

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055311.D
 Acq On : 26 Oct 2022 23:25
 Operator : CG/JU
 Sample : N5218-31
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-4

Quant Time: Oct 27 10:44:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

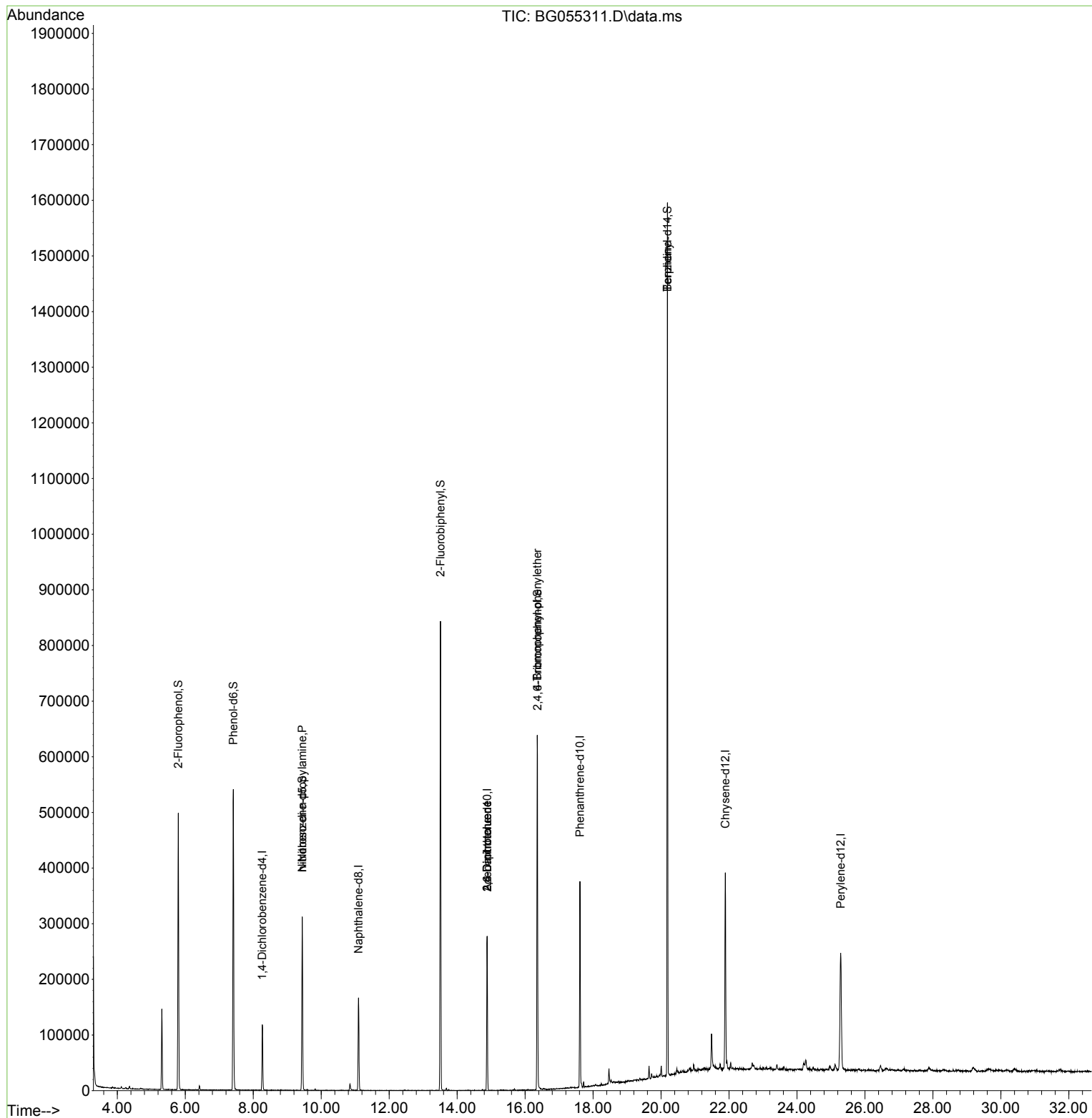
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	33793	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	145794	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	99058	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	222743	20.000	ng	0.00
76) Chrysene-d12	21.893	240	212796	20.000	ng	0.00
86) Perylene-d12	25.289	264	227498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	222764	115.424	ng	0.00
7) Phenol-d6	7.415	99	325831	116.532	ng	0.00
23) Nitrobenzene-d5	9.442	82	194774	68.218	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	128159	119.013	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	442117	73.052	ng	0.00
79) Terphenyl-d14	20.189	244	724918	70.779	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.442	70	25490	10.978	ng	# 79
51) 2,6-Dinitrotoluene	14.883	165	13249	8.372	ng	# 19
57) 2,4-Dinitrotoluene	14.883	165	13249	5.769	ng	# 18
67) 4-Bromophenyl-phenylether	16.358	248	8004	3.699	ng	# 1
77) Benzidine	20.189	184	10810	2.098	ng	# 89

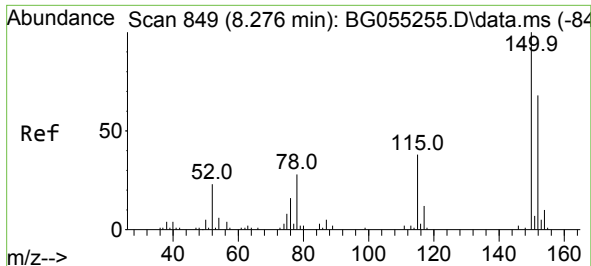
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

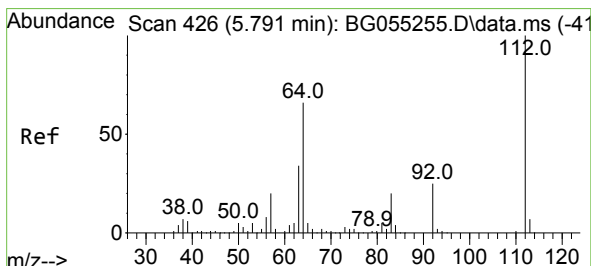
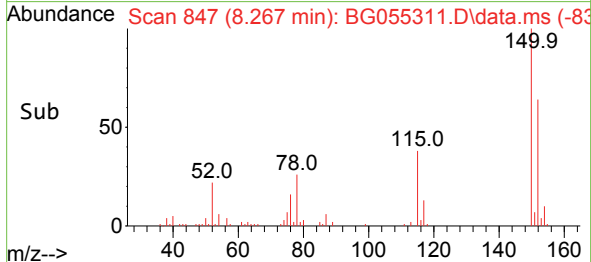
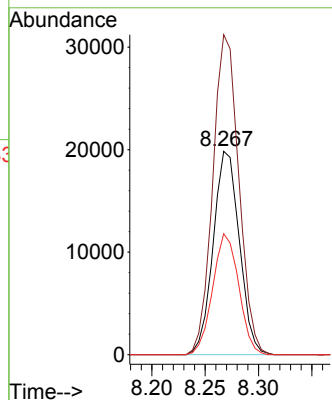
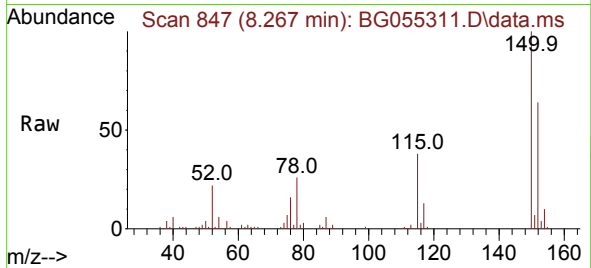




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

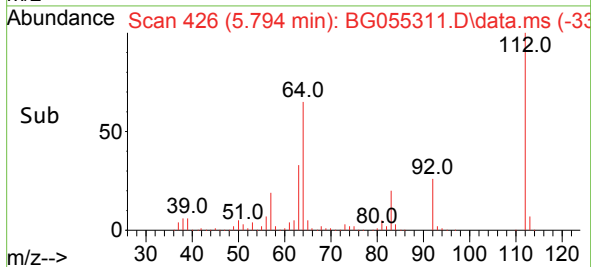
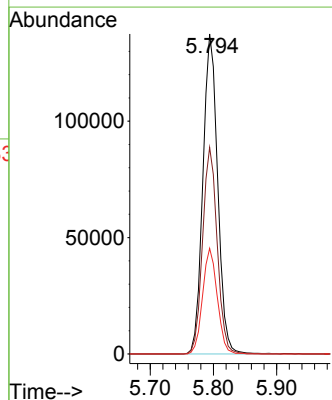
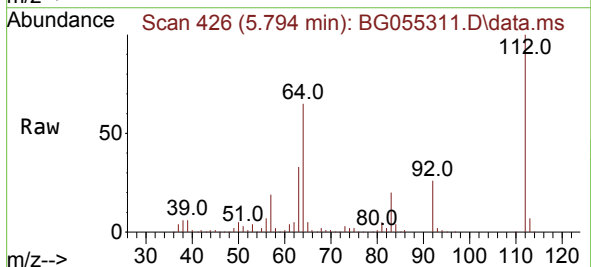
Instrument :
BNA_G
ClientSampleId :
SP-4

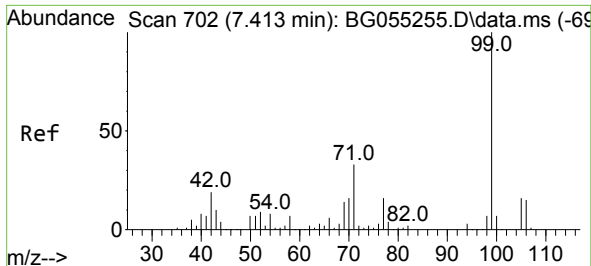
Tgt Ion:152 Resp: 33793
Ion Ratio Lower Upper
152 100
150 157.3 118.2 177.4
115 59.4 44.5 66.7



#5
2-Fluorophenol
Concen: 115.424 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:112 Resp: 222764
Ion Ratio Lower Upper
112 100
64 64.5 52.6 78.8
63 33.0 27.1 40.7





#7

Phenol-d6

Concen: 116.532 ng

RT: 7.415 min Scan# 70

Delta R.T. 0.003 min

Lab File: BG055311.D

Acq: 26 Oct 2022 23:25

Instrument :

BNA_G

ClientSampleId :

SP-4

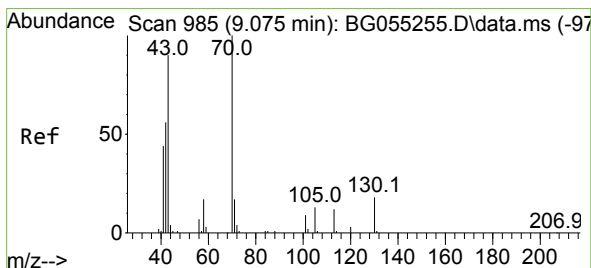
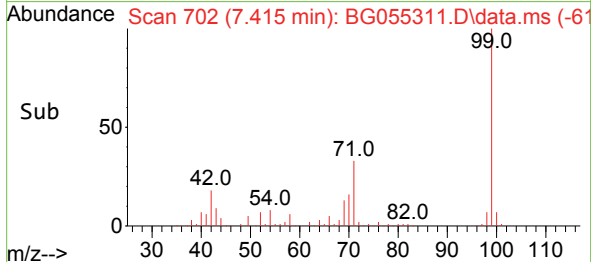
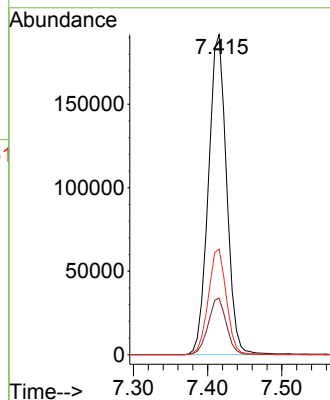
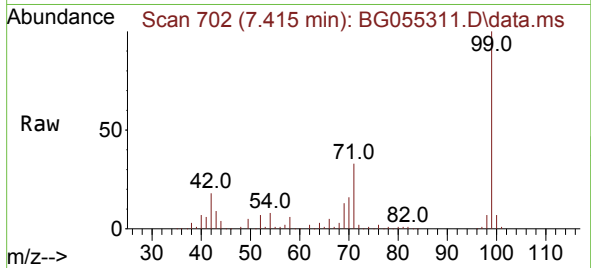
Tgt Ion: 99 Resp: 325831

Ion Ratio Lower Upper

99 100

42 17.7 15.2 22.8

71 33.0 26.2 39.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.978 ng

RT: 9.442 min Scan# 1047

Delta R.T. 0.367 min

Lab File: BG055311.D

Acq: 26 Oct 2022 23:25

Tgt Ion: 70 Resp: 25490

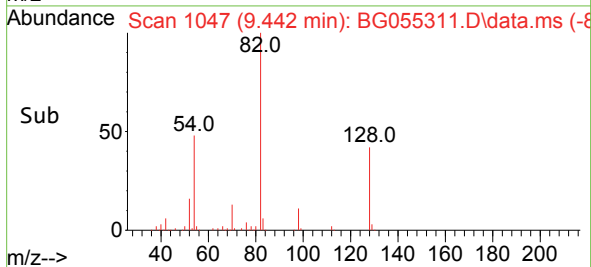
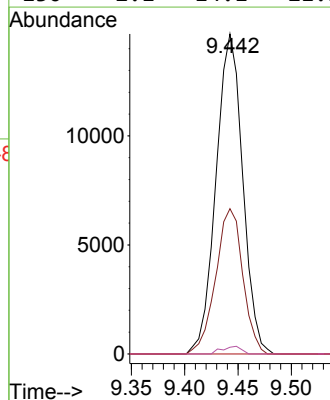
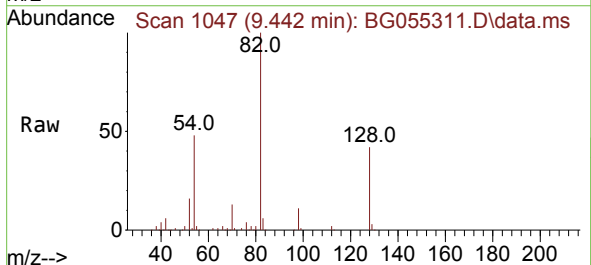
Ion Ratio Lower Upper

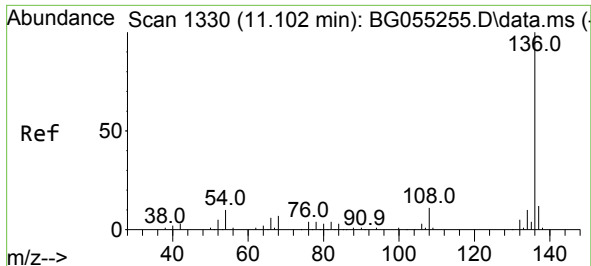
70 100

42 45.4 45.8 68.6#

101 0.0 7.4 11.0#

130 2.1 14.1 21.1#

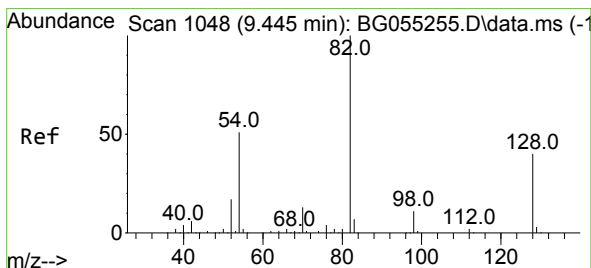
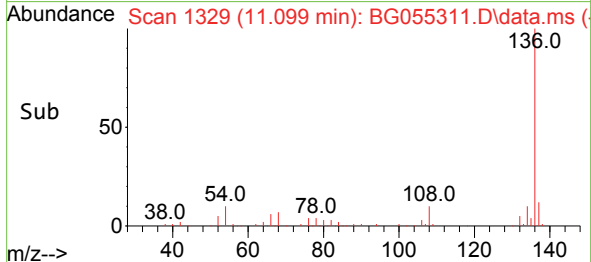
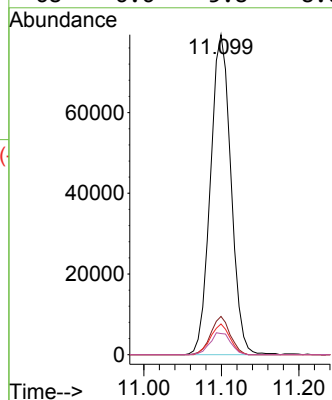
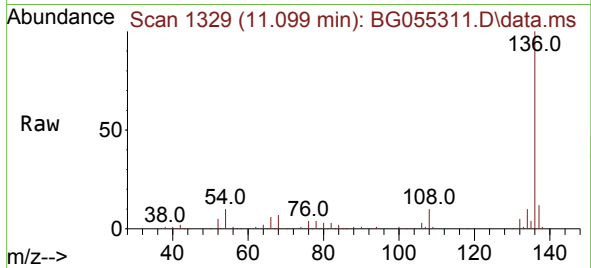




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

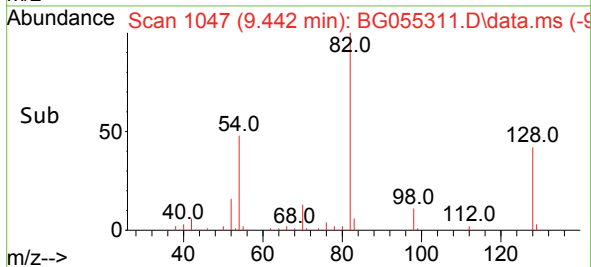
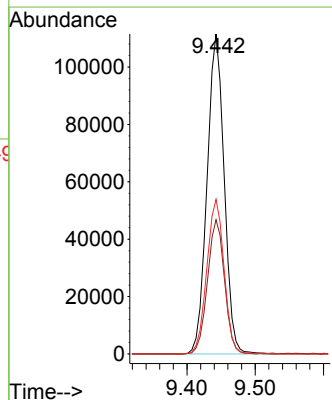
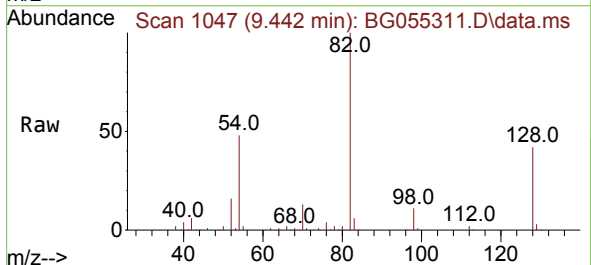
Instrument :
BNA_G
ClientSampleId :
SP-4

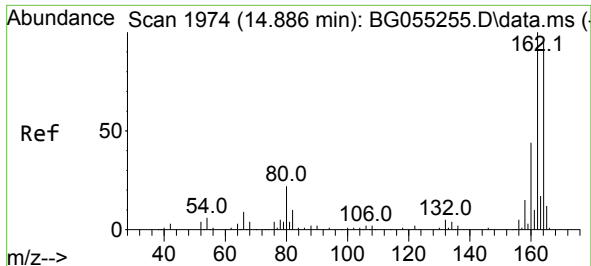
Tgt Ion:	136	Resp:	145794
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.2	13.8
54	9.6	7.8	11.8
68	6.6	5.8	8.6



#23
Nitrobenzene-d5
Concen: 68.218 ng
RT: 9.442 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:	82	Resp:	194774
Ion Ratio	Lower	Upper	
82	100		
128	42.0	32.0	48.0
54	48.3	40.9	61.3

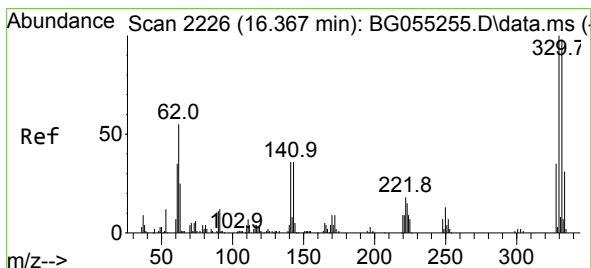
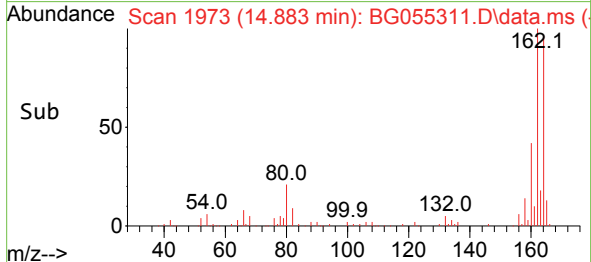
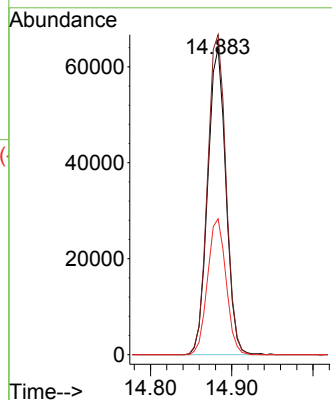
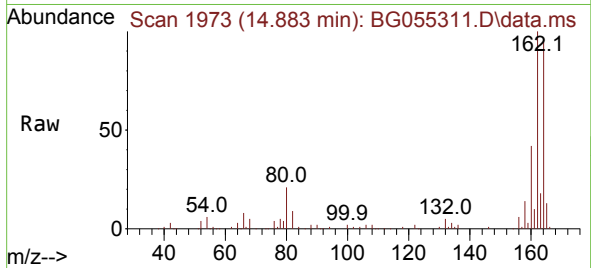




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

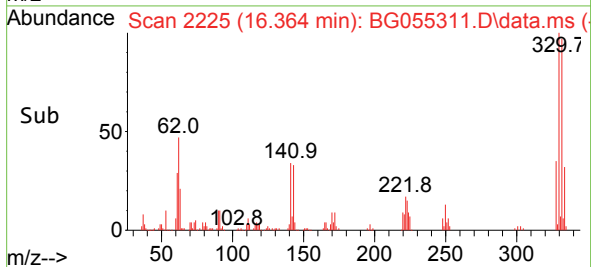
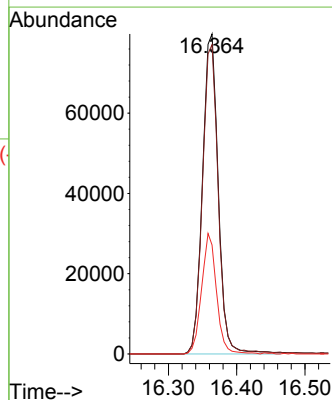
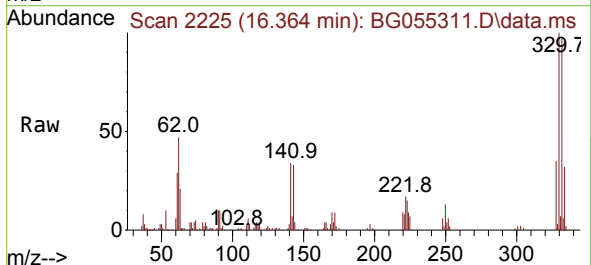
Instrument :
BNA_G
ClientSampleId :
SP-4

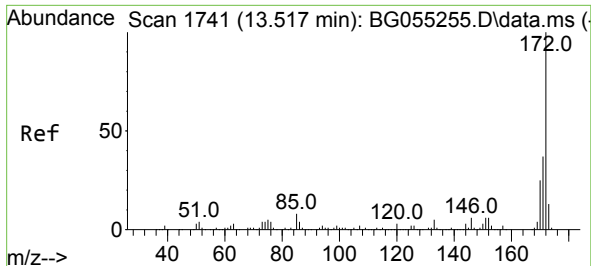
Tgt Ion:164 Resp: 99058
Ion Ratio Lower Upper
164 100
162 104.3 84.0 126.0
160 44.3 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 119.013 ng
RT: 16.364 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:330 Resp: 128159
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 35.6 29.8 44.8

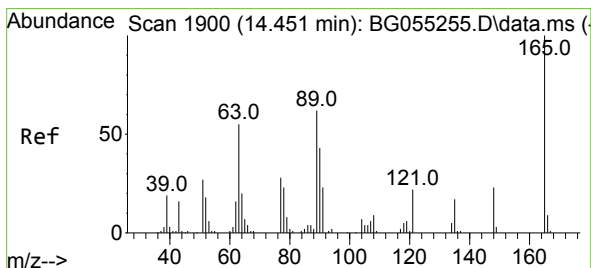
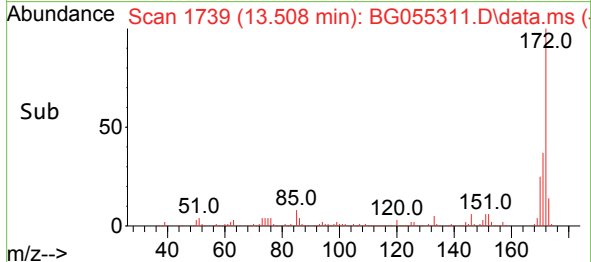
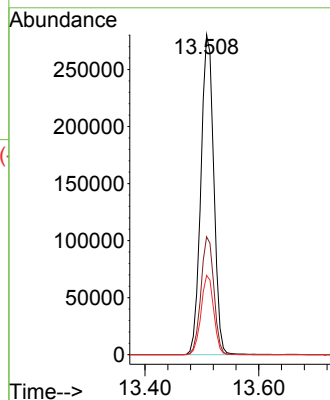
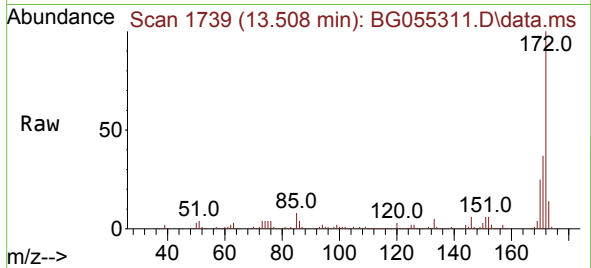




#45
2-Fluorobiphenyl
Concen: 73.052 ng
RT: 13.508 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

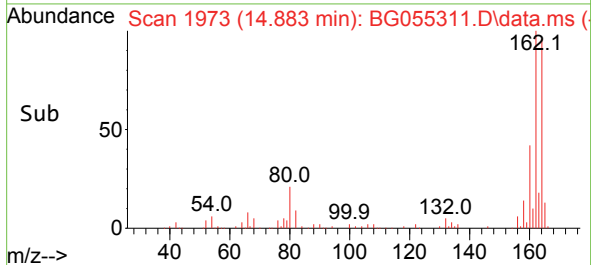
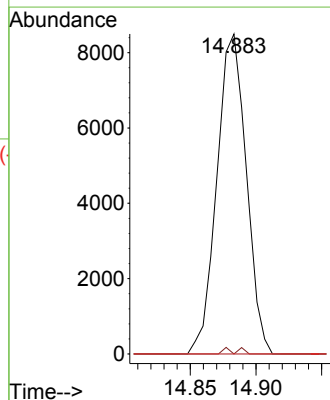
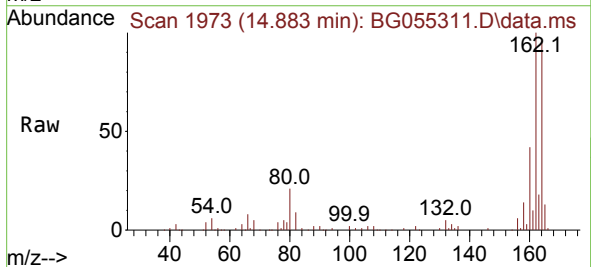
Instrument :
BNA_G
ClientSampleId :
SP-4

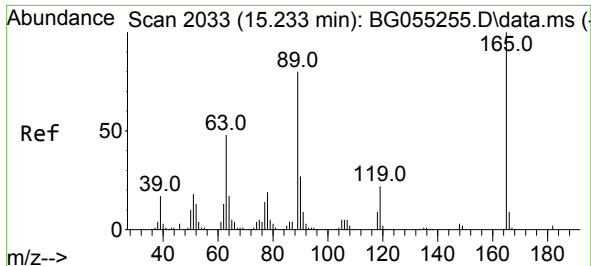
Tgt Ion:172 Resp: 442117
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.372 ng
RT: 14.883 min Scan# 1973
Delta R.T. 0.432 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:165 Resp: 13249
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#

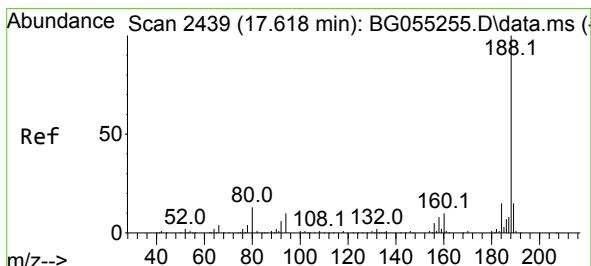
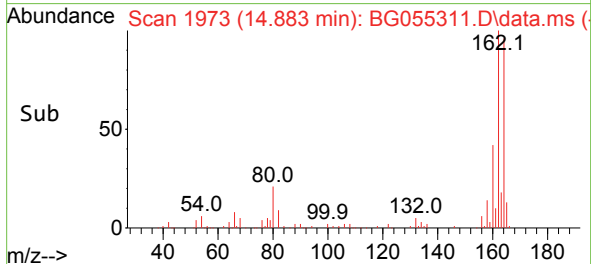
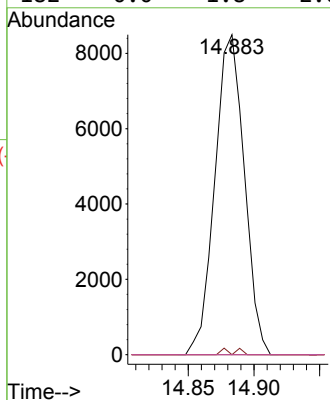
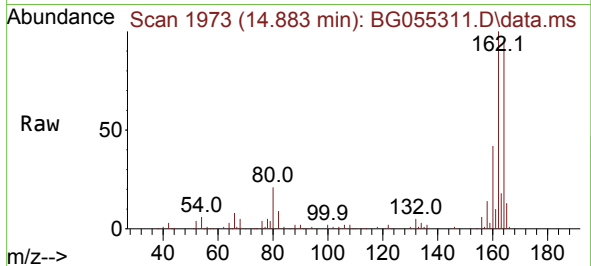




#57
2,4-Dinitrotoluene
Concen: 5.769 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.350 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

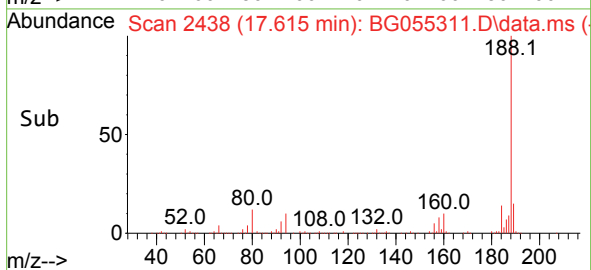
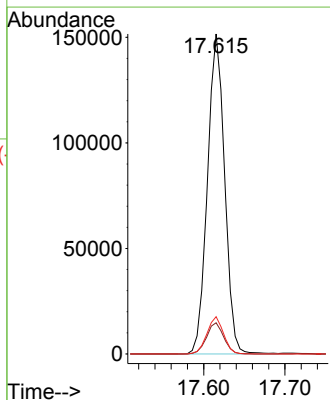
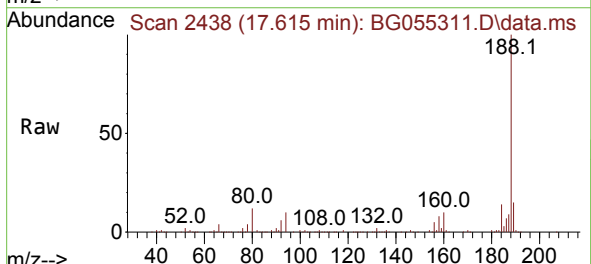
Instrument :
BNA_G
ClientSampleId :
SP-4

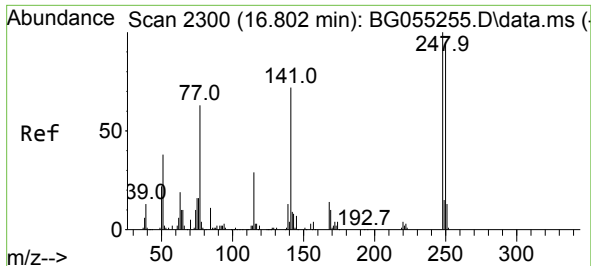
Tgt Ion:165 Resp: 13249
Ion Ratio Lower Upper
165 100
63 0.0 38.9 58.3#
89 0.0 64.2 96.4#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:188 Resp: 222743
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 11.6 10.1 15.1

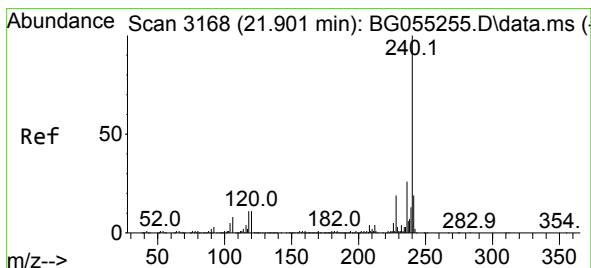
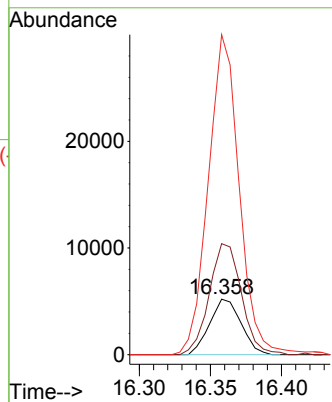
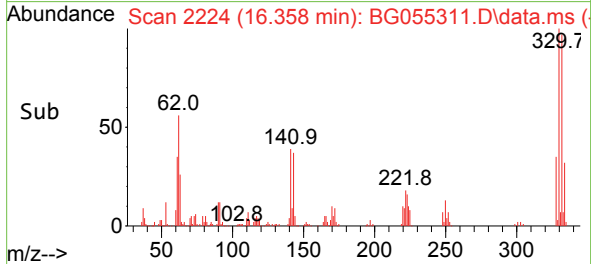
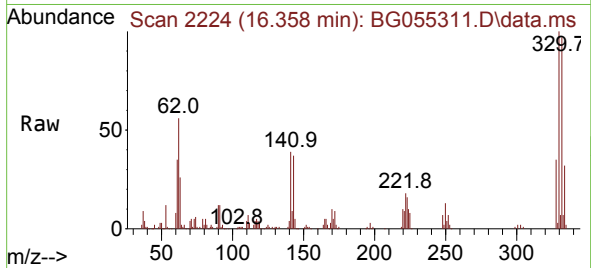




#67
4-Bromophenyl-phenylether
Concen: 3.699 ng
RT: 16.358 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

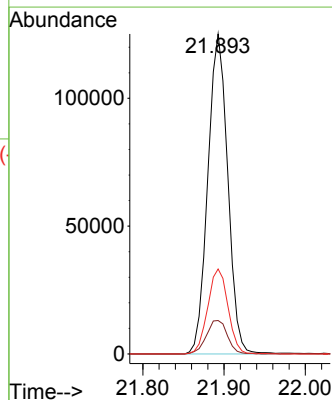
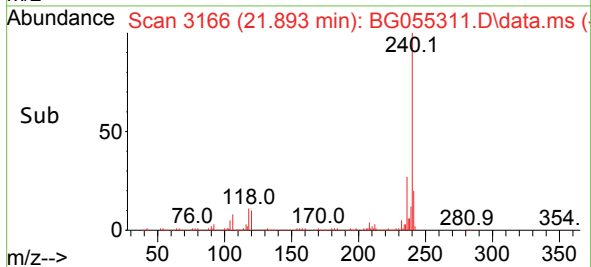
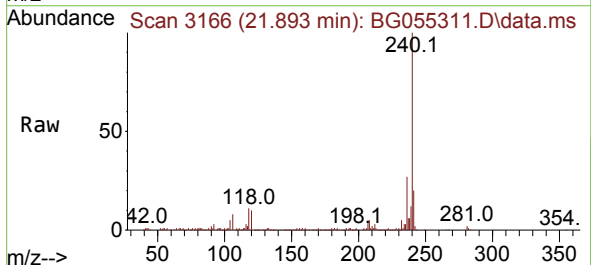
Instrument :
BNA_G
ClientSampleId :
SP-4

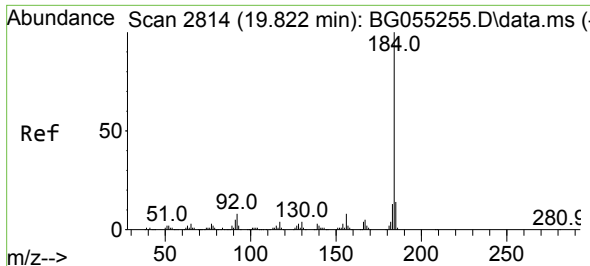
Tgt Ion:248 Resp: 8004
Ion Ratio Lower Upper
248 100
250 199.8 76.0 114.0#
141 575.9 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:240 Resp: 212796
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 26.6 21.0 31.4

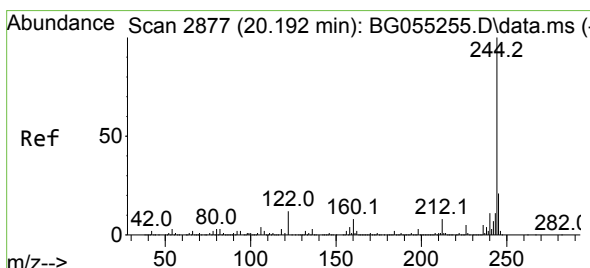
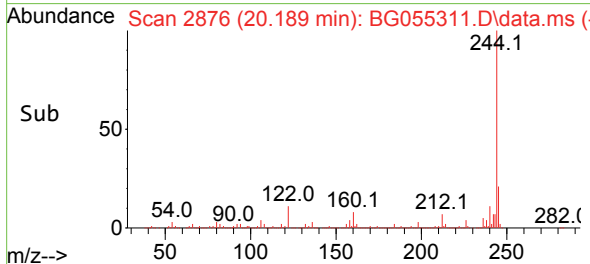
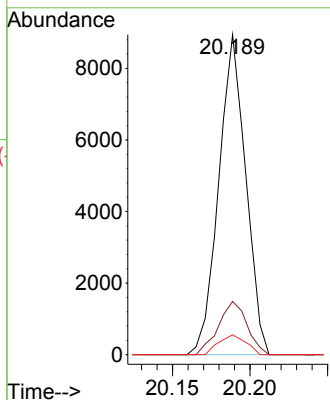
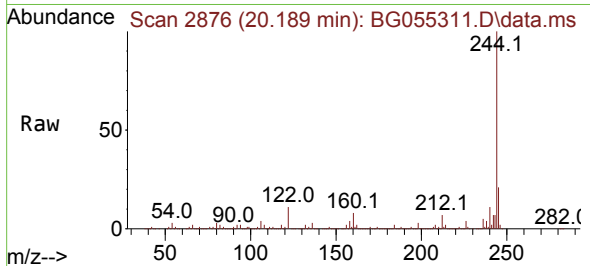




#77
Benzidine
Concen: 2.098 ng
RT: 20.189 min Scan# 2876
Delta R.T. 0.367 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

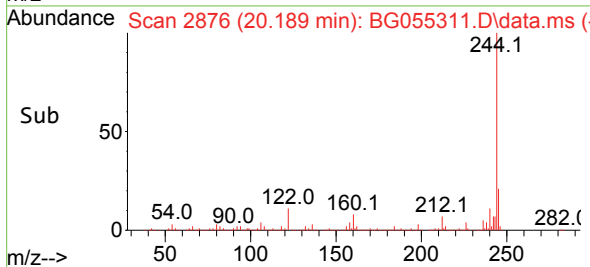
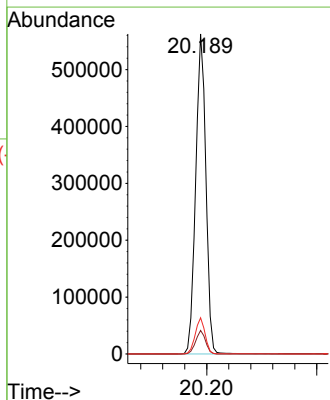
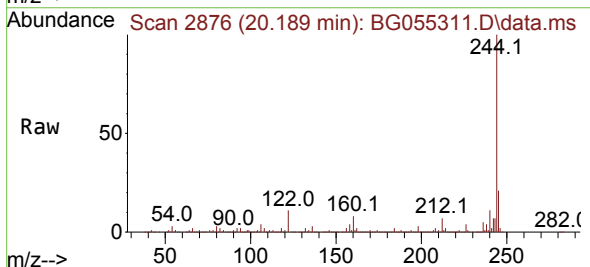
Instrument :
BNA_G
ClientSampleId :
SP-4

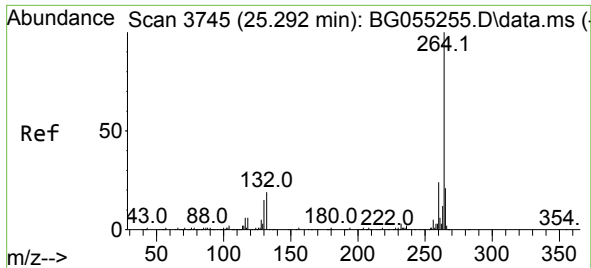
Tgt Ion:184 Resp: 10810
Ion Ratio Lower Upper
184 100
185 16.6 11.0 16.6#
183 6.2 10.0 15.0#



#79
Terphenyl-d14
Concen: 70.779 ng
RT: 20.189 min Scan# 2876
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Tgt Ion:244 Resp: 724918
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 11.3 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.289 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055311.D
Acq: 26 Oct 2022 23:25

Instrument :
BNA_G
ClientSampleId :
SP-4

Tgt Ion:264 Resp: 227498
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.8 17.4 26.2

