

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058912.D
 Acq On : 31 Aug 2023 2:15
 Operator : MA/JU
 Sample : 04198-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-26

Quant Time: Aug 31 04:24:42 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)

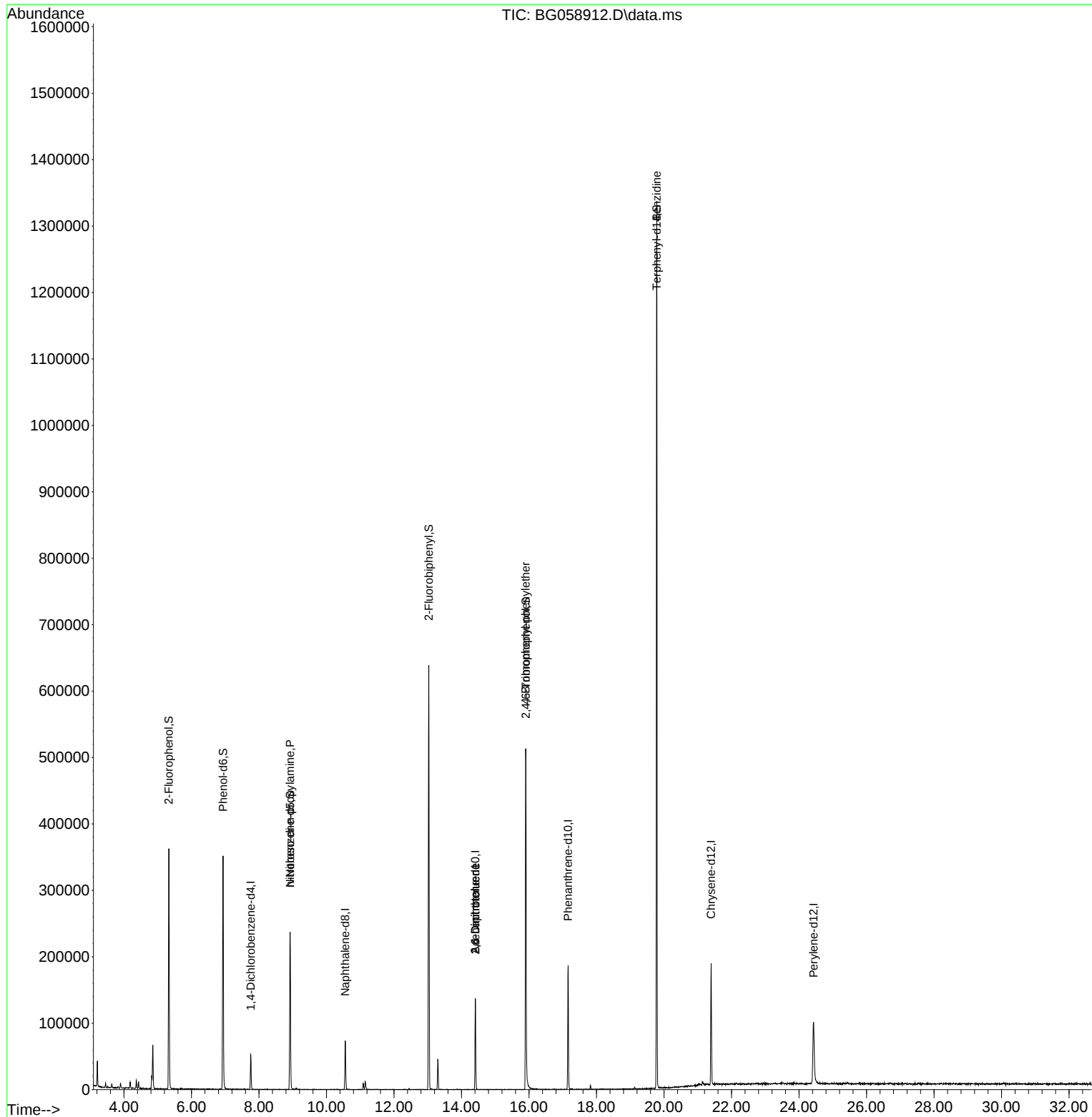
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.759	152	14252	20.000	ng	0.00
21) Naphthalene-d8	10.556	136	61288	20.000	ng	# 0.00
39) Acenaphthene-d10	14.410	164	49335	20.000	ng	0.00
64) Phenanthrene-d10	17.160	188	123479	20.000	ng	# 0.00
76) Chrysene-d12	21.396	240	105077	20.000	ng	-0.01
86) Perylene-d12	24.434	264	121077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.327	112	146499	165.419	ng	0.00
7) Phenol-d6	6.936	99	189006	152.112	ng	0.00
23) Nitrobenzene-d5	8.922	82	134945	105.858	ng	0.00
42) 2,4,6-Tribromophenol	15.908	330	121002	156.422	ng	0.00
45) 2-Fluorobiphenyl	13.029	172	342558	100.990	ng	0.00
79) Terphenyl-d14	19.786	244	680211	116.237	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.922	70	17830	22.199	ng	# 77
51) 2,6-Dinitrotoluene	14.410	165	6534	8.142	ng	# 22
57) 2,4-Dinitrotoluene	14.410	165	6534	5.837	ng	# 19
67) 4-Bromophenyl-phenylether	15.902	248	6968	5.142	ng	# 1
77) Benzidine	19.780	184	10022	5.322	ng	# 92

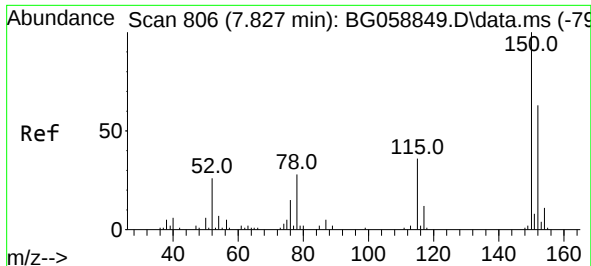
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
Data File : BG058912.D
Acq On : 31 Aug 2023 2:15
Operator : MA/JU
Sample : 04198-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-26

Quant Time: Aug 31 04:24:42 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

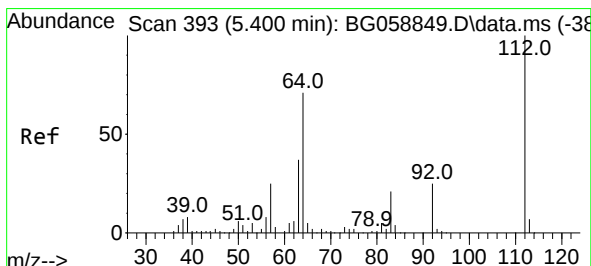
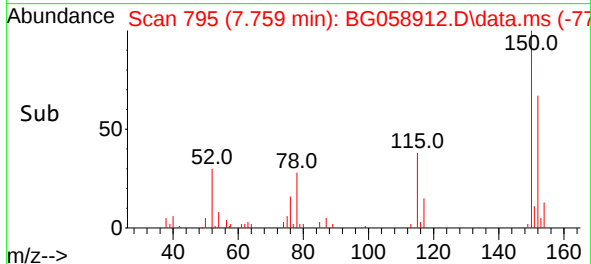
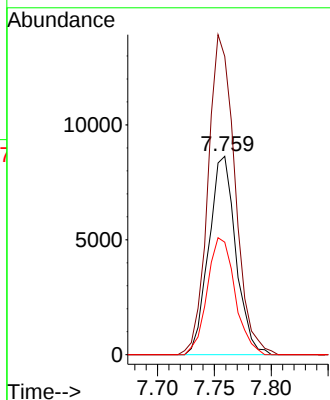
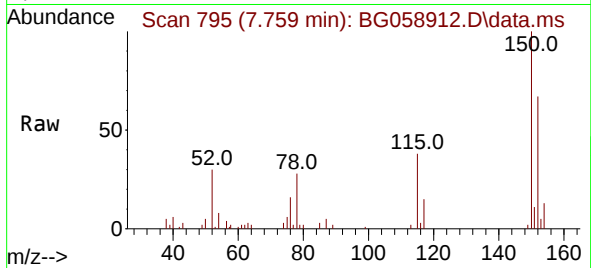




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.759 min Scan# 795
Delta R.T. 0.000 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

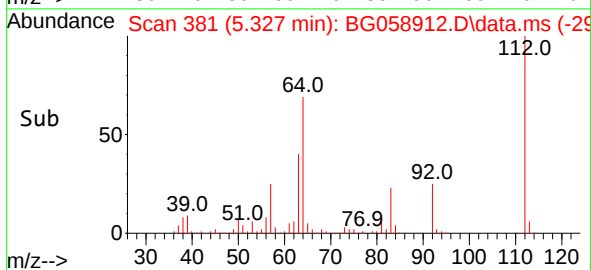
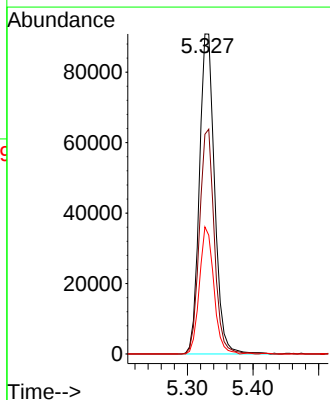
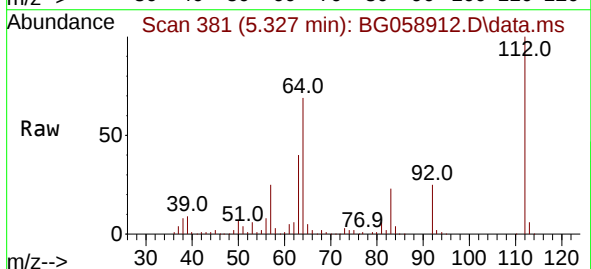
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-26

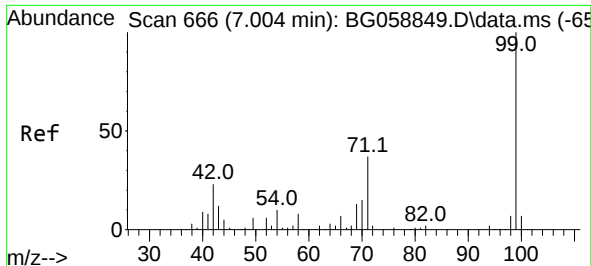
Tgt Ion:152 Resp: 14252
Ion Ratio Lower Upper
152 100
150 150.3 128.6 192.8
115 56.7 50.4 75.6



#5
2-Fluorophenol
Concen: 165.419 ng
RT: 5.327 min Scan# 381
Delta R.T. 0.000 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

Tgt Ion:112 Resp: 146499
Ion Ratio Lower Upper
112 100
64 68.7 60.6 90.8
63 39.7 31.0 46.4

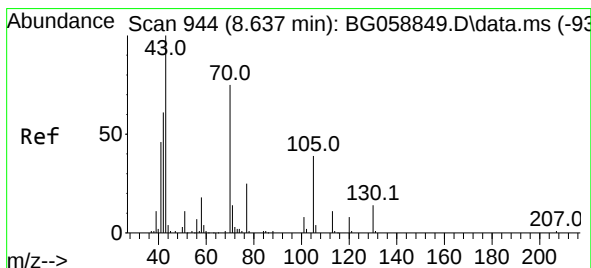
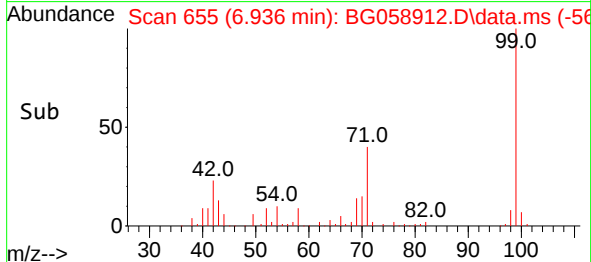
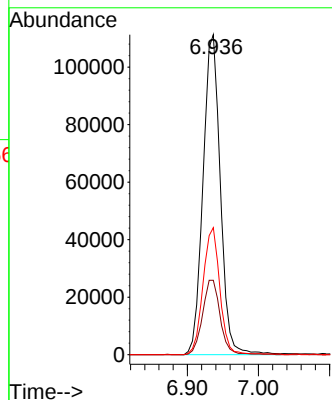
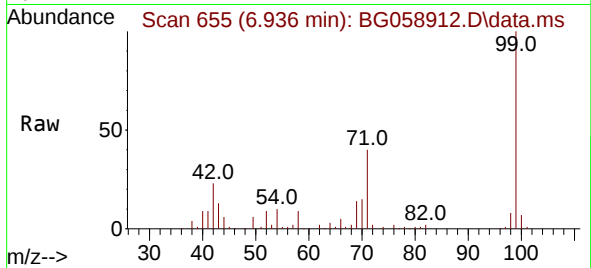




#7
Phenol-d6
Concen: 152.112 ng
RT: 6.936 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

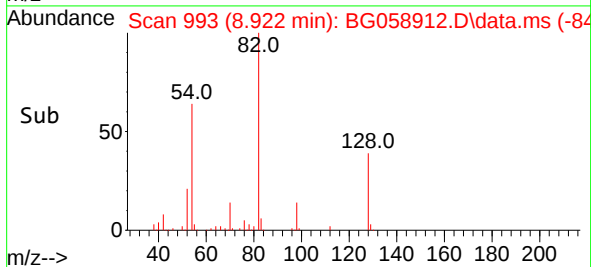
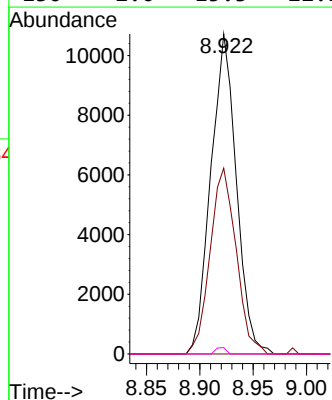
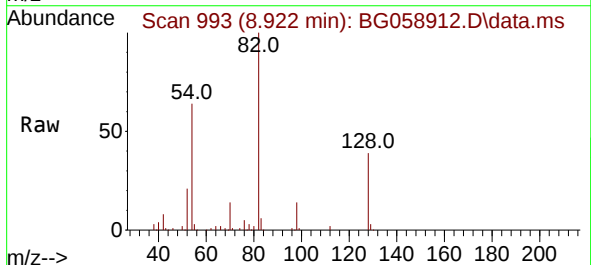
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-26

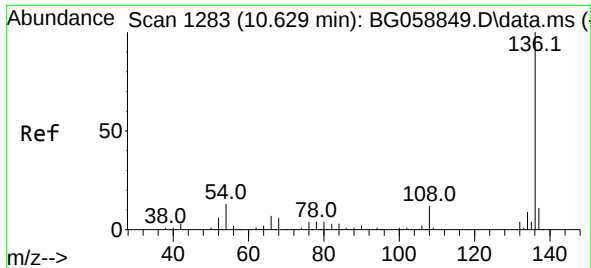
Tgt Ion: 99 Resp: 189006
Ion Ratio Lower Upper
99 100
42 23.2 16.5 24.7
71 39.7 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 22.199 ng
RT: 8.922 min Scan# 993
Delta R.T. 0.353 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

Tgt Ion: 70 Resp: 17830
Ion Ratio Lower Upper
70 100
42 58.1 59.2 88.8#
101 0.0 8.2 12.2#
130 2.0 15.3 22.9#

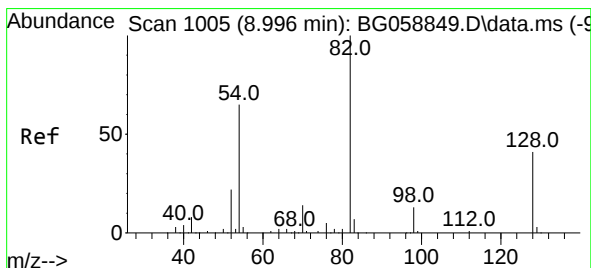
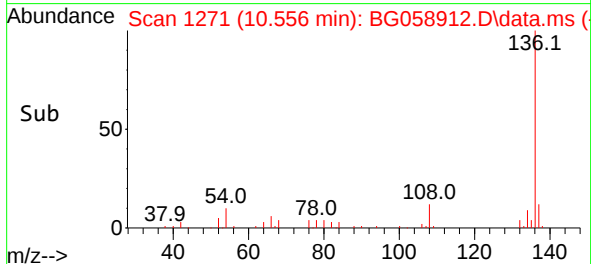
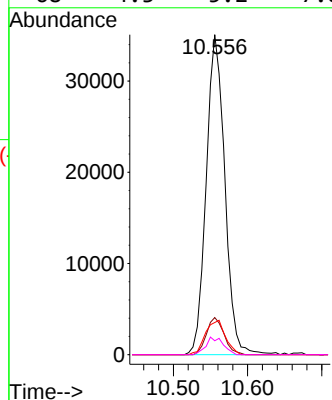
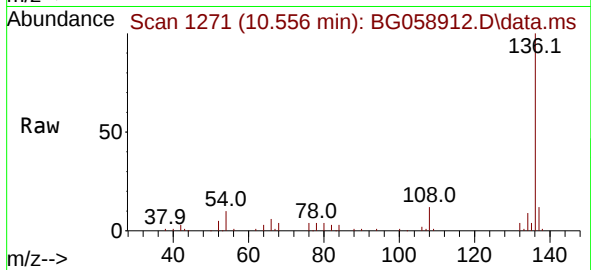




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.556 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

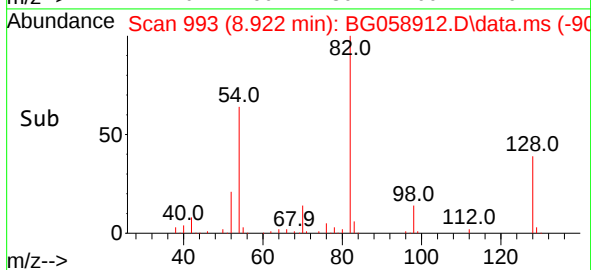
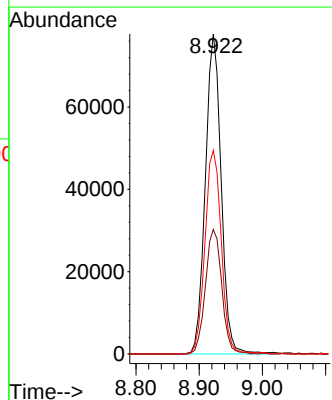
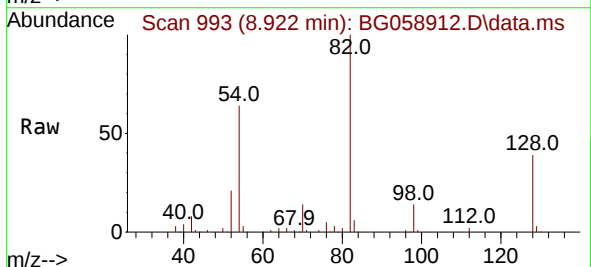
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-26

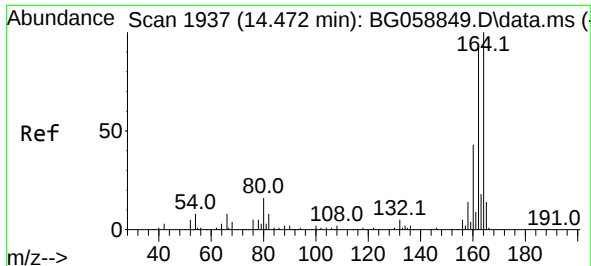
Tgt Ion:	136	Resp:	61288
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.7	13.1
54	10.1	10.1	15.1#
68	4.3	5.2	7.8#



#23
Nitrobenzene-d5
Concen: 105.858 ng
RT: 8.922 min Scan# 993
Delta R.T. -0.006 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

Tgt Ion:	82	Resp:	134945
Ion Ratio	Lower	Upper	
82	100		
128	38.9	33.2	49.8
54	63.6	51.2	76.8

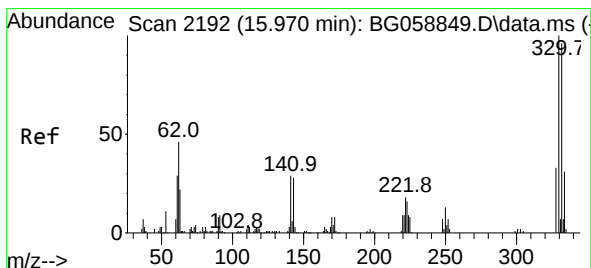
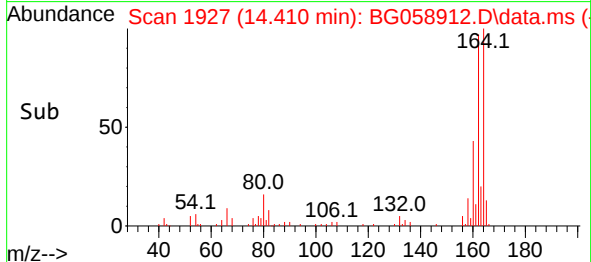
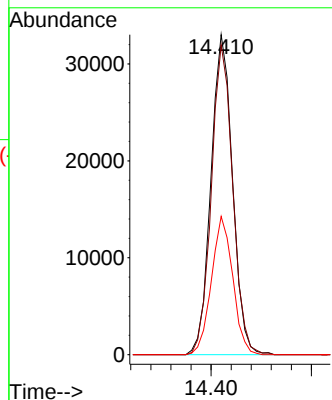
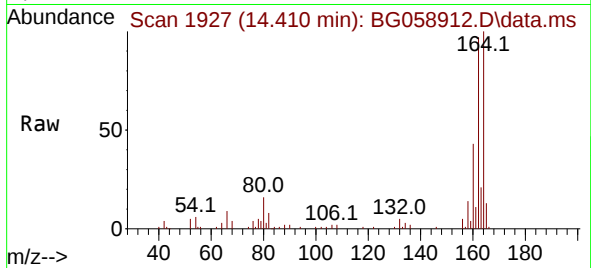




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

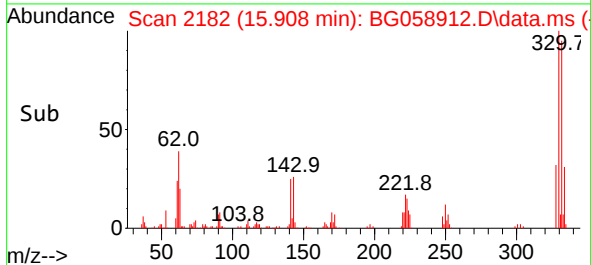
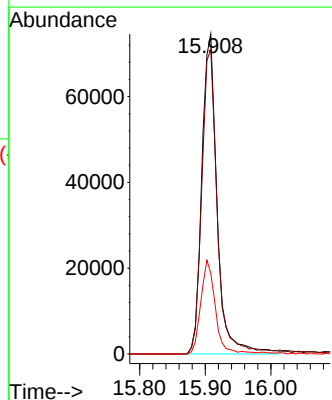
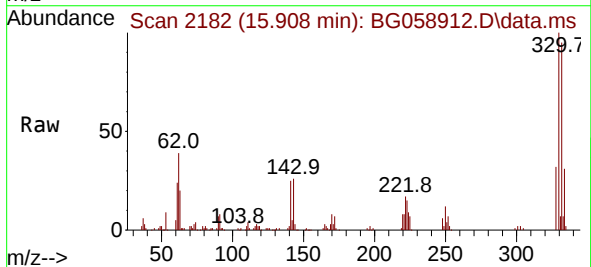
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-26

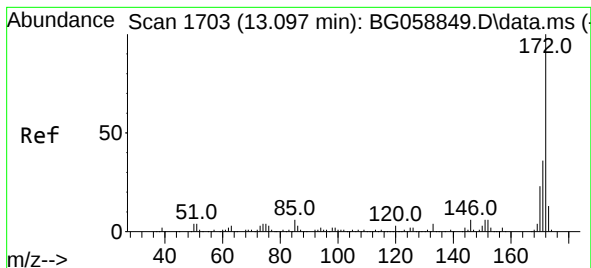
Tgt Ion:164 Resp: 49335
Ion Ratio Lower Upper
164 100
162 96.8 79.6 119.4
160 43.2 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 156.422 ng
RT: 15.908 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

Tgt Ion:330 Resp: 121002
Ion Ratio Lower Upper
330 100
332 97.3 78.5 117.7
141 27.8 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 100.990 ng

RT: 13.029 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG058912.D

Acq: 31 Aug 2023 2:15

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-26

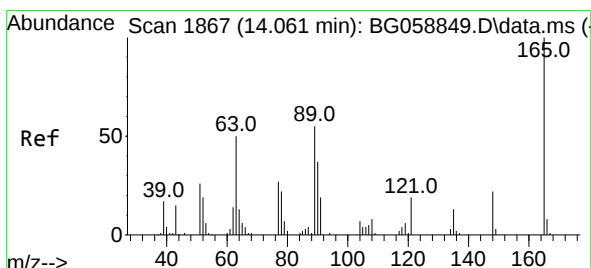
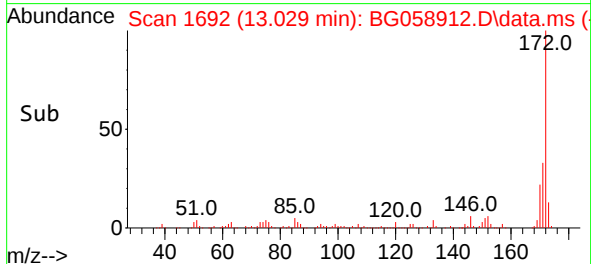
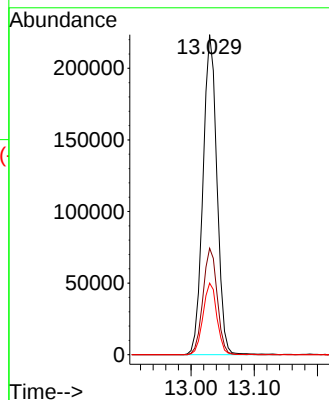
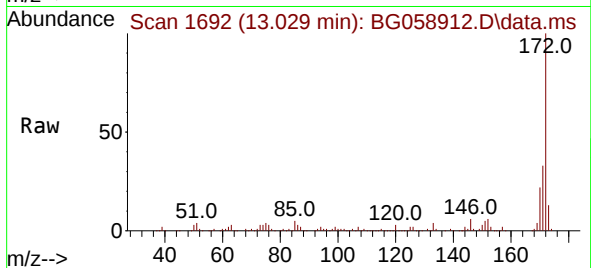
Tgt Ion:172 Resp: 342558

Ion Ratio Lower Upper

172 100

171 33.3 28.1 42.1

170 22.3 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.142 ng

RT: 14.410 min Scan# 1927

Delta R.T. 0.406 min

Lab File: BG058912.D

Acq: 31 Aug 2023 2:15

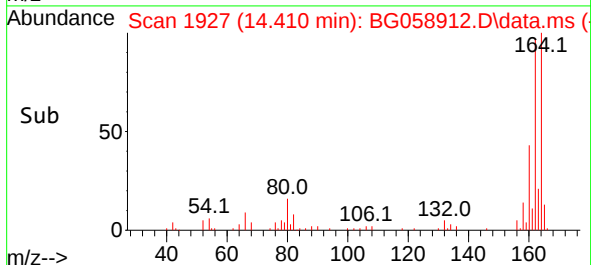
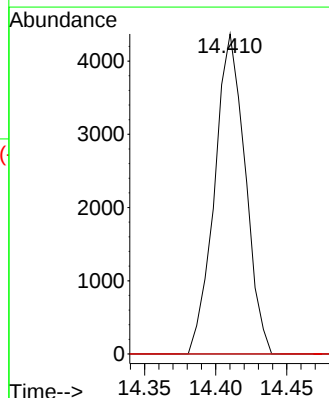
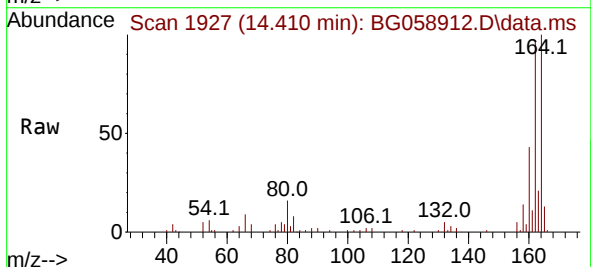
Tgt Ion:165 Resp: 6534

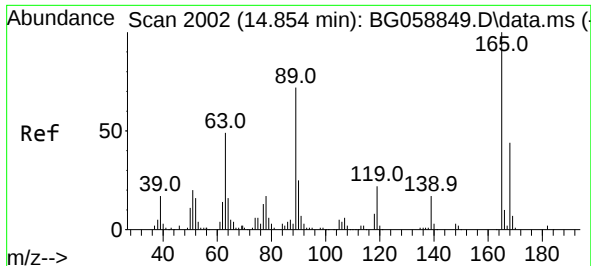
Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

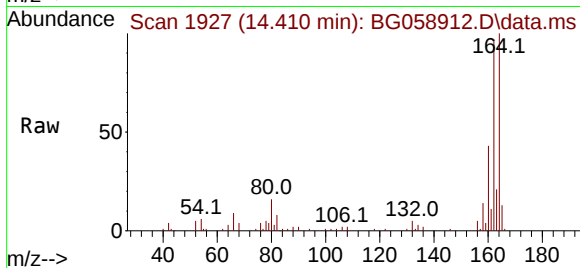
89 0.0 45.0 67.4#



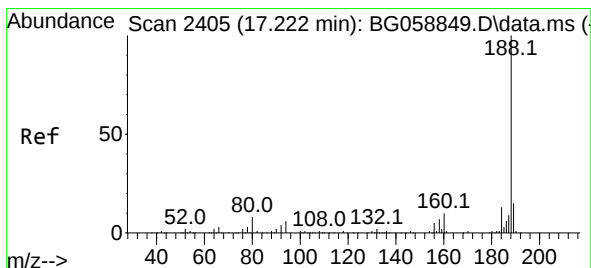
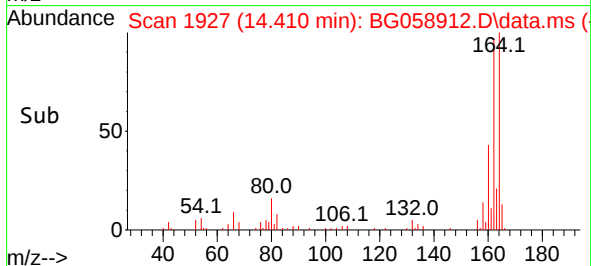
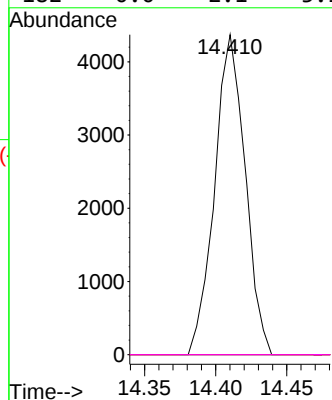


#57
2,4-Dinitrotoluene
Concen: 5.837 ng
RT: 14.410 min Scan# 1927
Delta R.T. -0.388 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-26

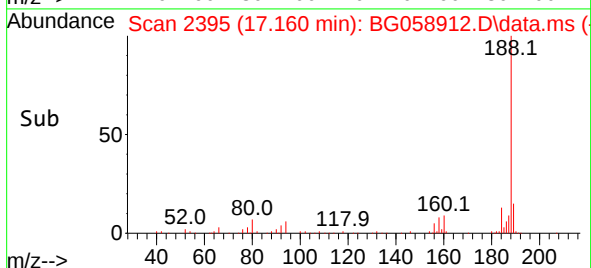
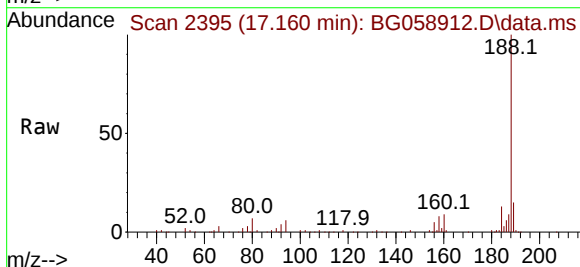
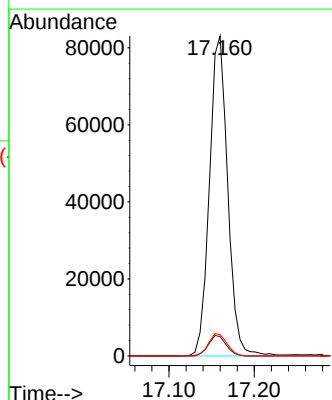


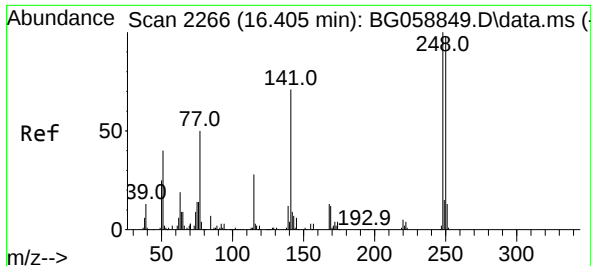
Tgt Ion:	165	Resp:	6534
Ion Ratio	Lower	Upper	
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.160 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

Tgt Ion:	188	Resp:	123479
Ion Ratio	Lower	Upper	
188	100		
94	6.0	6.1	9.1#
80	6.6	6.9	10.3#

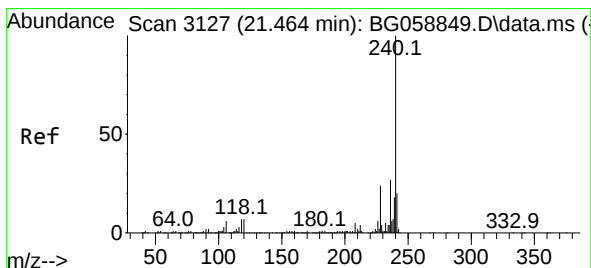
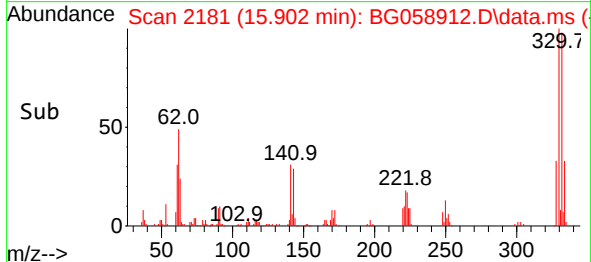
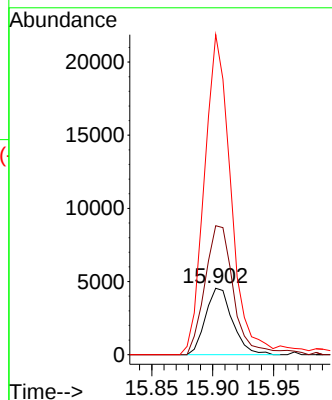
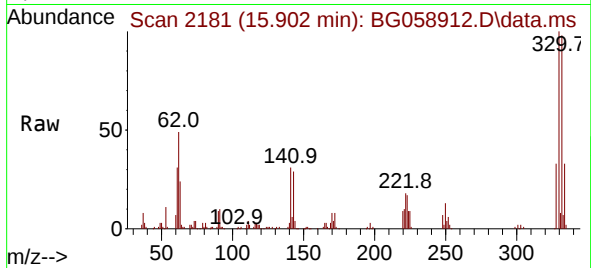




#67
4-Bromophenyl-phenylether
Concen: 5.142 ng
RT: 15.902 min Scan# 2116
Delta R.T. -0.452 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

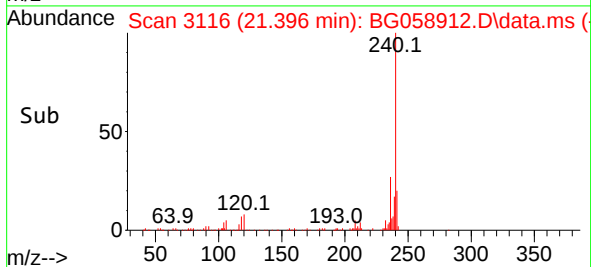
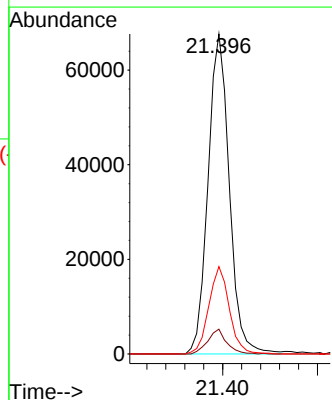
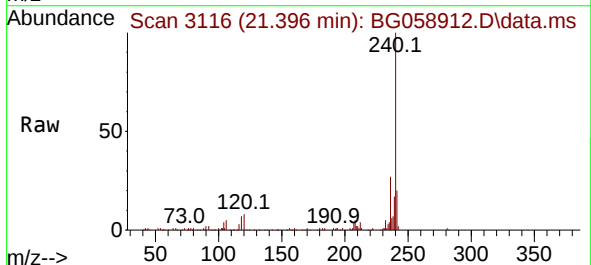
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-26

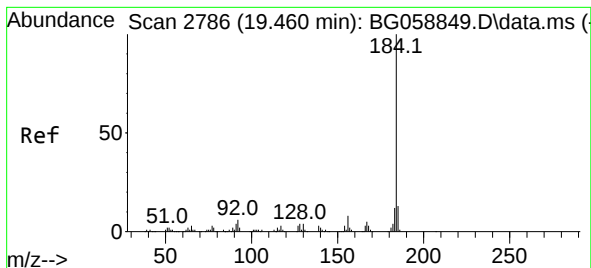
Tgt Ion:248 Resp: 6968
Ion Ratio Lower Upper
248 100
250 194.5 77.7 116.5#
141 482.4 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.396 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BG058912.D
Acq: 31 Aug 2023 2:15

Tgt Ion:240 Resp: 105077
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 27.3 20.5 30.7





#77

Benzidine

Concen: 5.322 ng

RT: 19.780 min Scan# 2

Delta R.T. 0.370 min

Lab File: BG058912.D

Acq: 31 Aug 2023 2:15

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-26

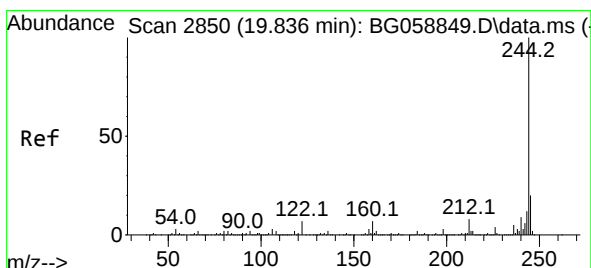
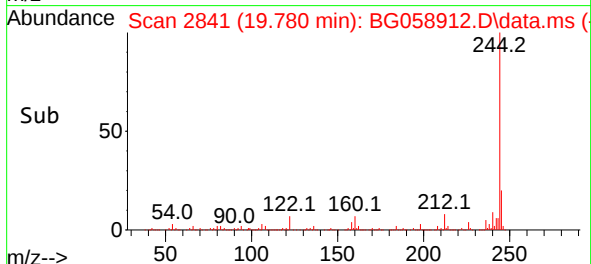
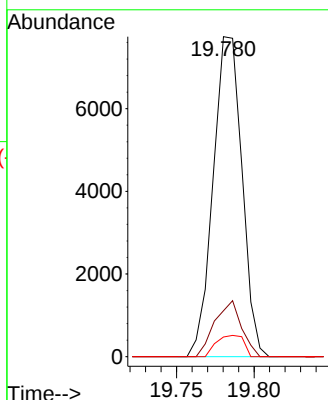
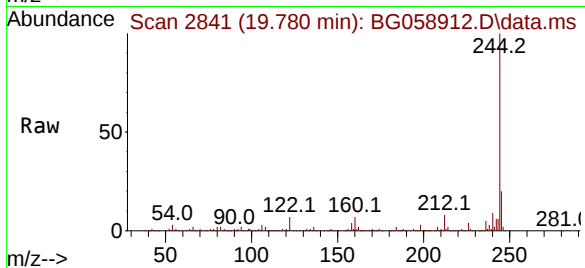
Tgt Ion:184 Resp: 10022

Ion Ratio Lower Upper

184 100

185 14.4 11.9 17.9

183 6.2 10.0 15.0#



#79

Terphenyl-d14

Concen: 116.237 ng

RT: 19.786 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BG058912.D

Acq: 31 Aug 2023 2:15

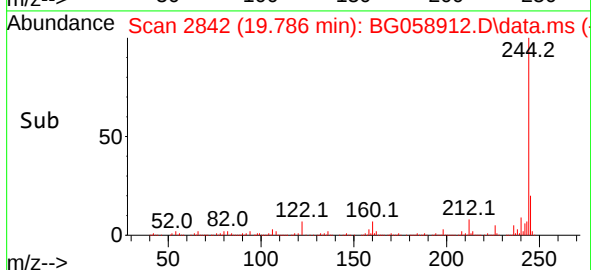
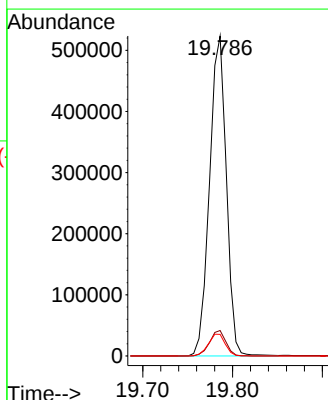
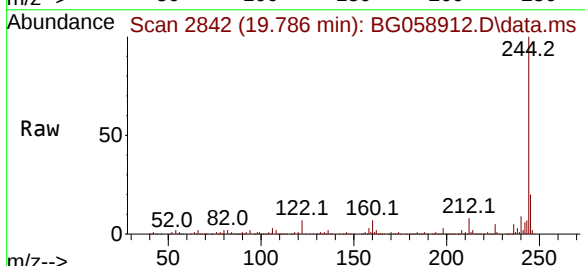
Tgt Ion:244 Resp: 680211

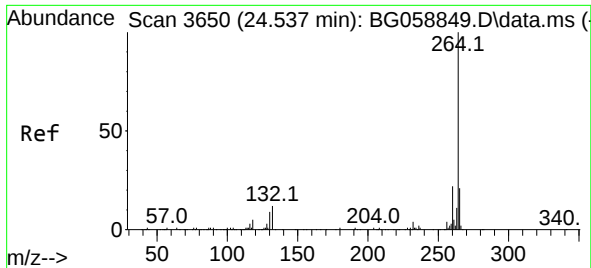
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

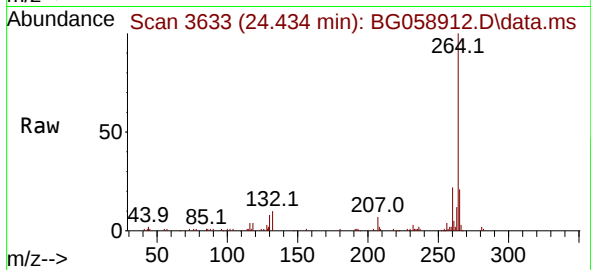
122 6.8 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.434 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG058912.D
 Acq: 31 Aug 2023 2:15

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-26



Tgt Ion:	264	Resp:	121077
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.2
265	20.8	16.4	24.6

