

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058628.D
 Acq On : 7 Aug 2023 15:37
 Operator : MA/JU
 Sample : 03831-06RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-20-20230727

Quant Time: Aug 07 16:10:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

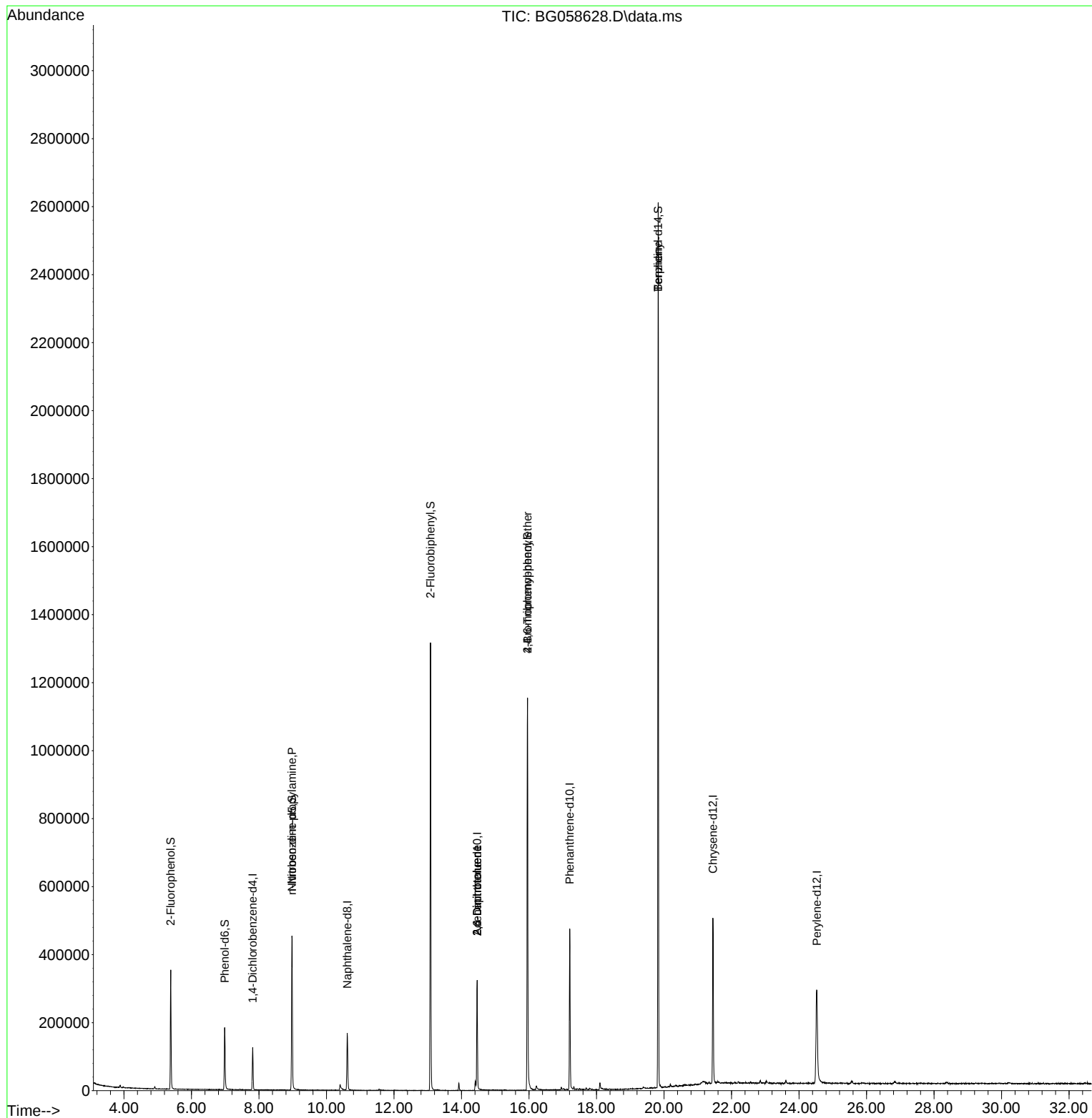
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	34794	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	153781	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	116068	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	310838	20.000	ng	0.00
76) Chrysene-d12	21.448	240	292117	20.000	ng	0.00
86) Perylene-d12	24.527	264	358659	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	145962	64.119	ng	0.00
7) Phenol-d6	6.983	99	118986	37.564	ng	0.00
23) Nitrobenzene-d5	8.975	82	290633	92.843	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	274375	144.223	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	710381	91.720	ng	0.00
79) Terphenyl-d14	19.827	244	1353316	87.121	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	8.981	70	36216	17.701	ng	# 79
51) 2,6-Dinitrotoluene	14.462	165	15048	7.868	ng	# 24
57) 2,4-Dinitrotoluene	14.462	165	15048	5.675	ng	# 24
67) 4-Bromophenyl-phenylether	15.955	248	16543	4.692	ng	# 1
77) Benzidine	19.827	184	16948	3.826	ng	# 92

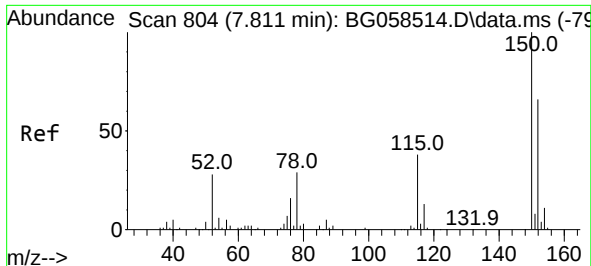
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 16:10:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

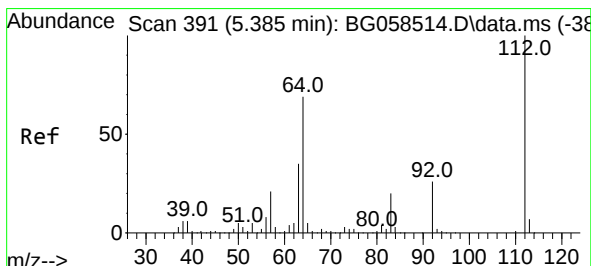
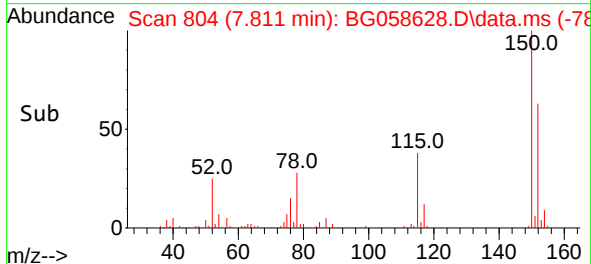
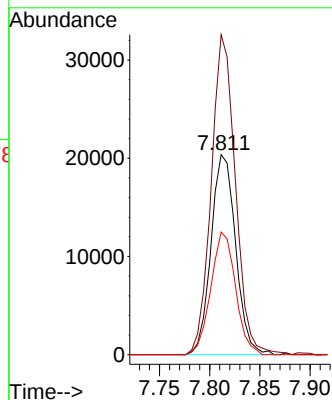
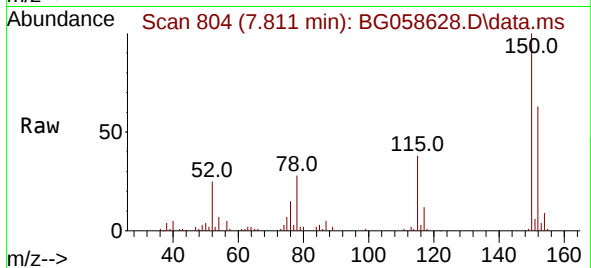




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

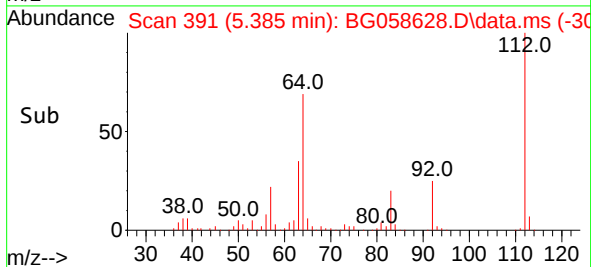
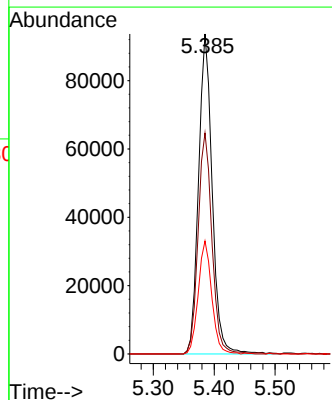
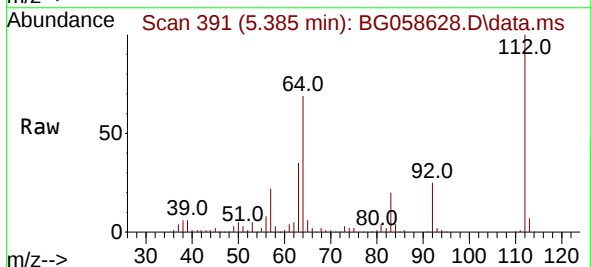
Instrument :
BNA_G
ClientSampleId :
MW-20-20230727

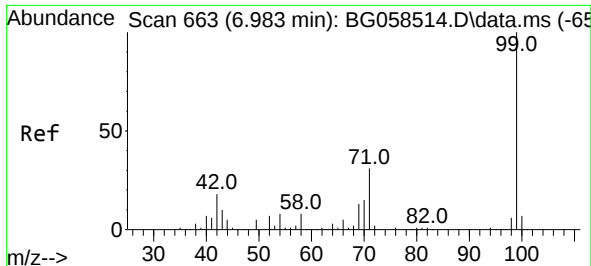
Tgt Ion:152 Resp: 34794
Ion Ratio Lower Upper
152 100
150 160.0 120.5 180.7
115 61.3 45.9 68.9



#5
2-Fluorophenol
Concen: 64.119 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion:112 Resp: 145962
Ion Ratio Lower Upper
112 100
64 69.1 55.3 82.9
63 35.3 28.3 42.5

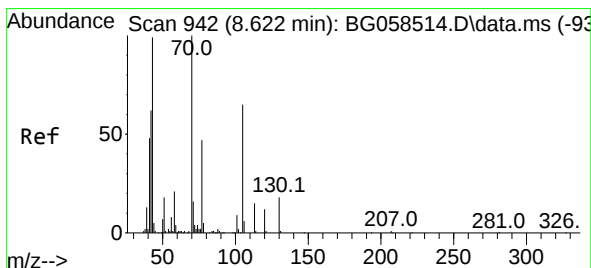
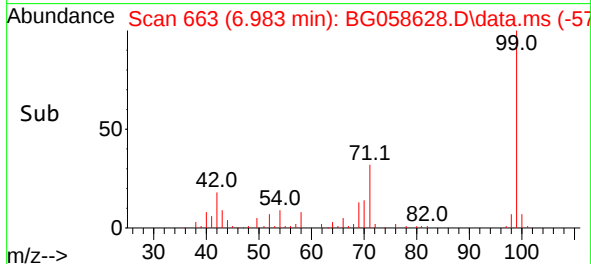
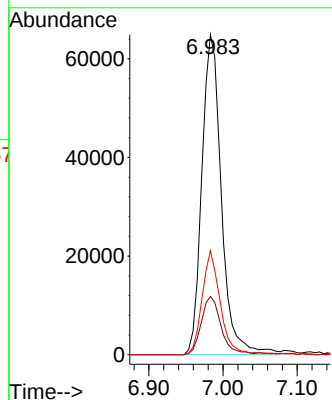
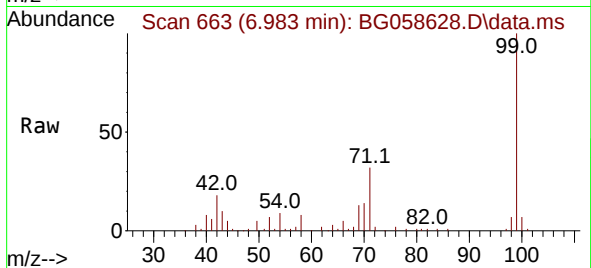




#7
Phenol-d6
Concen: 37.564 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

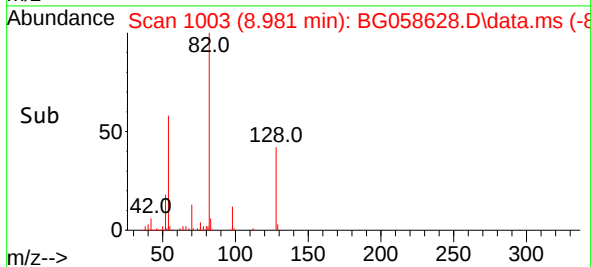
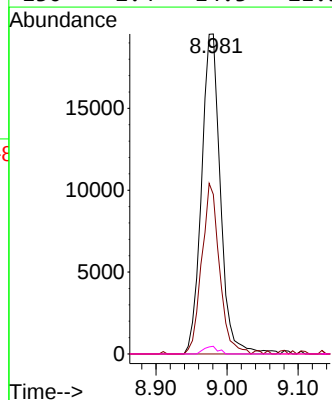
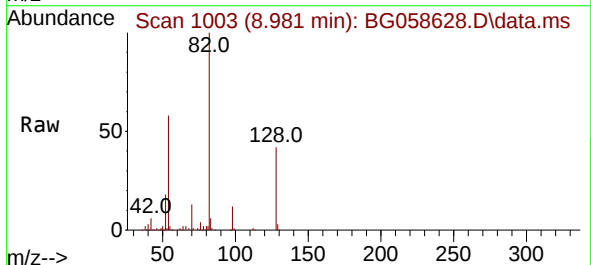
Instrument :
BNA_G
ClientSampleId :
MW-20-20230727

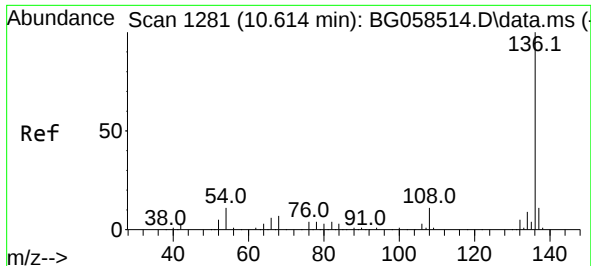
Tgt Ion: 99 Resp: 118986
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 32.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.701 ng
RT: 8.981 min Scan# 1003
Delta R.T. 0.359 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion: 70 Resp: 36216
Ion Ratio Lower Upper
70 100
42 49.9 49.7 74.5
101 0.0 7.0 10.4#
130 2.4 14.3 21.5#

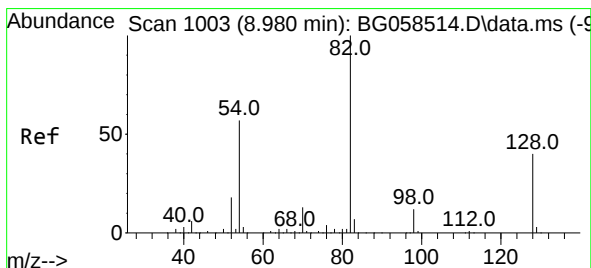
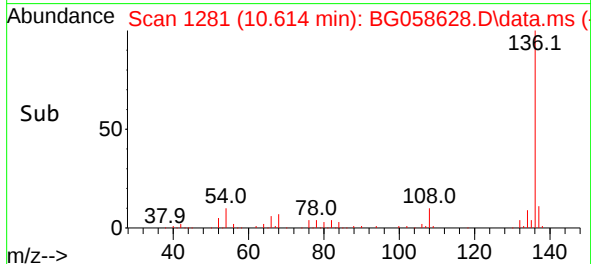
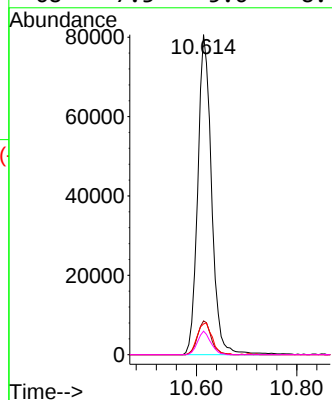
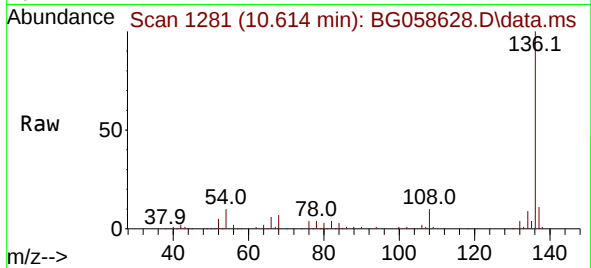




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

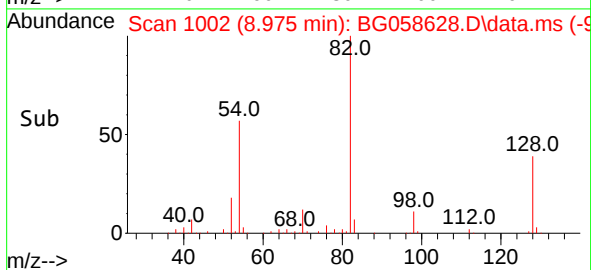
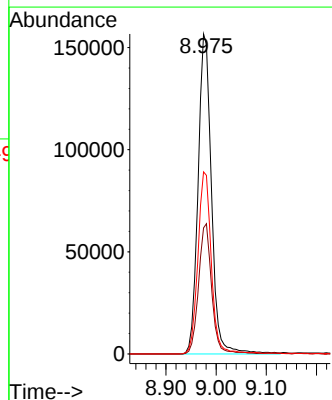
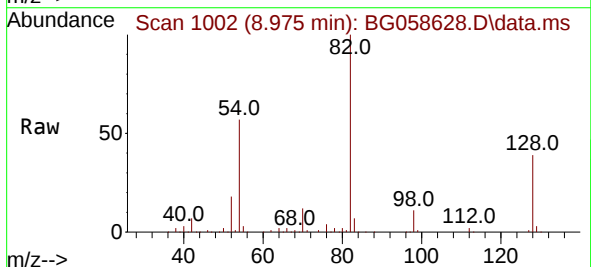
Instrument :
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ClientSampleId :
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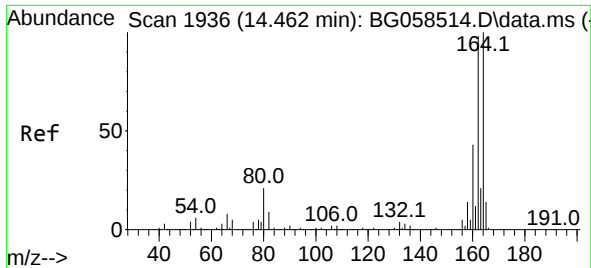
Tgt Ion:	136	Resp:	153781
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	9.6	8.9	13.3
68	7.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 92.843 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion:	82	Resp:	290633
Ion Ratio	Lower	Upper	
82	100		
128	39.4	32.2	48.2
54	56.9	46.0	69.0

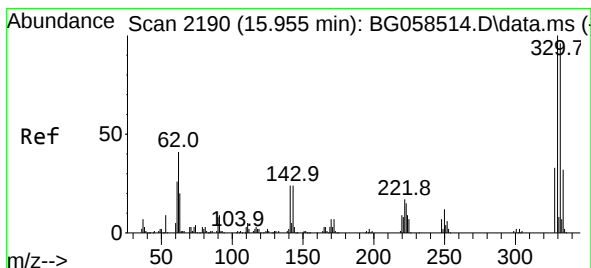
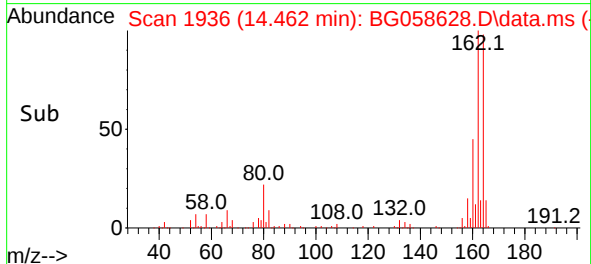
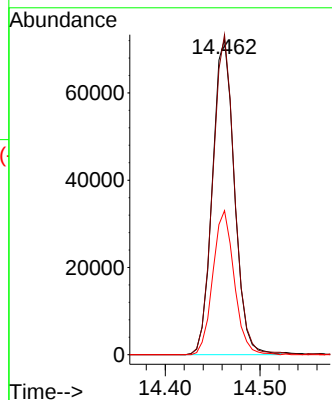
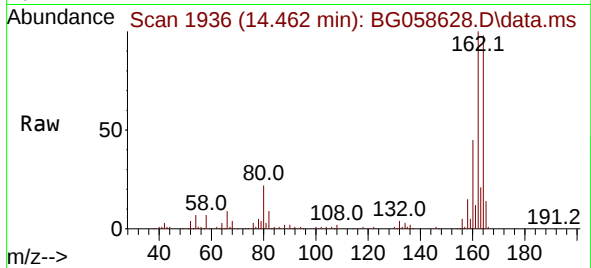




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

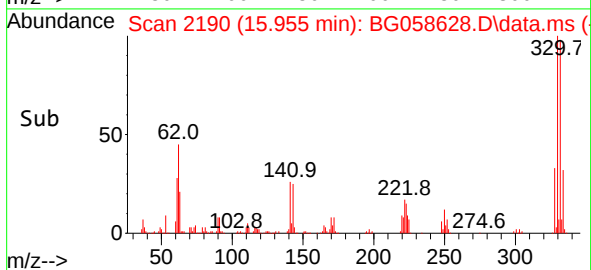
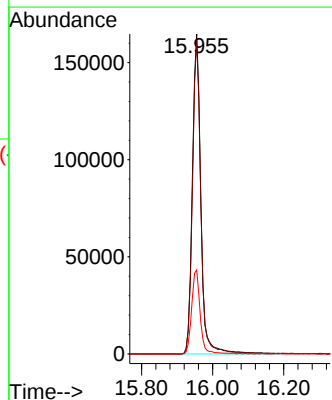
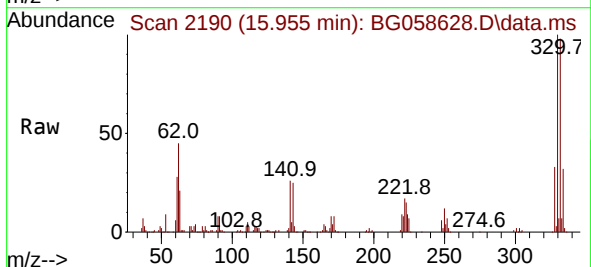
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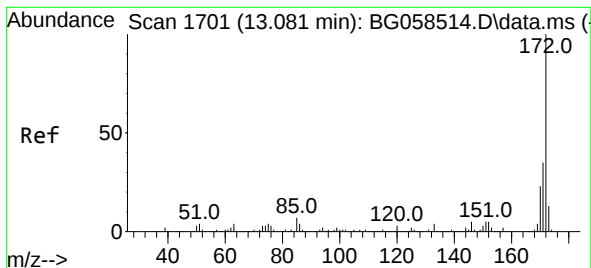
Tgt Ion:164 Resp: 116068
Ion Ratio Lower Upper
164 100
162 101.5 78.3 117.5
160 45.7 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 144.223 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion:330 Resp: 274375
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 26.3 20.7 31.1

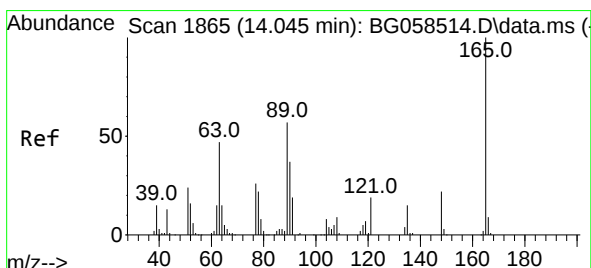
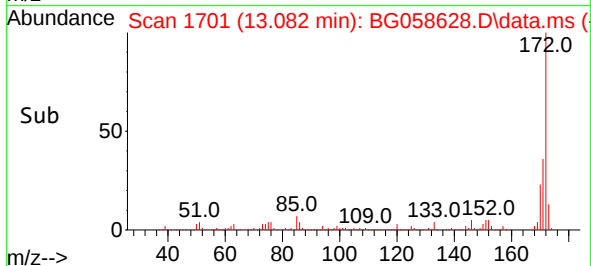
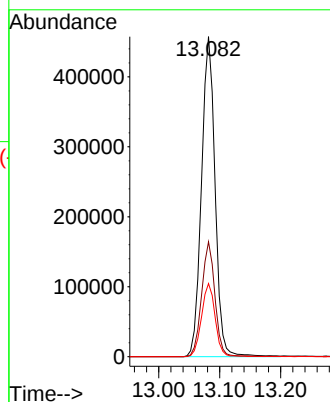
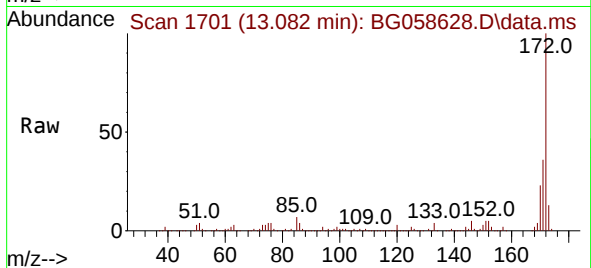




#45
2-Fluorobiphenyl
Concen: 91.720 ng
RT: 13.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

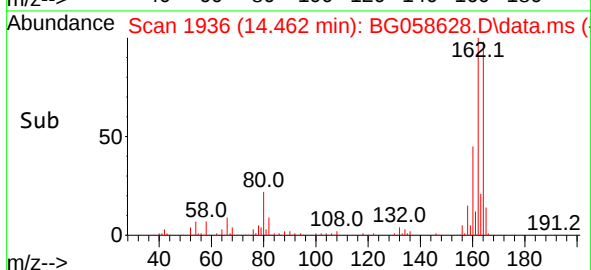
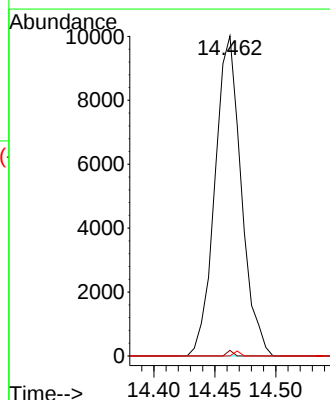
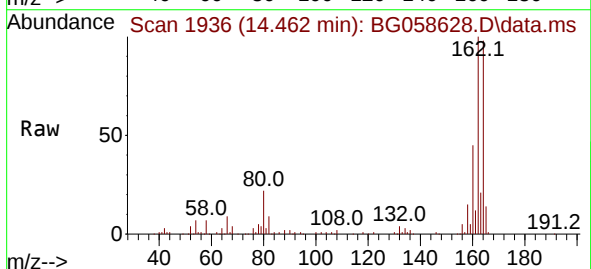
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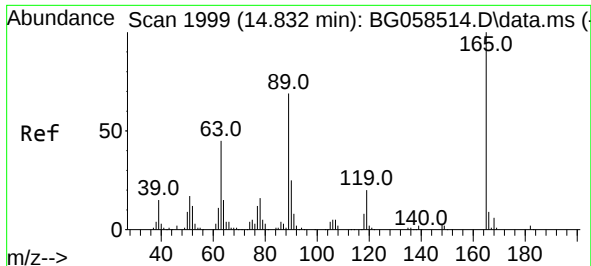
Tgt Ion:172 Resp: 710381
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 22.9 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.868 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion:165 Resp: 15048
Ion Ratio Lower Upper
165 100
63 1.8 46.4 69.6#
89 0.0 45.3 67.9#

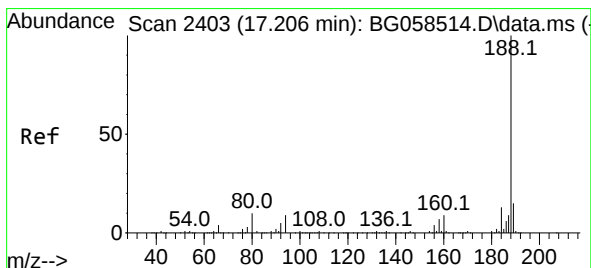
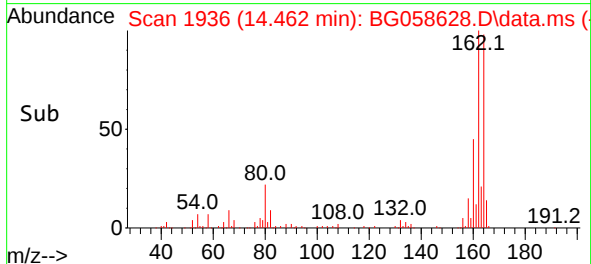
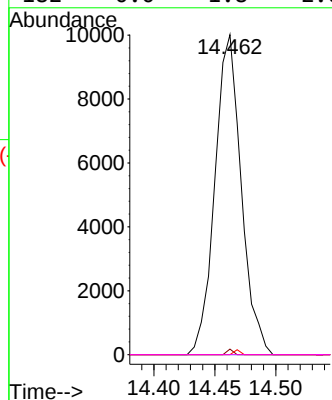
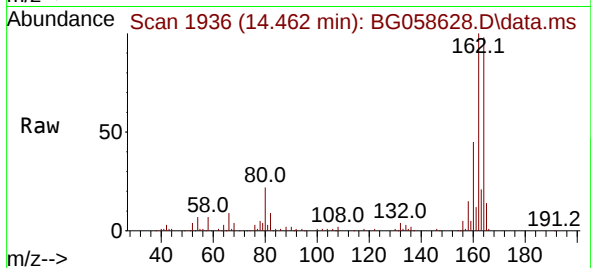




#57
2,4-Dinitrotoluene
Concen: 5.675 ng
RT: 14.462 min Scan# 1999
Delta R.T. -0.370 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

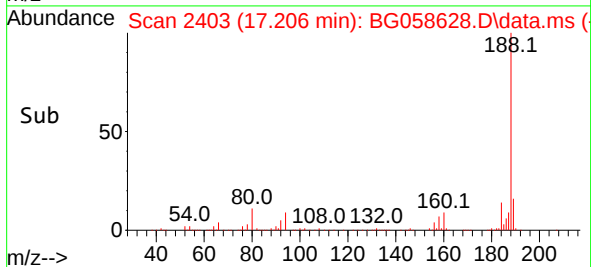
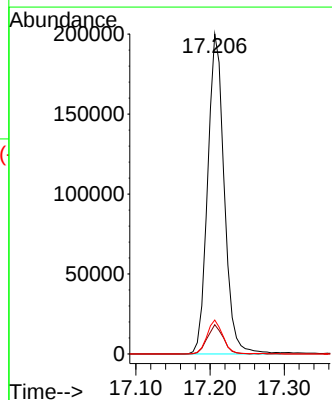
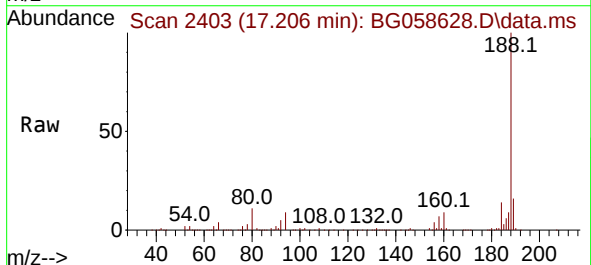
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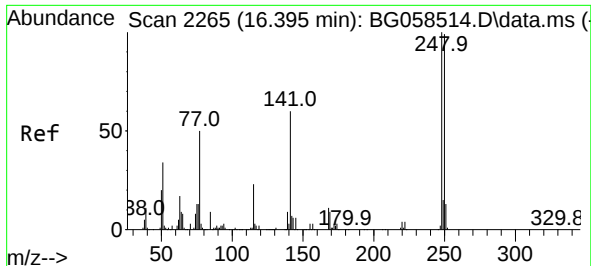
Tgt Ion:165 Resp: 15048
Ion Ratio Lower Upper
165 100
63 1.8 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion:188 Resp: 310838
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.6 8.1 12.1

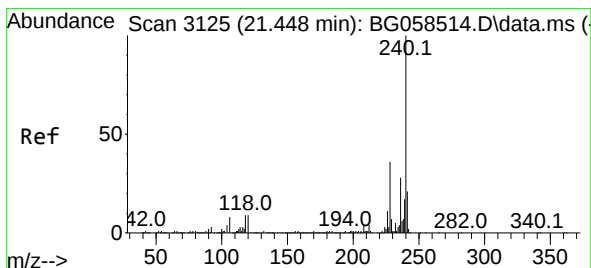
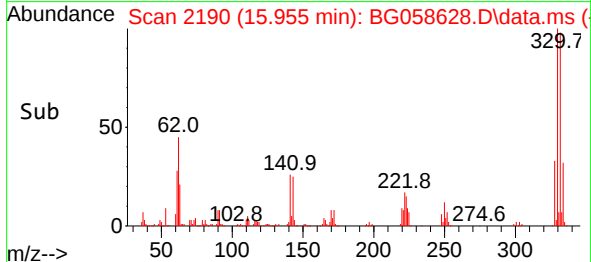
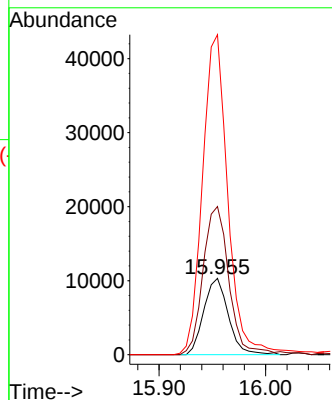
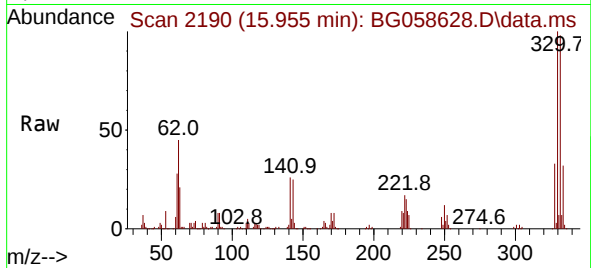




#67
4-Bromophenyl-phenylether
Concen: 4.692 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.440 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

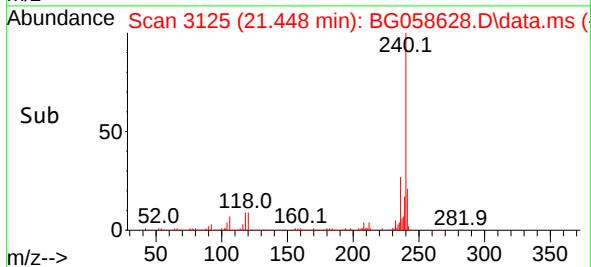
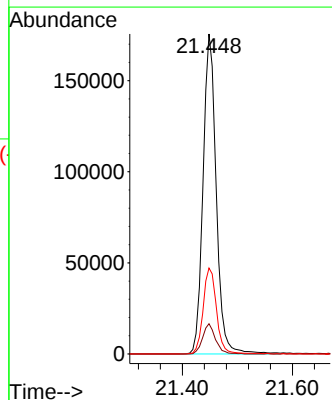
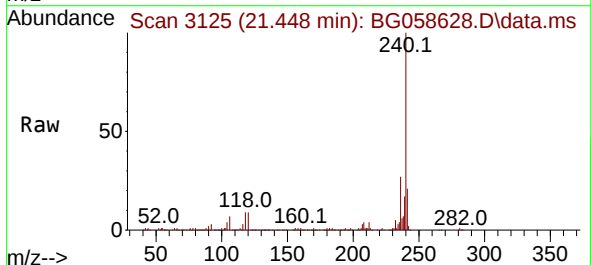
Instrument :
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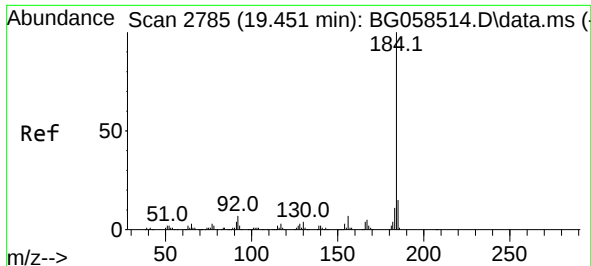
Tgt Ion:248 Resp: 16543
Ion Ratio Lower Upper
248 100
250 194.2 79.5 119.3#
141 419.4 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion:240 Resp: 292117
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.8 22.2 33.4

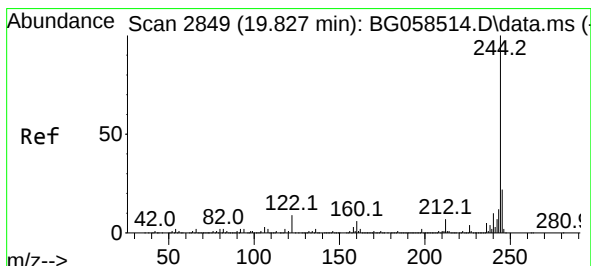
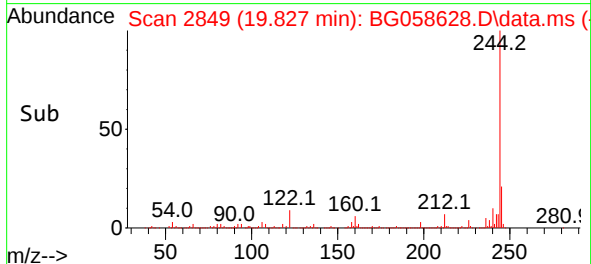
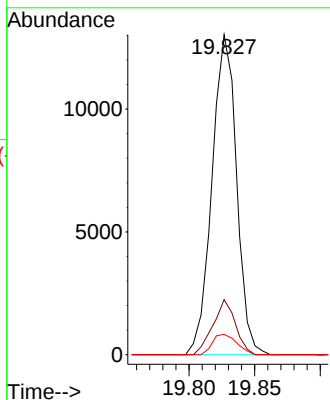
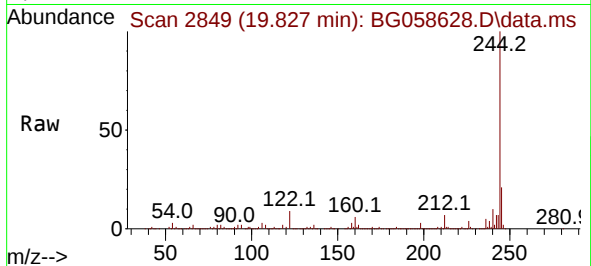




#77
Benzidine
Concen: 3.826 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.376 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

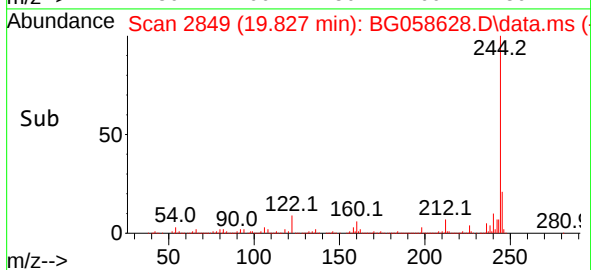
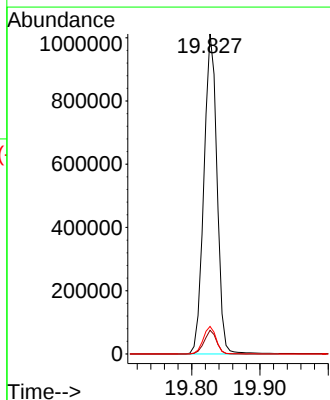
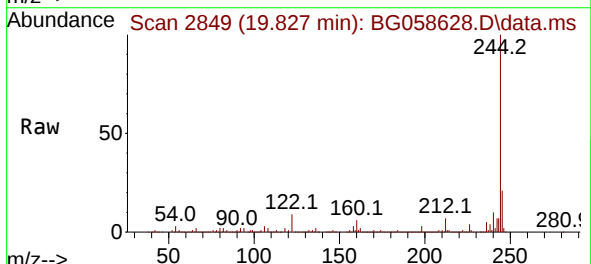
Instrument :
BNA_G
ClientSampleId :
MW-20-20230727

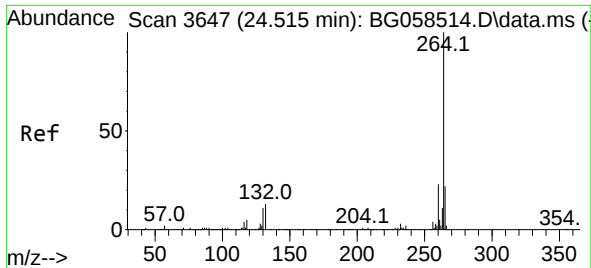
Tgt Ion:184 Resp: 16948
Ion Ratio Lower Upper
184 100
185 17.2 11.9 17.9
183 6.3 8.7 13.1#



#79
Terphenyl-d14
Concen: 87.121 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG058628.D
Acq: 7 Aug 2023 15:37

Tgt Ion:244 Resp: 1353316
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.6 6.8 10.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.527 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: BG058628.D
 Acq: 7 Aug 2023 15:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-20-20230727

Tgt Ion:264 Resp: 358659
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.8 17.9 26.9

