

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058911.D
 Acq On : 31 Aug 2023 1:34
 Operator : MA/JU
 Sample : 04198-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-25

Quant Time: Aug 31 04:24:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

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

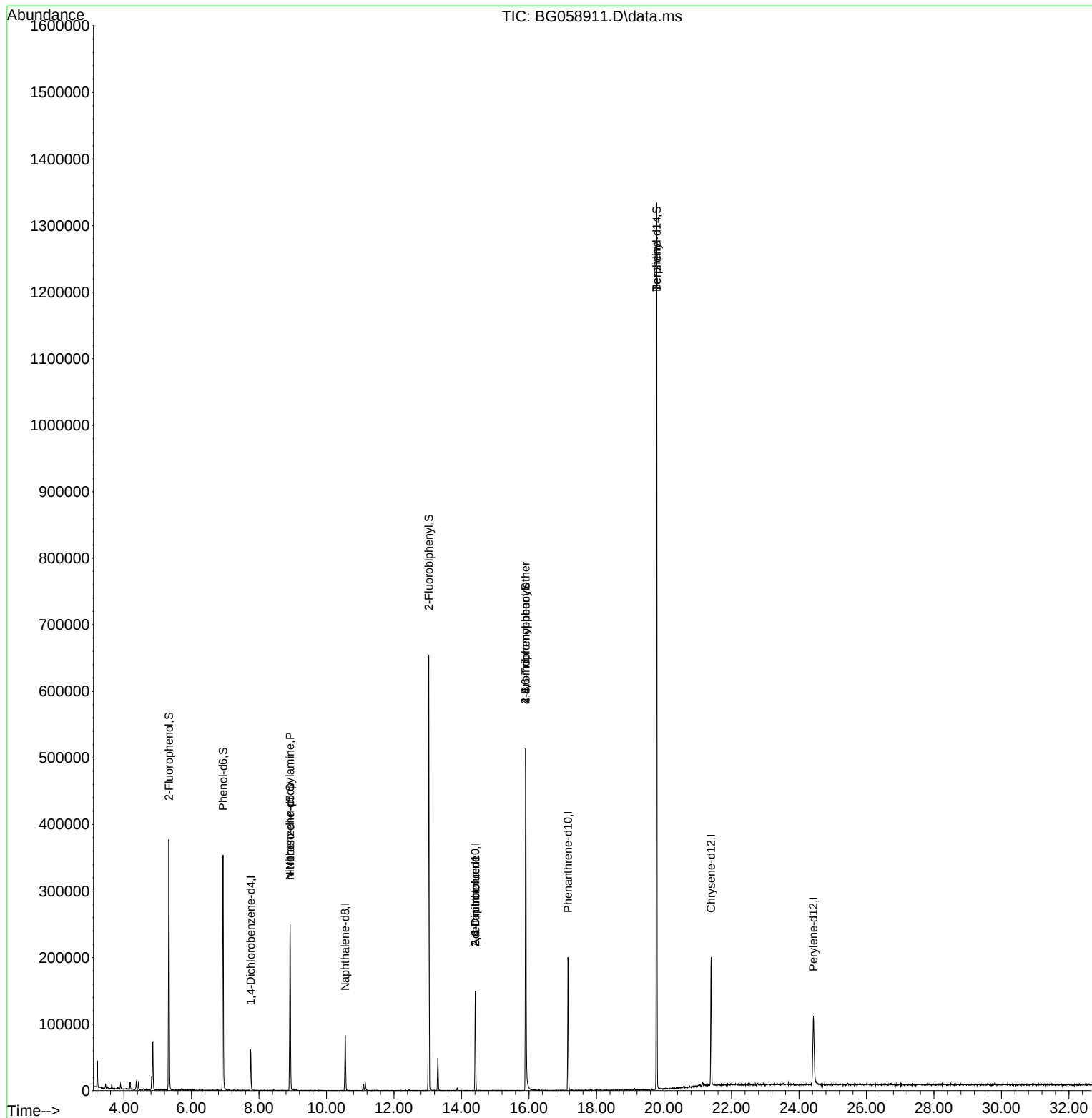
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	16026	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	69881	20.000	ng	0.00
39) Acenaphthene-d10	14.411	164	55031	20.000	ng	0.00
64) Phenanthrene-d10	17.155	188	135852	20.000	ng	-0.01
76) Chrysene-d12	21.397	240	115237	20.000	ng	-0.01
86) Perylene-d12	24.429	264	133137	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	150954	151.581	ng	0.00
7) Phenol-d6	6.937	99	193812	138.714	ng	0.00
23) Nitrobenzene-d5	8.923	82	139614	96.053	ng	0.00
42) 2,4,6-Tribromophenol	15.903	330	122670	142.164	ng	-0.01
45) 2-Fluorobiphenyl	13.030	172	353426	93.410	ng	0.00
79) Terphenyl-d14	19.781	244	682495	106.344	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.923	70	18504	20.488	ng	# 75
51) 2,6-Dinitrotoluene	14.411	165	6993	7.812	ng	# 22
57) 2,4-Dinitrotoluene	14.411	165	6993	5.601	ng	# 19
67) 4-Bromophenyl-phenylether	15.903	248	7247	4.861	ng	# 1
77) Benzdine	19.781	184	10296	4.985	ng	# 93

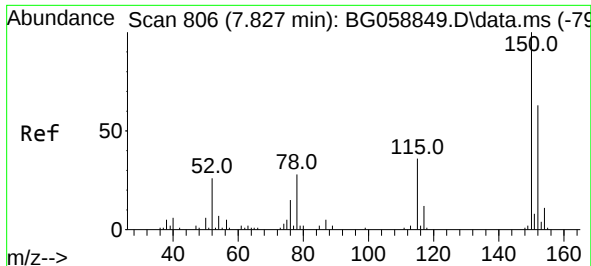
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 01:27:35 2023
Response via : Initial Calibration

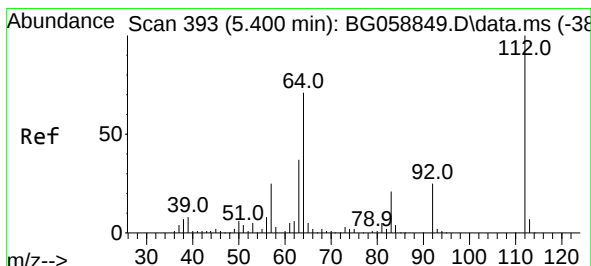
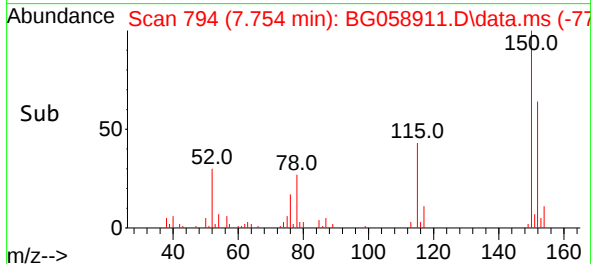
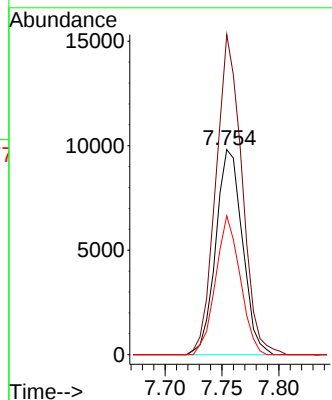
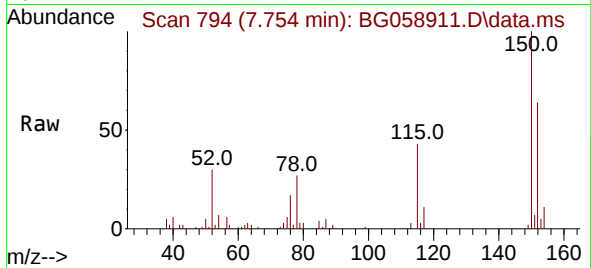




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 794
Delta R.T. -0.005 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

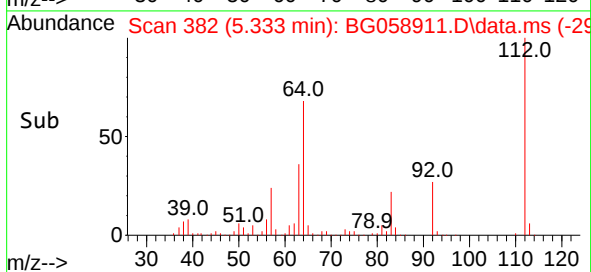
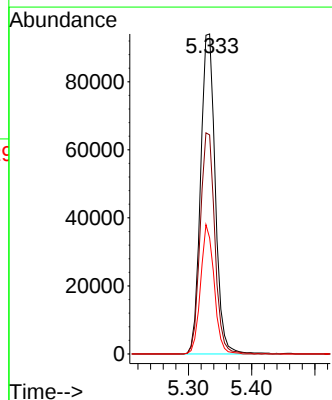
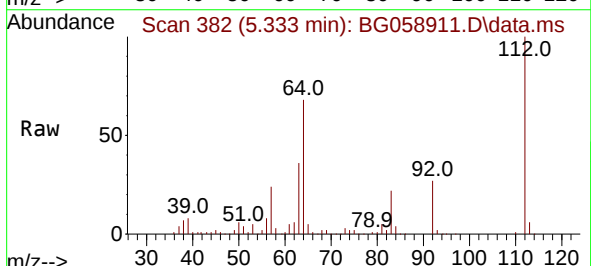
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-25

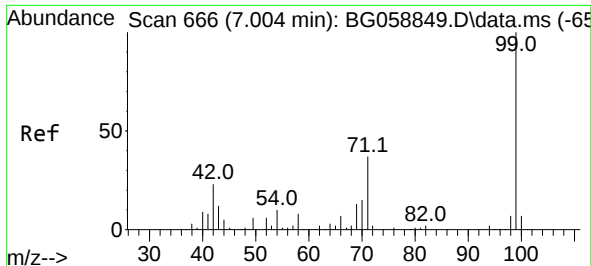
Tgt Ion:152 Resp: 16026
Ion Ratio Lower Upper
152 100
150 156.0 128.6 192.8
115 67.7 50.4 75.6



#5
2-Fluorophenol
Concen: 151.581 ng
RT: 5.333 min Scan# 382
Delta R.T. 0.007 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

Tgt Ion:112 Resp: 150954
Ion Ratio Lower Upper
112 100
64 68.5 60.6 90.8
63 36.2 31.0 46.4

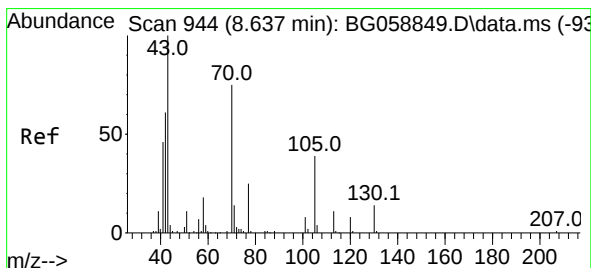
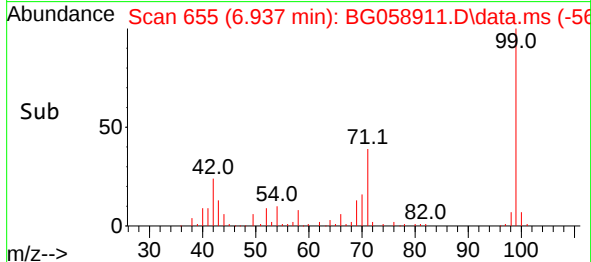
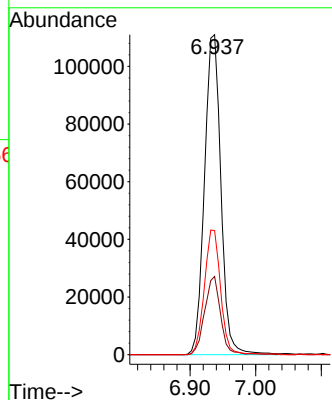
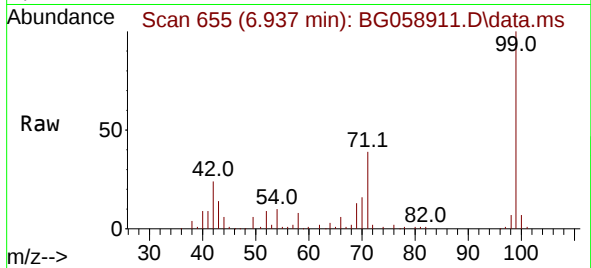




#7
Phenol-d6
Concen: 138.714 ng
RT: 6.937 min Scan# 611
Delta R.T. 0.001 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

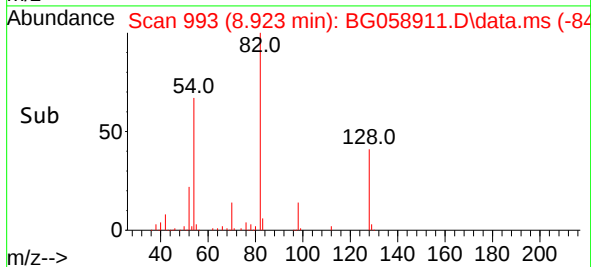
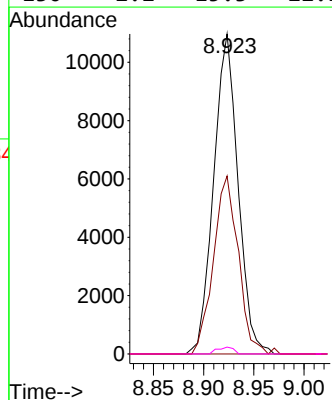
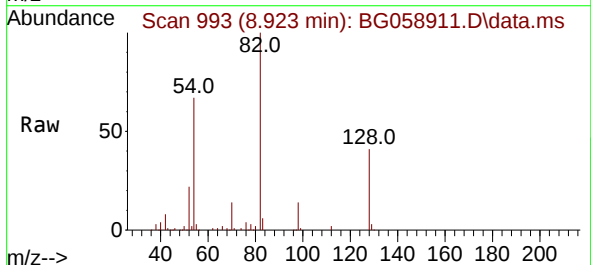
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-25

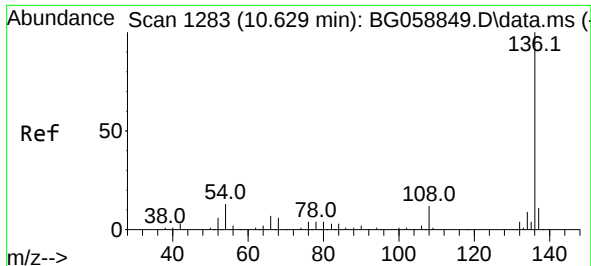
Tgt Ion: 99 Resp: 193812
Ion Ratio Lower Upper
99 100
42 24.5 16.5 24.7
71 38.8 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 20.488 ng
RT: 8.923 min Scan# 993
Delta R.T. 0.354 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

Tgt Ion: 70 Resp: 18504
Ion Ratio Lower Upper
70 100
42 55.6 59.2 88.8#
101 0.0 8.2 12.2#
130 2.2 15.3 22.9#

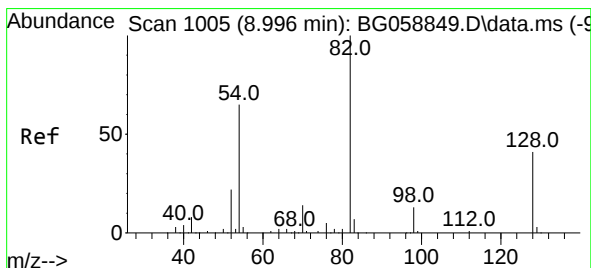
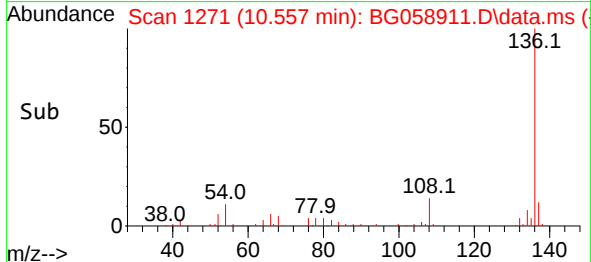
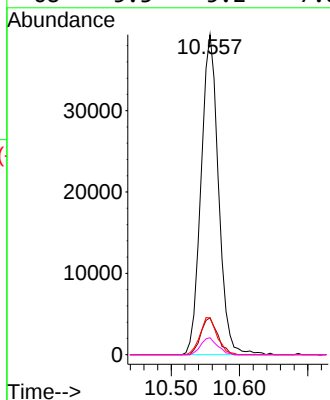
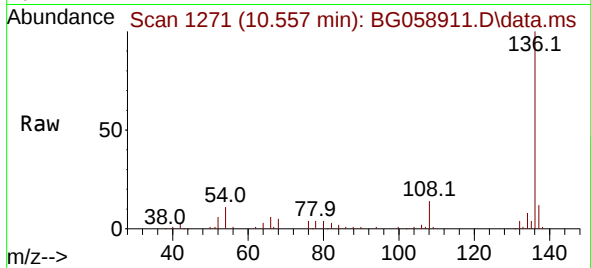




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

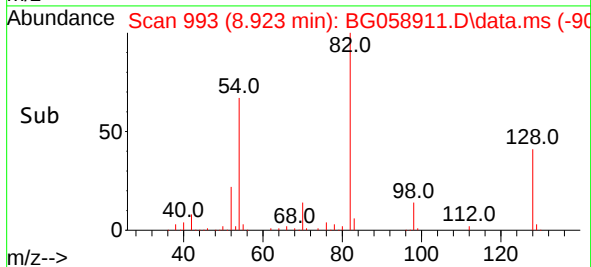
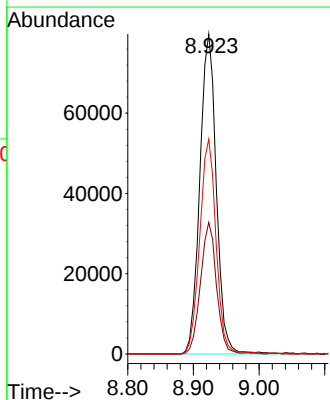
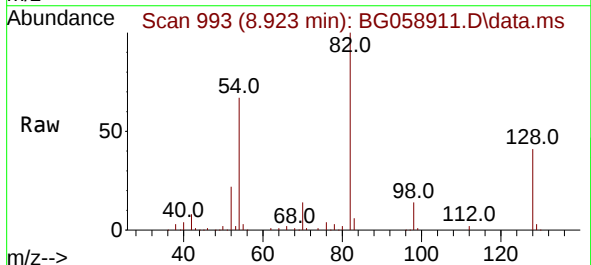
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-25

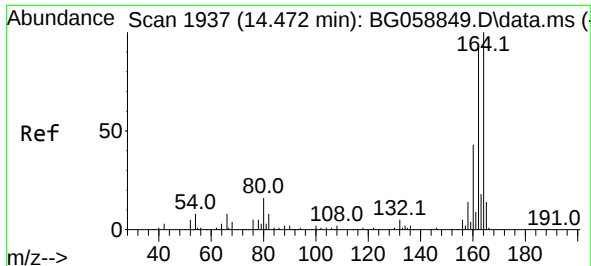
Tgt Ion:	136	Resp:	69881
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.7	13.1
54	11.4	10.1	15.1
68	5.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 96.053 ng
RT: 8.923 min Scan# 993
Delta R.T. -0.005 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

Tgt Ion:	82	Resp:	139614
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.2	49.8
54	67.1	51.2	76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.411 min Scan# 1937

Delta R.T. -0.005 min

Lab File: BG058911.D

Acq: 31 Aug 2023 1:34

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-25

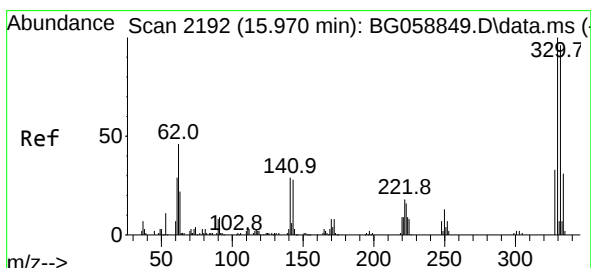
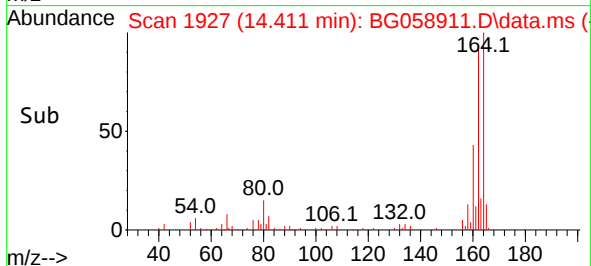
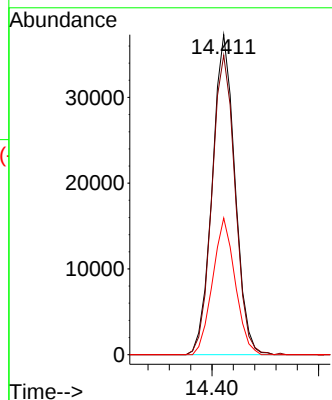
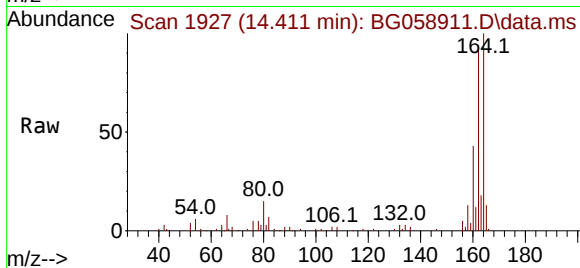
Tgt Ion:164 Resp: 55031

Ion Ratio Lower Upper

164 100

162 93.6 79.6 119.4

160 42.7 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 142.164 ng

RT: 15.903 min Scan# 2181

Delta R.T. -0.011 min

Lab File: BG058911.D

Acq: 31 Aug 2023 1:34

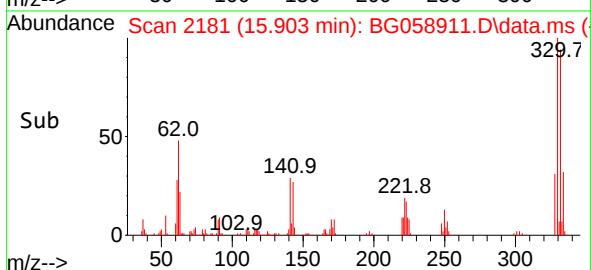
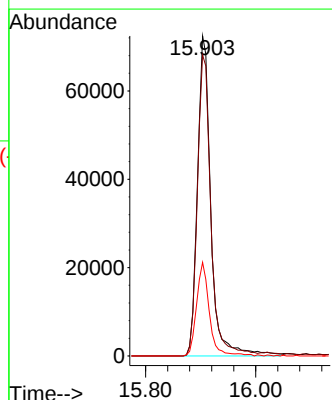
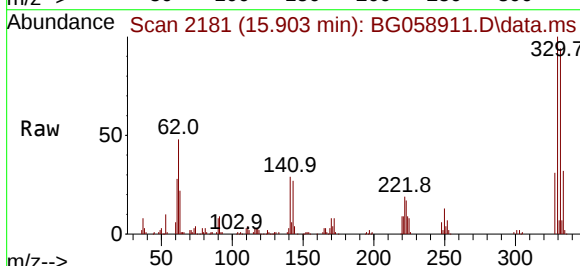
Tgt Ion:330 Resp: 122670

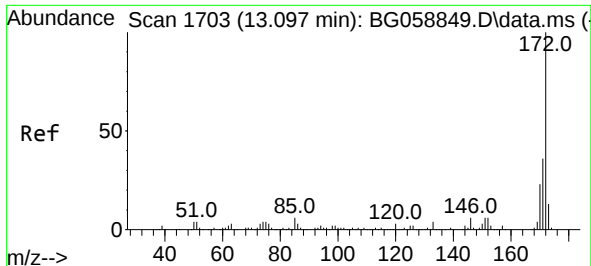
Ion Ratio Lower Upper

330 100

332 94.7 78.5 117.7

141 27.9 23.0 34.6

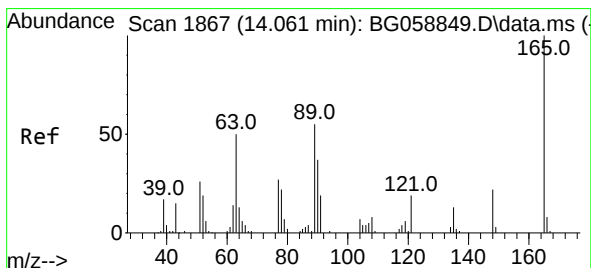
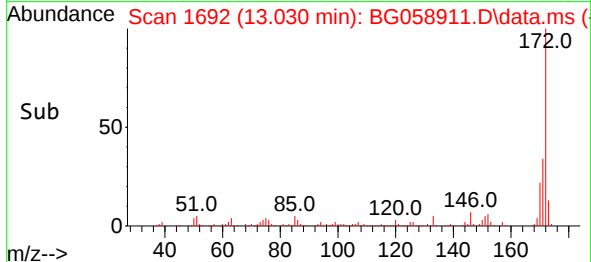
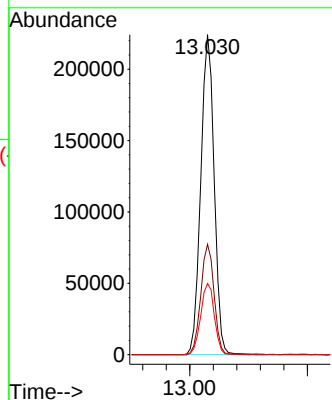
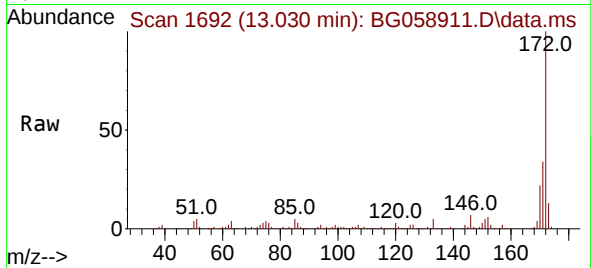




#45
2-Fluorobiphenyl
Concen: 93.410 ng
RT: 13.030 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

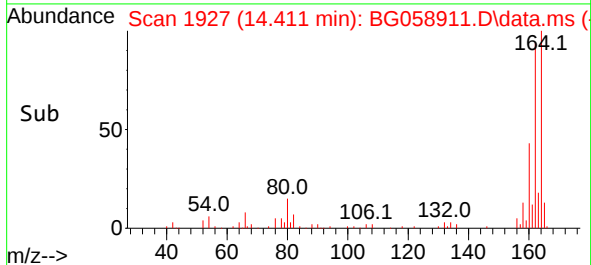
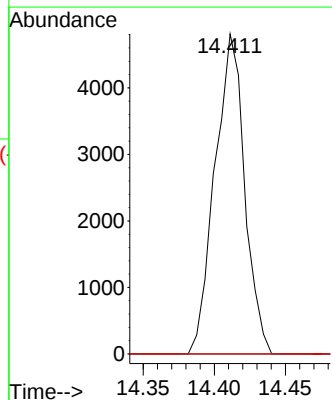
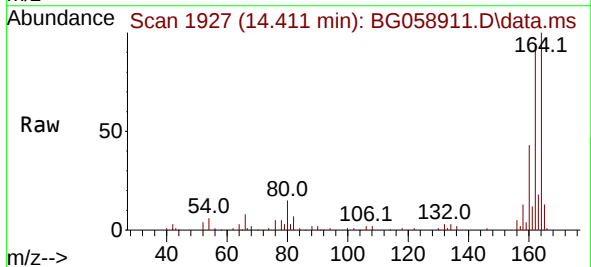
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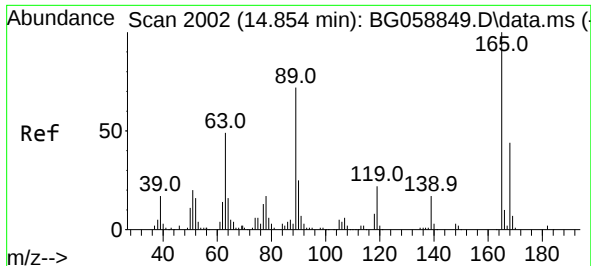
Tgt Ion:172 Resp: 353426
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.812 ng
RT: 14.411 min Scan# 1927
Delta R.T. 0.407 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

Tgt Ion:165 Resp: 6993
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

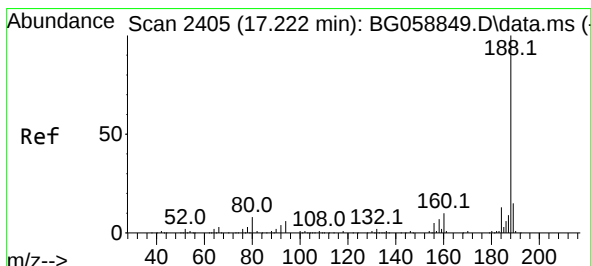
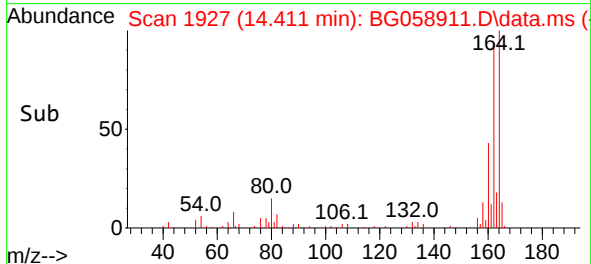
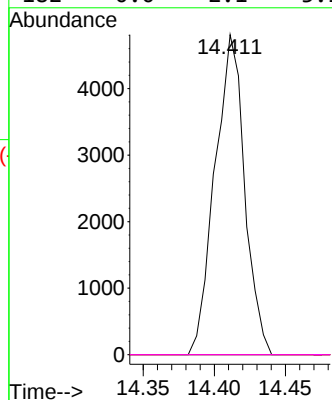
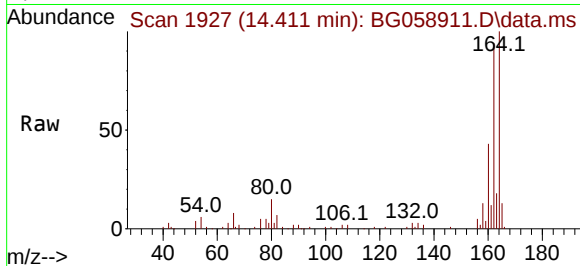




#57
2,4-Dinitrotoluene
Concen: 5.601 ng
RT: 14.411 min Scan# 1927
Delta R.T. -0.387 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

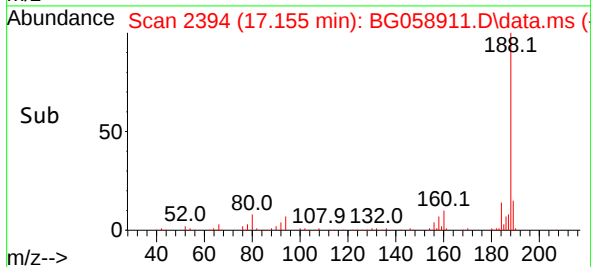
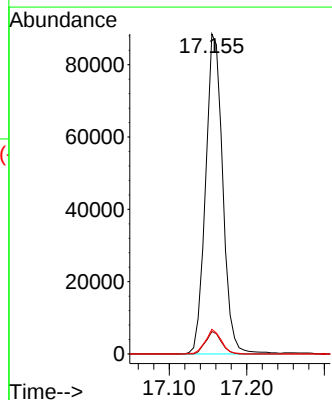
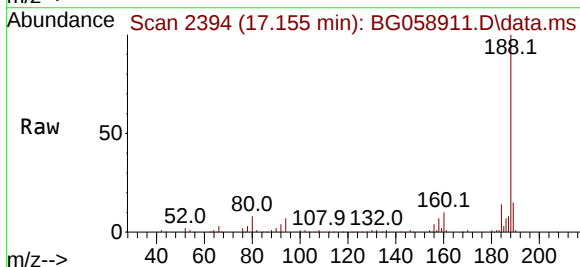
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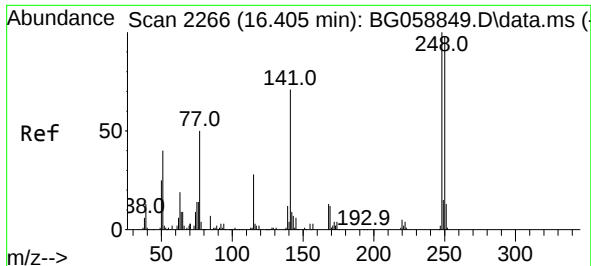
Tgt Ion:165	Resp:	6993
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.8 62.6#
89	0.0	60.7 91.1#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.155 min Scan# 2394
Delta R.T. -0.011 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

Tgt Ion:188	Resp:	135852
Ion Ratio	Lower	Upper
188	100	
94	7.0	6.1 9.1
80	7.7	6.9 10.3

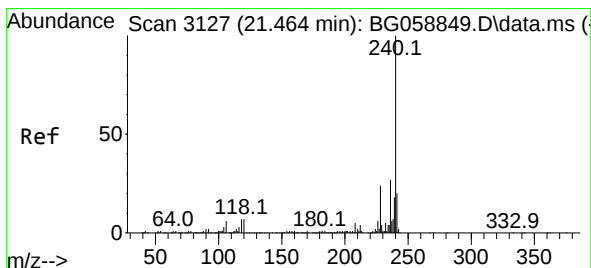
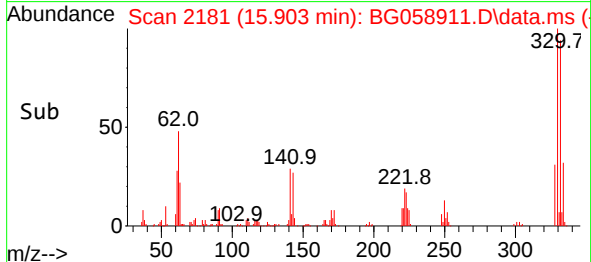
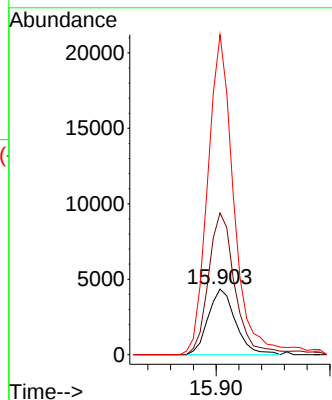
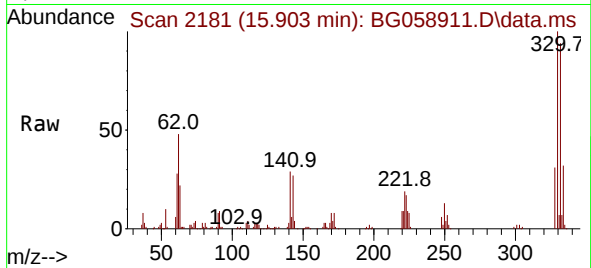




#67
4-Bromophenyl-phenylether
Concen: 4.861 ng
RT: 15.903 min Scan# 2116
Delta R.T. -0.451 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

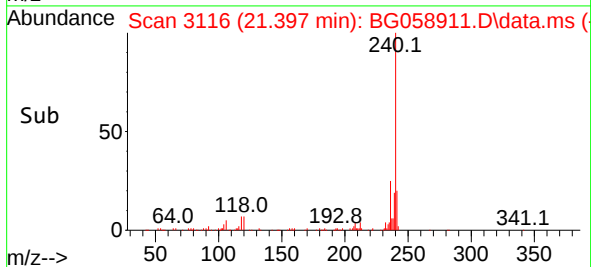
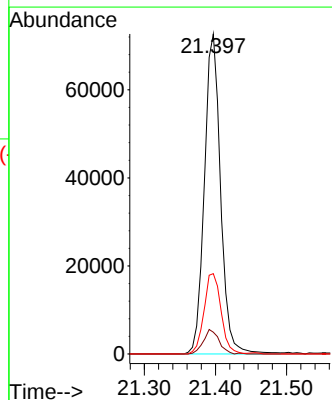
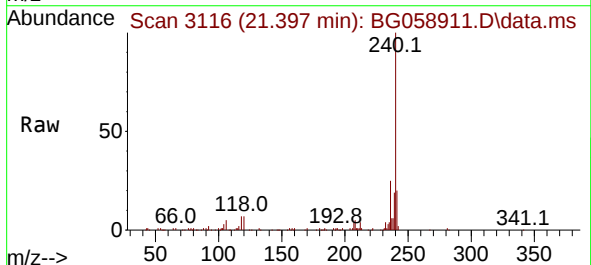
Instrument :
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ClientSampleId :
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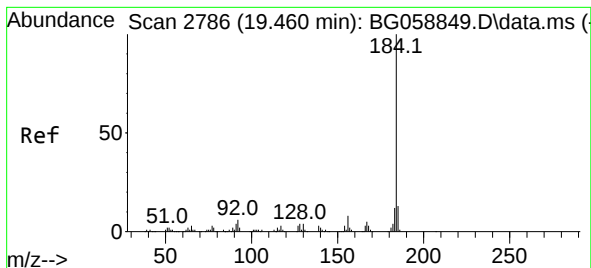
Tgt Ion:248 Resp: 7247
Ion Ratio Lower Upper
248 100
250 216.1 77.7 116.5#
141 487.9 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BG058911.D
Acq: 31 Aug 2023 1:34

Tgt Ion:240 Resp: 115237
Ion Ratio Lower Upper
240 100
120 6.8 6.2 9.2
236 25.1 20.5 30.7





#77

Benzidine

Concen: 4.985 ng

RT: 19.781 min Scan# 2841

Delta R.T. 0.371 min

Lab File: BG058911.D

Acq: 31 Aug 2023 1:34

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-25

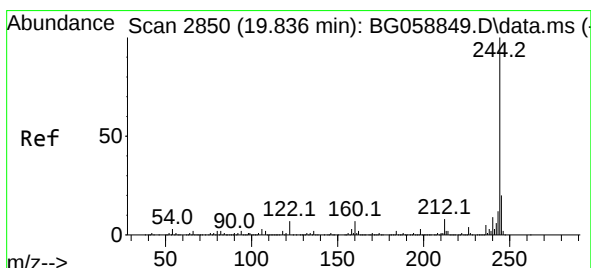
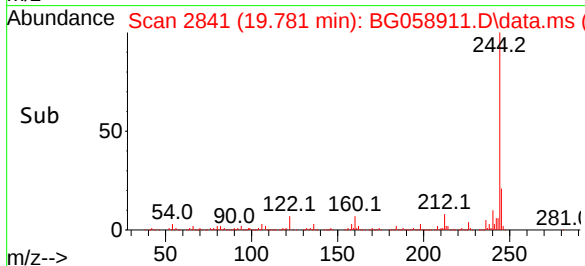
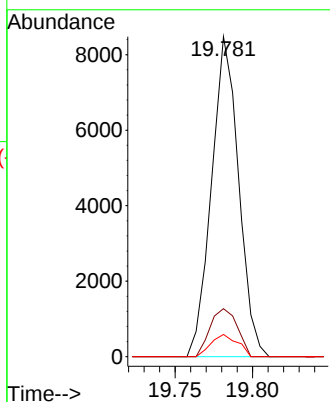
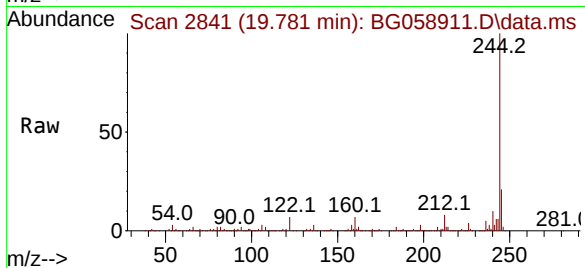
Tgt Ion:184 Resp: 10296

Ion Ratio Lower Upper

184 100

185 15.0 11.9 17.9

183 6.9 10.0 15.0#



#79

Terphenyl-d14

Concen: 106.344 ng

RT: 19.781 min Scan# 2841

Delta R.T. -0.011 min

Lab File: BG058911.D

Acq: 31 Aug 2023 1:34

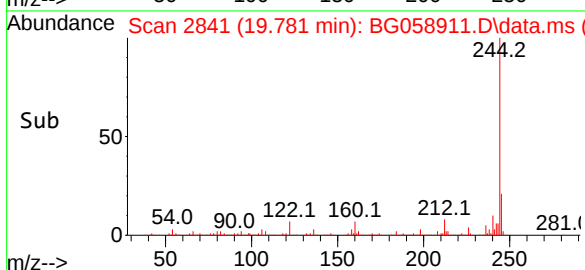
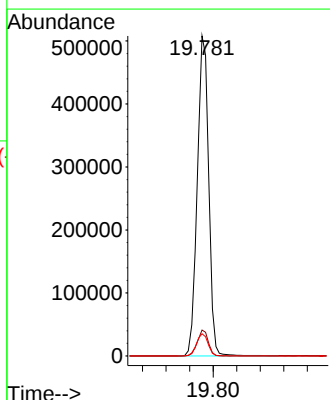
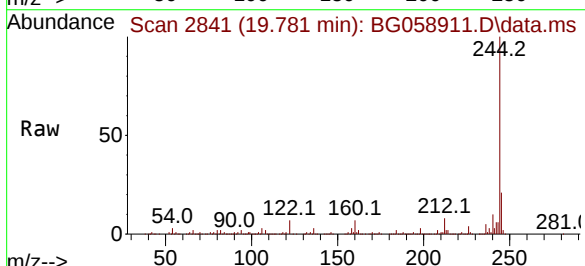
Tgt Ion:244 Resp: 682495

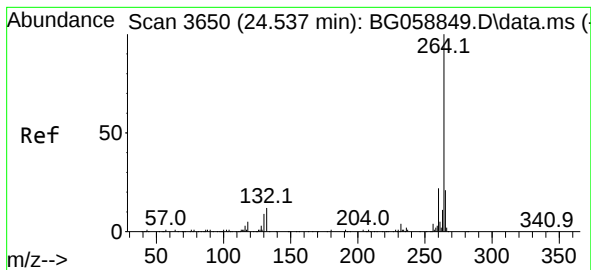
Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

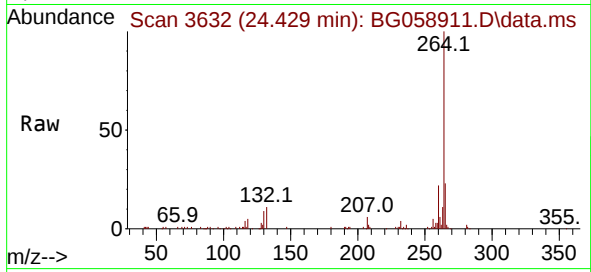
122 7.0 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.429 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG058911.D
 Acq: 31 Aug 2023 1:34

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-25



Tgt Ion:	264	Resp:	133137
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.2
265	23.0	16.4	24.6

