

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058907.D
 Acq On : 30 Aug 2023 22:50
 Operator : MA/JU
 Sample : 04197-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-21

Quant Time: Aug 31 01:42:03 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)

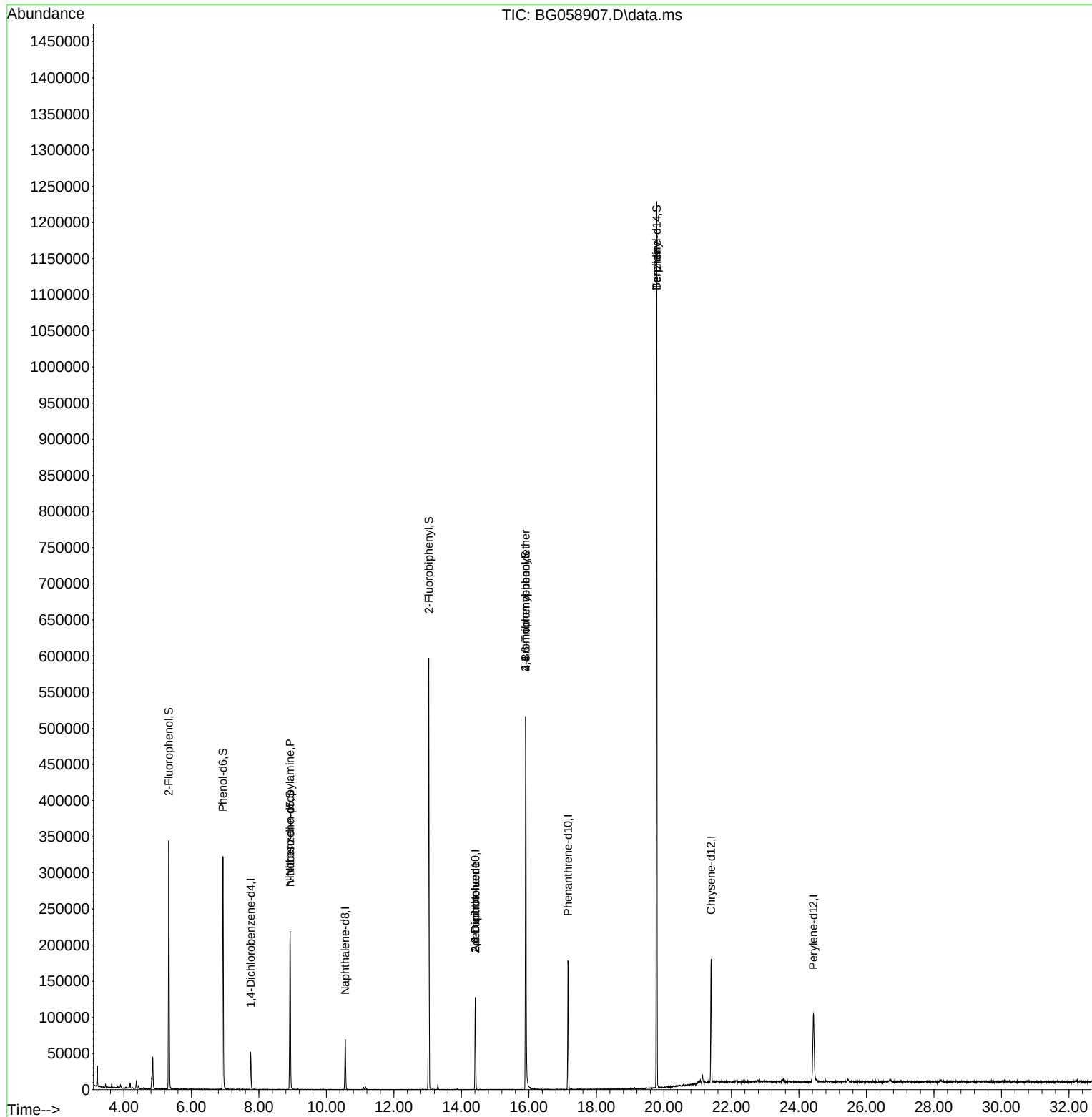
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	13657	20.000	ng	0.00
21) Naphthalene-d8	10.558	136	58735	20.000	ng	# 0.00
39) Acenaphthene-d10	14.412	164	48065	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	119882	20.000	ng	# 0.00
76) Chrysene-d12	21.398	240	101793	20.000	ng	0.00
86) Perylene-d12	24.430	264	120604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	135424	159.575	ng	0.00
7) Phenol-d6	6.932	99	173668	145.857	ng	0.00
23) Nitrobenzene-d5	8.924	82	123267	100.900	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	121202	160.820	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	320813	97.079	ng	0.00
79) Terphenyl-d14	19.788	244	665625	117.414	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.924	70	16573	21.533	ng	# 76
51) 2,6-Dinitrotoluene	14.412	165	5972	7.638	ng	# 22
57) 2,4-Dinitrotoluene	14.412	165	5972	5.476	ng	# 19
67) 4-Bromophenyl-phenylether	15.904	248	7227	5.494	ng	# 1
77) Benzidine	19.782	184	10414	5.708	ng	# 88

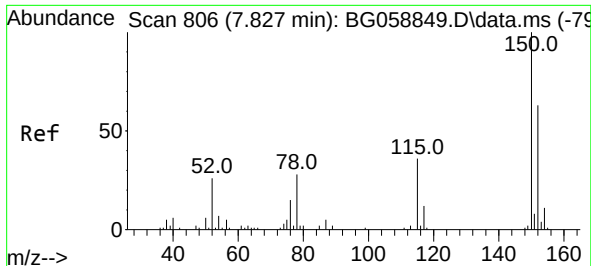
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
Data File : BG058907.D
Acq On : 30 Aug 2023 22:50
Operator : MA/JU
Sample : 04197-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-21

Quant Time: Aug 31 01:42:03 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

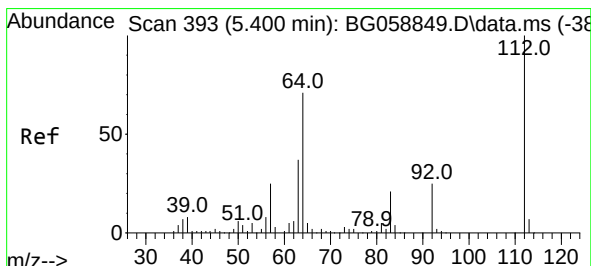
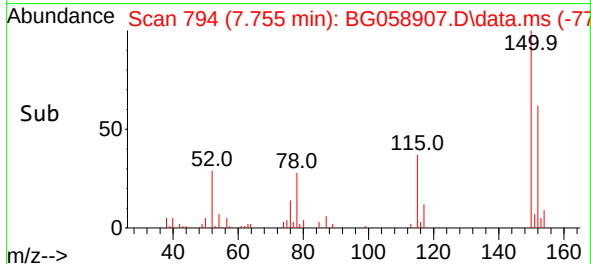
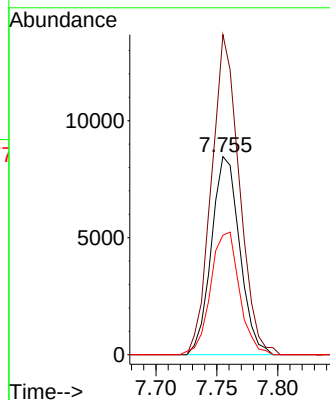
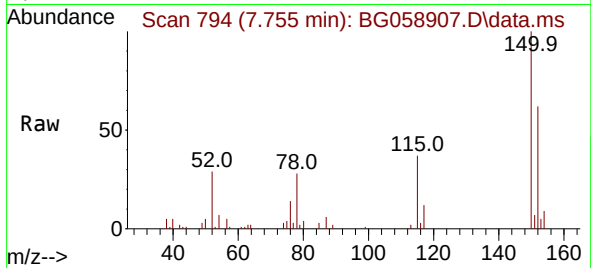




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 794
Delta R.T. -0.004 min
Lab File: BG058907.D
Acq: 30 Aug 2023 22:50

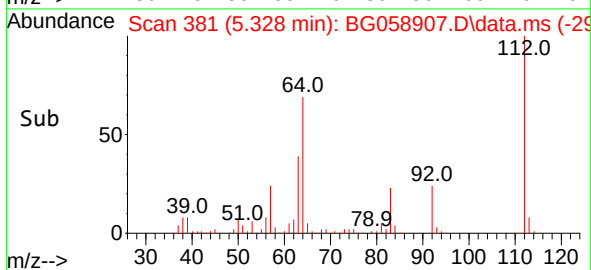
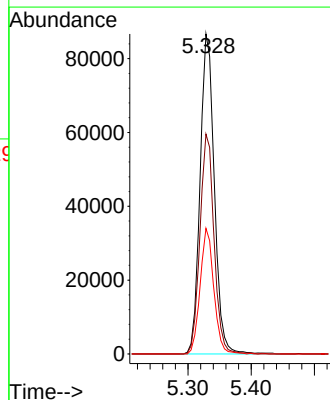
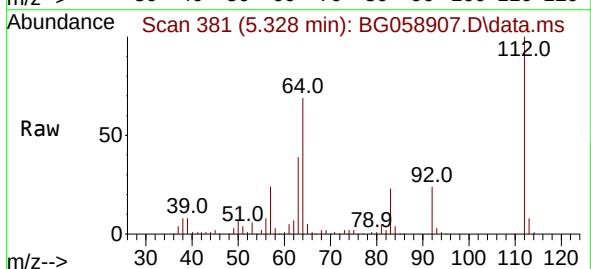
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-21

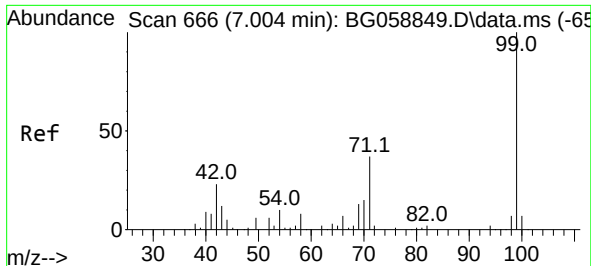
Tgt Ion:152 Resp: 13657
Ion Ratio Lower Upper
152 100
150 161.5 128.6 192.8
115 60.4 50.4 75.6



#5
2-Fluorophenol
Concen: 159.575 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.002 min
Lab File: BG058907.D
Acq: 30 Aug 2023 22:50

Tgt Ion:112 Resp: 135424
Ion Ratio Lower Upper
112 100
64 68.7 60.6 90.8
63 39.3 31.0 46.4





#7

Phenol-d6

Concen: 145.857 ng

RT: 6.932 min Scan# 61

Delta R.T. -0.004 min

Lab File: BG058907.D

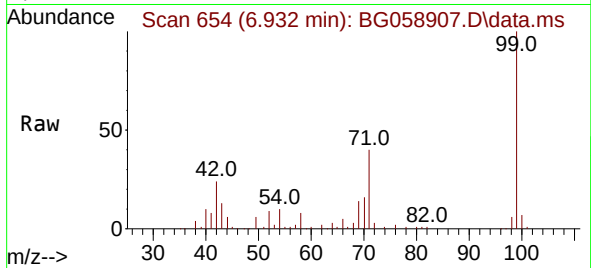
Acq: 30 Aug 2023 22:50

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-21



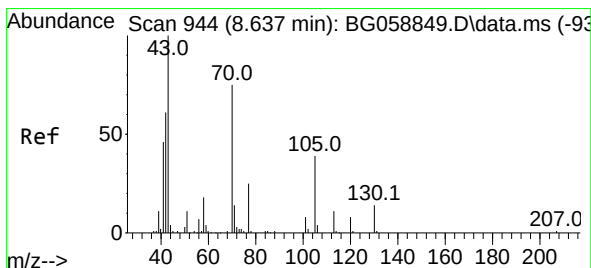
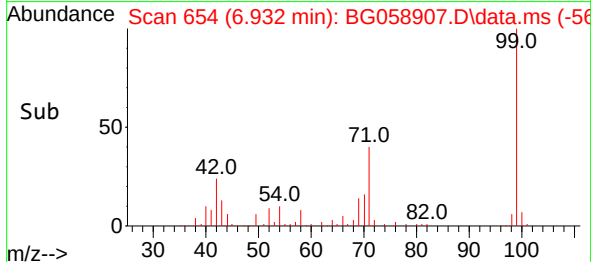
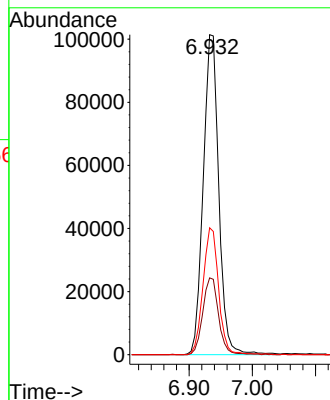
Tgt Ion: 99 Resp: 173668

Ion Ratio Lower Upper

99 100

42 24.0 16.5 24.7

71 39.7 28.4 42.6



#19

n-Nitroso-di-n-propylamine

Concen: 21.533 ng

RT: 8.924 min Scan# 993

Delta R.T. 0.355 min

Lab File: BG058907.D

Acq: 30 Aug 2023 22:50

Tgt Ion: 70 Resp: 16573

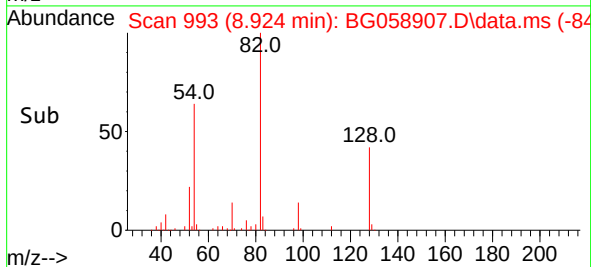
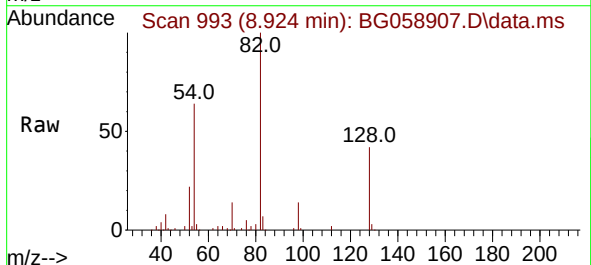
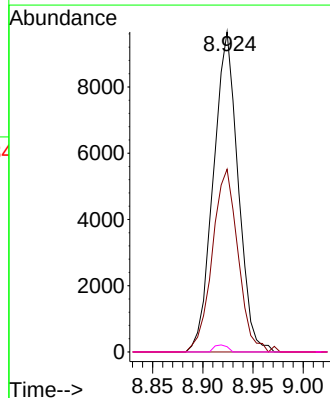
Ion Ratio Lower Upper

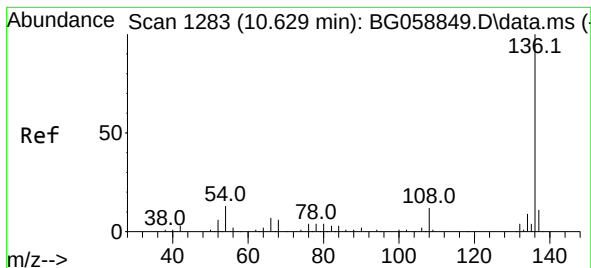
70 100

42 57.1 59.2 88.8#

101 0.0 8.2 12.2#

130 1.6 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.558 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG058907.D

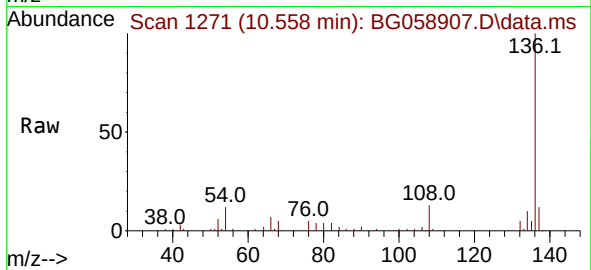
Acq: 30 Aug 2023 22:50

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-21



Tgt Ion:136 Resp: 58735

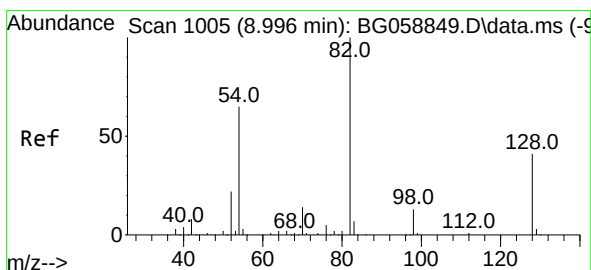
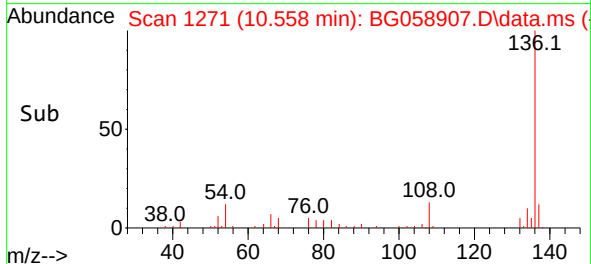
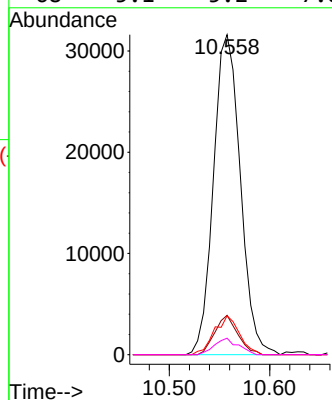
Ion Ratio Lower Upper

136 100

137 12.3 8.7 13.1

54 12.1 10.1 15.1

68 5.1 5.2 7.8#



#23

Nitrobenzene-d5

Concen: 100.900 ng

RT: 8.924 min Scan# 993

Delta R.T. -0.004 min

Lab File: BG058907.D

Acq: 30 Aug 2023 22:50

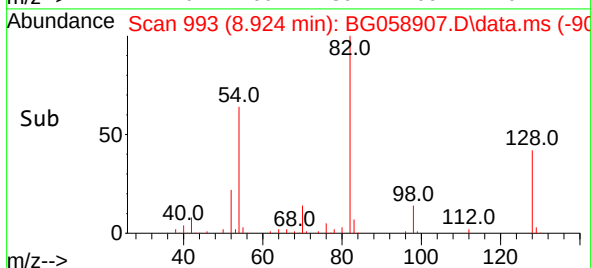
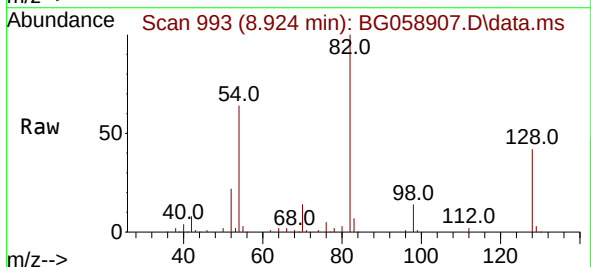
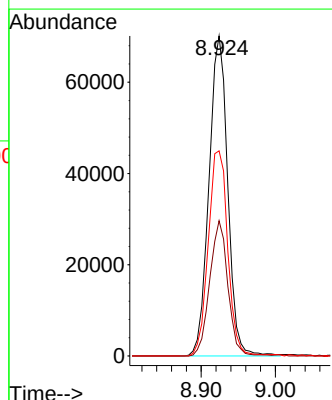
Tgt Ion: 82 Resp: 123267

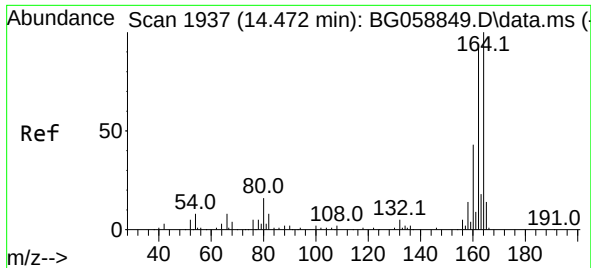
Ion Ratio Lower Upper

82 100

128 42.3 33.2 49.8

54 64.1 51.2 76.8

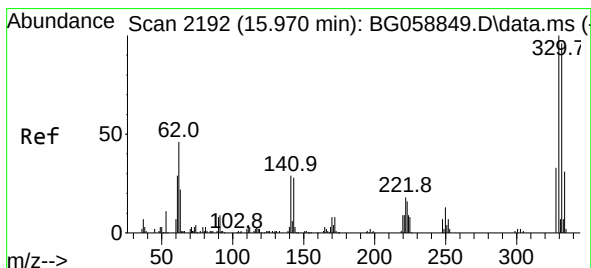
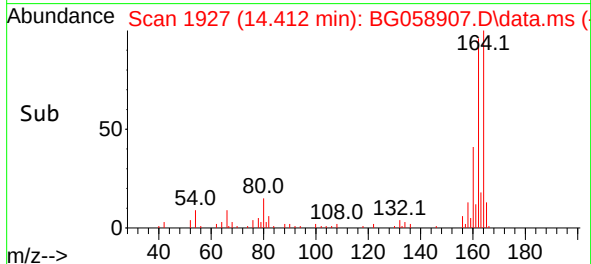
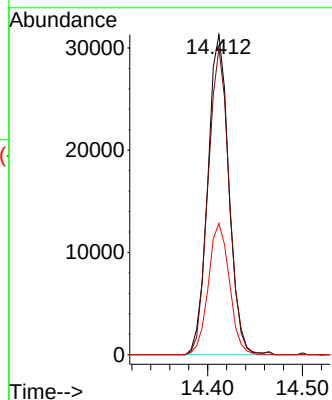
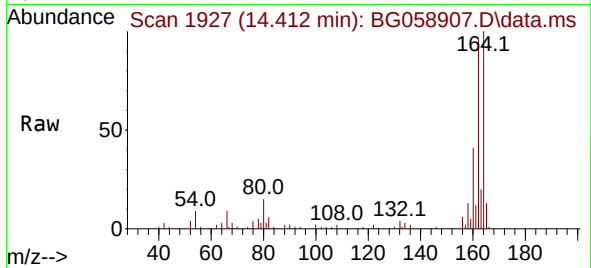




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.412 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG058907.D
Acq: 30 Aug 2023 22:50

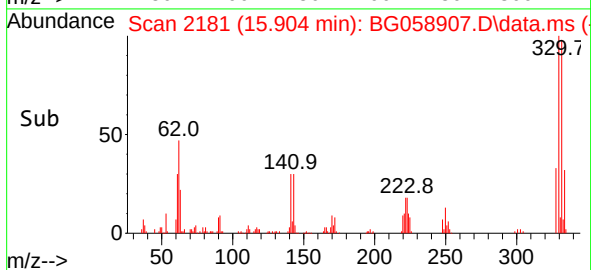
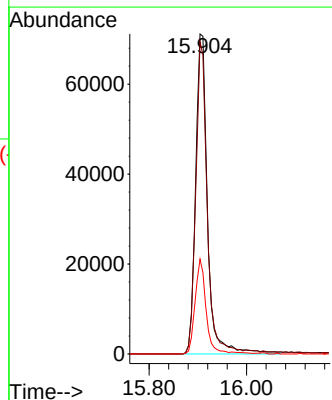
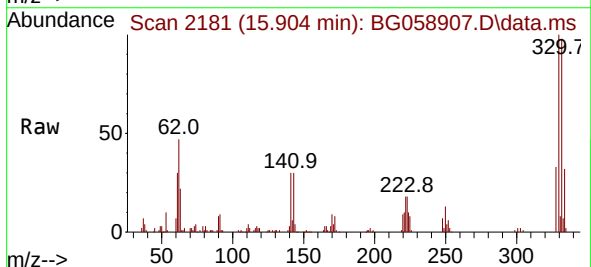
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-21

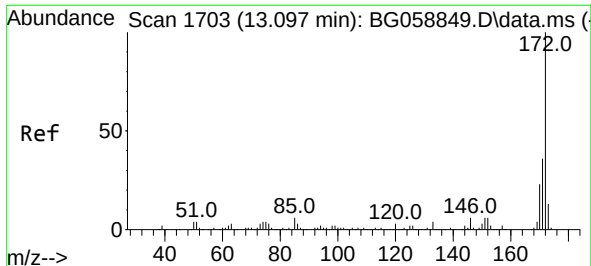
Tgt Ion:164	Resp:	48065
Ion Ratio	Lower	Upper
164	100	
162	95.7	79.6 119.4
160	41.0	34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 160.820 ng
RT: 15.904 min Scan# 2181
Delta R.T. -0.010 min
Lab File: BG058907.D
Acq: 30 Aug 2023 22:50

Tgt Ion:330	Resp:	121202
Ion Ratio	Lower	Upper
330	100	
332	93.1	78.5 117.7
141	27.7	23.0 34.6

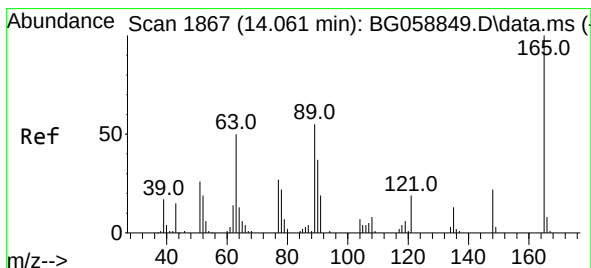
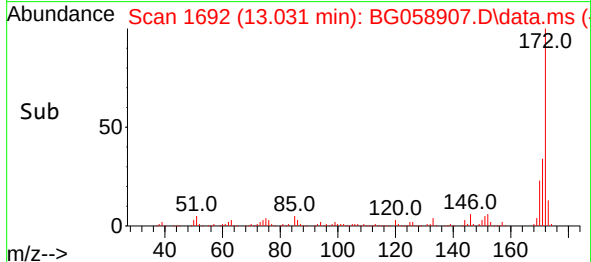
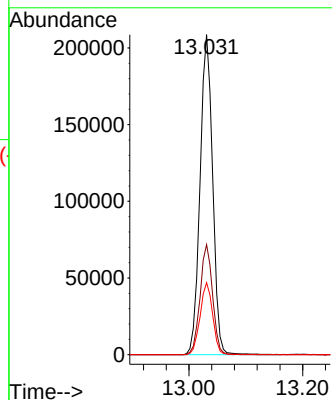
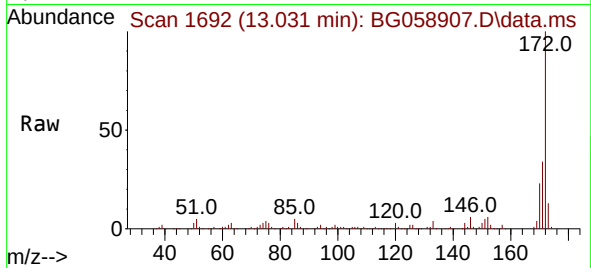




#45
2-Fluorobiphenyl
Concen: 97.079 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058907.D
Acq: 30 Aug 2023 22:50

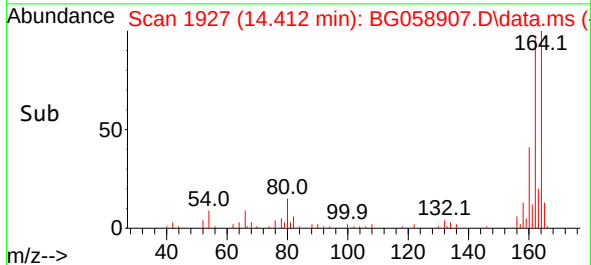
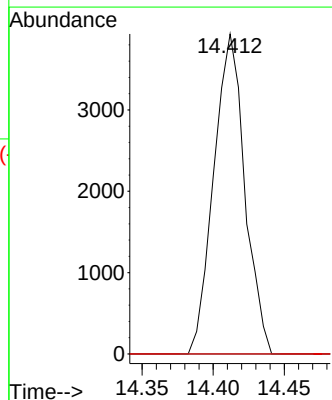
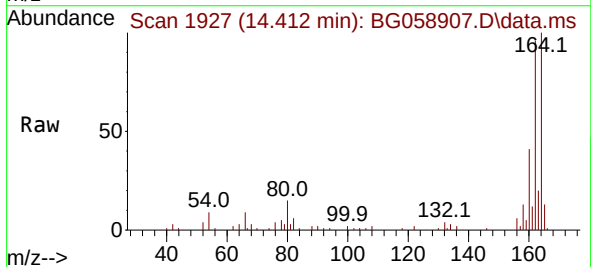
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-21

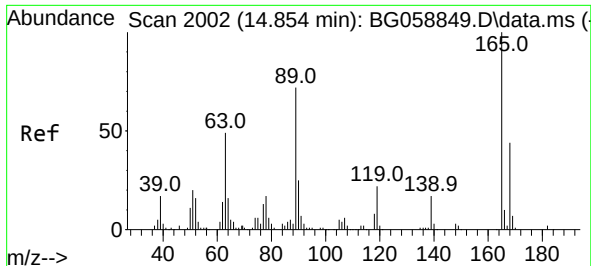
Tgt Ion:172 Resp: 320813
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 22.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.638 ng
RT: 14.412 min Scan# 1927
Delta R.T. 0.407 min
Lab File: BG058907.D
Acq: 30 Aug 2023 22:50

Tgt Ion:165 Resp: 5972
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: 5.476 ng

RT: 14.412 min Scan# 1927

Delta R.T. -0.386 min

Lab File: BG058907.D

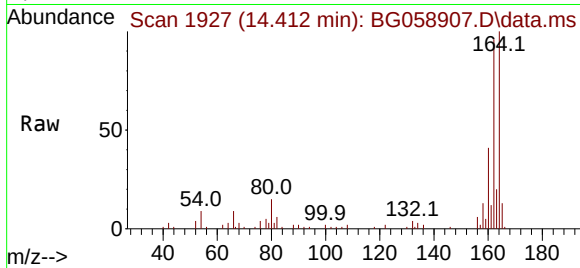
Acq: 30 Aug 2023 22:50

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-21



Tgt Ion:165 Resp: 5972

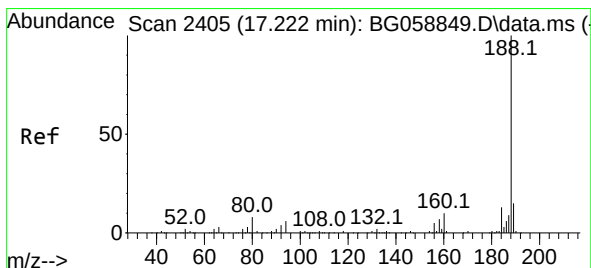
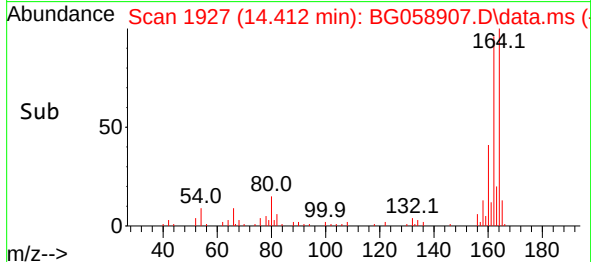
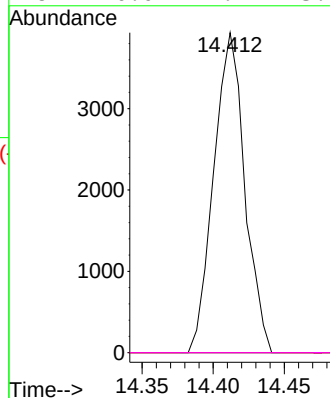
Ion Ratio Lower Upper

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: 17.156 min Scan# 2394

Delta R.T. -0.010 min

Lab File: BG058907.D

Acq: 30 Aug 2023 22:50

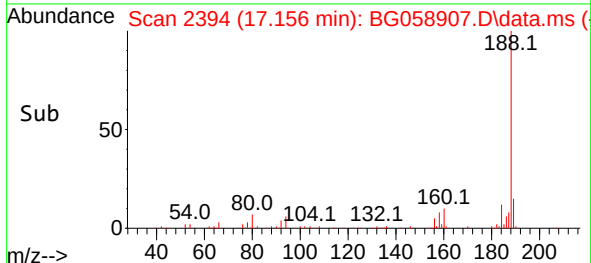
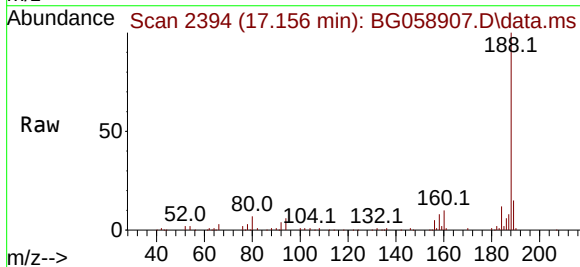
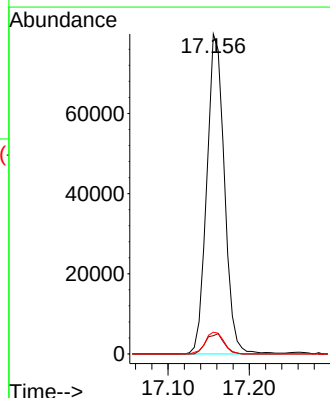
Tgt Ion:188 Resp: 119882

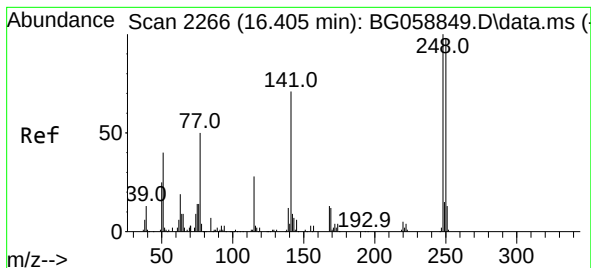
Ion Ratio Lower Upper

188 100

94 5.7 6.1 9.1#

80 6.8 6.9 10.3#

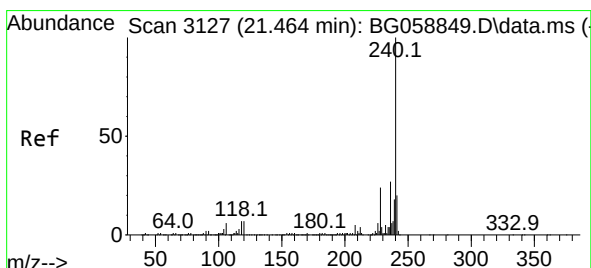
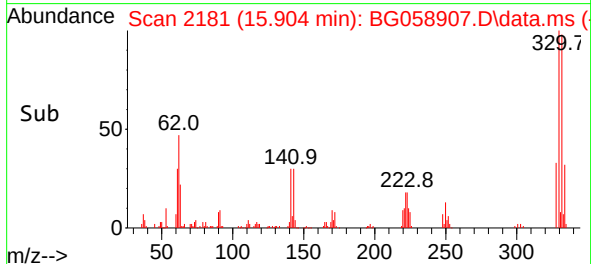
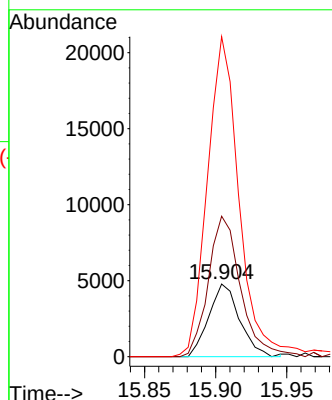
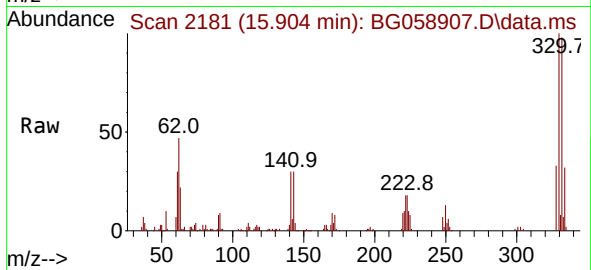




#67
4-Bromophenyl-phenylether
Concen: 5.494 ng
RT: 15.904 min Scan# 2116
Delta R.T. -0.450 min
Lab File: BG058907.D
Acq: 30 Aug 2023 22:50

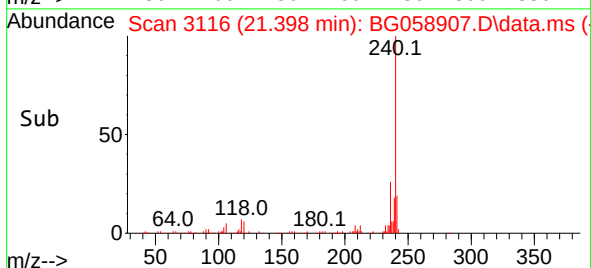
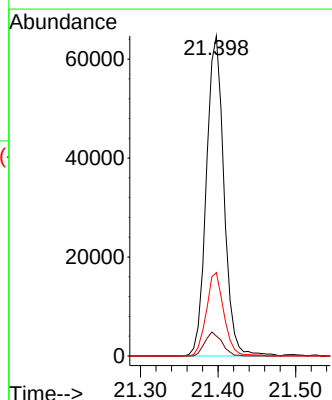
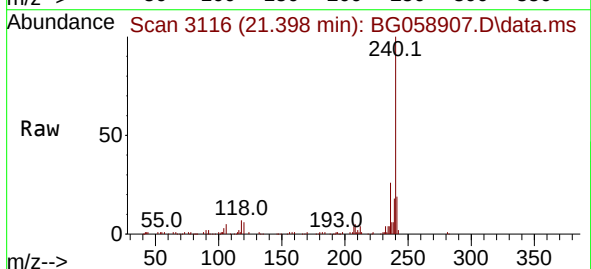
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-21

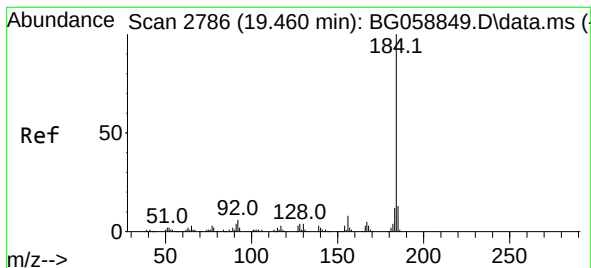
Tgt Ion:248 Resp: 7227
Ion Ratio Lower Upper
248 100
250 193.4 77.7 116.5#
141 440.6 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3116
Delta R.T. -0.010 min
Lab File: BG058907.D
Acq: 30 Aug 2023 22:50

Tgt Ion:240 Resp: 101793
Ion Ratio Lower Upper
240 100
120 6.2 6.2 9.2
236 26.1 20.5 30.7





#77

Benzidine

Concen: 5.708 ng

RT: 19.782 min Scan# 2841

Delta R.T. 0.372 min

Lab File: BG058907.D

Acq: 30 Aug 2023 22:50

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-21

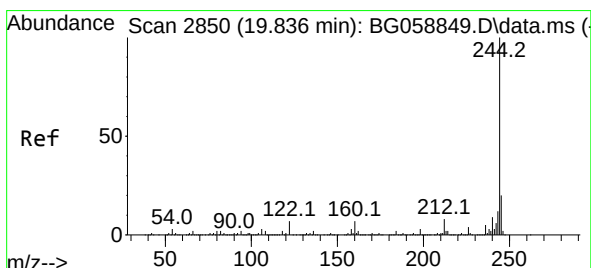
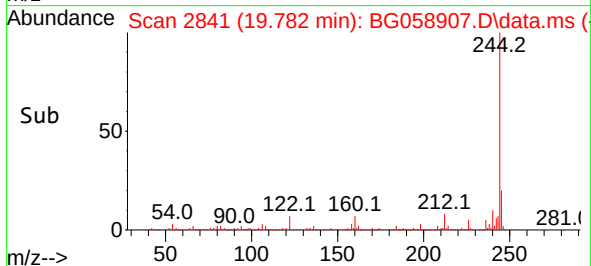
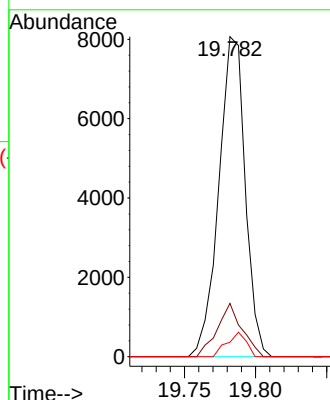
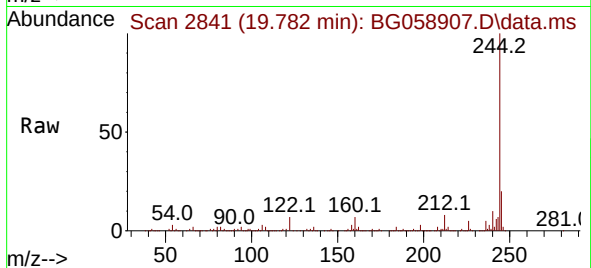
Tgt Ion:184 Resp: 10414

Ion Ratio Lower Upper

184 100

185 16.7 11.9 17.9

183 4.5 10.0 15.0#



#79

Terphenyl-d14

Concen: 117.414 ng

RT: 19.788 min Scan# 2842

Delta R.T. -0.004 min

Lab File: BG058907.D

Acq: 30 Aug 2023 22:50

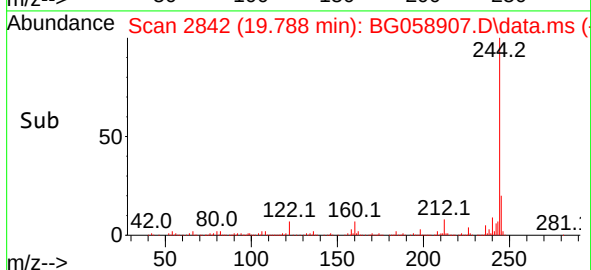
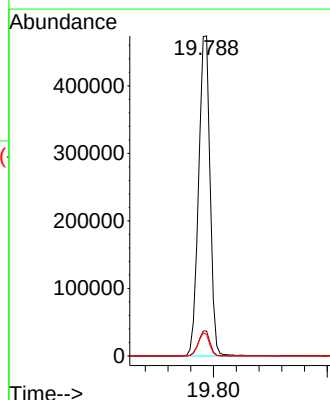
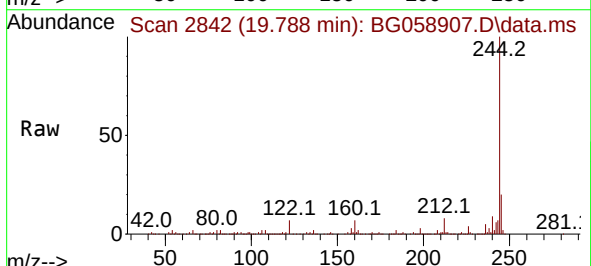
Tgt Ion:244 Resp: 665625

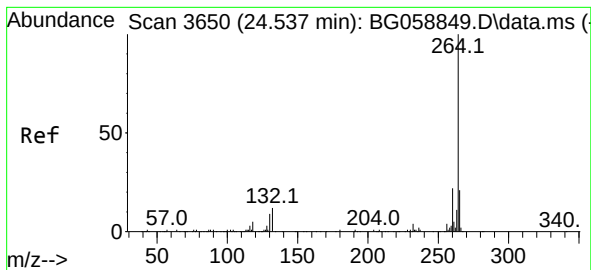
Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 6.8 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.430 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG058907.D

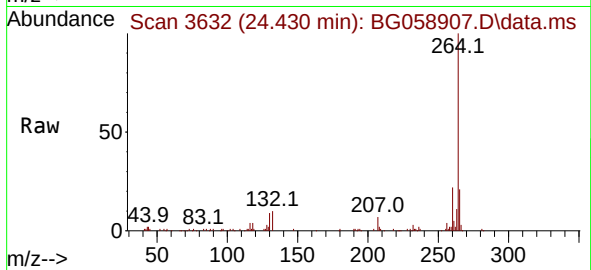
Acq: 30 Aug 2023 22:50

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-21



Tgt Ion:264 Resp: 120604

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.2

265 21.3 16.4 24.6

