

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056992.D
 Acq On : 5 Apr 2023 15:51
 Operator : CG/JU
 Sample : PB151887BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151887BL

Quant Time: Apr 06 02:00:23 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)

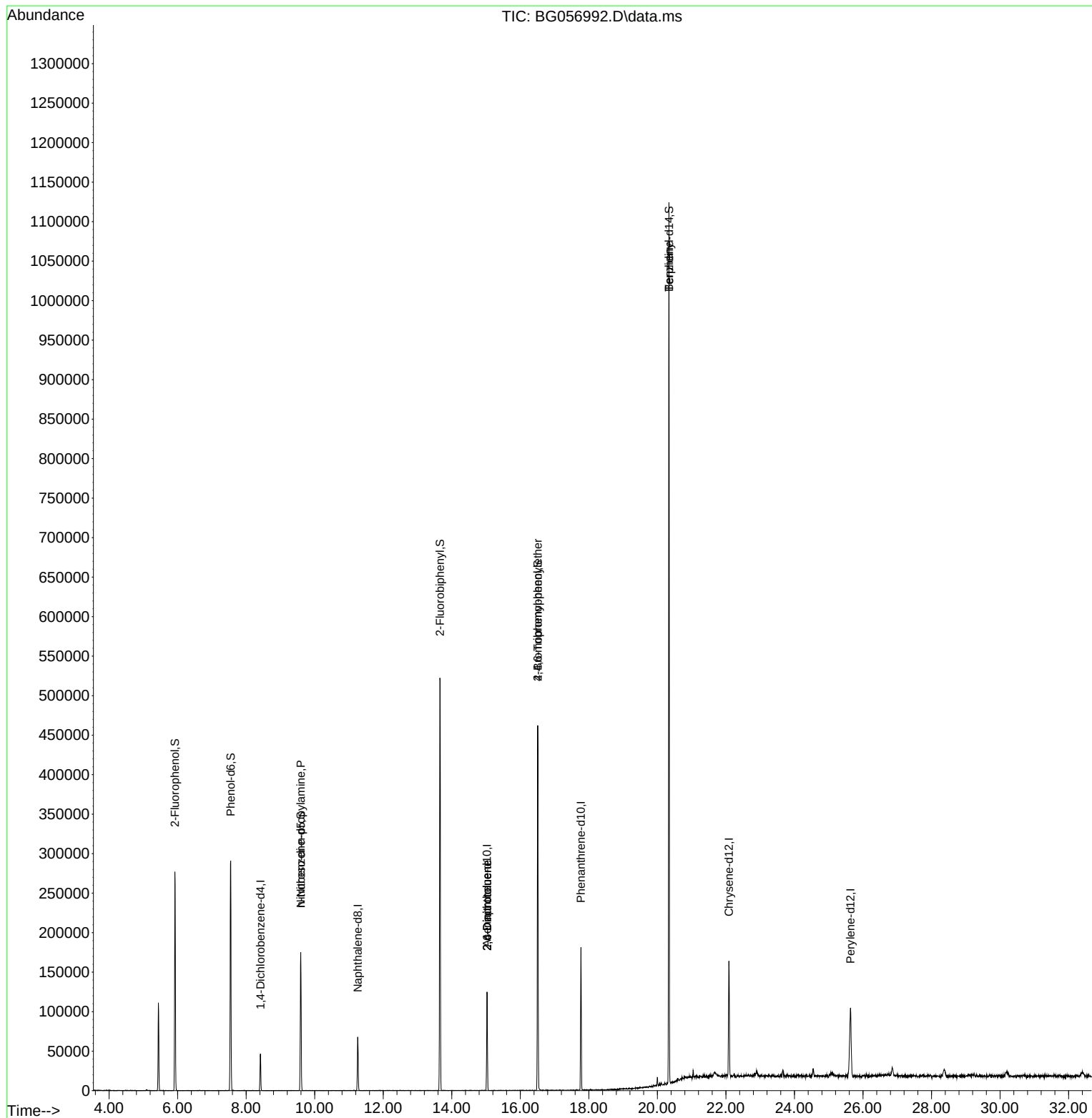
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.419	152	12761	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	54704	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	44085	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	116922	20.000	ng	0.00
76) Chrysene-d12	22.089	240	95555	20.000	ng	0.00
86) Perylene-d12	25.637	264	100222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	111180	139.439	ng	0.00
7) Phenol-d6	7.550	99	163911	137.449	ng	0.00
23) Nitrobenzene-d5	9.594	82	106558	79.703	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	93961	133.416	ng	0.00
45) 2-Fluorobiphenyl	13.659	172	274672	84.486	ng	0.00
79) Terphenyl-d14	20.338	244	537162	95.125	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.594	70	15382	18.033	ng	# 77
51) 2,6-Dinitrotoluene	15.034	165	5863	7.812	ng	# 18
57) 2,4-Dinitrotoluene	15.034	165	5863	5.539	ng	# 18
67) 4-Bromophenyl-phenylether	16.508	248	6071	4.196	ng	# 1
77) Benzidine	20.338	184	8697	3.330	ng	# 88

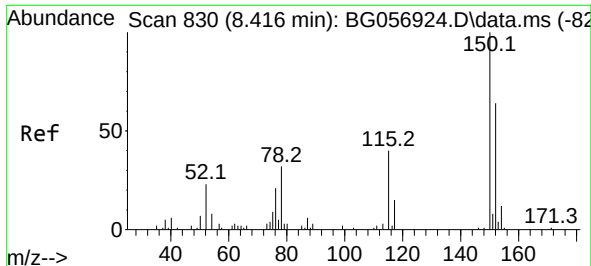
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
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Quant Time: Apr 06 02:00:23 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

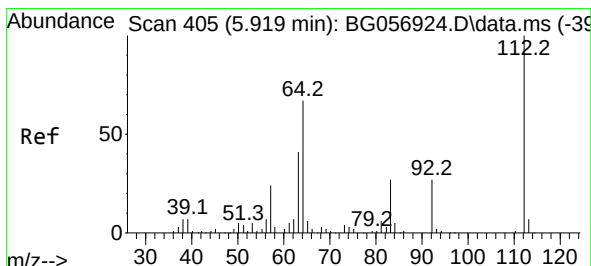
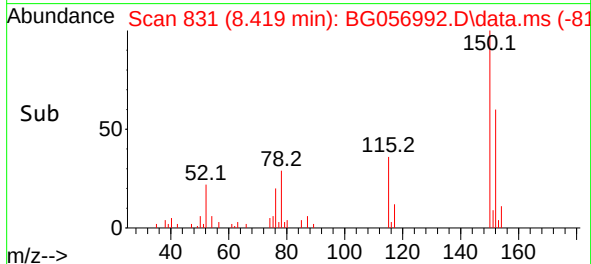
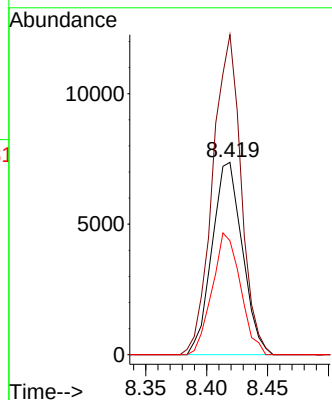
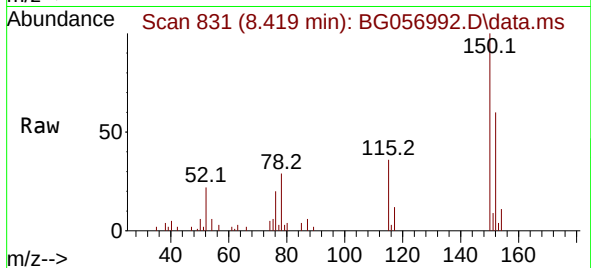




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.419 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

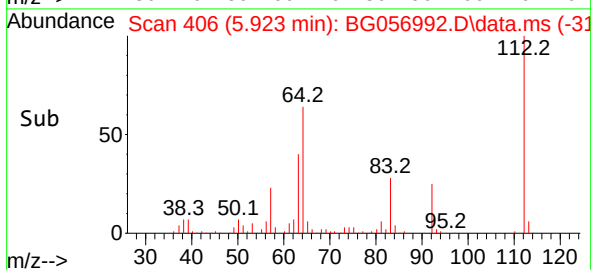
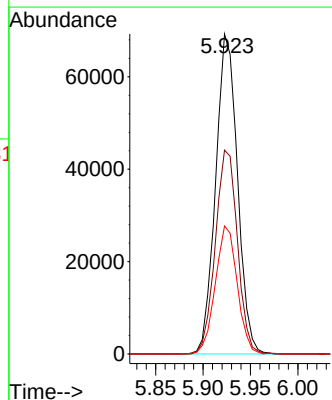
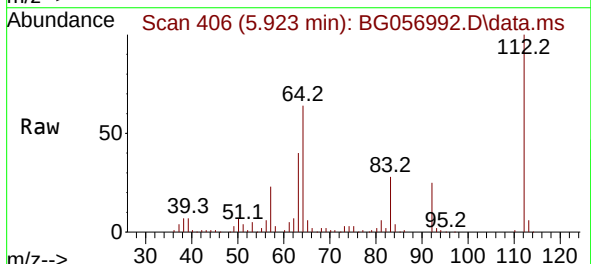
Instrument :
BNA_G
ClientSampleId :
PB151887BL

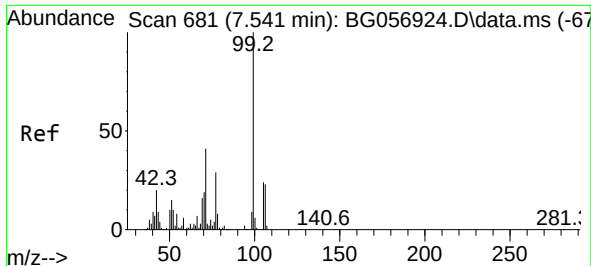
Tgt Ion:152 Resp: 12761
Ion Ratio Lower Upper
152 100
150 166.3 124.1 186.1
115 59.2 49.1 73.7



#5
2-Fluorophenol
Concen: 139.439 ng
RT: 5.923 min Scan# 406
Delta R.T. -0.001 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

Tgt Ion:112 Resp: 111180
Ion Ratio Lower Upper
112 100
64 63.7 53.2 79.8
63 40.0 32.6 48.8

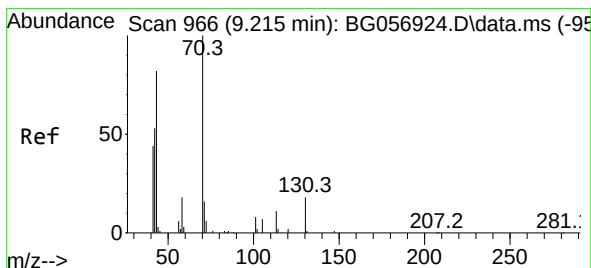
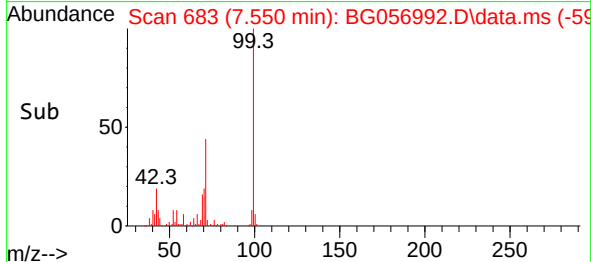
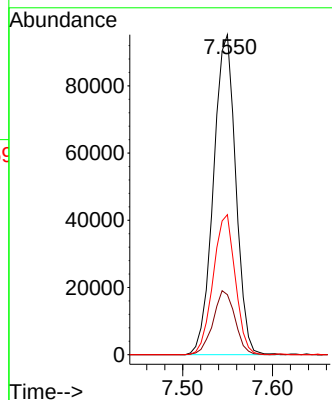
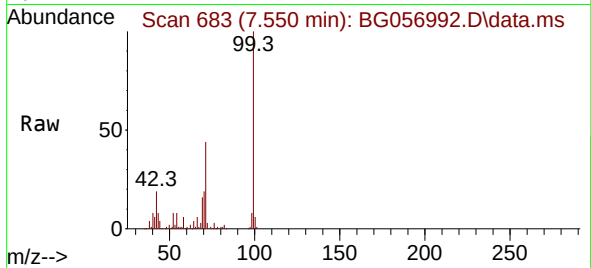




#7
Phenol-d6
Concen: 137.449 ng
RT: 7.550 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

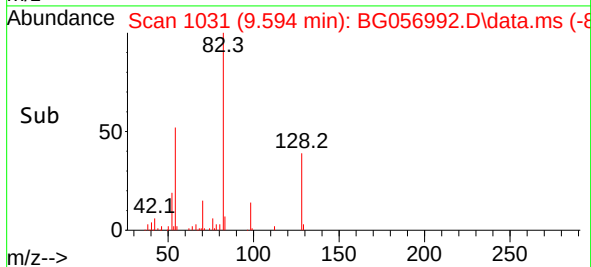
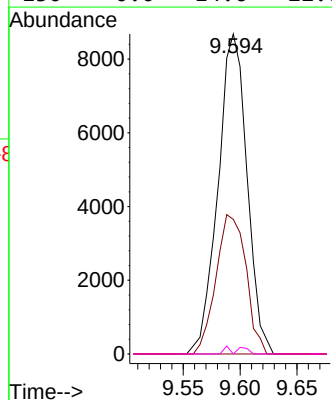
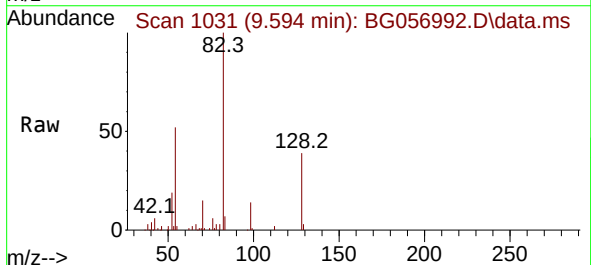
Instrument :
BNA_G
ClientSampleId :
PB151887BL

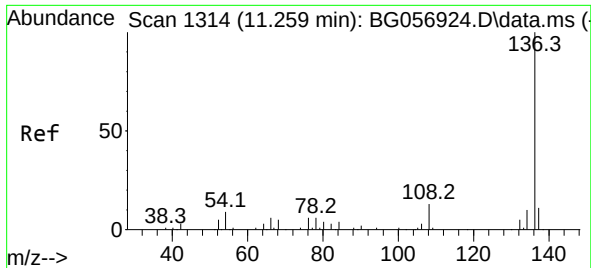
Tgt Ion: 99 Resp: 163911
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 43.8 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.033 ng
RT: 9.594 min Scan# 1031
Delta R.T. 0.375 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

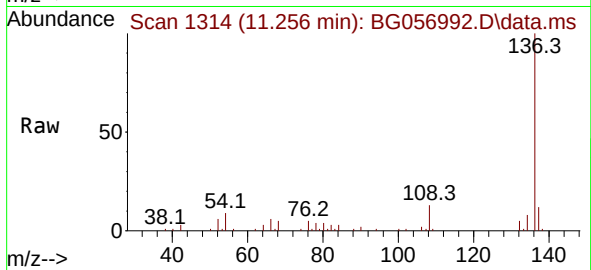
Tgt Ion: 70 Resp: 15382
Ion Ratio Lower Upper
70 100
42 42.1 43.4 65.0#
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#



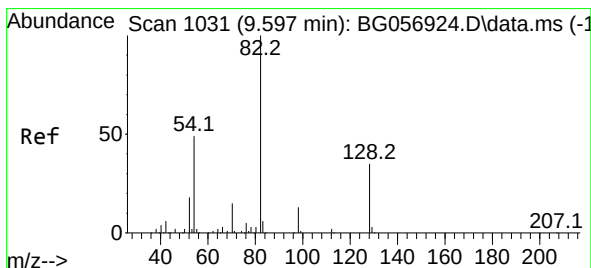
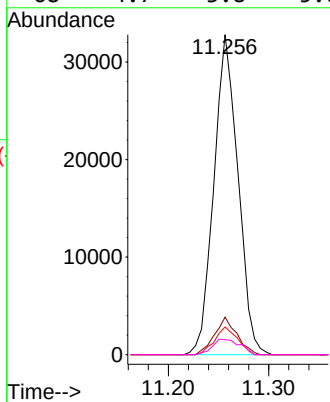
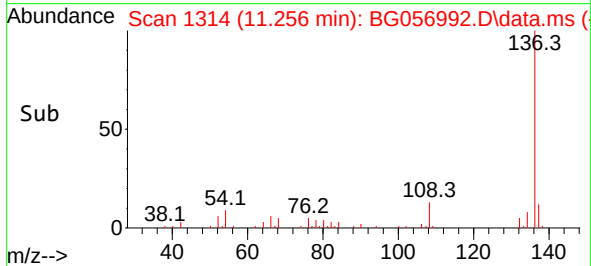


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

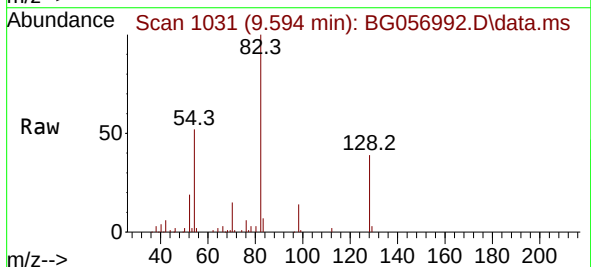
Instrument :
BNA_G
ClientSampleId :
PB151887BL



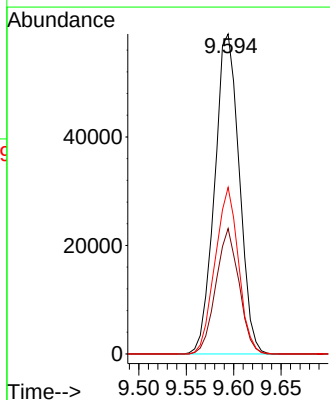
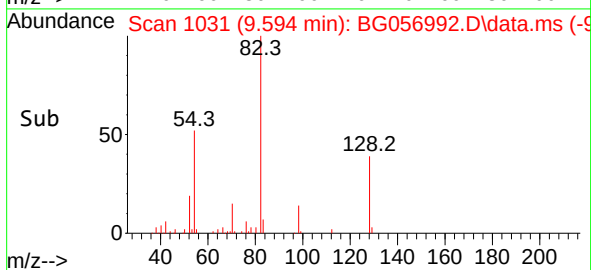
Tgt Ion:	136	Resp:	54704
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	13.0
54	8.6	6.9	10.3
68	4.7	3.8	5.6

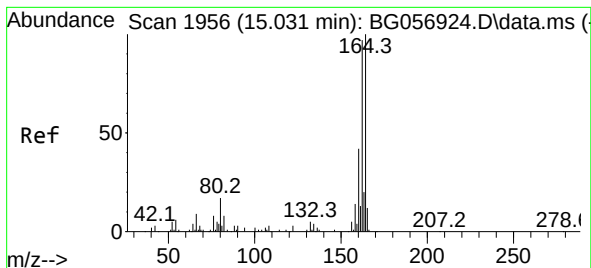


#23
Nitrobenzene-d5
Concen: 79.703 ng
RT: 9.594 min Scan# 1031
Delta R.T. -0.001 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51



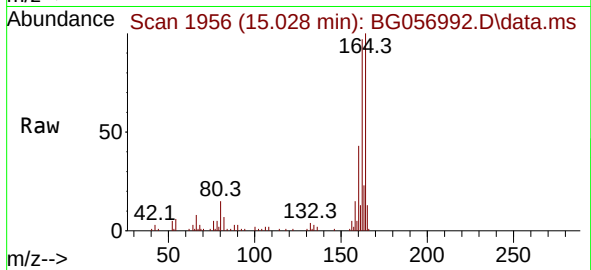
Tgt Ion:	82	Resp:	106558
Ion Ratio	Lower	Upper	
82	100		
128	39.2	27.9	41.9
54	52.1	39.4	59.2



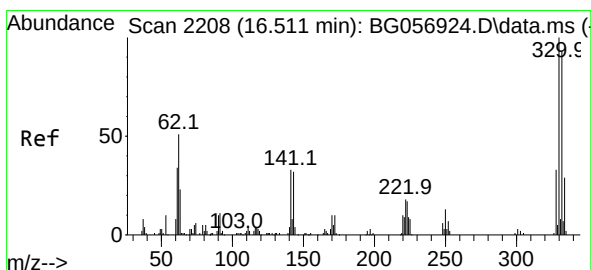
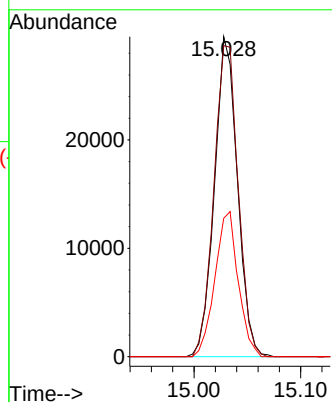
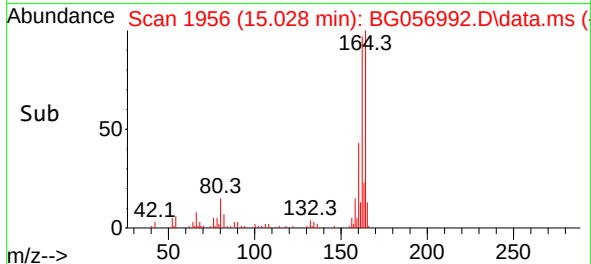


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.028 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

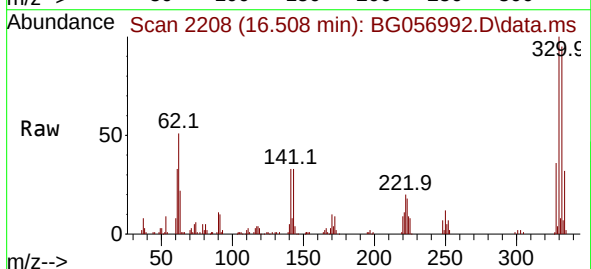
Instrument :
BNA_G
ClientSampleId :
PB151887BL



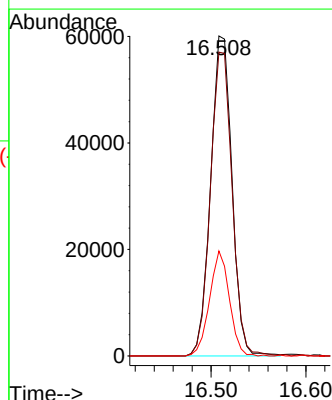
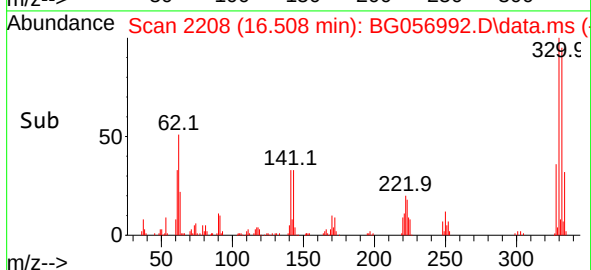
Tgt Ion:164 Resp: 44085
Ion Ratio Lower Upper
164 100
162 97.2 77.8 116.8
160 43.2 33.5 50.3

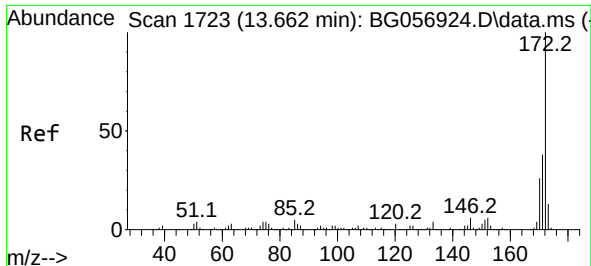


#42
2,4,6-Tribromophenol
Concen: 133.416 ng
RT: 16.508 min Scan# 2208
Delta R.T. -0.001 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51



Tgt Ion:330 Resp: 93961
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 30.5 25.8 38.6

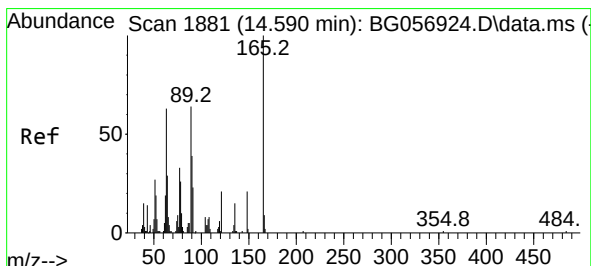
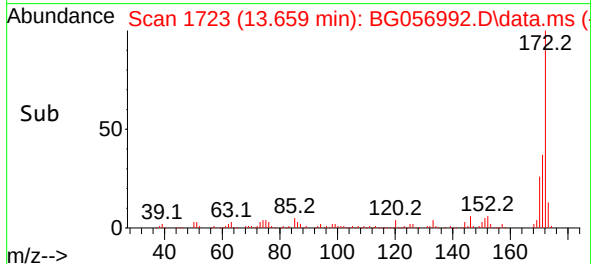
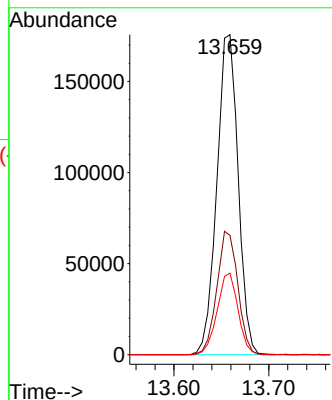
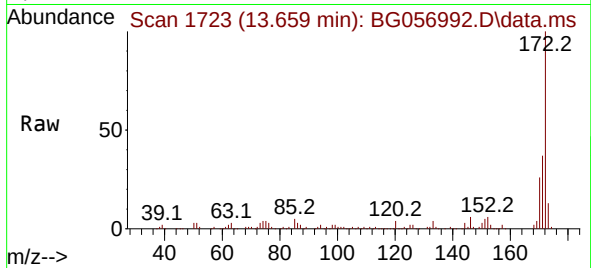




#45
2-Fluorobiphenyl
Concen: 84.486 ng
RT: 13.659 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

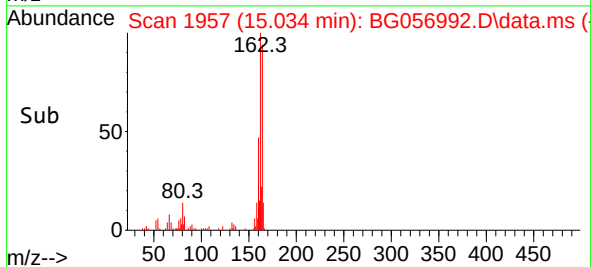
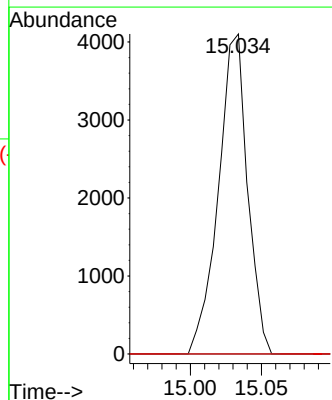
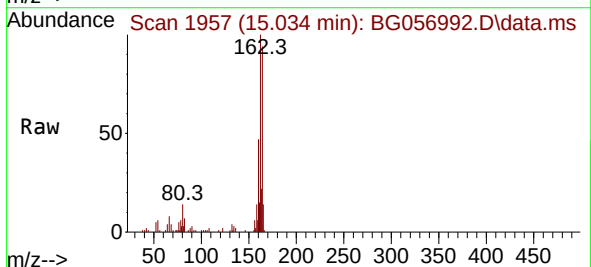
Instrument :
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ClientSampleId :
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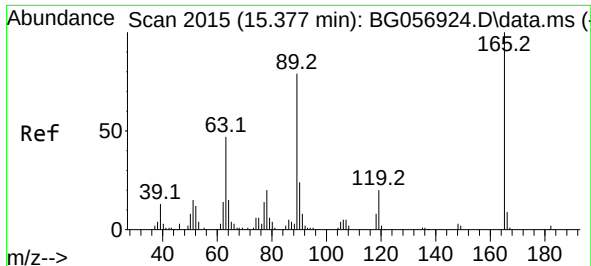
Tgt Ion:172 Resp: 274672
Ion Ratio Lower Upper
172 100
171 37.3 30.6 46.0
170 25.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.812 ng
RT: 15.034 min Scan# 1957
Delta R.T. 0.440 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

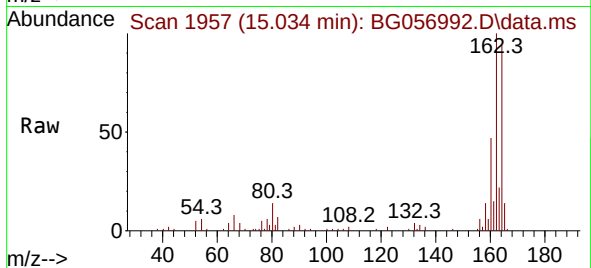
Tgt Ion:165 Resp: 5863
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#



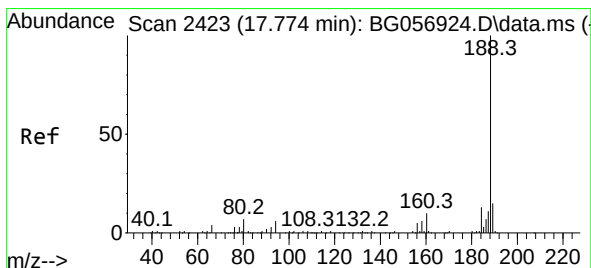
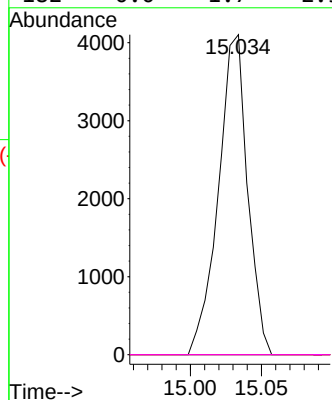
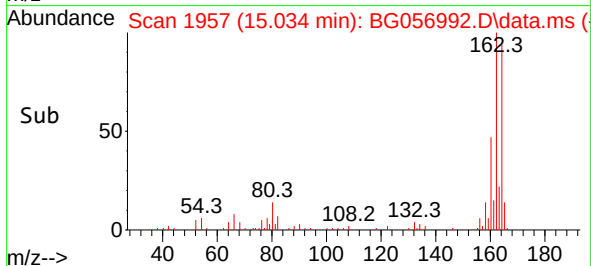


#57
2,4-Dinitrotoluene
Concen: 5.539 ng
RT: 15.034 min Scan# 1957
Delta R.T. -0.341 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

Instrument :
BNA_G
ClientSampleId :
PB151887BL

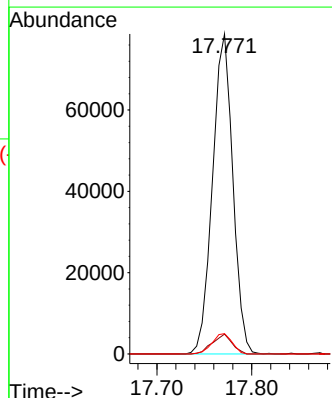
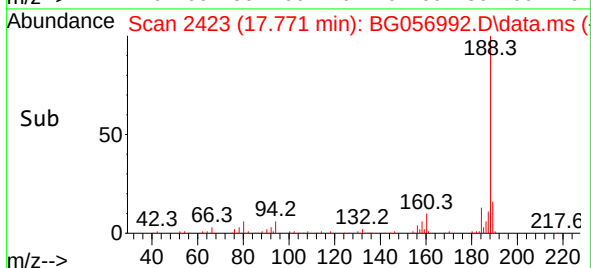
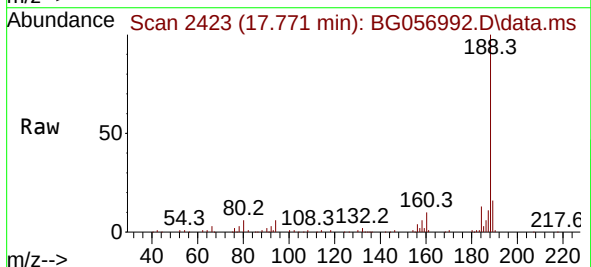


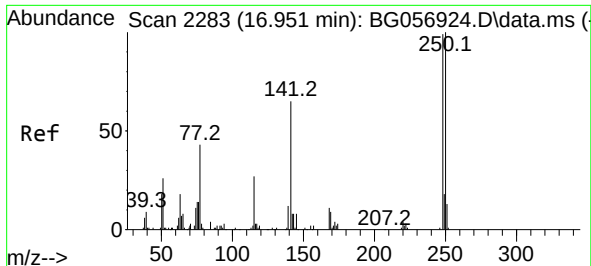
Tgt Ion:165 Resp: 5863
Ion Ratio Lower Upper
165 100
63 0.0 37.7 56.5#
89 0.0 63.2 94.8#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2423
Delta R.T. 0.005 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

Tgt Ion:188 Resp: 116922
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 6.4 5.5 8.3

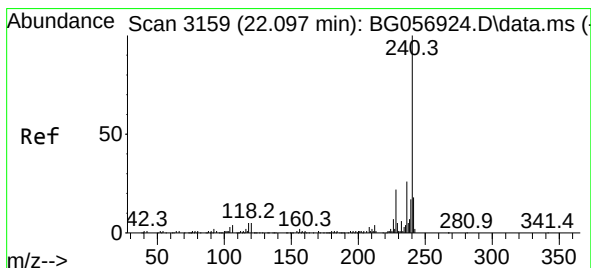
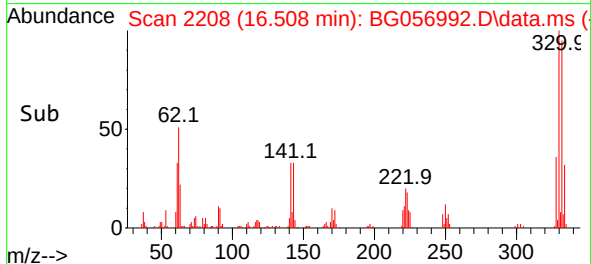
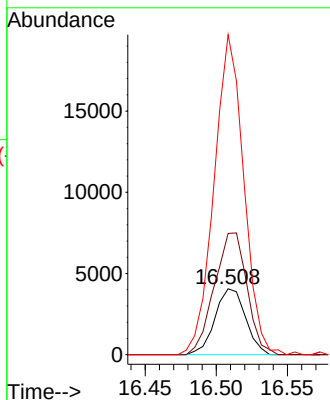
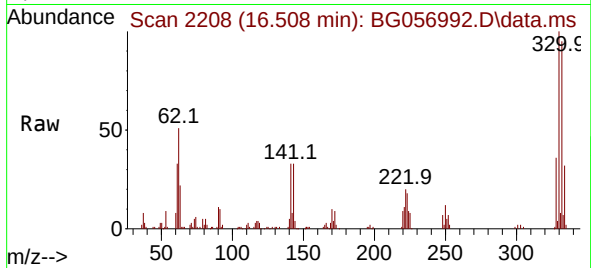




#67
4-Bromophenyl-phenylether
Concen: 4.196 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

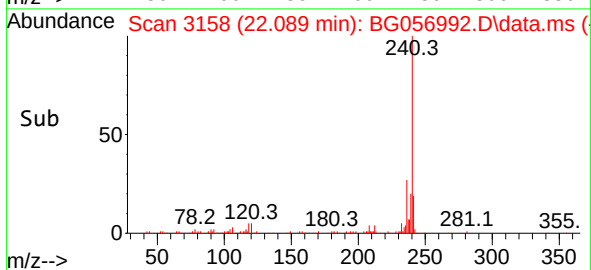
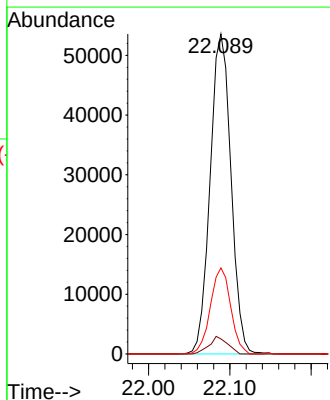
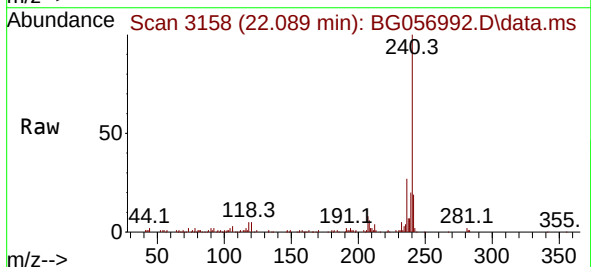
Instrument :
BNA_G
ClientSampleId :
PB151887BL

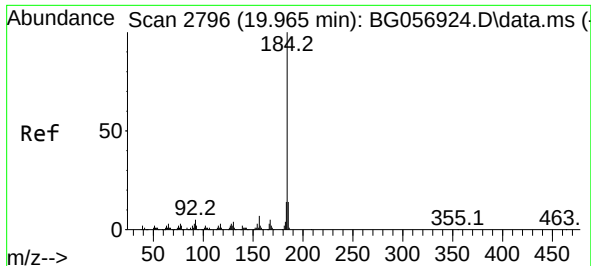
Tgt Ion:248 Resp: 6071
Ion Ratio Lower Upper
248 100
250 184.0 80.5 120.7#
141 485.8 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

Tgt Ion:240 Resp: 95555
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.6
236 26.9 21.0 31.6

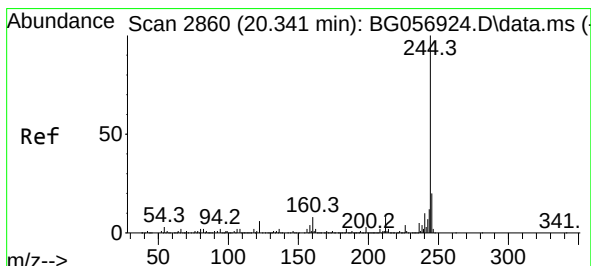
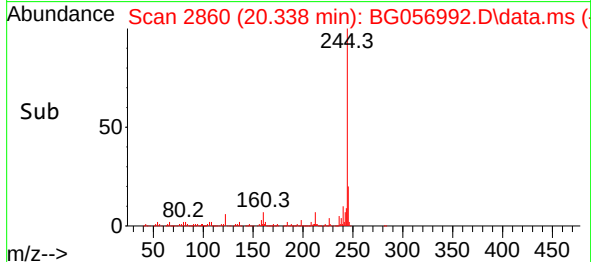
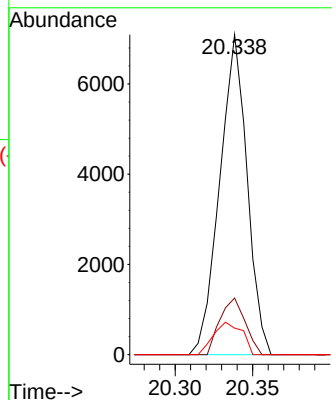
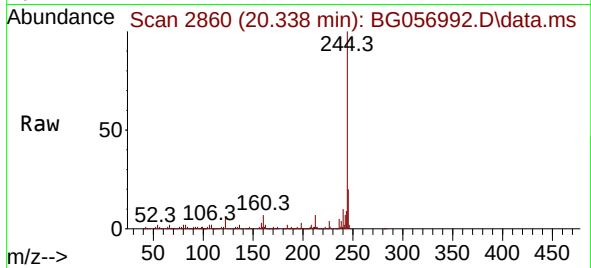




#77
Benzidine
Concen: 3.330 ng
RT: 20.338 min Scan# 2860
Delta R.T. 0.375 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

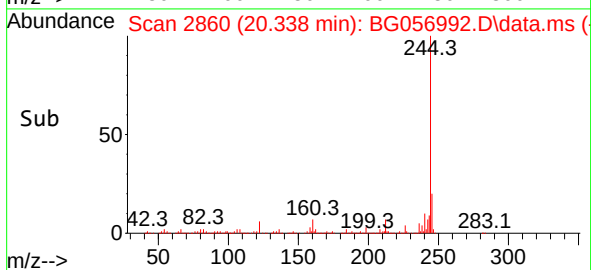
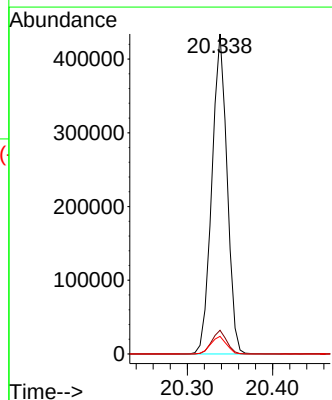
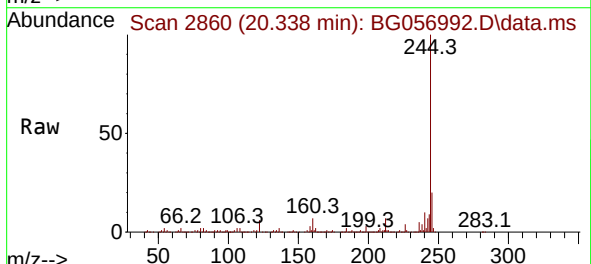
Instrument :
BNA_G
ClientSampleId :
PB151887BL

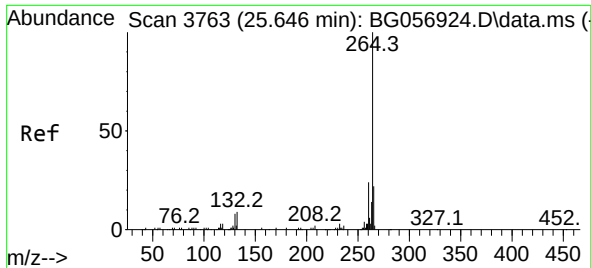
Tgt Ion:184 Resp: 8697
Ion Ratio Lower Upper
184 100
185 17.7 11.0 16.4#
183 8.3 11.4 17.0#



#79
Terphenyl-d14
Concen: 95.125 ng
RT: 20.338 min Scan# 2860
Delta R.T. -0.001 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

Tgt Ion:244 Resp: 537162
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 5.5 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.637 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

Instrument :
BNA_G
ClientSampleId :
PB151887BL

Tgt Ion:264 Resp: 100222

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.4
265	22.3	17.8	26.6

