

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058908.D
 Acq On : 30 Aug 2023 23:31
 Operator : MA/JU
 Sample : 04197-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-22

Quant Time: Aug 31 01:42:17 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

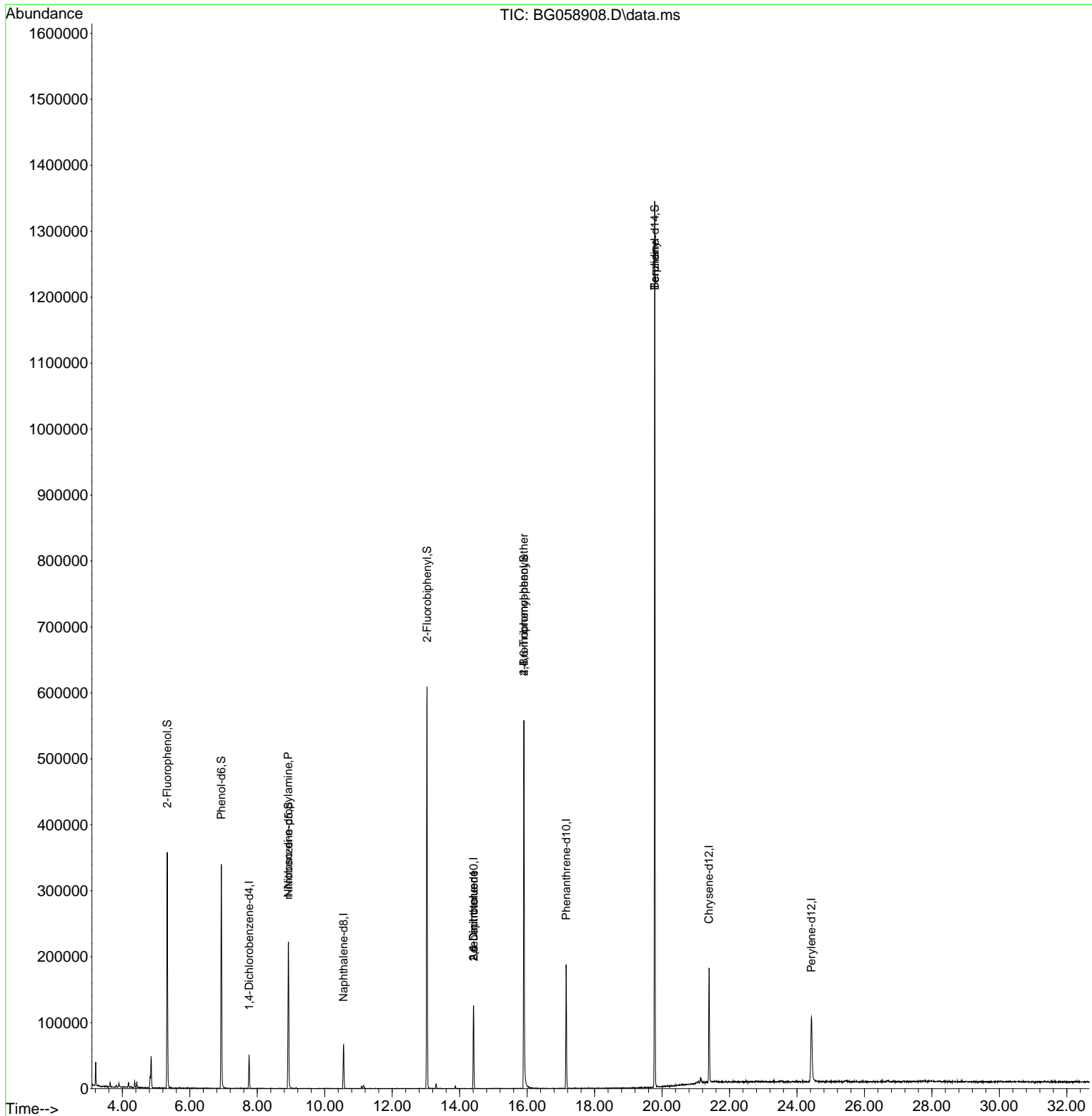
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.756	152	13844	20.000	ng	0.00
21) Naphthalene-d8	10.553	136	58425	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	47931	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	121748	20.000	ng	0.00
76) Chrysene-d12	21.393	240	103917	20.000	ng	-0.01
86) Perylene-d12	24.431	264	122045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.330	112	136467	158.632	ng	0.00
7) Phenol-d6	6.934	99	178753	148.100	ng	0.00
23) Nitrobenzene-d5	8.925	82	128836	106.018	ng	0.00
42) 2,4,6-Tribromophenol	15.906	330	125805	167.394	ng	0.00
45) 2-Fluorobiphenyl	13.032	172	334663	101.553	ng	0.00
79) Terphenyl-d14	19.783	244	693653	119.857	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.920	70	16971	21.752	ng	# 79
51) 2,6-Dinitrotoluene	14.413	165	6106	7.832	ng	# 22
57) 2,4-Dinitrotoluene	14.413	165	6106	5.615	ng	# 19
67) 4-Bromophenyl-phenylether	15.906	248	7637	5.716	ng	# 1
77) Benzidine	19.783	184	10605	5.694	ng	# 80

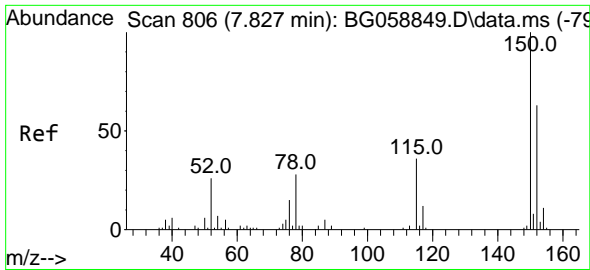
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058908.D
 Acq On : 30 Aug 2023 23:31
 Operator : MA/JU
 Sample : 04197-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 OR-309-OK-370-COMP-22

Quant Time: Aug 31 01:42:17 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

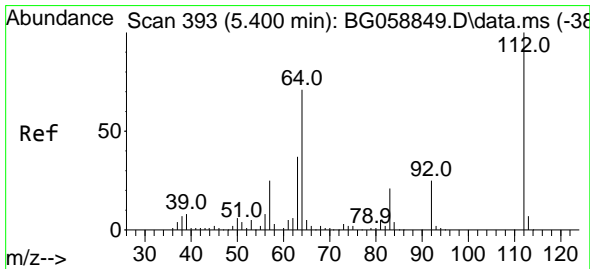
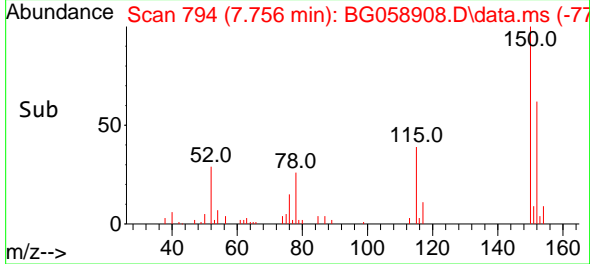
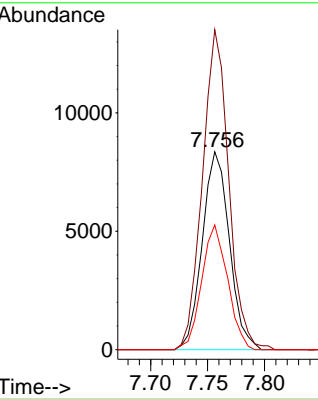
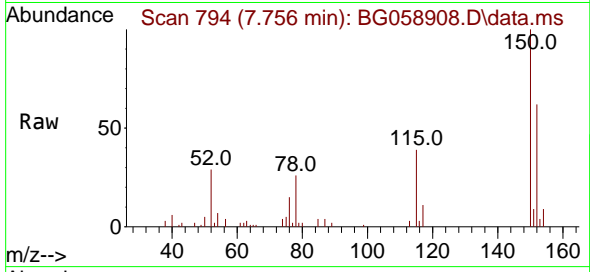




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.756 min Scan# 794
 Delta R.T. -0.003 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

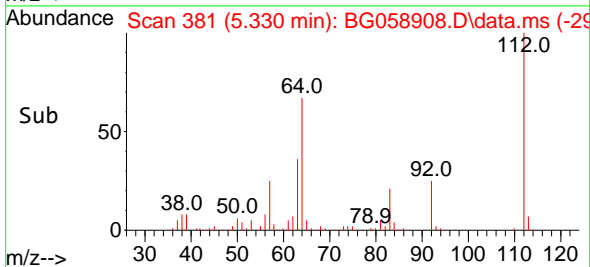
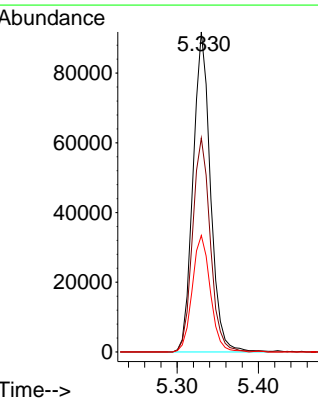
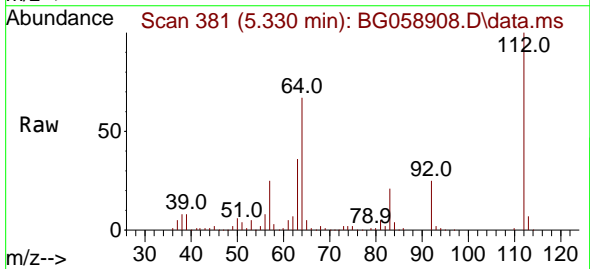
Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-22

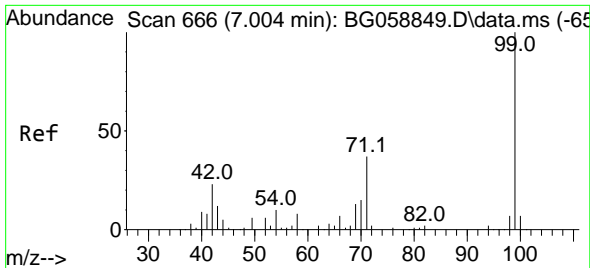
Tgt Ion:152 Resp: 13844
 Ion Ratio Lower Upper
 152 100
 150 161.7 128.6 192.8
 115 63.1 50.4 75.6



#5
 2-Fluorophenol
 Concen: 158.632 ng
 RT: 5.330 min Scan# 381
 Delta R.T. 0.003 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Tgt Ion:112 Resp: 136467
 Ion Ratio Lower Upper
 112 100
 64 66.8 60.6 90.8
 63 36.4 31.0 46.4



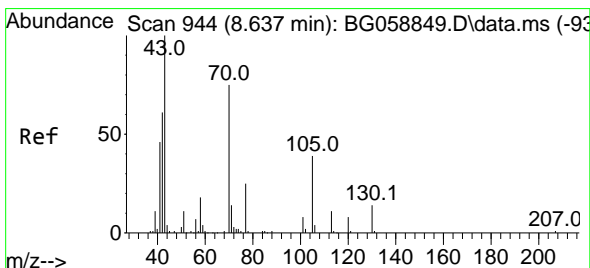
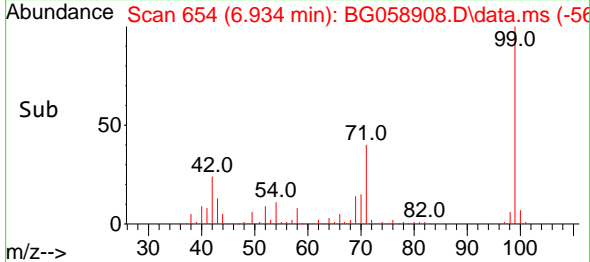
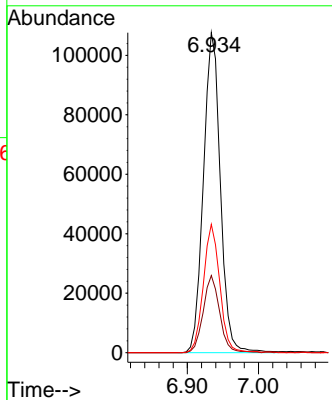
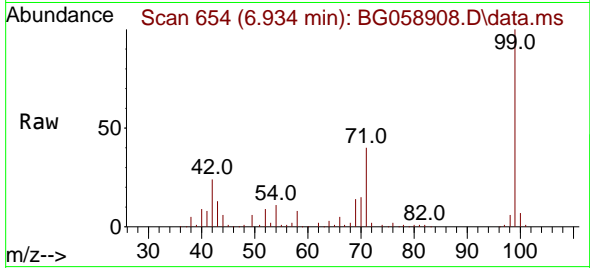


#7
 Phenol-d6
 Concen: 148.100 ng
 RT: 6.934 min Scan# 611
 Delta R.T. -0.003 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-22

Tgt Ion: 99 Resp: 178753

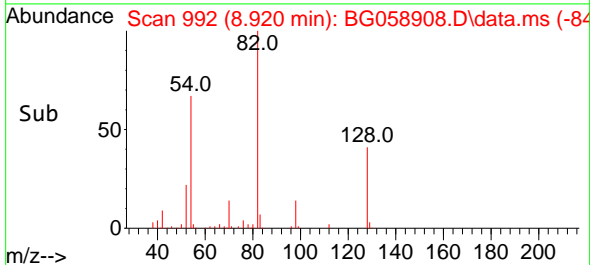
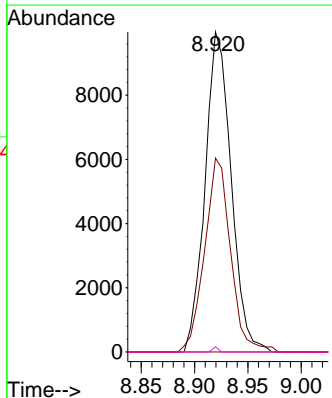
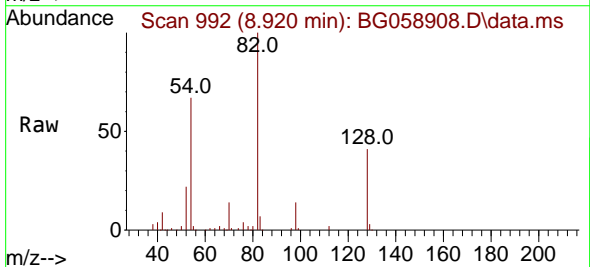
Ion	Ratio	Lower	Upper
99	100		
42	24.1	16.5	24.7
71	40.1	28.4	42.6

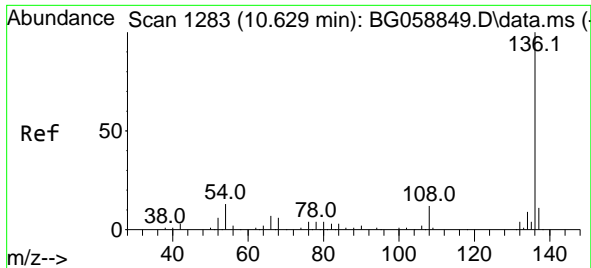


#19
 n-Nitroso-di-n-propylamine
 Concen: 21.752 ng
 RT: 8.920 min Scan# 992
 Delta R.T. 0.350 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Tgt Ion: 70 Resp: 16971

Ion	Ratio	Lower	Upper
70	100		
42	60.6	59.2	88.8
101	0.0	8.2	12.2#
130	1.7	15.3	22.9#



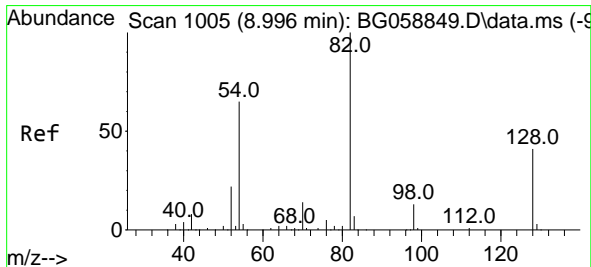
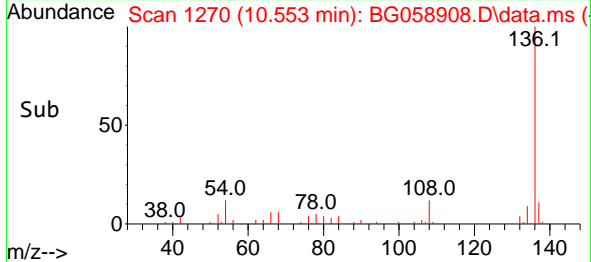
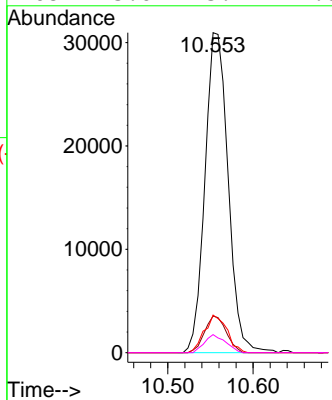
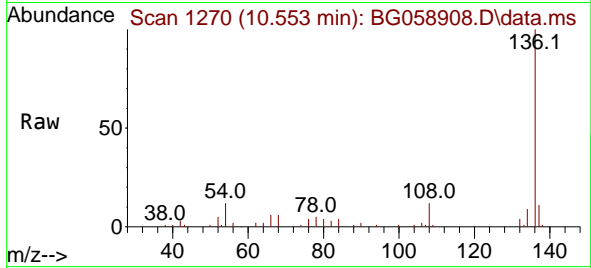


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.553 min Scan# 111
 Delta R.T. -0.008 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-22

Tgt Ion:136 Resp: 58425

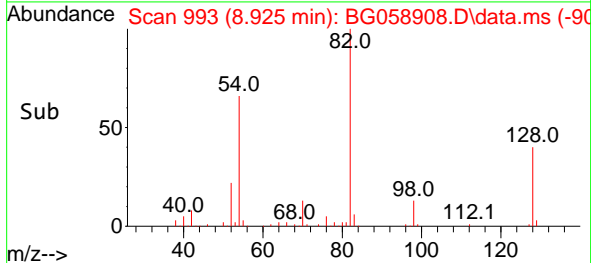
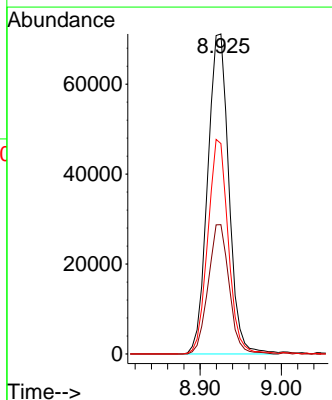
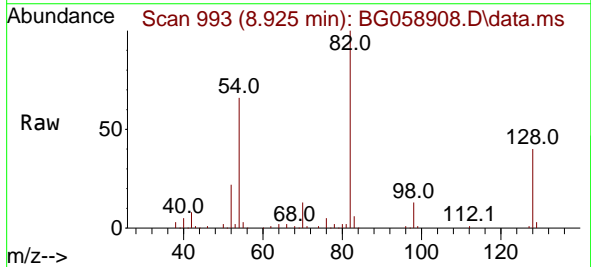
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.7	10.1	15.1
68	5.6	5.2	7.8

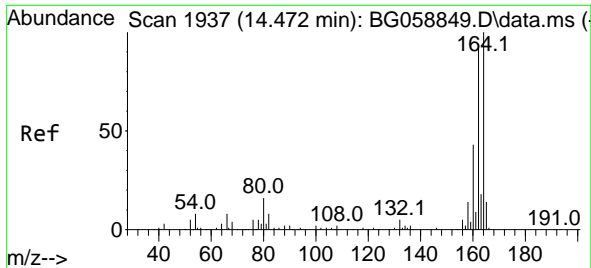


#23
 Nitrobenzene-d5
 Concen: 106.018 ng
 RT: 8.925 min Scan# 993
 Delta R.T. -0.003 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Tgt Ion: 82 Resp: 128836

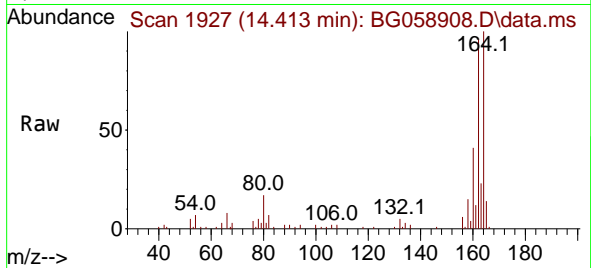
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.2	49.8
54	65.7	51.2	76.8



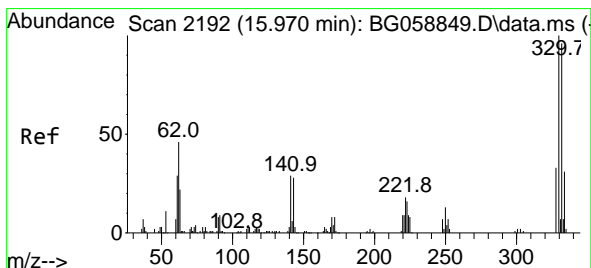
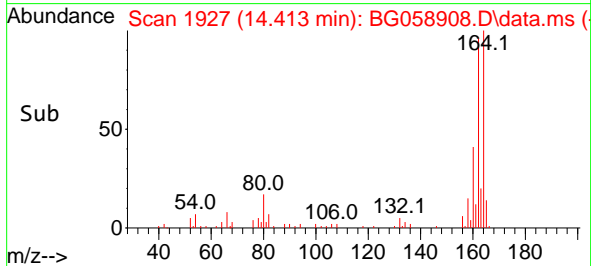
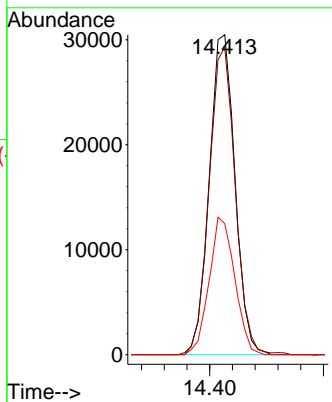


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.413 min Scan# 1927
 Delta R.T. -0.003 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Instrument : BNA_G
 ClientSampleId : OR-309-OK-370-COMP-22

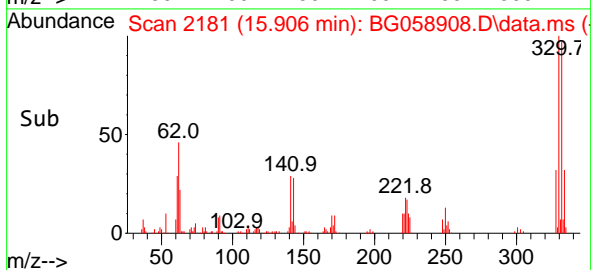
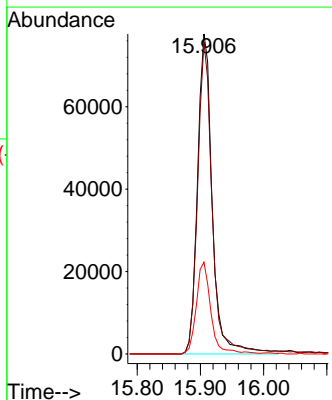
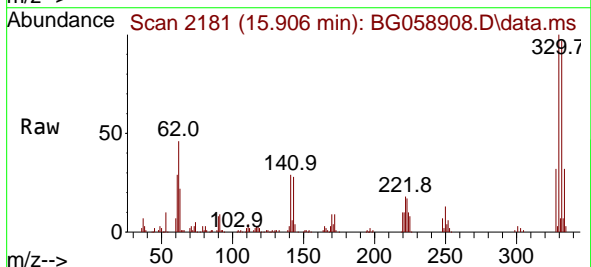


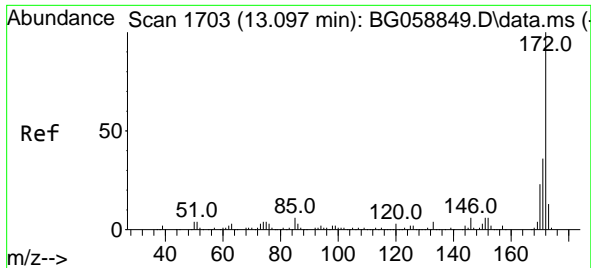
Tgt Ion:164 Resp: 47931
 Ion Ratio Lower Upper
 164 100
 162 96.1 79.6 119.4
 160 41.0 34.0 51.0



#42
 2,4,6-Tribromophenol
 Concen: 167.394 ng
 RT: 15.906 min Scan# 2181
 Delta R.T. -0.008 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Tgt Ion:330 Resp: 125805
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.5 117.7
 141 28.3 23.0 34.6

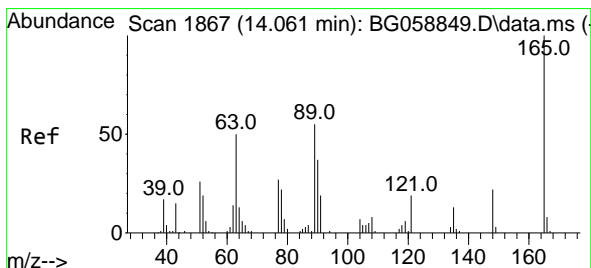
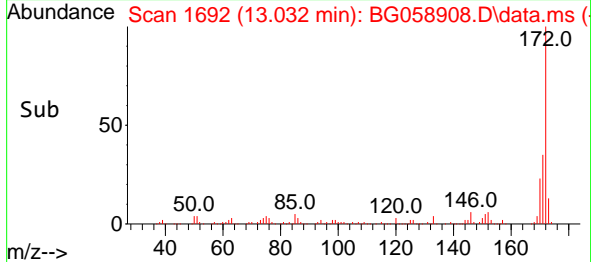
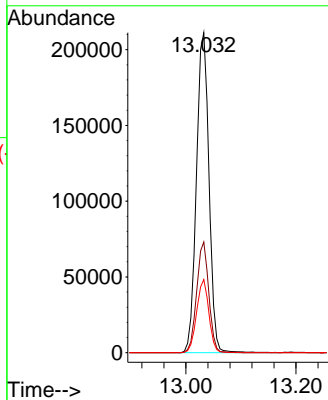
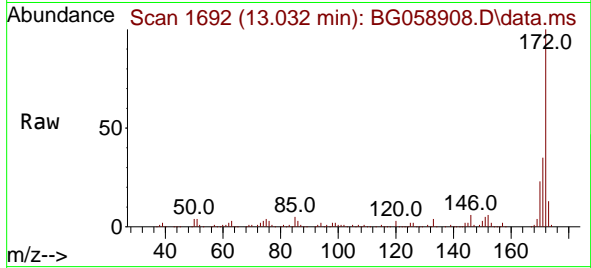




#45
 2-Fluorobiphenyl
 Concen: 101.553 ng
 RT: 13.032 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

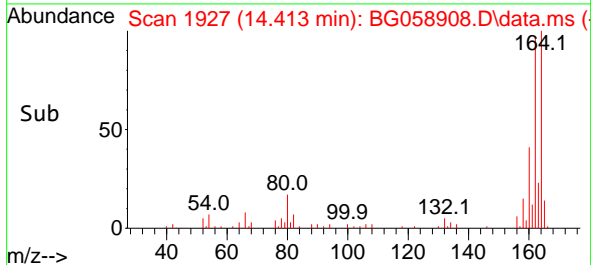
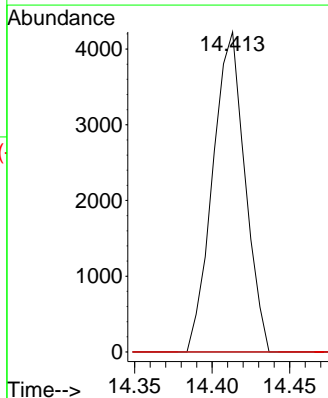
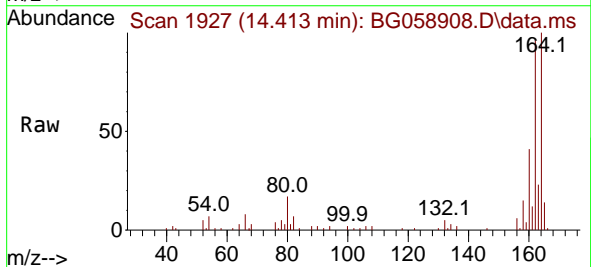
Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-22

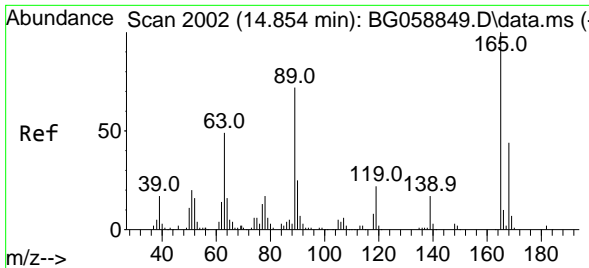
Tgt Ion:172 Resp: 334663
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.1 42.1
 170 22.8 18.6 27.8



#51
 2,6-Dinitrotoluene
 Concen: 7.832 ng
 RT: 14.413 min Scan# 1927
 Delta R.T. 0.409 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

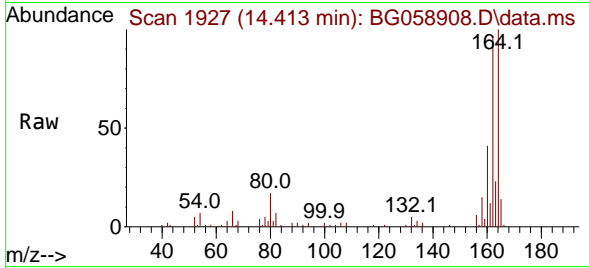
Tgt Ion:165 Resp: 6106
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.2 70.8#
 89 0.0 45.0 67.4#





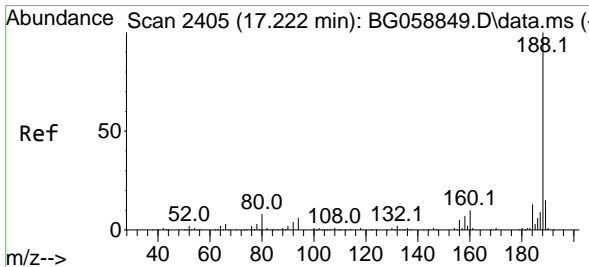
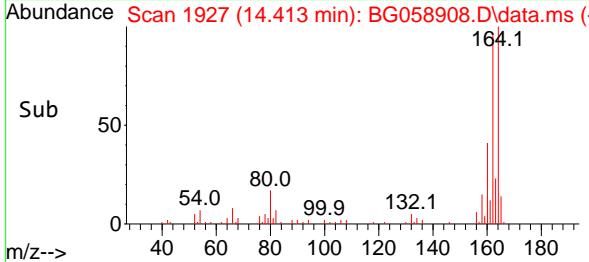
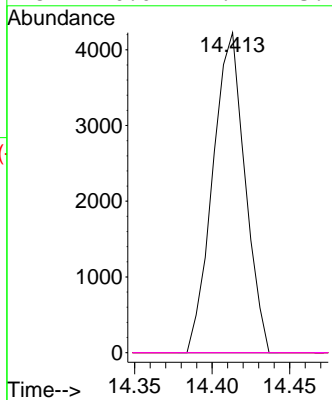
#57
 2,4-Dinitrotoluene
 Concen: 5.615 ng
 RT: 14.413 min Scan# 1927
 Delta R.T. -0.384 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Instrument : BNA_G
 ClientSampleId : OR-309-OK-370-COMP-22



Tgt Ion:165 Resp: 6106

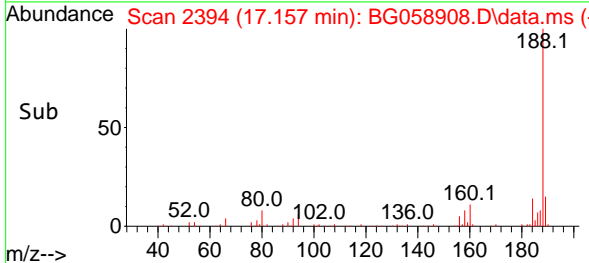
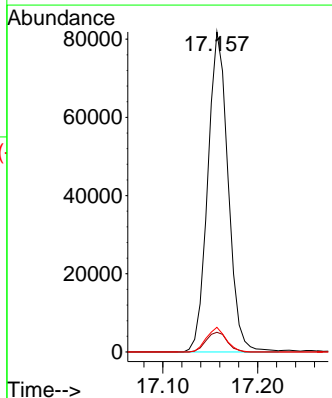
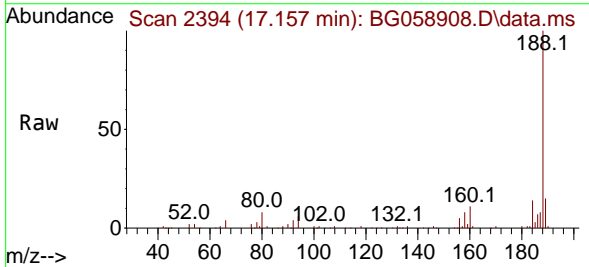
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#

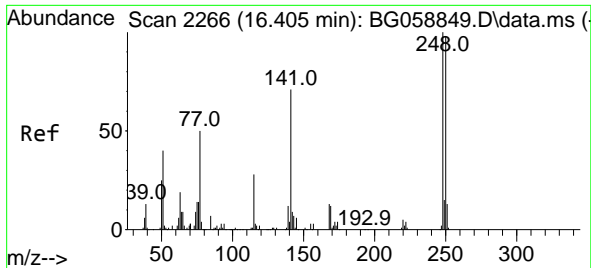


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.157 min Scan# 2394
 Delta R.T. -0.008 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Tgt Ion:188 Resp: 121748

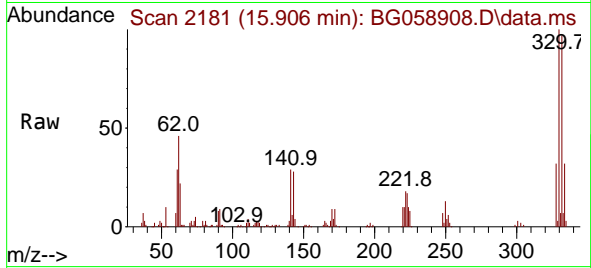
Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.1	9.1
80	7.7	6.9	10.3



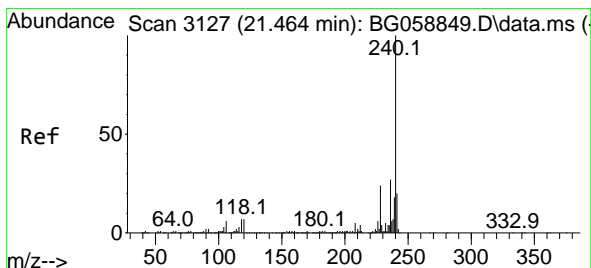
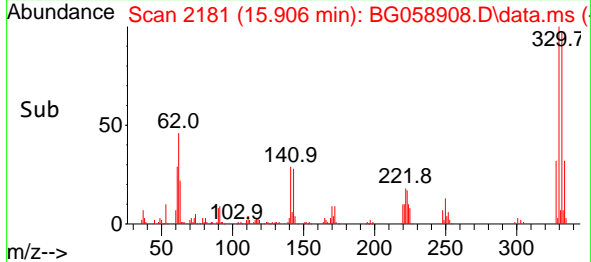
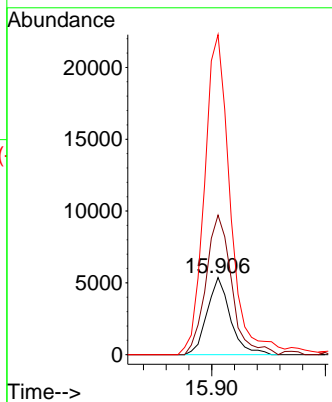


#67
 4-Bromophenyl-phenylether
 Concen: 5.716 ng
 RT: 15.906 min Scan# 2115
 Delta R.T. -0.449 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Instrument : BNA_G
 ClientSampleId : OR-309-OK-370-COMP-22

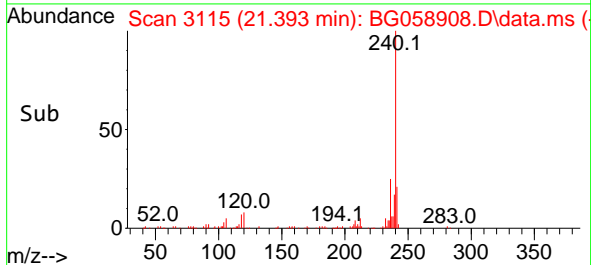
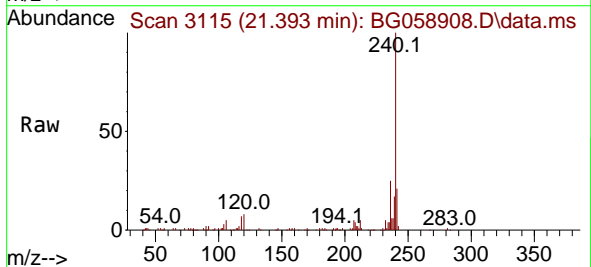
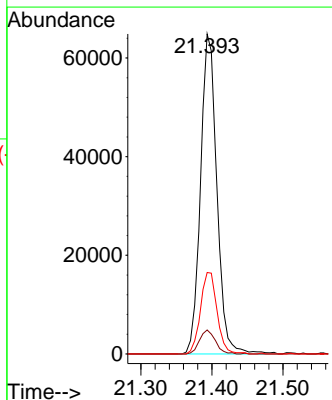


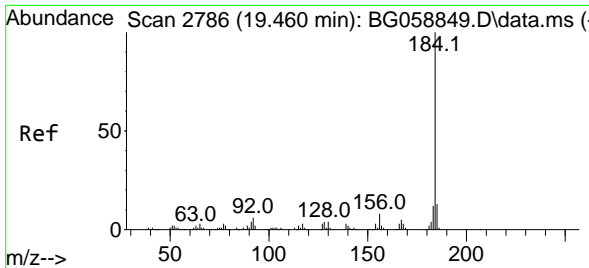
Tgt Ion:248 Resp: 7637
 Ion Ratio Lower Upper
 248 100
 250 181.0 77.7 116.5#
 141 414.9 53.6 80.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.393 min Scan# 3115
 Delta R.T. -0.014 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Tgt Ion:240 Resp: 103917
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.2 9.2
 236 25.4 20.5 30.7



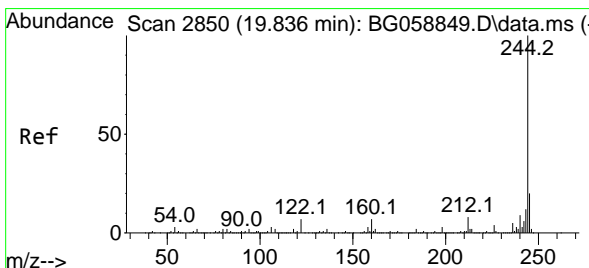
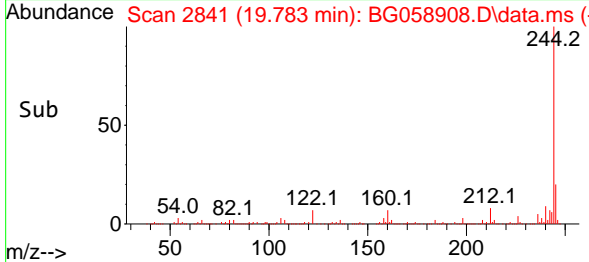
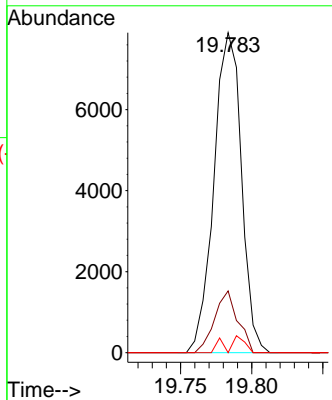
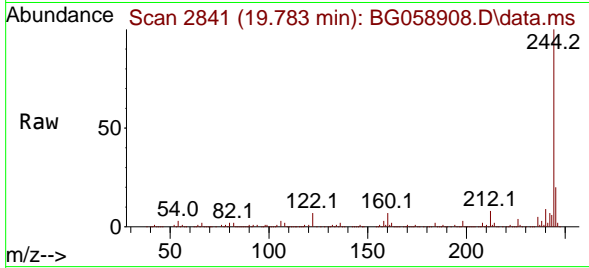


#77
 Benzidine
 Concen: 5.694 ng
 RT: 19.783 min Scan# 2841
 Delta R.T. 0.373 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-22

Tgt Ion:184 Resp: 10605

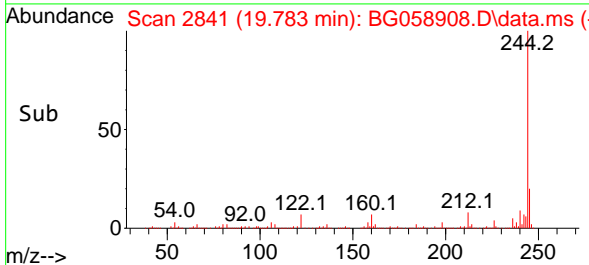
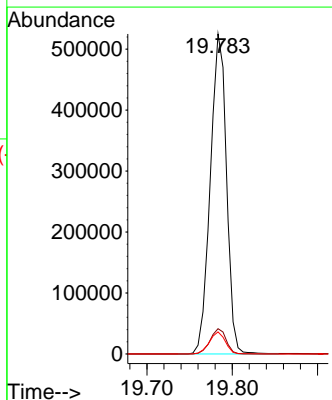
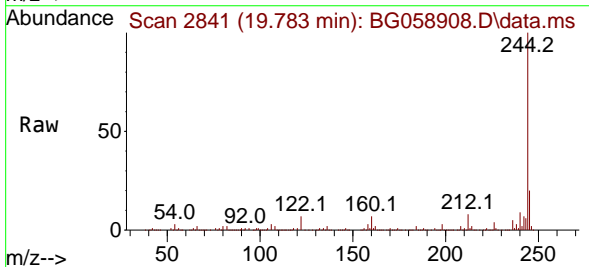
Ion	Ratio	Lower	Upper
184	100		
185	19.3	11.9	17.9#
183	0.0	10.0	15.0#

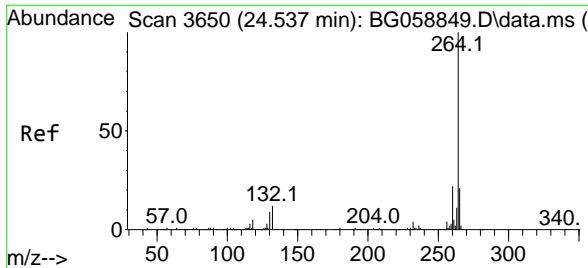


#79
 Terphenyl-d14
 Concen: 119.857 ng
 RT: 19.783 min Scan# 2841
 Delta R.T. -0.008 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Tgt Ion:244 Resp: 693653

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	6.9	6.3	9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.431 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BG058908.D
 Acq: 30 Aug 2023 23:31

Instrument :
 BNA_G
 ClientSampleId :
 OR-309-OK-370-COMP-22

Tgt Ion:264 Resp: 122045

Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.2
265	19.8	16.4	24.6

