

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055463.D
 Acq On : 4 Nov 2022 21:18
 Operator : CG/JU
 Sample : N5418-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-K

Quant Time: Nov 05 00:05:31 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)

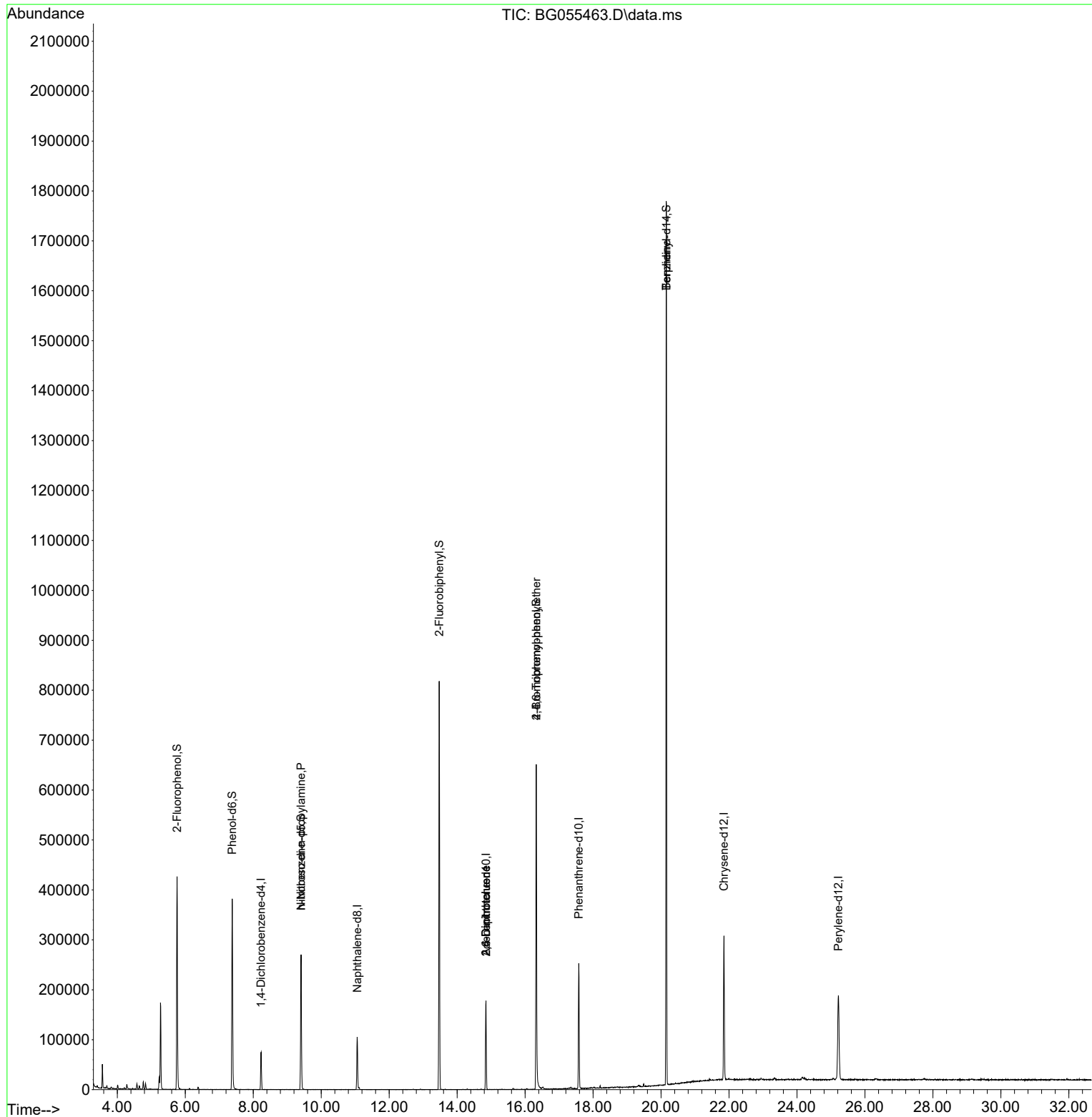
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	23225	20.000	ng	0.00
21) Naphthalene-d8	11.058	136	95764	20.000	ng	# 0.00
39) Acenaphthene-d10	14.847	164	66778	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	171115	20.000	ng	0.00
76) Chrysene-d12	21.851	240	190122	20.000	ng	0.00
86) Perylene-d12	25.218	264	204055	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	202762	156.784	ng	0.00
7) Phenol-d6	7.380	99	244849	136.526	ng	0.00
23) Nitrobenzene-d5	9.407	82	169256	94.195	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	152994	167.965	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	430933	95.679	ng	0.00
79) Terphenyl-d14	20.159	244	917792	93.870	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.407	70	22220	15.856	ng	# 78
51) 2,6-Dinitrotoluene	14.847	165	8742	7.491	ng	# 27
57) 2,4-Dinitrotoluene	14.847	165	8742	5.239	ng	# 25
67) 4-Bromophenyl-phenylether	16.328	248	9276	4.586	ng	# 1
77) Benzidine	20.159	184	13247	3.347	ng	# 90

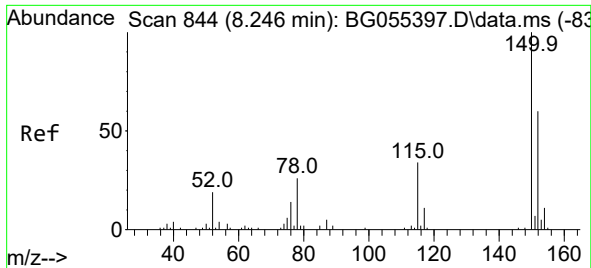
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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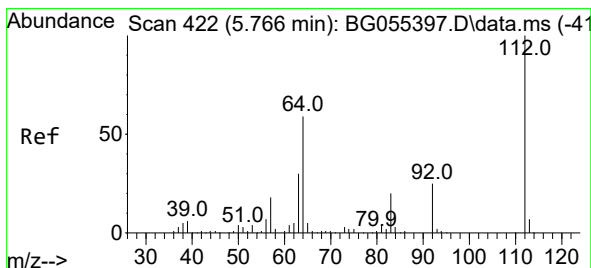
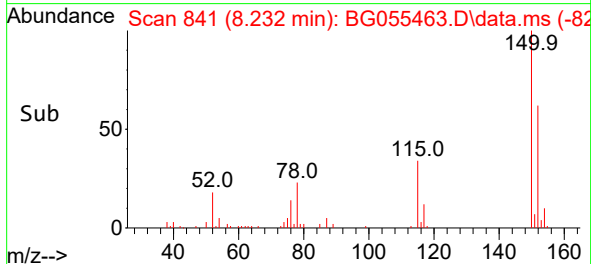
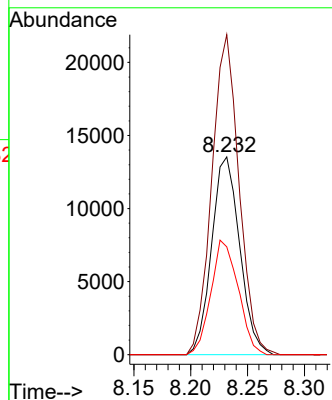
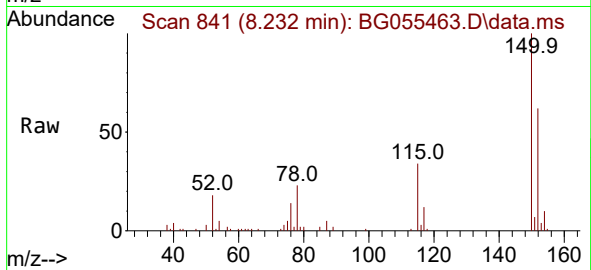




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.232 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

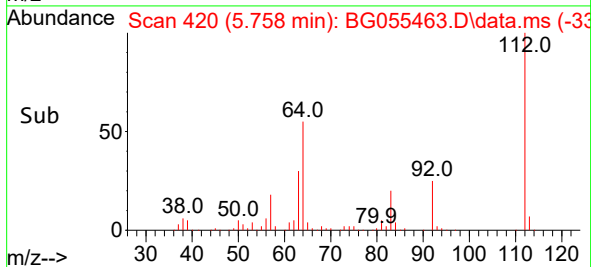
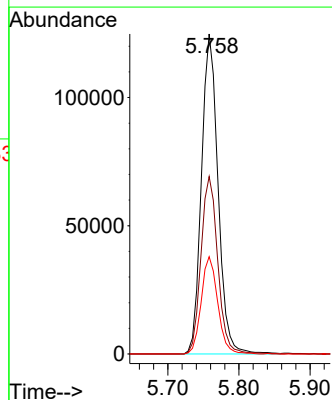
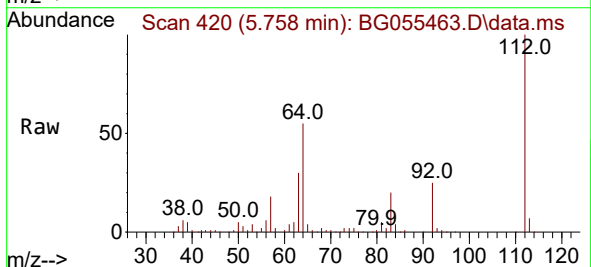
Instrument :
BNA_G
ClientSampleId :
TP-K

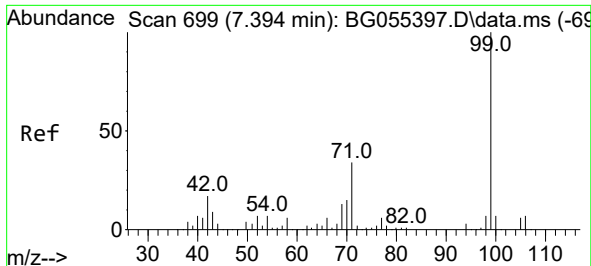
Tgt Ion:152 Resp: 23225
Ion Ratio Lower Upper
152 100
150 161.8 132.8 199.2
115 54.5 45.1 67.7



#5
2-Fluorophenol
Concen: 156.784 ng
RT: 5.758 min Scan# 420
Delta R.T. -0.004 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

Tgt Ion:112 Resp: 202762
Ion Ratio Lower Upper
112 100
64 55.4 47.2 70.8
63 30.4 24.3 36.5

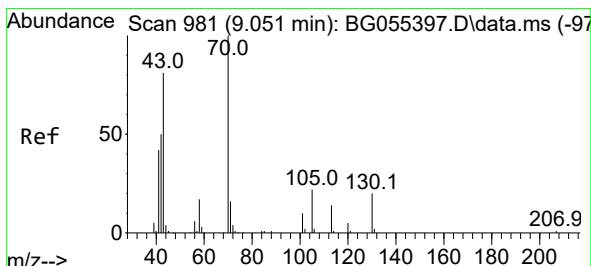
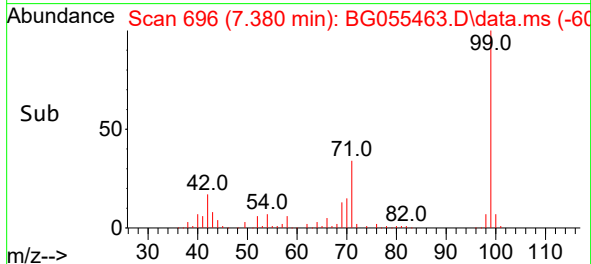
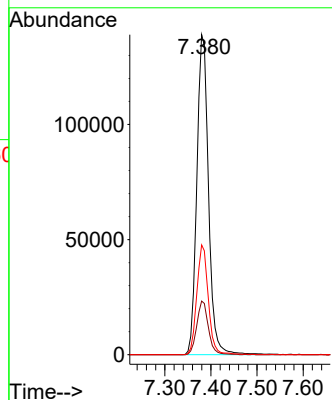
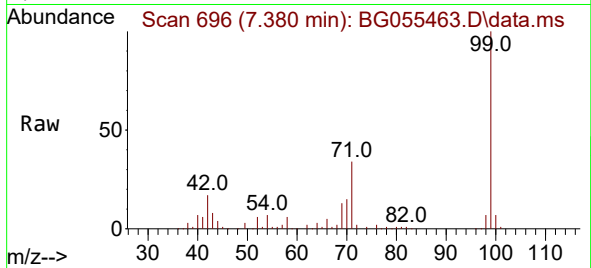




#7
Phenol-d6
Concen: 136.526 ng
RT: 7.380 min Scan# 699
Delta R.T. -0.004 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

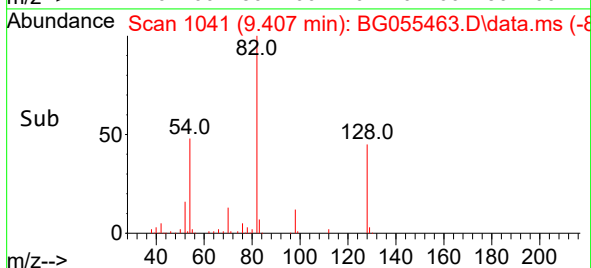
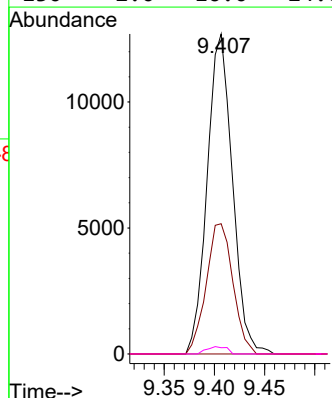
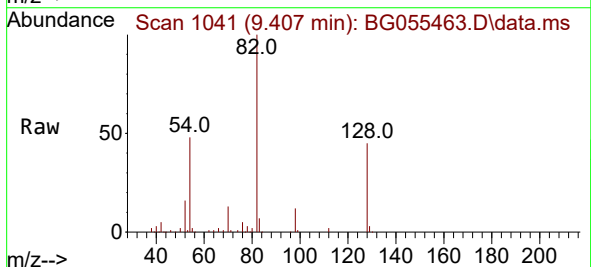
Instrument :
BNA_G
ClientSampleId :
TP-K

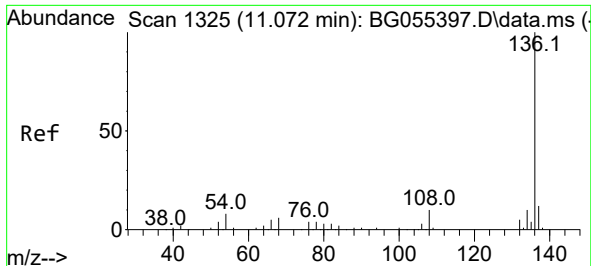
Tgt Ion: 99 Resp: 244849
Ion Ratio Lower Upper
99 100
42 16.8 13.5 20.3
71 34.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.856 ng
RT: 9.407 min Scan# 1041
Delta R.T. 0.366 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

Tgt Ion: 70 Resp: 22220
Ion Ratio Lower Upper
70 100
42 40.7 40.6 61.0
101 0.0 7.8 11.6#
130 2.0 16.0 24.0#

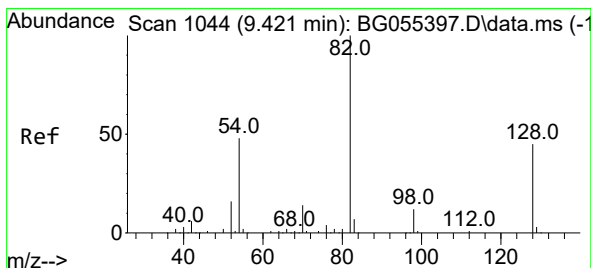
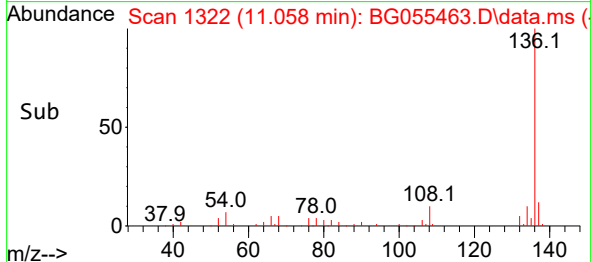
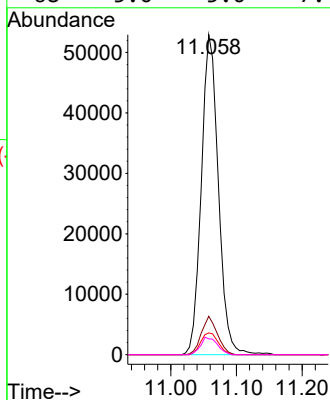
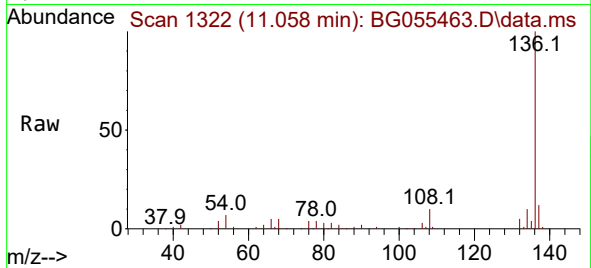




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.058 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

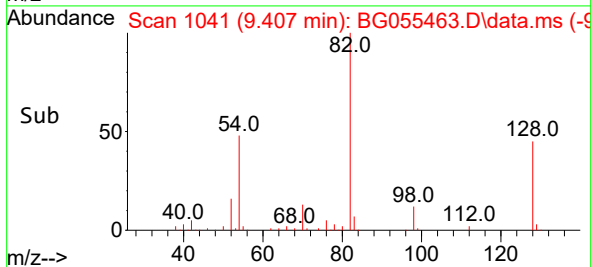
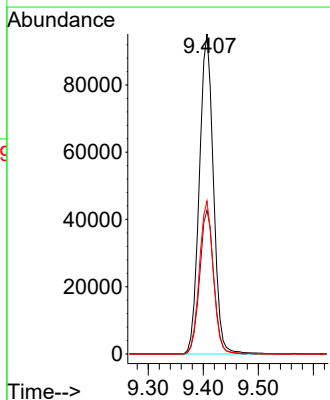
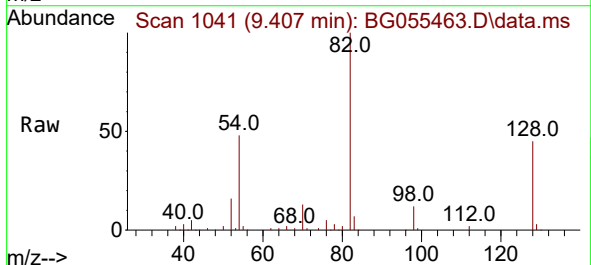
Instrument :
BNA_G
ClientSampleId :
TP-K

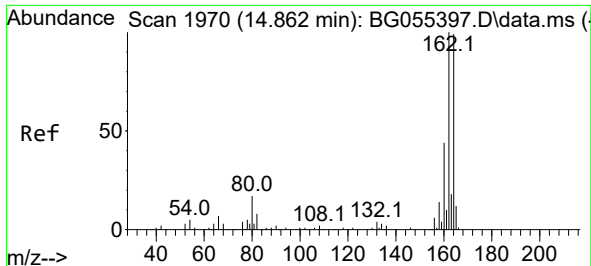
Tgt Ion:	136	Resp:	95764
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.4	14.2
54	6.8	6.1	9.1
68	5.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 94.195 ng
RT: 9.407 min Scan# 1041
Delta R.T. -0.004 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

Tgt Ion:	82	Resp:	169256
Ion Ratio	Lower	Upper	
82	100		
128	44.9	35.8	53.8
54	47.8	38.1	57.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.847 min Scan# 1970

Delta R.T. -0.010 min

Lab File: BG055463.D

Acq: 4 Nov 2022 21:18

Instrument :

BNA_G

ClientSampleId :

TP-K

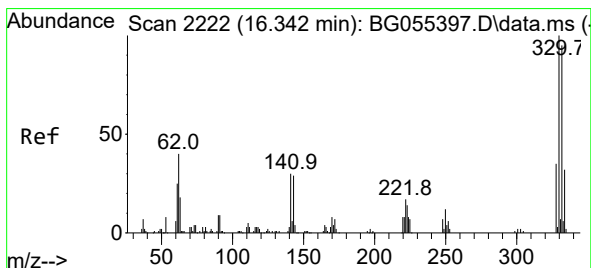
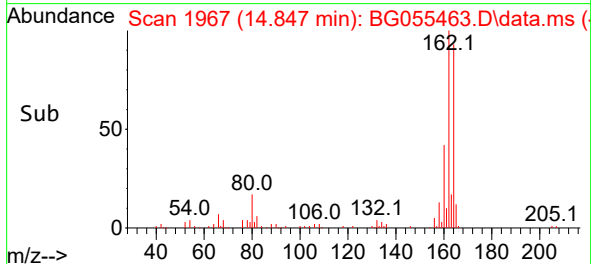
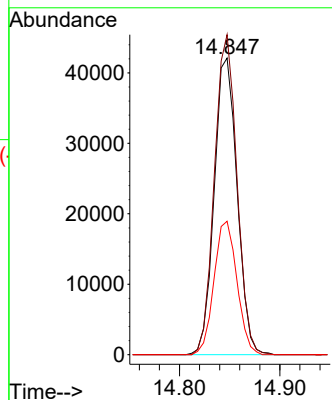
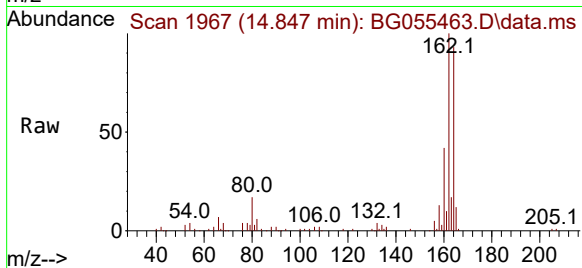
Tgt Ion:164 Resp: 66778

Ion Ratio Lower Upper

164 100

162 107.8 81.1 121.7

160 45.0 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 167.965 ng

RT: 16.328 min Scan# 2219

Delta R.T. -0.010 min

Lab File: BG055463.D

Acq: 4 Nov 2022 21:18

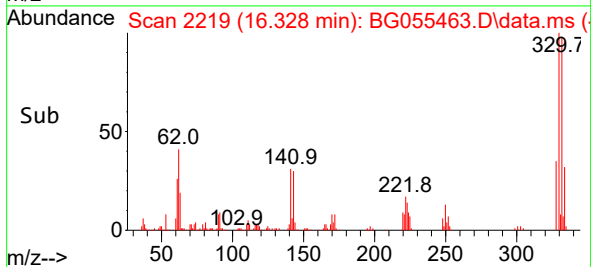
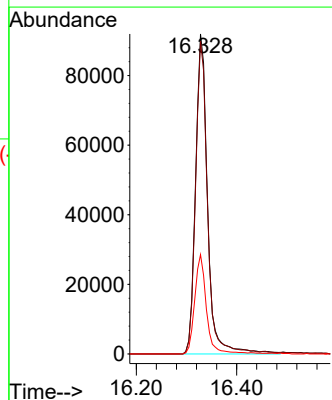
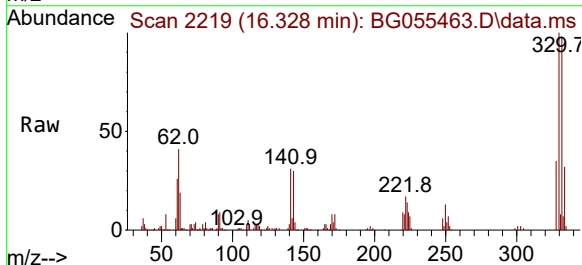
Tgt Ion:330 Resp: 152994

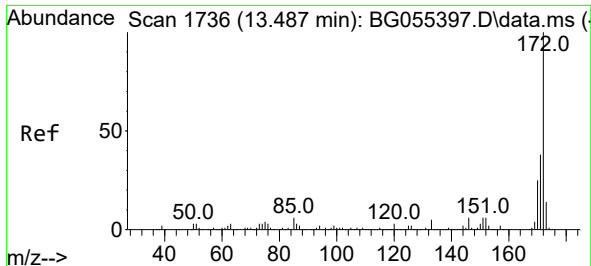
Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

141 30.4 24.2 36.2

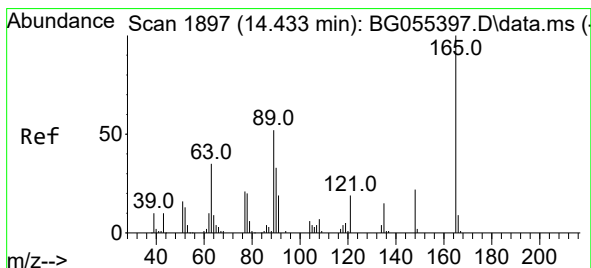
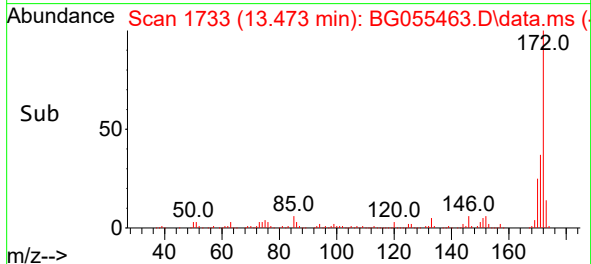
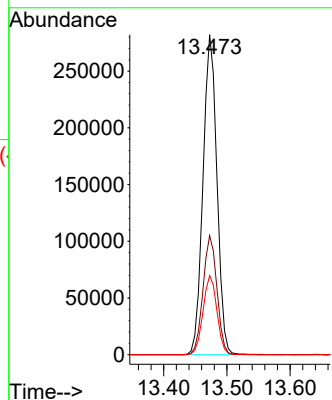
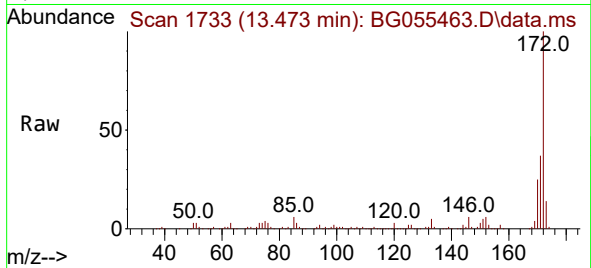




#45
2-Fluorobiphenyl
Concen: 95.679 ng
RT: 13.473 min Scan# 1733
Delta R.T. -0.010 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

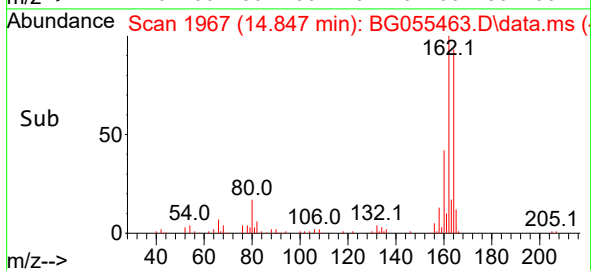
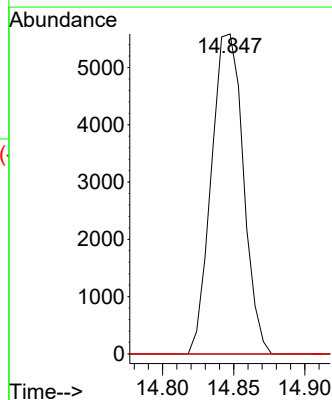
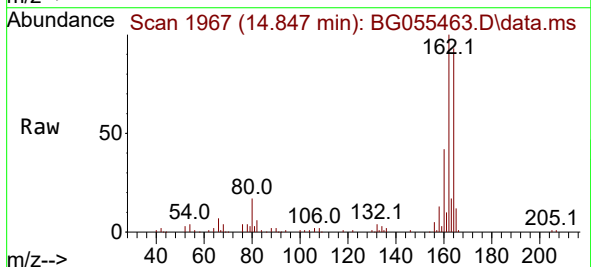
Instrument :
BNA_G
ClientSampleId :
TP-K

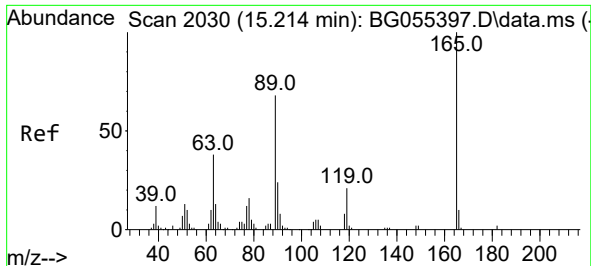
Tgt Ion:172 Resp: 430933
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.2
170 24.7 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.491 ng
RT: 14.847 min Scan# 1967
Delta R.T. 0.425 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

Tgt Ion:165 Resp: 8742
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: 5.239 ng

RT: 14.847 min Scan# 1967

Delta R.T. -0.362 min

Lab File: BG055463.D

Acq: 4 Nov 2022 21:18

Instrument :

BNA_G

ClientSampleId :

TP-K

Tgt Ion:165 Resp: 8742

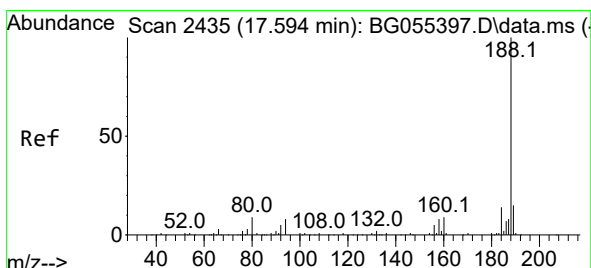
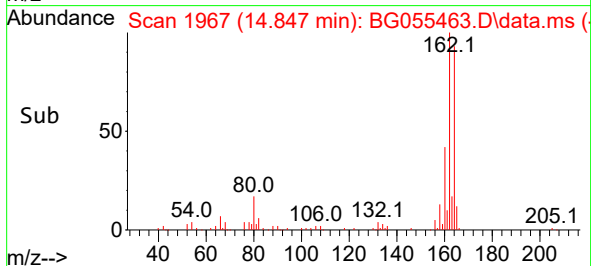
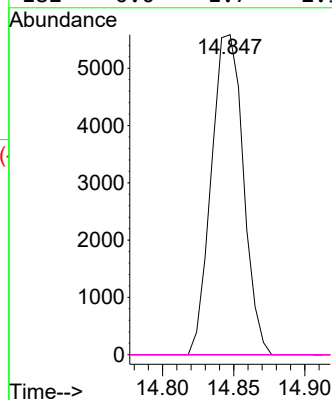
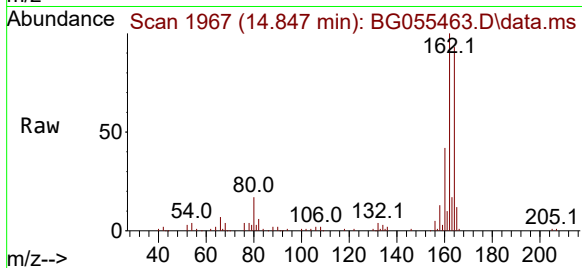
Ion Ratio Lower Upper

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: 17.579 min Scan# 2432

Delta R.T. -0.010 min

Lab File: BG055463.D

Acq: 4 Nov 2022 21:18

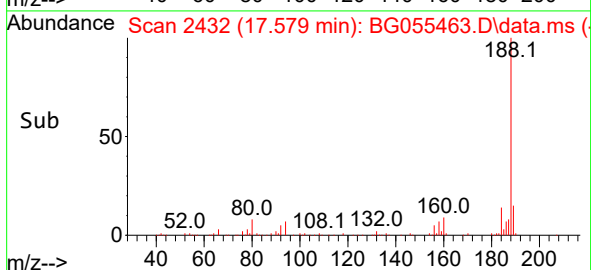
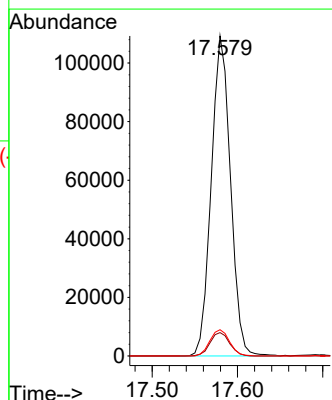
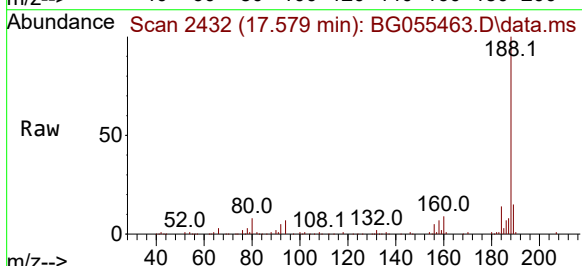
Tgt Ion:188 Resp: 171115

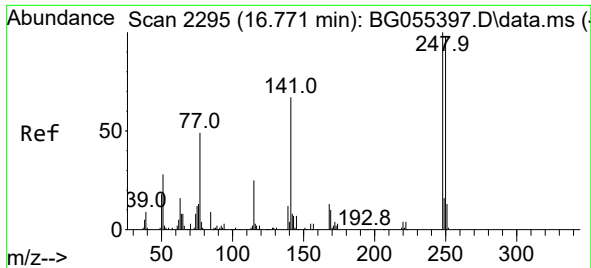
Ion Ratio Lower Upper

188 100

94 7.3 6.5 9.7

80 8.2 7.4 11.0

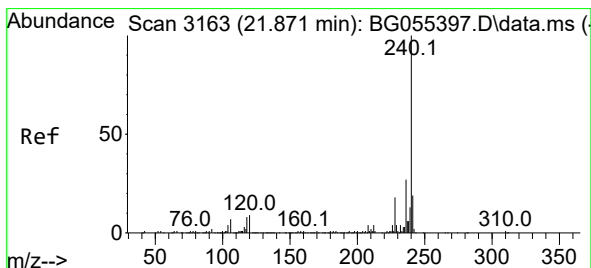
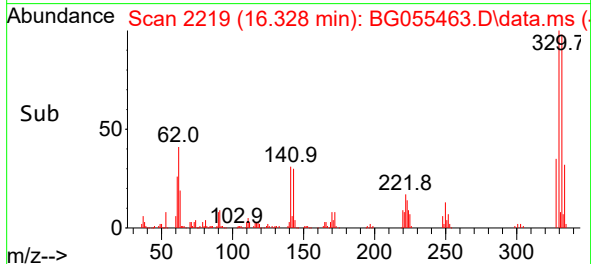
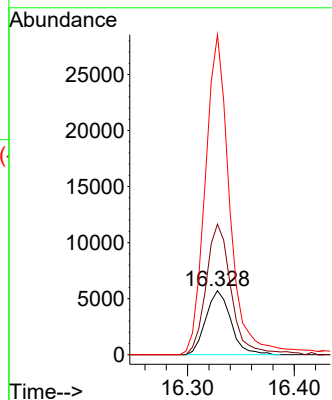
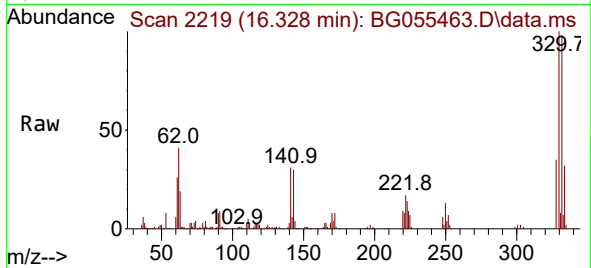




#67
4-Bromophenyl-phenylether
Concen: 4.586 ng
RT: 16.328 min Scan# 211
Delta R.T. -0.439 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

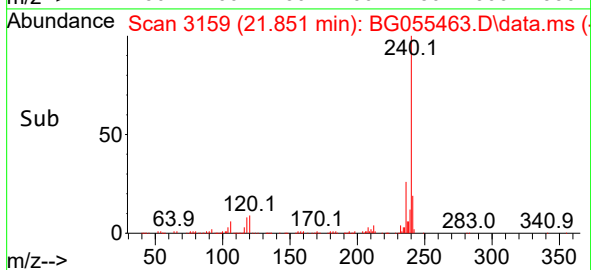
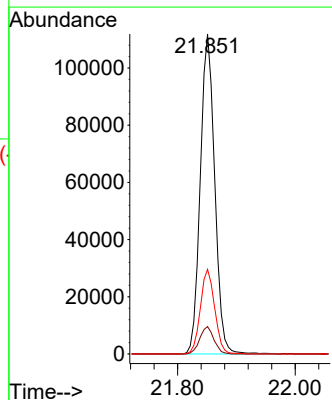
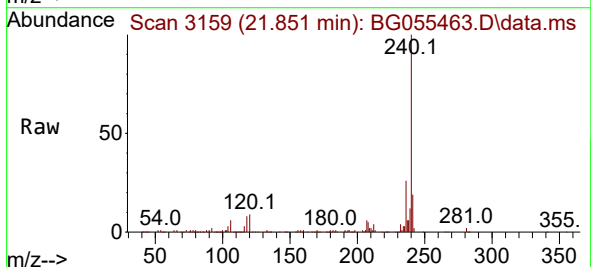
Instrument :
BNA_G
ClientSampleId :
TP-K

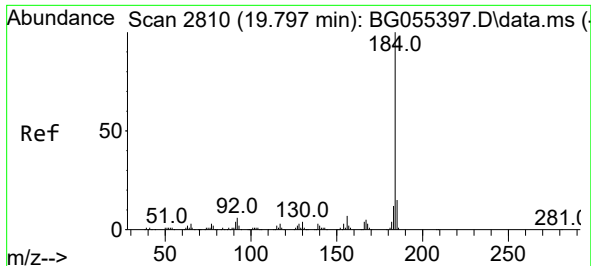
Tgt Ion:248 Resp: 9276
Ion Ratio Lower Upper
248 100
250 203.7 78.3 117.5#
141 499.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3159
Delta R.T. -0.010 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

Tgt Ion:240 Resp: 190122
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.5 21.5 32.3

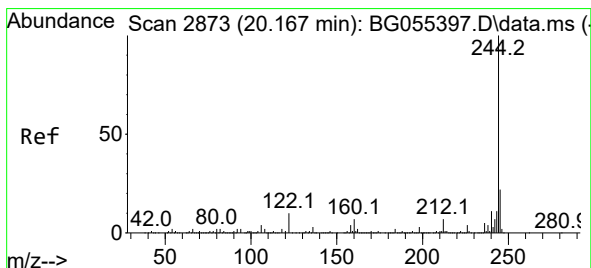
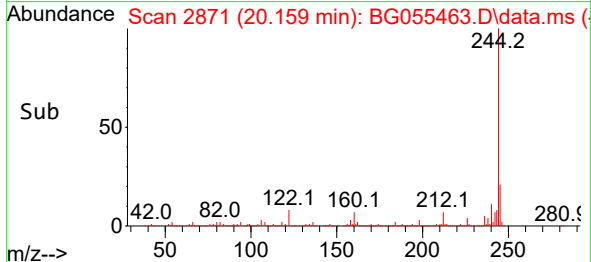
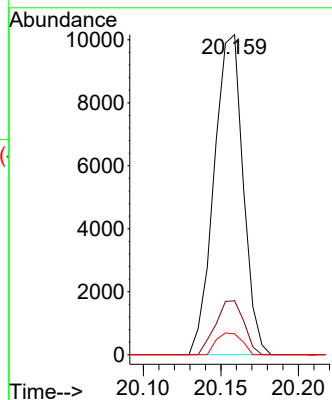
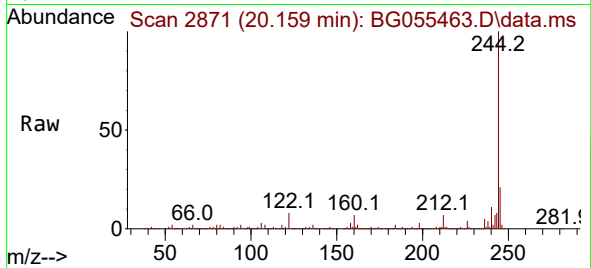




#77
Benzidine
Concen: 3.347 ng
RT: 20.159 min Scan# 2871
Delta R.T. 0.366 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

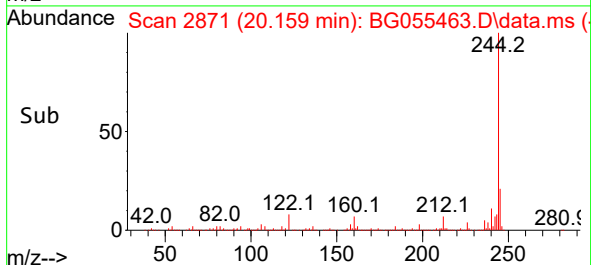
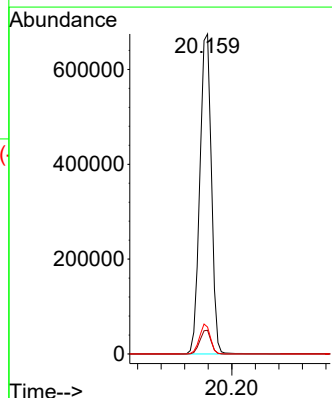
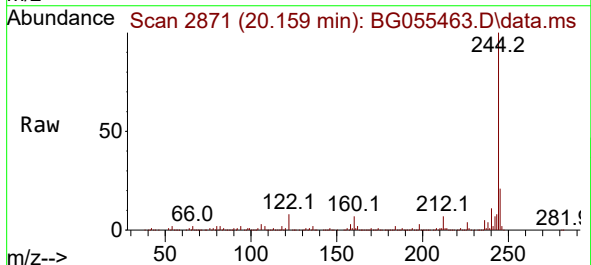
Instrument :
BNA_G
ClientSampleId :
TP-K

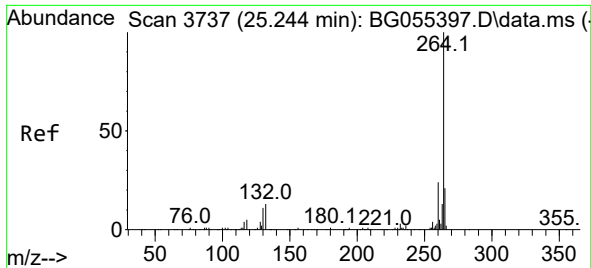
Tgt Ion:184 Resp: 13247
Ion Ratio Lower Upper
184 100
185 16.9 11.7 17.5
183 6.5 9.8 14.8#



#79
Terphenyl-d14
Concen: 93.870 ng
RT: 20.159 min Scan# 2871
Delta R.T. -0.004 min
Lab File: BG055463.D
Acq: 4 Nov 2022 21:18

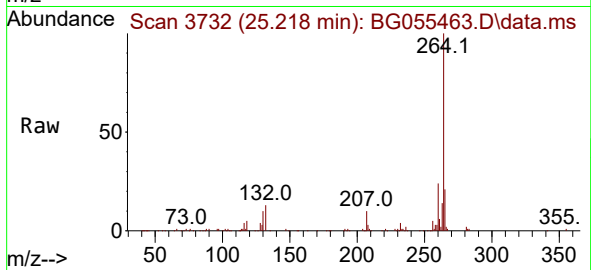
Tgt Ion:244 Resp: 917792
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 8.4 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.218 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: BG055463.D
 Acq: 4 Nov 2022 21:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-K



Tgt Ion:264 Resp: 204055
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 21.1 17.1 25.7

