

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056258.D
 Acq On : 11 Jan 2023 20:05
 Operator : CG/JU
 Sample : 01069-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Jan 12 04:23:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

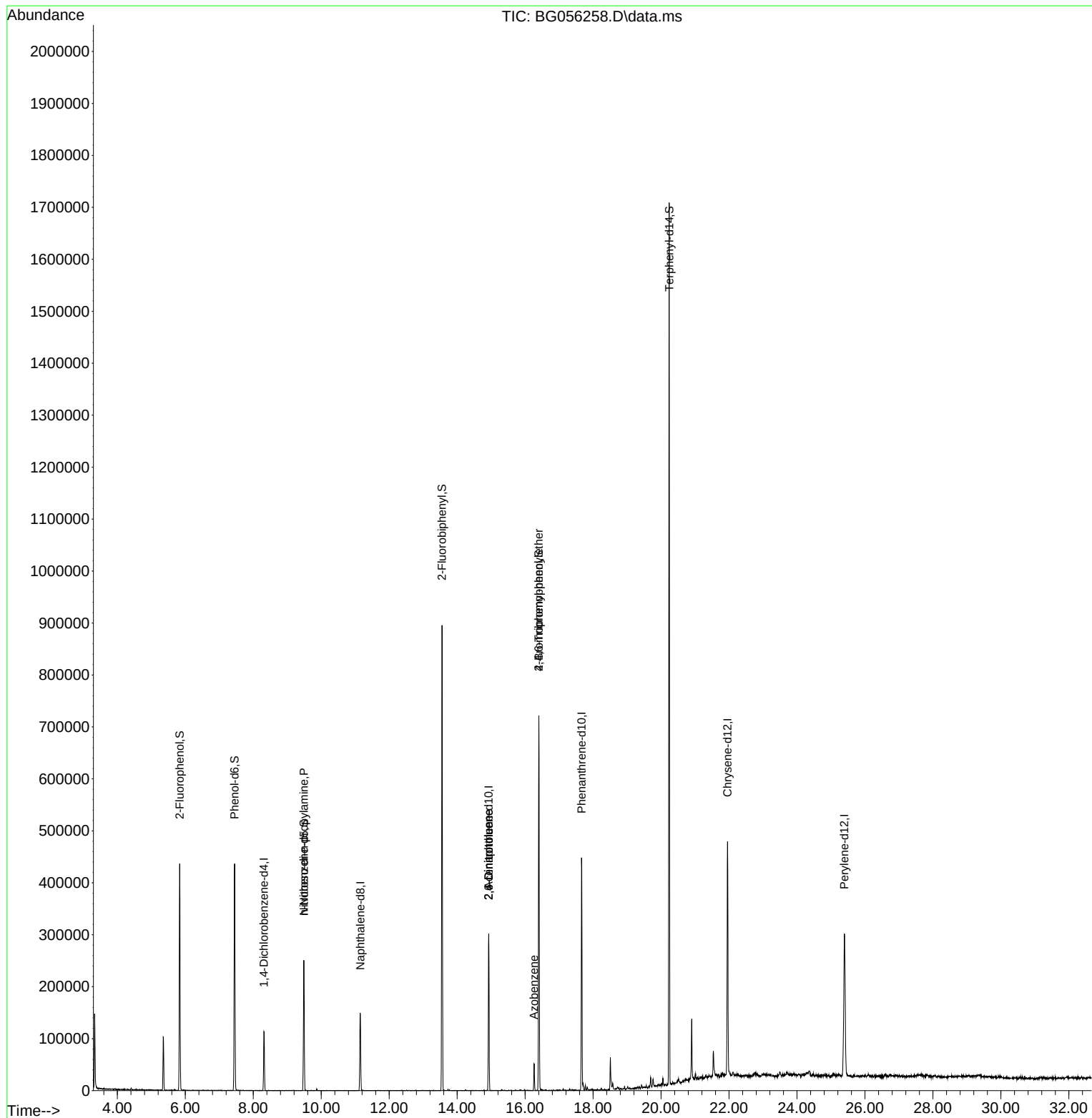
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	37959	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	140583	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	118336	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	312700	20.000	ng	0.00
76) Chrysene-d12	21.955	240	310048	20.000	ng	# 0.00
86) Perylene-d12	25.392	264	344661	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	239784	112.788	ng	0.00
7) Phenol-d6	7.448	99	343175	105.111	ng	0.00
23) Nitrobenzene-d5	9.487	82	177930	64.740	ng	0.00
42) 2,4,6-Tribromophenol	16.402	330	145636	97.174	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	496983	57.994	ng	0.00
79) Terphenyl-d14	20.239	244	955034	55.169	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.487	70	21643	10.901	ng	# 73
51) 2,6-Dinitrotoluene	14.922	165	14951	7.345	ng	# 33
57) 2,4-Dinitrotoluene	14.922	165	14951	5.252	ng	# 30
63) Azobenzene	16.261	77	14709	2.128	ng	# 1
67) 4-Bromophenyl-phenylether	16.402	248	12135	3.048	ng	# 1

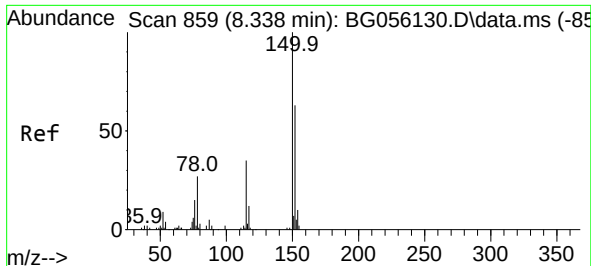
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

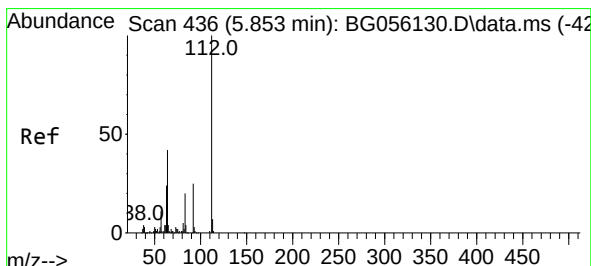
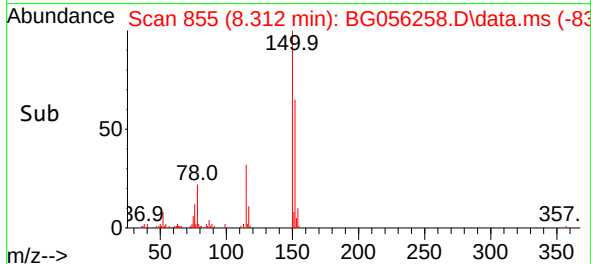
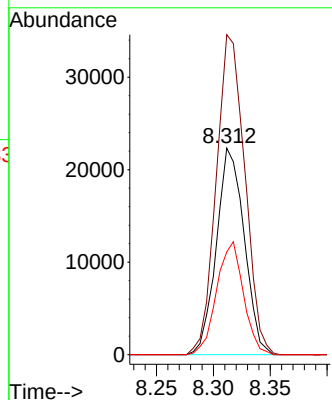
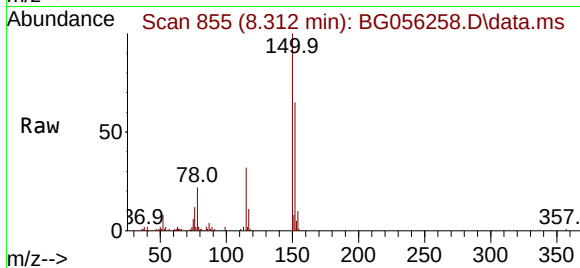




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.312 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

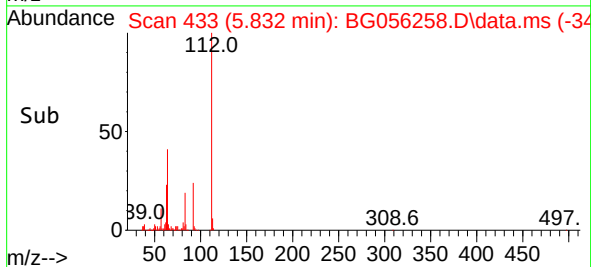
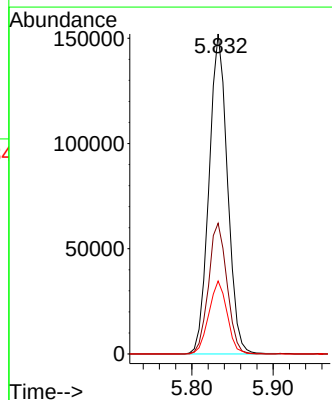
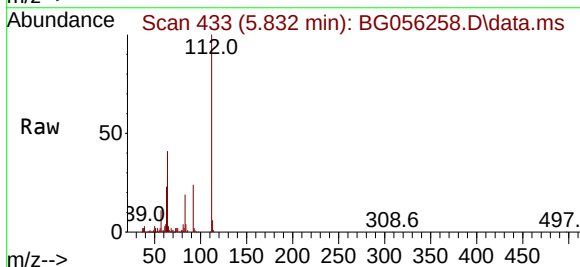
Instrument :
BNA_G
ClientSampleId :
TP-7

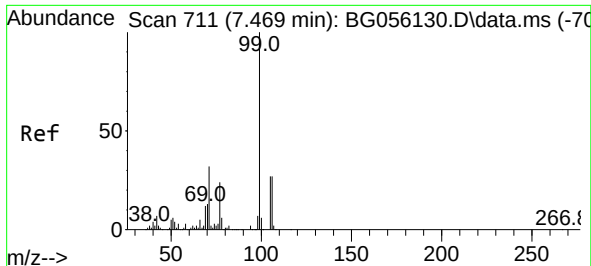
Tgt Ion:152 Resp: 37959
Ion Ratio Lower Upper
152 100
150 154.9 127.9 191.9
115 49.7 44.2 66.2



#5
2-Fluorophenol
Concen: 112.788 ng
RT: 5.832 min Scan# 433
Delta R.T. 0.007 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Tgt Ion:112 Resp: 239784
Ion Ratio Lower Upper
112 100
64 40.8 33.3 49.9
63 22.8 19.0 28.4

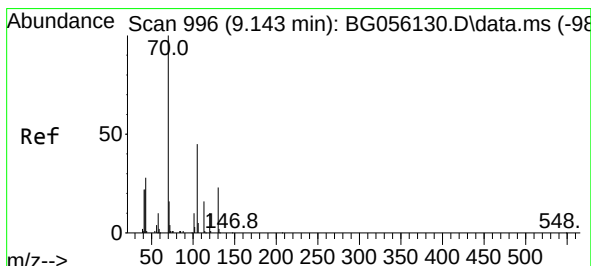
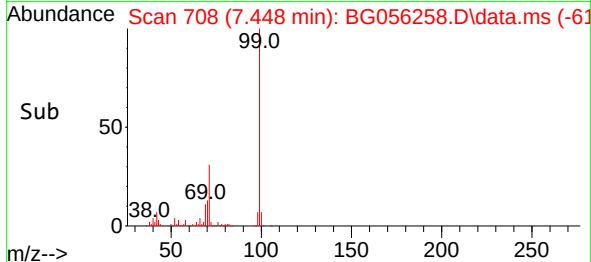
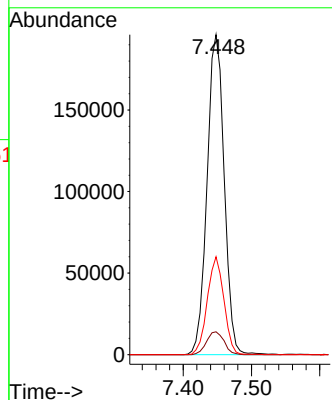
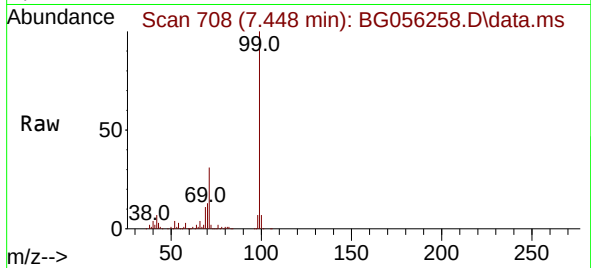




#7
Phenol-d6
Concen: 105.111 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

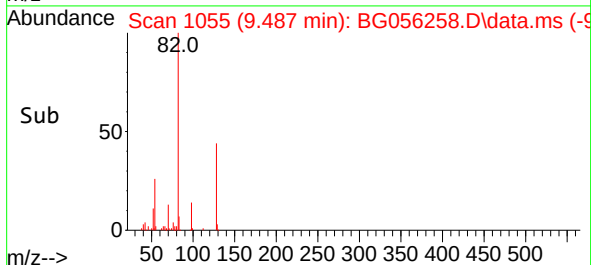
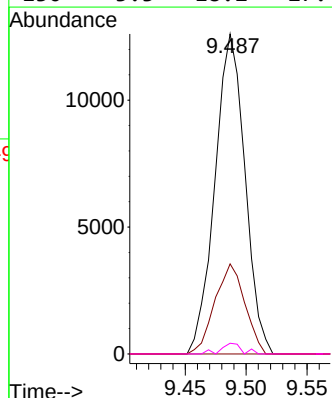
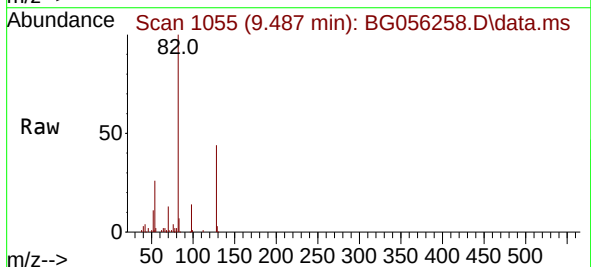
Instrument :
BNA_G
ClientSampleId :
TP-7

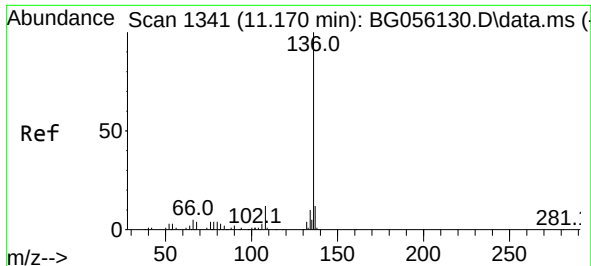
Tgt Ion: 99 Resp: 343175
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 30.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.901 ng
RT: 9.487 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Tgt Ion: 70 Resp: 21643
Ion Ratio Lower Upper
70 100
42 29.6 18.2 27.2#
101 0.0 8.3 12.5#
130 3.3 18.2 27.4#

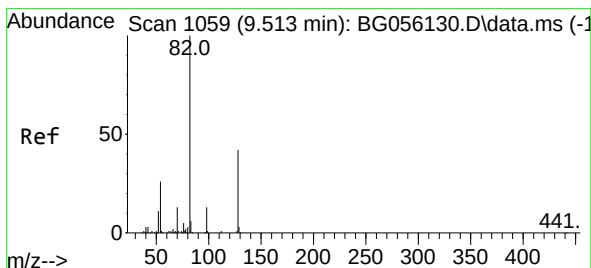
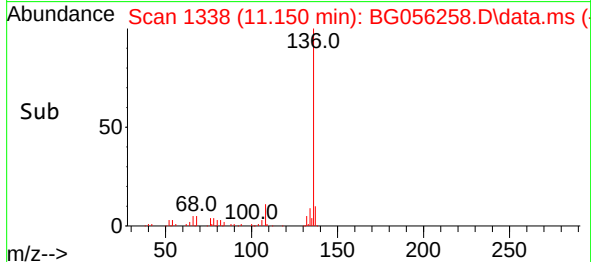
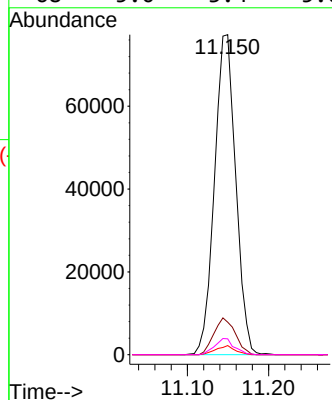
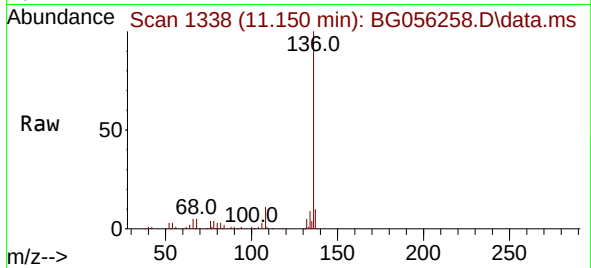




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

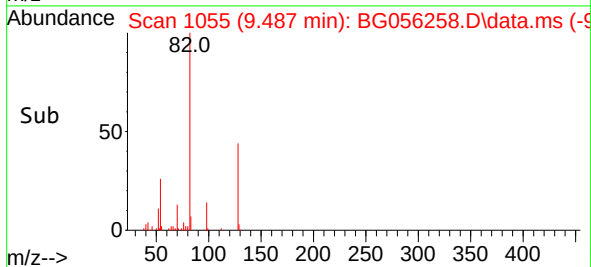
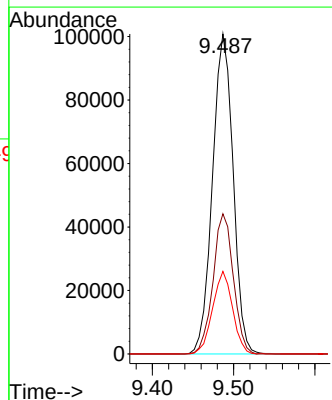
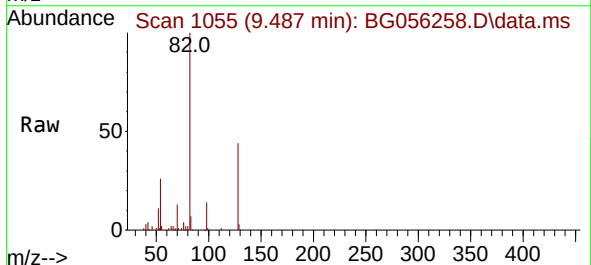
Instrument :
BNA_G
ClientSampleId :
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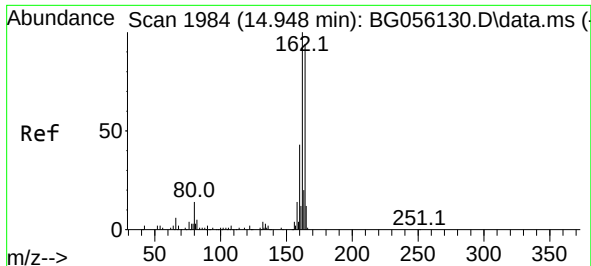
Tgt Ion:	136	Resp:	140583
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.4	14.0
54	2.8	2.2	3.2
68	5.0	3.4	5.0



#23
Nitrobenzene-d5
Concen: 64.740 ng
RT: 9.487 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Tgt Ion:	82	Resp:	177930
Ion	Ratio	Lower	Upper
82	100		
128	43.8	33.4	50.2
54	25.8	20.3	30.5

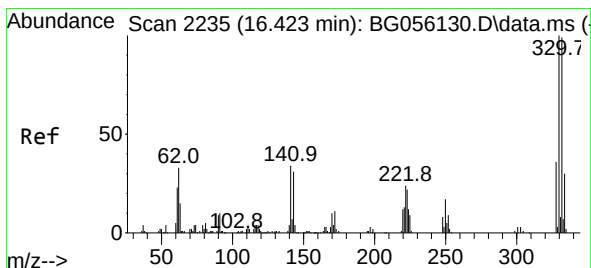
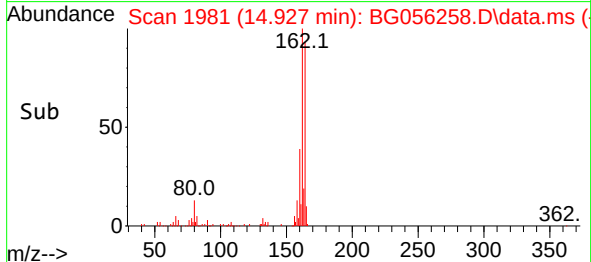
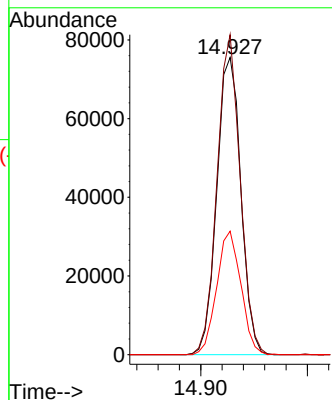
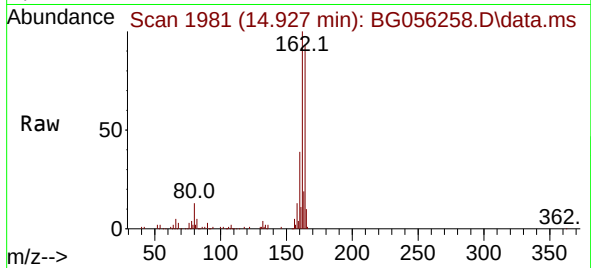




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.927 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

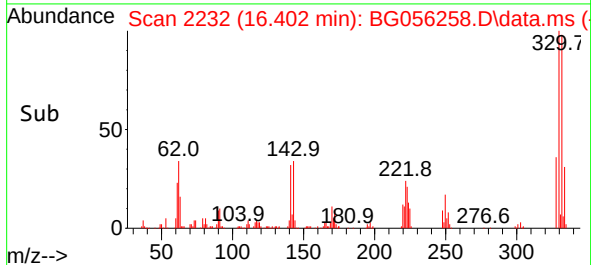
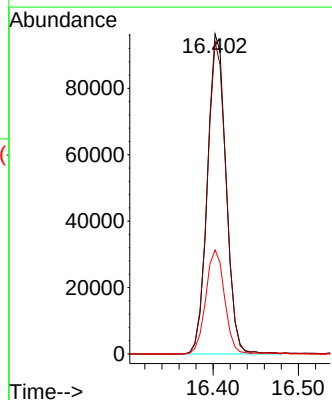
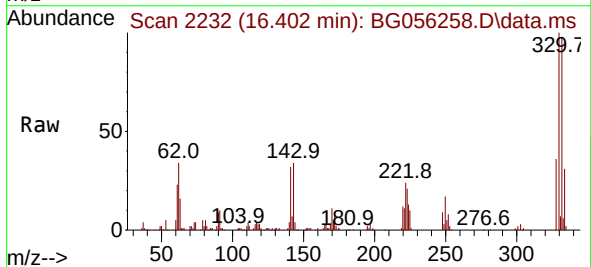
Instrument :
BNA_G
ClientSampleId :
TP-7

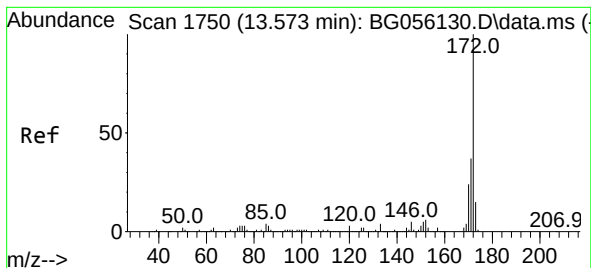
Tgt Ion:164 Resp: 118336
Ion Ratio Lower Upper
164 100
162 107.7 84.7 127.1
160 41.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 97.174 ng
RT: 16.402 min Scan# 2232
Delta R.T. -0.005 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Tgt Ion:330 Resp: 145636
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 33.1 27.9 41.9

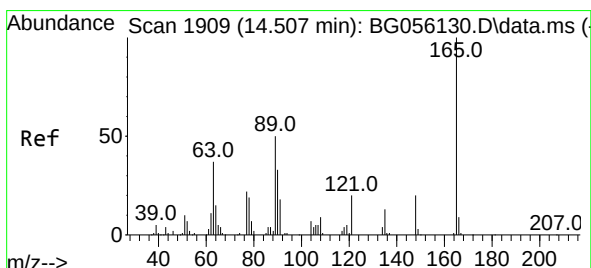
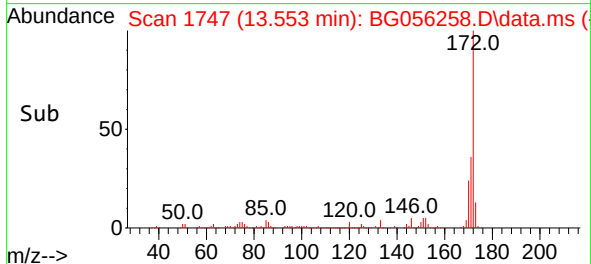
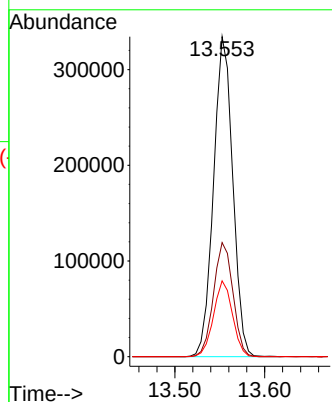
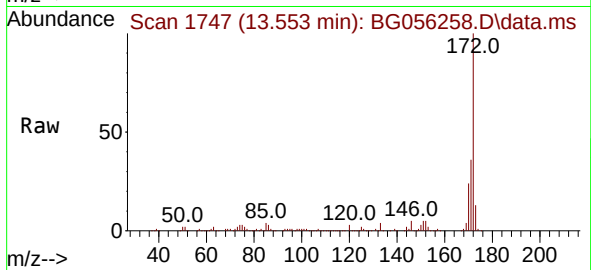




#45
2-Fluorobiphenyl
Concen: 57.994 ng
RT: 13.553 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

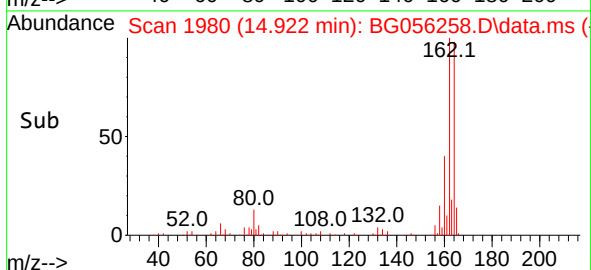
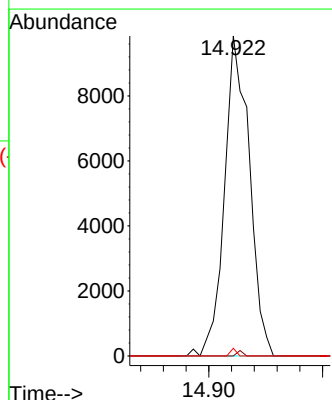
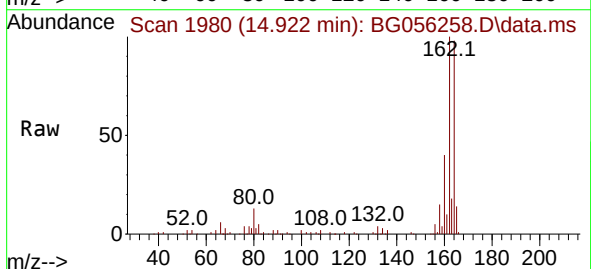
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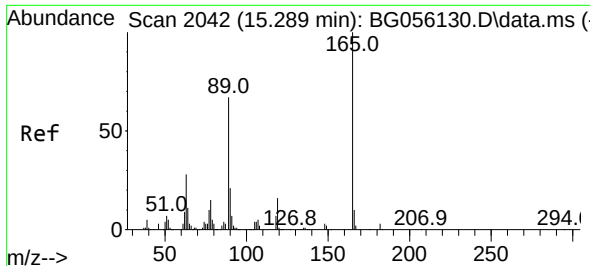
Tgt Ion:172 Resp: 496983
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.7 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.345 ng
RT: 14.922 min Scan# 1980
Delta R.T. 0.430 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Tgt Ion:165 Resp: 14951
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.4 39.8 59.8#

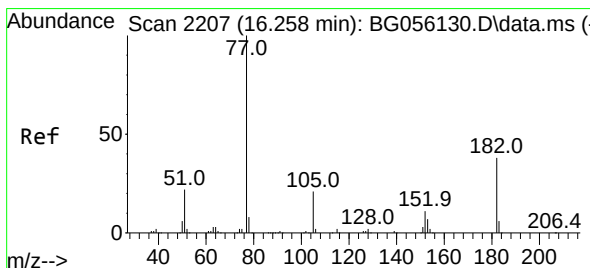
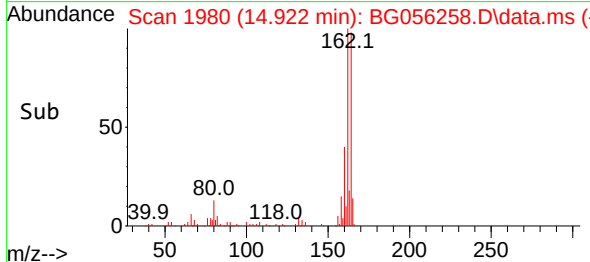
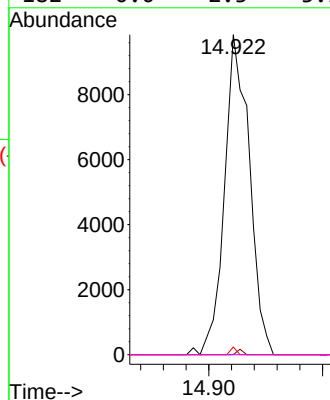
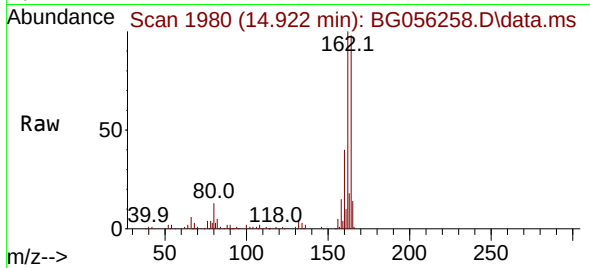




#57
2,4-Dinitrotoluene
Concen: 5.252 ng
RT: 14.922 min Scan# 1980
Delta R.T. -0.352 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

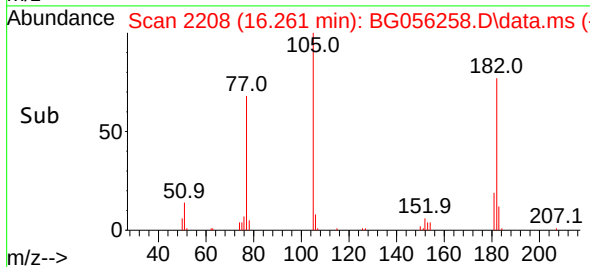
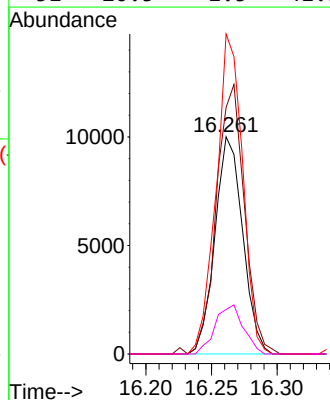
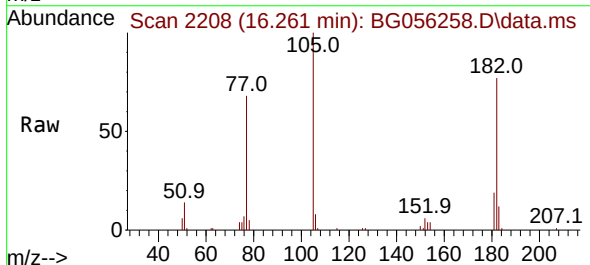
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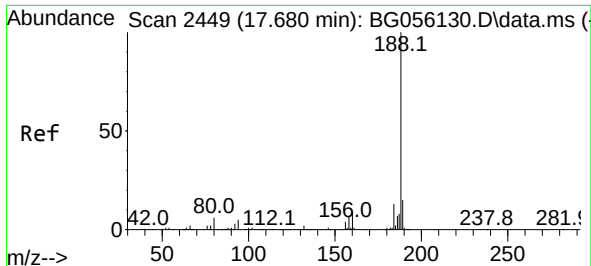
Tgt Ion:	165	Resp:	14951
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.6	34.0#
89	2.4	53.2	79.8#
182	0.0	2.3	3.5#



#63
Azobenzene
Concen: 2.128 ng
RT: 16.261 min Scan# 2208
Delta R.T. 0.018 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Tgt Ion:	77	Resp:	14709
Ion	Ratio	Lower	Upper
77	100		
182	113.6	18.5	58.5#
105	147.4	1.4	41.4#
51	20.5	1.5	41.5

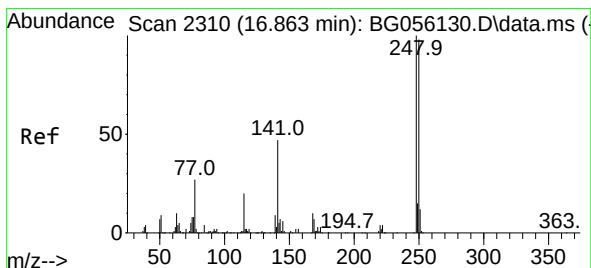
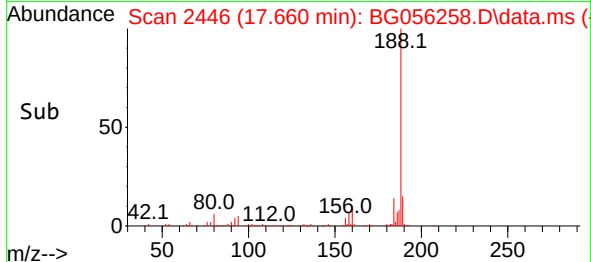
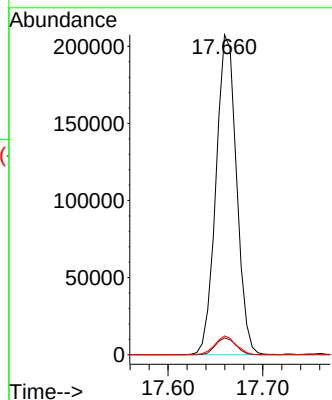
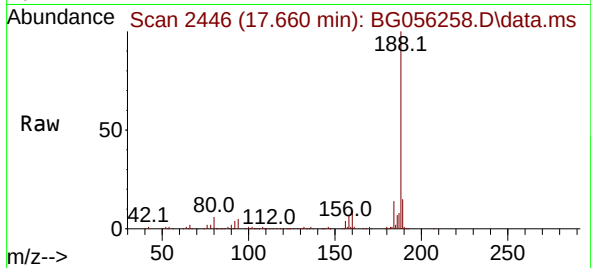




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

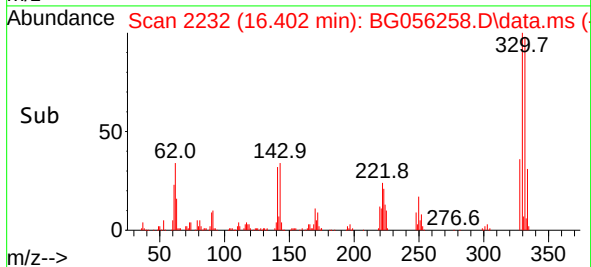
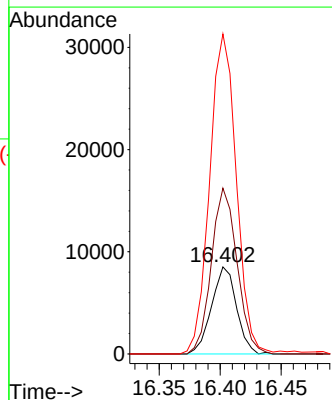
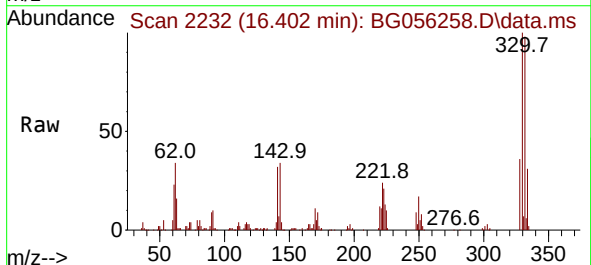
Instrument :
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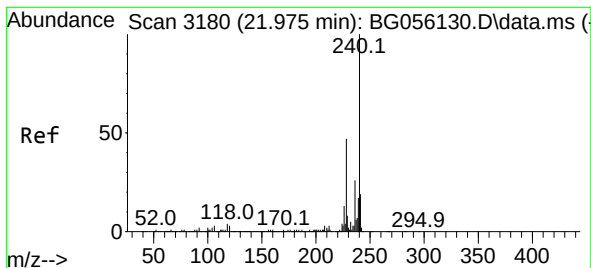
Tgt Ion:188 Resp: 312700
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.9 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.048 ng
RT: 16.402 min Scan# 2232
Delta R.T. -0.446 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Tgt Ion:248 Resp: 12135
Ion Ratio Lower Upper
248 100
250 190.3 78.2 117.4#
141 367.4 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.955 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056258.D

Acq: 11 Jan 2023 20:05

Instrument :

BNA_G

ClientSampleId :

TP-7

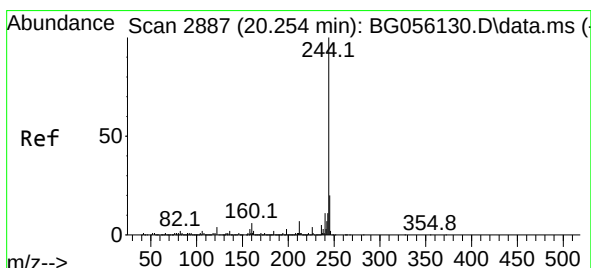
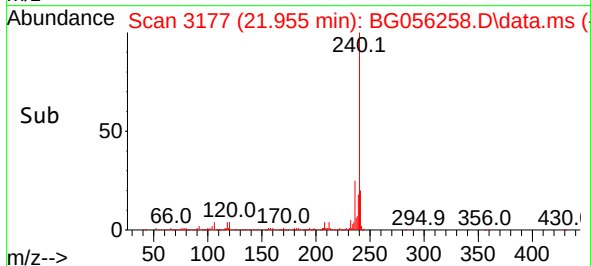
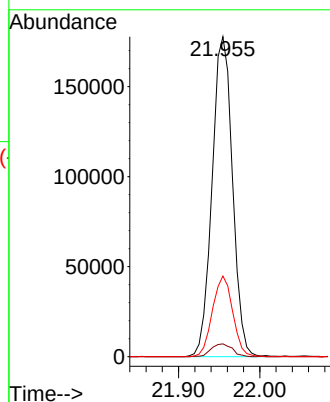
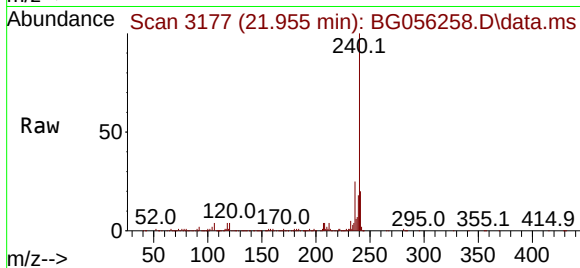
Tgt Ion:240 Resp: 310048

Ion Ratio Lower Upper

240 100

120 4.0 2.6 4.0#

236 25.2 20.8 31.2



#79

Terphenyl-d14

Concen: 55.169 ng

RT: 20.239 min Scan# 2885

Delta R.T. 0.001 min

Lab File: BG056258.D

Acq: 11 Jan 2023 20:05

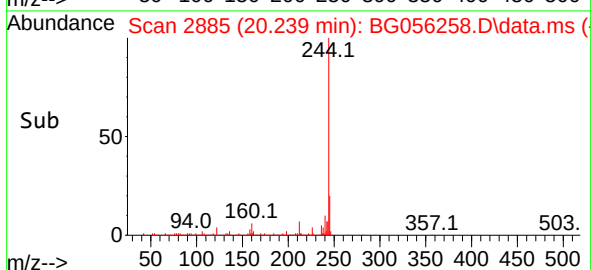
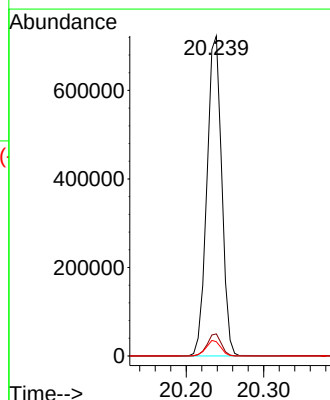
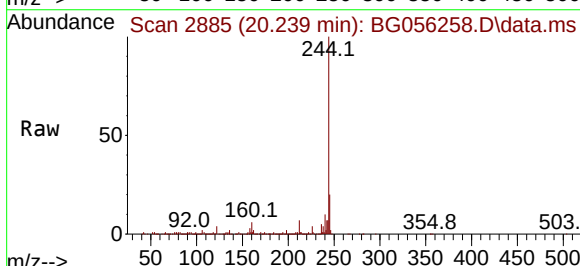
Tgt Ion:244 Resp: 955034

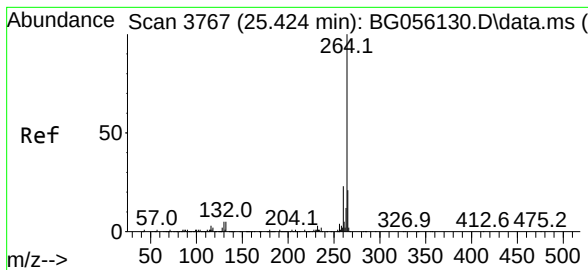
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

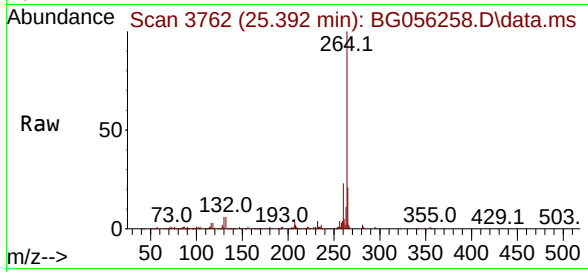
122 4.5 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.392 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG056258.D
Acq: 11 Jan 2023 20:05

Instrument :
BNA_G
ClientSampleId :
TP-7



Tgt Ion:264 Resp: 344661

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.1	16.7	25.1

