

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058877.D
 Acq On : 28 Aug 2023 17:24
 Operator : MA/JU
 Sample : 04171-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FMI-134

Quant Time: Aug 29 01:14:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

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

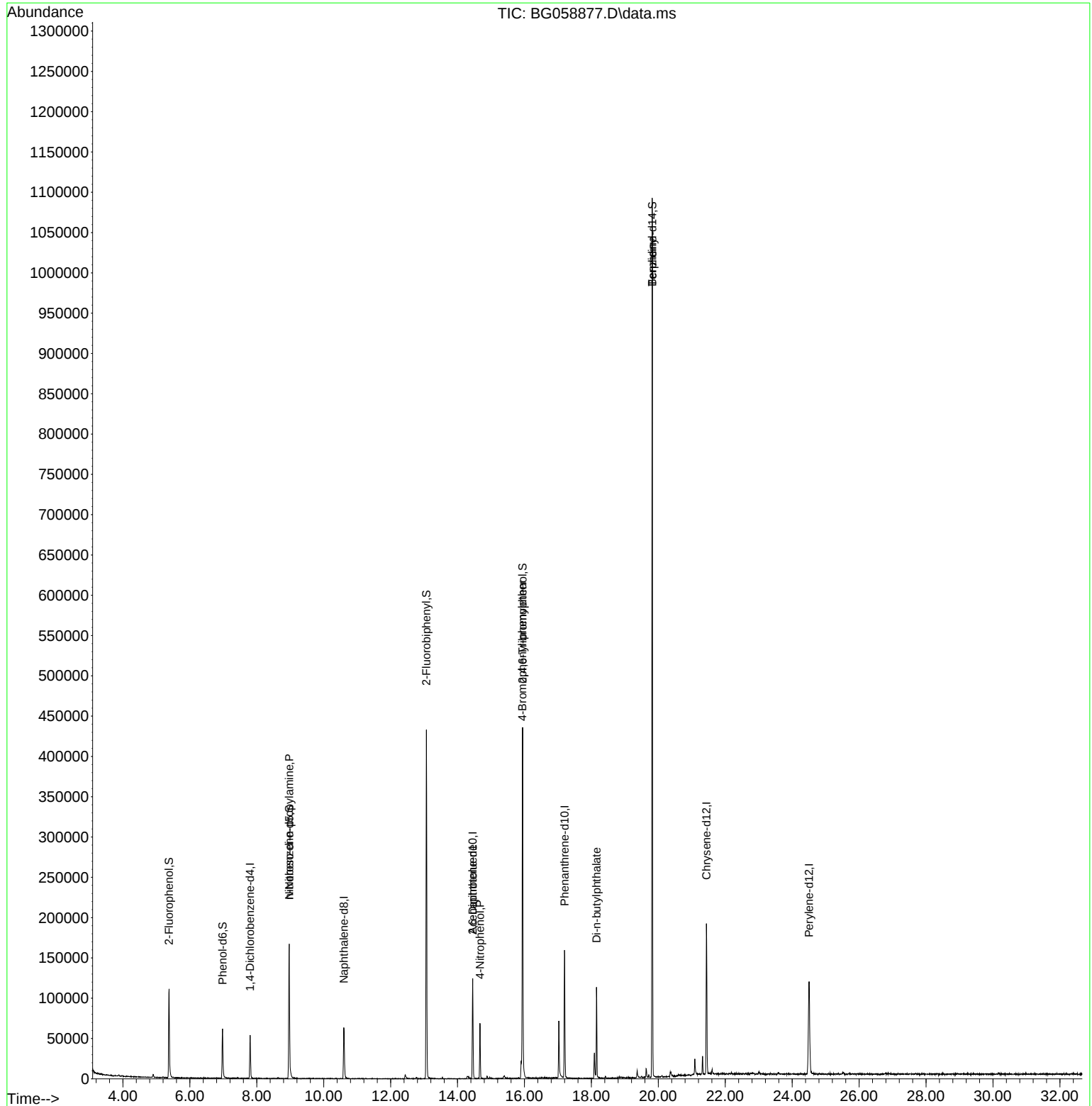
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	15744	20.000	ng	-0.03
21) Naphthalene-d8	10.603	136	61097	20.000	ng	#-0.03
39) Acenaphthene-d10	14.451	164	41761	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	108364	20.000	ng	-0.03
76) Chrysene-d12	21.437	240	112796	20.000	ng	-0.03
86) Perylene-d12	24.504	264	136882	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	50681	51.803	ng	-0.02
7) Phenol-d6	6.978	99	37877	27.595	ng	-0.03
23) Nitrobenzene-d5	8.970	82	106679	83.946	ng	-0.03
42) 2,4,6-Tribromophenol	15.944	330	95932	146.505	ng	-0.03
45) 2-Fluorobiphenyl	13.071	172	244898	85.293	ng	-0.03
79) Terphenyl-d14	19.816	244	557903	88.812	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.970	70	14070	15.858	ng	# 71
51) 2,6-Dinitrotoluene	14.451	165	5677	8.357	ng	# 30
56) 4-Nitrophenol	14.669	139	421	5.297	ng	# 1
67) 4-Bromophenyl-phenylether	15.938	248	5843	4.914	ng	# 1
74) Di-n-butylphthalate	18.153	149	79060	13.117	ng	99
77) Benzidine	19.816	184	8448	4.179	ng	# 88

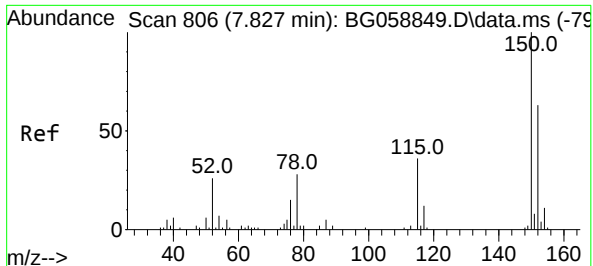
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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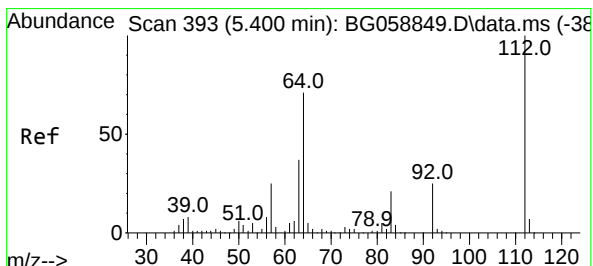
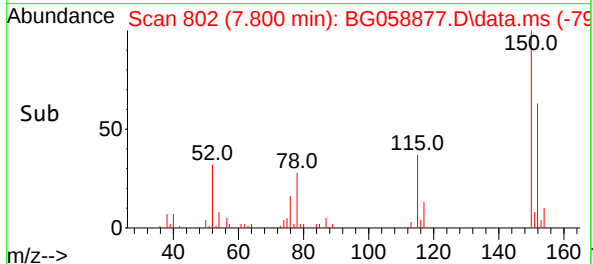
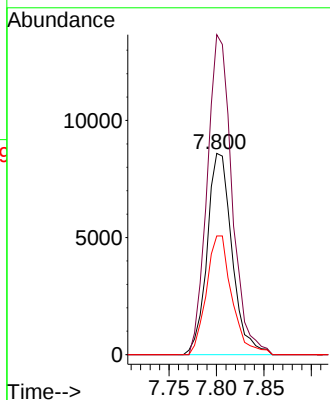
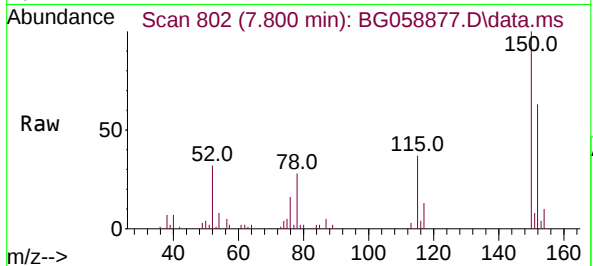




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.800 min Scan# 806
Delta R.T. -0.027 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

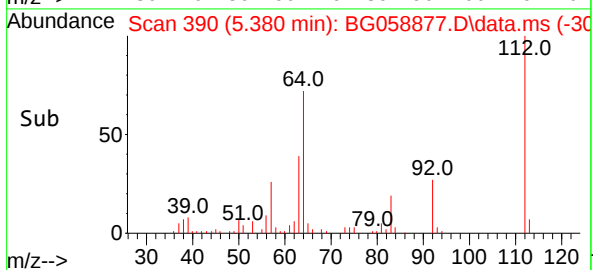
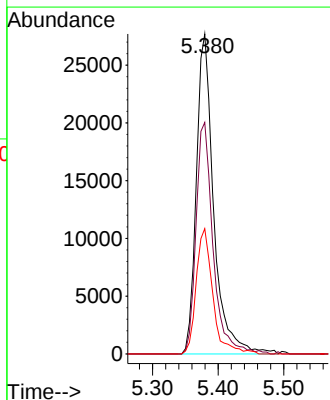
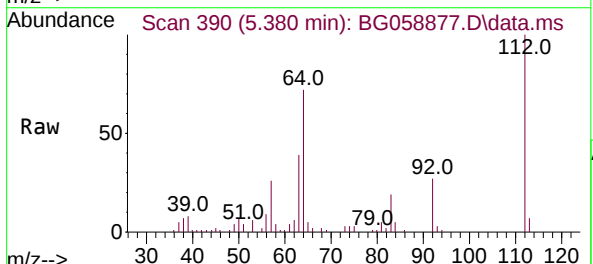
Instrument :
BNA_G
ClientSampleId :
FMI-134

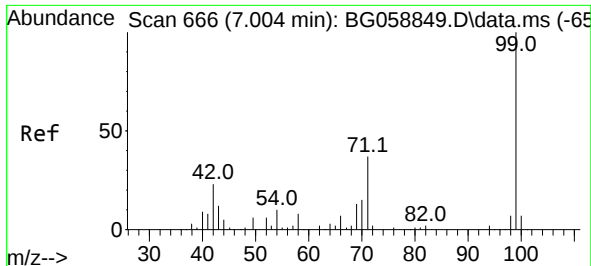
Tgt Ion:152 Resp: 15744
Ion Ratio Lower Upper
152 100
150 159.0 128.6 192.8
115 59.0 50.4 75.6



#5
2-Fluorophenol
Concen: 51.803 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.020 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

Tgt Ion:112 Resp: 50681
Ion Ratio Lower Upper
112 100
64 72.3 60.6 90.8
63 39.1 31.0 46.4

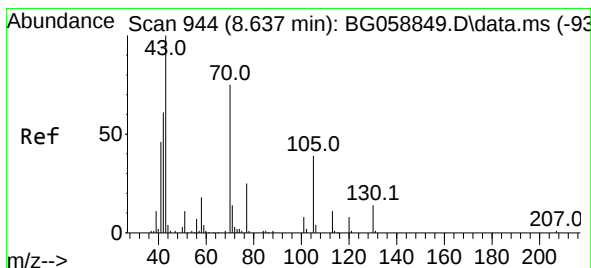
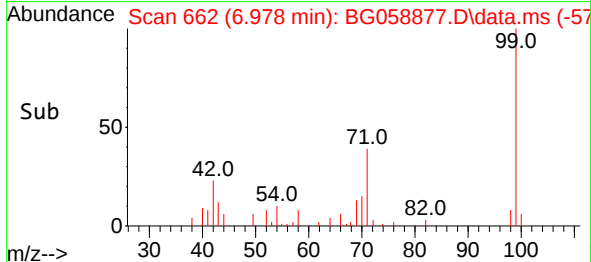
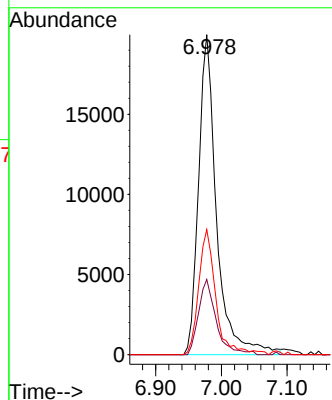
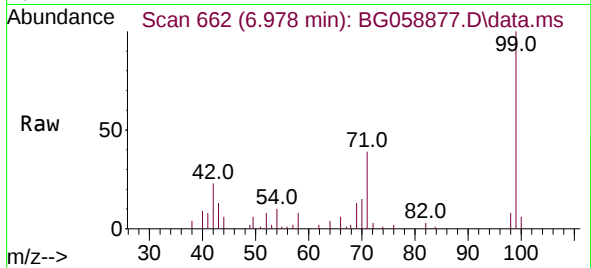




#7
Phenol-d6
Concen: 27.595 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.026 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

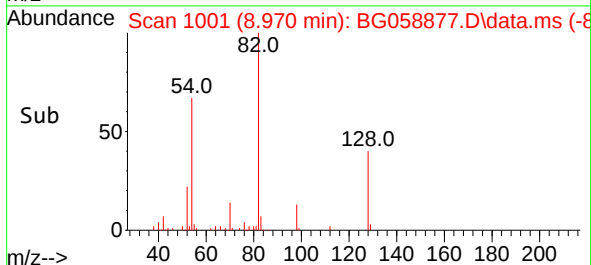
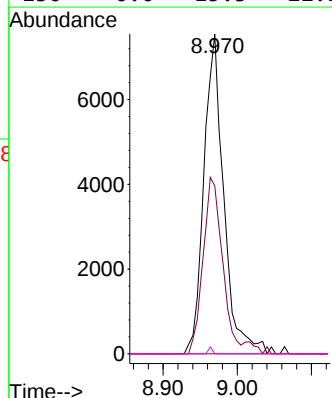
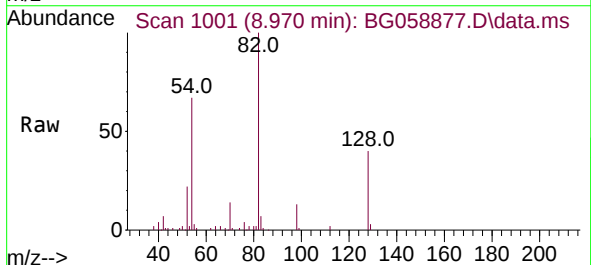
Instrument :
BNA_G
ClientSampleId :
FMI-134

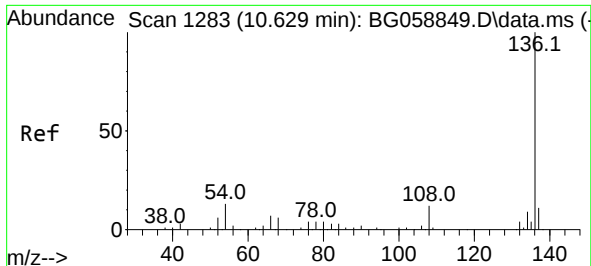
Tgt Ion: 99 Resp: 37877
Ion Ratio Lower Upper
99 100
42 23.5 16.5 24.7
71 39.1 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.858 ng
RT: 8.970 min Scan# 1001
Delta R.T. 0.332 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

Tgt Ion: 70 Resp: 14070
Ion Ratio Lower Upper
70 100
42 52.5 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

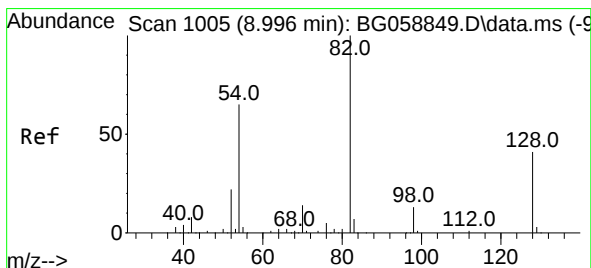
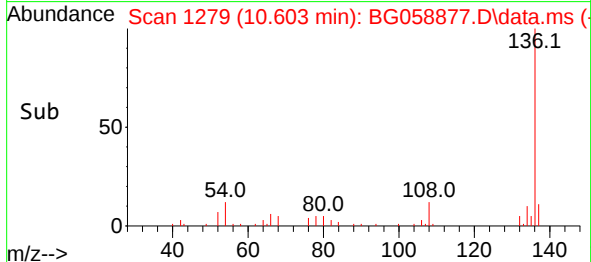
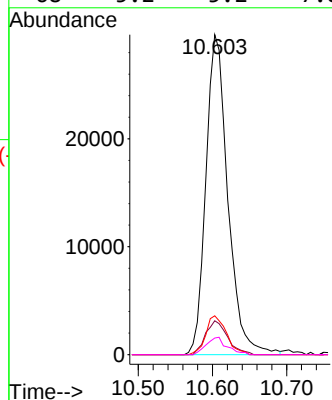
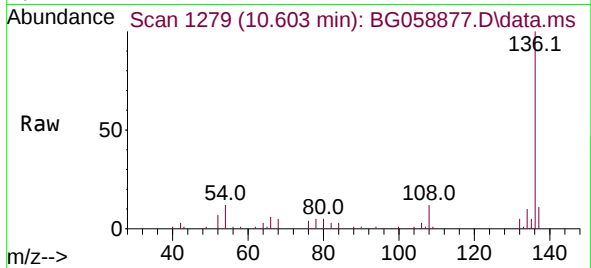




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

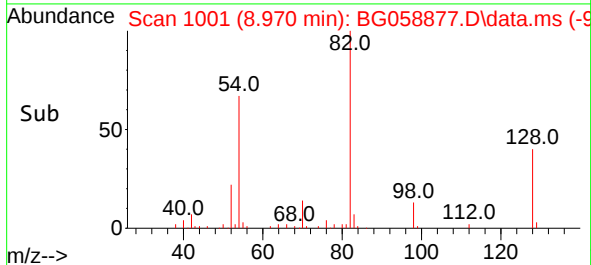
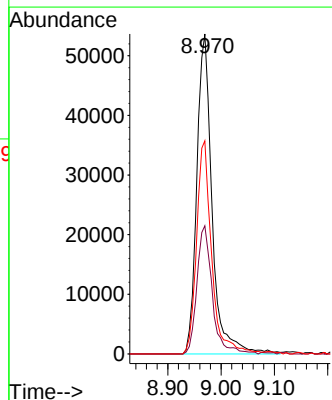
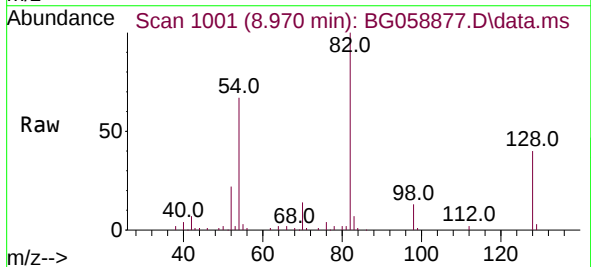
Instrument :
BNA_G
ClientSampleId :
FMI-134

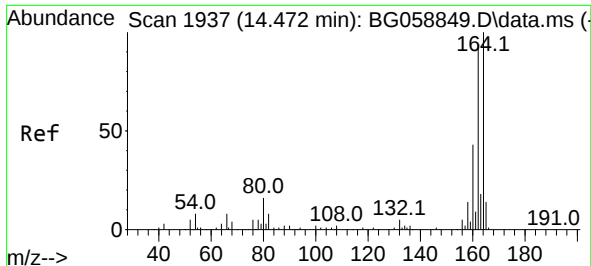
Tgt Ion:136	Resp: 61097
Ion Ratio	Lower Upper
136	100
137	10.6 8.7 13.1
54	12.1 10.1 15.1
68	5.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 83.946 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.026 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

Tgt Ion: 82	Resp: 106679
Ion Ratio	Lower Upper
82	100
128	40.0 33.2 49.8
54	66.6 51.2 76.8

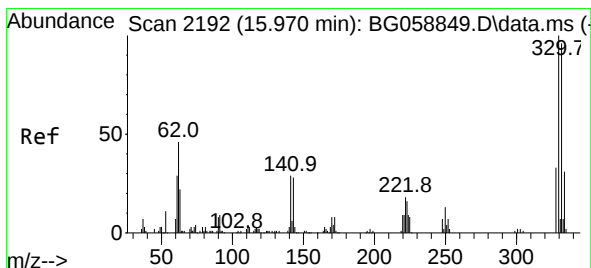
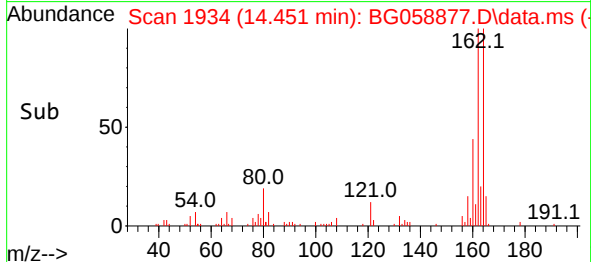
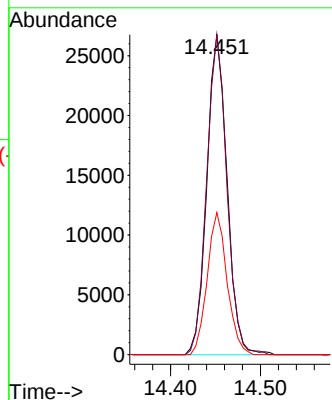
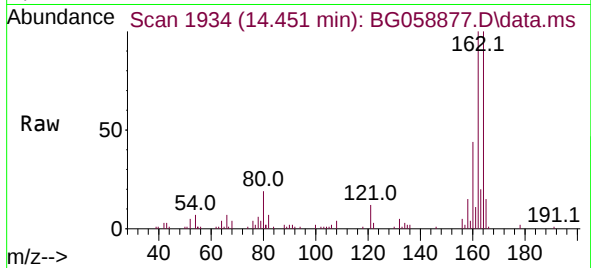




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.020 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

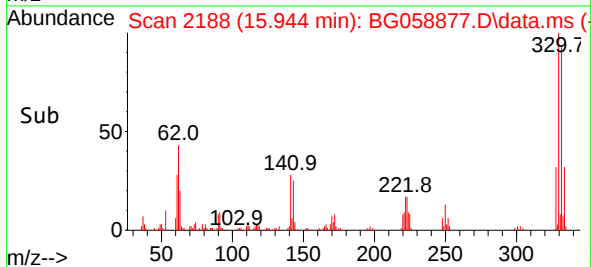
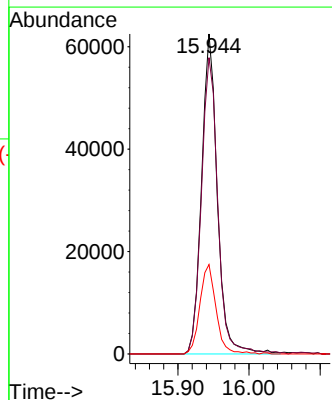
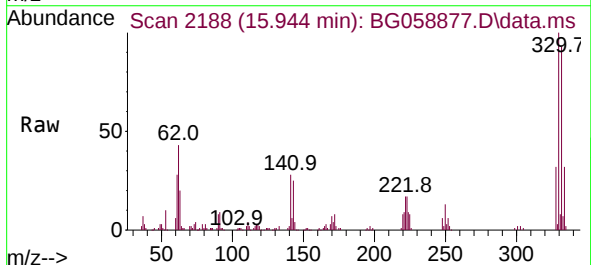
Instrument :
BNA_G
ClientSampleId :
FMI-134

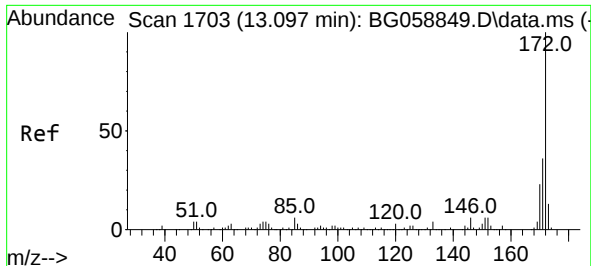
Tgt Ion:164 Resp: 41761
Ion Ratio Lower Upper
164 100
162 100.0 79.6 119.4
160 44.4 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 146.505 ng
RT: 15.944 min Scan# 2188
Delta R.T. -0.026 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

Tgt Ion:330 Resp: 95932
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 28.5 23.0 34.6

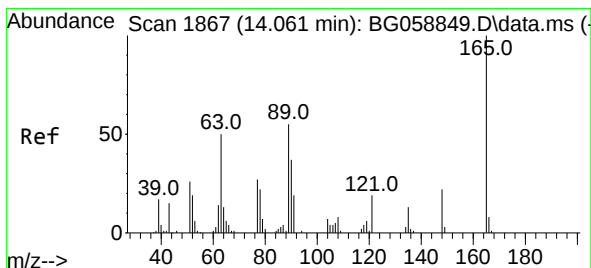
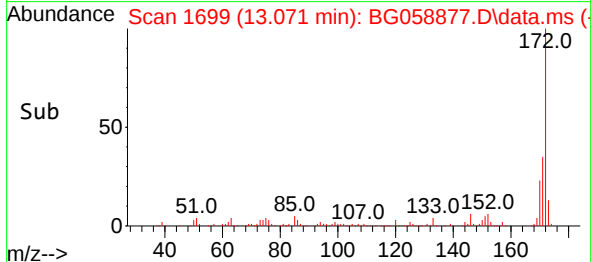
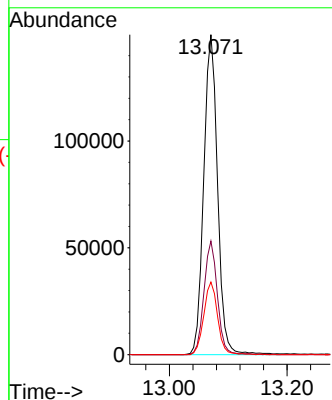
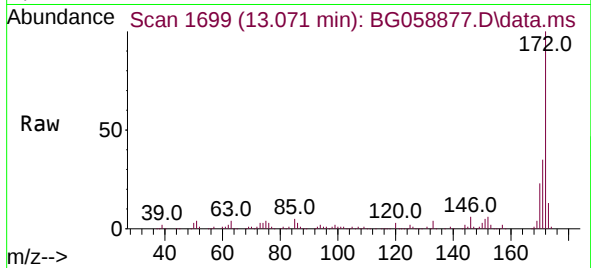




#45
2-Fluorobiphenyl
Concen: 85.293 ng
RT: 13.071 min Scan# 10
Delta R.T. -0.026 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

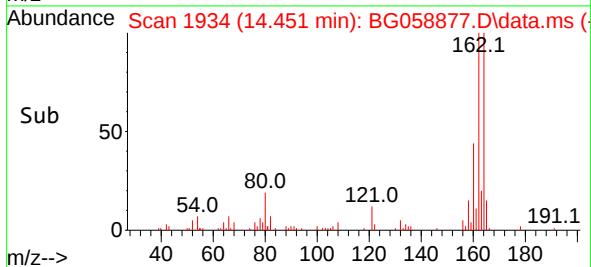
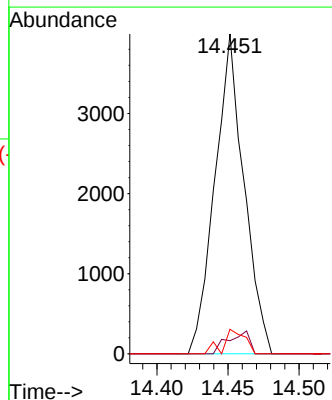
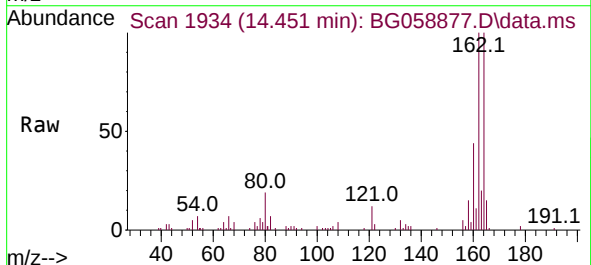
Instrument :
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ClientSampleId :
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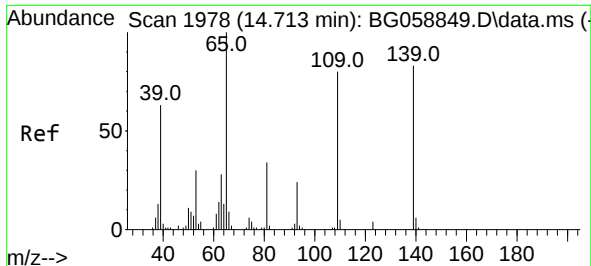
Tgt Ion:172 Resp: 244898
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 22.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.357 ng
RT: 14.451 min Scan# 1934
Delta R.T. 0.391 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

Tgt Ion:165 Resp: 5677
Ion Ratio Lower Upper
165 100
63 4.1 47.2 70.8#
89 7.7 45.0 67.4#

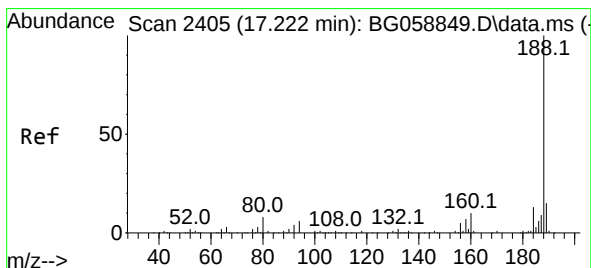
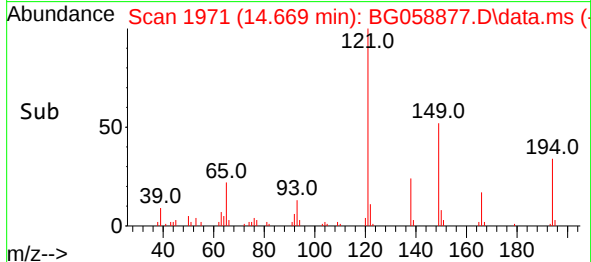
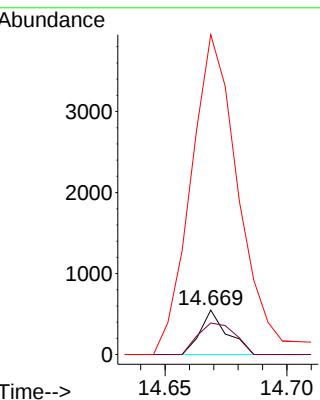
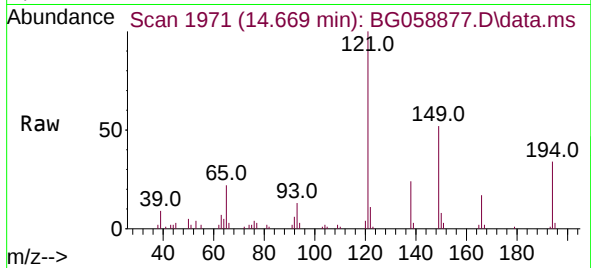




#56
4-Nitrophenol
Concen: 5.297 ng
RT: 14.669 min Scan# 1978
Delta R.T. -0.044 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

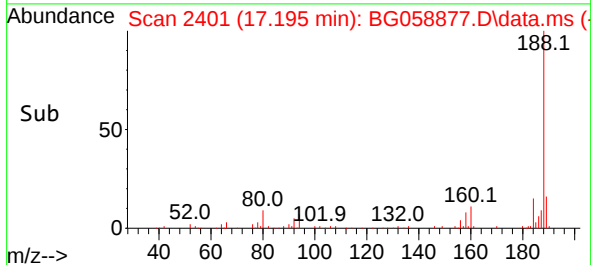
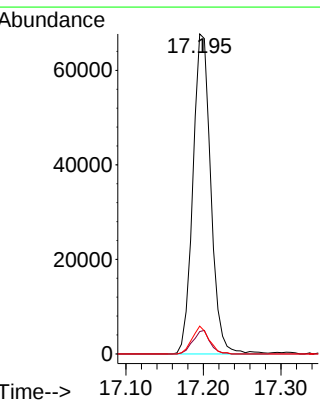
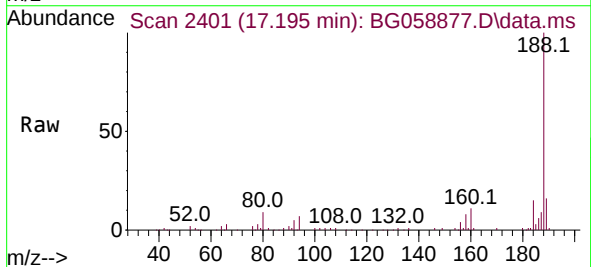
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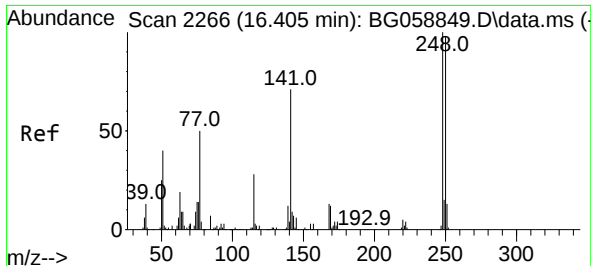
Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.9	71.9	111.9#
65	719.5	100.7	140.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2401
Delta R.T. -0.026 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.1	9.1
80	8.7	6.9	10.3

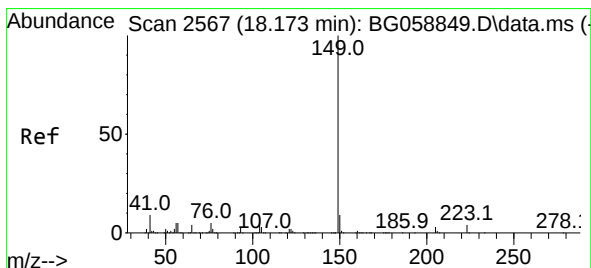
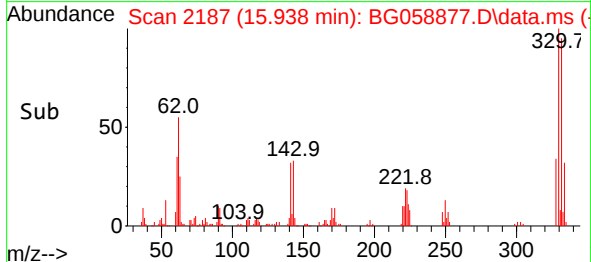
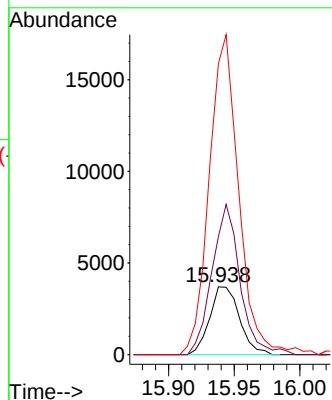
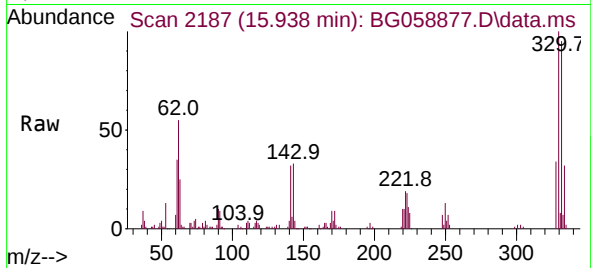




#67
4-Bromophenyl-phenylether
Concen: 4.914 ng
RT: 15.938 min Scan# 2187
Delta R.T. -0.467 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

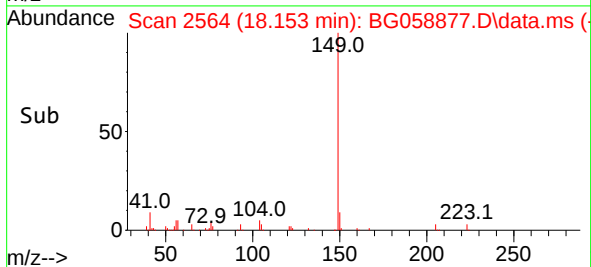
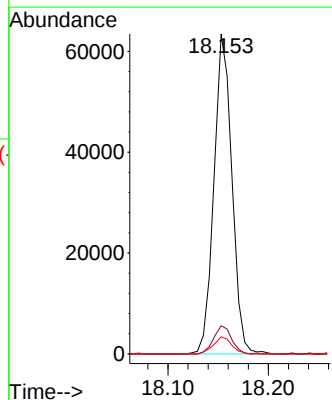
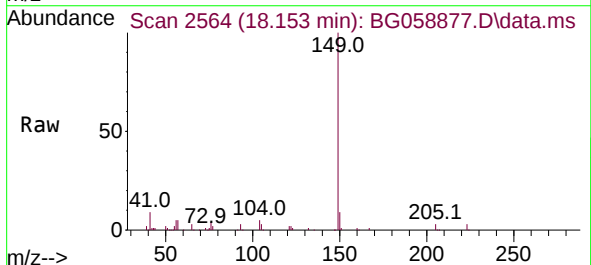
Instrument :
BNA_G
ClientSampleId :
FMI-134

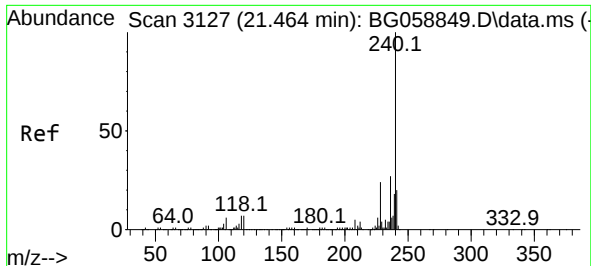
Tgt Ion:248 Resp: 5843
Ion Ratio Lower Upper
248 100
250 174.4 77.7 116.5#
141 429.4 53.6 80.4#



#74
Di-n-butylphthalate
Concen: 13.117 ng
RT: 18.153 min Scan# 2564
Delta R.T. -0.020 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

Tgt Ion:149 Resp: 79060
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 5.3 4.3 6.5

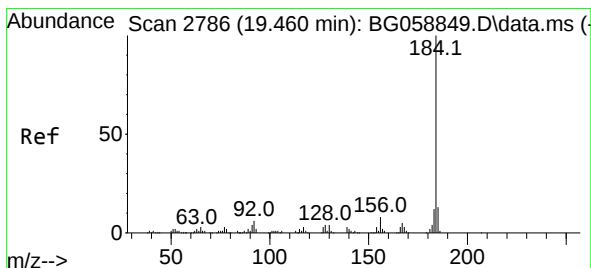
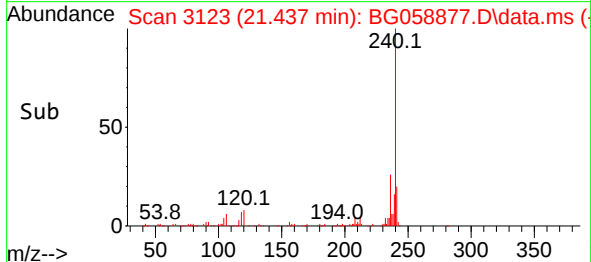
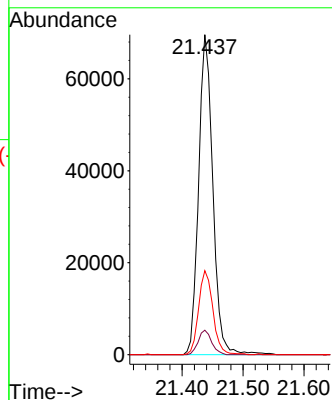
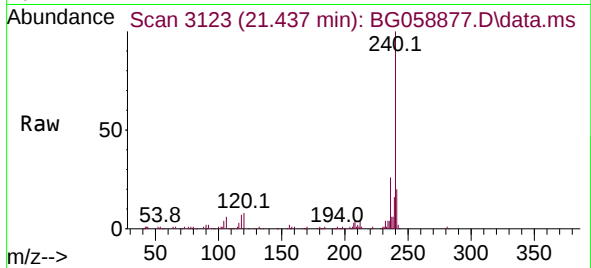




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 31
Delta R.T. -0.026 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

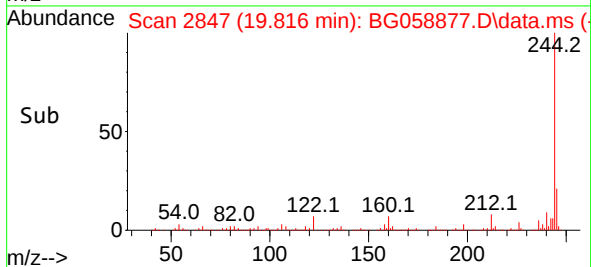
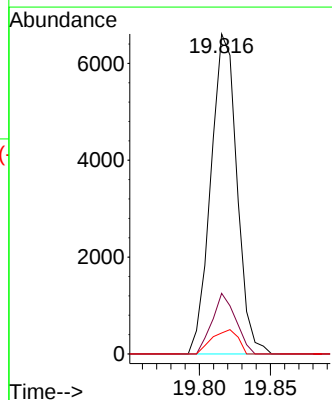
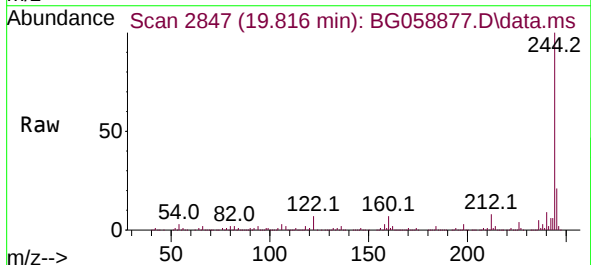
Instrument :
BNA_G
ClientSampleId :
FMI-134

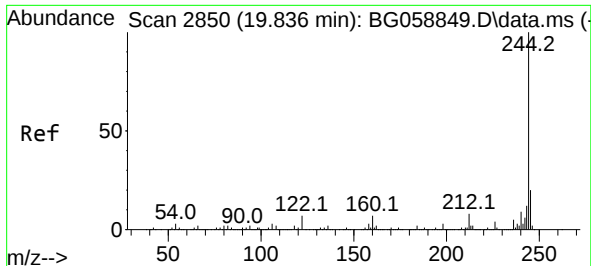
Tgt Ion:240 Resp: 112796
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 26.2 20.5 30.7



#77
Benzidine
Concen: 4.179 ng
RT: 19.816 min Scan# 2847
Delta R.T. 0.356 min
Lab File: BG058877.D
Acq: 28 Aug 2023 17:24

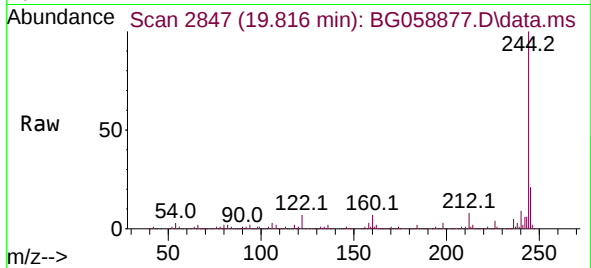
Tgt Ion:184 Resp: 8448
Ion Ratio Lower Upper
184 100
185 18.9 11.9 17.9#
183 6.5 10.0 15.0#



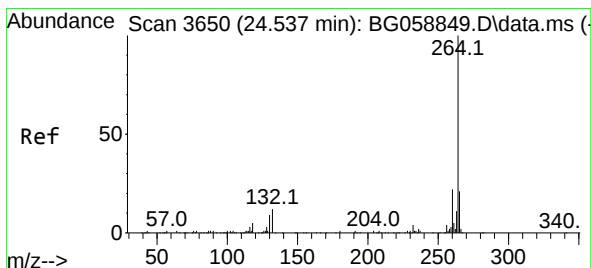
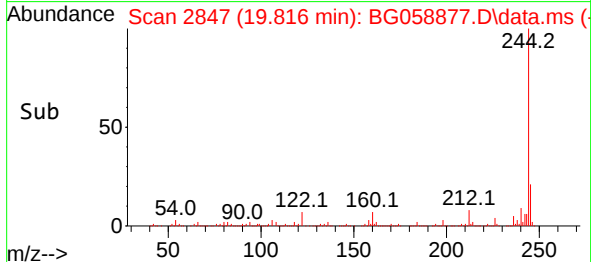
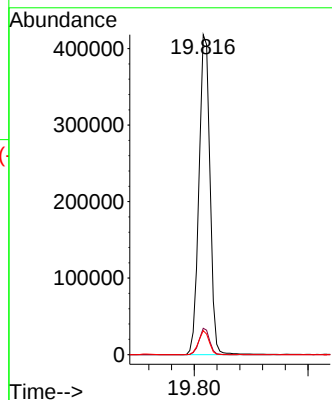


#79
 Terphenyl-d14
 Concen: 88.812 ng
 RT: 19.816 min Scan# 2847
 Delta R.T. -0.020 min
 Lab File: BG058877.D
 Acq: 28 Aug 2023 17:24

Instrument :
 BNA_G
 ClientSampleId :
 FMI-134



Tgt Ion:244 Resp: 557903
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 7.5 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.504 min Scan# 3645
 Delta R.T. -0.032 min
 Lab File: BG058877.D
 Acq: 28 Aug 2023 17:24

Tgt Ion:264 Resp: 136882
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 21.2 16.4 24.6

