

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058906.D
 Acq On : 30 Aug 2023 22:09
 Operator : MA/JU
 Sample : 04197-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-20

Quant Time: Aug 31 01:41:49 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)

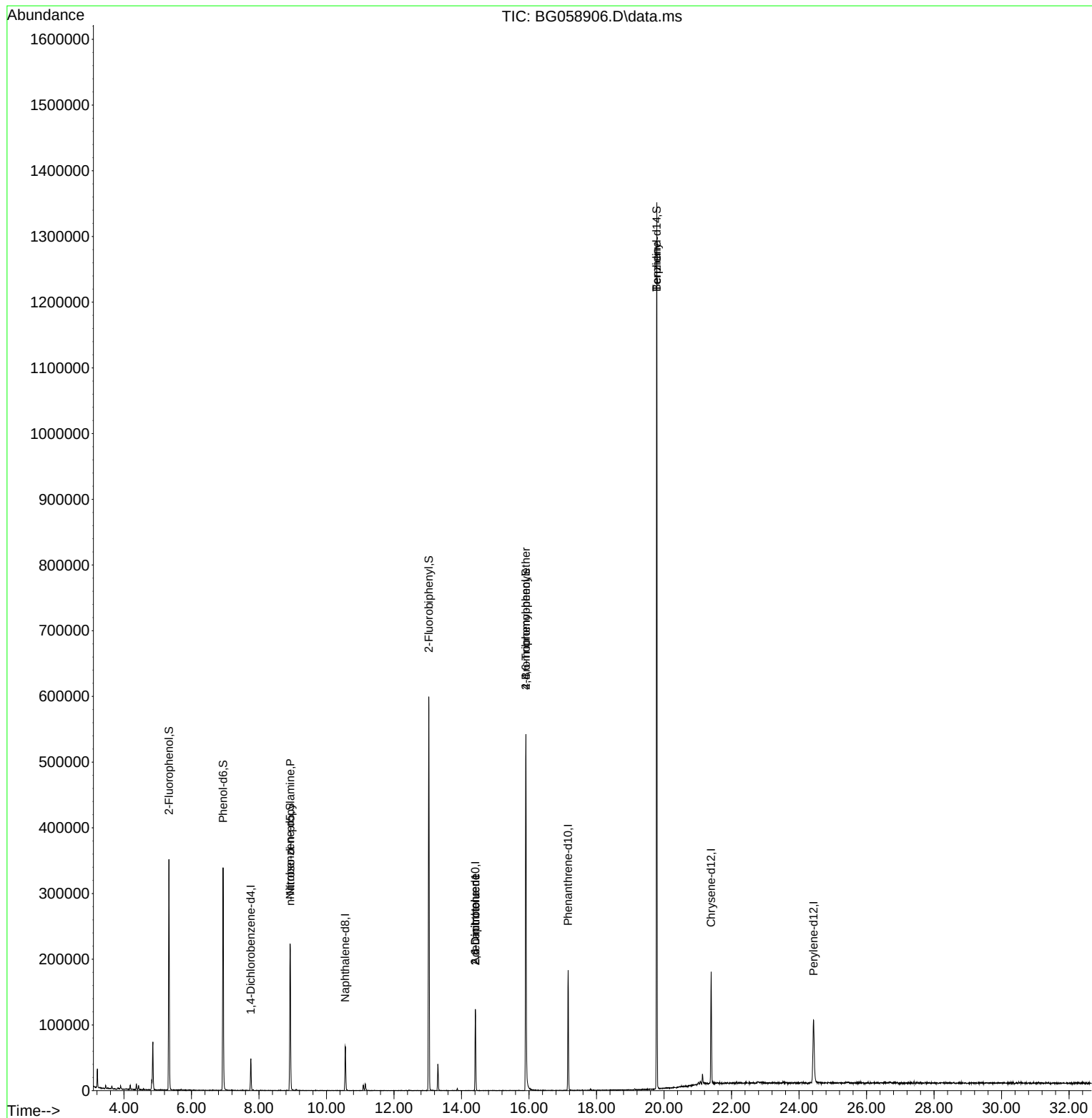
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	13094	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	56033	20.000	ng	# 0.00
39) Acenaphthene-d10	14.409	164	46134	20.000	ng	0.00
64) Phenanthrene-d10	17.159	188	119797	20.000	ng	0.00
76) Chrysene-d12	21.395	240	100333	20.000	ng	-0.01
86) Perylene-d12	24.433	264	118014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.332	112	135541	166.580	ng	0.00
7) Phenol-d6	6.936	99	179025	156.821	ng	0.00
23) Nitrobenzene-d5	8.922	82	128474	110.234	ng	0.00
42) 2,4,6-Tribromophenol	15.908	330	126738	175.204	ng	0.00
45) 2-Fluorobiphenyl	13.029	172	328603	103.598	ng	0.00
79) Terphenyl-d14	19.786	244	678540	121.434	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.928	70	17229	23.348	ng	# 70
51) 2,6-Dinitrotoluene	14.409	165	5974	7.961	ng	# 22
57) 2,4-Dinitrotoluene	14.409	165	5974	5.707	ng	# 19
67) 4-Bromophenyl-phenylether	15.908	248	7498	5.704	ng	# 1
77) Benzidine	19.786	184	9839	5.472	ng	# 92

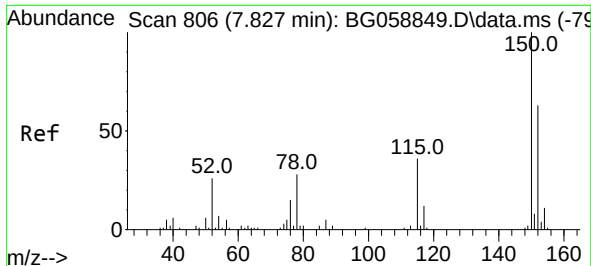
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
Data File : BG058906.D
Acq On : 30 Aug 2023 22:09
Operator : MA/JU
Sample : 04197-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-20

Quant Time: Aug 31 01:41:49 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

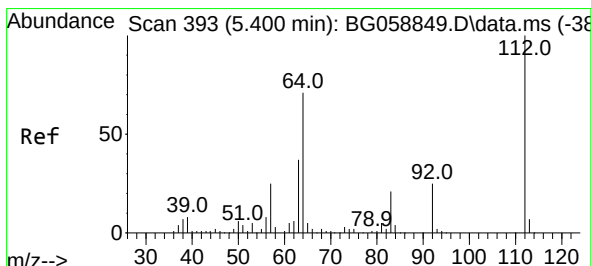
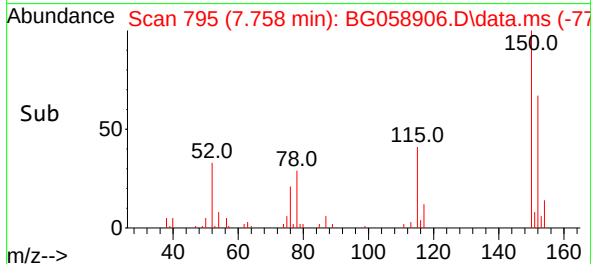
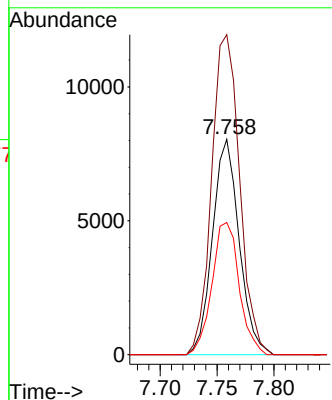
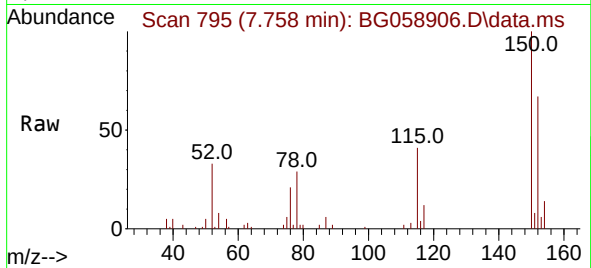




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

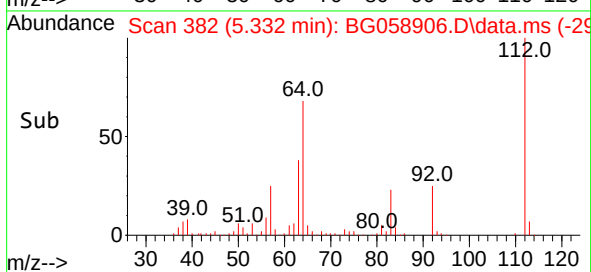
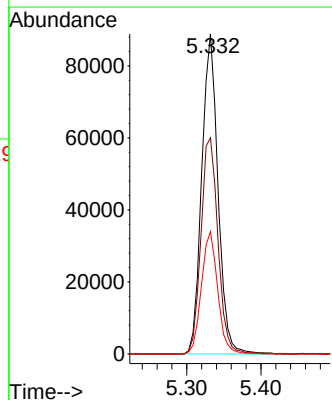
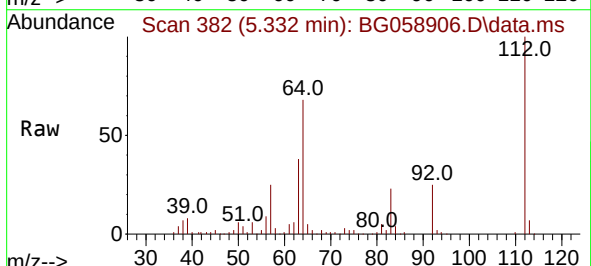
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-20

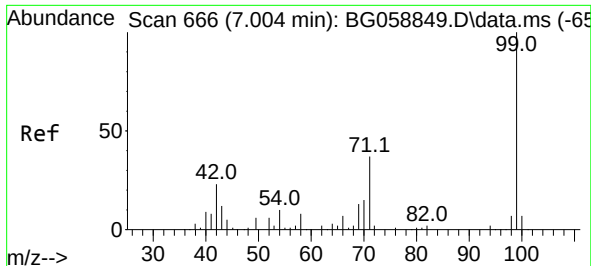
Tgt Ion:152 Resp: 13094
Ion Ratio Lower Upper
152 100
150 148.6 128.6 192.8
115 61.3 50.4 75.6



#5
2-Fluorophenol
Concen: 166.580 ng
RT: 5.332 min Scan# 382
Delta R.T. 0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion:112 Resp: 135541
Ion Ratio Lower Upper
112 100
64 67.5 60.6 90.8
63 38.2 31.0 46.4

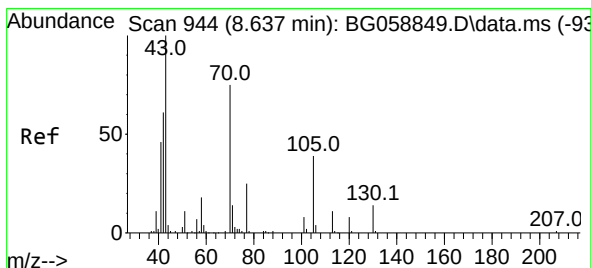
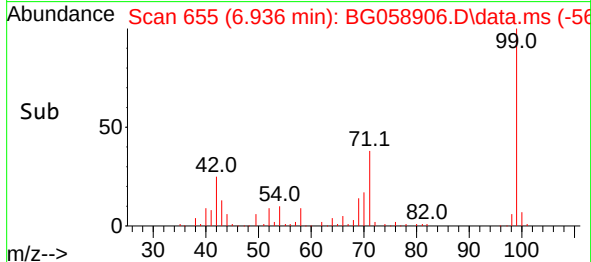
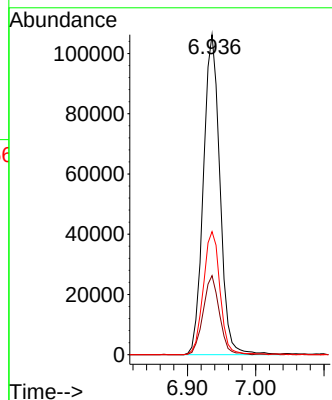
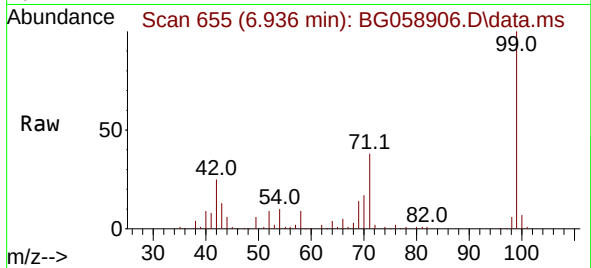




#7
Phenol-d6
Concen: 156.821 ng
RT: 6.936 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

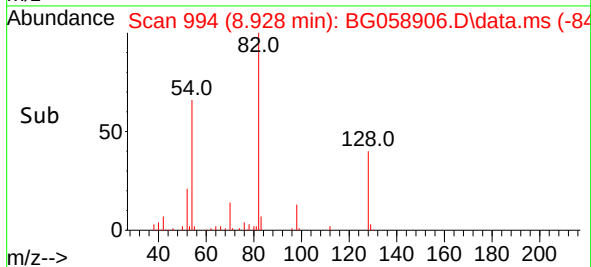
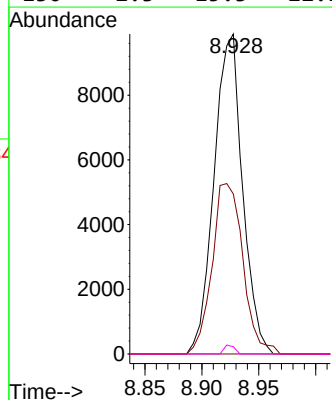
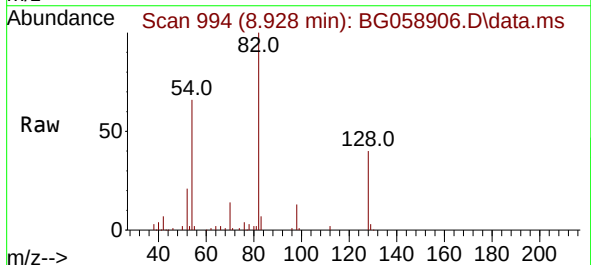
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-20

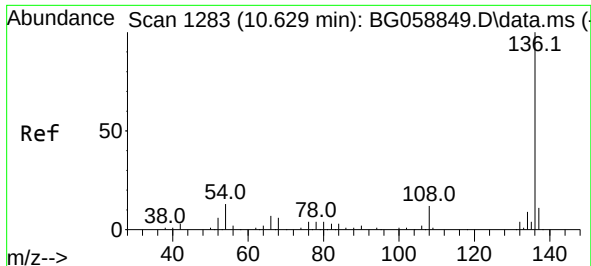
Tgt Ion: 99 Resp: 179025
Ion Ratio Lower Upper
99 100
42 24.7 16.5 24.7
71 38.5 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 23.348 ng
RT: 8.928 min Scan# 994
Delta R.T. 0.358 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion: 70 Resp: 17229
Ion Ratio Lower Upper
70 100
42 50.0 59.2 88.8#
101 0.0 8.2 12.2#
130 2.3 15.3 22.9#

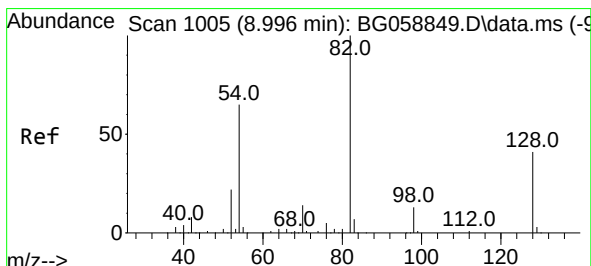
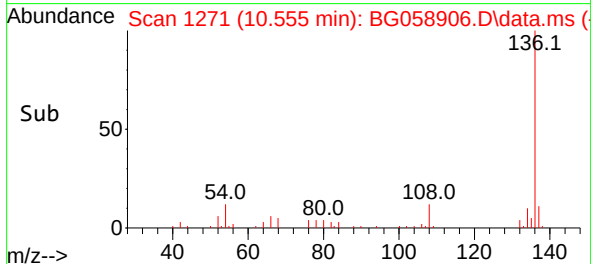
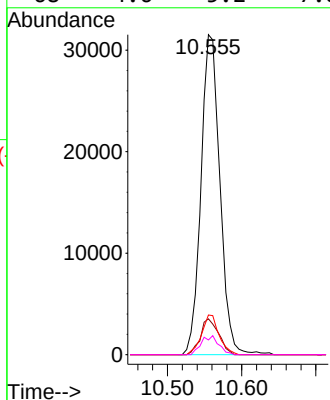
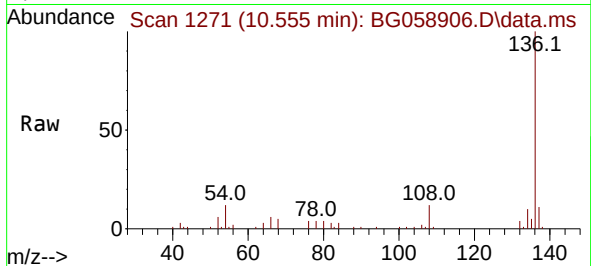




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

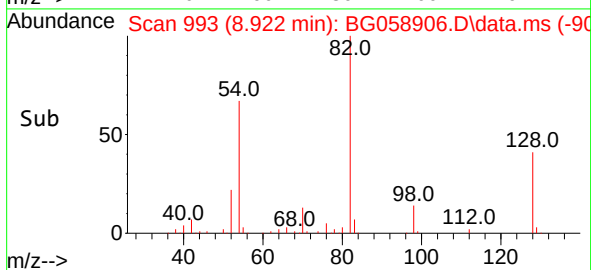
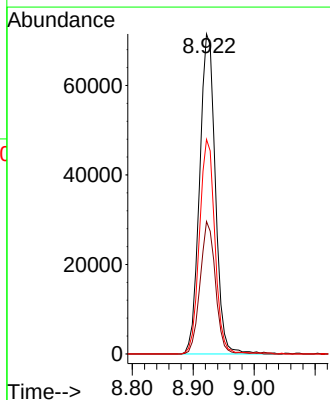
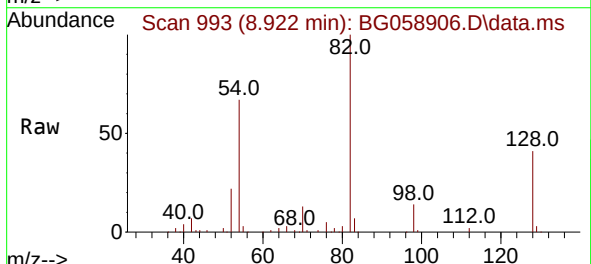
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-20

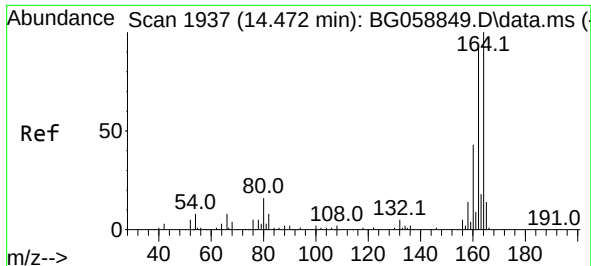
Tgt Ion:136 Resp: 56033
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 12.4 10.1 15.1
68 4.6 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 110.234 ng
RT: 8.922 min Scan# 993
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion: 82 Resp: 128474
Ion Ratio Lower Upper
82 100
128 41.4 33.2 49.8
54 67.0 51.2 76.8

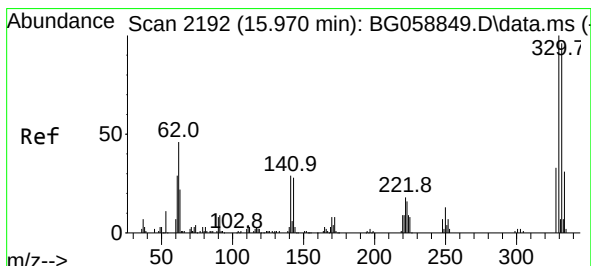
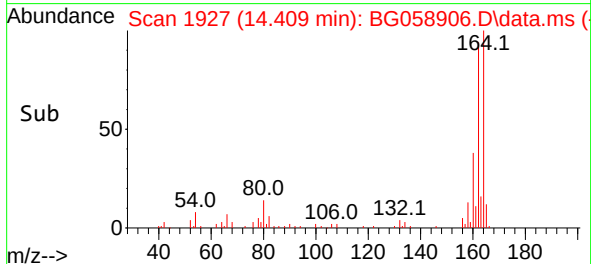
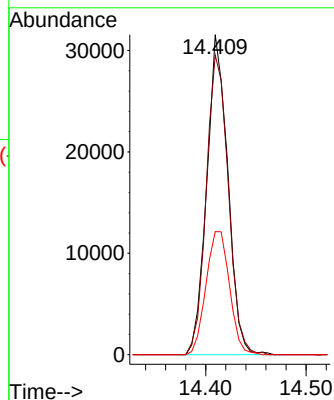
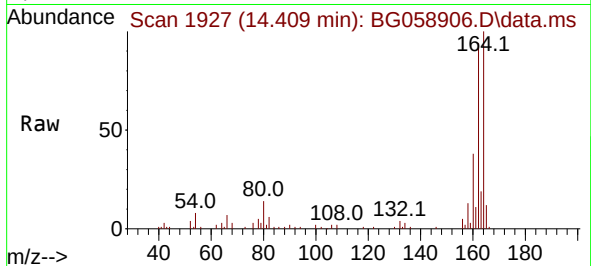




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.409 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

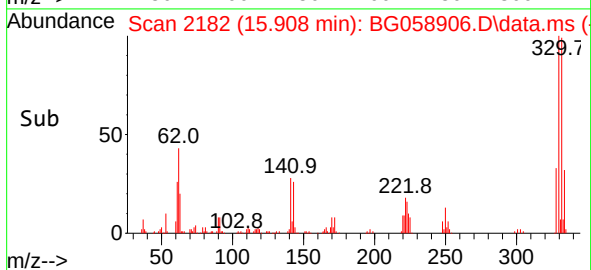
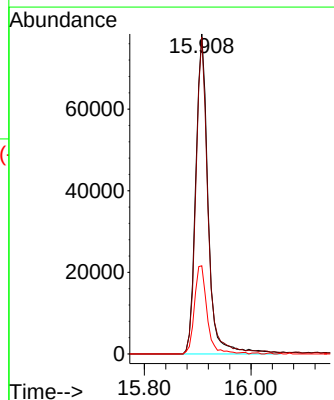
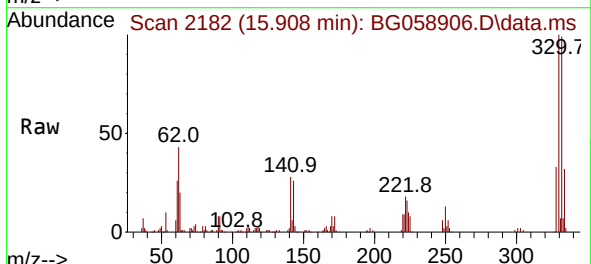
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-20

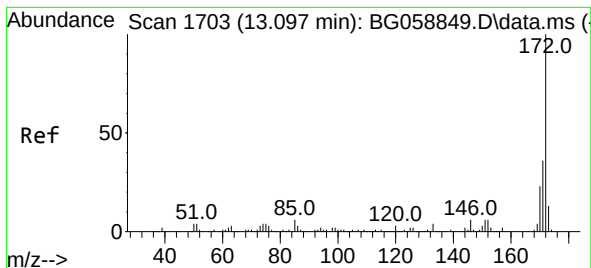
Tgt Ion:164 Resp: 46134
Ion Ratio Lower Upper
164 100
162 93.6 79.6 119.4
160 38.5 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 175.204 ng
RT: 15.908 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion:330 Resp: 126738
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 28.0 23.0 34.6

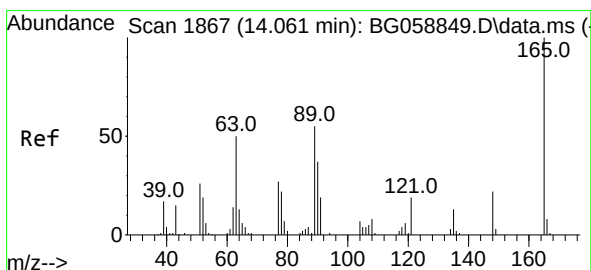
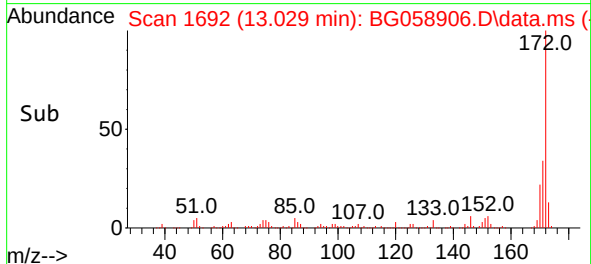
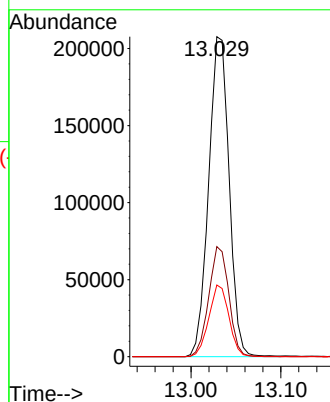
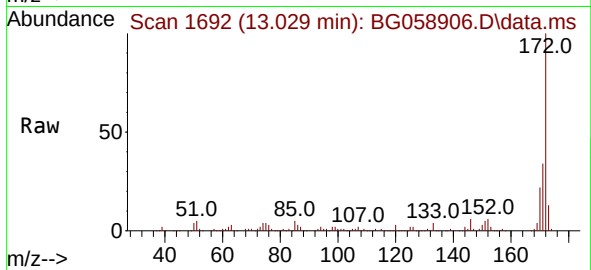




#45
2-Fluorobiphenyl
Concen: 103.598 ng
RT: 13.029 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

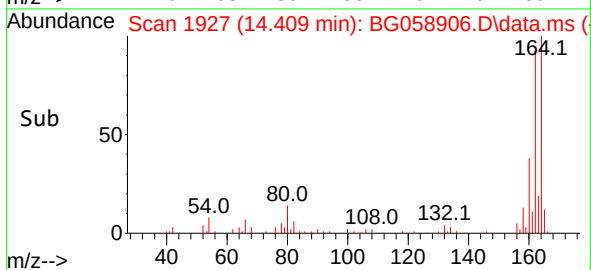
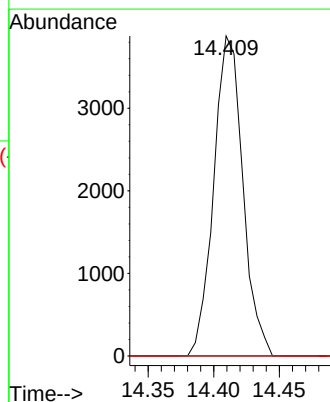
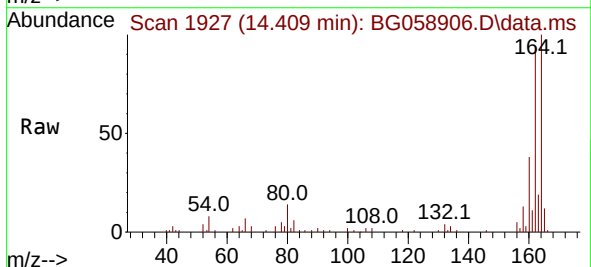
Instrument :
BNA_G
ClientSampleId :
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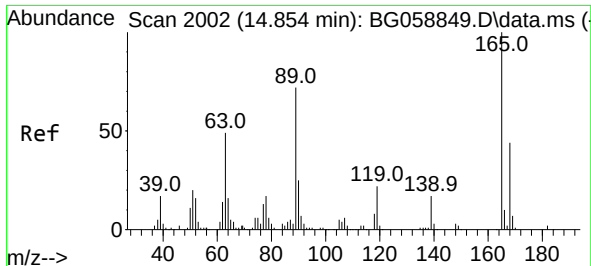
Tgt Ion:172 Resp: 328603
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.961 ng
RT: 14.409 min Scan# 1927
Delta R.T. 0.405 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

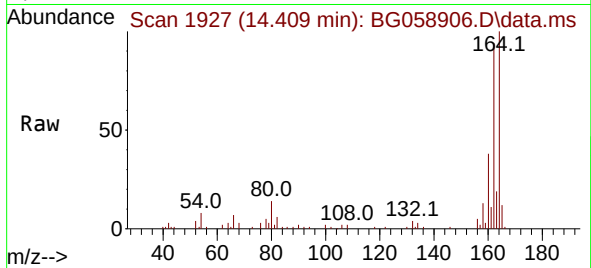
Tgt Ion:165 Resp: 5974
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



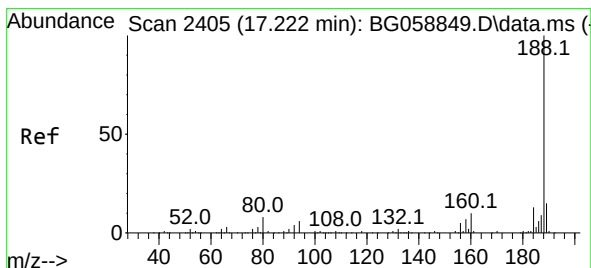
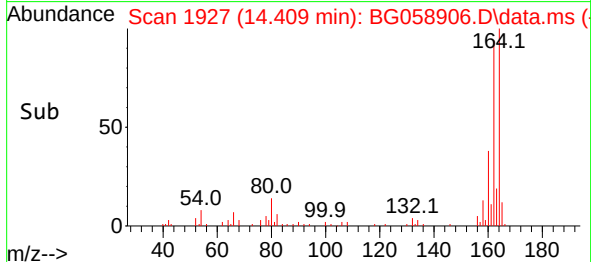
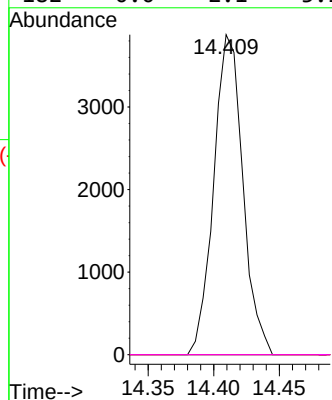


#57
2,4-Dinitrotoluene
Concen: 5.707 ng
RT: 14.409 min Scan# 11
Delta R.T. -0.388 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-20

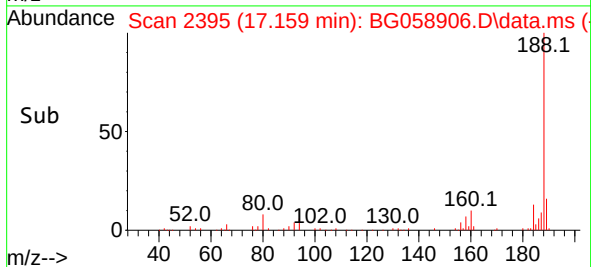
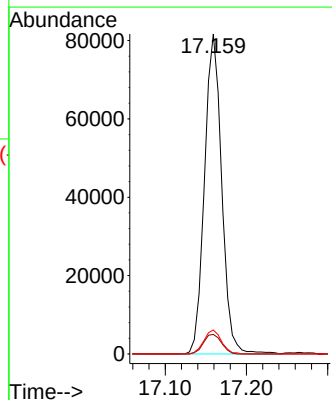
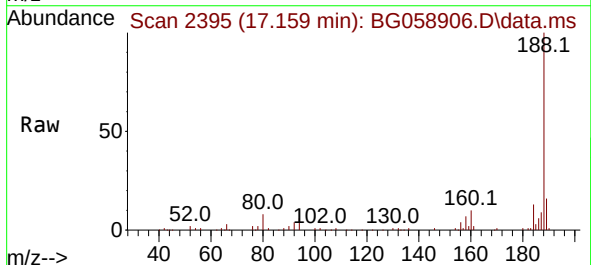


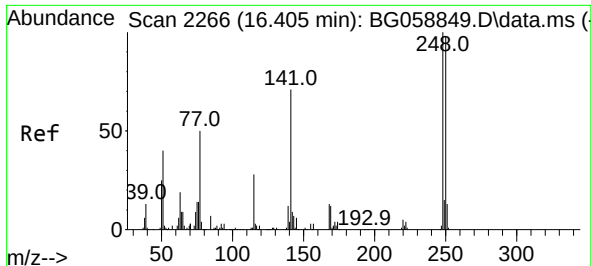
Tgt Ion:165	Resp:	5974
Ion	Ratio	Lower Upper
165	100	
63	0.0	41.8 62.6#
89	0.0	60.7 91.1#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.159 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion:188	Resp:	119797
Ion	Ratio	Lower Upper
188	100	
94	6.1	6.1 9.1
80	7.5	6.9 10.3





#67

4-Bromophenyl-phenylether

Concen: 5.704 ng

RT: 15.908 min Scan# 2116

Delta R.T. -0.447 min

Lab File: BG058906.D

Acq: 30 Aug 2023 22:09

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-20

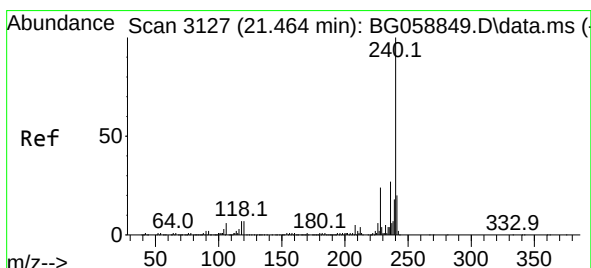
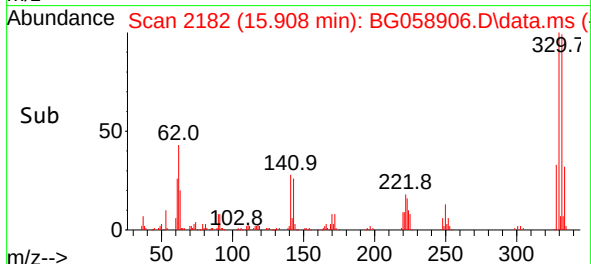
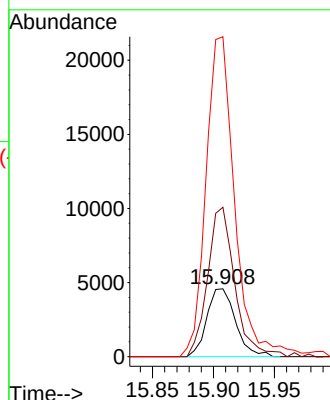
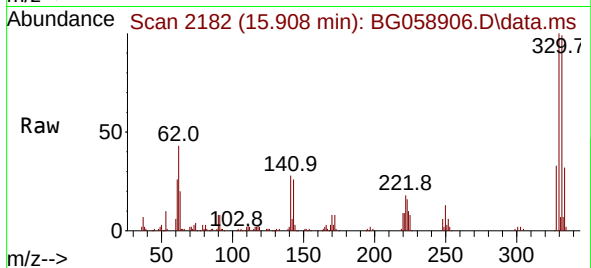
Tgt Ion:248 Resp: 7498

Ion Ratio Lower Upper

248 100

250 220.0 77.7 116.5#

141 471.1 53.6 80.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.395 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BG058906.D

Acq: 30 Aug 2023 22:09

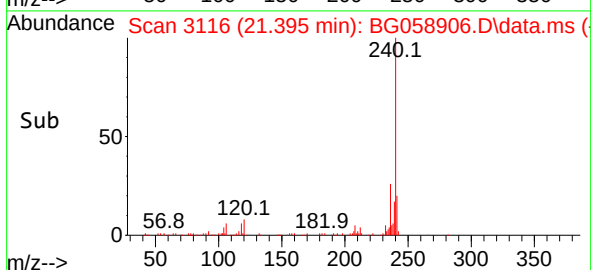
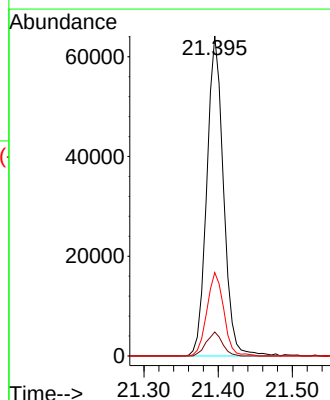
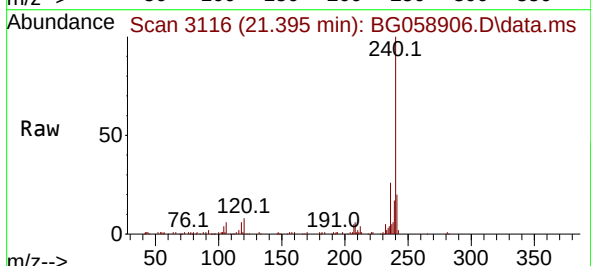
Tgt Ion:240 Resp: 100333

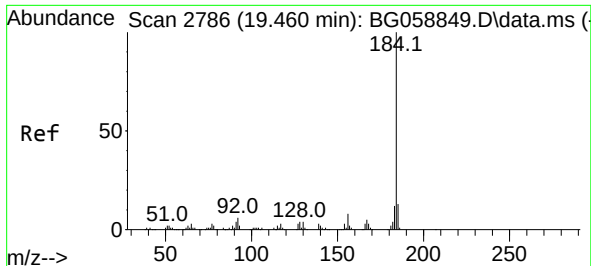
Ion Ratio Lower Upper

240 100

120 7.5 6.2 9.2

236 26.1 20.5 30.7

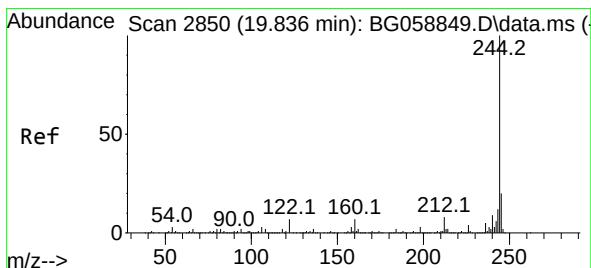
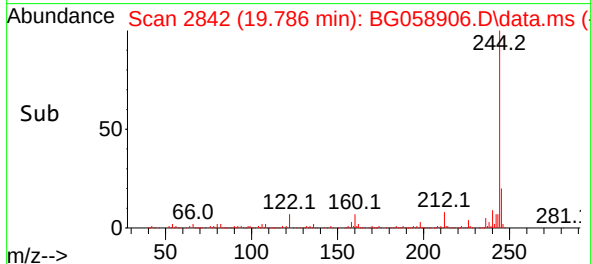
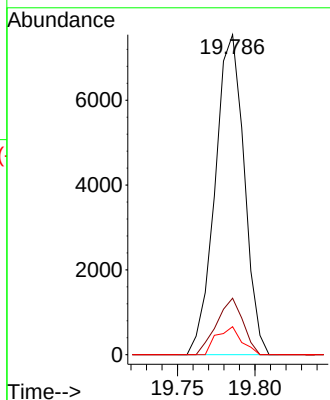
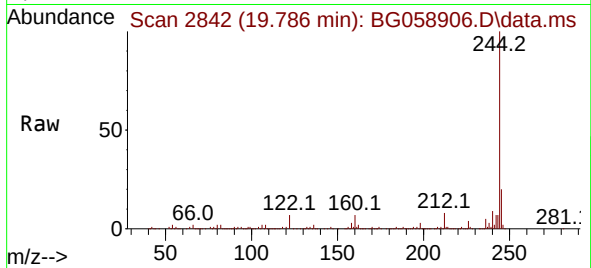




#77
Benzidine
Concen: 5.472 ng
RT: 19.786 min Scan# 2842
Delta R.T. 0.376 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

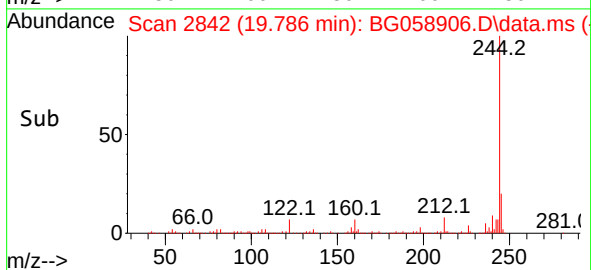
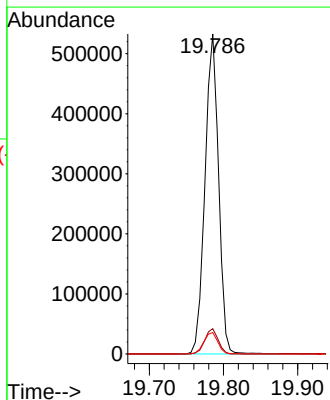
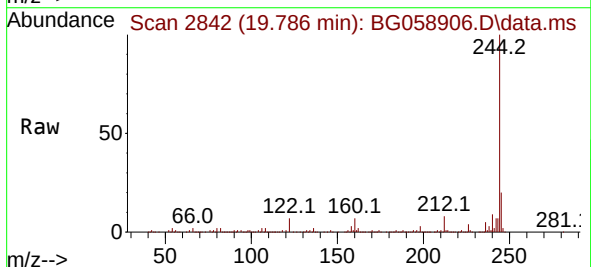
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-20

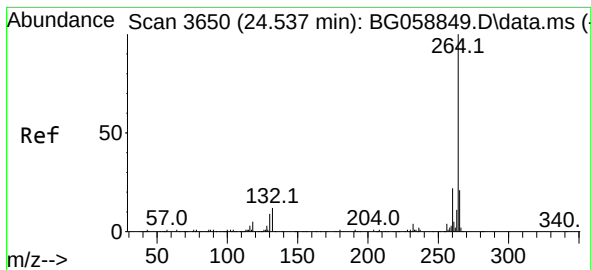
Tgt Ion:184 Resp: 9839
Ion Ratio Lower Upper
184 100
185 17.7 11.9 17.9
183 8.8 10.0 15.0#



#79
Terphenyl-d14
Concen: 121.434 ng
RT: 19.786 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BG058906.D
Acq: 30 Aug 2023 22:09

Tgt Ion:244 Resp: 678540
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 6.7 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.433 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG058906.D

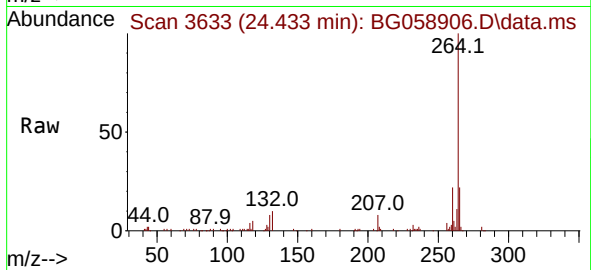
Acq: 30 Aug 2023 22:09

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-20



Tgt Ion:264 Resp: 118014

Ion Ratio Lower Upper

264 100

260 21.6 18.2 27.2

265 21.6 16.4 24.6

