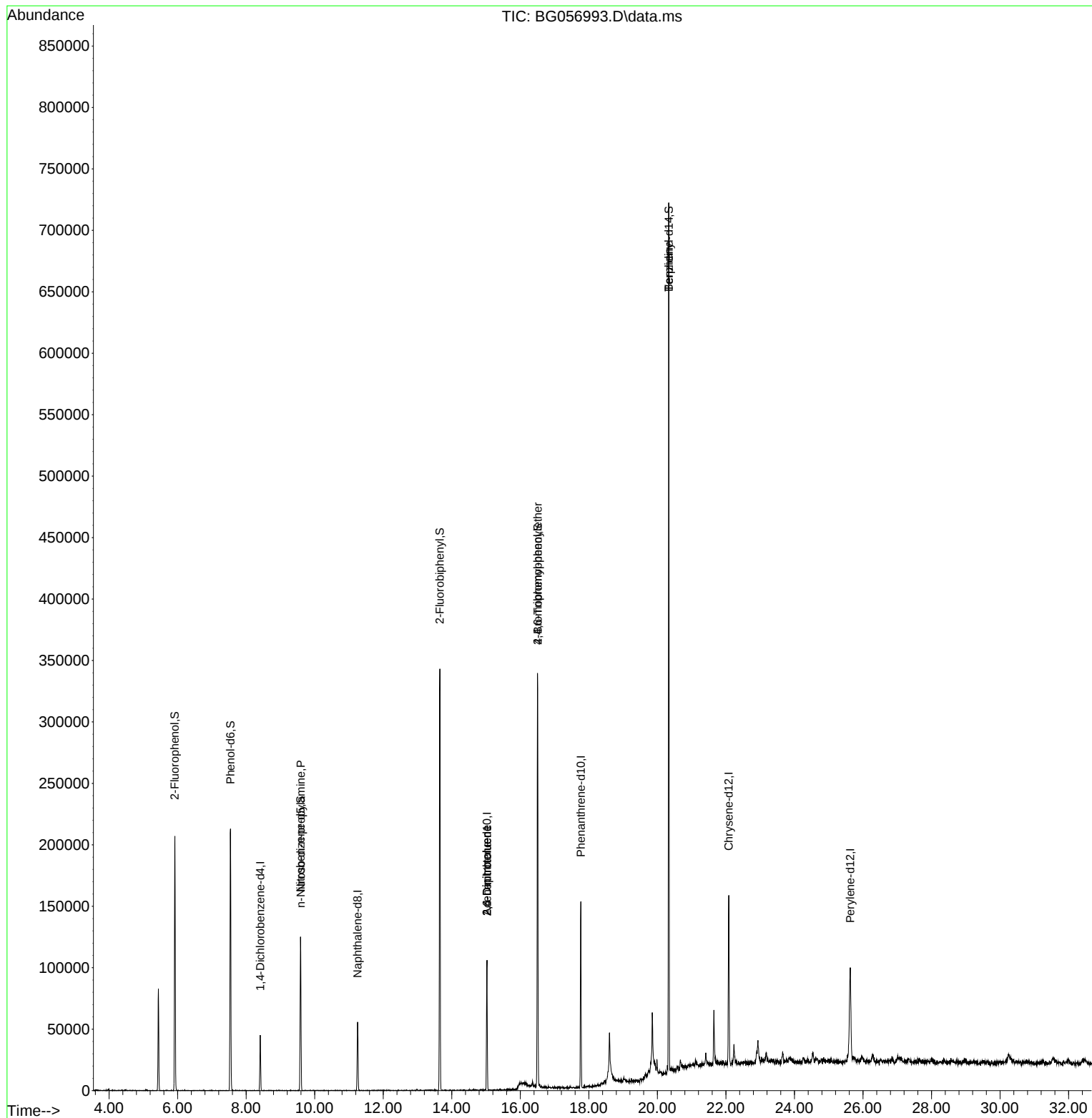
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	12043	20.000	ng	0.00
21) Naphthalene-d8	11.250	136	49515	20.000	ng	#-0.01
39) Acenaphthene-d10	15.028	164	37411	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	96188	20.000	ng	0.00
76) Chrysene-d12	22.083	240	84482	20.000	ng	-0.01
86) Perylene-d12	25.631	264	90849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	85951	114.224	ng	0.00
7) Phenol-d6	7.544	99	121987	108.392	ng	0.00
23) Nitrobenzene-d5	9.588	82	76893	63.542	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	71025	118.840	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	175575	63.639	ng	0.00
79) Terphenyl-d14	20.332	244	329317	65.962	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.594	70	11174	13.881	ng	# 74
51) 2,6-Dinitrotoluene	15.028	165	4802	7.540	ng	# 18
57) 2,4-Dinitrotoluene	15.028	165	4802	5.346	ng	# 18
67) 4-Bromophenyl-phenylether	16.508	248	4531	3.807	ng	# 1
77) Benzidine	20.332	184	5897	2.554	ng	# 91

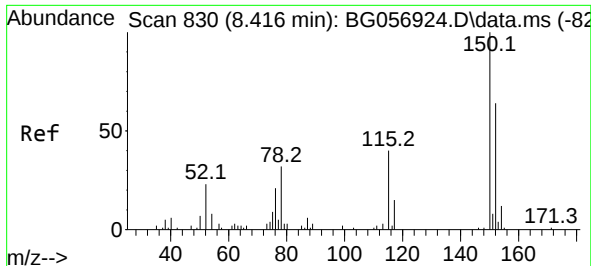
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
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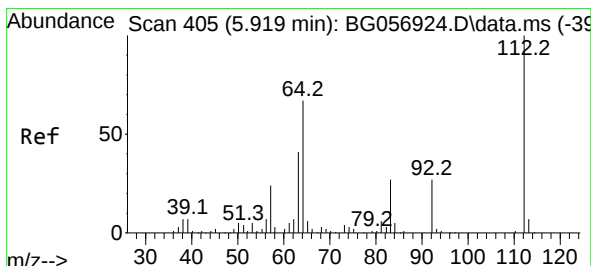
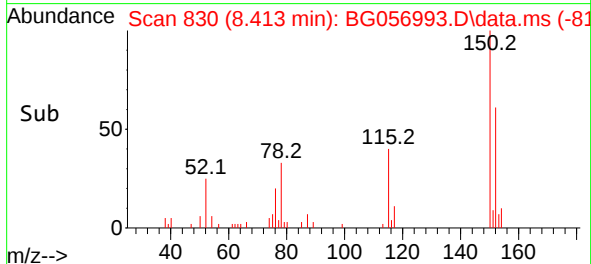
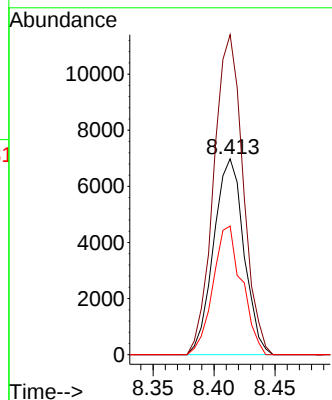
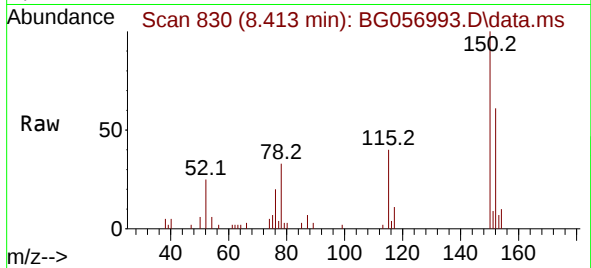




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

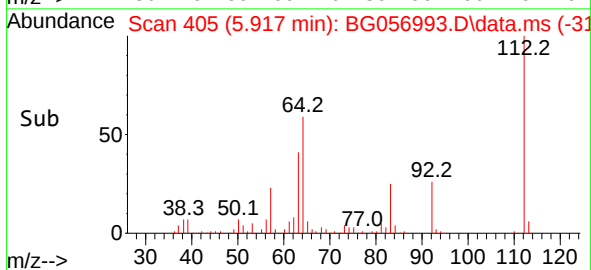
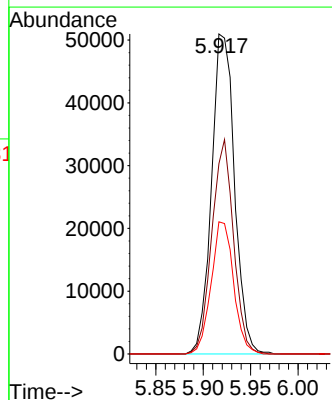
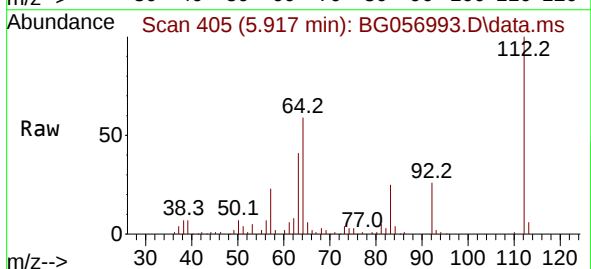
Instrument :
BNA_G
ClientSampleId :
B-30-SB02

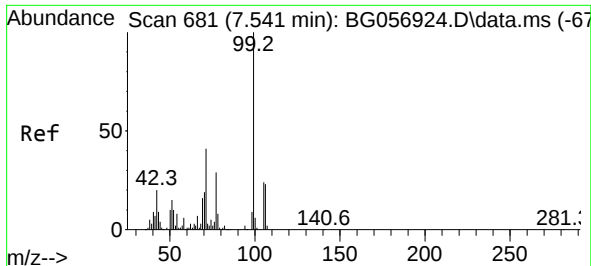
Tgt Ion:152 Resp: 12043
Ion Ratio Lower Upper
152 100
150 163.3 124.1 186.1
115 65.6 49.1 73.7



#5
2-Fluorophenol
Concen: 114.224 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.007 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

Tgt Ion:112 Resp: 85951
Ion Ratio Lower Upper
112 100
64 59.4 53.2 79.8
63 41.3 32.6 48.8

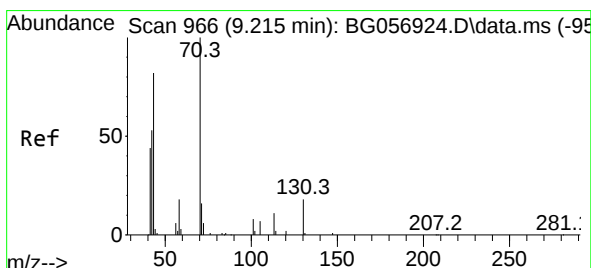
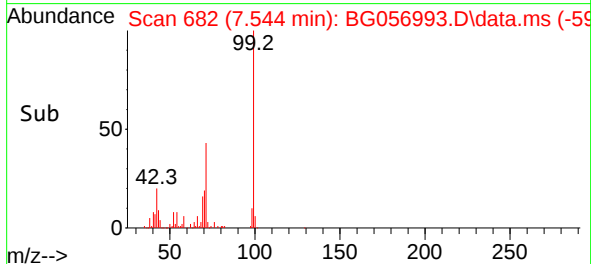
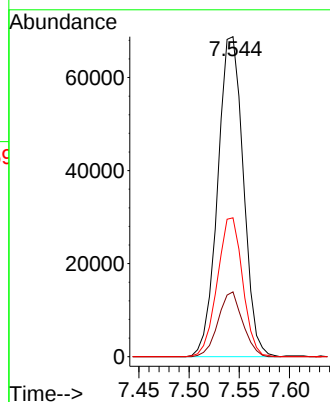
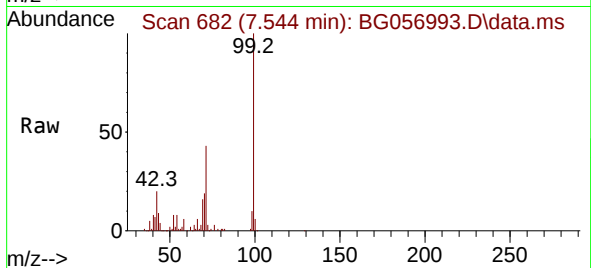




#7
Phenol-d6
Concen: 108.392 ng
RT: 7.544 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

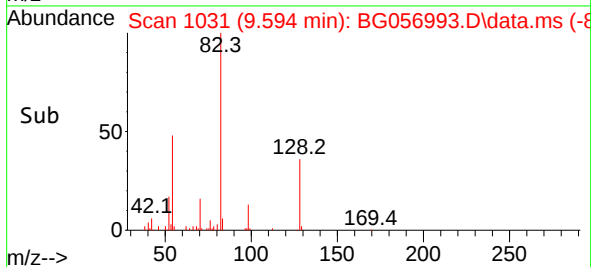
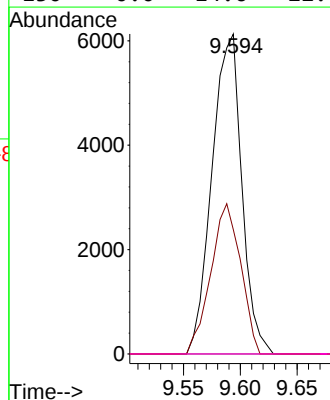
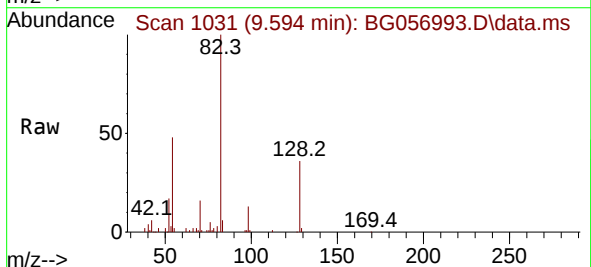
Instrument :
BNA_G
ClientSampleId :
B-30-SB02

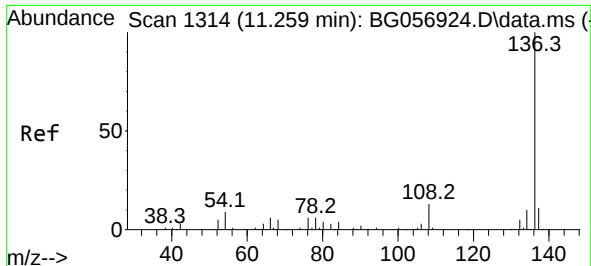
Tgt Ion: 99 Resp: 121987
Ion Ratio Lower Upper
99 100
42 20.3 15.7 23.5
71 43.4 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.881 ng
RT: 9.594 min Scan# 1031
Delta R.T. 0.375 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

Tgt Ion: 70 Resp: 11174
Ion Ratio Lower Upper
70 100
42 38.8 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#

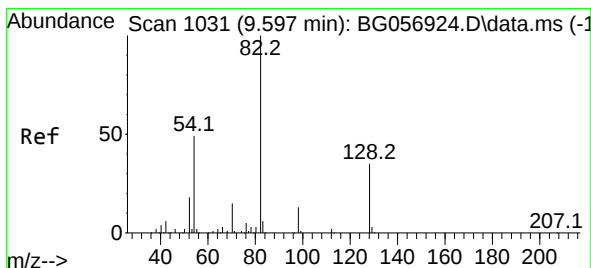
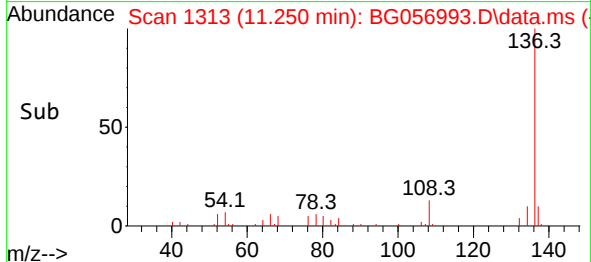
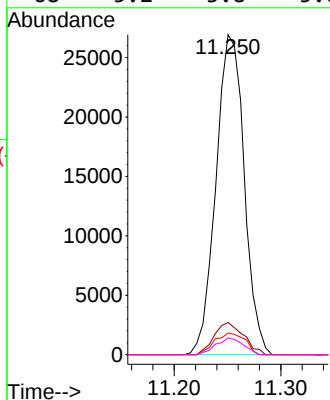
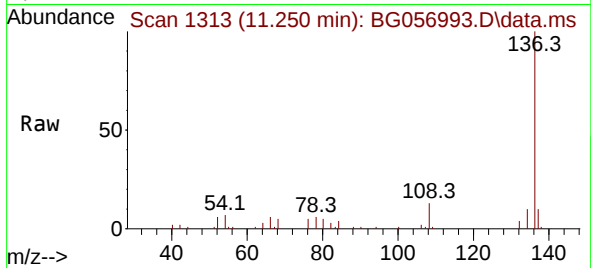




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.250 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

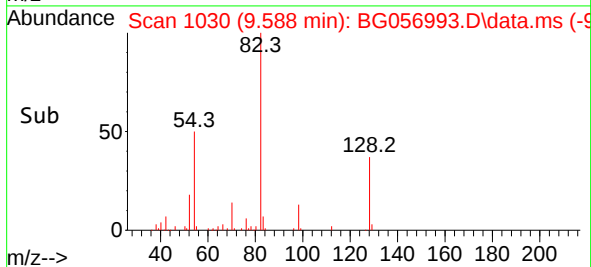
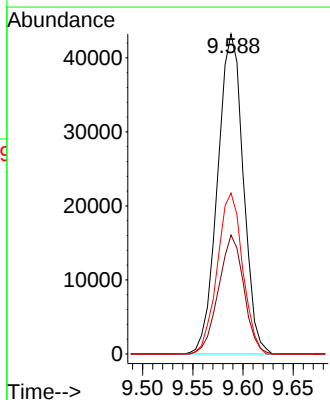
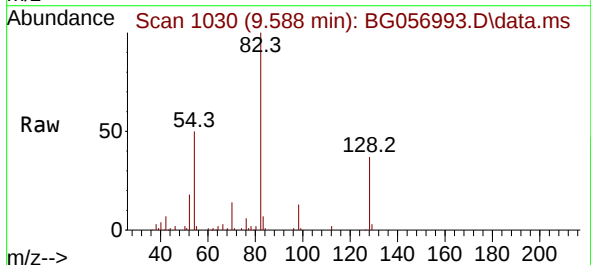
Instrument :
BNA_G
ClientSampleId :
B-30-SB02

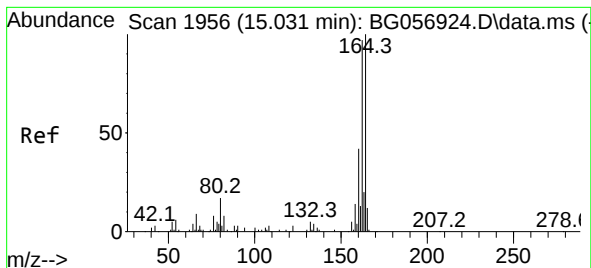
Tgt Ion:136	Resp:	49515
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.6 13.0
54	6.7	6.9 10.3#
68	5.2	3.8 5.6



#23
Nitrobenzene-d5
Concen: 63.542 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.007 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

Tgt Ion: 82	Resp:	76893
Ion Ratio	Lower	Upper
82	100	
128	37.1	27.9 41.9
54	50.3	39.4 59.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG056993.D

Acq: 5 Apr 2023 16:35

Instrument :

BNA_G

ClientSampleId :

B-30-SB02

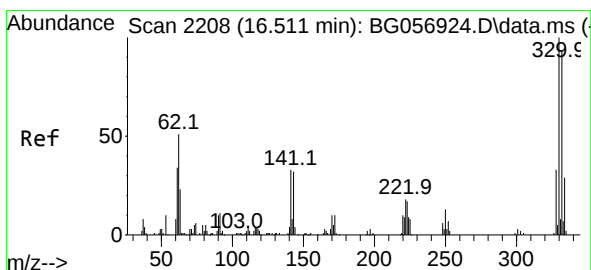
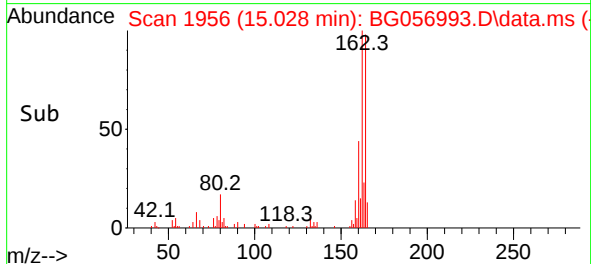
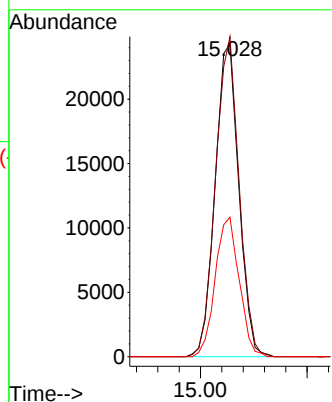
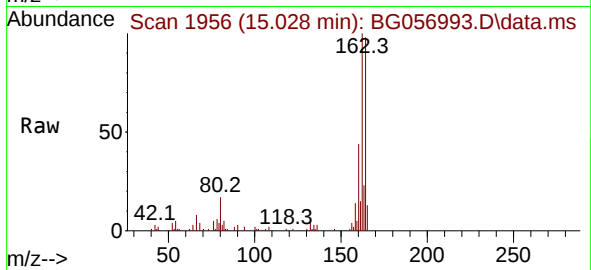
Tgt Ion:164 Resp: 37411

Ion Ratio Lower Upper

164 100

162 102.4 77.8 116.8

160 44.6 33.5 50.3



#42

2,4,6-Tribromophenol

Concen: 118.840 ng

RT: 16.508 min Scan# 2208

Delta R.T. -0.001 min

Lab File: BG056993.D

Acq: 5 Apr 2023 16:35

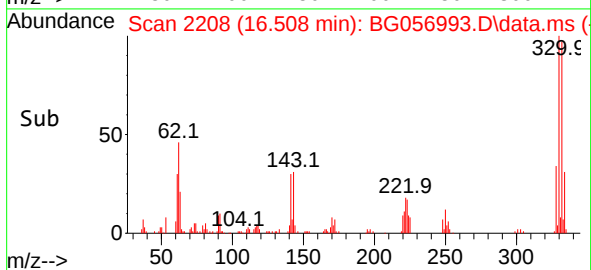
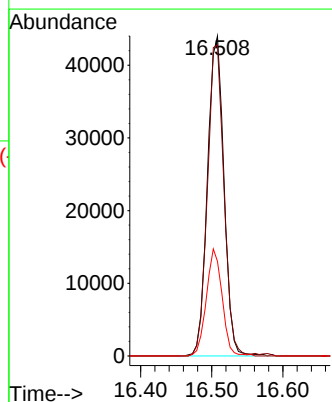
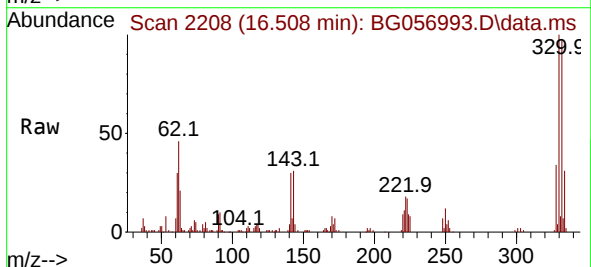
Tgt Ion:330 Resp: 71025

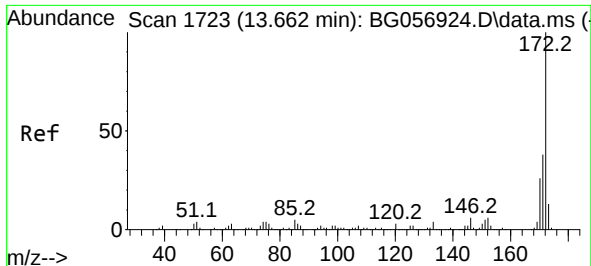
Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

141 32.0 25.8 38.6

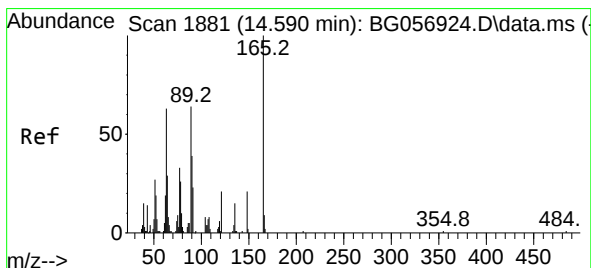
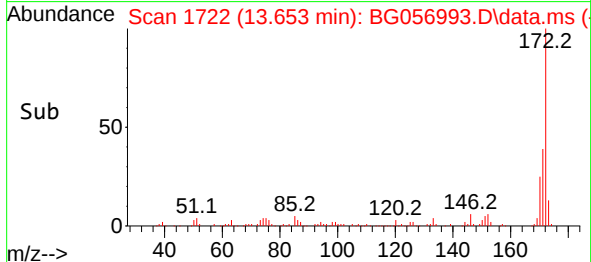
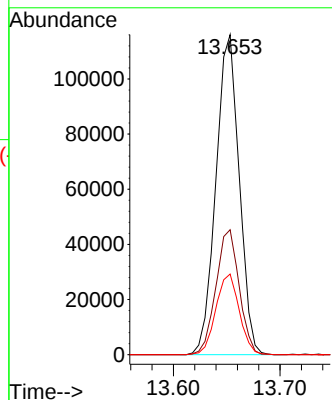
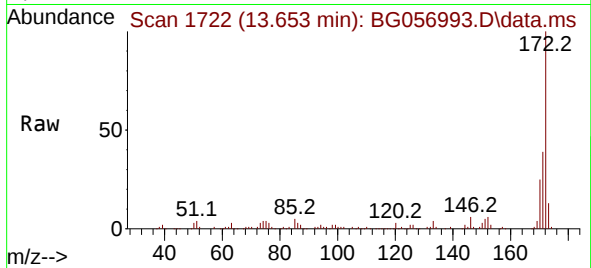




#45
 2-Fluorobiphenyl
 Concen: 63.639 ng
 RT: 13.653 min Scan# 1
 Delta R.T. -0.001 min
 Lab File: BG056993.D
 Acq: 5 Apr 2023 16:35

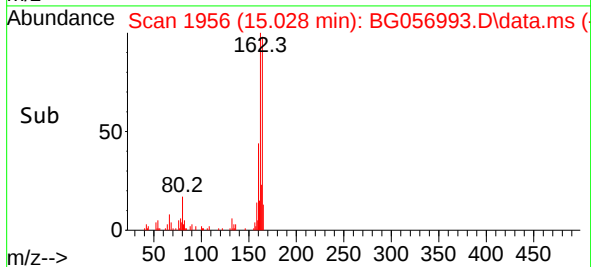
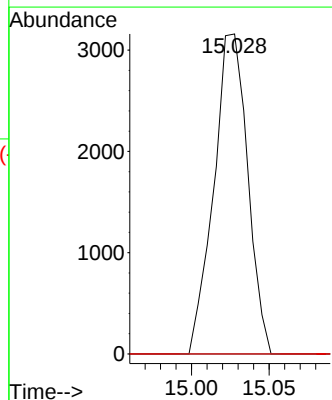
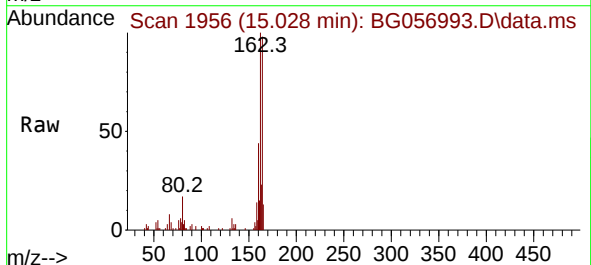
Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB02

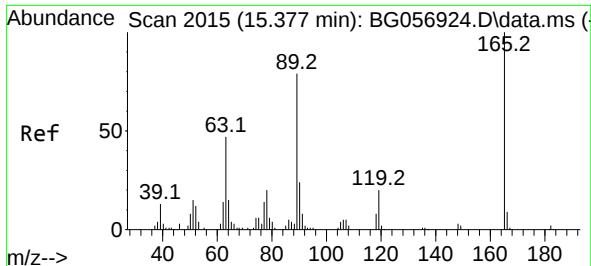
Tgt Ion:172 Resp: 175575
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.6 46.0
 170 25.2 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 7.540 ng
 RT: 15.028 min Scan# 1956
 Delta R.T. 0.434 min
 Lab File: BG056993.D
 Acq: 5 Apr 2023 16:35

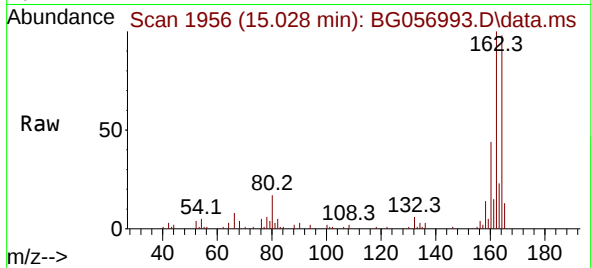
Tgt Ion:165 Resp: 4802
 Ion Ratio Lower Upper
 165 100
 63 0.0 53.0 79.6#
 89 0.0 51.0 76.4#



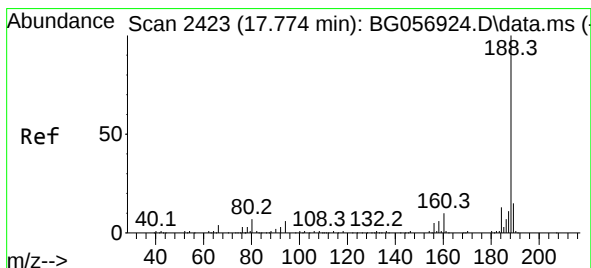
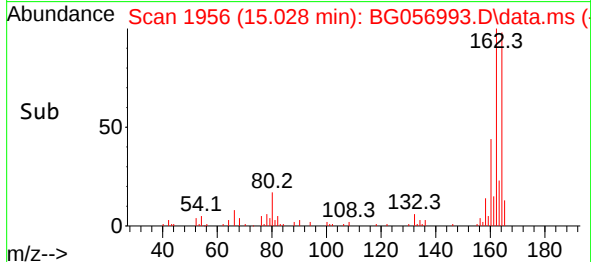
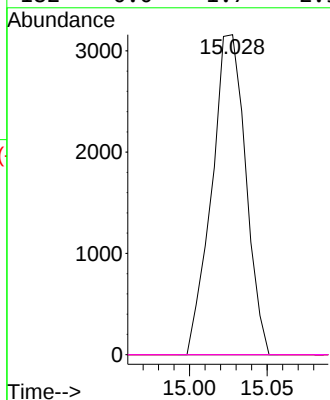


#57
2,4-Dinitrotoluene
Concen: 5.346 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.347 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

Instrument :
BNA_G
ClientSampleId :
B-30-SB02

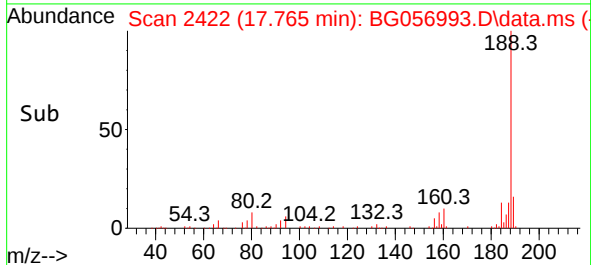
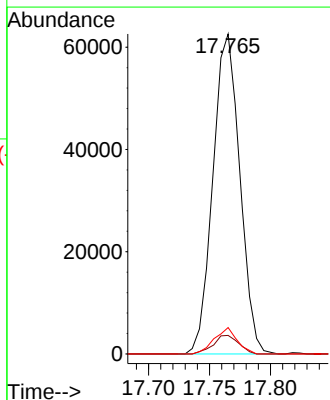
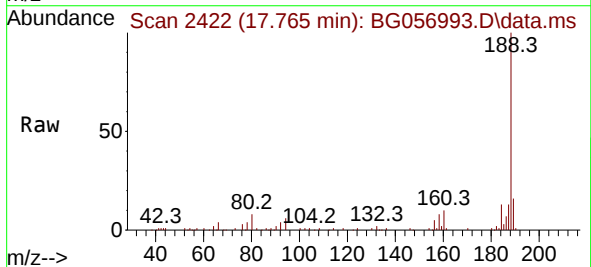


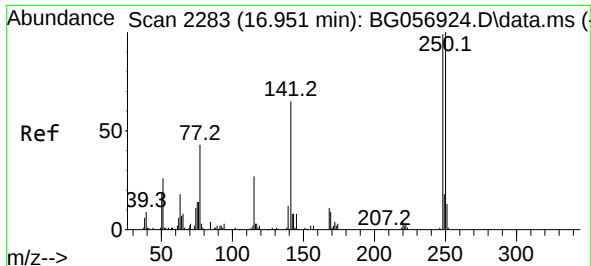
Tgt Ion:165 Resp: 4802
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 0.0 63.2 94.8#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. -0.001 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

Tgt Ion:188 Resp: 96188
Ion Ratio Lower Upper
188 100
94 5.8 4.6 6.8
80 8.3 5.5 8.3

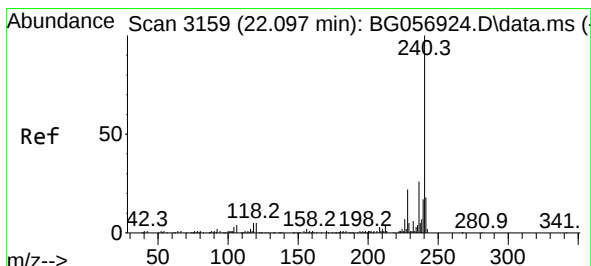
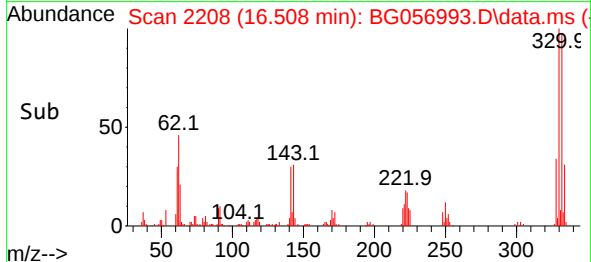
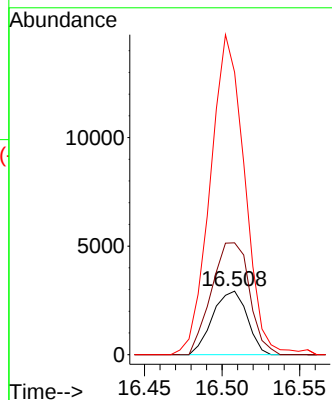
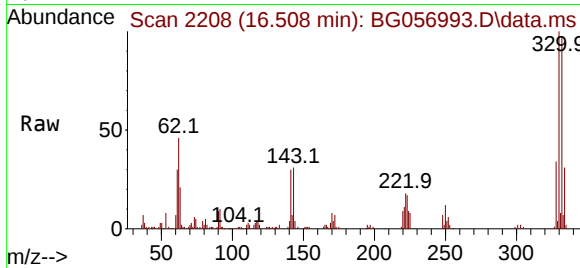




#67
4-Bromophenyl-phenylether
Concen: 3.807 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

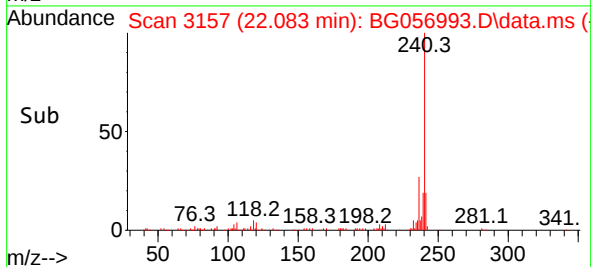
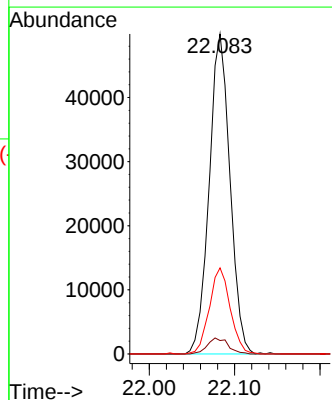
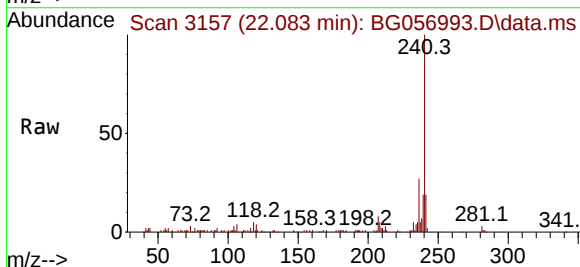
Instrument :
BNA_G
ClientSampleId :
B-30-SB02

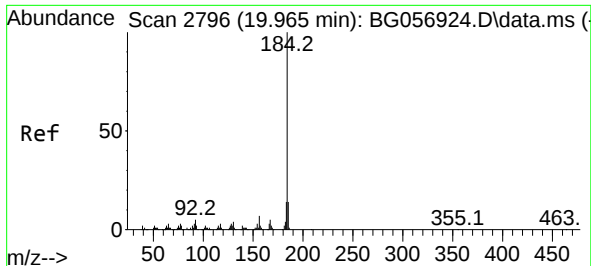
Tgt Ion:248 Resp: 4531
Ion Ratio Lower Upper
248 100
250 175.9 80.5 120.7#
141 444.1 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.012 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

Tgt Ion:240 Resp: 84482
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.6
236 26.9 21.0 31.6

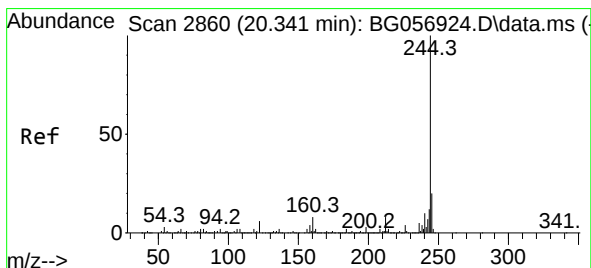
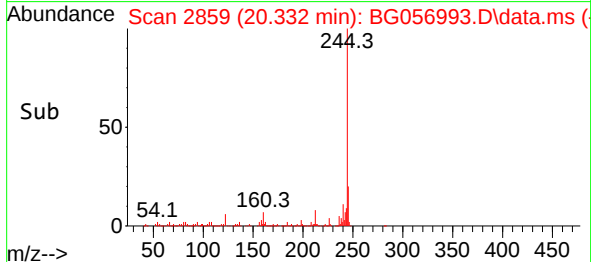
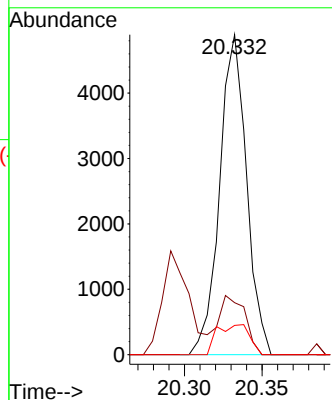
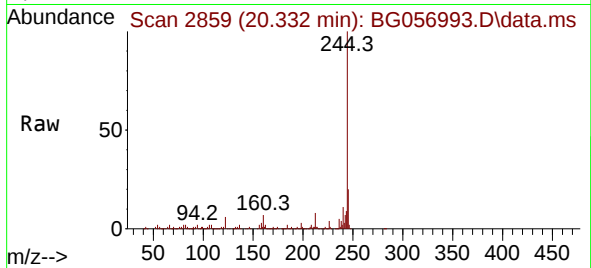




#77
Benzidine
Concen: 2.554 ng
RT: 20.332 min Scan# 2859
Delta R.T. 0.369 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

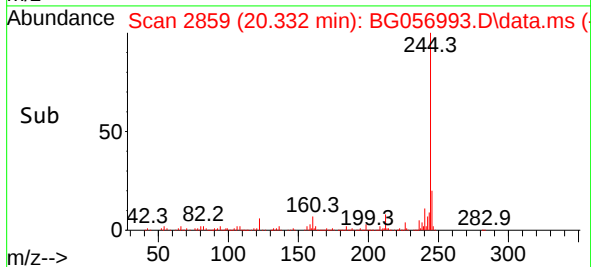
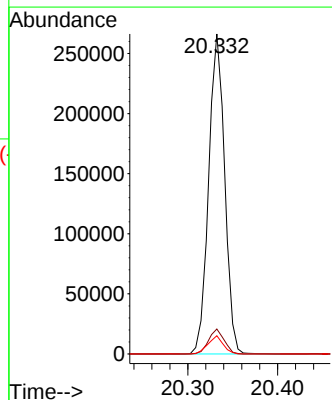
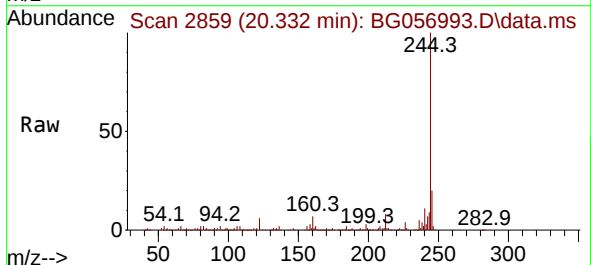
Instrument :
BNA_G
ClientSampleId :
B-30-SB02

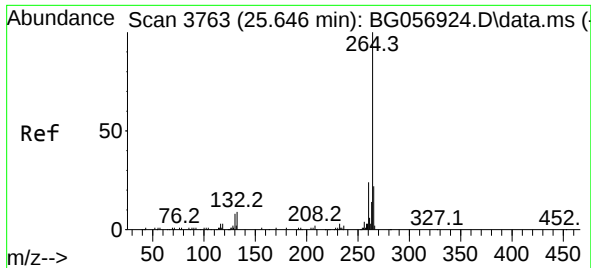
Tgt Ion:184 Resp: 5897
Ion Ratio Lower Upper
184 100
185 16.2 11.0 16.4
183 9.1 11.4 17.0#



#79
Terphenyl-d14
Concen: 65.962 ng
RT: 20.332 min Scan# 2859
Delta R.T. -0.007 min
Lab File: BG056993.D
Acq: 5 Apr 2023 16:35

Tgt Ion:244 Resp: 329317
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 5.7 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.631 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG056993.D
 Acq: 5 Apr 2023 16:35

Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB02

Tgt Ion:264 Resp: 90849
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 19.3 17.8 26.6

