

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055460.D
 Acq On : 4 Nov 2022 19:10
 Operator : CG/JU
 Sample : N5418-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-N

Quant Time: Nov 05 00:04:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

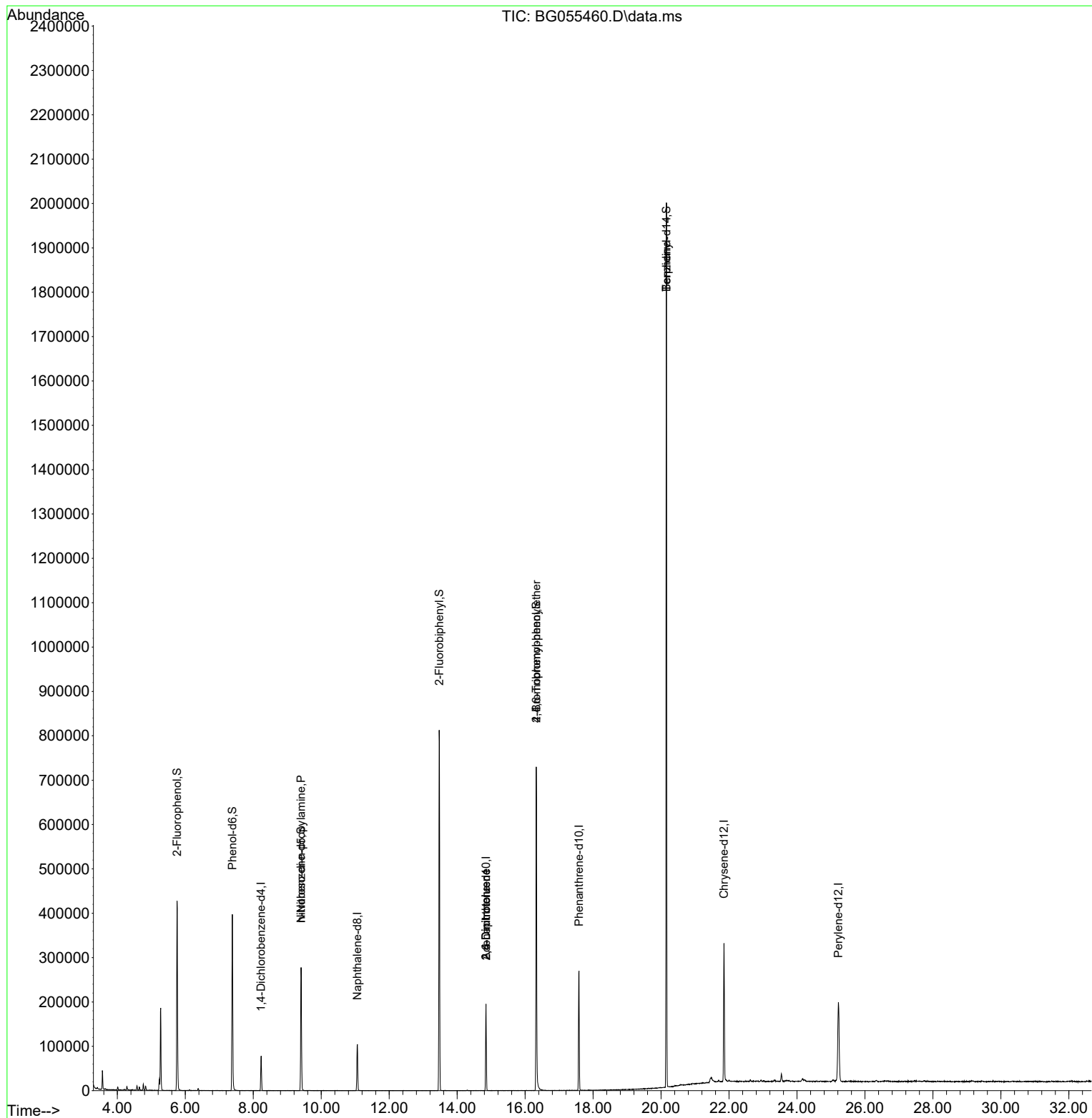
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	23624	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	95674	20.000	ng	0.00
39) Acenaphthene-d10	14.846	164	68925	20.000	ng	-0.01
64) Phenanthrene-d10	17.584	188	183325	20.000	ng	0.00
76) Chrysene-d12	21.850	240	199770	20.000	ng	-0.01
86) Perylene-d12	25.216	264	213373	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	206564	157.026	ng	0.00
7) Phenol-d6	7.384	99	250015	137.052	ng	0.00
23) Nitrobenzene-d5	9.405	82	171741	95.668	ng	0.00
42) 2,4,6-Tribromophenol	16.327	330	166685	177.296	ng	-0.01
45) 2-Fluorobiphenyl	13.471	172	441232	94.914	ng	-0.01
79) Terphenyl-d14	20.157	244	969265	94.347	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.405	70	22769	15.973	ng	# 81
51) 2,6-Dinitrotoluene	14.846	165	9039	7.505	ng	# 27
57) 2,4-Dinitrotoluene	14.846	165	9039	5.249	ng	# 25
67) 4-Bromophenyl-phenylether	16.327	248	10234	4.722	ng	# 1
77) Benzidine	20.157	184	14366	3.454	ng	# 91

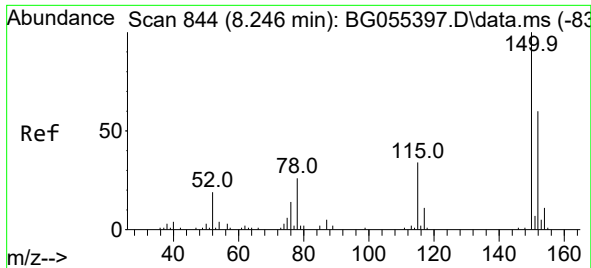
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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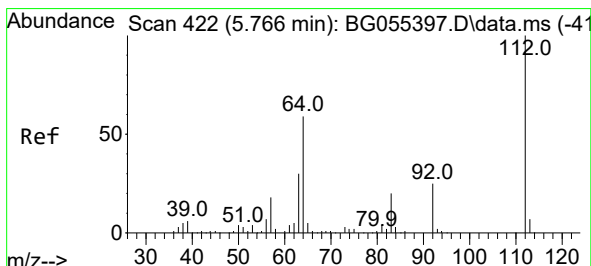
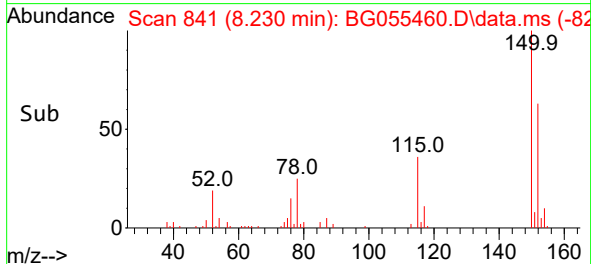
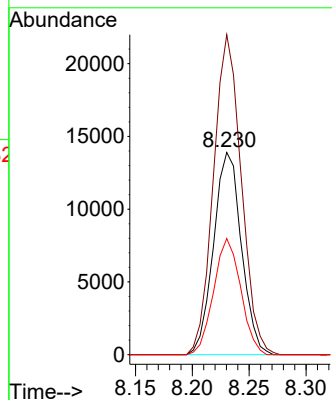
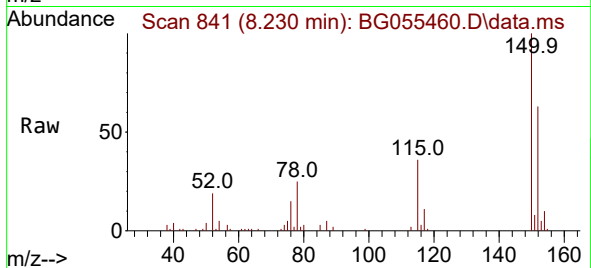




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.230 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

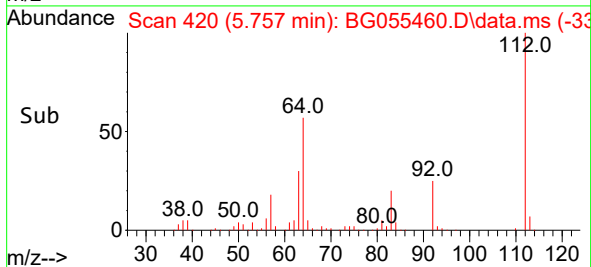
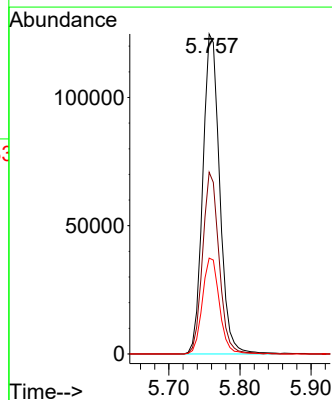
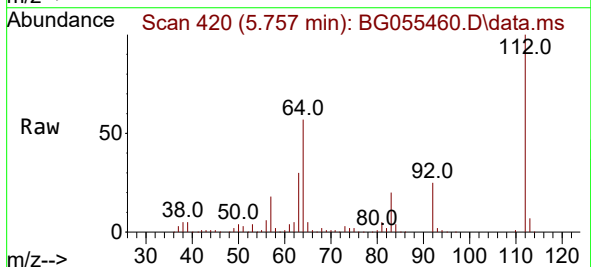
Instrument :
BNA_G
ClientSampleId :
TP-N

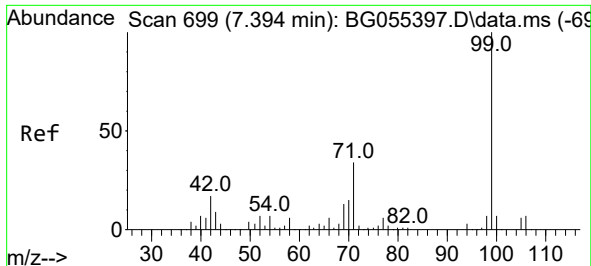
Tgt Ion:152 Resp: 23624
Ion Ratio Lower Upper
152 100
150 158.2 132.8 199.2
115 57.4 45.1 67.7



#5
2-Fluorophenol
Concen: 157.026 ng
RT: 5.757 min Scan# 420
Delta R.T. -0.005 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

Tgt Ion:112 Resp: 206564
Ion Ratio Lower Upper
112 100
64 56.8 47.2 70.8
63 30.0 24.3 36.5

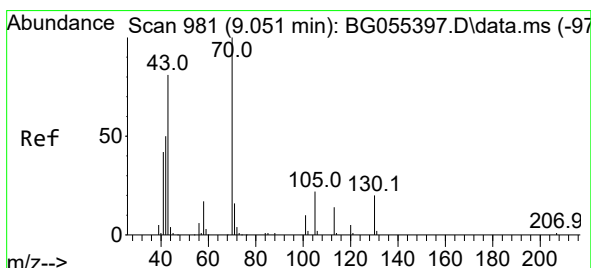
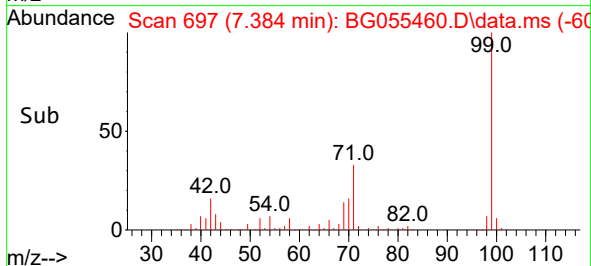
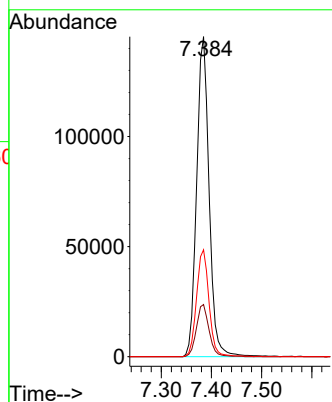
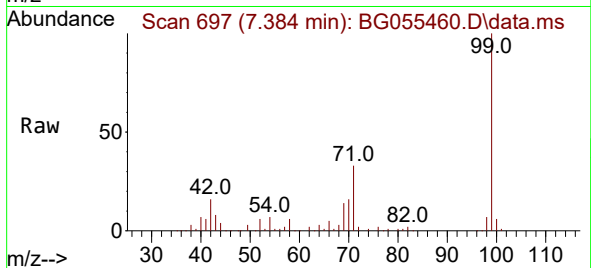




#7
Phenol-d6
Concen: 137.052 ng
RT: 7.384 min Scan# 697
Delta R.T. 0.001 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

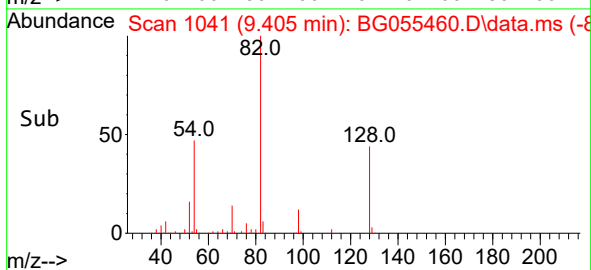
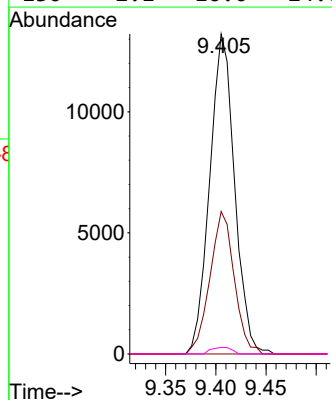
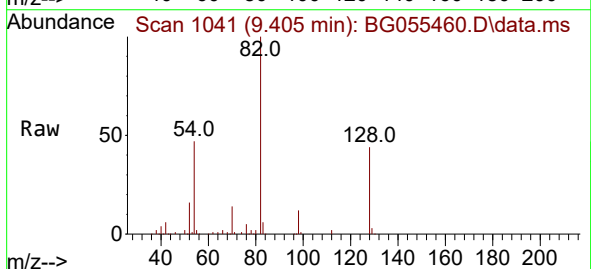
Instrument :
BNA_G
ClientSampleId :
TP-N

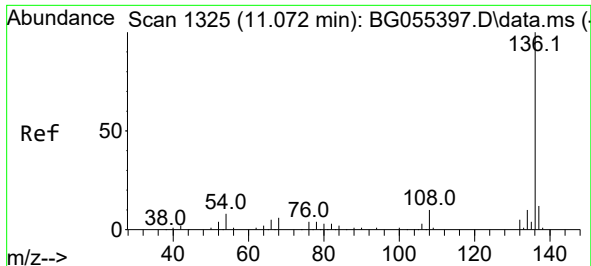
Tgt Ion: 99 Resp: 250015
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 33.4 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.973 ng
RT: 9.405 min Scan# 1041
Delta R.T. 0.365 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

Tgt Ion: 70 Resp: 22769
Ion Ratio Lower Upper
70 100
42 44.5 40.6 61.0
101 0.0 7.8 11.6#
130 2.1 16.0 24.0#

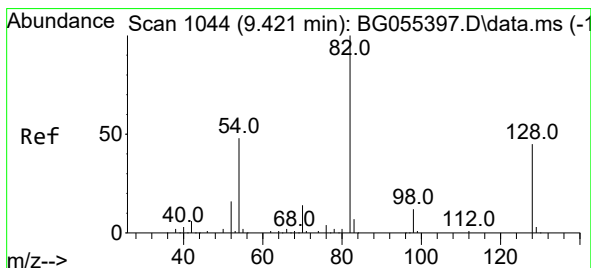
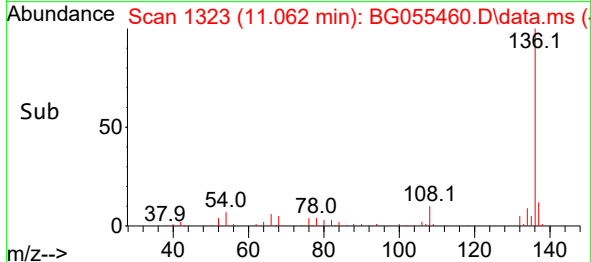
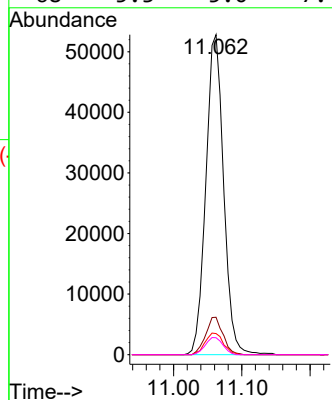
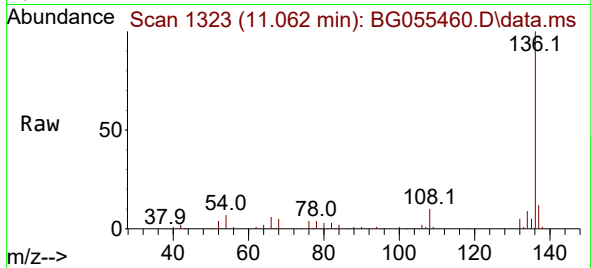




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

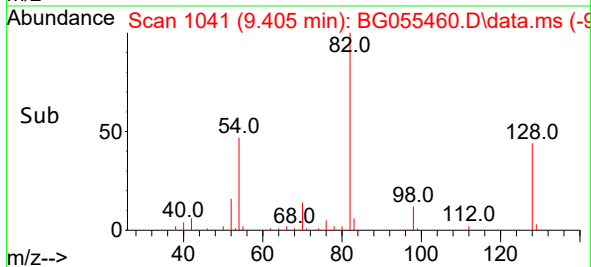
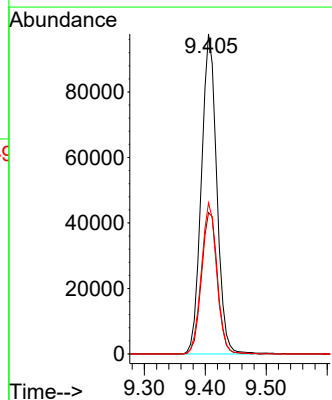
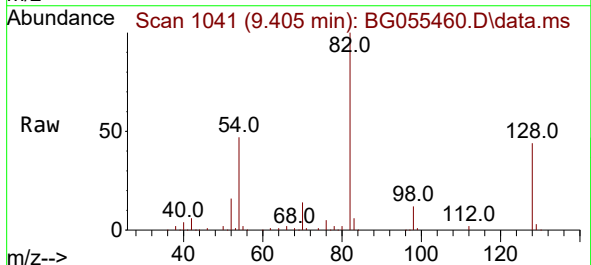
Instrument :
BNA_G
ClientSampleId :
TP-N

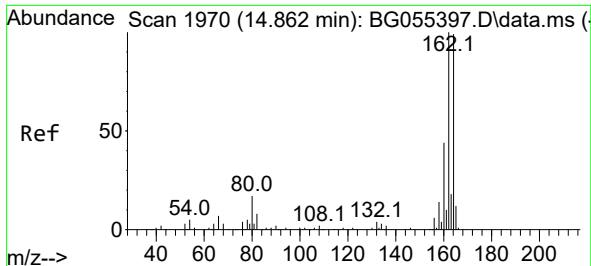
Tgt Ion:	136	Resp:	95674
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.4	14.2
54	6.6	6.1	9.1
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 95.668 ng
RT: 9.405 min Scan# 1041
Delta R.T. -0.005 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

Tgt Ion:	82	Resp:	171741
Ion Ratio	Lower	Upper	
82	100		
128	44.2	35.8	53.8
54	47.2	38.1	57.1

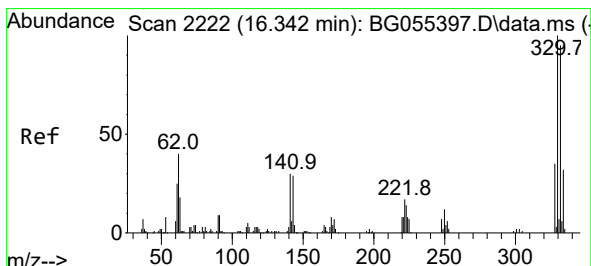
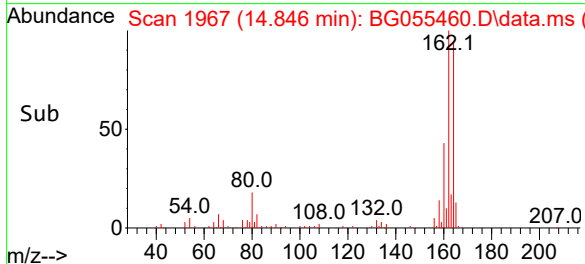
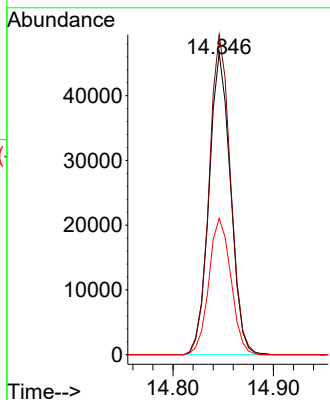
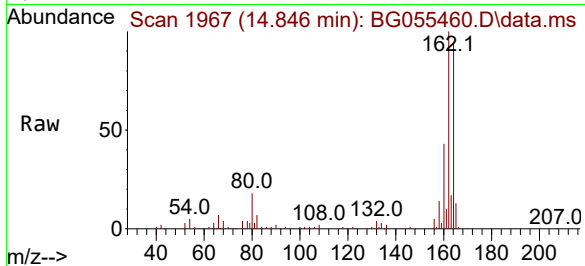




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.846 min Scan# 1970
Delta R.T. -0.011 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

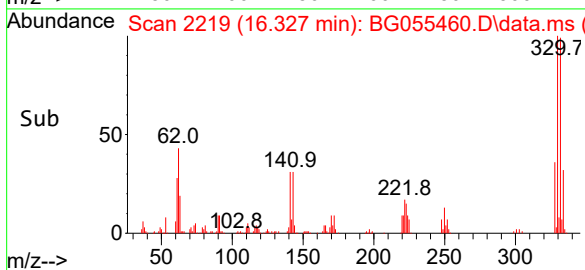
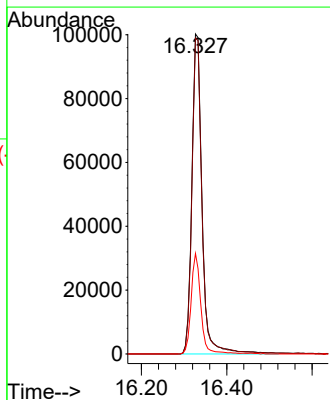
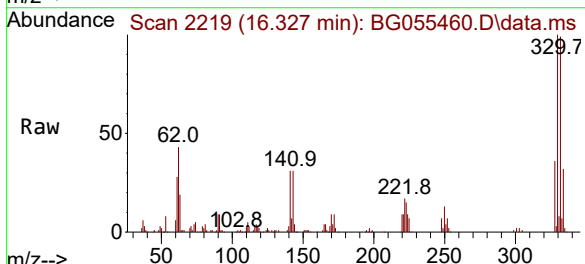
Instrument :
BNA_G
ClientSampleId :
TP-N

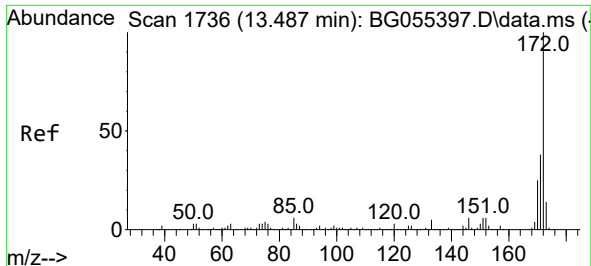
Tgt Ion:164 Resp: 68925
Ion Ratio Lower Upper
164 100
162 106.1 81.1 121.7
160 45.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 177.296 ng
RT: 16.327 min Scan# 2219
Delta R.T. -0.011 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

Tgt Ion:330 Resp: 166685
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 30.0 24.2 36.2

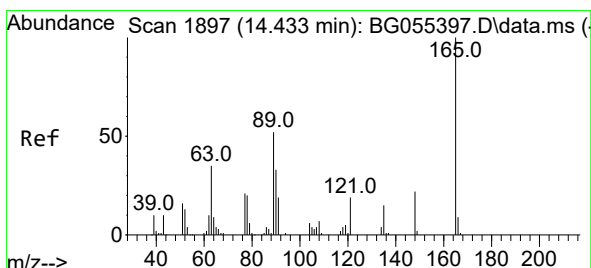
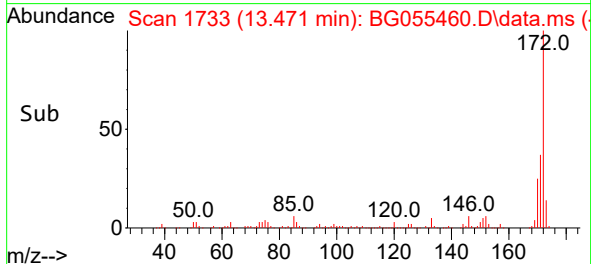
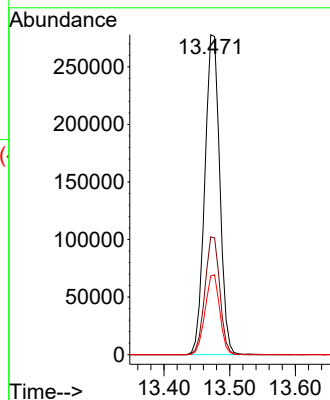
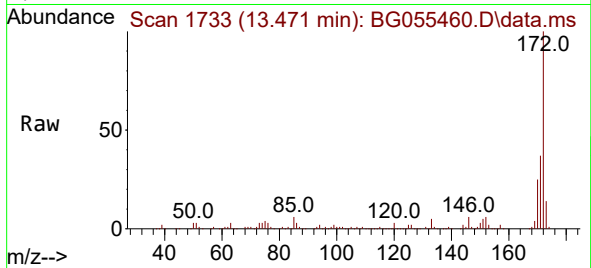




#45
2-Fluorobiphenyl
Concen: 94.914 ng
RT: 13.471 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

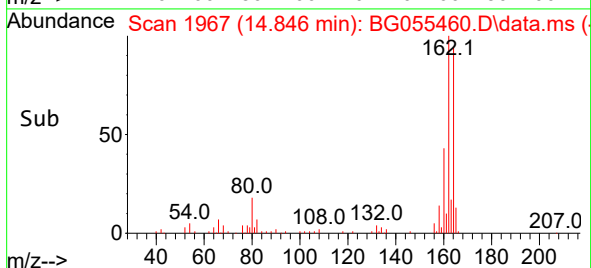
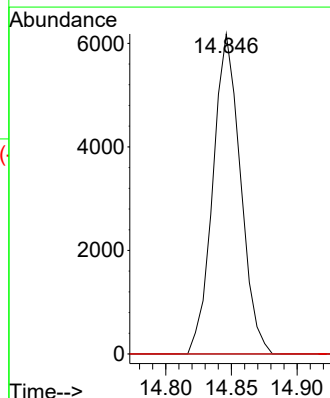
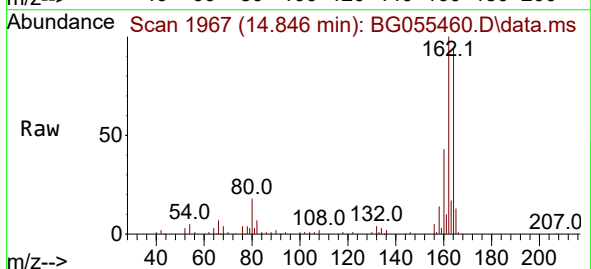
Instrument :
BNA_G
ClientSampleId :
TP-N

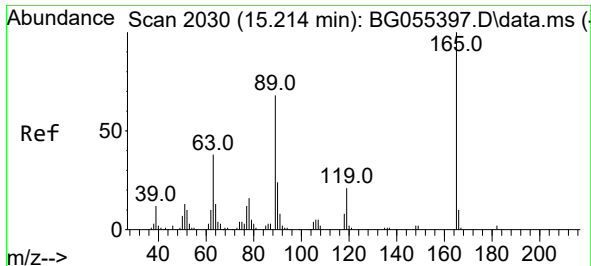
Tgt Ion:172 Resp: 441232
Ion Ratio Lower Upper
172 100
171 36.8 30.2 45.2
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.505 ng
RT: 14.846 min Scan# 1967
Delta R.T. 0.424 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

Tgt Ion:165 Resp: 9039
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.249 ng

RT: 14.846 min Scan# 1967

Delta R.T. -0.364 min

Lab File: BG055460.D

Acq: 4 Nov 2022 19:10

Instrument :

BNA_G

ClientSampleId :

TP-N

Tgt Ion:165 Resp: 9039

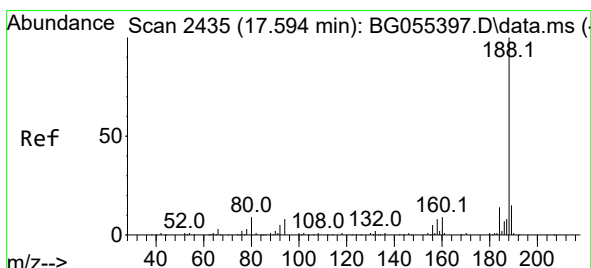
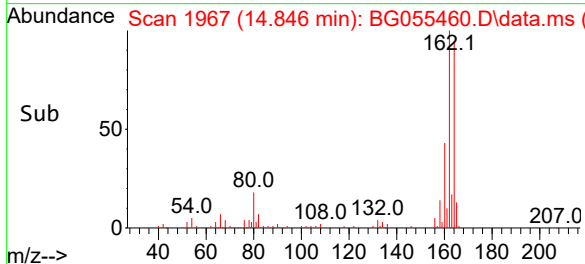
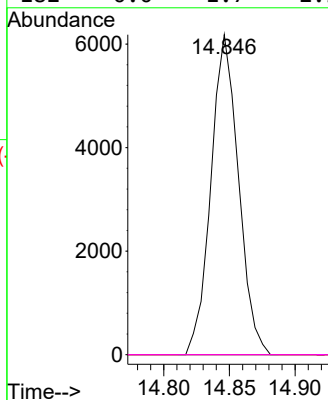
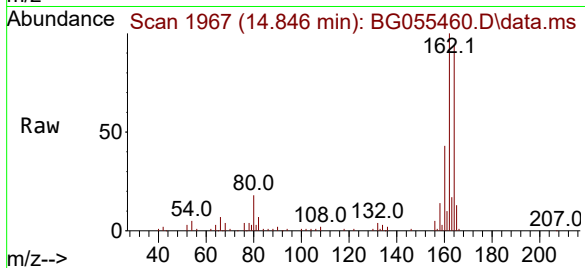
Ion Ratio Lower Upper

165 100

63 0.0 30.8 46.2#

89 0.0 54.5 81.7#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.584 min Scan# 2433

Delta R.T. -0.005 min

Lab File: BG055460.D

Acq: 4 Nov 2022 19:10

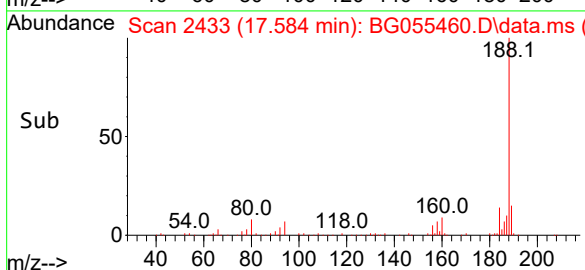
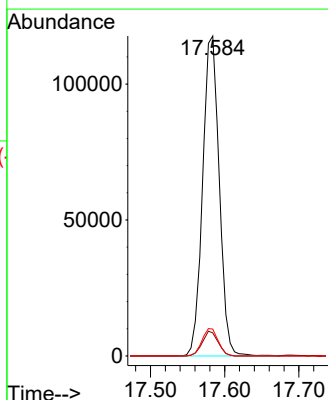
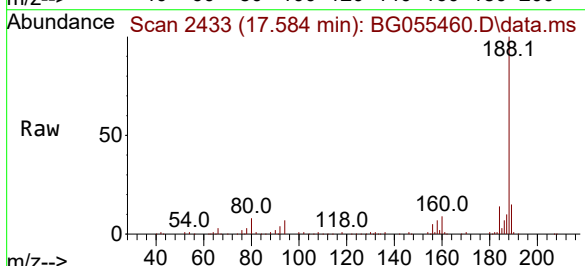
Tgt Ion:188 Resp: 183325

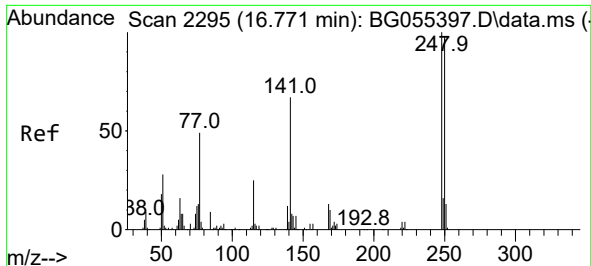
Ion Ratio Lower Upper

188 100

94 7.2 6.5 9.7

80 8.4 7.4 11.0

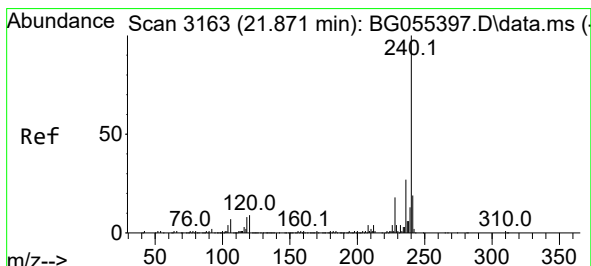
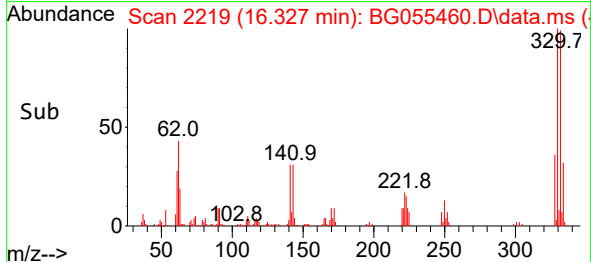
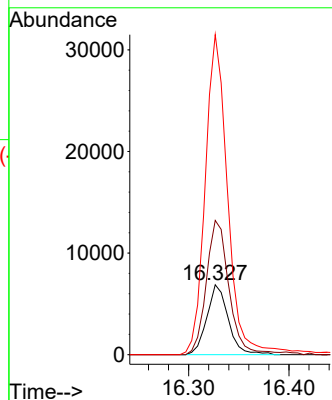
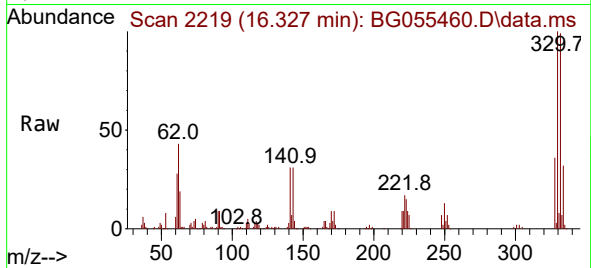




#67
4-Bromophenyl-phenylether
Concen: 4.722 ng
RT: 16.327 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

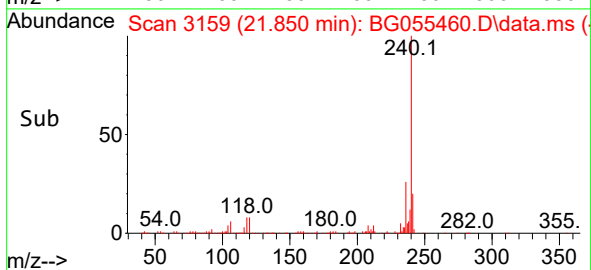
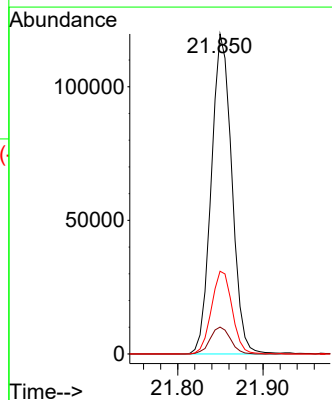
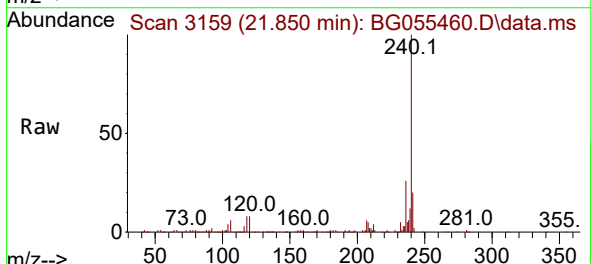
Instrument :
BNA_G
ClientSampleId :
TP-N

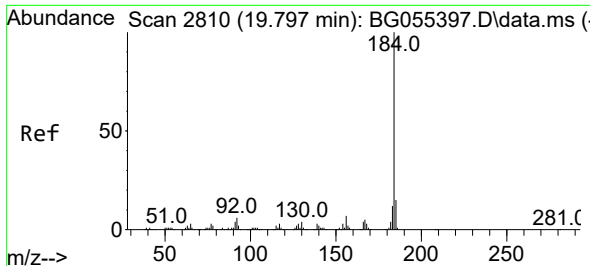
Tgt Ion:248 Resp: 10234
Ion Ratio Lower Upper
248 100
250 192.0 78.3 117.5#
141 457.7 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.850 min Scan# 3159
Delta R.T. -0.011 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

Tgt Ion:240 Resp: 199770
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.8 21.5 32.3

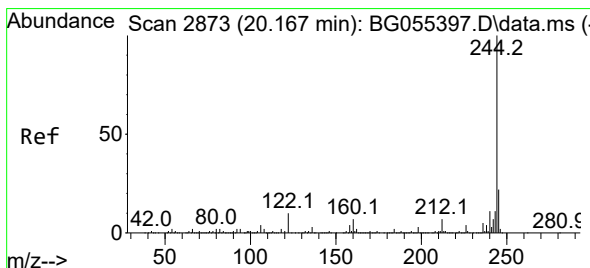
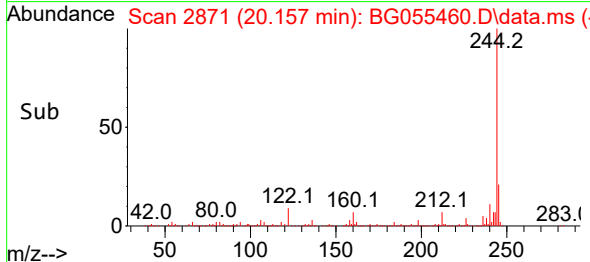
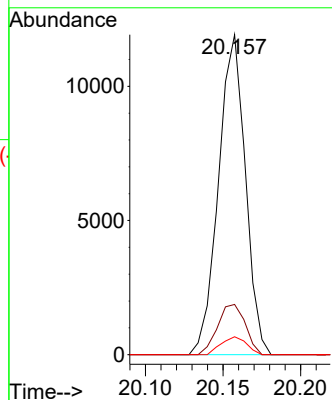
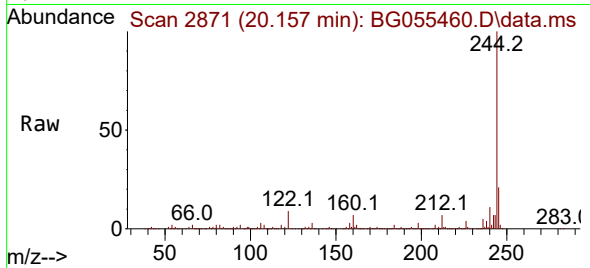




#77
Benzidine
Concen: 3.454 ng
RT: 20.157 min Scan# 2871
Delta R.T. 0.365 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

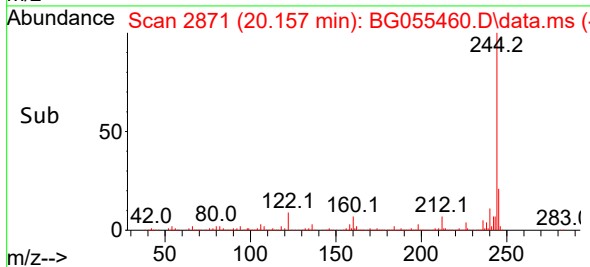
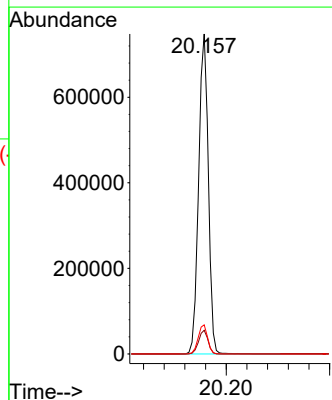
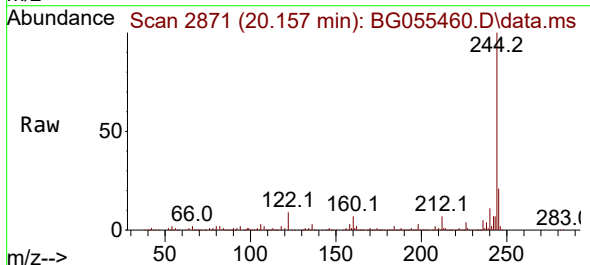
Instrument :
BNA_G
ClientSampleId :
TP-N

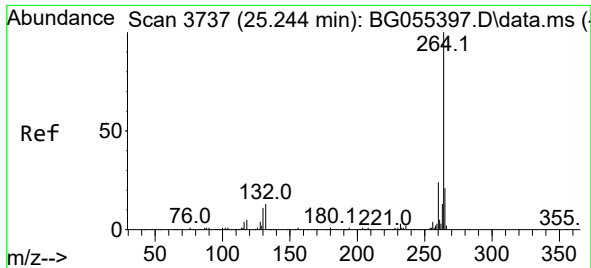
Tgt Ion:184 Resp: 14366
Ion Ratio Lower Upper
184 100
185 15.7 11.7 17.5
183 5.6 9.8 14.8#



#79
Terphenyl-d14
Concen: 94.347 ng
RT: 20.157 min Scan# 2871
Delta R.T. -0.005 min
Lab File: BG055460.D
Acq: 4 Nov 2022 19:10

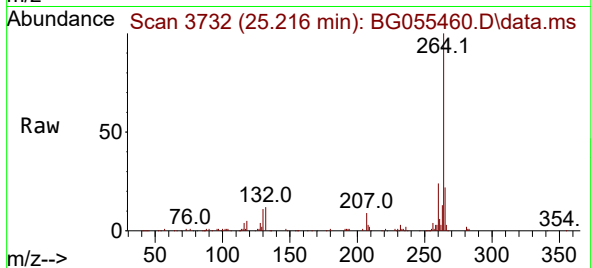
Tgt Ion:244 Resp: 969265
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.1 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.216 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG055460.D
 Acq: 4 Nov 2022 19:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-N



Tgt Ion:264 Resp: 213373
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.9 28.3
 265 21.6 17.1 25.7

