

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055465.D
 Acq On : 4 Nov 2022 22:42
 Operator : CG/JU
 Sample : N5310-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BIN 1-2-(2840)-COMP-3

Quant Time: Nov 05 00:05:57 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

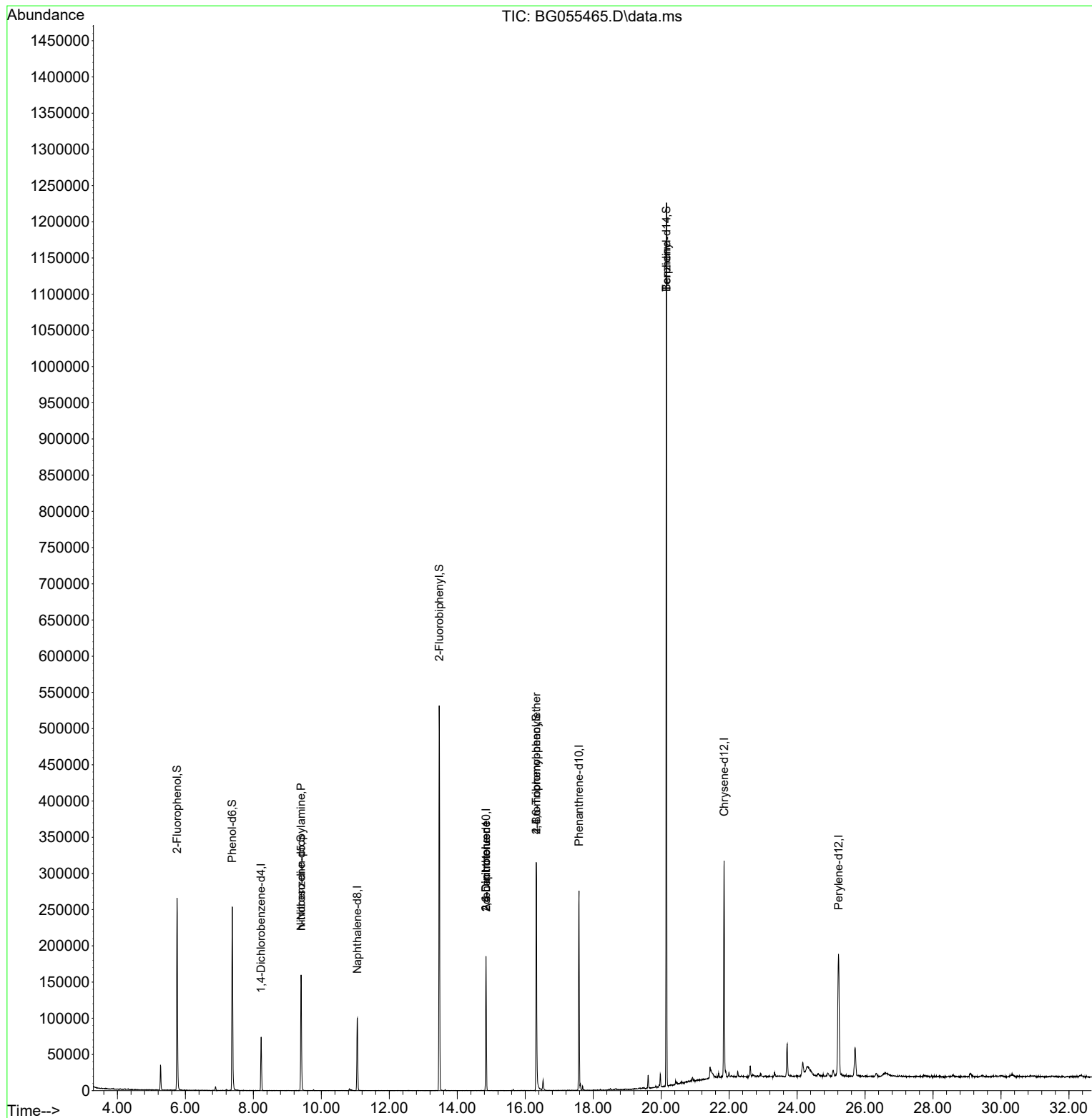
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	22824	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	94603	20.000	ng	# 0.00
39) Acenaphthene-d10	14.844	164	70860	20.000	ng	-0.01
64) Phenanthrene-d10	17.582	188	182060	20.000	ng	0.00
76) Chrysene-d12	21.854	240	189371	20.000	ng	0.00
86) Perylene-d12	25.220	264	203066	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	130486	102.670	ng	0.00
7) Phenol-d6	7.377	99	169415	96.124	ng	0.00
23) Nitrobenzene-d5	9.404	82	101397	57.122	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	77132	79.802	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	287903	60.240	ng	-0.01
79) Terphenyl-d14	20.156	244	604752	62.098	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.404	70	13327	9.677	ng	# 79
51) 2,6-Dinitrotoluene	14.844	165	9358	7.557	ng	# 27
57) 2,4-Dinitrotoluene	14.844	165	9358	5.285	ng	# 25
67) 4-Bromophenyl-phenylether	16.331	248	4705	2.186	ng	# 1
77) Benzidine	20.156	184	8233	2.088	ng	# 92

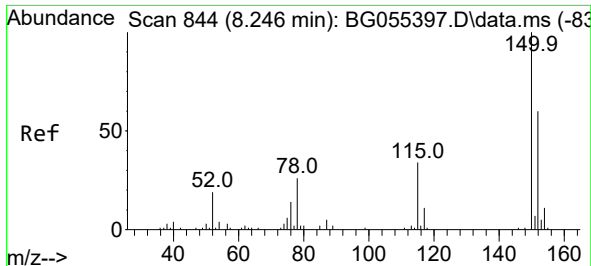
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
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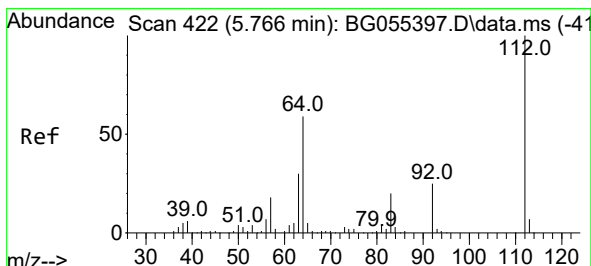
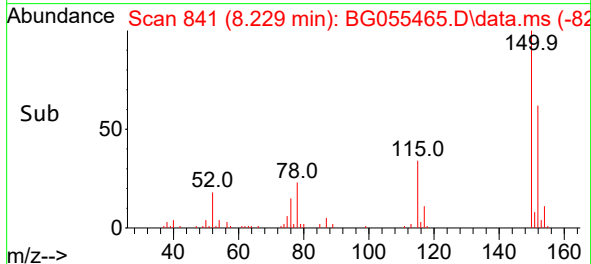
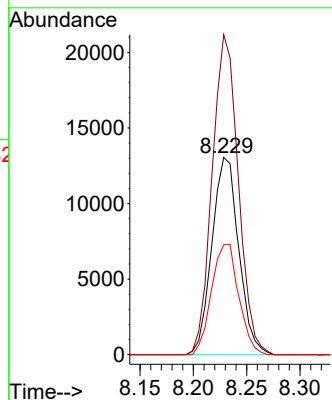
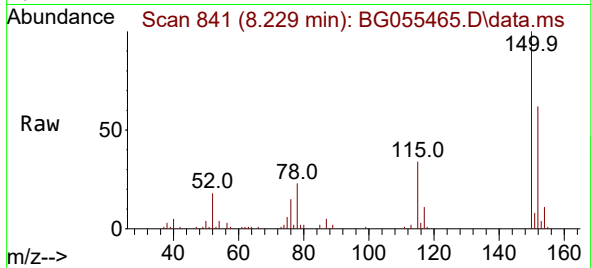




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

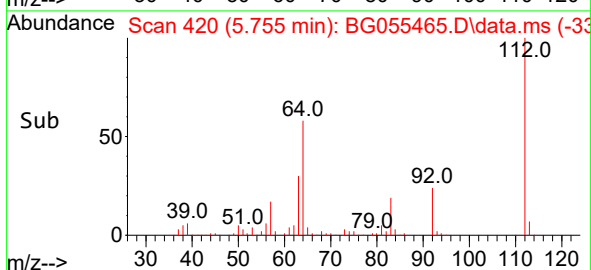
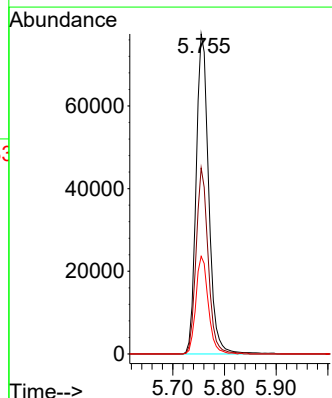
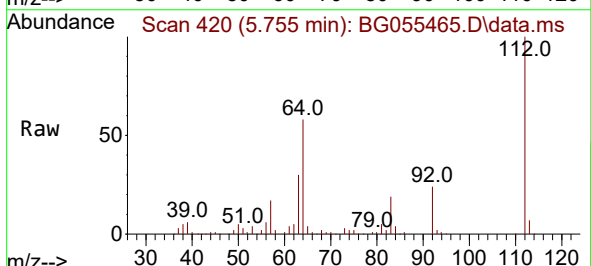
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-3

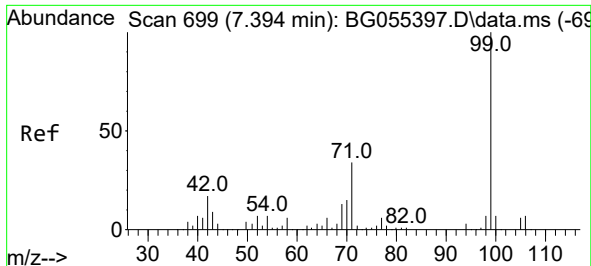
Tgt Ion:152 Resp: 22824
Ion Ratio Lower Upper
152 100
150 162.3 132.8 199.2
115 55.8 45.1 67.7



#5
2-Fluorophenol
Concen: 102.670 ng
RT: 5.755 min Scan# 420
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion:112 Resp: 130486
Ion Ratio Lower Upper
112 100
64 58.2 47.2 70.8
63 30.5 24.3 36.5

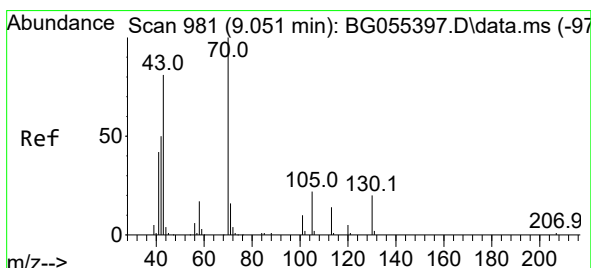
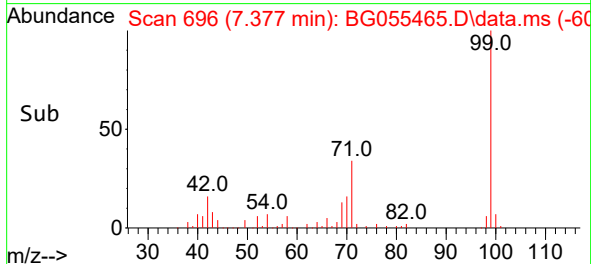
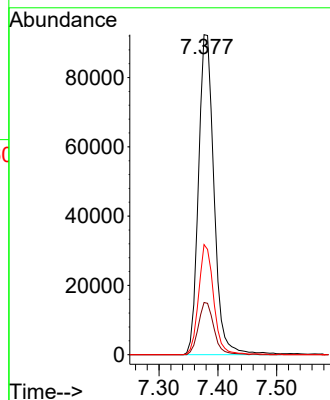
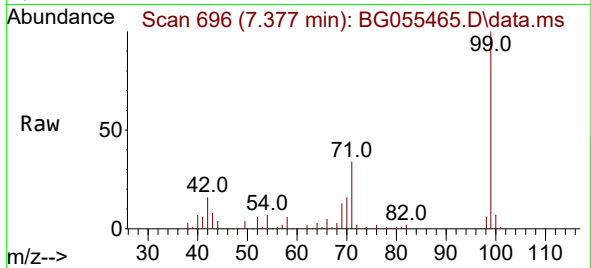




#7
Phenol-d6
Concen: 96.124 ng
RT: 7.377 min Scan# 699
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

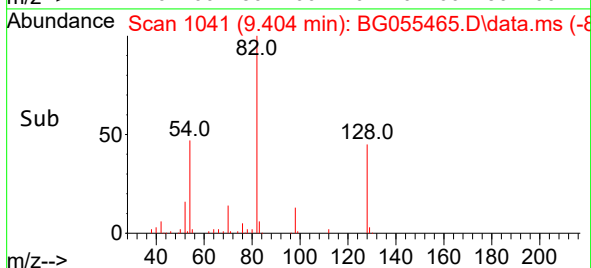
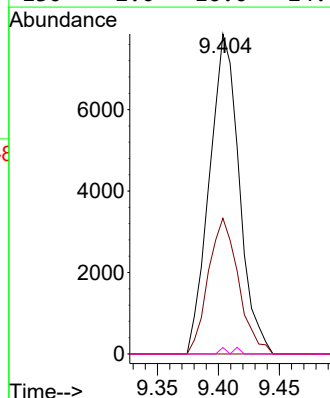
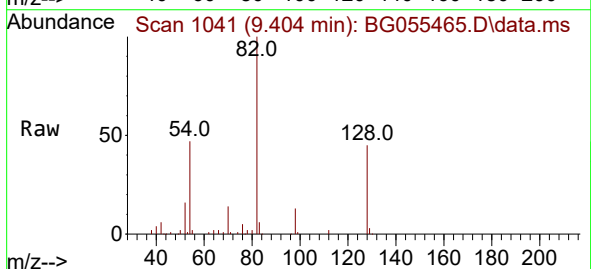
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-3

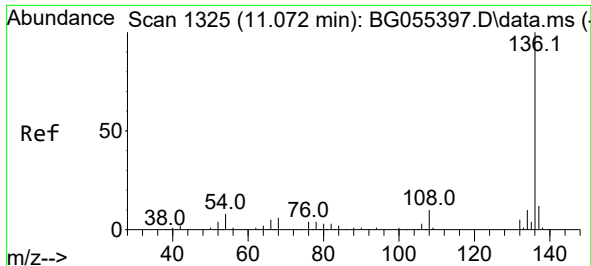
Tgt Ion: 99 Resp: 169415
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 34.4 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.677 ng
RT: 9.404 min Scan# 1041
Delta R.T. 0.363 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion: 70 Resp: 13327
Ion Ratio Lower Upper
70 100
42 42.4 40.6 61.0
101 0.0 7.8 11.6#
130 2.0 16.0 24.0#

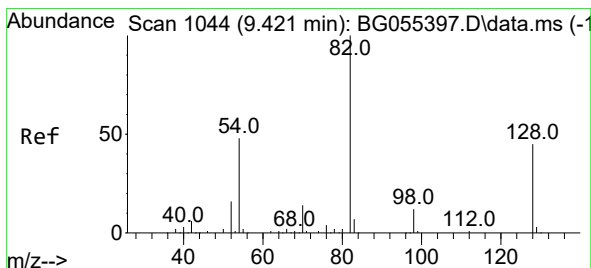
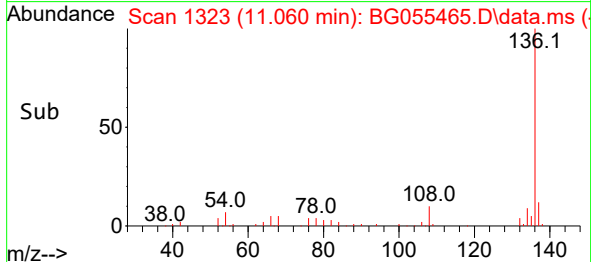
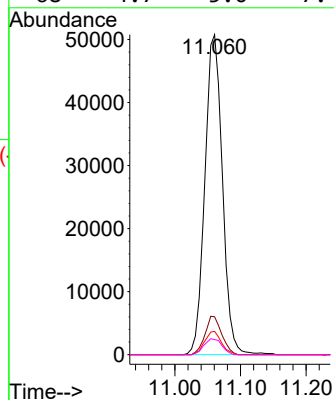
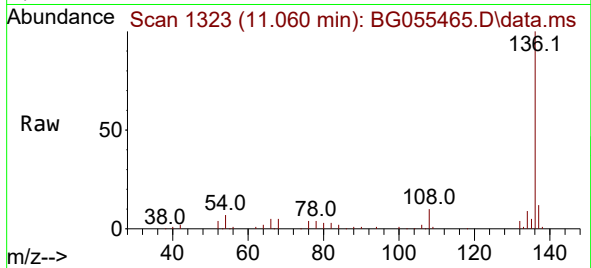




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

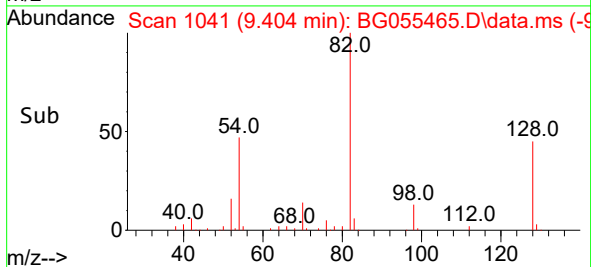
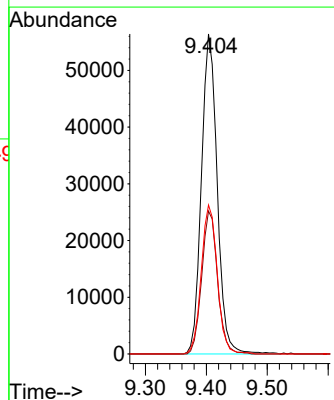
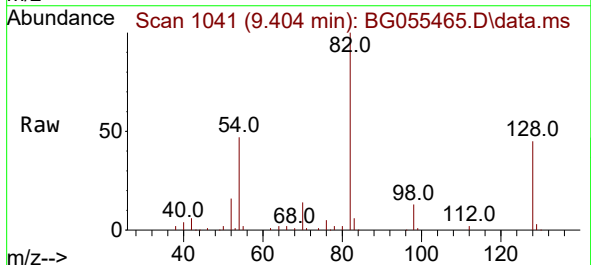
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-3

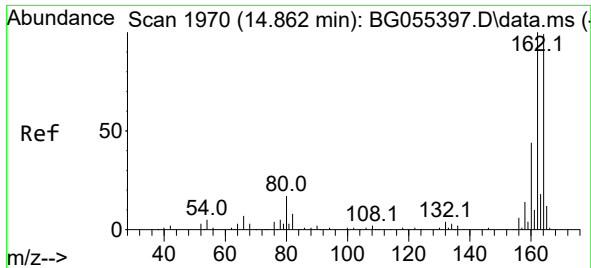
Tgt Ion:136	Resp:	94603
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.4 14.2
54	7.3	6.1 9.1
68	4.7	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 57.122 ng
RT: 9.404 min Scan# 1041
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion: 82	Resp:	101397
Ion Ratio	Lower	Upper
82	100	
128	44.7	35.8 53.8
54	46.6	38.1 57.1

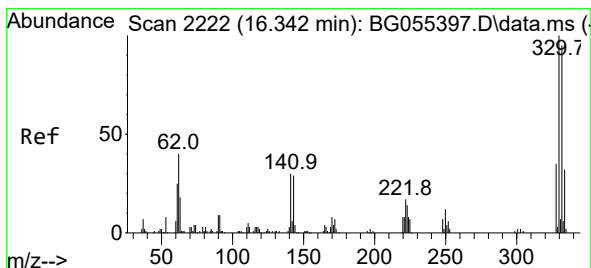
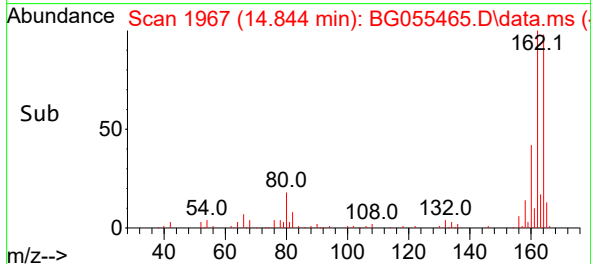
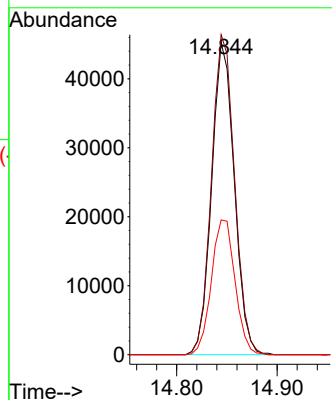
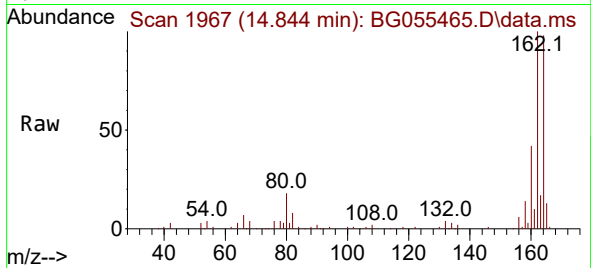




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 1970
Delta R.T. -0.013 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

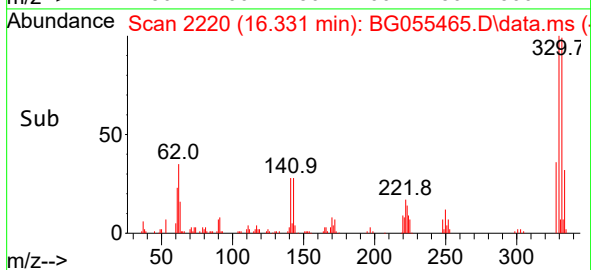
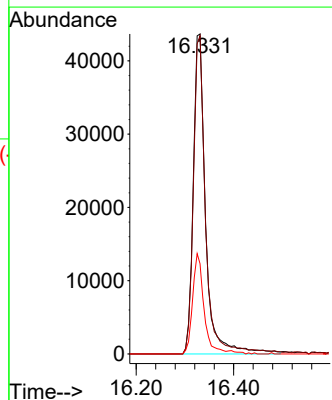
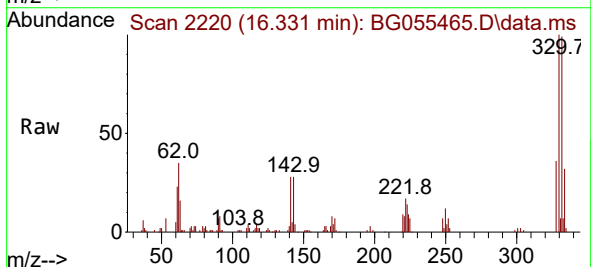
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-3

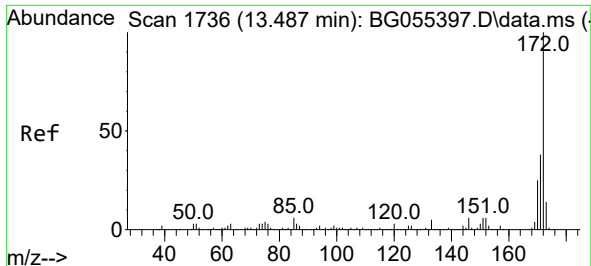
Tgt Ion:164 Resp: 70860
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 43.2 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 79.802 ng
RT: 16.331 min Scan# 2220
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion:330 Resp: 77132
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.6
141 28.5 24.2 36.2

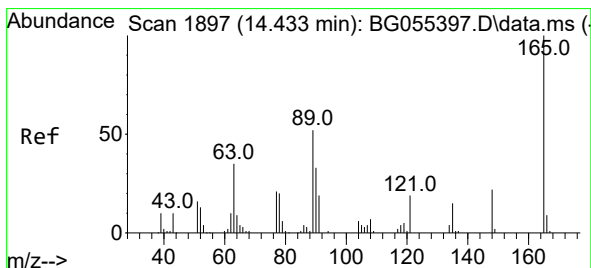
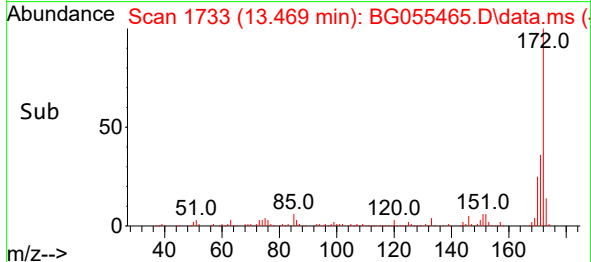
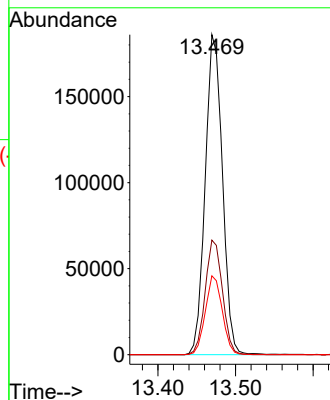
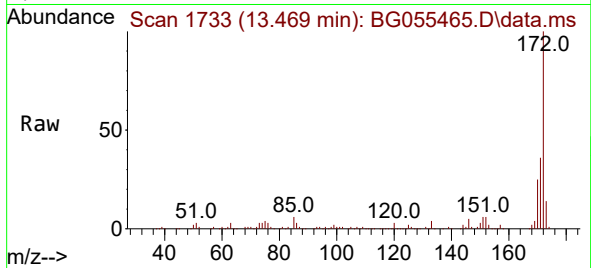




#45
2-Fluorobiphenyl
Concen: 60.240 ng
RT: 13.469 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

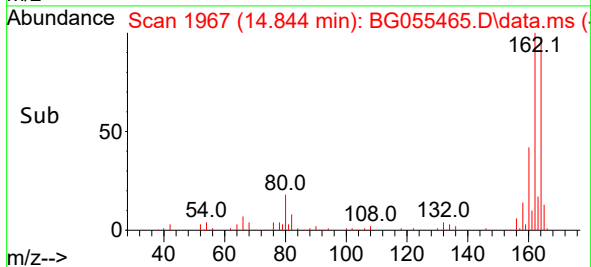
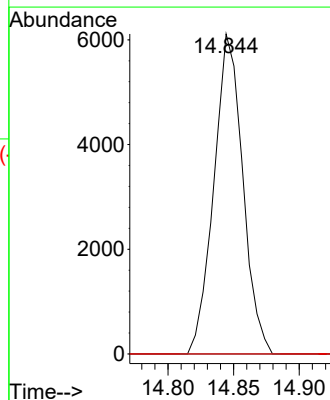
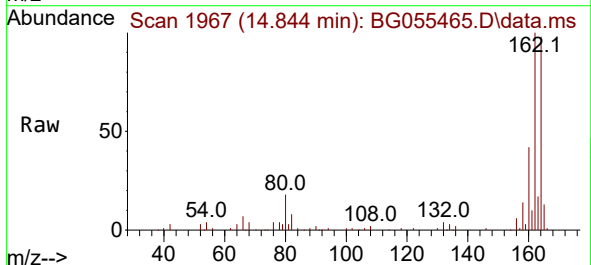
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ClientSampleId :
BIN 1-2-(2840)-COMP-3

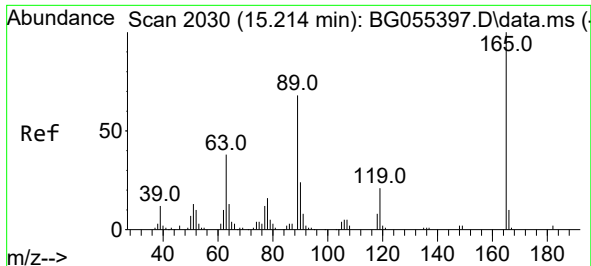
Tgt Ion:172 Resp: 287903
Ion Ratio Lower Upper
172 100
171 35.8 30.2 45.2
170 24.7 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.557 ng
RT: 14.844 min Scan# 1967
Delta R.T. 0.422 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion:165 Resp: 9358
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: 5.285 ng

RT: 14.844 min Scan# 1967

Delta R.T. -0.365 min

Lab File: BG055465.D

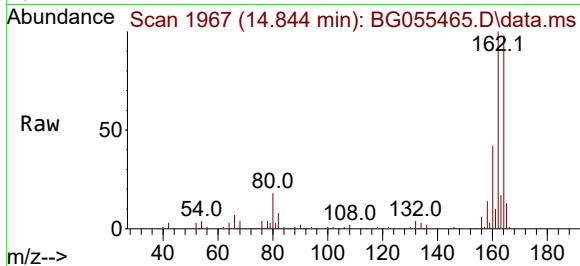
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Instrument :

BNA_G

ClientSampleId :

BIN 1-2-(2840)-COMP-3



Tgt Ion:165 Resp: 9358

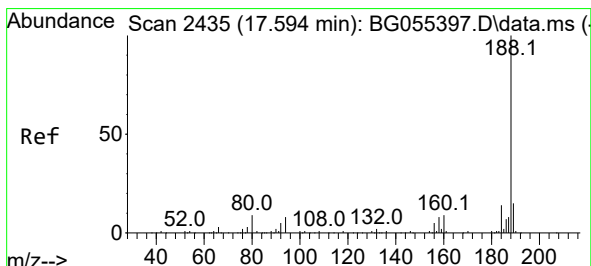
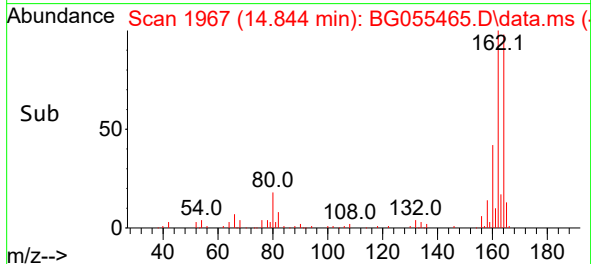
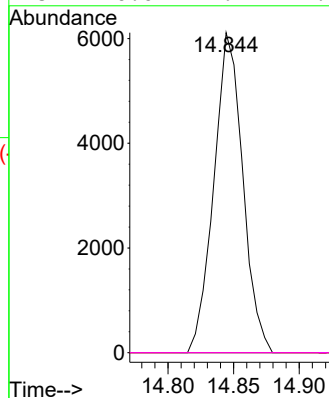
Ion Ratio Lower Upper

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: 17.582 min Scan# 2433

Delta R.T. -0.007 min

Lab File: BG055465.D

Acq: 4 Nov 2022 22:42

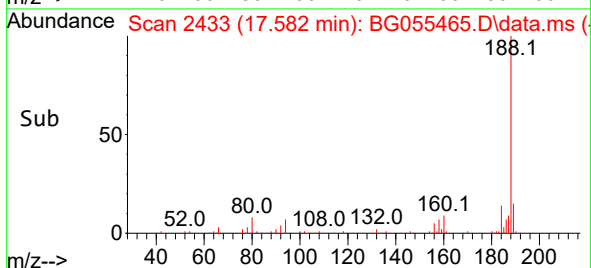
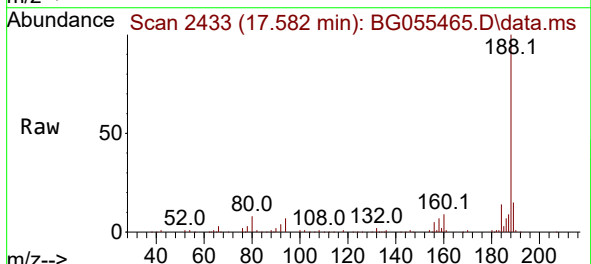
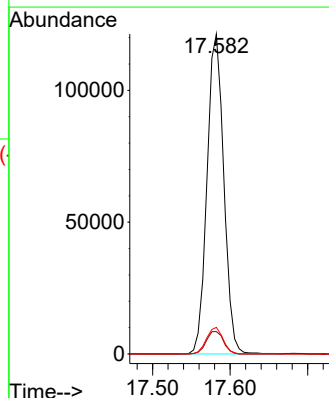
Tgt Ion:188 Resp: 182060

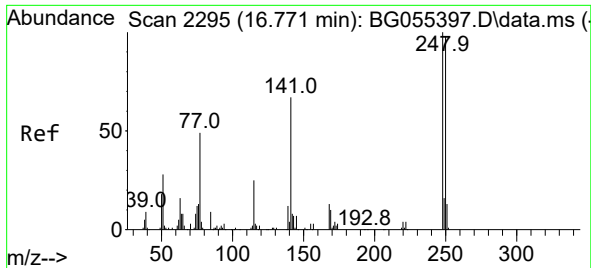
Ion Ratio Lower Upper

188 100

94 7.0 6.5 9.7

80 8.3 7.4 11.0

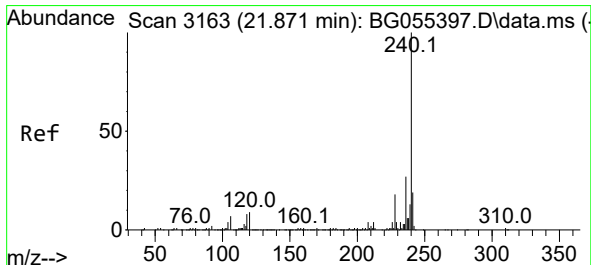
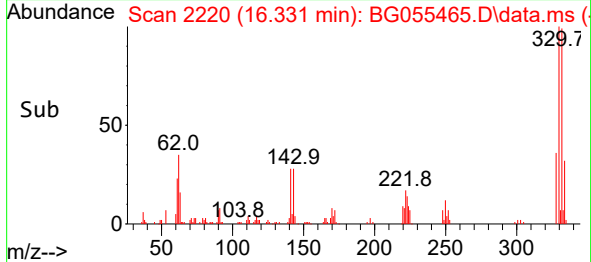
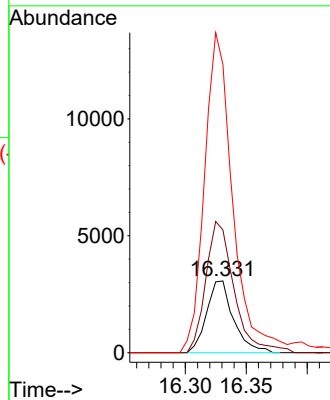
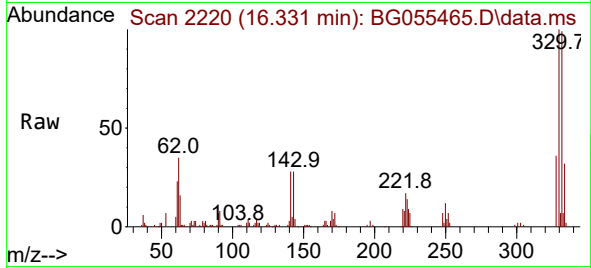




#67
4-Bromophenyl-phenylether
Concen: 2.186 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

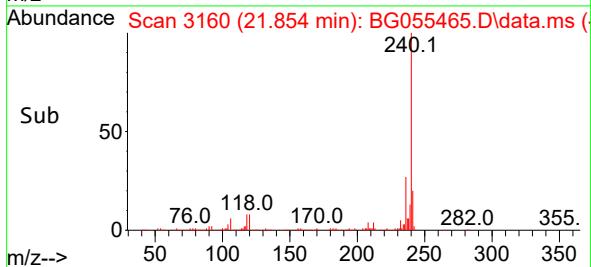
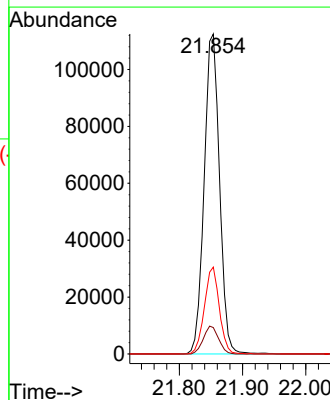
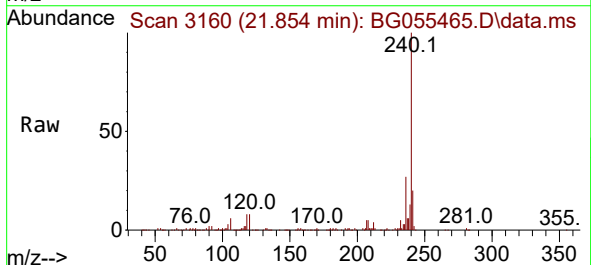
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-3

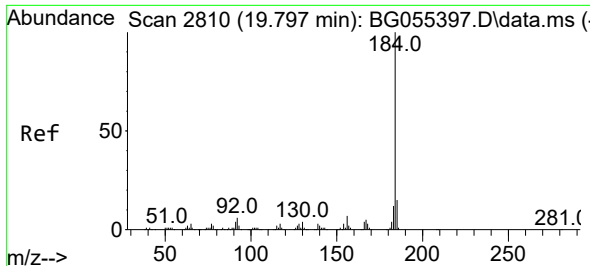
Tgt Ion:248 Resp: 4705
Ion Ratio Lower Upper
248 100
250 171.2 78.3 117.5#
141 402.0 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Tgt Ion:240 Resp: 189371
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 27.1 21.5 32.3

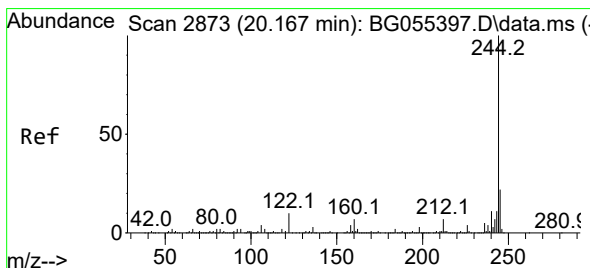
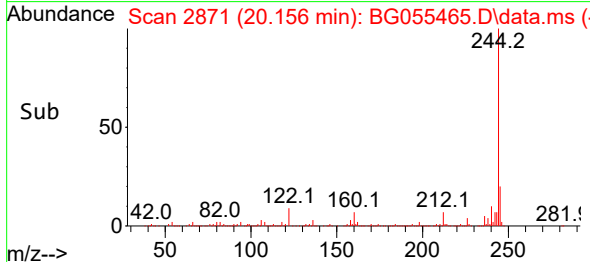
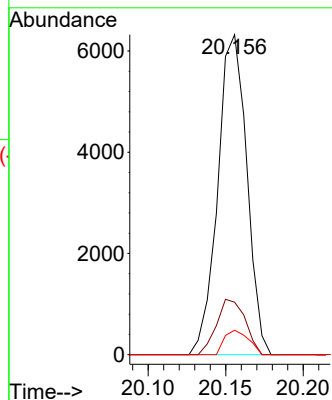
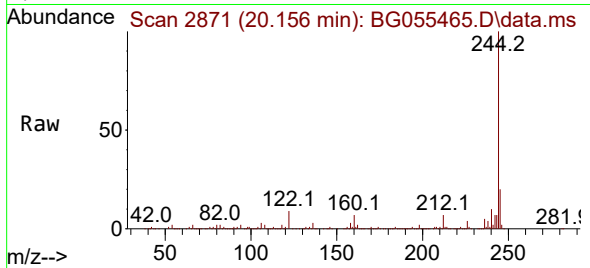




#77
Benzidine
Concen: 2.088 ng
RT: 20.156 min Scan# 2871
Delta R.T. 0.363 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

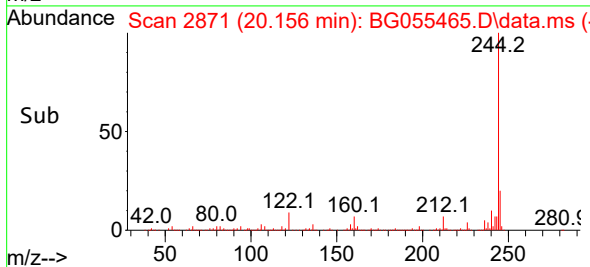
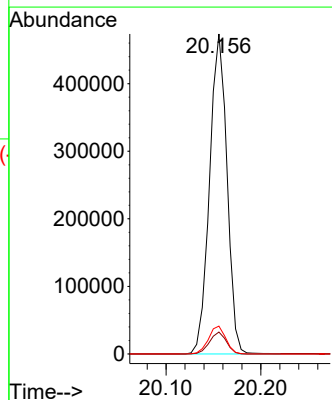
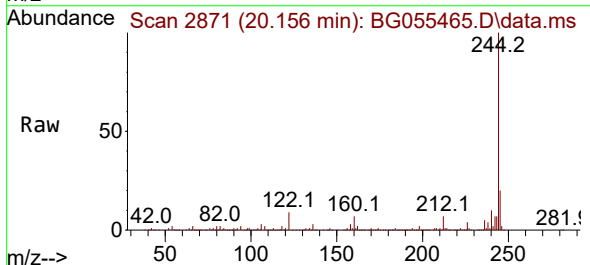
Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-3

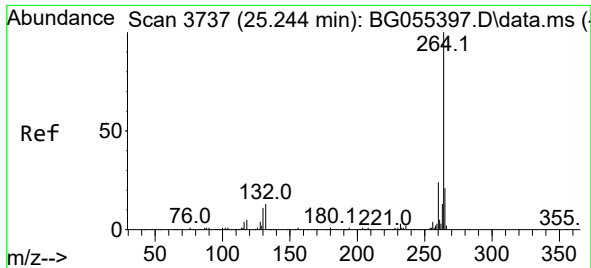
Tgt Ion:184 Resp: 8233
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 7.6 9.8 14.8#



#79
Terphenyl-d14
Concen: 62.098 ng
RT: 20.156 min Scan# 2871
Delta R.T. -0.007 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

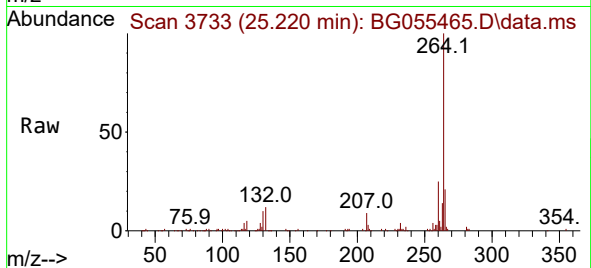
Tgt Ion:244 Resp: 604752
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 8.7 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.220 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG055465.D
Acq: 4 Nov 2022 22:42

Instrument :
BNA_G
ClientSampleId :
BIN 1-2-(2840)-COMP-3



Tgt Ion:264 Resp: 203066

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.9	28.3
265	21.3	17.1	25.7

