

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054587.D
 Acq On : 10 Aug 2022 14:04
 Operator : CG/JU
 Sample : N4117-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080322-B

Quant Time: Aug 10 14:46:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

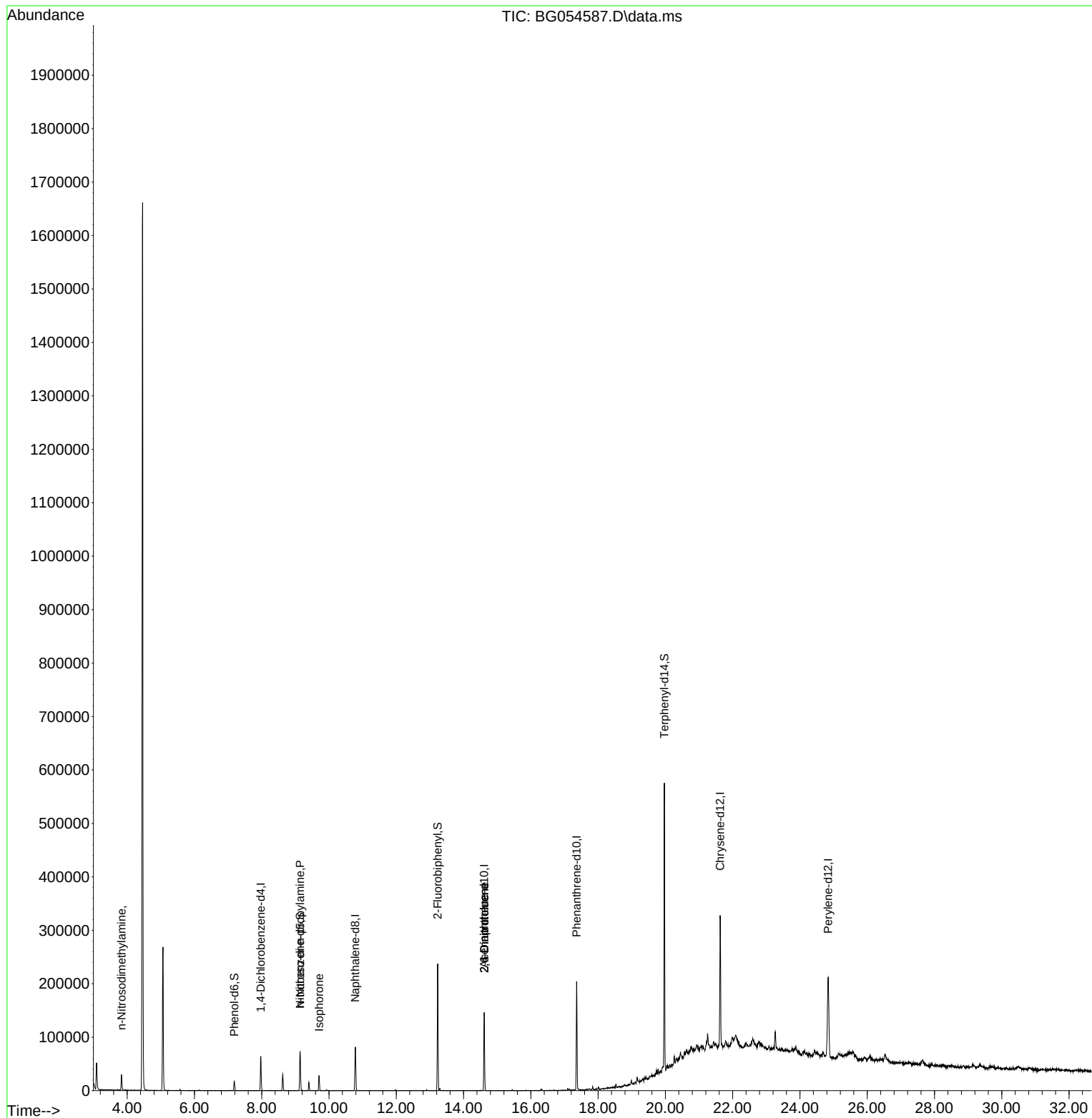
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	20171	20.000	ng	0.00
21) Naphthalene-d8	10.782	136	76822	20.000	ng	# 0.00
39) Acenaphthene-d10	14.613	164	58608	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	146536	20.000	ng	# 0.00
76) Chrysene-d12	21.628	240	171225	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	181553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	1155	1.196	ng	0.00
7) Phenol-d6	7.186	99	11843	8.946	ng	0.00
23) Nitrobenzene-d5	9.137	82	46249	32.785	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.232	172	141277	34.005	ng	0.00
79) Terphenyl-d14	19.971	244	305402	35.384	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.831	42	1147	2.104	ng	# 1
19) n-Nitroso-di-n-propyla...	9.142	70	6667	7.542	ng	# 76
25) Isophorone	9.707	82	21451	8.743	ng	# 91
51) 2,6-Dinitrotoluene	14.618	165	7983	7.950	ng	# 16
57) 2,4-Dinitrotoluene	14.618	165	7983	5.546	ng	# 21

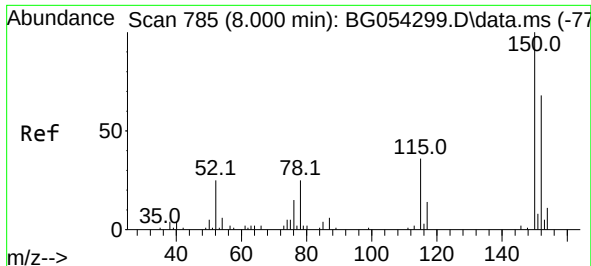
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
Data File : BG054587.D
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Operator : CG/JU
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BNA_G
ClientSampleId :
080322-B

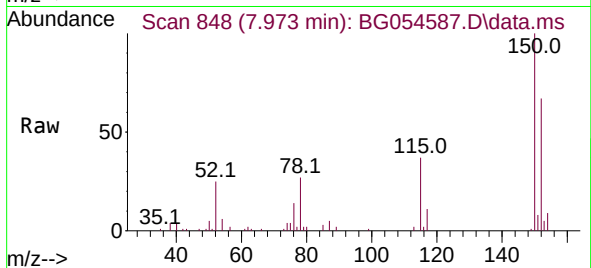
Quant Time: Aug 10 14:46:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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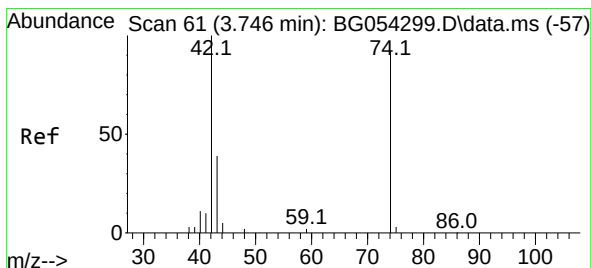
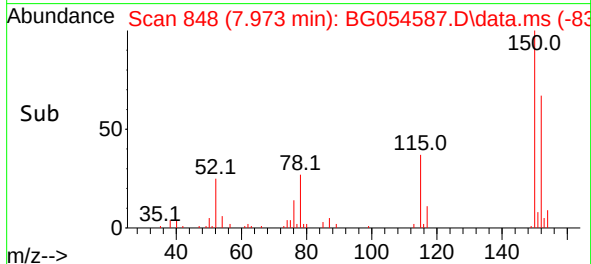
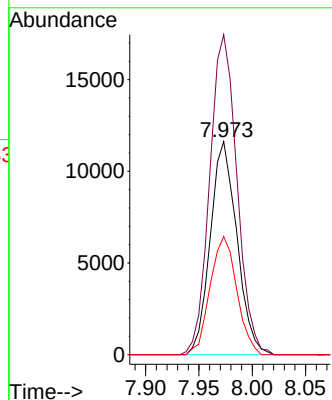


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.973 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

Instrument :
BNA_G
ClientSampleId :
080322-B

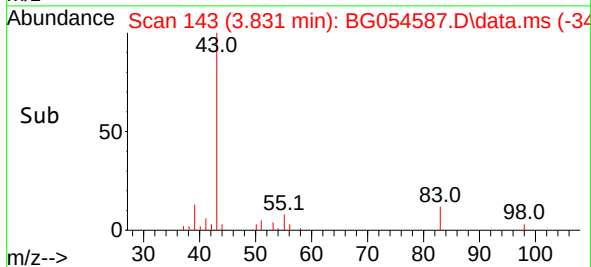
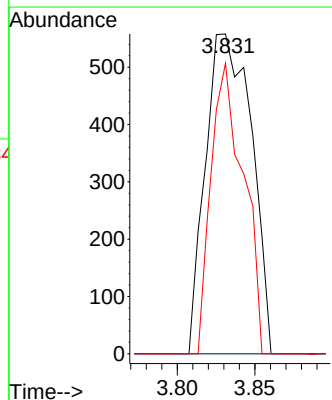
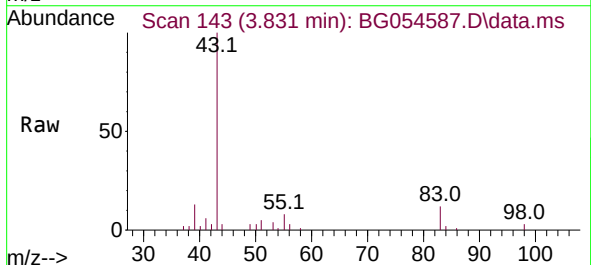


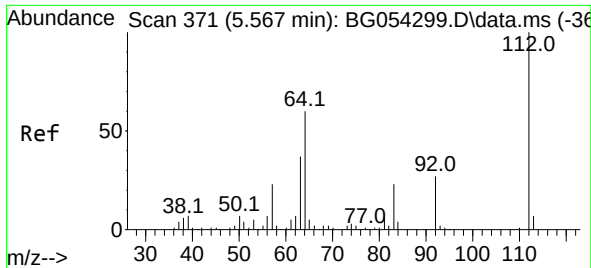
Tgt Ion:152 Resp: 20171
Ion Ratio Lower Upper
152 100
150 150.2 131.6 197.4
115 55.4 50.9 76.3



#4
n-Nitrosodimethylamine
Concen: 2.104 ng
RT: 3.831 min Scan# 143
Delta R.T. 0.113 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

Tgt Ion: 42 Resp: 1147
Ion Ratio Lower Upper
42 100
74 0.0 97.0 145.4#
44 90.9 7.0 10.4#

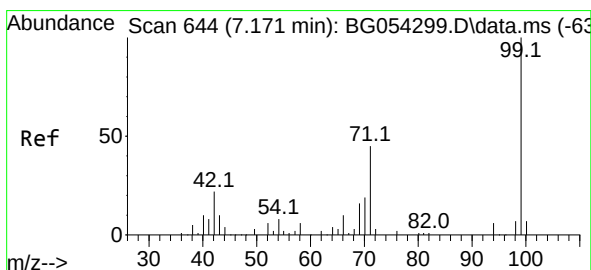
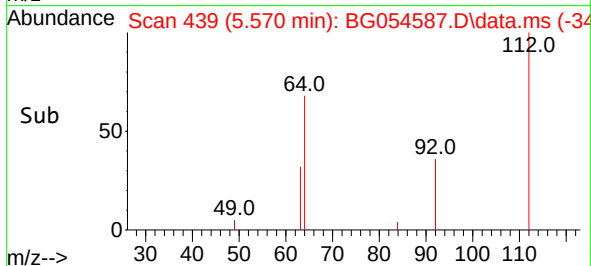
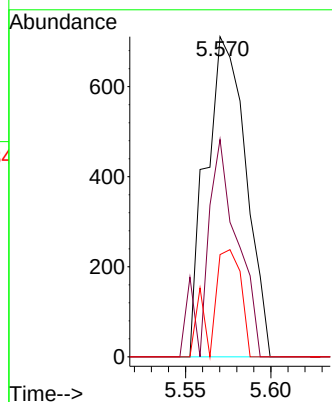
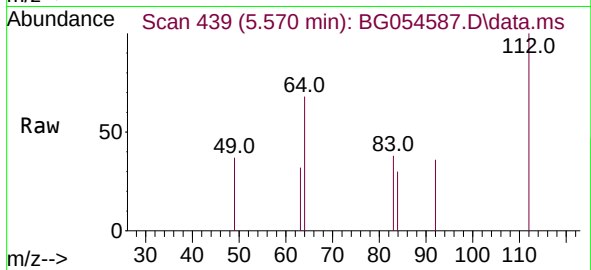




#5
2-Fluorophenol
Concen: 1.196 ng
RT: 5.570 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

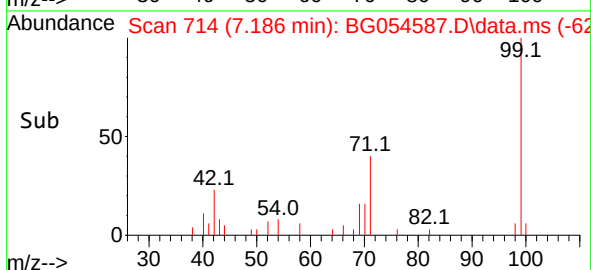
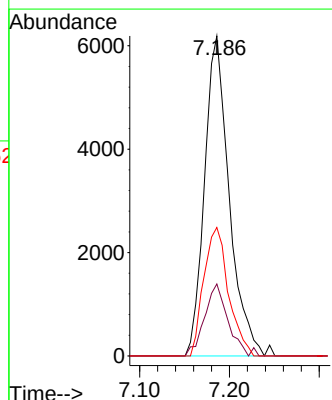
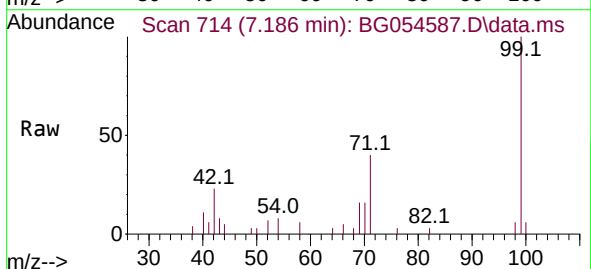
Instrument :
BNA_G
ClientSampleId :
080322-B

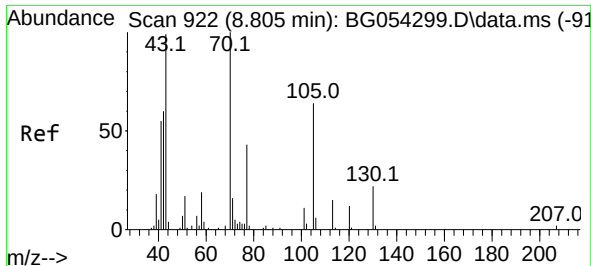
Tgt Ion:112 Resp: 1155
Ion Ratio Lower Upper
112 100
64 67.9 55.1 82.7
63 31.9 30.4 45.6



#7
Phenol-d6
Concen: 8.946 ng
RT: 7.186 min Scan# 714
Delta R.T. 0.007 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

Tgt Ion: 99 Resp: 11843
Ion Ratio Lower Upper
99 100
42 22.5 17.0 25.6
71 40.1 33.8 50.8

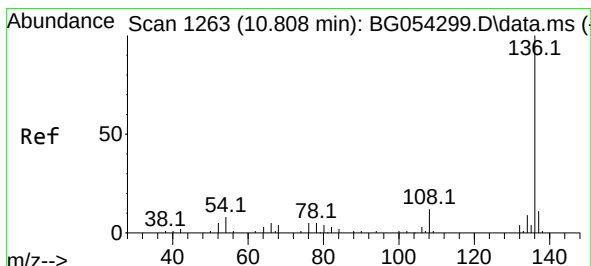
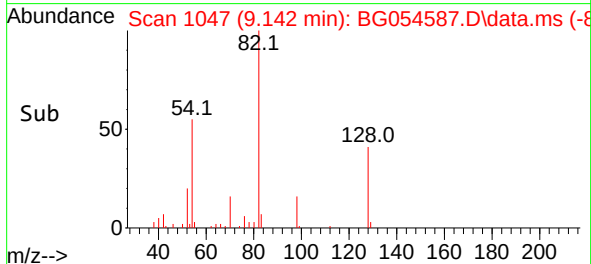
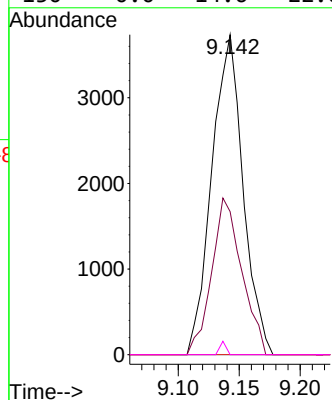
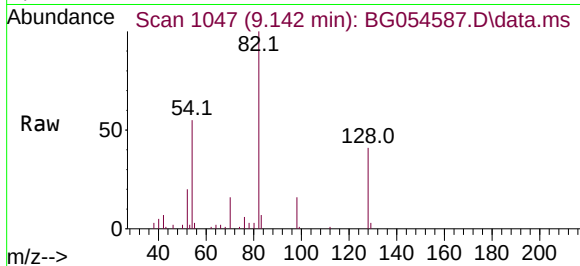




#19
n-Nitroso-di-n-propylamine
Concen: 7.542 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.359 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

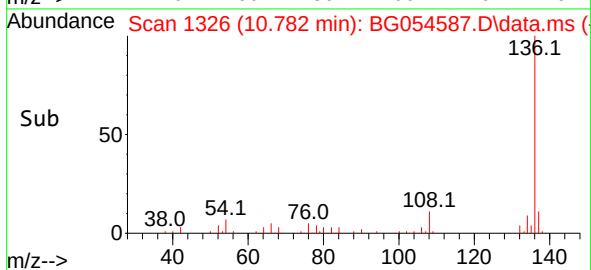
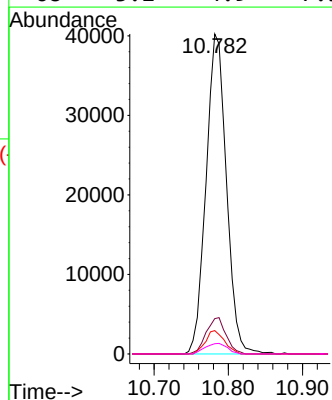
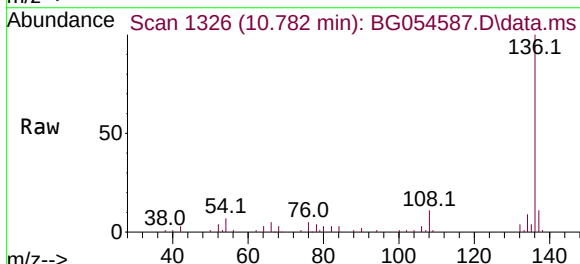
Instrument :
BNA_G
ClientSampleId :
080322-B

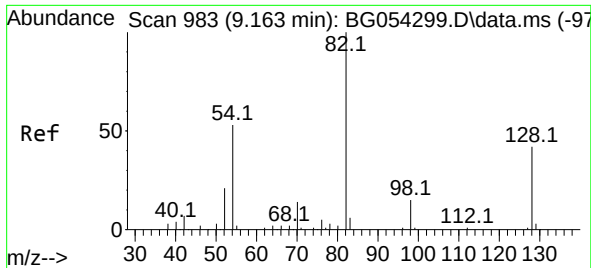
Tgt Ion: 70	Resp: 6667
Ion Ratio	Lower Upper
70	100
42	44.7 47.3 70.9#
101	0.0 7.0 10.4#
130	0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.782 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

Tgt Ion: 136	Resp: 76822
Ion Ratio	Lower Upper
136	100
137	11.1 8.5 12.7
54	7.3 7.4 11.2#
68	3.2 4.9 7.3#

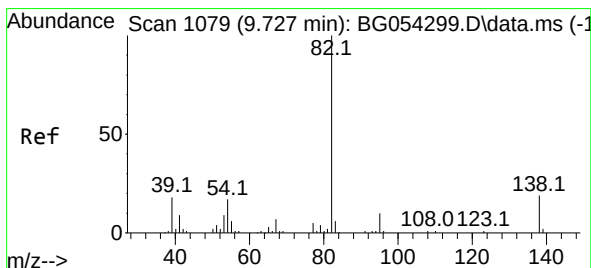
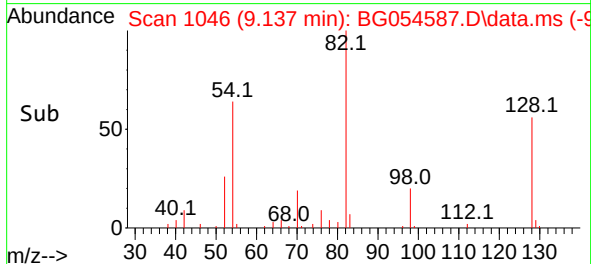
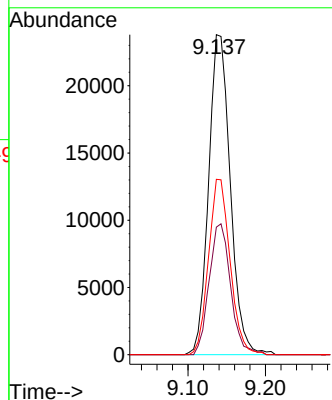
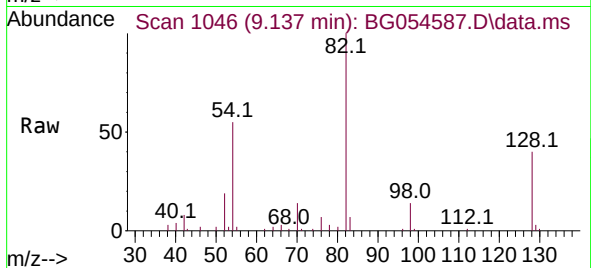




#23
Nitrobenzene-d5
Concen: 32.785 ng
RT: 9.137 min Scan# 1143
Delta R.T. -0.005 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

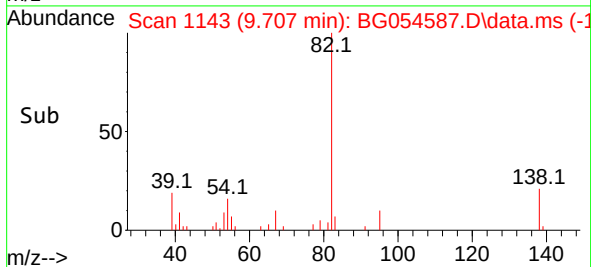
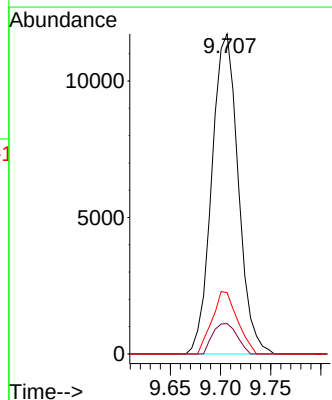
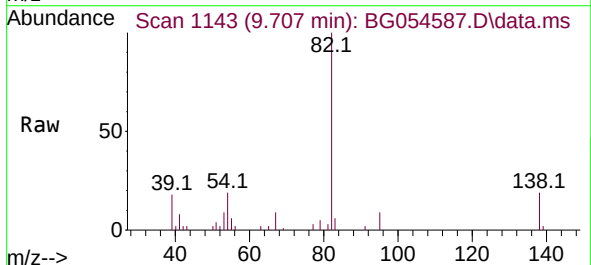
Instrument :
BNA_G
ClientSampleId :
080322-B

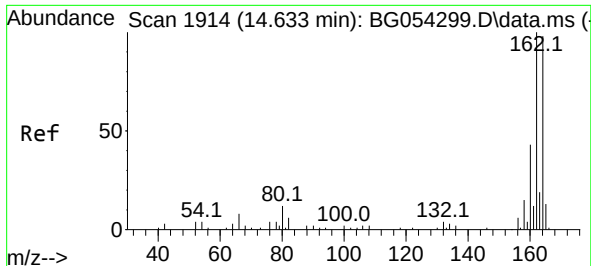
Tgt Ion: 82 Resp: 46249
Ion Ratio Lower Upper
82 100
128 39.9 27.9 41.9
54 54.8 41.2 61.8



#25
Isophorone
Concen: 8.743 ng
RT: 9.707 min Scan# 1143
Delta R.T. 0.001 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

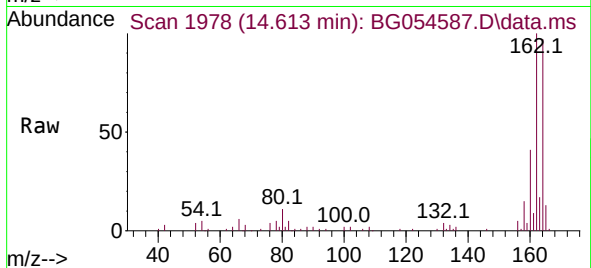
Tgt Ion: 82 Resp: 21451
Ion Ratio Lower Upper
82 100
95 9.5 6.2 9.4#
138 19.1 11.6 17.4#



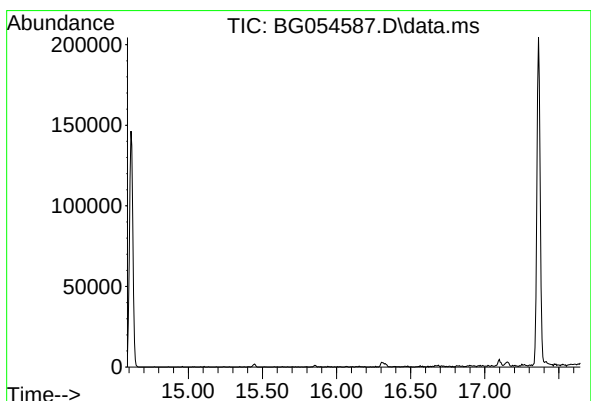
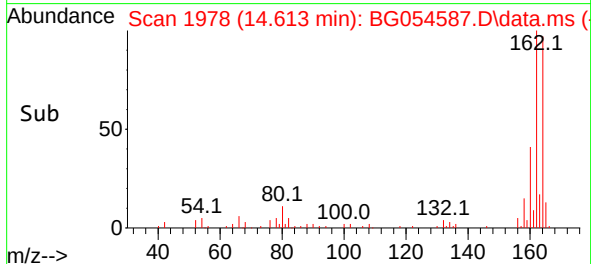
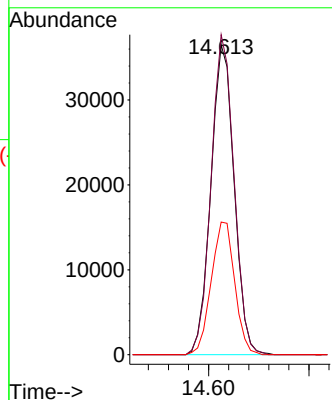


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.613 min Scan# 1914
 Delta R.T. -0.005 min
 Lab File: BG054587.D
 Acq: 10 Aug 2022 14:04

Instrument :
 BNA_G
 ClientSampleId :
 080322-B



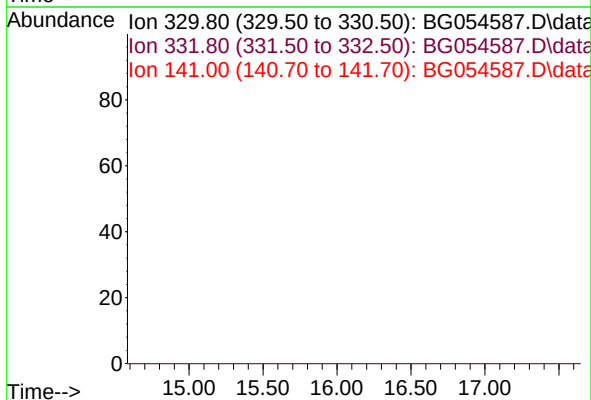
Tgt Ion:164 Resp: 58608
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.3 123.5
 160 42.8 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.12 min

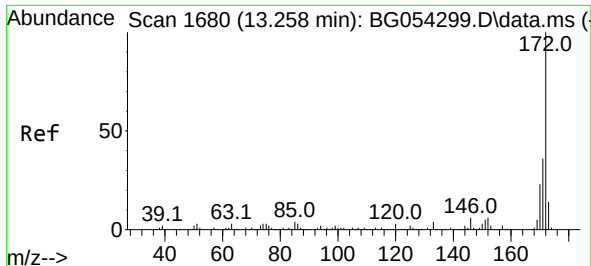
Lab File: BG054587.D
 Acq: 10 Aug 2022 14:04

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.0
 141 33.9



Ion 331.80 (331.50 to 332.50): BG054587.D\data.ms

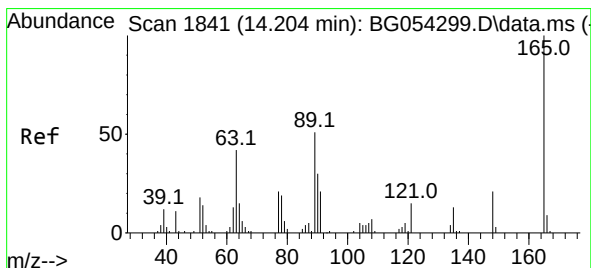
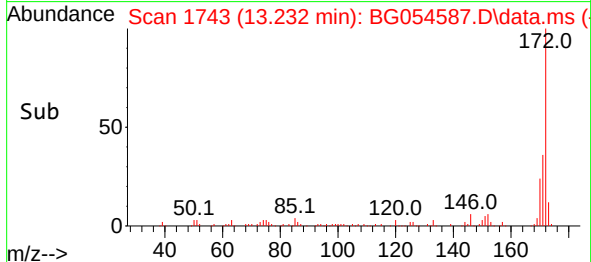
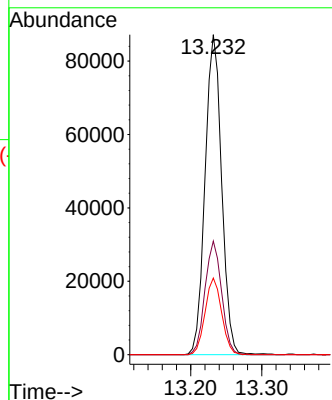
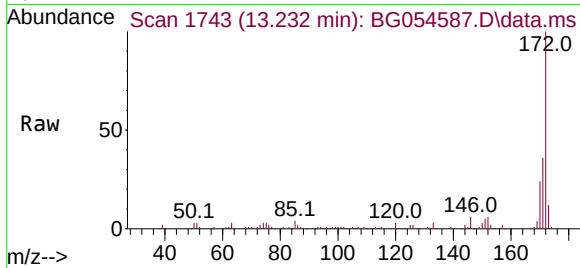
Ion 141.00 (140.70 to 141.70): BG054587.D\data.ms



#45
2-Fluorobiphenyl
Concen: 34.005 ng
RT: 13.232 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

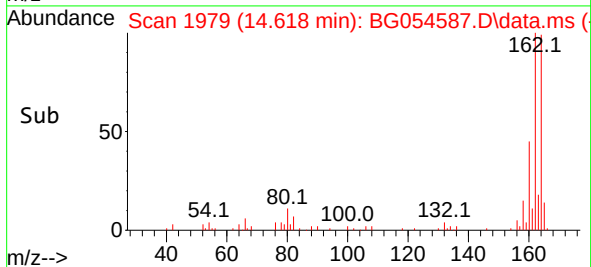
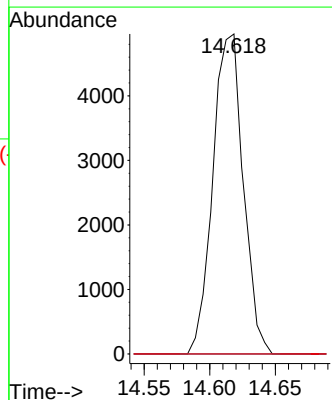
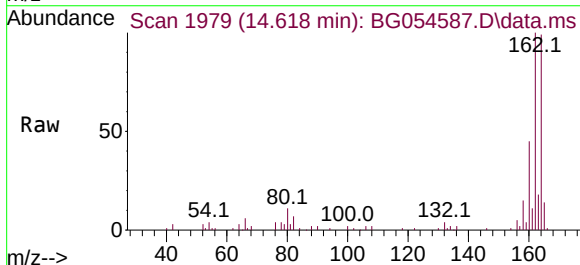
Instrument :
BNA_G
ClientSampleId :
080322-B

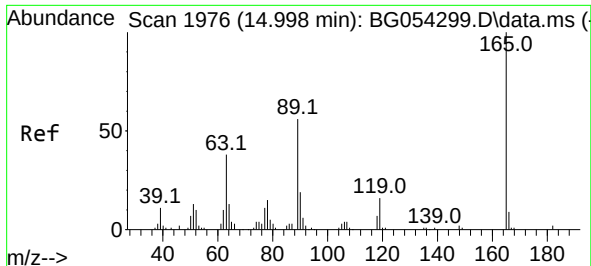
Tgt Ion:172 Resp: 141277
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.950 ng
RT: 14.618 min Scan# 1979
Delta R.T. 0.424 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

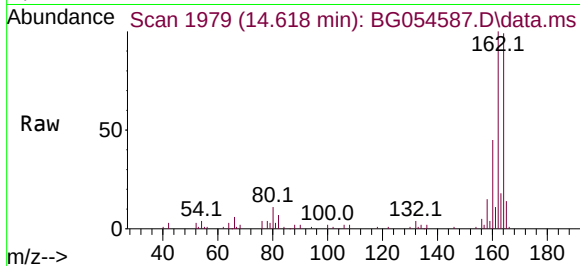
Tgt Ion:165 Resp: 7983
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



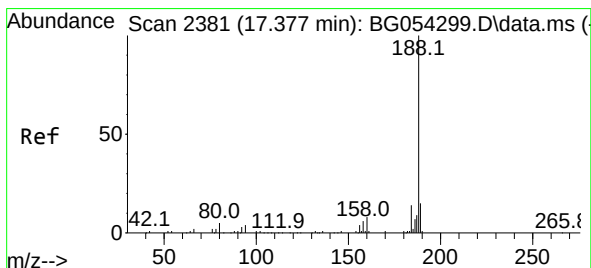
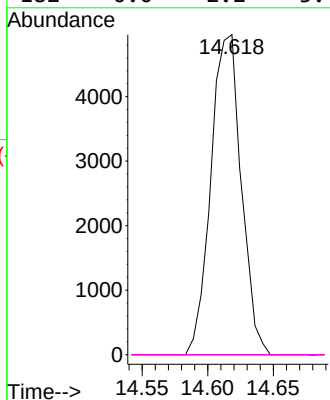
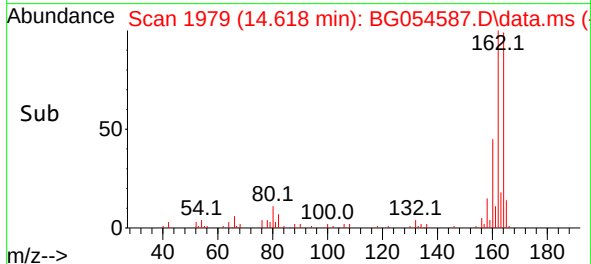


#57
2,4-Dinitrotoluene
Concen: 5.546 ng
RT: 14.618 min Scan# 14
Delta R.T. -0.375 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

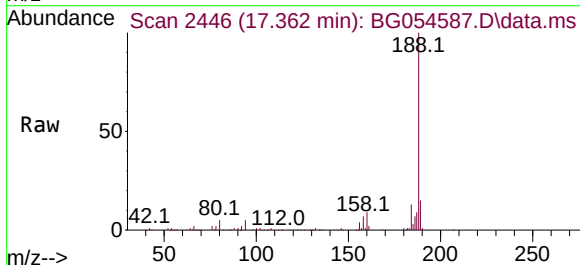
Instrument :
BNA_G
ClientSampleId :
080322-B



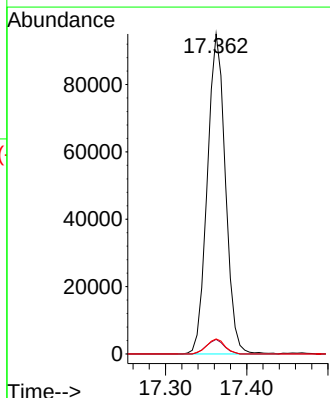
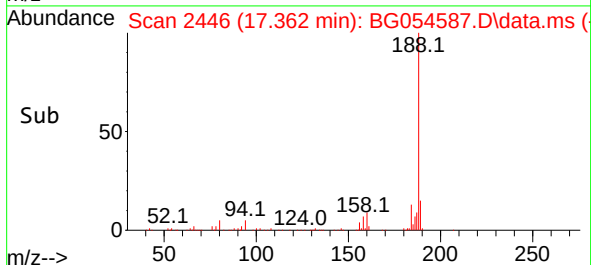
Tgt Ion:165 Resp: 7983
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

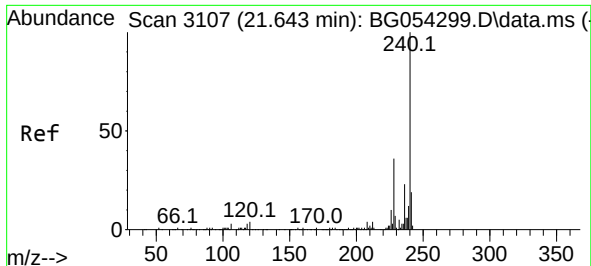


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04



Tgt Ion:188 Resp: 146536
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 4.7 6.8 10.2#

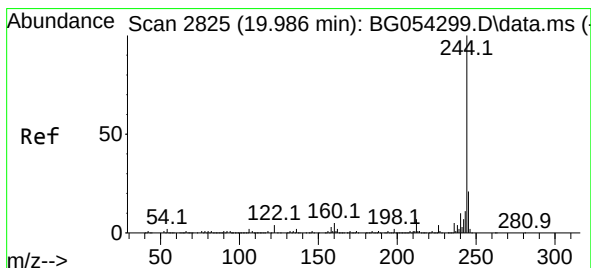
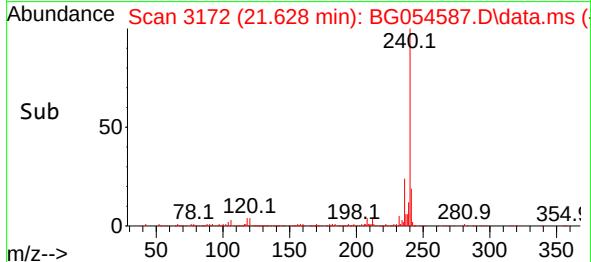
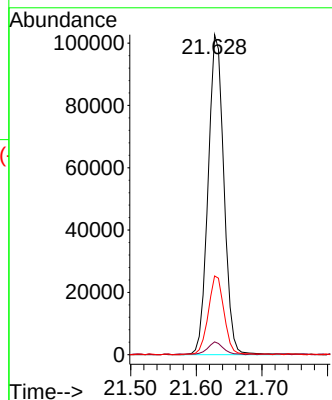
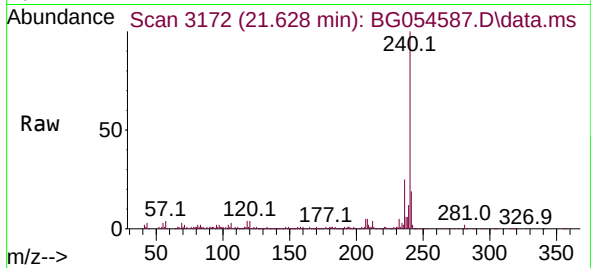




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.628 min Scan# 3107
Delta R.T. -0.005 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

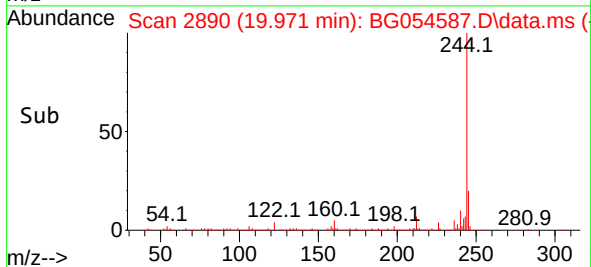
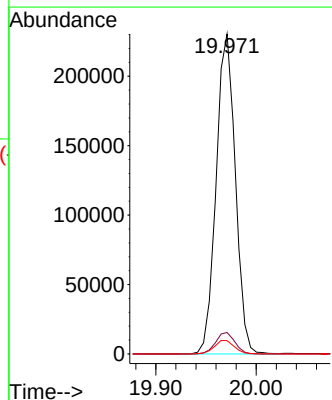
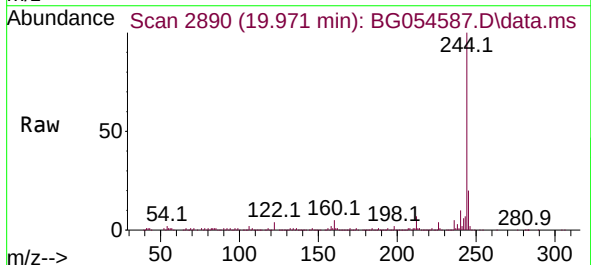
Instrument :
BNA_G
ClientSampleId :
080322-B

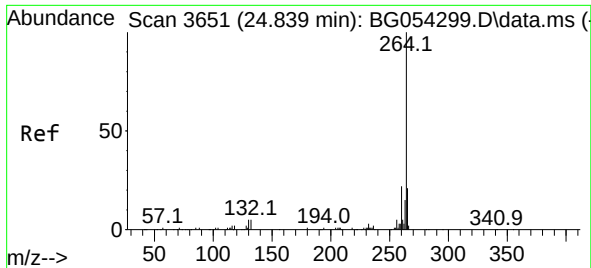
Tgt Ion:240 Resp: 171225
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 24.6 20.2 30.4



#79
Terphenyl-d14
Concen: 35.384 ng
RT: 19.971 min Scan# 2890
Delta R.T. 0.001 min
Lab File: BG054587.D
Acq: 10 Aug 2022 14:04

Tgt Ion:244 Resp: 305402
Ion Ratio Lower Upper
244 100
212 6.7 6.5 9.7
122 4.2 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BG054587.D
 Acq: 10 Aug 2022 14:04

Instrument :
 BNA_G
 ClientSampleId :
 080322-B

Tgt Ion:264 Resp: 181553
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 22.3 17.4 26.2

