

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058910.D
 Acq On : 31 Aug 2023 00:53
 Operator : MA/JU
 Sample : 04198-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-24

Quant Time: Aug 31 04:24:11 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)

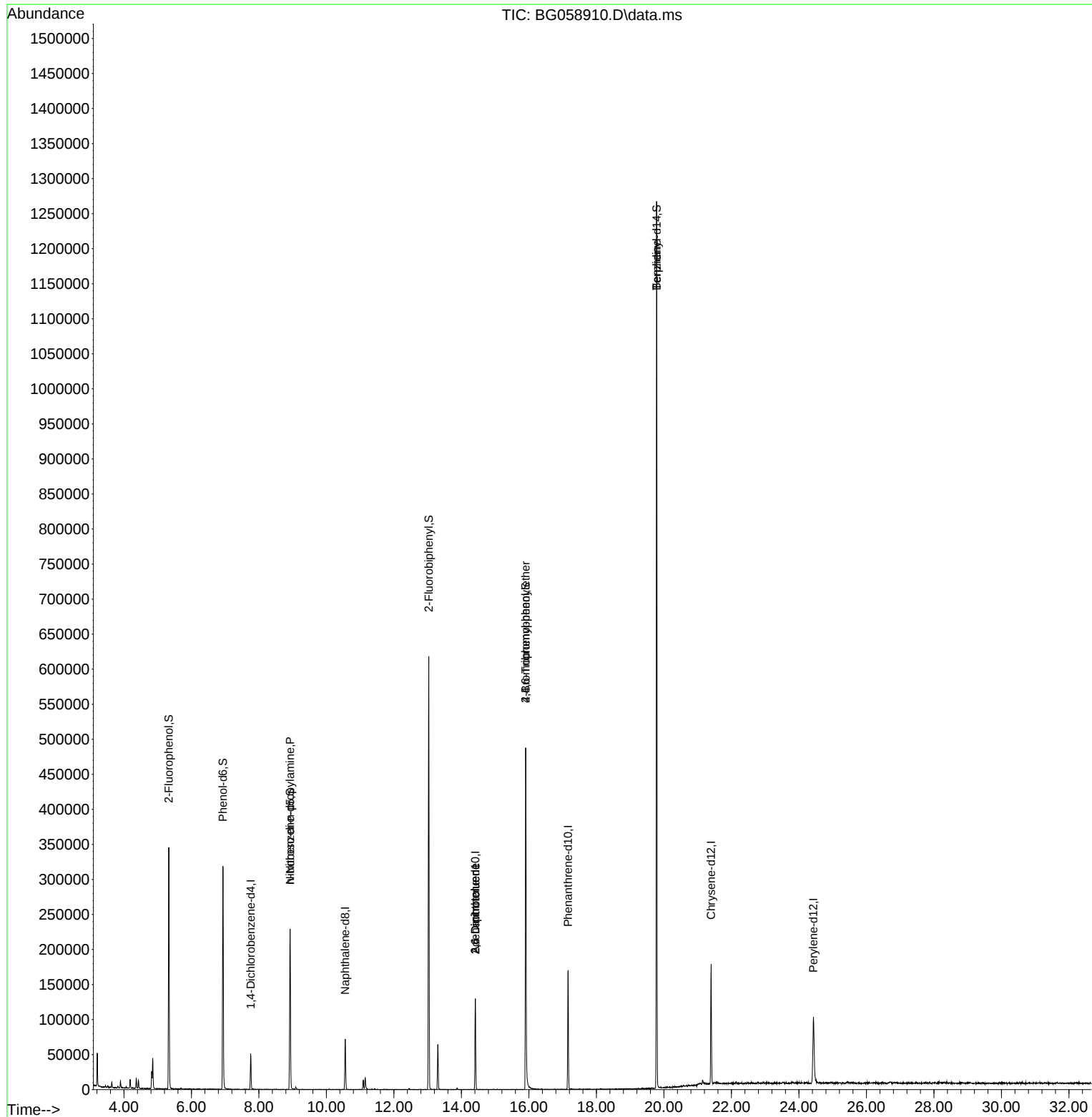
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	13889	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	61167	20.000	ng	0.00
39) Acenaphthene-d10	14.412	164	48322	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	116408	20.000	ng	0.00
76) Chrysene-d12	21.398	240	99691	20.000	ng	0.00
86) Perylene-d12	24.429	264	115486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	134333	155.646	ng	0.00
7) Phenol-d6	6.932	99	171752	141.839	ng	0.00
23) Nitrobenzene-d5	8.924	82	128975	101.375	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	114404	150.993	ng	0.00
45) 2-Fluorobiphenyl	13.031	172	325703	98.034	ng	0.00
79) Terphenyl-d14	19.782	244	646260	116.402	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.924	70	16938	21.639	ng	# 75
51) 2,6-Dinitrotoluene	14.412	165	6007	7.642	ng	# 22
57) 2,4-Dinitrotoluene	14.412	165	6007	5.479	ng	# 19
67) 4-Bromophenyl-phenylether	15.904	248	6757	5.290	ng	# 1
77) Benzidine	19.782	184	9612	5.380	ng	# 90

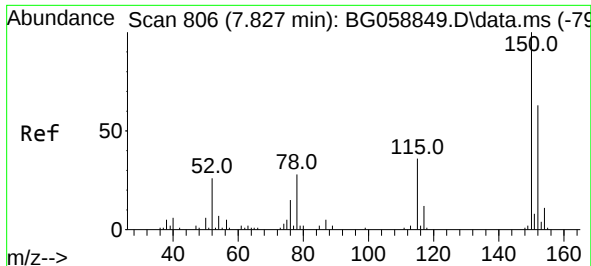
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
Data File : BG058910.D
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Misc :
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Instrument :
BNA_G
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OR-309-OK-370-COMP-24

Quant Time: Aug 31 04:24:11 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

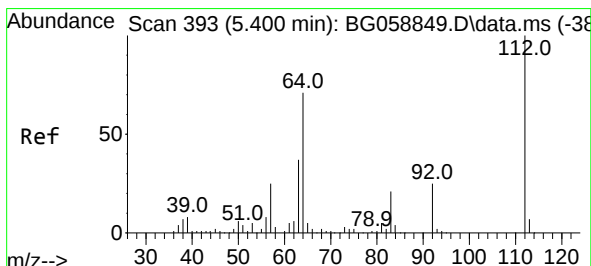
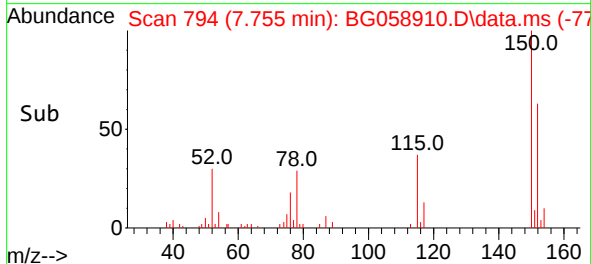
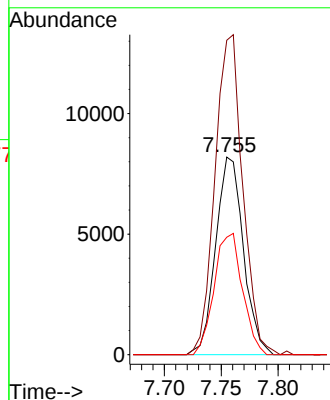
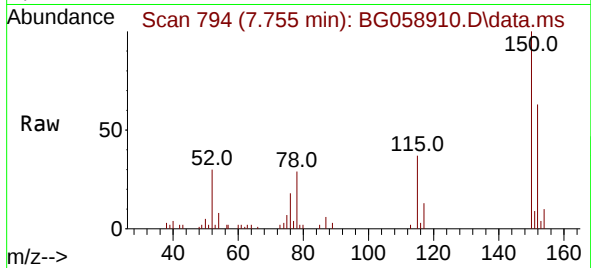




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.755 min Scan# 794
Delta R.T. -0.004 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

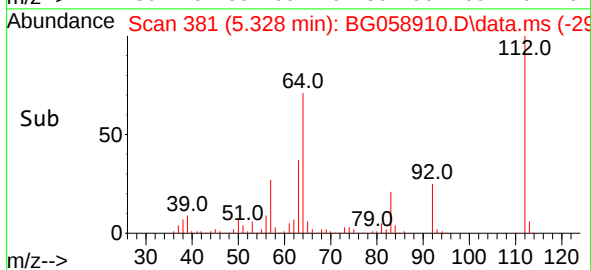
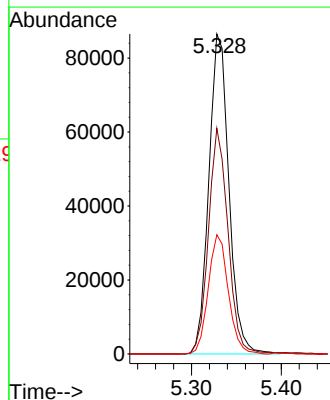
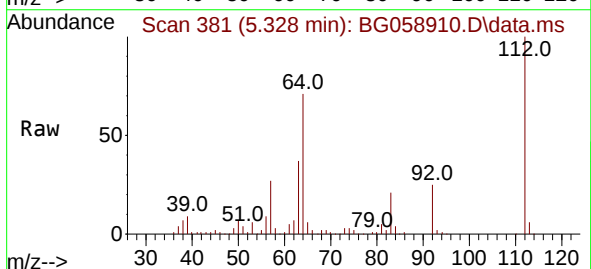
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-24

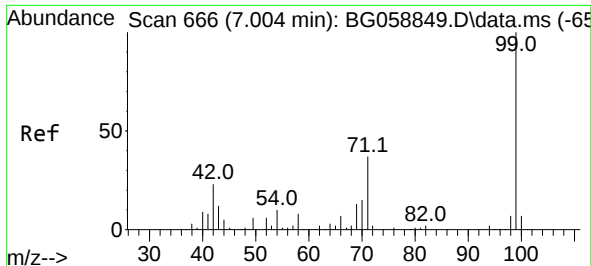
Tgt Ion:152 Resp: 13889
Ion Ratio Lower Upper
152 100
150 159.1 128.6 192.8
115 59.4 50.4 75.6



#5
2-Fluorophenol
Concen: 155.646 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.002 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

Tgt Ion:112 Resp: 134333
Ion Ratio Lower Upper
112 100
64 70.5 60.6 90.8
63 37.3 31.0 46.4

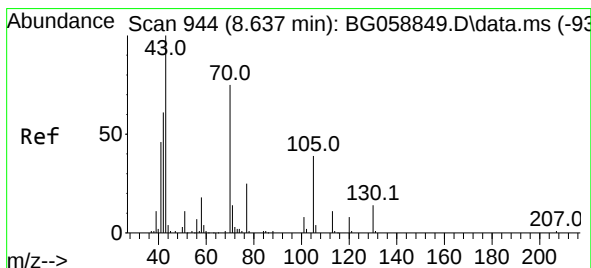
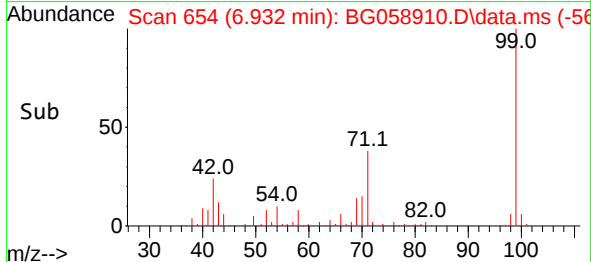
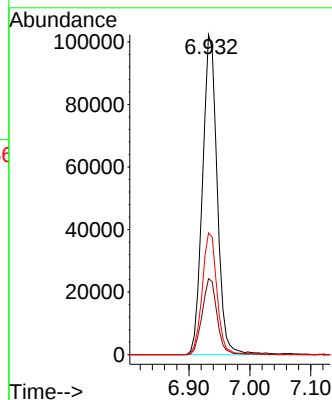
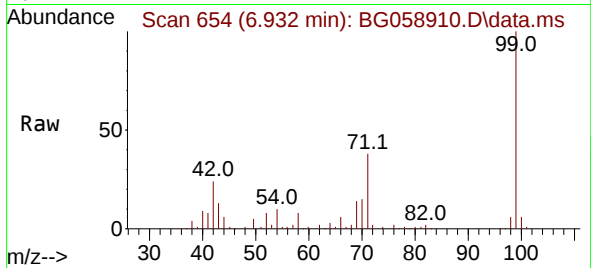




#7
Phenol-d6
Concen: 141.839 ng
RT: 6.932 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

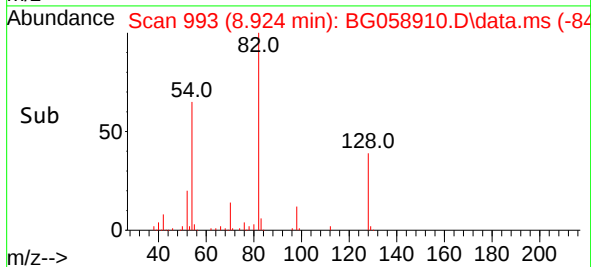
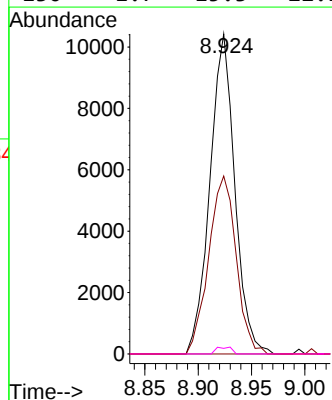
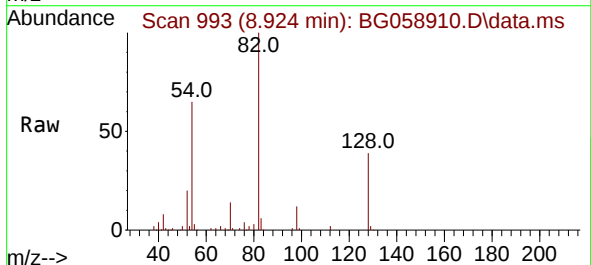
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-24

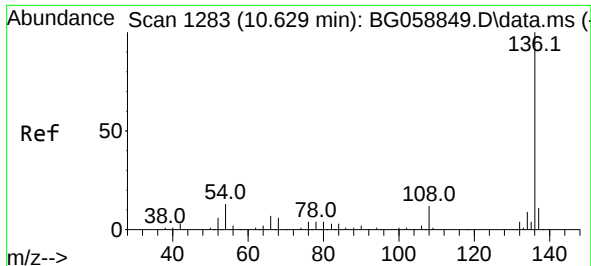
Tgt Ion: 99 Resp: 171752
Ion Ratio Lower Upper
99 100
42 23.7 16.5 24.7
71 38.1 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 21.639 ng
RT: 8.924 min Scan# 993
Delta R.T. 0.354 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

Tgt Ion: 70 Resp: 16938
Ion Ratio Lower Upper
70 100
42 55.6 59.2 88.8#
101 0.0 8.2 12.2#
130 1.7 15.3 22.9#

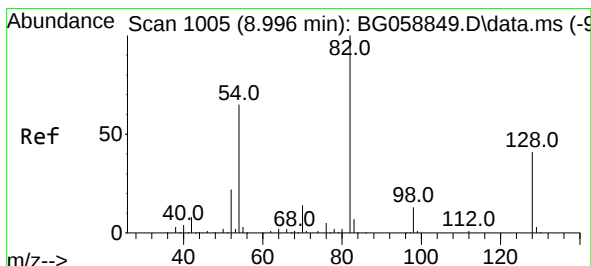
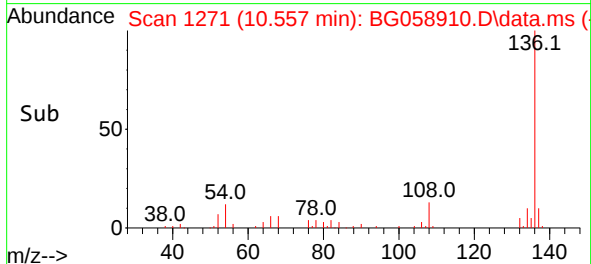
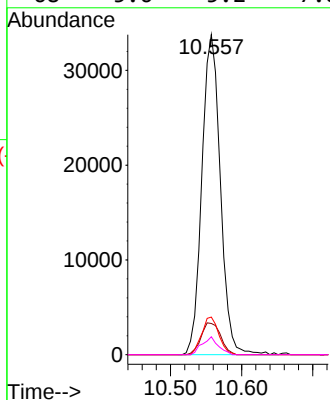
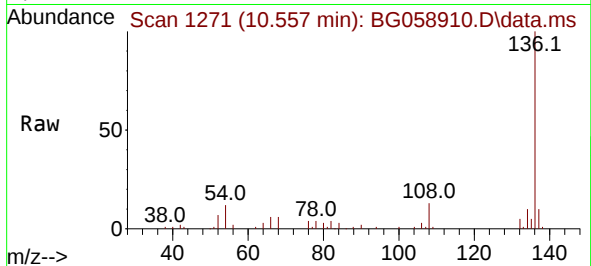




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

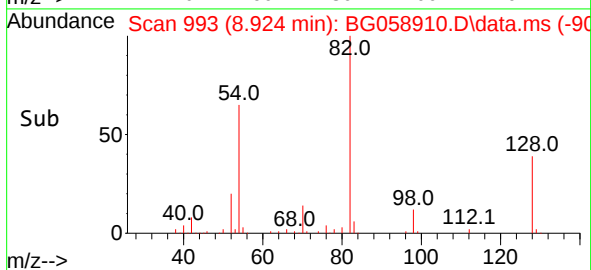
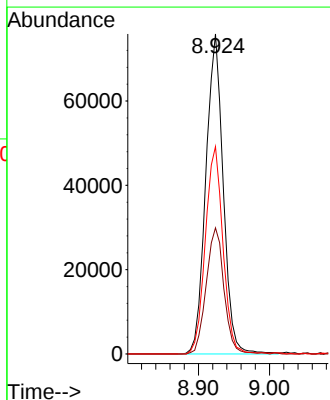
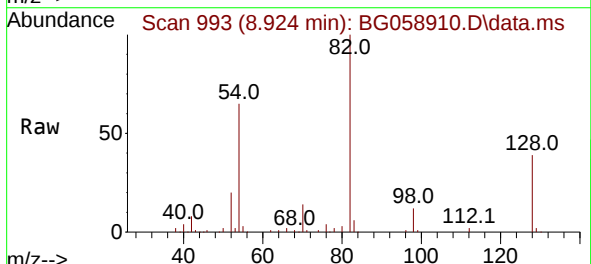
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-24

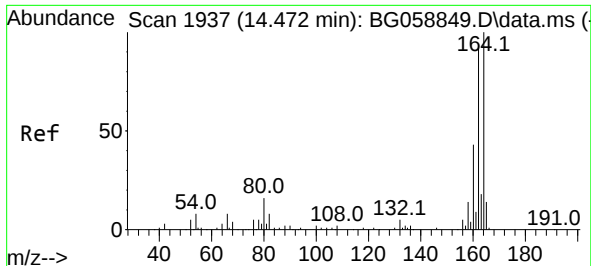
Tgt Ion:	136	Resp:	61167
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.7	13.1
54	11.8	10.1	15.1
68	5.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 101.375 ng
RT: 8.924 min Scan# 993
Delta R.T. -0.004 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

Tgt Ion:	82	Resp:	128975
Ion Ratio	Lower	Upper	
82	100		
128	39.4	33.2	49.8
54	64.8	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: BG058910.D

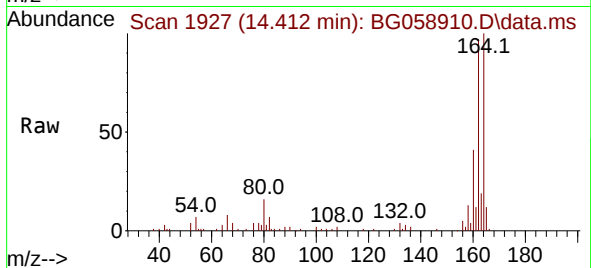
Acq: 31 Aug 2023 00:53

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-24



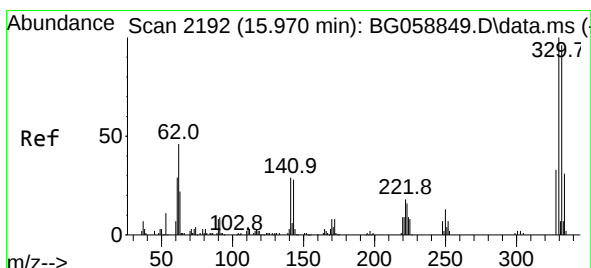
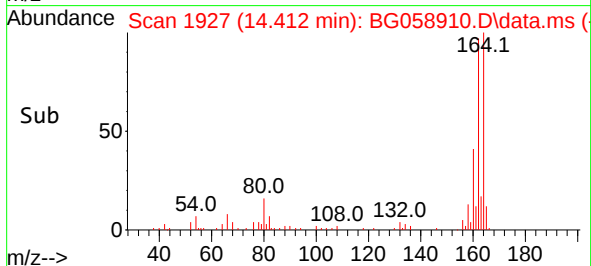
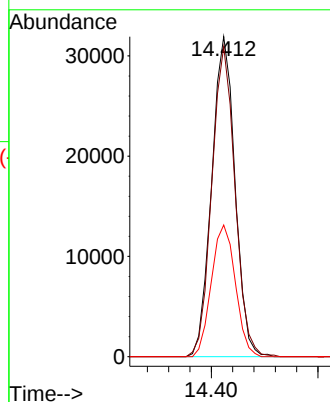
Tgt Ion:164 Resp: 48322

Ion Ratio Lower Upper

164 100

162 96.9 79.6 119.4

160 41.1 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 150.993 ng

RT: 15.904 min Scan# 2181

Delta R.T. -0.010 min

Lab File: BG058910.D

Acq: 31 Aug 2023 00:53

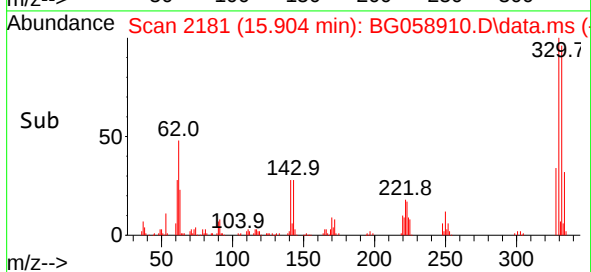
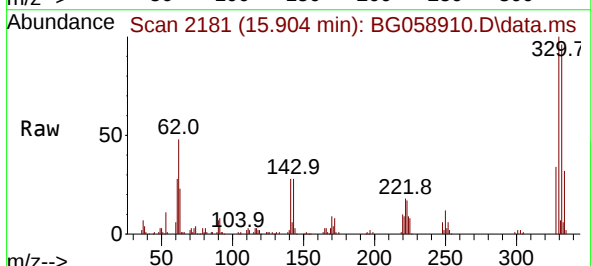
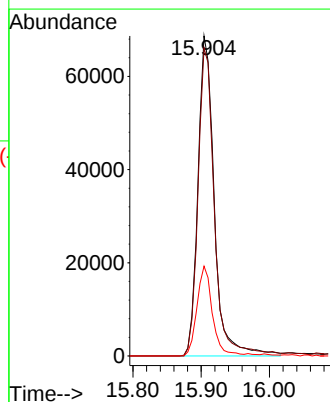
Tgt Ion:330 Resp: 114404

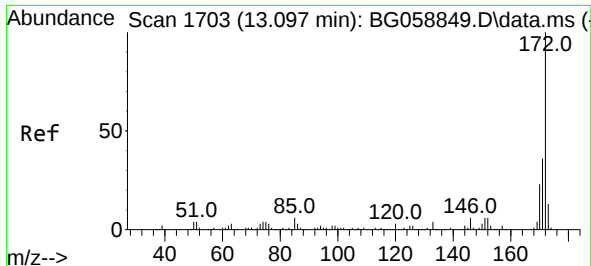
Ion Ratio Lower Upper

330 100

332 96.6 78.5 117.7

141 26.4 23.0 34.6

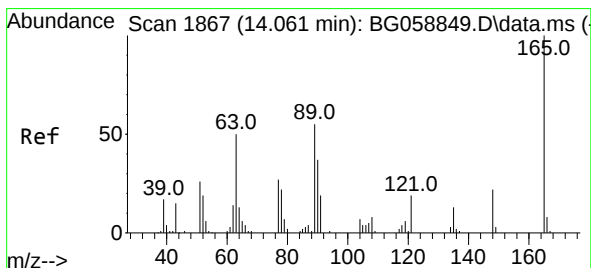
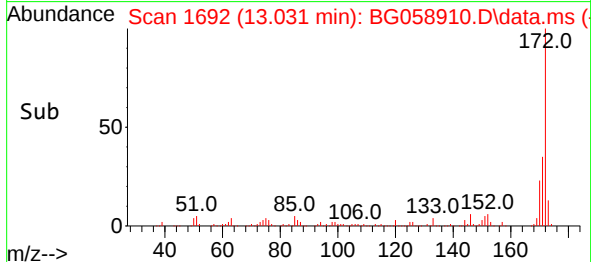
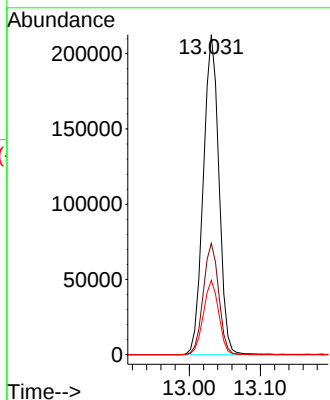
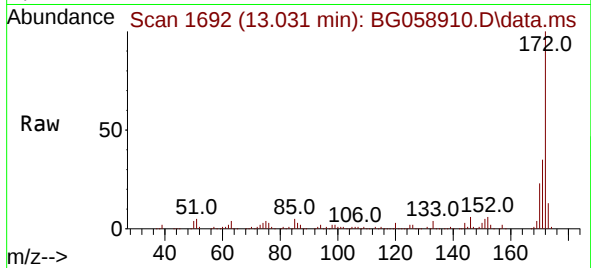




#45
2-Fluorobiphenyl
Concen: 98.034 ng
RT: 13.031 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

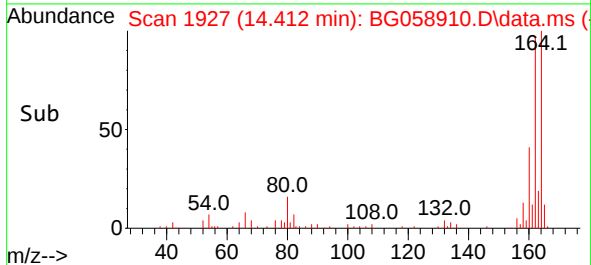
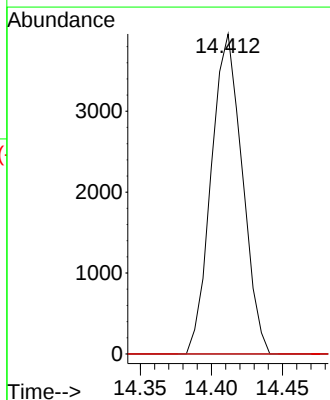
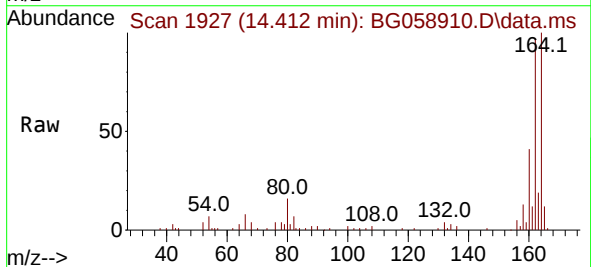
Instrument :
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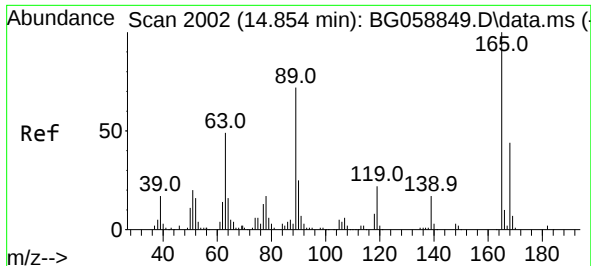
Tgt Ion:172 Resp: 325703
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.642 ng
RT: 14.412 min Scan# 1927
Delta R.T. 0.407 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

Tgt Ion:165 Resp: 6007
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: 5.479 ng

RT: 14.412 min Scan# 14

Delta R.T. -0.386 min

Lab File: BG058910.D

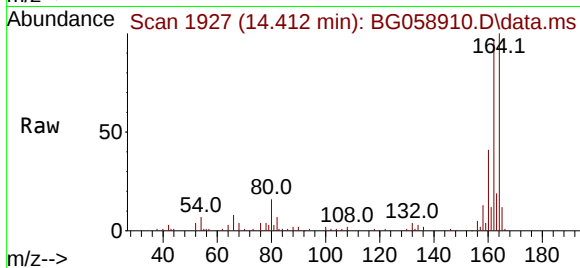
Acq: 31 Aug 2023 00:53

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-24



Tgt Ion:165 Resp: 6007

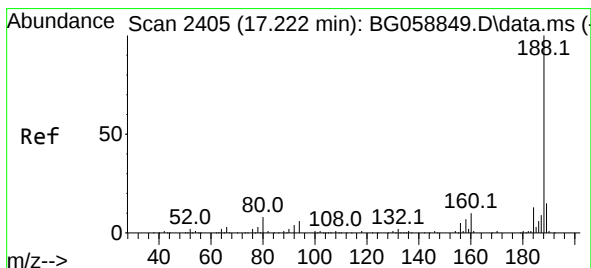
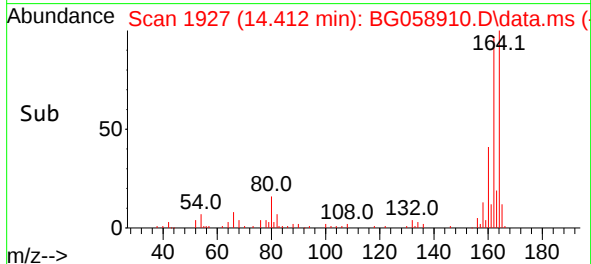
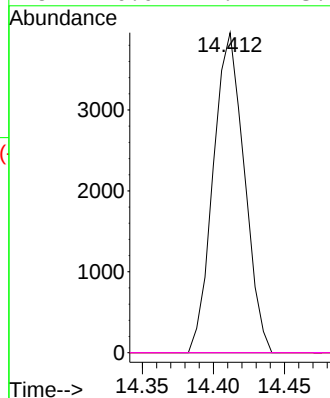
Ion Ratio Lower Upper

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: BG058910.D

Acq: 31 Aug 2023 00:53

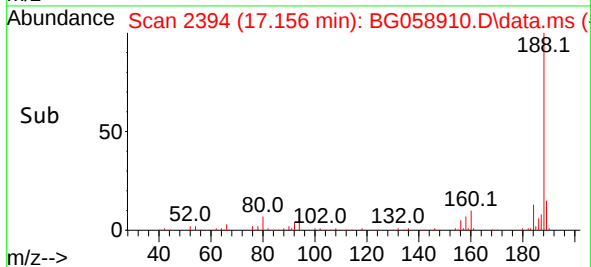
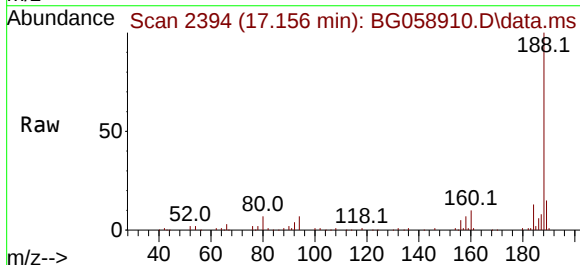
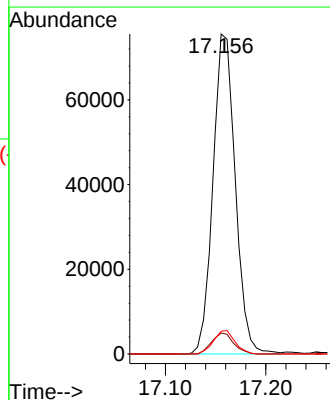
Tgt Ion:188 Resp: 116408

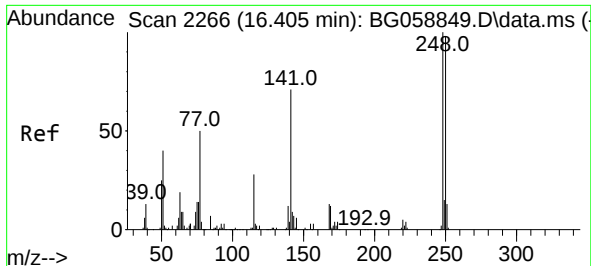
Ion Ratio Lower Upper

188 100

94 6.6 6.1 9.1

80 7.1 6.9 10.3





#67

4-Bromophenyl-phenylether

Concen: 5.290 ng

RT: 15.904 min Scan# 2116

Delta R.T. -0.451 min

Lab File: BG058910.D

Acq: 31 Aug 2023 00:53

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-24

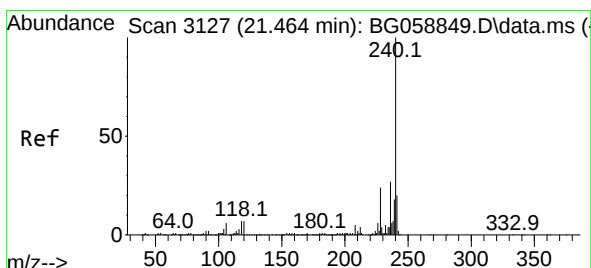
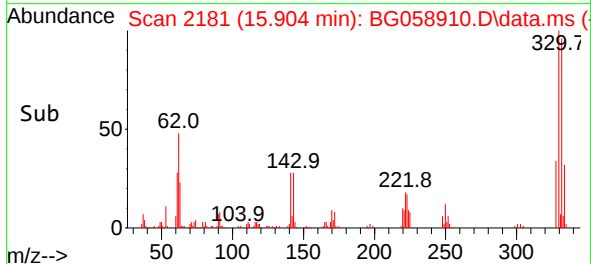
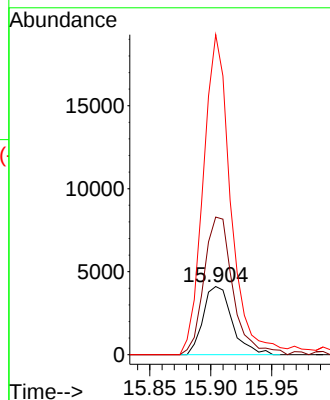
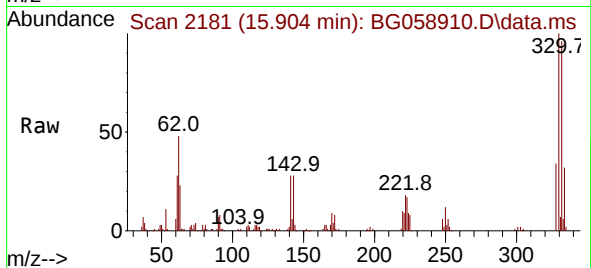
Tgt Ion:248 Resp: 6757

Ion Ratio Lower Upper

248 100

250 201.8 77.7 116.5#

141 469.2 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: BG058910.D

Acq: 31 Aug 2023 00:53

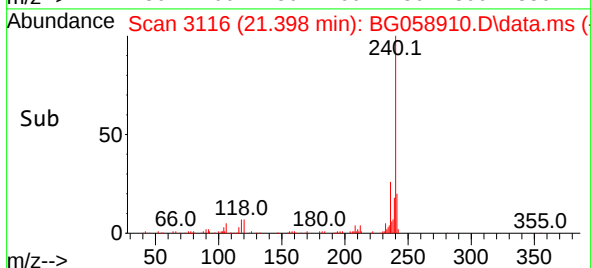
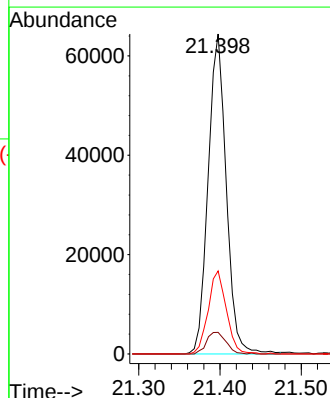
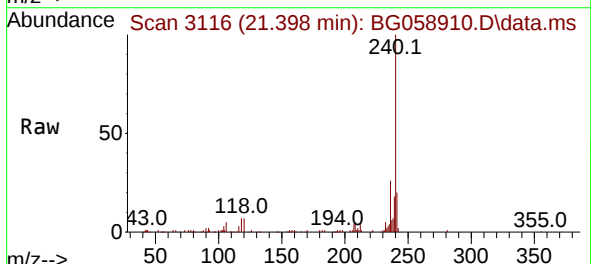
Tgt Ion:240 Resp: 99691

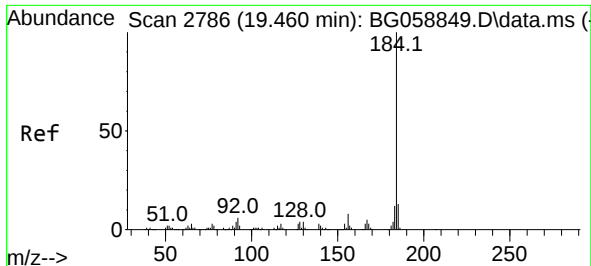
Ion Ratio Lower Upper

240 100

120 6.7 6.2 9.2

236 25.9 20.5 30.7

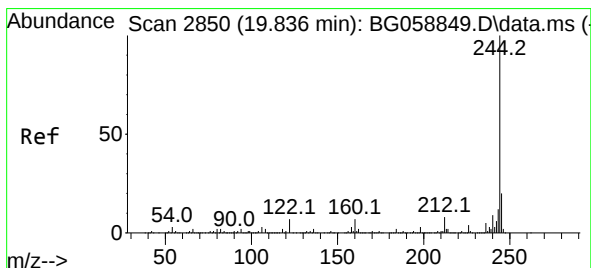
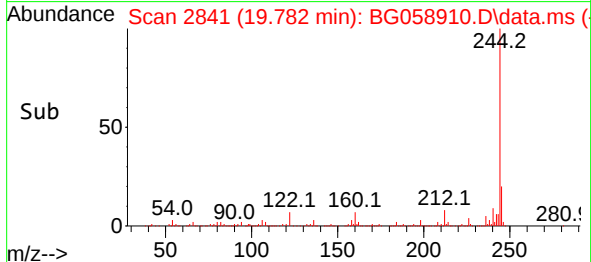
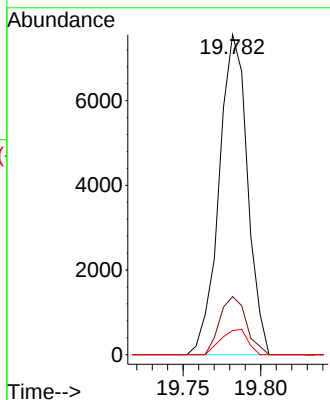
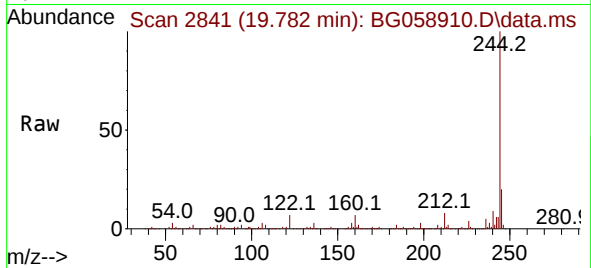




#77
Benzidine
Concen: 5.380 ng
RT: 19.782 min Scan# 2841
Delta R.T. 0.372 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

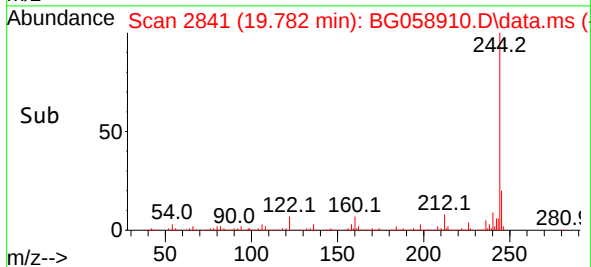
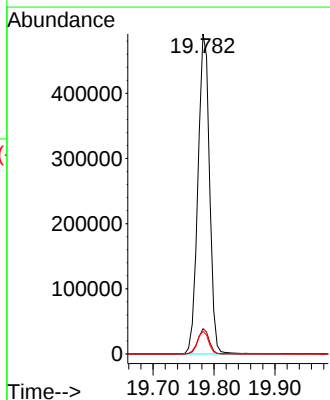
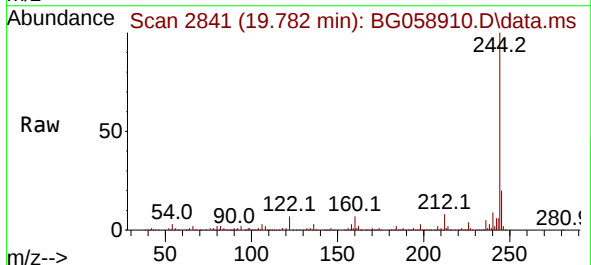
Instrument :
BNA_G
ClientSampleId :
OR-309-OK-370-COMP-24

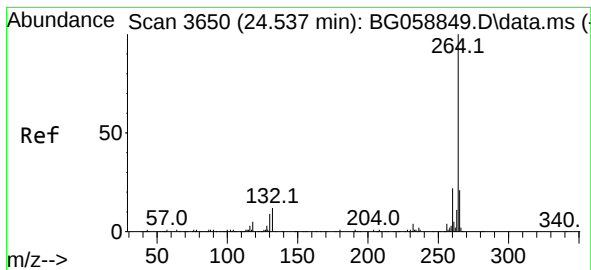
Tgt Ion:184 Resp: 9612
Ion Ratio Lower Upper
184 100
185 18.2 11.9 17.9#
183 7.5 10.0 15.0#



#79
Terphenyl-d14
Concen: 116.402 ng
RT: 19.782 min Scan# 2841
Delta R.T. -0.010 min
Lab File: BG058910.D
Acq: 31 Aug 2023 00:53

Tgt Ion:244 Resp: 646260
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 7.1 6.3 9.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.429 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG058910.D

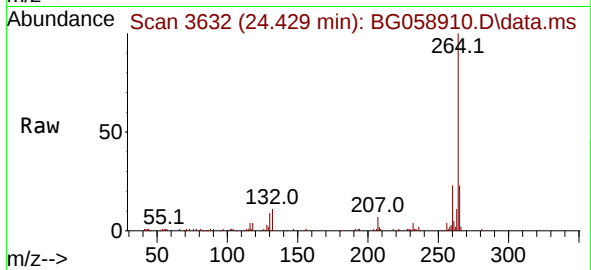
Acq: 31 Aug 2023 00:53

Instrument :

BNA_G

ClientSampleId :

OR-309-OK-370-COMP-24



Tgt Ion:264 Resp: 115486

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

265 22.8 16.4 24.6

