

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058904.D
 Acq On : 30 Aug 2023 20:47
 Operator : MA/JU
 Sample : 04196-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-04

Quant Time: Aug 31 01:41:15 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)

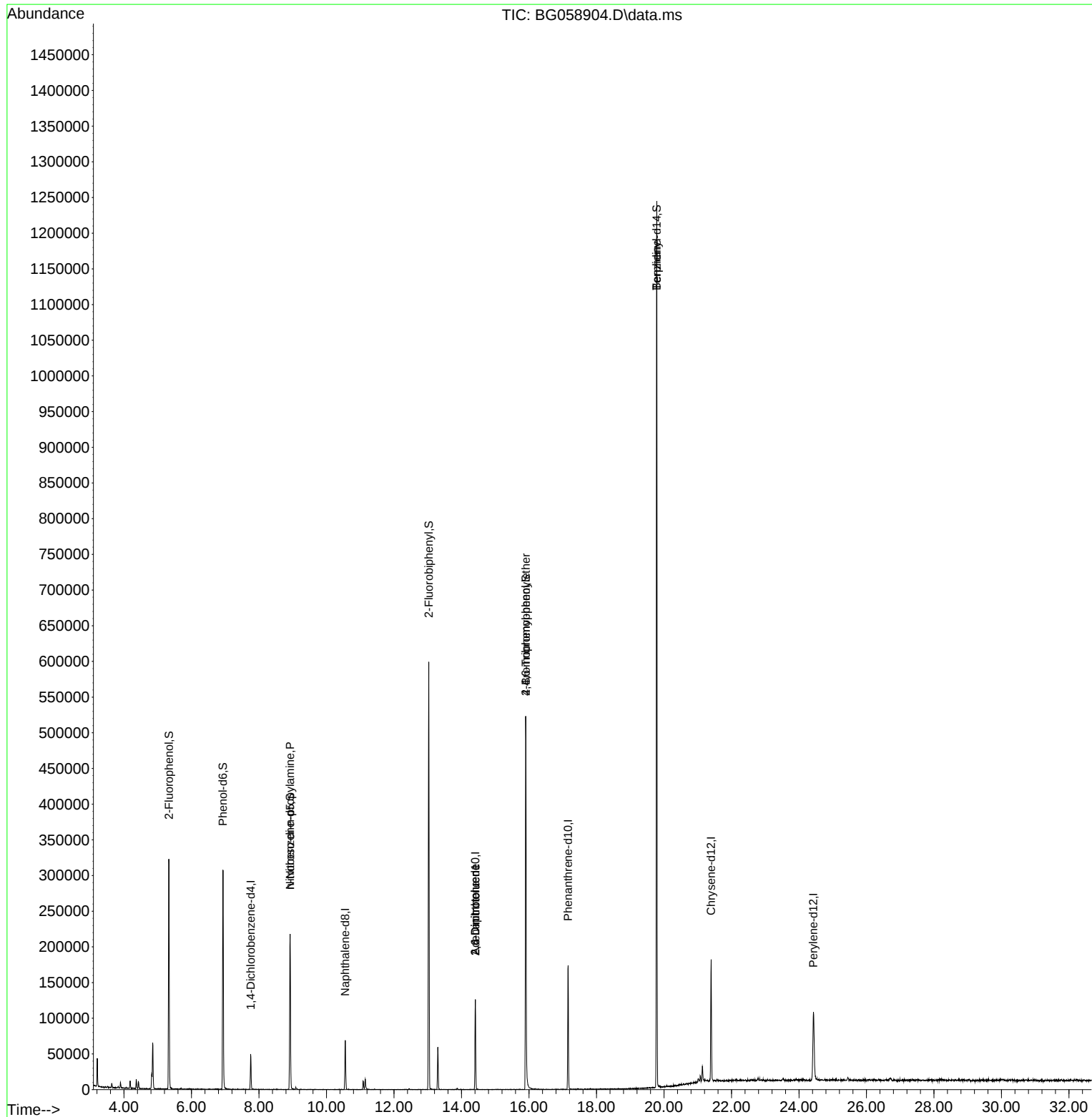
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	13224	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	57391	20.000	ng	# 0.00
39) Acenaphthene-d10	14.412	164	47320	20.000	ng	0.00
64) Phenanthrene-d10	17.161	188	118162	20.000	ng	# 0.00
76) Chrysene-d12	21.397	240	98260	20.000	ng	-0.01
86) Perylene-d12	24.429	264	114642	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	128296	156.126	ng	0.00
7) Phenol-d6	6.932	99	166755	144.637	ng	0.00
23) Nitrobenzene-d5	8.924	82	124048	103.918	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	118654	159.918	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	322583	99.151	ng	0.00
79) Terphenyl-d14	19.788	244	657147	120.086	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.924	70	16451	22.074	ng	# 75
51) 2,6-Dinitrotoluene	14.412	165	5846	7.595	ng	# 22
57) 2,4-Dinitrotoluene	14.412	165	5846	5.445	ng	# 19
67) 4-Bromophenyl-phenylether	15.910	248	7446	5.742	ng	# 1
77) Benzidine	19.788	184	10151	5.764	ng	# 92

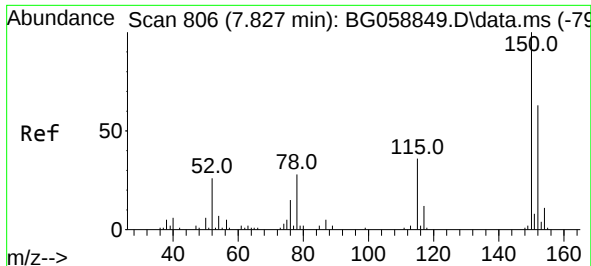
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
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Quant Time: Aug 31 01:41:15 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

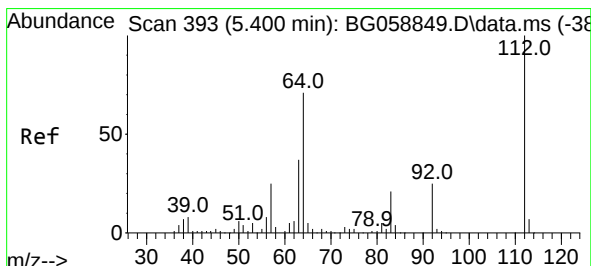
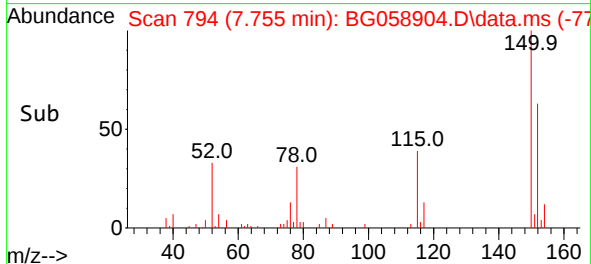
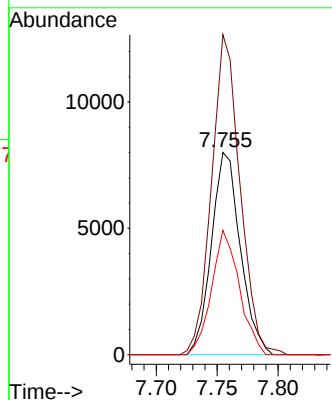
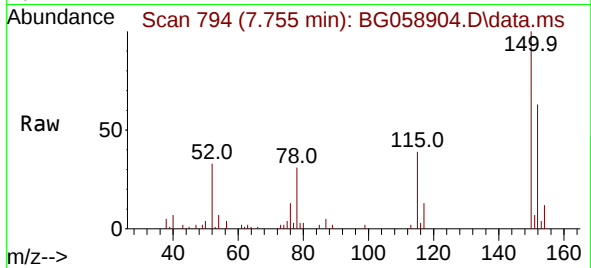




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 794
Delta R.T. -0.004 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

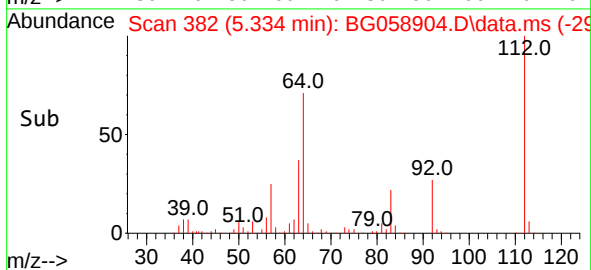
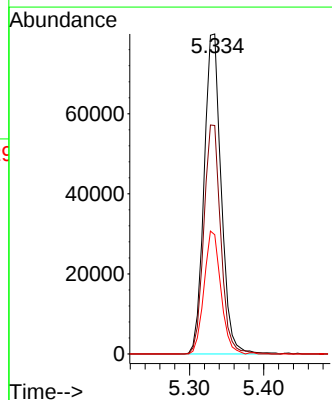
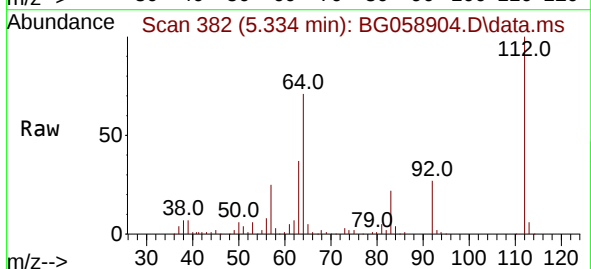
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-04

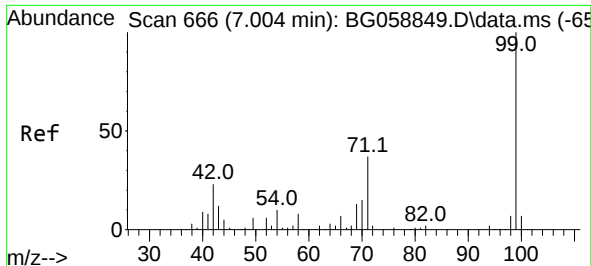
Tgt Ion:152 Resp: 13224
Ion Ratio Lower Upper
152 100
150 158.2 128.6 192.8
115 61.4 50.4 75.6



#5
2-Fluorophenol
Concen: 156.126 ng
RT: 5.334 min Scan# 382
Delta R.T. 0.008 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

Tgt Ion:112 Resp: 128296
Ion Ratio Lower Upper
112 100
64 71.4 60.6 90.8
63 37.2 31.0 46.4

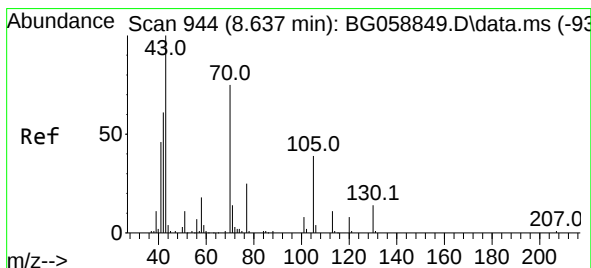
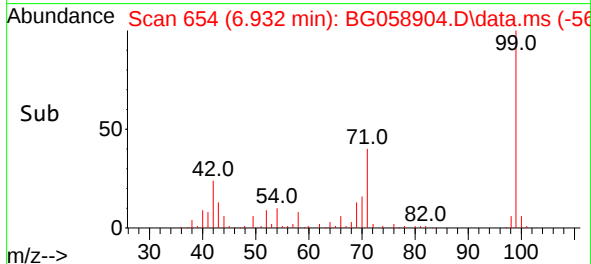
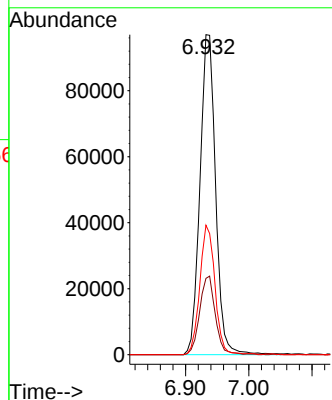
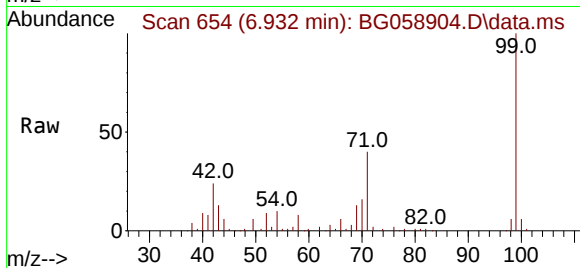




#7
Phenol-d6
Concen: 144.637 ng
RT: 6.932 min Scan# 611
Delta R.T. -0.004 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

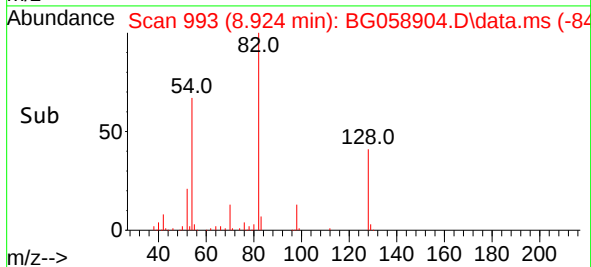
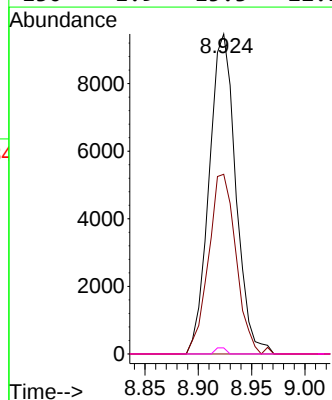
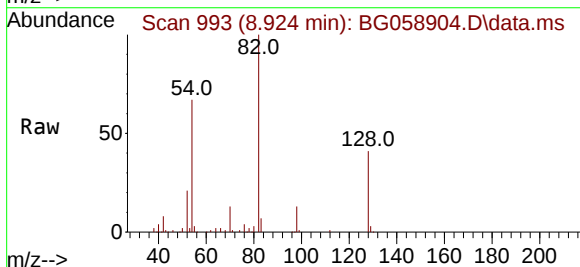
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-04

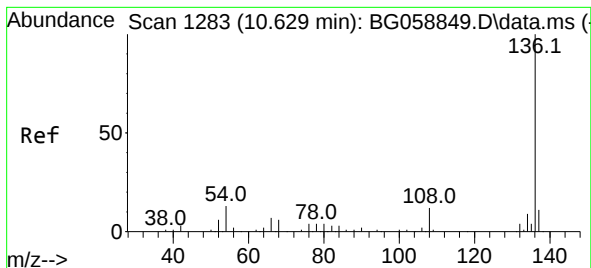
Tgt Ion: 99 Resp: 166755
Ion Ratio Lower Upper
99 100
42 23.8 16.5 24.7
71 40.4 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 22.074 ng
RT: 8.924 min Scan# 993
Delta R.T. 0.354 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

Tgt Ion: 70 Resp: 16451
Ion Ratio Lower Upper
70 100
42 56.2 59.2 88.8#
101 0.0 8.2 12.2#
130 1.9 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.557 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG058904.D

Acq: 30 Aug 2023 20:47

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-04

Tgt Ion:136 Resp: 57391

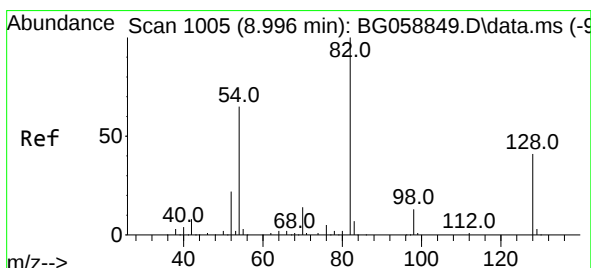
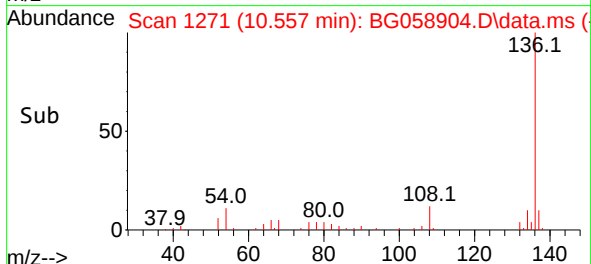
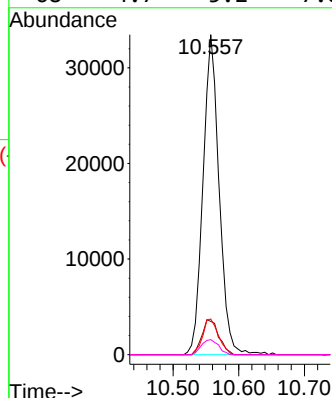
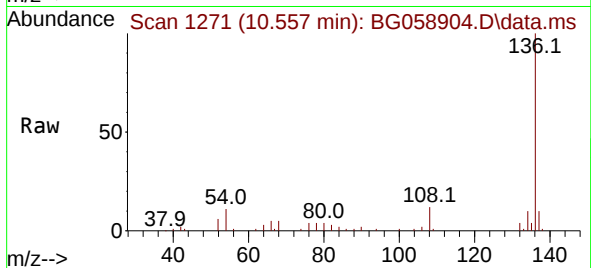
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 11.1 10.1 15.1

68 4.7 5.2 7.8#



#23

Nitrobenzene-d5

Concen: 103.918 ng

RT: 8.924 min Scan# 993

Delta R.T. -0.004 min

Lab File: BG058904.D

Acq: 30 Aug 2023 20:47

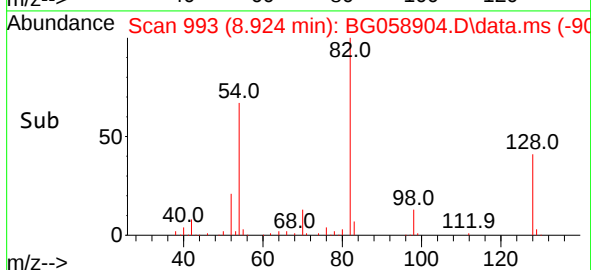
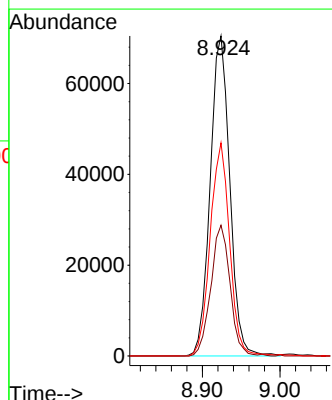
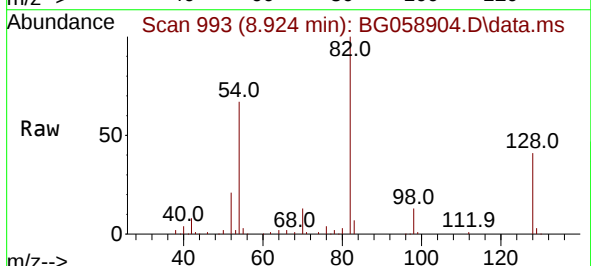
Tgt Ion: 82 Resp: 124048

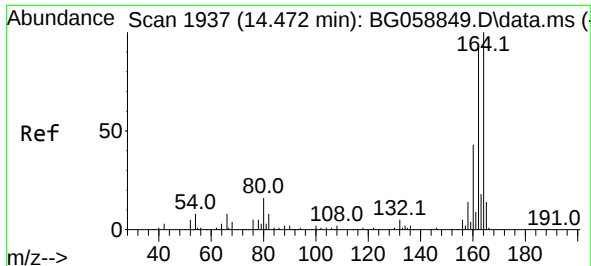
Ion Ratio Lower Upper

82 100

128 40.9 33.2 49.8

54 66.6 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: BG058904.D

Acq: 30 Aug 2023 20:47

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-04

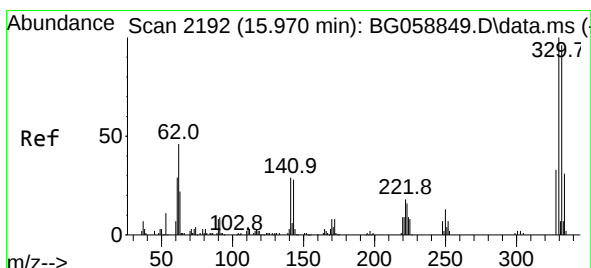
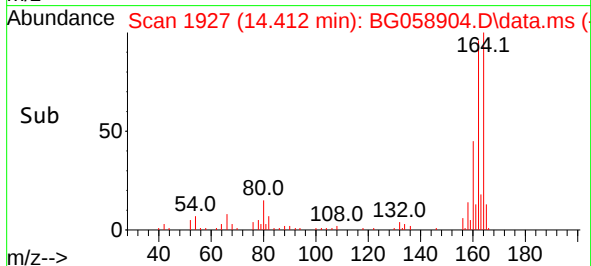
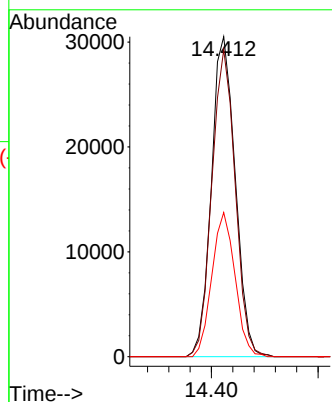
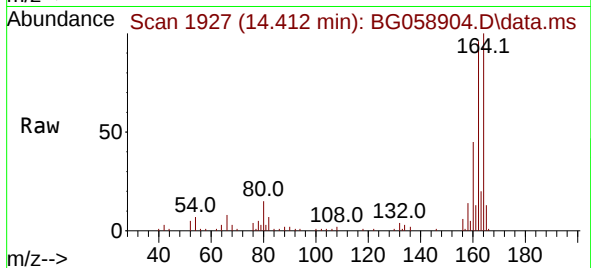
Tgt Ion:164 Resp: 47320

Ion Ratio Lower Upper

164 100

162 95.9 79.6 119.4

160 45.0 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 159.918 ng

RT: 15.910 min Scan# 2182

Delta R.T. -0.004 min

Lab File: BG058904.D

Acq: 30 Aug 2023 20:47

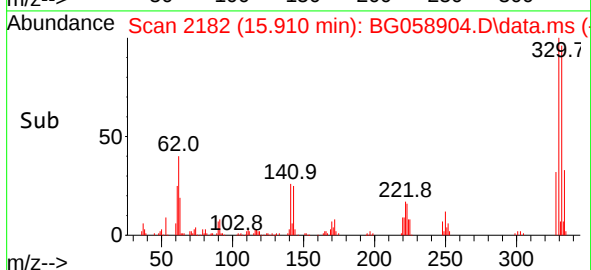
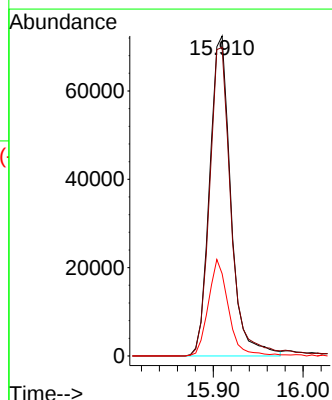
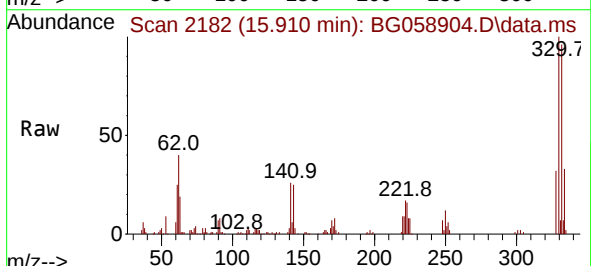
Tgt Ion:330 Resp: 118654

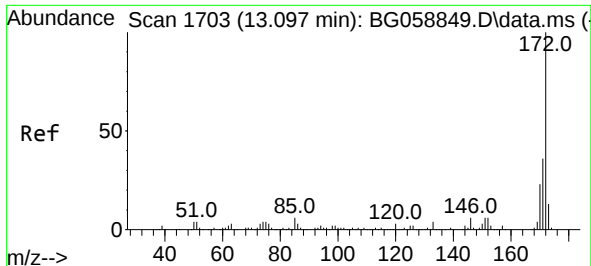
Ion Ratio Lower Upper

330 100

332 98.6 78.5 117.7

141 28.8 23.0 34.6

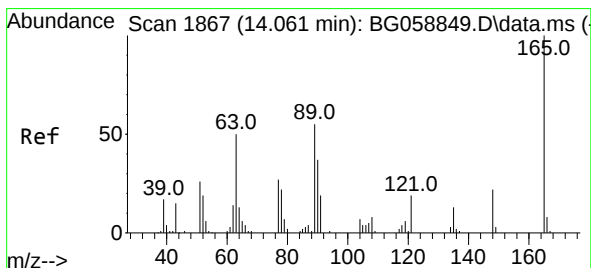
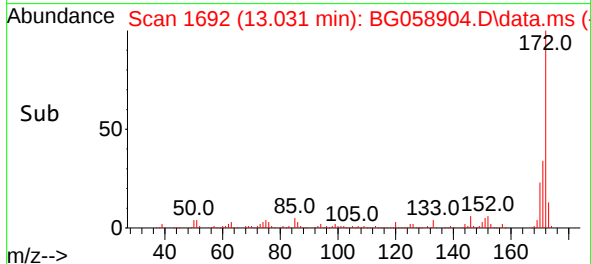
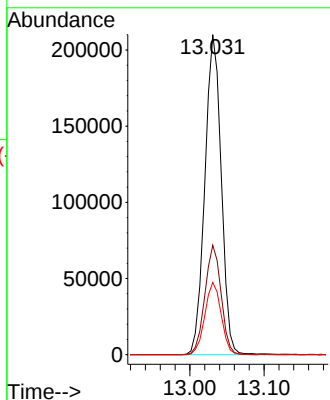
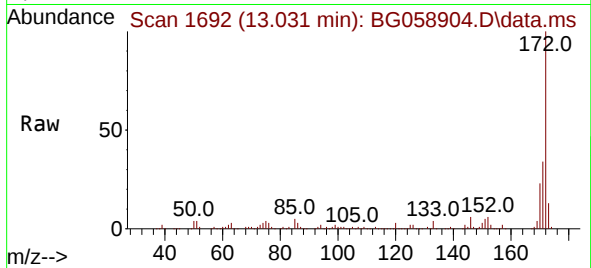




#45
2-Fluorobiphenyl
Concen: 99.151 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

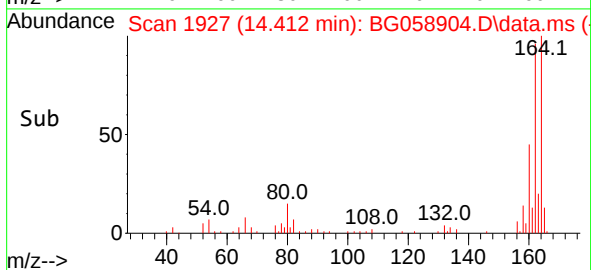
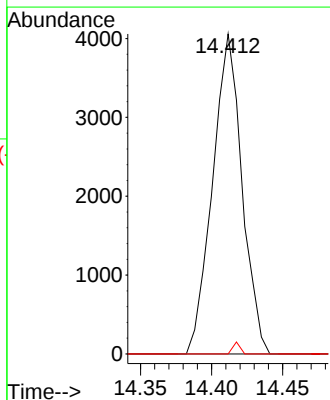
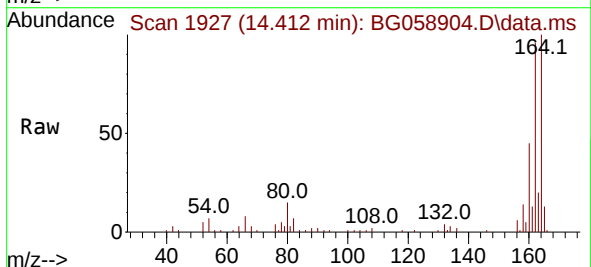
Instrument :
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OR-345-COMP-04

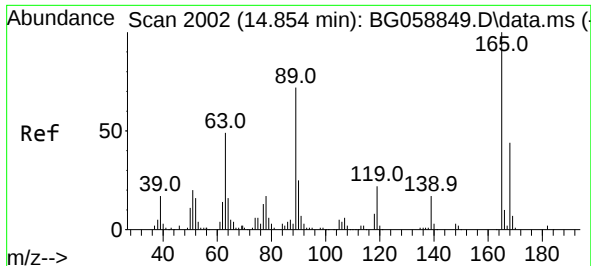
Tgt Ion:172 Resp: 322583
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.595 ng
RT: 14.412 min Scan# 1927
Delta R.T. 0.407 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

Tgt Ion:165 Resp: 5846
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: 5.445 ng

RT: 14.412 min Scan# 1927

Delta R.T. -0.386 min

Lab File: BG058904.D

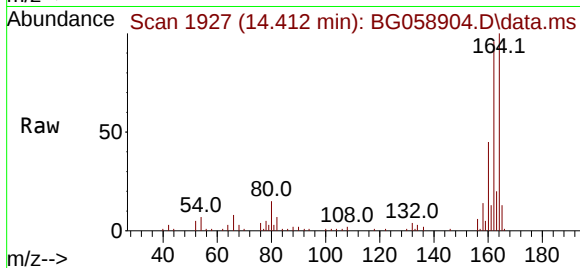
Acq: 30 Aug 2023 20:47

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-04



Tgt Ion:165 Resp: 5846

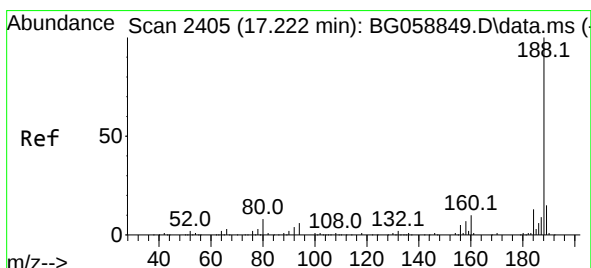
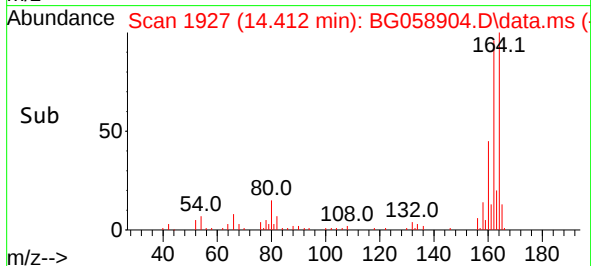
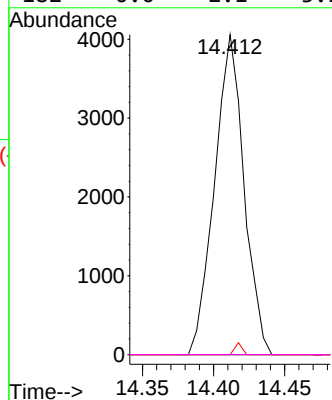
Ion Ratio Lower Upper

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: 17.161 min Scan# 2395

Delta R.T. -0.004 min

Lab File: BG058904.D

Acq: 30 Aug 2023 20:47

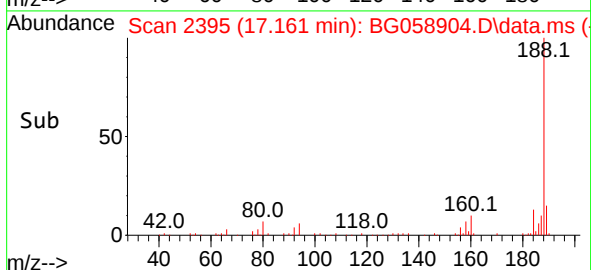
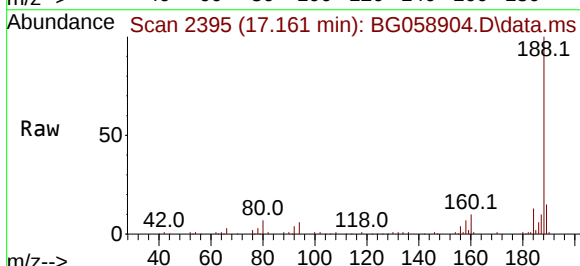
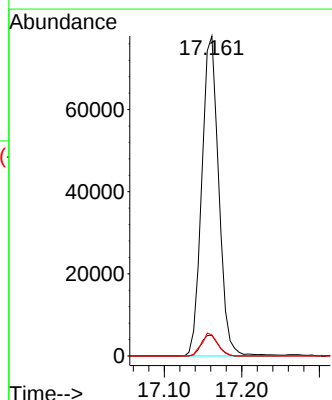
Tgt Ion:188 Resp: 118162

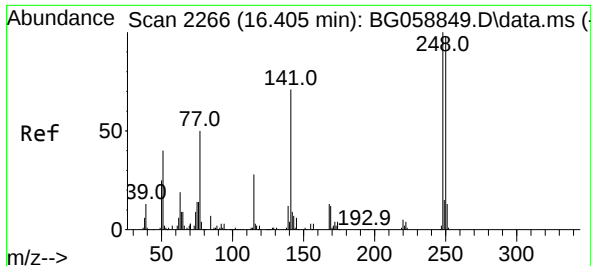
Ion Ratio Lower Upper

188 100

94 6.4 6.1 9.1

80 6.6 6.9 10.3#

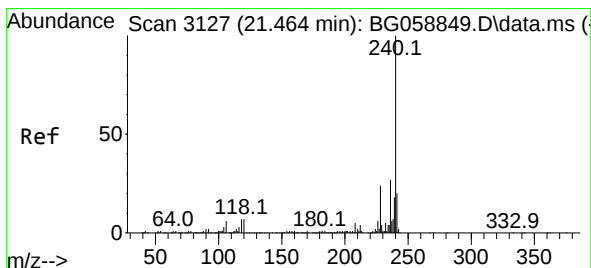
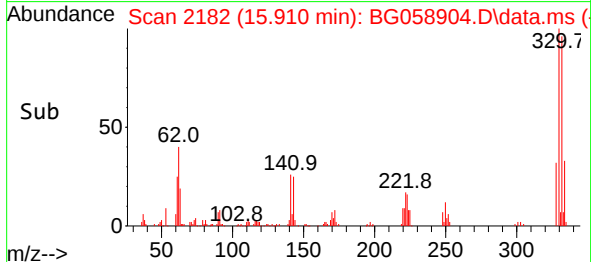
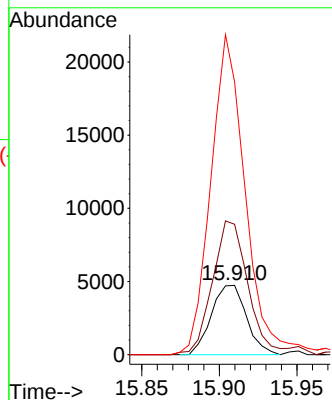
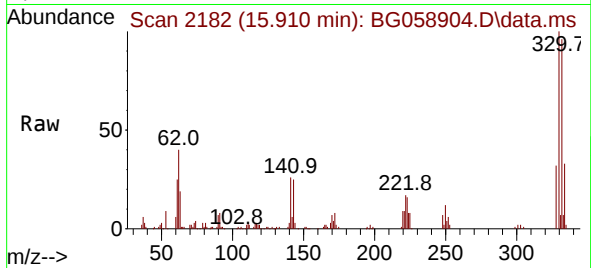




#67
4-Bromophenyl-phenylether
Concen: 5.742 ng
RT: 15.910 min Scan# 2116
Delta R.T. -0.445 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

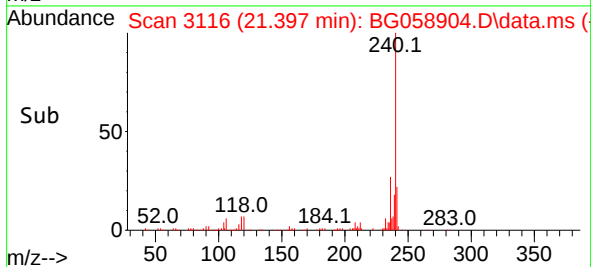
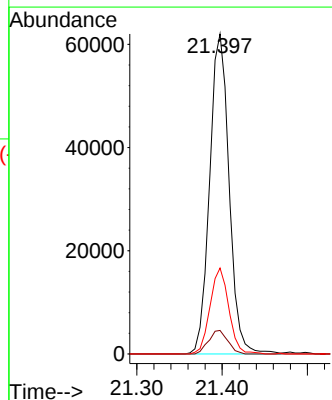
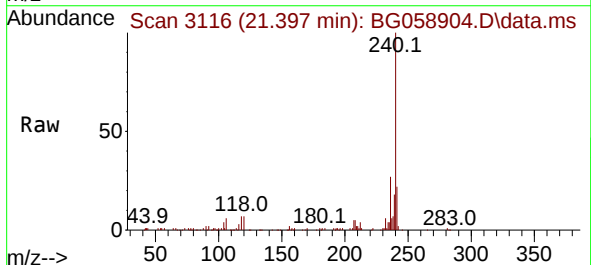
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-04

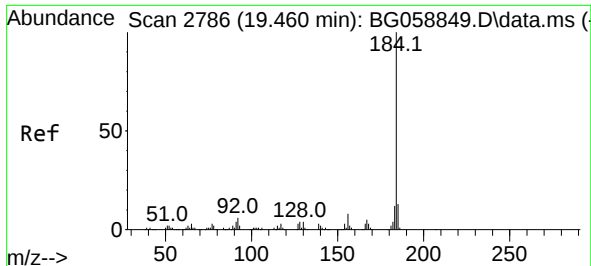
Tgt Ion:248 Resp: 7446
Ion Ratio Lower Upper
248 100
250 188.1 77.7 116.5#
141 393.6 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3116
Delta R.T. -0.010 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

Tgt Ion:240 Resp: 98260
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.2
236 26.8 20.5 30.7

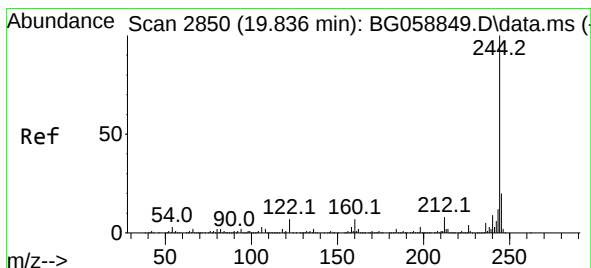
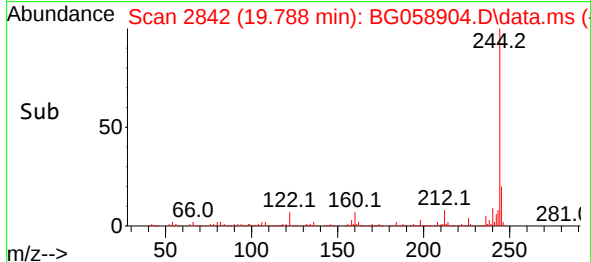
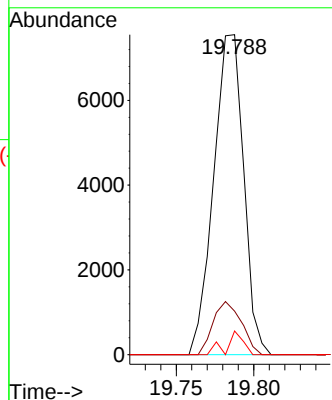
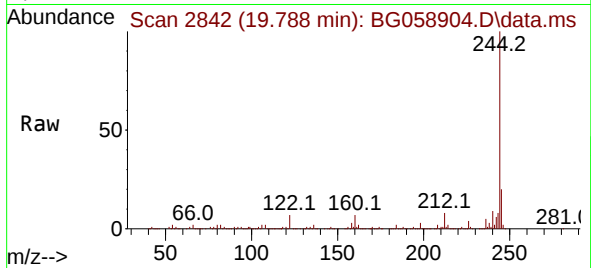




#77
Benzidine
Concen: 5.764 ng
RT: 19.788 min Scan# 2842
Delta R.T. 0.378 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

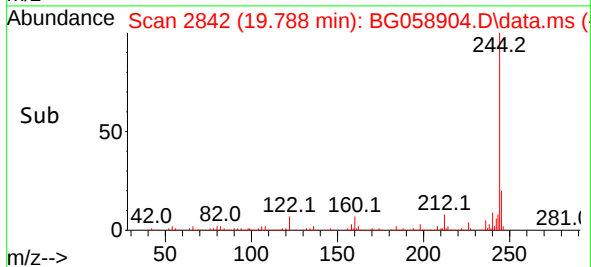
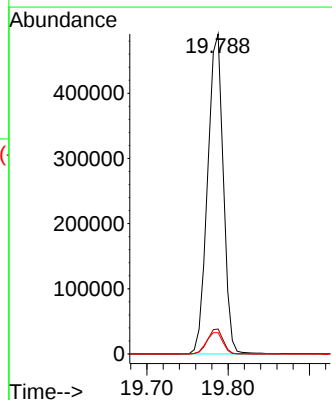
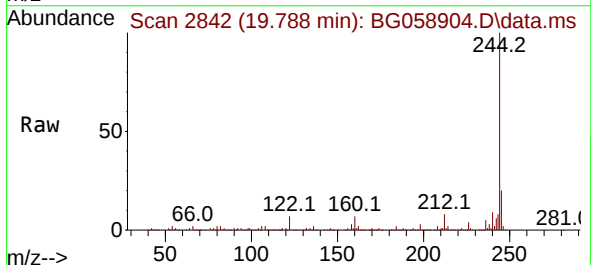
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-04

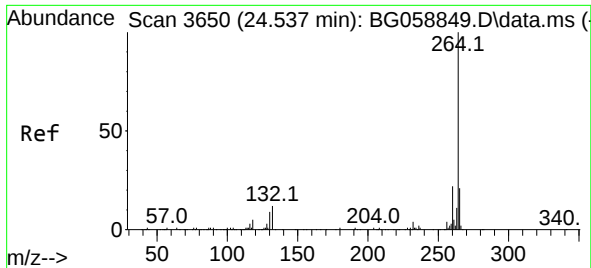
Tgt Ion:184 Resp: 10151
Ion Ratio Lower Upper
184 100
185 13.6 11.9 17.9
183 7.4 10.0 15.0#



#79
Terphenyl-d14
Concen: 120.086 ng
RT: 19.788 min Scan# 2842
Delta R.T. -0.004 min
Lab File: BG058904.D
Acq: 30 Aug 2023 20:47

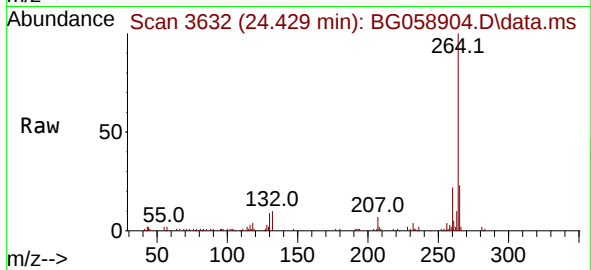
Tgt Ion:244 Resp: 657147
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 6.7 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.429 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG058904.D
 Acq: 30 Aug 2023 20:47

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-04



Tgt Ion:264 Resp: 114642
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.2
 265 22.6 16.4 24.6

