

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080923\
 Data File : BG058663.D
 Acq On : 9 Aug 2023 17:58
 Operator : MA/JU
 Sample : 03939-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747

Quant Time: Aug 10 02:53:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

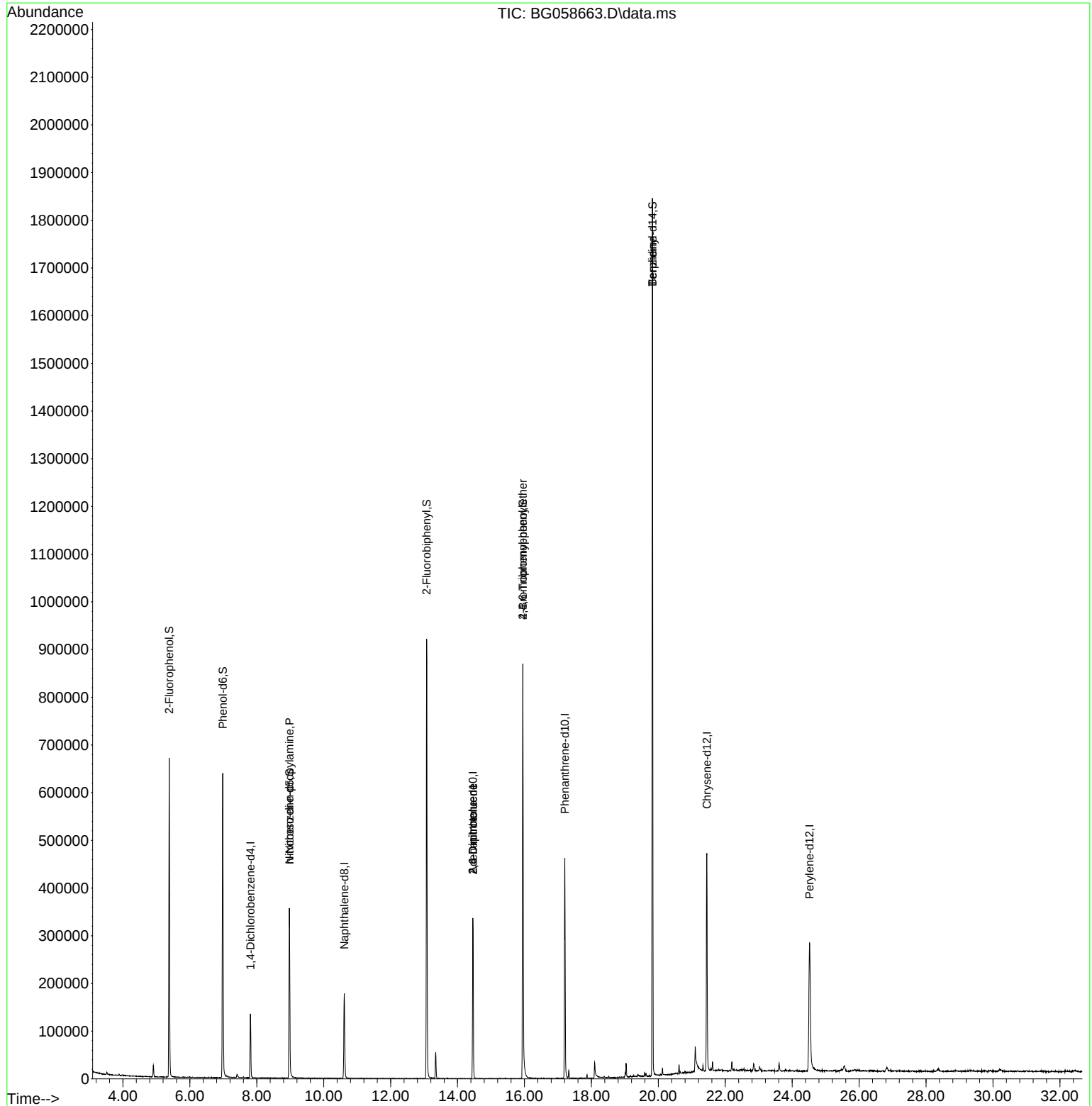
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	37284	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	161255	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	124327	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	320385	20.000	ng	0.00
76) Chrysene-d12	21.449	240	295119	20.000	ng	0.00
86) Perylene-d12	24.516	264	353218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	272643	111.770	ng	0.00
7) Phenol-d6	6.983	99	389217	114.669	ng	0.00
23) Nitrobenzene-d5	8.975	82	226657	69.050	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	210269	103.184	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	524704	63.246	ng	0.00
79) Terphenyl-d14	19.821	244	1019617	64.971	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	28447	12.975	ng	# 83
51) 2,6-Dinitrotoluene	14.457	165	16125	7.871	ng	# 24
57) 2,4-Dinitrotoluene	14.457	165	16125	5.677	ng	# 24
67) 4-Bromophenyl-phenylether	15.949	248	12788	3.519	ng	# 1
77) Benzidine	19.827	184	12548	2.804	ng	# 95

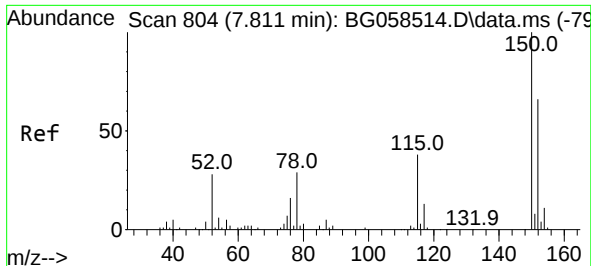
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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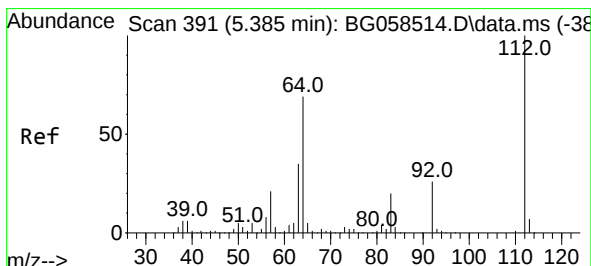
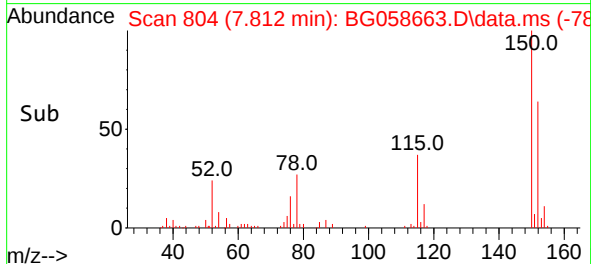
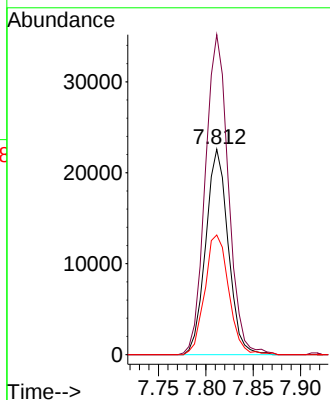
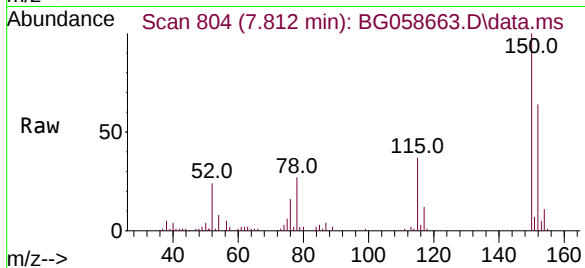




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

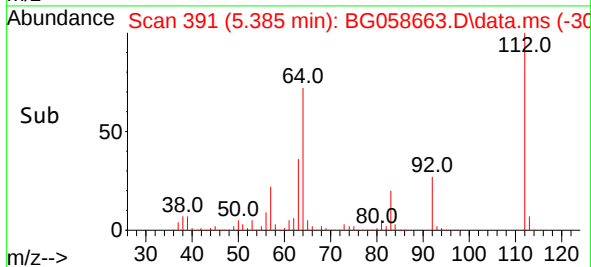
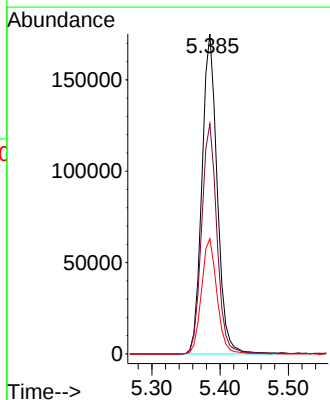
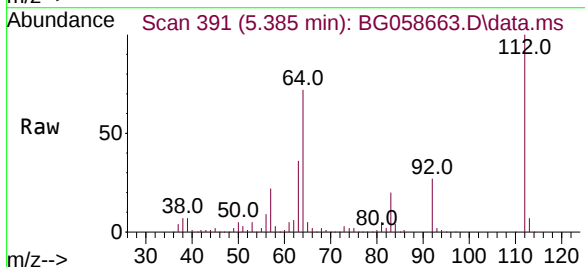
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747

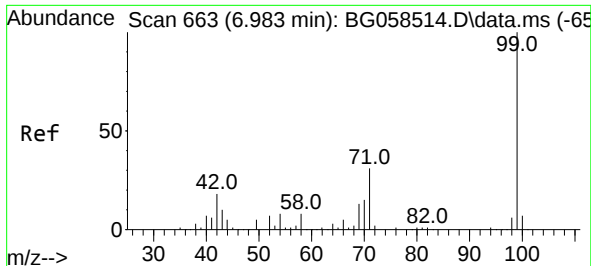
Tgt Ion:152 Resp: 37284
Ion Ratio Lower Upper
152 100
150 155.8 120.5 180.7
115 58.3 45.9 68.9



#5
2-Fluorophenol
Concen: 111.770 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Tgt Ion:112 Resp: 272643
Ion Ratio Lower Upper
112 100
64 71.9 55.3 82.9
63 36.0 28.3 42.5

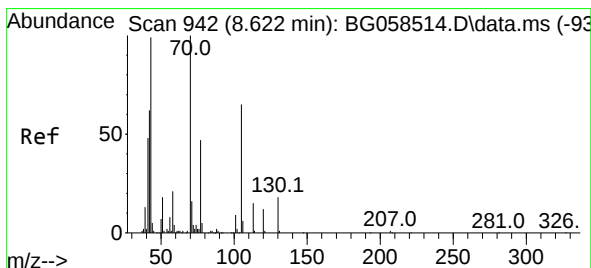
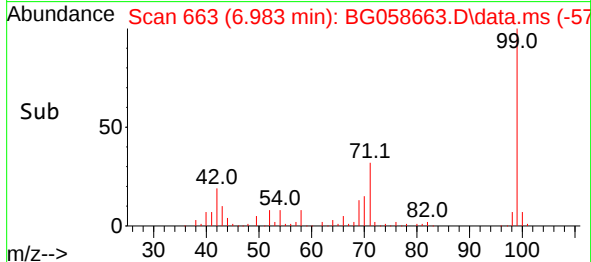
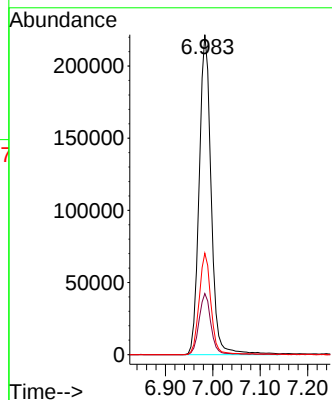
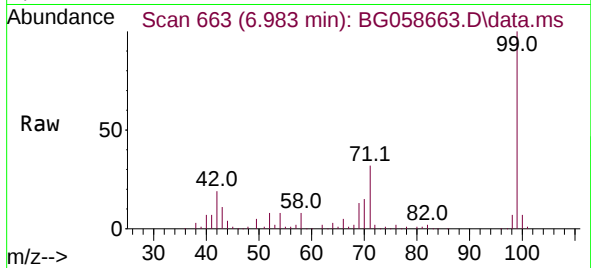




#7
Phenol-d6
Concen: 114.669 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

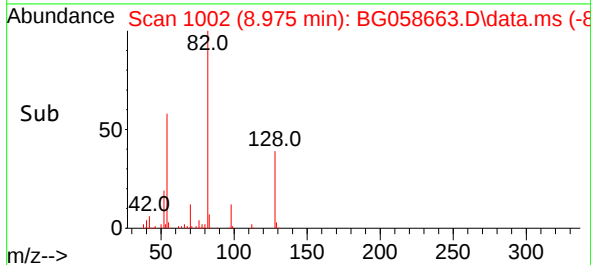
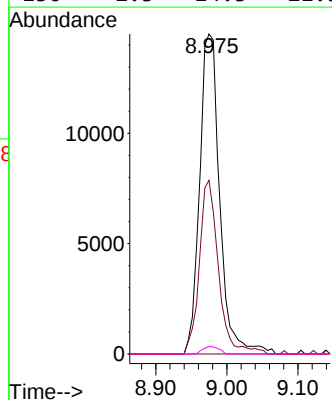
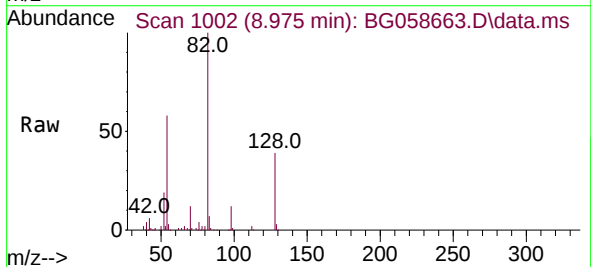
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747

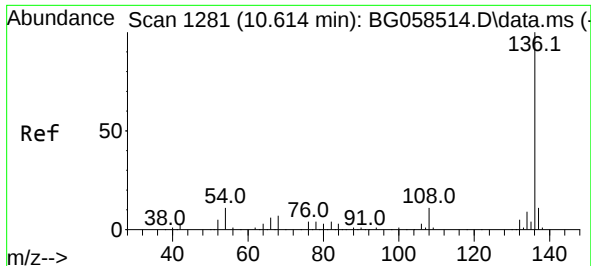
Tgt Ion: 99 Resp: 389217
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 31.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.975 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Tgt Ion: 70 Resp: 28447
Ion Ratio Lower Upper
70 100
42 54.2 49.7 74.5
101 0.0 7.0 10.4#
130 2.3 14.3 21.5#

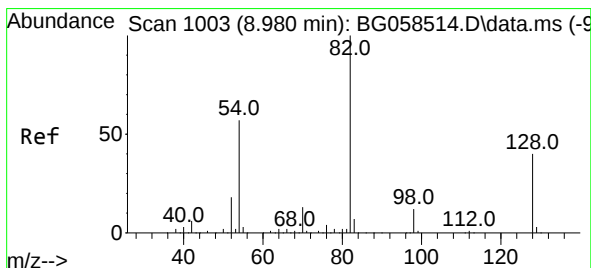
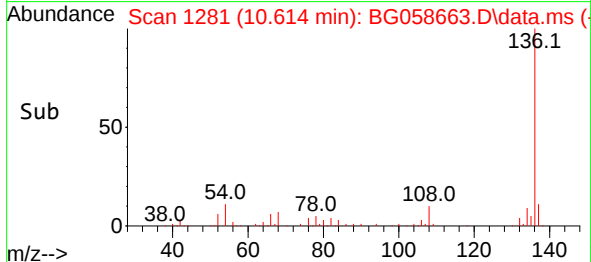
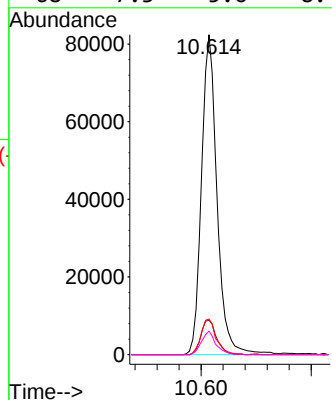
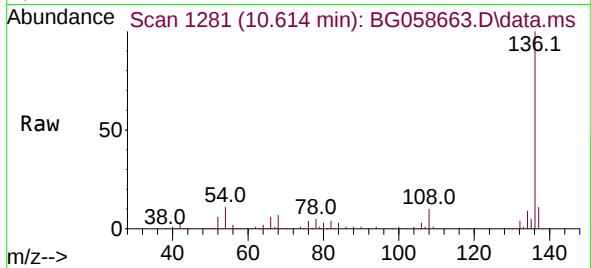




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

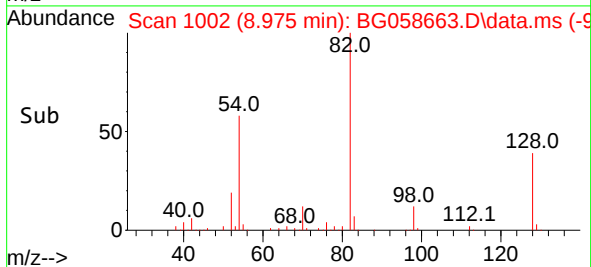
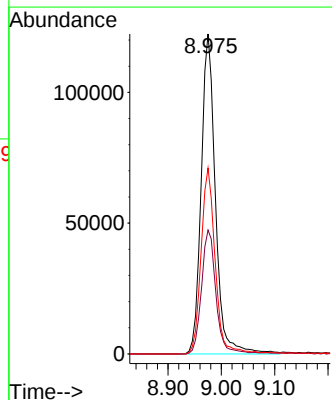
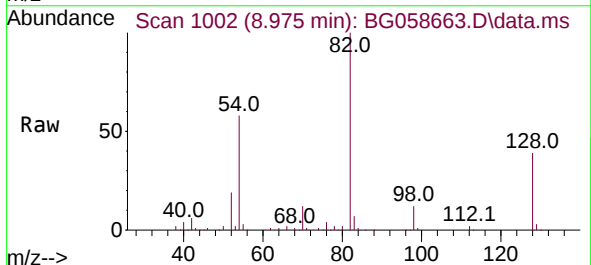
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747

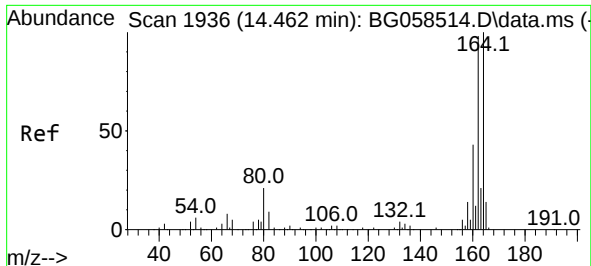
Tgt Ion:	136	Resp:	161255
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	11.1	8.9	13.3
68	7.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 69.050 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Tgt Ion:	82	Resp:	226657
Ion Ratio	Lower	Upper	
82	100		
128	38.7	32.2	48.2
54	58.1	46.0	69.0

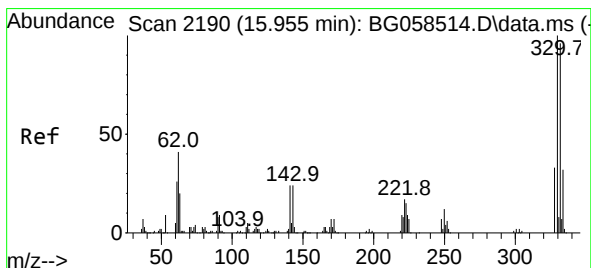
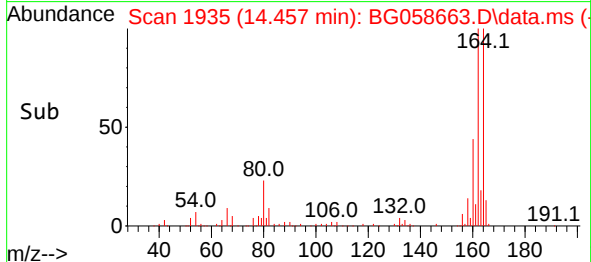
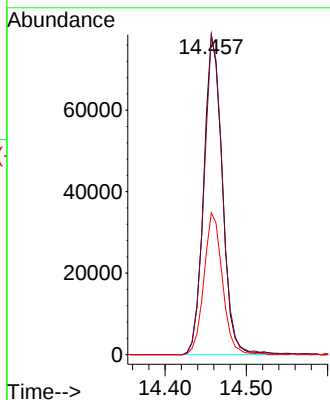
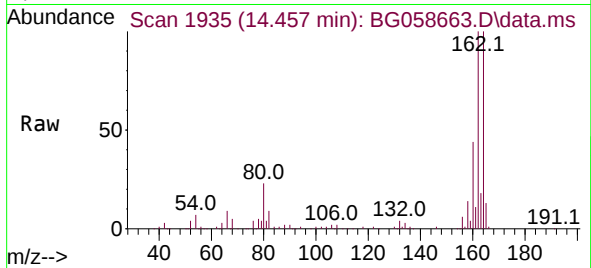




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

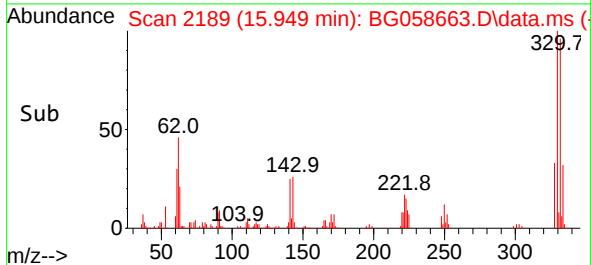
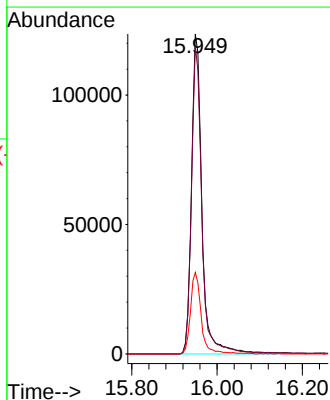
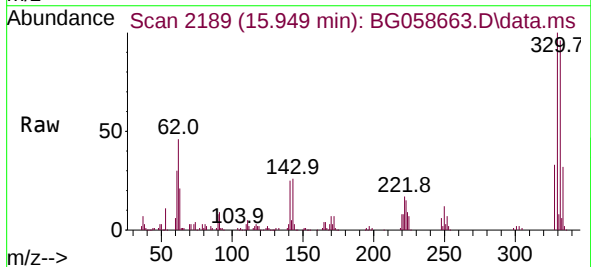
Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747

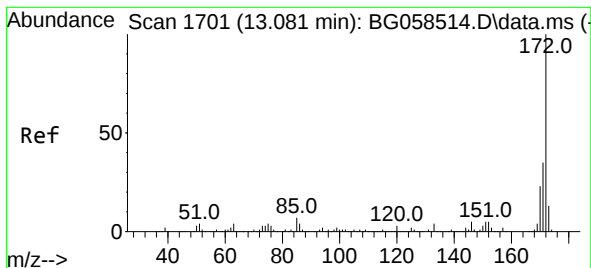
Tgt Ion:164 Resp: 124327
Ion Ratio Lower Upper
164 100
162 99.8 78.3 117.5
160 44.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 103.184 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Tgt Ion:330 Resp: 210269
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 25.9 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 63.246 ng

RT: 13.076 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058663.D

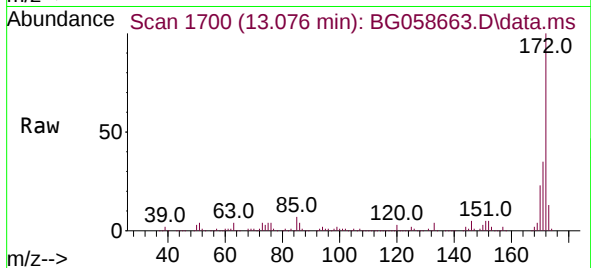
Acq: 9 Aug 2023 17:58

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747



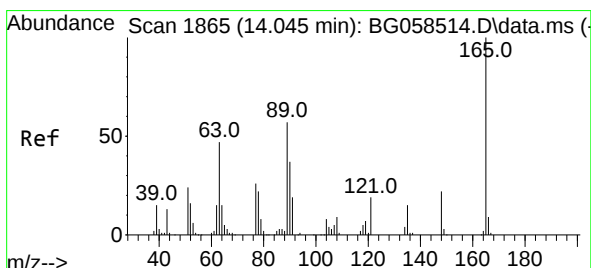
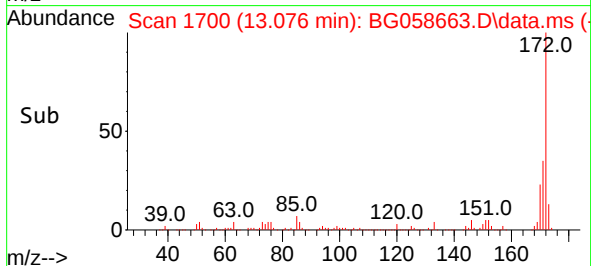
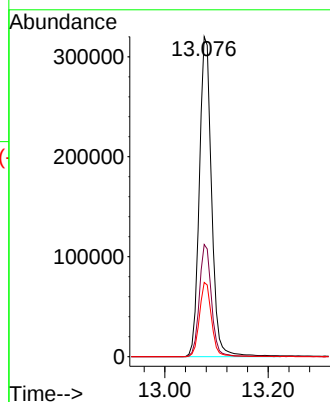
Tgt Ion:172 Resp: 524704

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.2 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 7.871 ng

RT: 14.457 min Scan# 1935

Delta R.T. 0.412 min

Lab File: BG058663.D

Acq: 9 Aug 2023 17:58

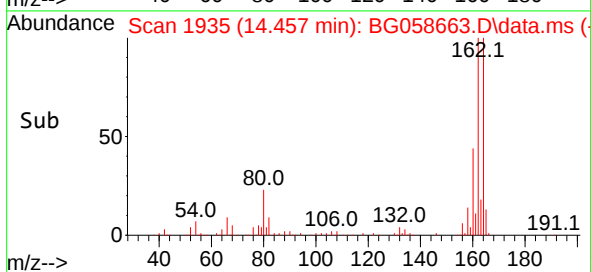
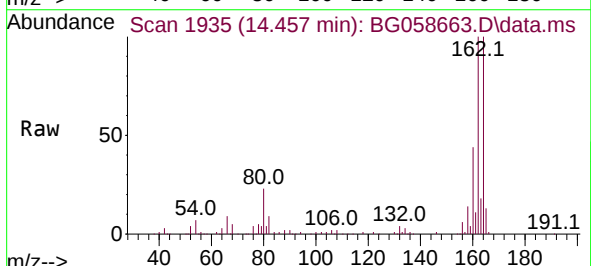
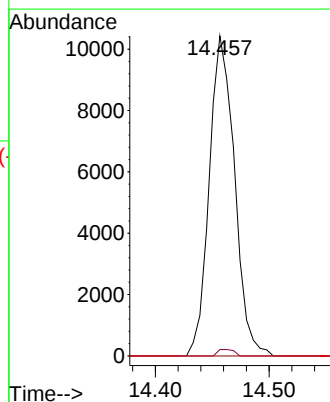
Tgt Ion:165 Resp: 16125

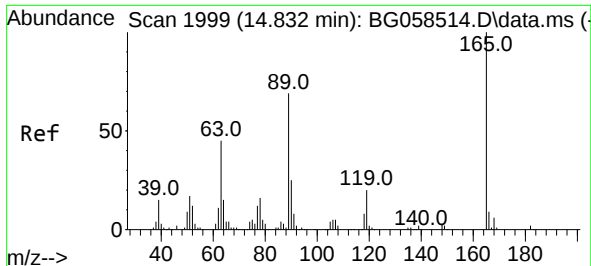
Ion Ratio Lower Upper

165 100

63 2.0 46.4 69.6#

89 0.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.677 ng

RT: 14.457 min Scan# 1999

Delta R.T. -0.375 min

Lab File: BG058663.D

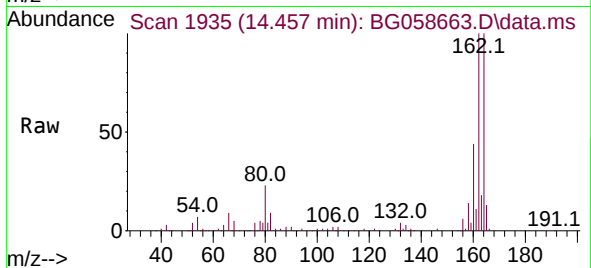
Acq: 9 Aug 2023 17:58

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747



Tgt Ion:165 Resp: 16125

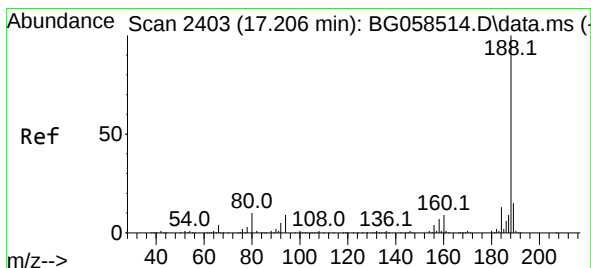
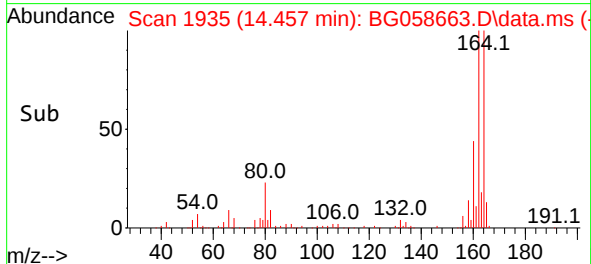
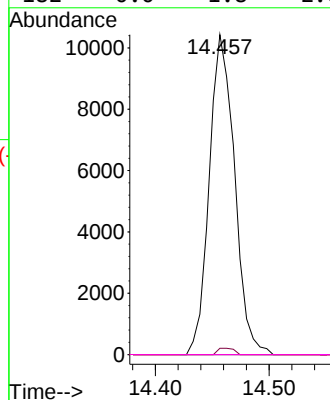
Ion Ratio Lower Upper

165 100

63 2.0 36.6 54.8#

89 0.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BG058663.D

Acq: 9 Aug 2023 17:58

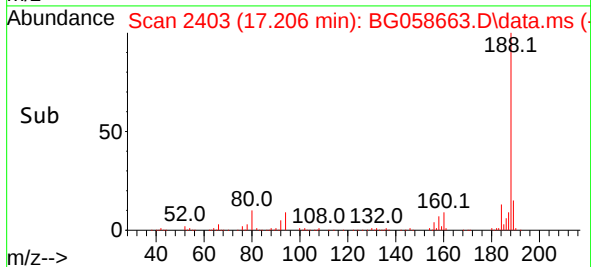
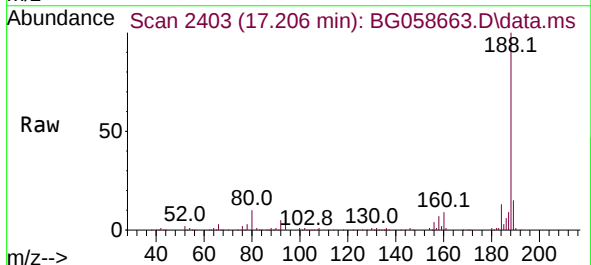
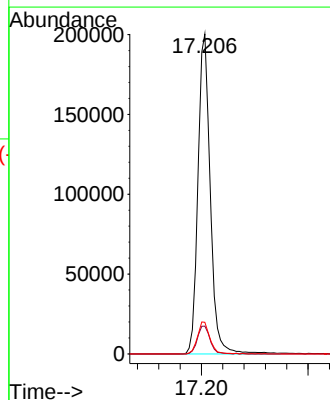
Tgt Ion:188 Resp: 320385

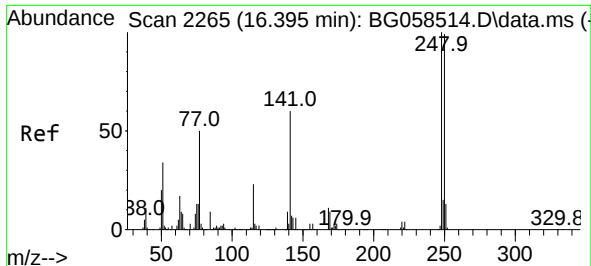
Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

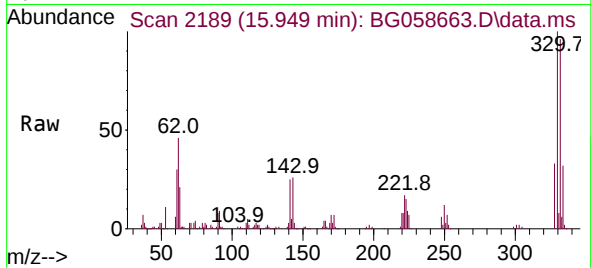
80 9.9 8.1 12.1



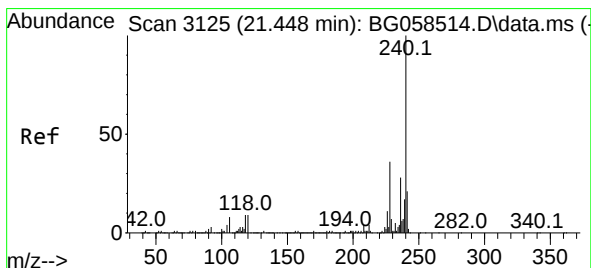
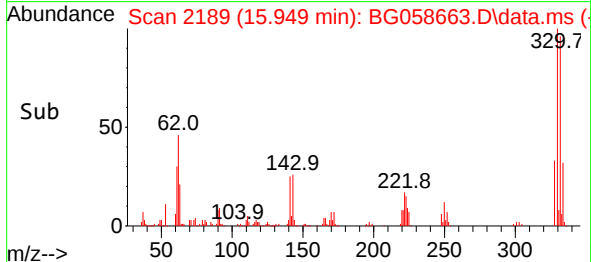
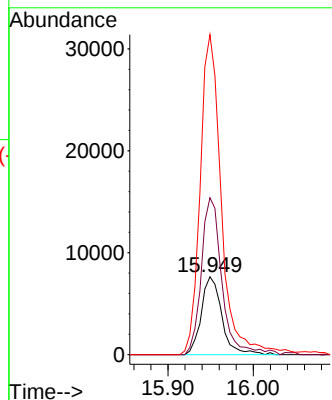


#67
4-Bromophenyl-phenylether
Concen: 3.519 ng
RT: 15.949 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Instrument :
BNA_G
ClientSampleId :
ORA-1745-1746-1747

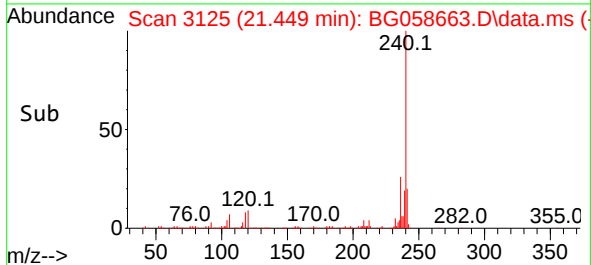
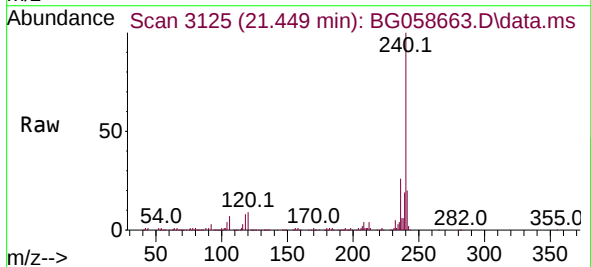
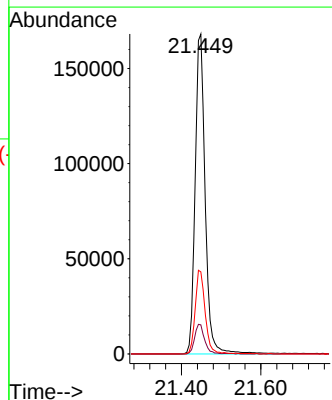


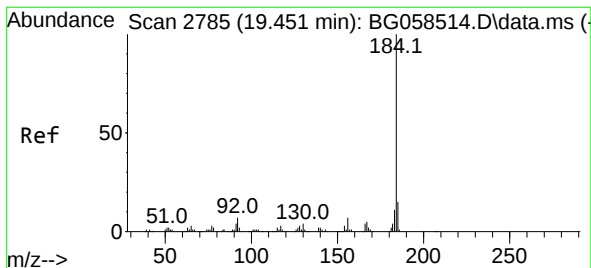
Tgt Ion:248 Resp: 12788
Ion Ratio Lower Upper
248 100
250 201.4 79.5 119.3#
141 410.9 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058663.D
Acq: 9 Aug 2023 17:58

Tgt Ion:240 Resp: 295119
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 25.6 22.2 33.4





#77

Benzidine

Concen: 2.804 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.376 min

Lab File: BG058663.D

Acq: 9 Aug 2023 17:58

Instrument :

BNA_G

ClientSampleId :

ORA-1745-1746-1747

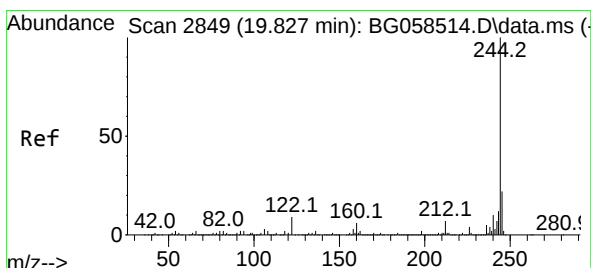
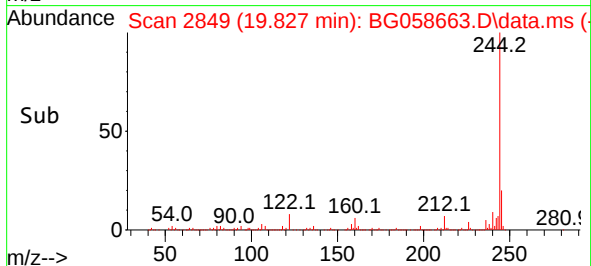
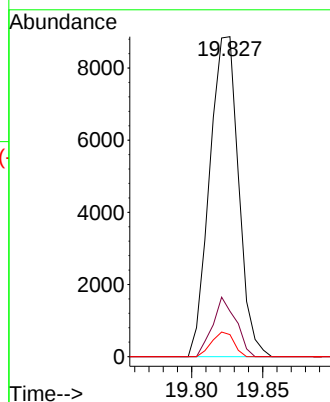
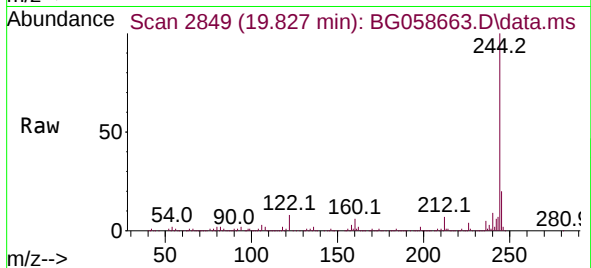
Tgt Ion:184 Resp: 12548

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

183 6.9 8.7 13.1#



#79

Terphenyl-d14

Concen: 64.971 ng

RT: 19.821 min Scan# 2848

Delta R.T. -0.005 min

Lab File: BG058663.D

Acq: 9 Aug 2023 17:58

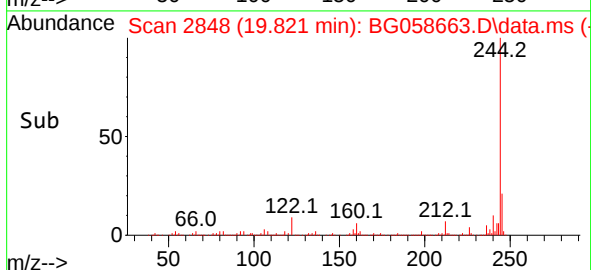
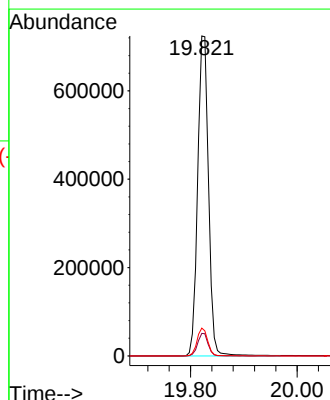
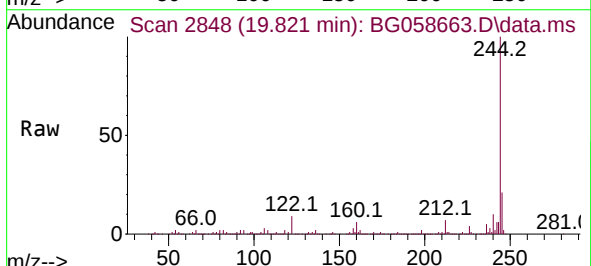
Tgt Ion:244 Resp: 1019617

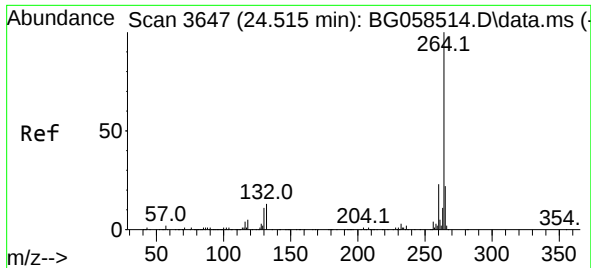
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

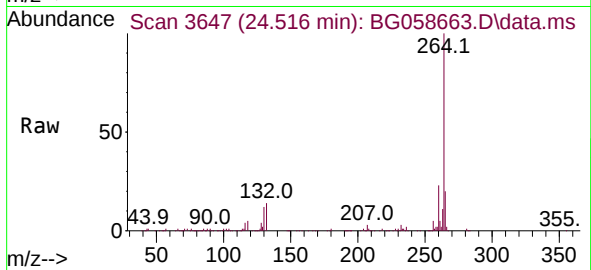
122 8.7 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BG058663.D
 Acq: 9 Aug 2023 17:58

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1745-1746-1747



Tgt Ion:264 Resp: 353218
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 20.2 17.9 26.9

