

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055019.D
 Acq On : 23 Sep 2022 19:31
 Operator : CG/JU
 Sample : N4751-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-5D

Quant Time: Sep 24 02:29:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

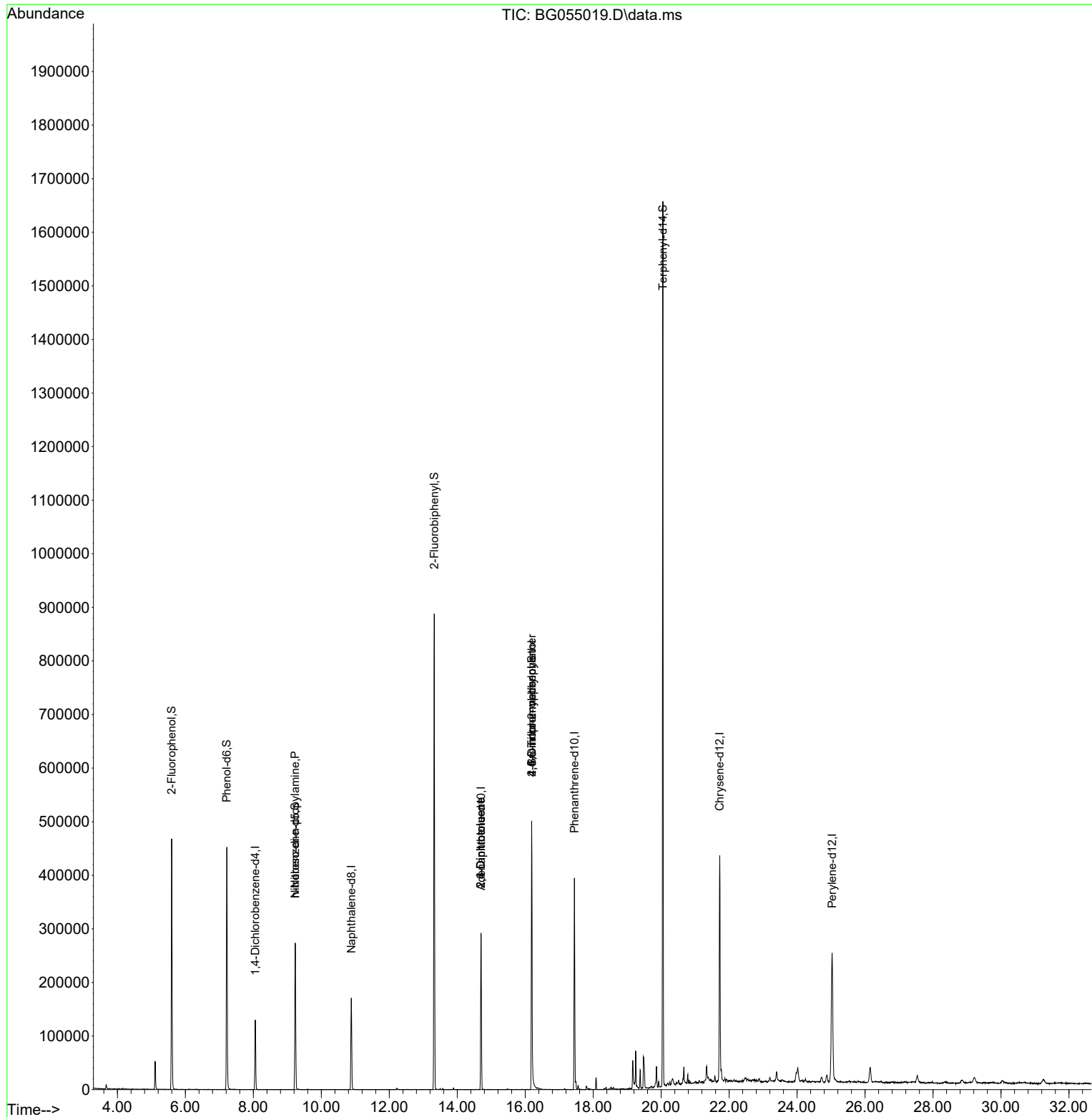
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	41567	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	165047	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	114690	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	262746	20.000	ng	0.00
76) Chrysene-d12	21.725	240	265706	20.000	ng	0.00
86) Perylene-d12	25.033	264	277058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	235717	110.959	ng	0.00
7) Phenol-d6	7.218	99	306467	107.629	ng	0.00
23) Nitrobenzene-d5	9.234	82	177870	62.465	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	134022	99.749	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	488570	67.135	ng	0.00
79) Terphenyl-d14	20.050	244	840772	66.191	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.234	70	21907	11.178	ng	# 72
51) 2,6-Dinitrotoluene	14.698	165	14966	8.105	ng	# 20
57) 2,4-Dinitrotoluene	14.698	165	14966	5.698	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.190	198	222	5.138	ng	# 21
67) 4-Bromophenyl-phenylether	16.190	248	7957	2.746	ng	# 1

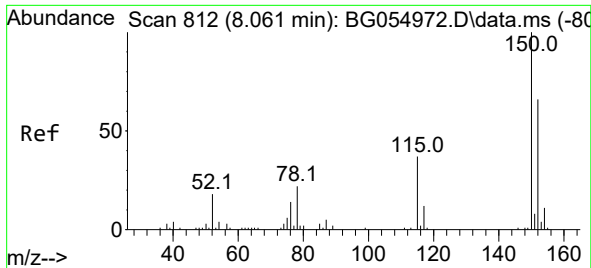
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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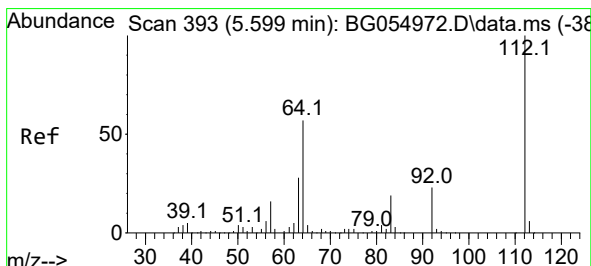
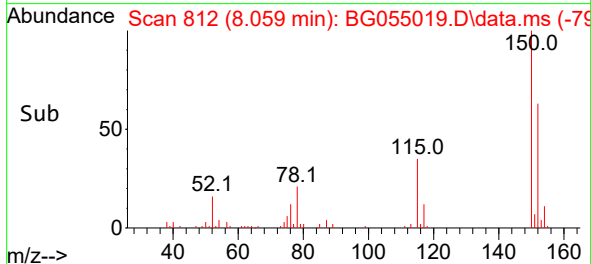
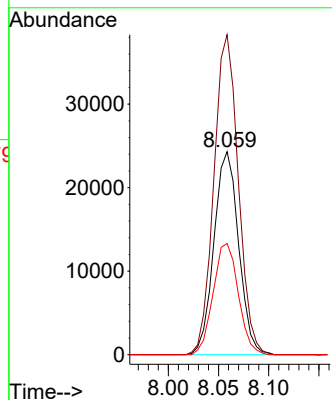
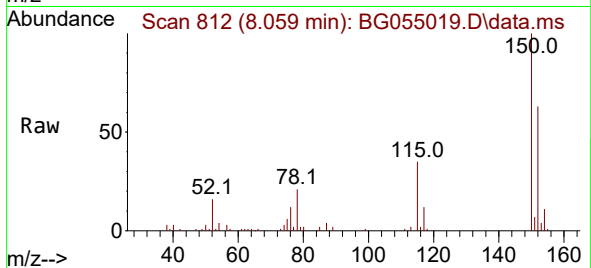




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

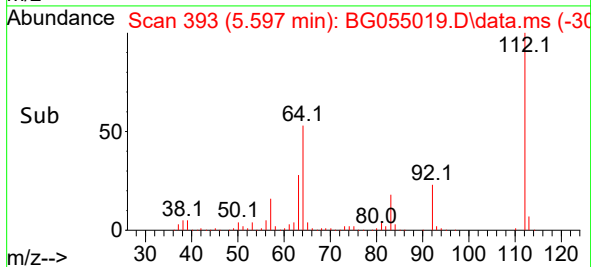
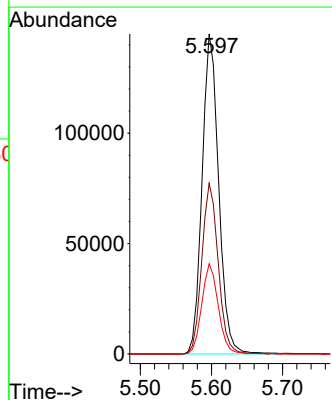
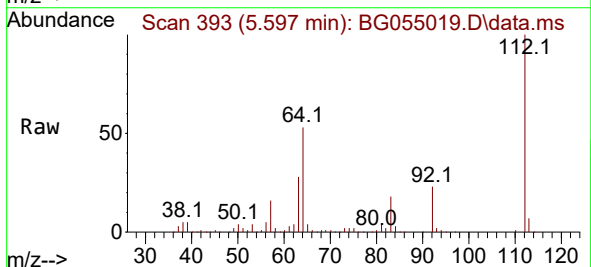
Instrument :
BNA_G
ClientSampleId :
PE-5D

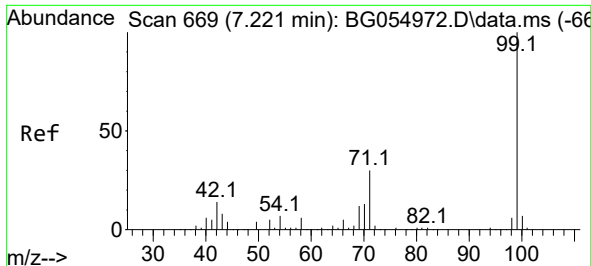
Tgt Ion:152 Resp: 41567
Ion Ratio Lower Upper
152 100
150 157.6 125.2 187.8
115 54.8 47.9 71.9



#5
2-Fluorophenol
Concen: 110.959 ng
RT: 5.597 min Scan# 393
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion:112 Resp: 235717
Ion Ratio Lower Upper
112 100
64 53.3 49.3 73.9
63 28.2 26.3 39.5

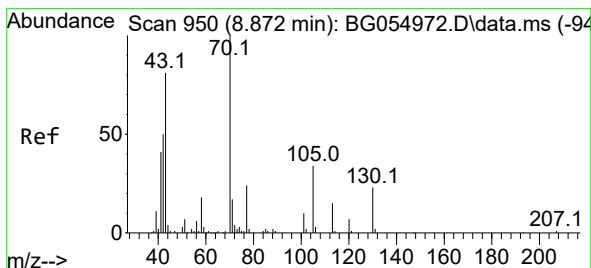
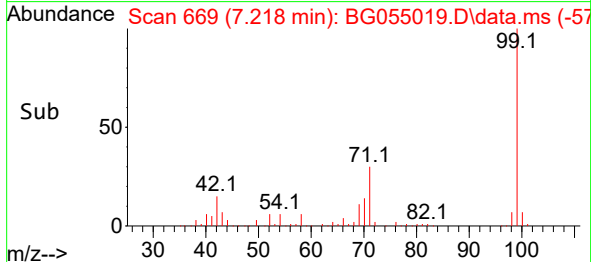
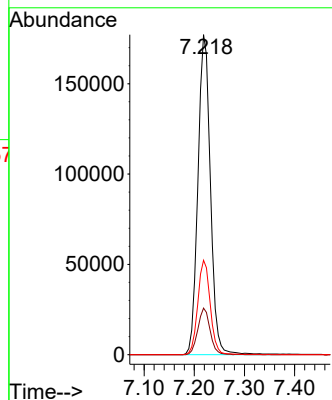
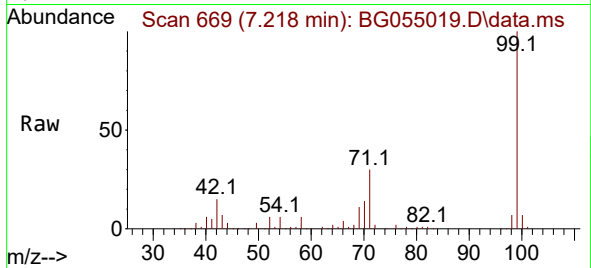




#7
Phenol-d6
Concen: 107.629 ng
RT: 7.218 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

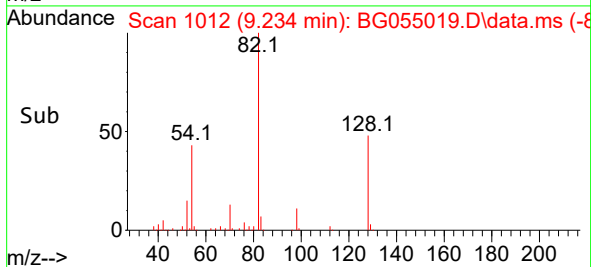
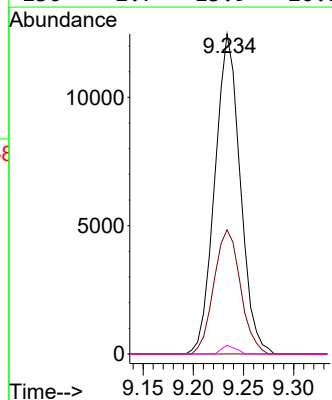
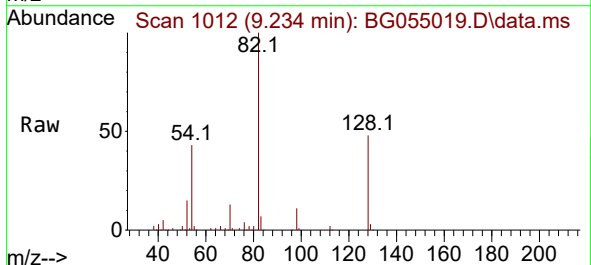
Instrument :
BNA_G
ClientSampleId :
PE-5D

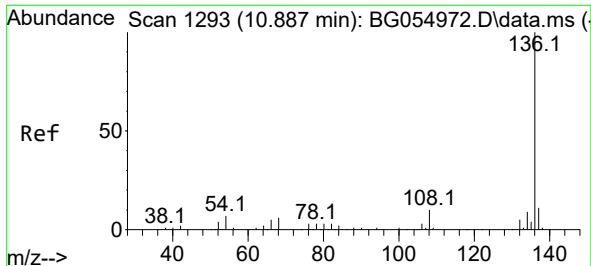
Tgt Ion: 99 Resp: 306467
Ion Ratio Lower Upper
99 100
42 14.5 14.6 22.0#
71 29.5 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.178 ng
RT: 9.234 min Scan# 1012
Delta R.T. 0.362 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion: 70 Resp: 21907
Ion Ratio Lower Upper
70 100
42 38.8 46.6 69.8#
101 0.0 7.7 11.5#
130 2.7 13.9 20.9#

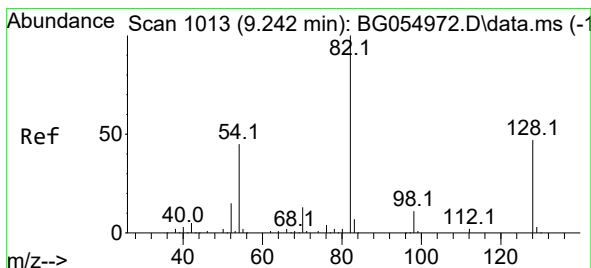
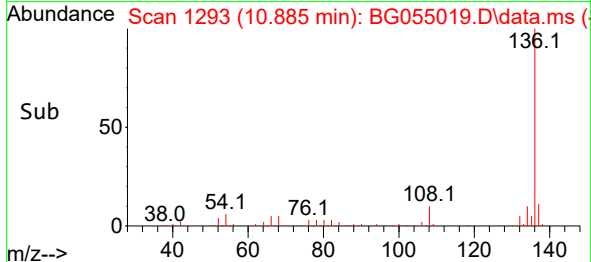
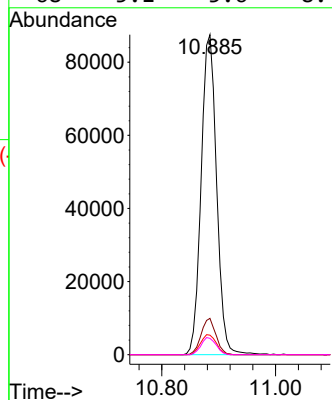
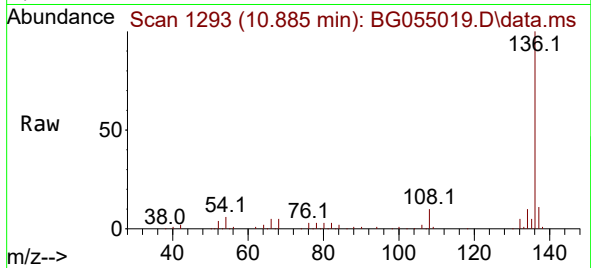




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1012
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

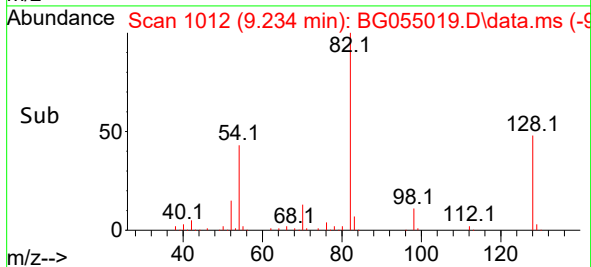
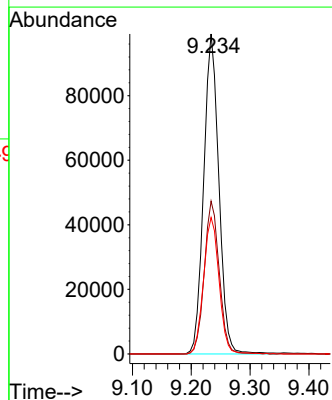
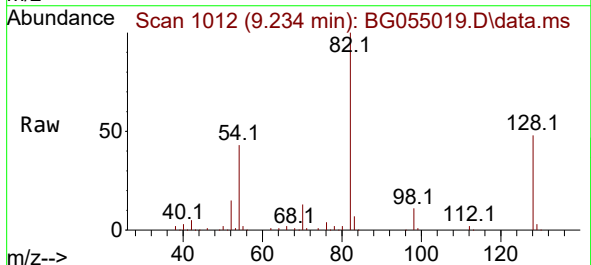
Instrument :
BNA_G
ClientSampleId :
PE-5D

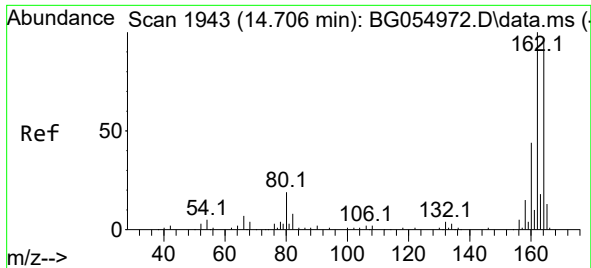
Tgt Ion:136 Resp: 165047
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.1 7.7 11.5#
68 5.1 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 62.465 ng
RT: 9.234 min Scan# 1012
Delta R.T. -0.008 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion: 82 Resp: 177870
Ion Ratio Lower Upper
82 100
128 47.7 32.2 48.2
54 42.6 41.4 62.0

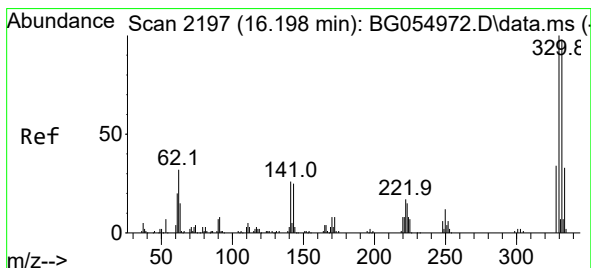
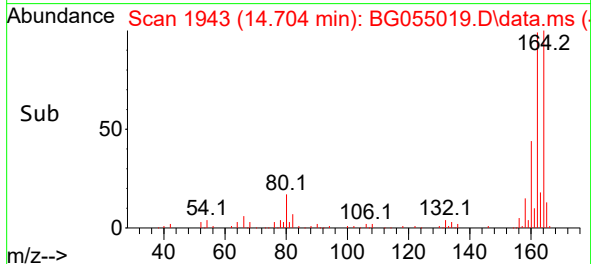
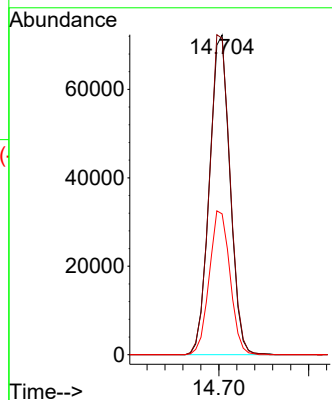
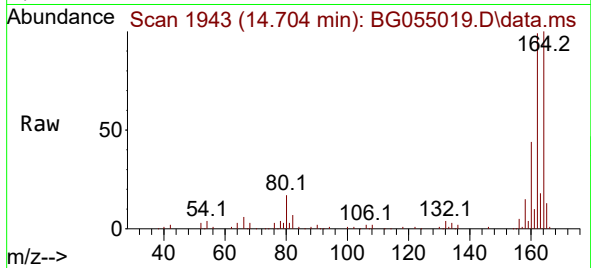




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

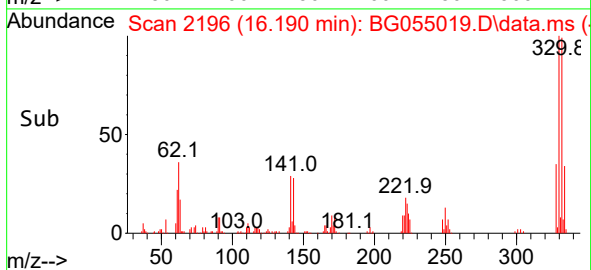
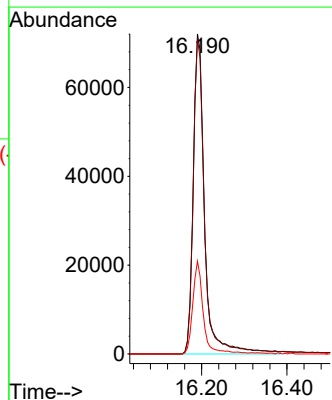
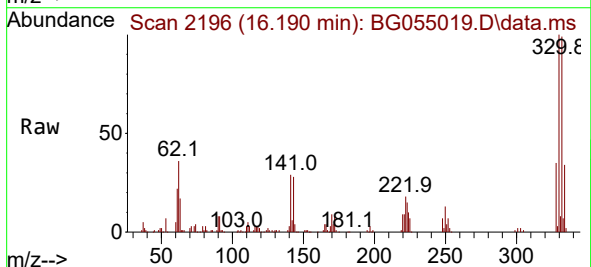
Instrument :
BNA_G
ClientSampleId :
PE-5D

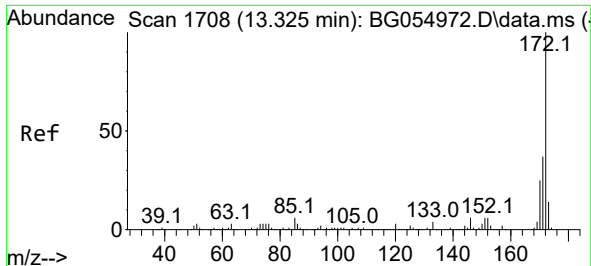
Tgt Ion:164 Resp: 114690
Ion Ratio Lower Upper
164 100
162 99.0 83.0 124.4
160 44.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 99.749 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion:330 Resp: 134022
Ion Ratio Lower Upper
330 100
332 97.8 79.8 119.6
141 26.7 26.8 40.2#

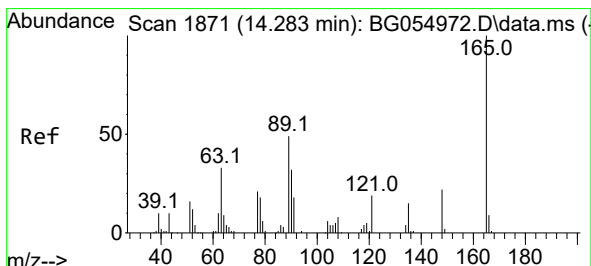
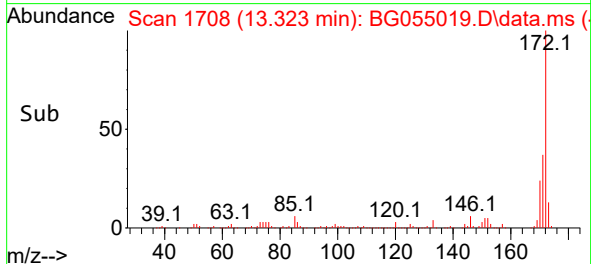
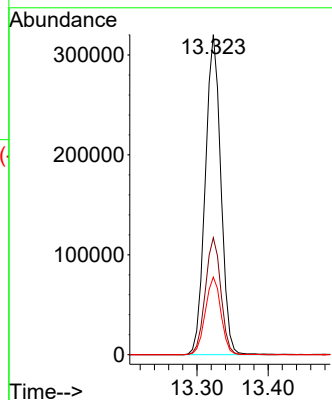
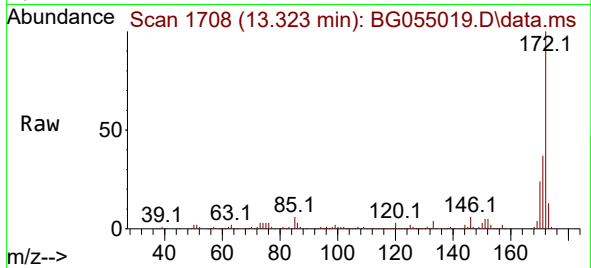




#45
2-Fluorobiphenyl
Concen: 67.135 ng
RT: 13.323 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

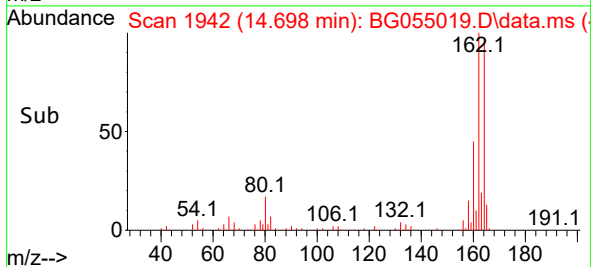
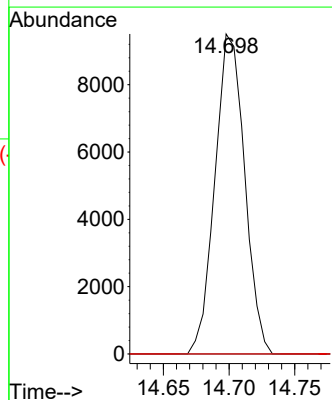
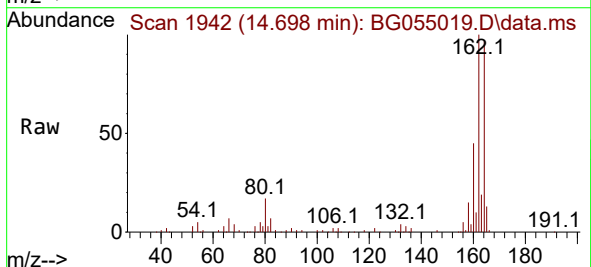
Instrument :
BNA_G
ClientSampleId :
PE-5D

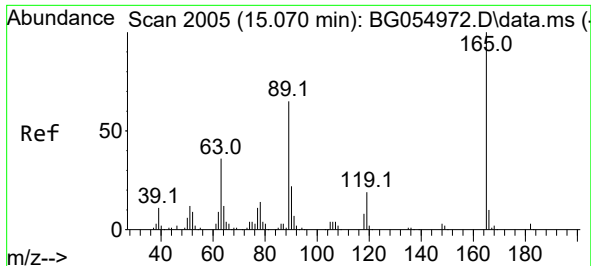
Tgt Ion:172 Resp: 488570
Ion Ratio Lower Upper
172 100
171 36.6 31.2 46.8
170 24.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.105 ng
RT: 14.698 min Scan# 1942
Delta R.T. 0.415 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion:165 Resp: 14966
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.698 ng

RT: 14.698 min Scan# 1942

Delta R.T. -0.372 min

Lab File: BG055019.D

Acq: 23 Sep 2022 19:31

Instrument :

BNA_G

ClientSampleId :

PE-5D

Tgt Ion:165 Resp: 14966

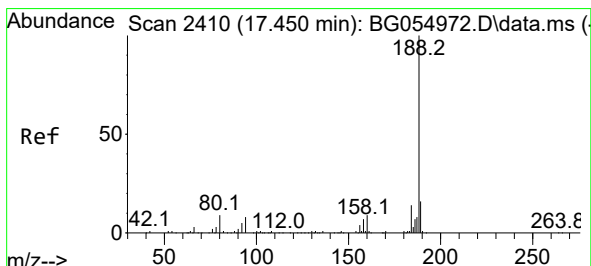
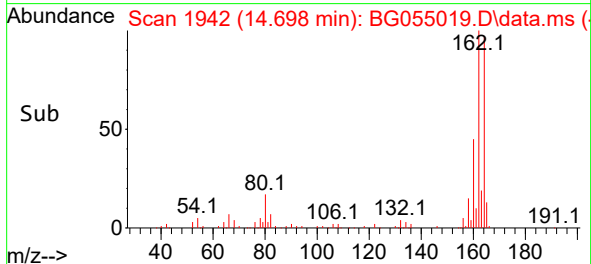
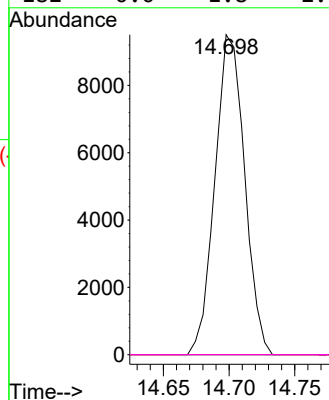
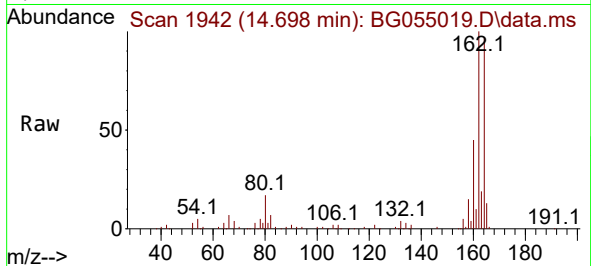
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.448 min Scan# 2410

Delta R.T. -0.002 min

Lab File: BG055019.D

Acq: 23 Sep 2022 19:31

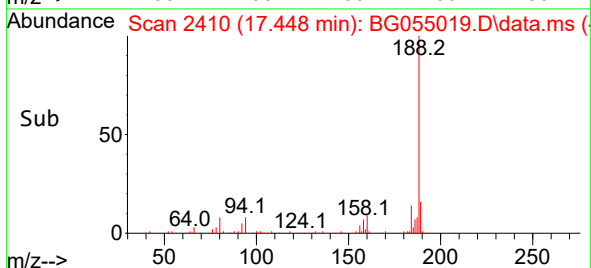
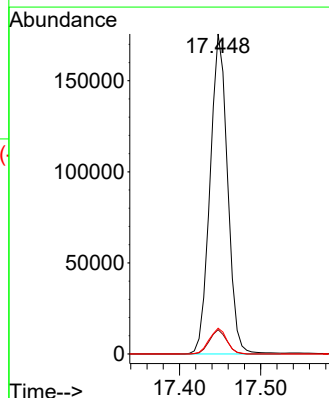
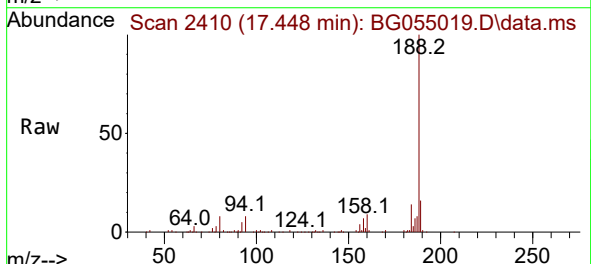
Tgt Ion:188 Resp: 262746

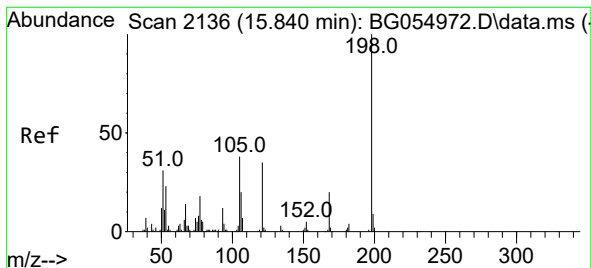
Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

80 8.1 7.9 11.9

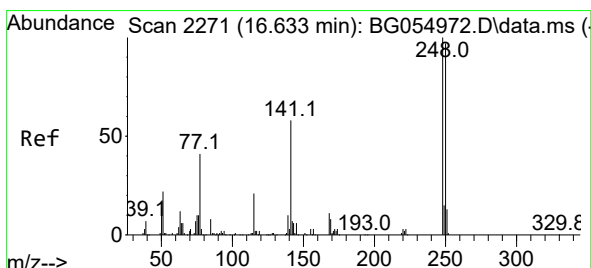
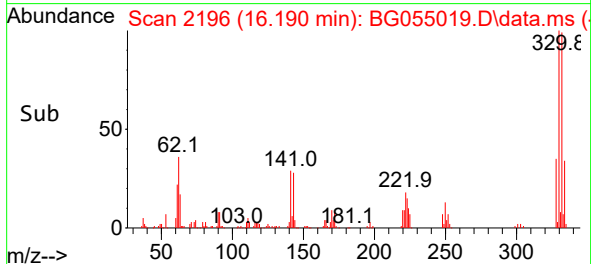
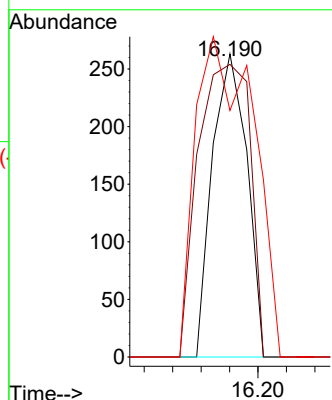
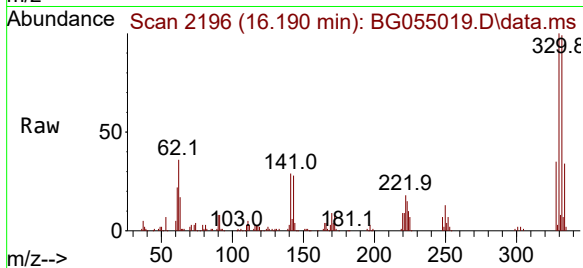




#65
4,6-Dinitro-2-methylphenol
Concen: 5.138 ng
RT: 16.190 min Scan# 2196
Delta R.T. 0.350 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

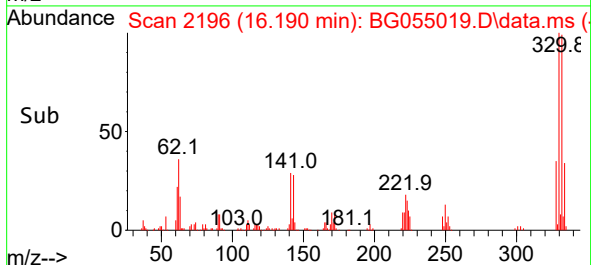
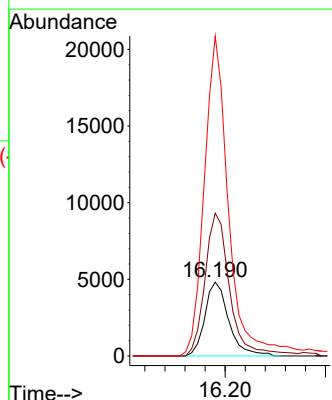
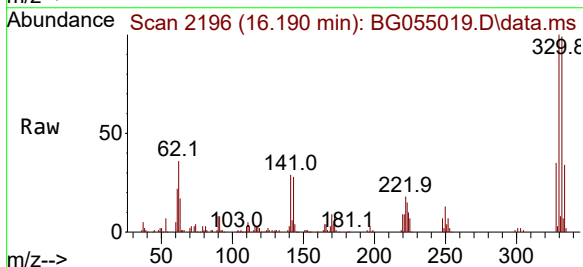
Instrument :
BNA_G
ClientSampleId :
PE-5D

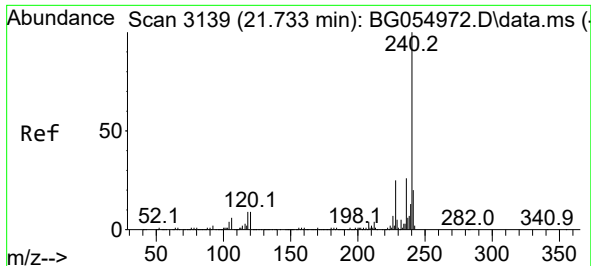
Tgt Ion:198 Resp: 222
Ion Ratio Lower Upper
198 100
51 96.6 19.9 59.9#
105 81.4 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 2.746 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.443 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion:248 Resp: 7957
Ion Ratio Lower Upper
248 100
250 193.4 78.8 118.2#
141 433.4 51.9 77.9#

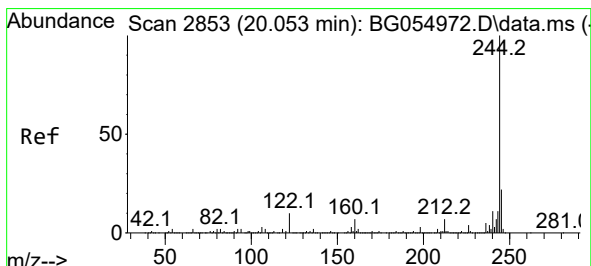
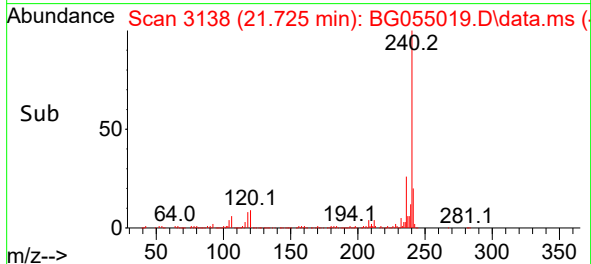
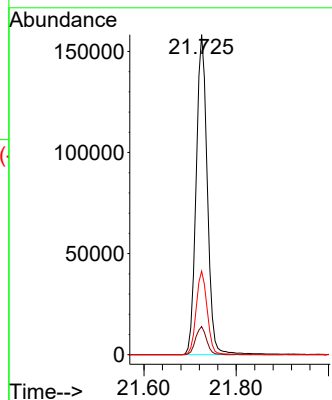
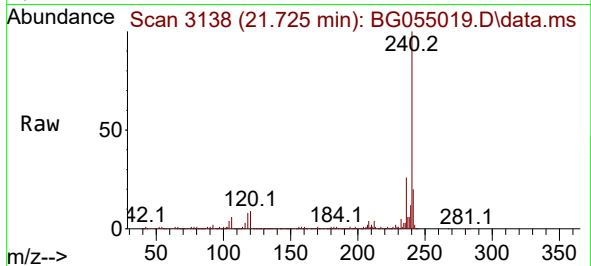




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

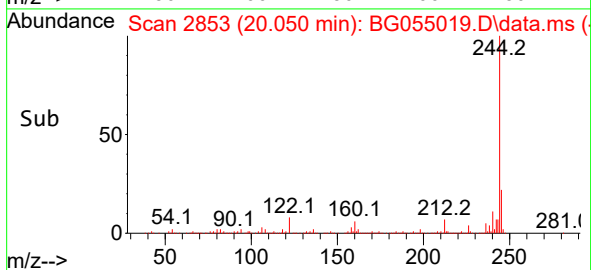
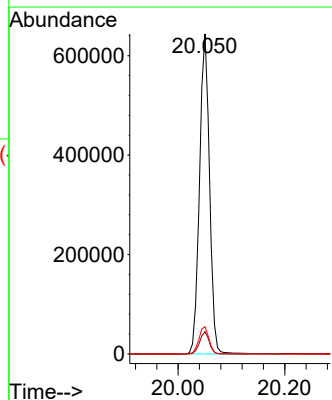
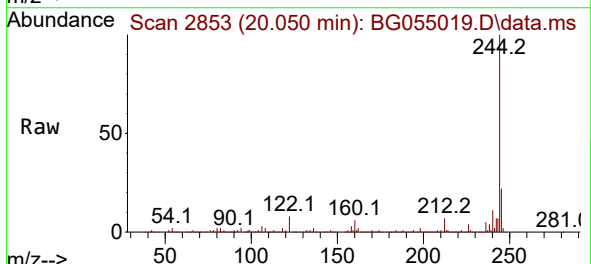
Instrument :
BNA_G
ClientSampleId :
PE-5D

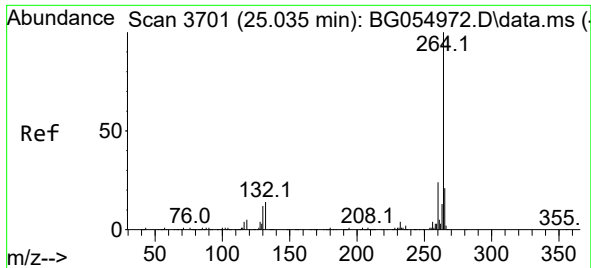
Tgt Ion:240 Resp: 265706
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.4
236 26.1 21.2 31.8



#79
Terphenyl-d14
Concen: 66.191 ng
RT: 20.050 min Scan# 2853
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

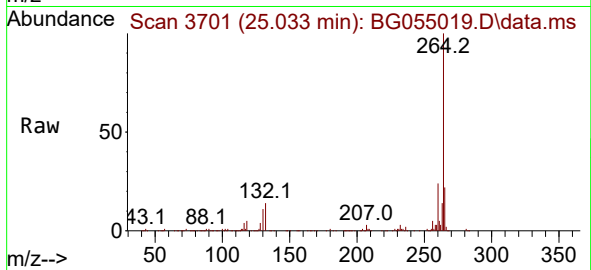
Tgt Ion:244 Resp: 840772
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 8.5 9.0 13.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.033 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Instrument :
BNA_G
ClientSampleId :
PE-5D



Tgt Ion:264 Resp: 277058
Ion Ratio Lower Upper
264 100
260 23.6 19.9 29.9
265 21.5 16.9 25.3

