

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039130.D
 Acq On : 23 Mar 2023 23:51
 Operator : CG/JU
 Sample : 01998-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 10TH-ST-SUBSTATION-TP2

Quant Time: Mar 24 04:35:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	254820	20.000	ng	-0.01
21) Naphthalene-d8	10.769	136	1001523	20.000	ng	-0.01
39) Acenaphthene-d10	14.598	164	573023	20.000	ng	-0.01
64) Phenanthrene-d10	17.345	188	1176773	20.000	ng	0.00
76) Chrysene-d12	21.533	240	983046	20.000	ng	0.00
86) Perylene-d12	23.962	264	1160302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1428650	85.179	ng	0.00
7) Phenol-d6	7.122	99	1809960	83.081	ng	0.00
23) Nitrobenzene-d5	9.128	82	1136156	55.724	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	613402	92.534	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	2370005	53.842	ng	0.00
79) Terphenyl-d14	19.968	244	3277200	60.951	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.886	139	54	2.996	ng	# 1
31) Naphthalene	10.822	128	526419	9.218	ng	100
32) Benzoic acid	9.951	122	4894	6.092	ng	# 48
33) 4-Chloroaniline	10.822	127	67807	2.786	ng	# 31
37) 2-Methylnaphthalene	12.428	142	209108	5.463	ng	97
38) 1-Methylnaphthalene	12.645	142	177426	4.946	ng	99
48) 2-Nitroaniline	13.663	65	498	2.256	ng	# 65
49) Acenaphthylene	14.322	152	305626	5.242	ng	98
52) Acenaphthene	14.663	154	411414	11.481	ng	100
54) 2,4-Dinitrophenol	14.545	184	57	5.200	ng	# 1
55) Dibenzofuran	14.998	168	476109	8.490	ng	97
56) 4-Nitrophenol	14.998	139	182735	20.867	ng	# 8
57) 2,4-Dinitrotoluene	14.951	165	1235	2.163	ng	# 61
58) Fluorene	15.645	166	515069	11.726	ng	100
63) Azobenzene	15.957	77	246951	5.440	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.763	198	54	5.094	ng	# 1
71) Phenanthrene	17.392	178	8090690	117.145	ng	99
72) Anthracene	17.480	178	1860131	27.007	ng	99
73) Carbazole	17.751	167	965922	15.366	ng	99
74) Di-n-butylphthalate	18.315	149	36959	2.263	ng	# 90
75) Fluoranthene	19.409	202	11349707	155.641	ng	97
77) Benzidine	19.580	184	1133	4.922	ng	# 1
78) Pyrene	19.774	202	10344110	140.098	ng	98
80) Butylbenzylphthalate	20.656	149	78241	5.636	ng	89
81) Benzo(a)anthracene	21.515	228	5706072	80.601	ng	96
83) Chrysene	21.568	228	5209514	75.661	ng	97
84) Bis(2-ethylhexyl)phtha...	21.433	149	111435	4.813	ng	100
85) Di-n-octyl phthalate	22.368	149	3290	3.837	ng	# 77
87) Indeno(1,2,3-cd)pyrene	26.509	276	3504091	39.688	ng	96
88) Benzo(b)fluoranthene	23.233	252	6705633	90.460	ng	98
89) Benzo(k)fluoranthene	23.233	252	6705633	86.923	ng	98
90) Benzo(a)pyrene	23.862	252	5122047	71.795	ng	99
91) Dibenzo(a,h)anthracene	26.509	278	964947	12.905	ng	# 79
92) Benzo(g,h,i)perylene	27.297	276	3389309	46.332	ng	99

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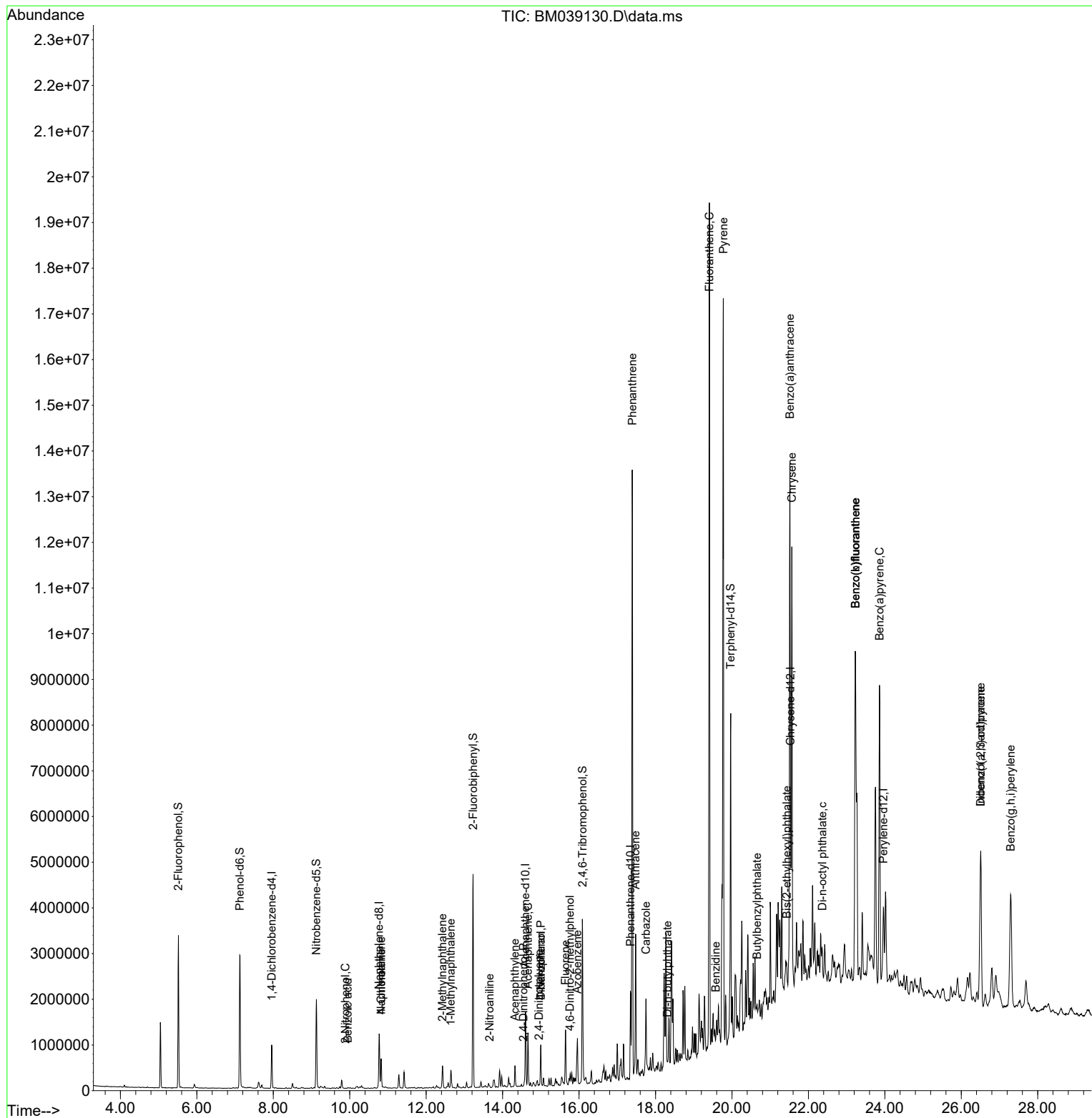
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

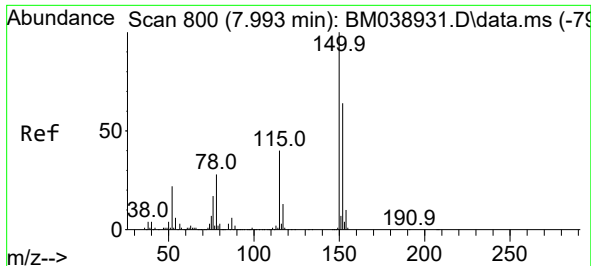
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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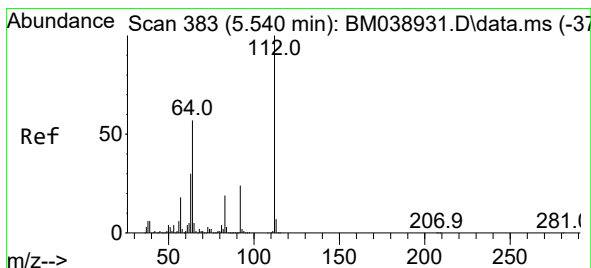
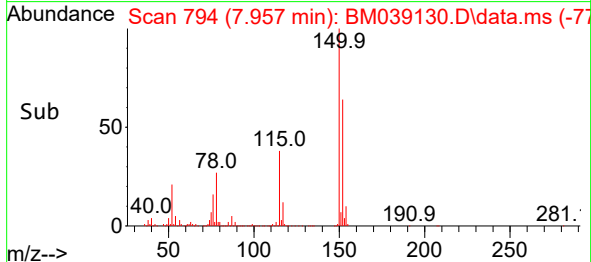
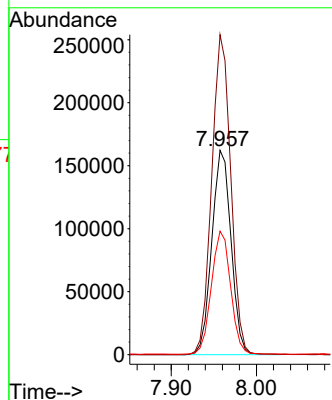
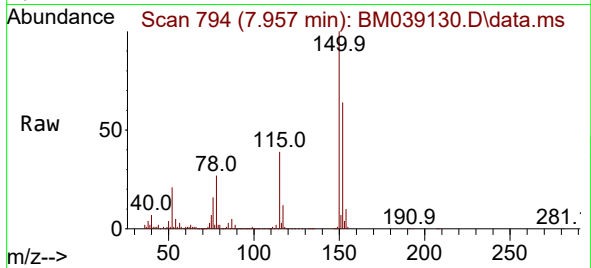




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 794
Delta R.T. -0.012 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

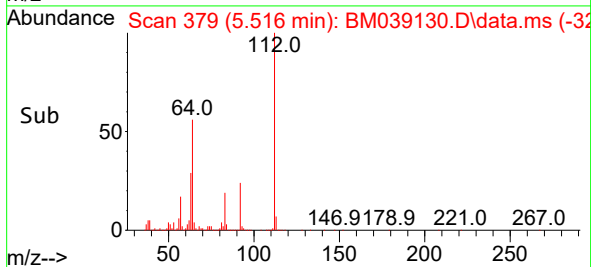
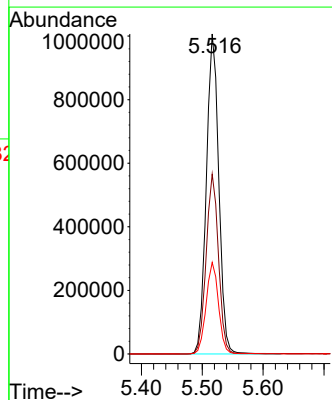
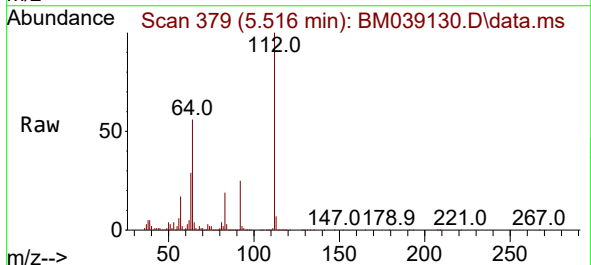
Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

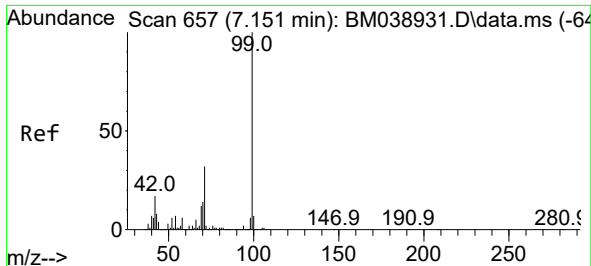
Tgt Ion:152 Resp: 254820
Ion Ratio Lower Upper
152 100
150 156.6 125.1 187.7
115 60.5 49.6 74.4



#5
2-Fluorophenol
Concen: 85.179 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.006 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:112 Resp: 1428650
Ion Ratio Lower Upper
112 100
64 56.2 45.9 68.9
63 28.6 23.8 35.8

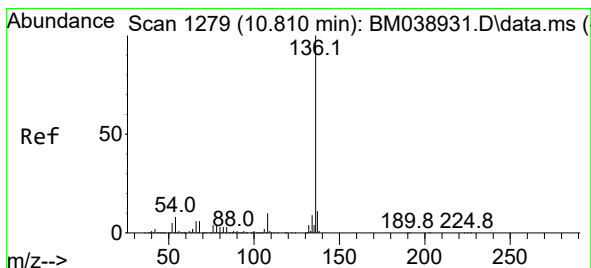
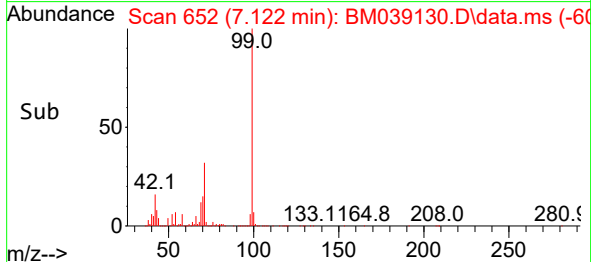
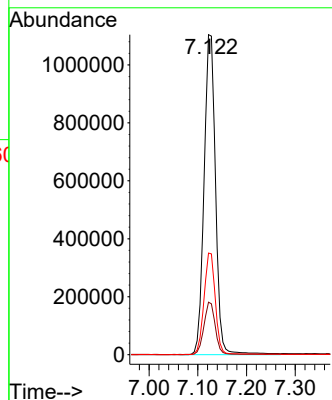
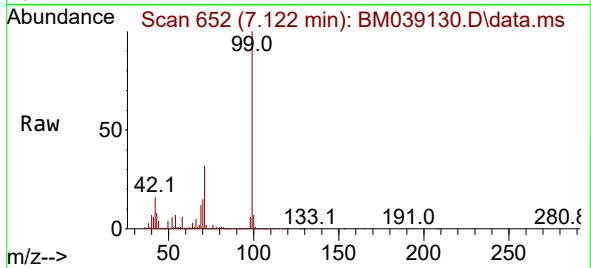




#7
Phenol-d6
Concen: 83.081 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

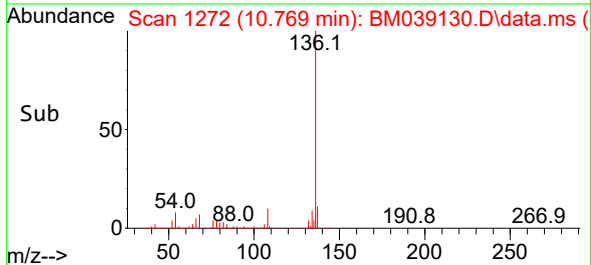
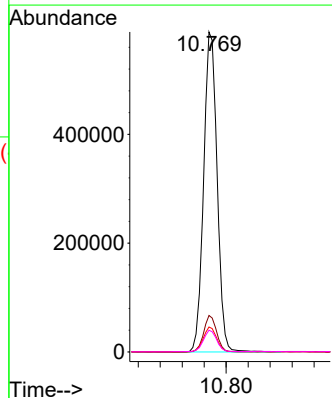
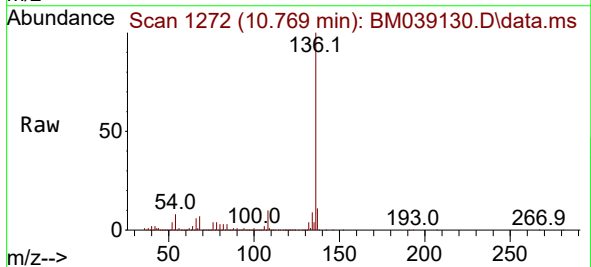
Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

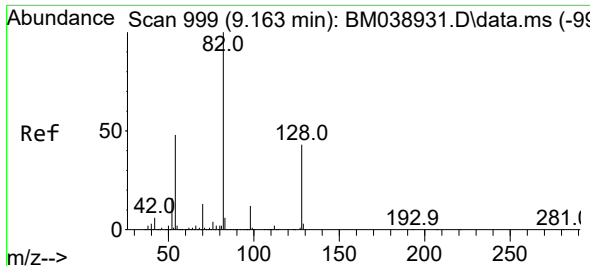
Tgt Ion: 99 Resp: 1809960
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1272
Delta R.T. -0.012 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion: 136 Resp: 1001523
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.8 6.3 9.5
68 6.8 5.0 7.6

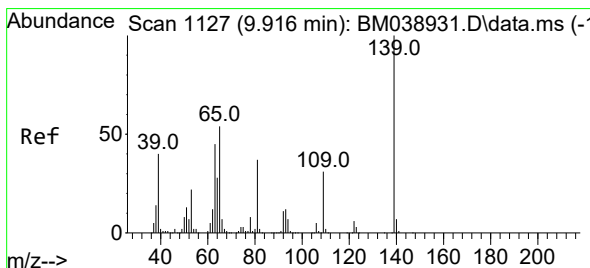
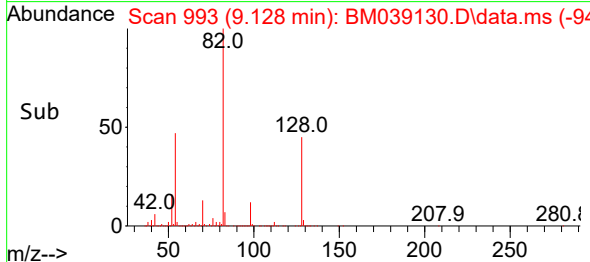
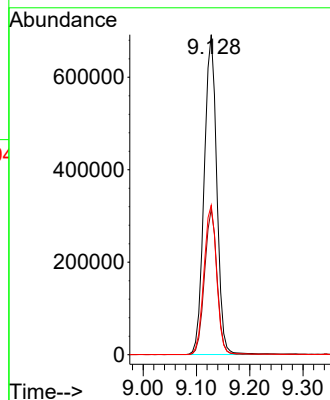
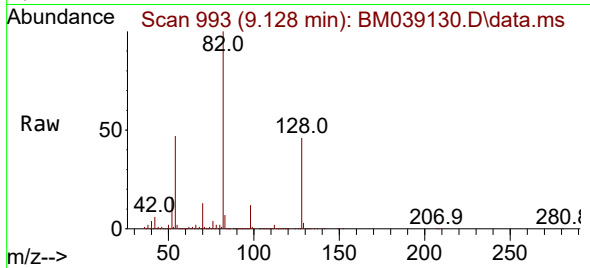




#23
Nitrobenzene-d5
Concen: 55.724 ng
RT: 9.128 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

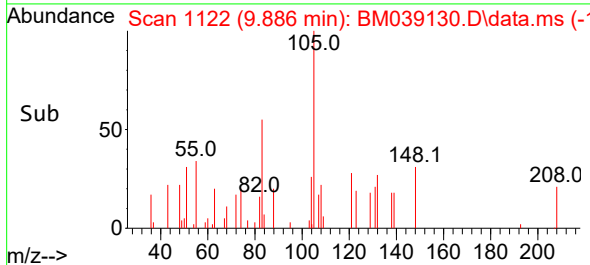
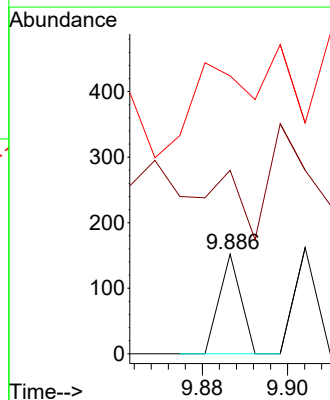
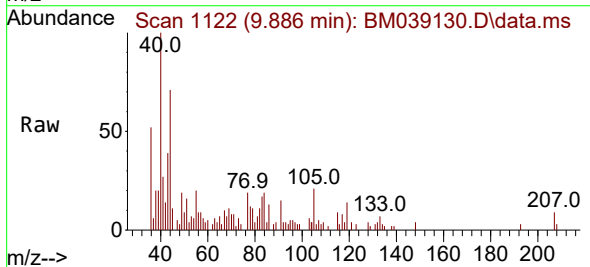
Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

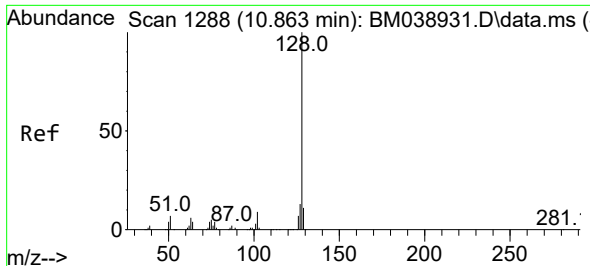
Tgt Ion: 82 Resp: 1136156
Ion Ratio Lower Upper
82 100
128 45.5 34.4 51.6
54 46.7 38.8 58.2



#26
2-Nitrophenol
Concen: 2.996 ng
RT: 9.886 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 184.2 24.5 36.7#
65 278.9 43.0 64.6#

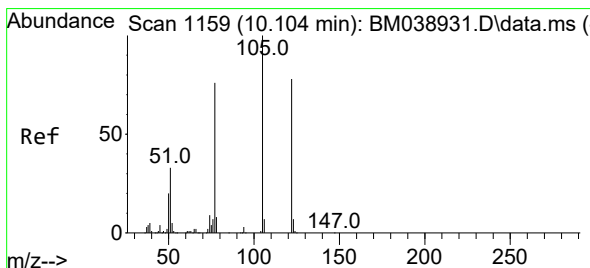
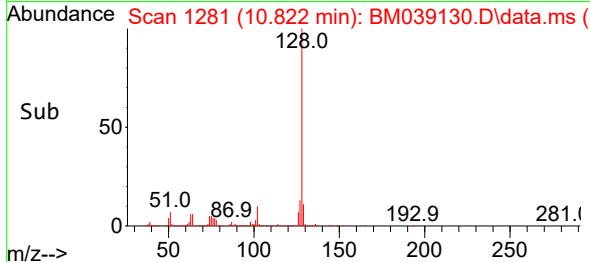
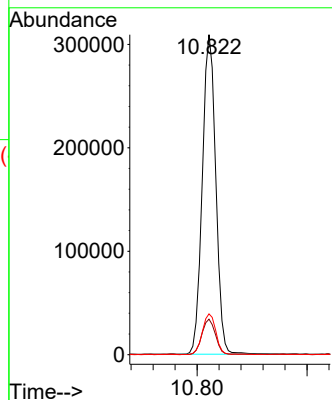
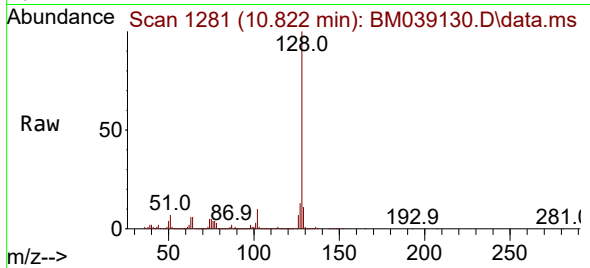




#31
Naphthalene
Concen: 9.218 ng
RT: 10.822 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

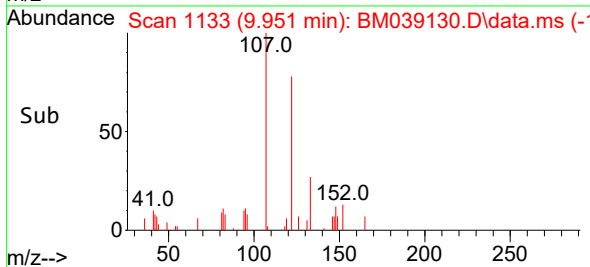
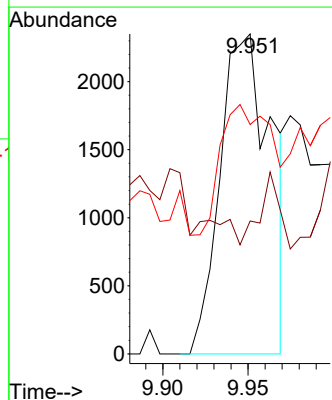
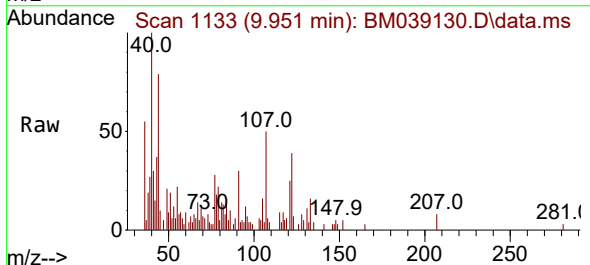
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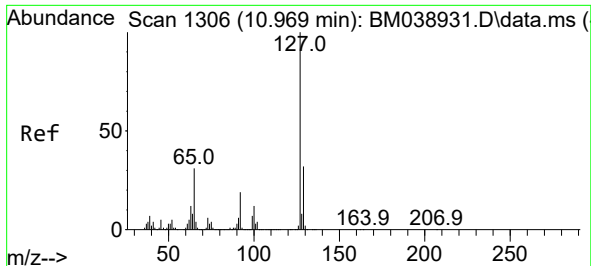
Tgt Ion:128 Resp: 526419
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.7 10.2 15.4



#32
Benzoic acid
Concen: 6.092 ng
RT: 9.951 min Scan# 1133
Delta R.T. -0.135 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:122 Resp: 4894
Ion Ratio Lower Upper
122 100
105 41.5 104.2 144.2#
77 71.7 75.1 115.1#

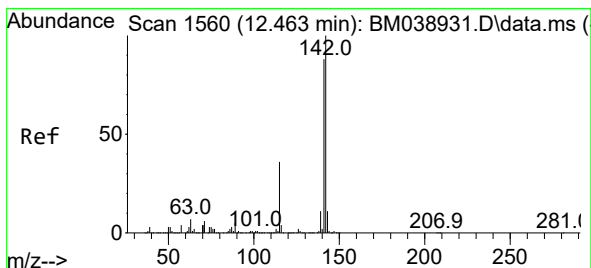
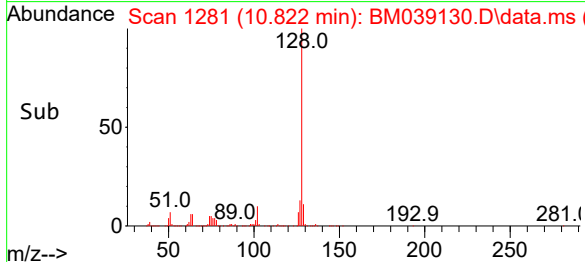
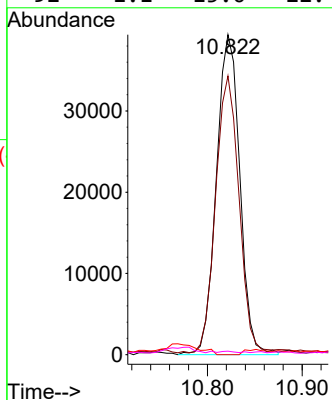
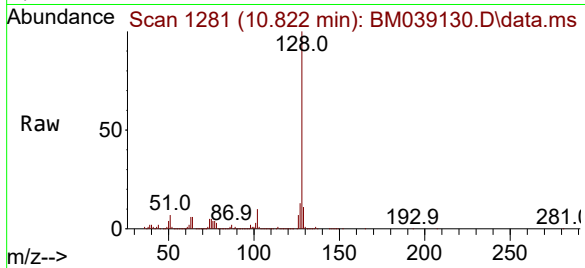




#33
4-Chloroaniline
Concen: 2.786 ng
RT: 10.822 min Scan# 11
Delta R.T. -0.118 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

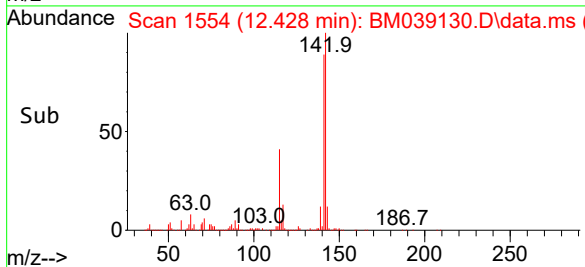
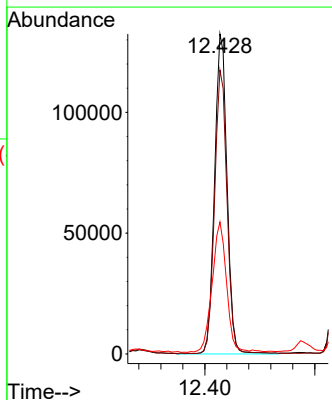
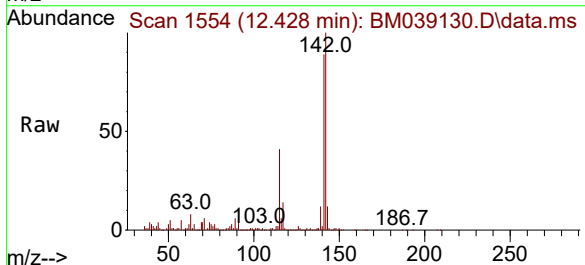
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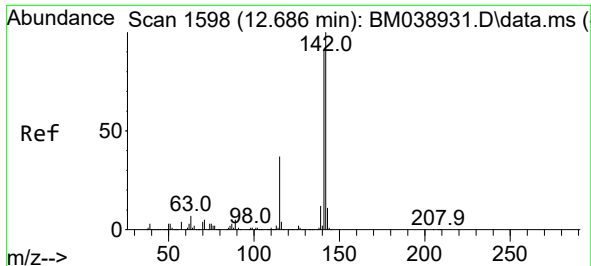
Tgt Ion:127 Resp: 67807
Ion Ratio Lower Upper
127 100
129 87.1 25.4 38.2#
65 0.0 24.4 36.6#
92 1.1 15.0 22.4#



#37
2-Methylnaphthalene
Concen: 5.463 ng
RT: 12.428 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:142 Resp: 209108
Ion Ratio Lower Upper
142 100
141 88.7 70.6 106.0
115 41.3 28.5 42.7

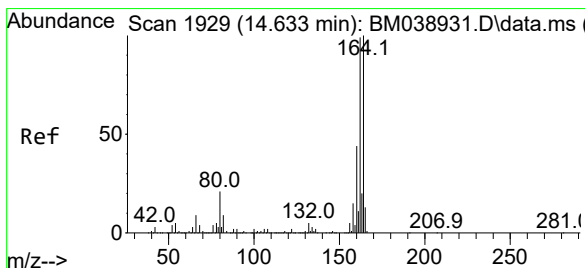
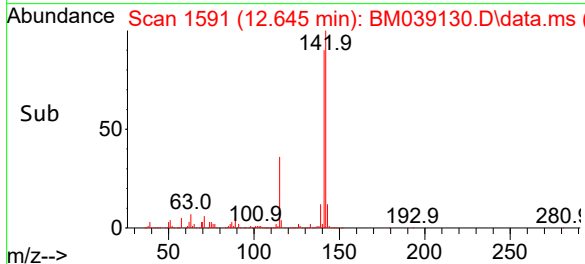
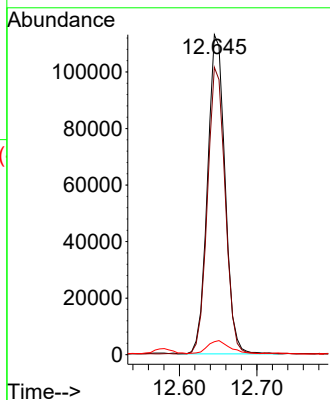
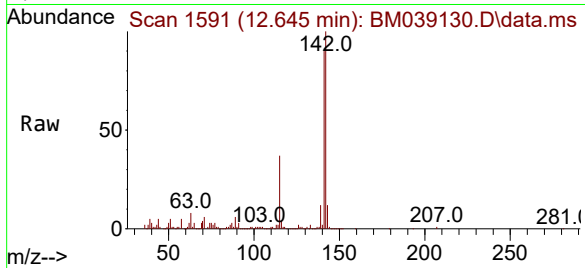




#38
1-Methylnaphthalene
Concen: 4.946 ng
RT: 12.645 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

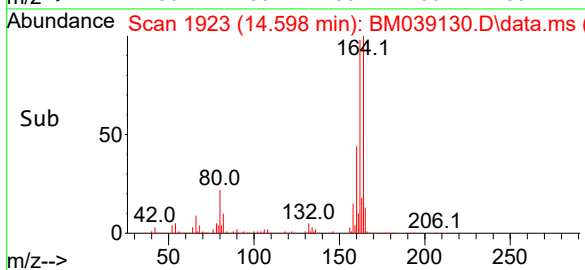
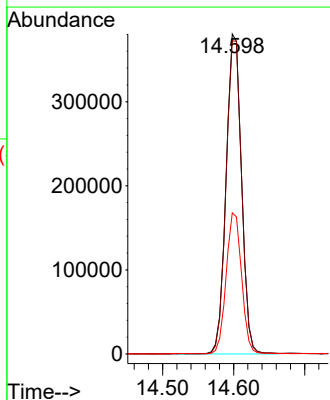
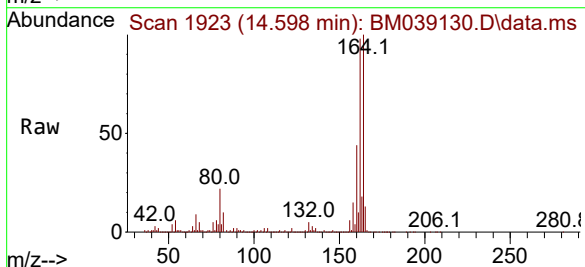
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ClientSampleId :
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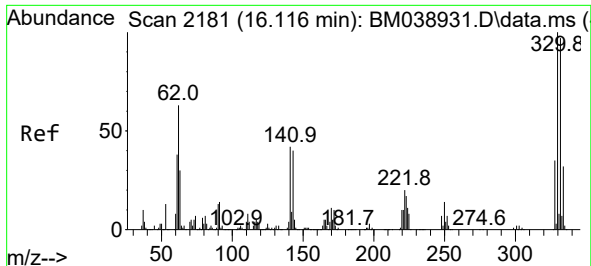
Tgt Ion:142 Resp: 177426
Ion Ratio Lower Upper
142 100
141 89.8 72.8 109.2
116 4.1 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:164 Resp: 573023
Ion Ratio Lower Upper
164 100
162 97.9 79.2 118.8
160 44.1 35.5 53.3

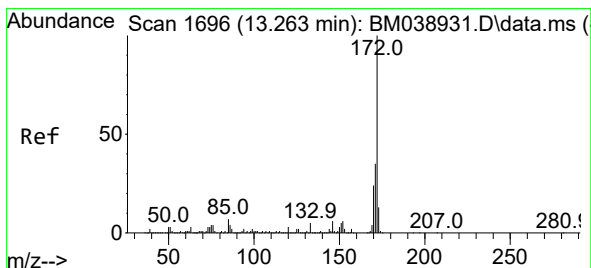
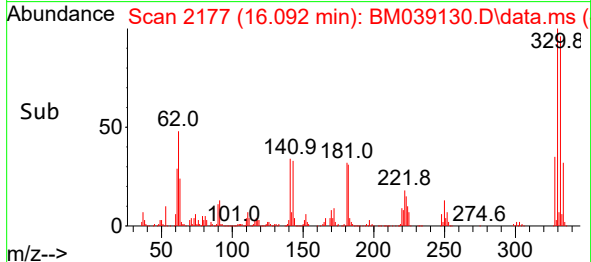
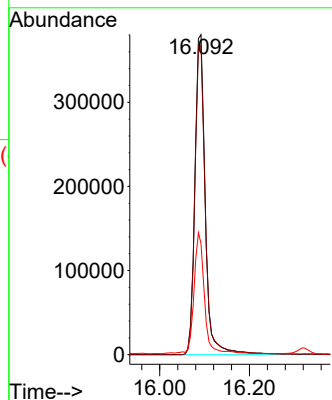
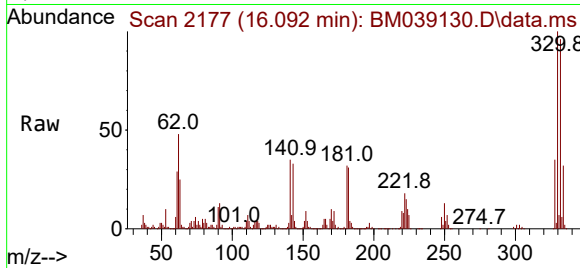




#42
2,4,6-Tribromophenol
Concen: 92.534 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

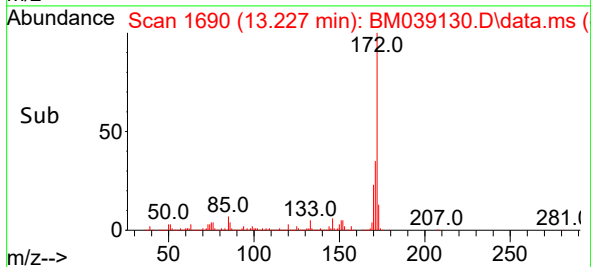
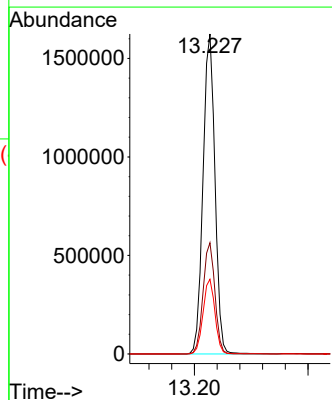
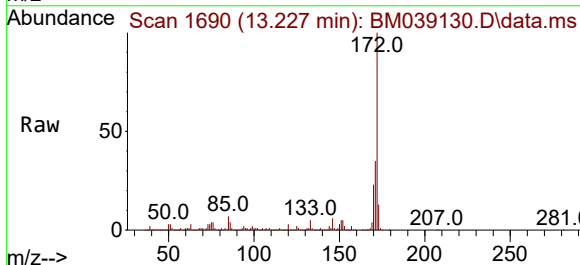
Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

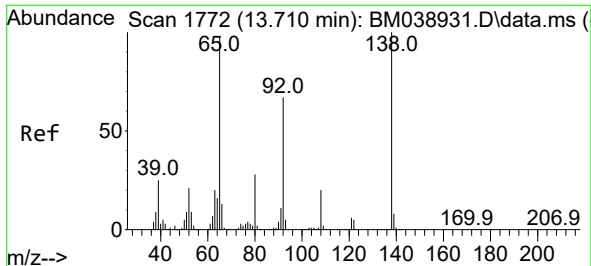
Tgt Ion:330 Resp: 613402
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 37.9 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 53.842 ng
RT: 13.227 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:172 Resp: 2370005
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.3 19.1 28.7

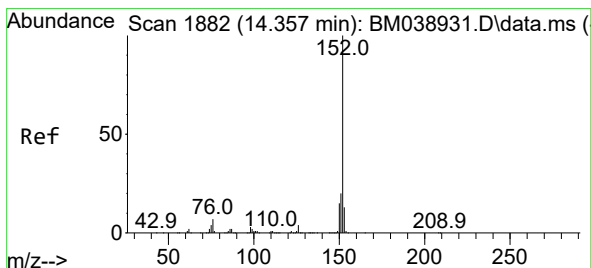
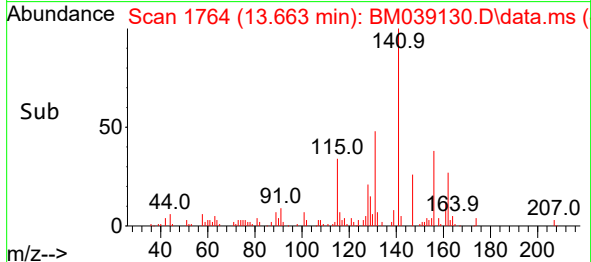
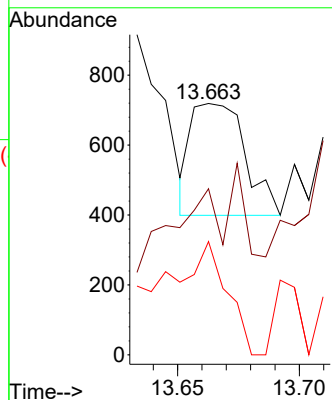
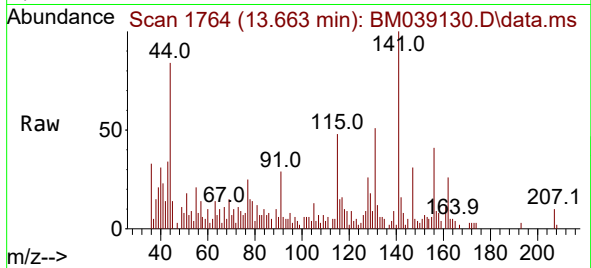




#48
2-Nitroaniline
Concen: 2.256 ng
RT: 13.663 min Scan# 11
Delta R.T. -0.029 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

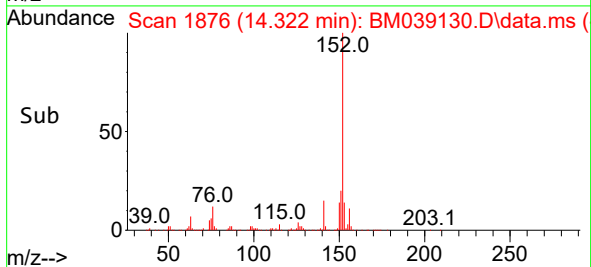
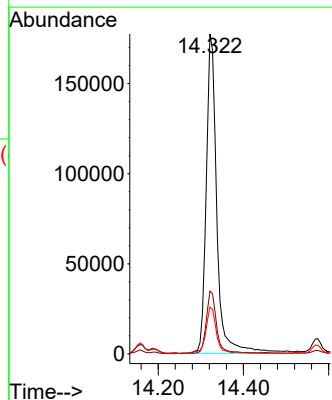
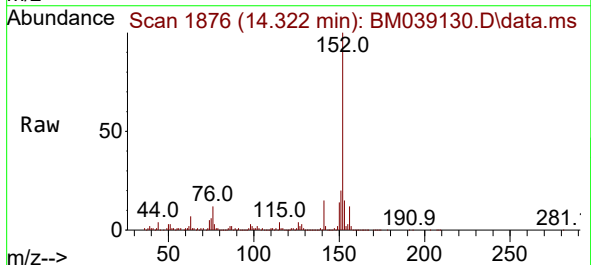
Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

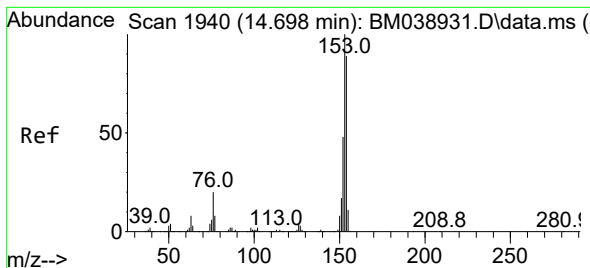
Tgt Ion: 65 Resp: 498
Ion Ratio Lower Upper
65 100
92 66.1 54.9 82.3
138 45.1 81.6 122.4#



#49
Acenaphthylene
Concen: 5.242 ng
RT: 14.322 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:152 Resp: 305626
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 14.7 10.4 15.6





#52

Acenaphthene

Concen: 11.481 ng

RT: 14.663 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

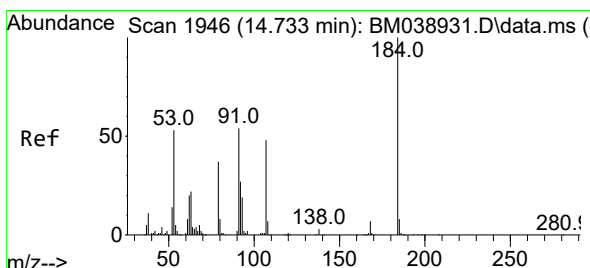
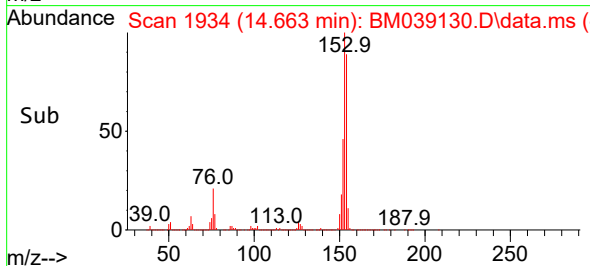
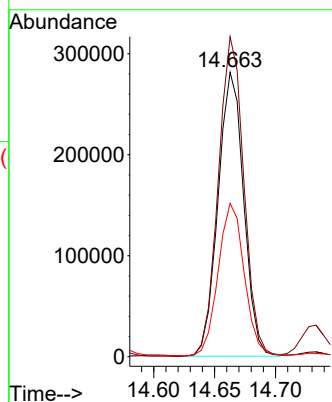
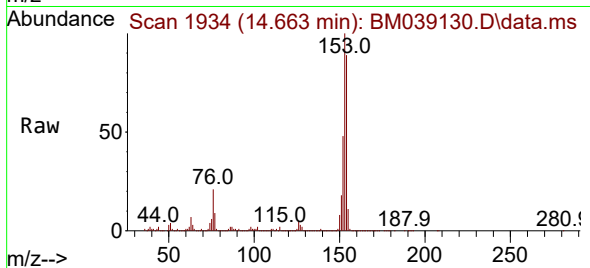
Tgt Ion:154 Resp: 411414

Ion Ratio Lower Upper

154 100

153 112.5 90.2 135.2

152 53.9 43.4 65.2



#54

2,4-Dinitrophenol

Concen: 5.200 ng

RT: 14.545 min Scan# 1914

Delta R.T. -0.171 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

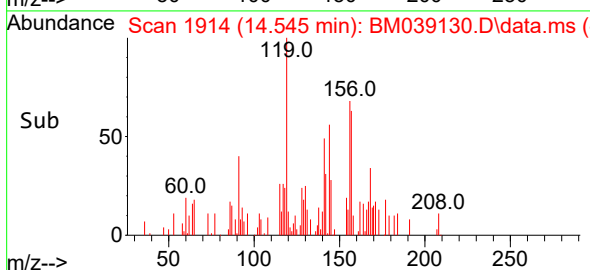
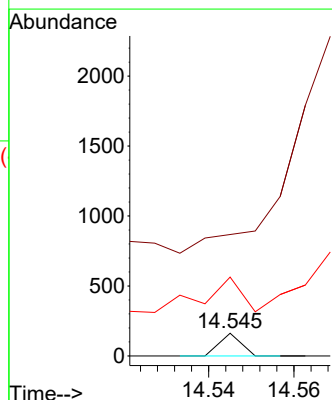
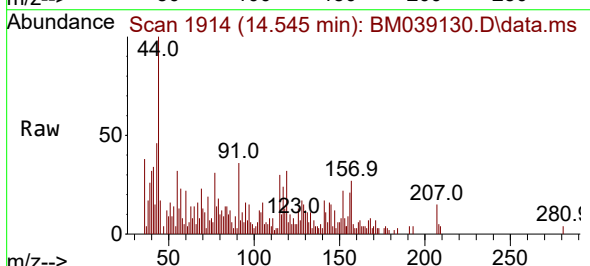
Tgt Ion:184 Resp: 57

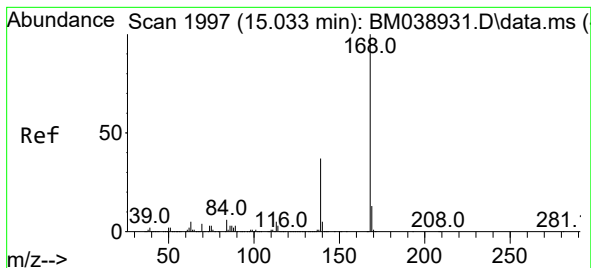
Ion Ratio Lower Upper

184 100

63 535.8 60.6 90.8#

154 347.5 51.4 77.2#





#55

Dibenzenofuran

Concen: 8.490 ng

RT: 14.998 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

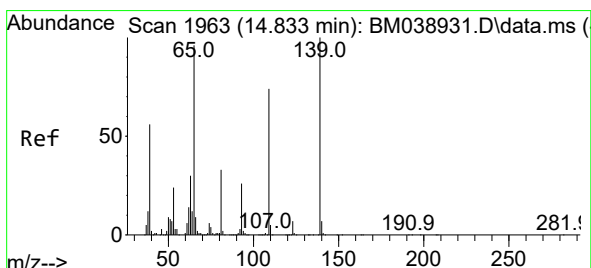
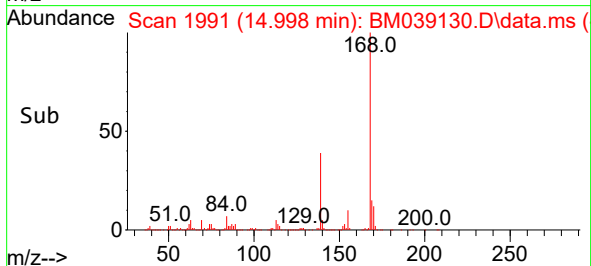
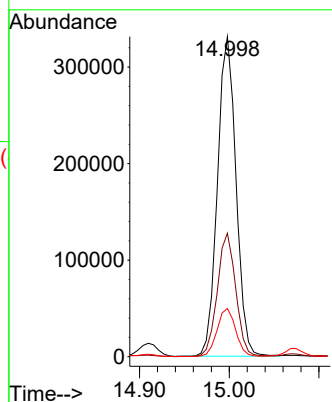
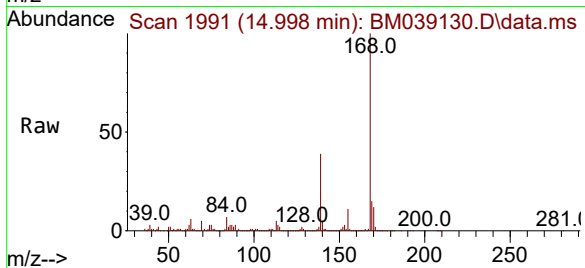
Tgt Ion:168 Resp: 476109

Ion Ratio Lower Upper

168 100

139 38.6 29.9 44.9

169 15.0 10.7 16.1



#56

4-Nitrophenol

Concen: 20.867 ng

RT: 14.998 min Scan# 1991

Delta R.T. 0.182 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

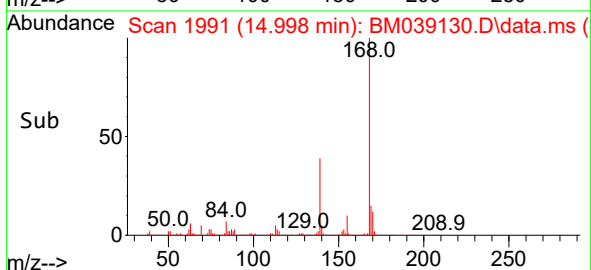
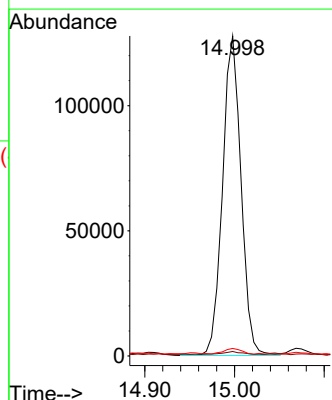
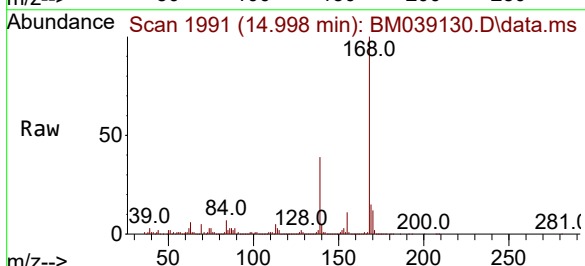
Tgt Ion:139 Resp: 182735

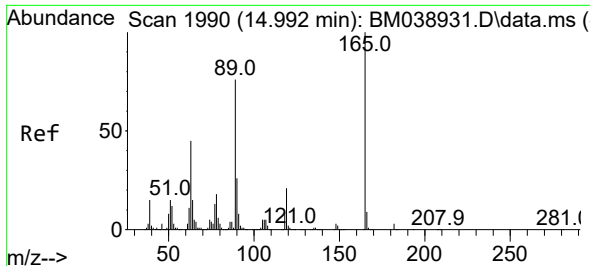
Ion Ratio Lower Upper

139 100

109 1.4 53.5 93.5#

65 2.3 76.4 116.4#





#57

2,4-Dinitrotoluene

Concen: 2.163 ng

RT: 14.951 min Scan# 1990

Delta R.T. -0.018 min

Lab File: BM039130.D

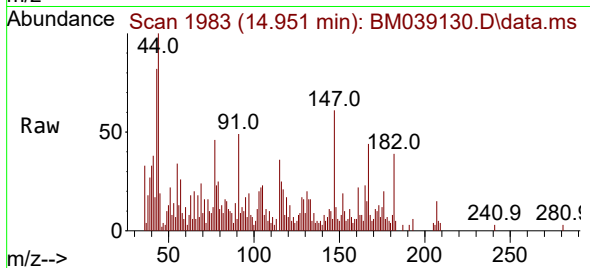
Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2



Tgt Ion:165 Resp: 1235

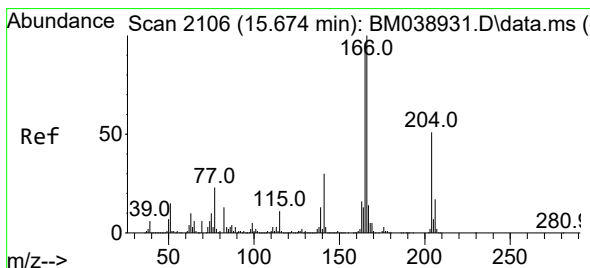
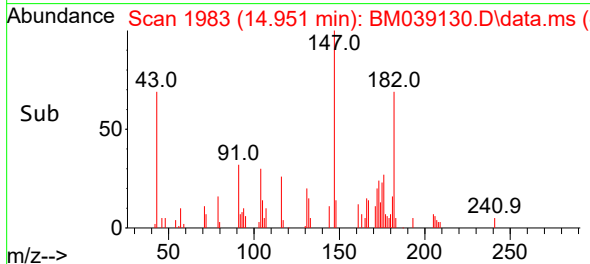
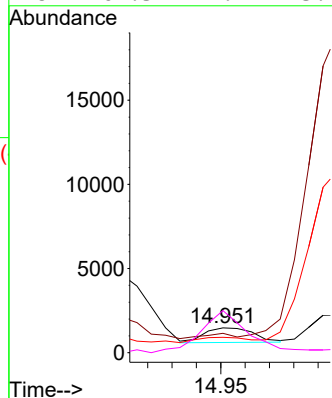
Ion Ratio Lower Upper

165 100

63 78.1 35.9 53.9#

89 62.1 61.0 91.6

182 169.5 2.1 3.1#



#58

Fluorene

Concen: 11.726 ng

RT: 15.645 min Scan# 2101

Delta R.T. -0.012 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

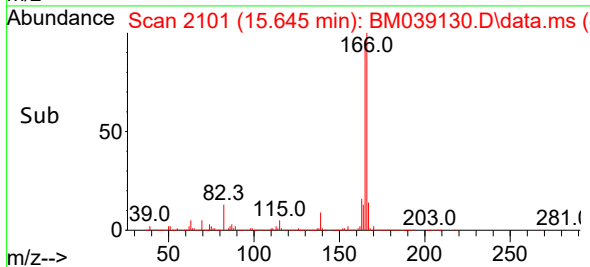
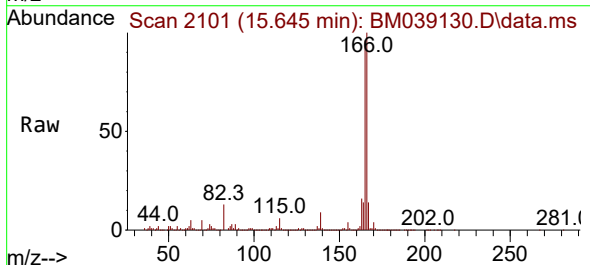
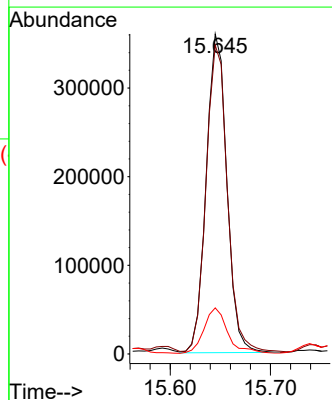
Tgt Ion:166 Resp: 515069

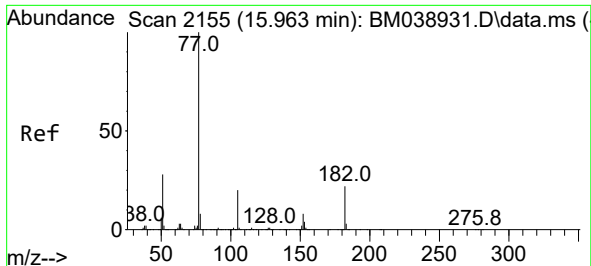
Ion Ratio Lower Upper

166 100

165 96.5 77.1 115.7

167 14.4 10.9 16.3

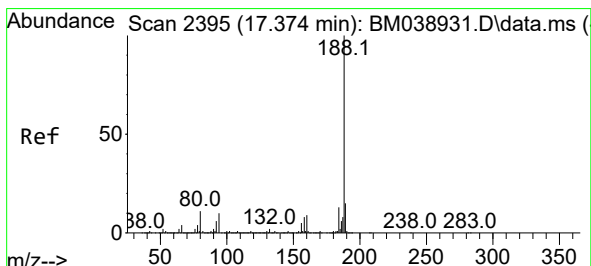
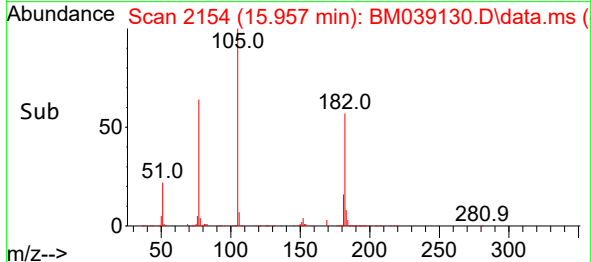
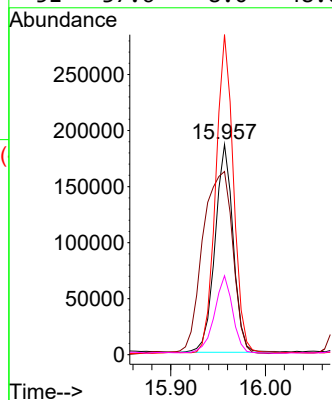
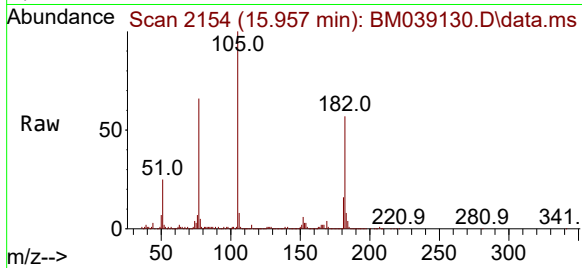




#63
Azobenzene
Concen: 5.440 ng
RT: 15.957 min Scan# 2155
Delta R.T. 0.018 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

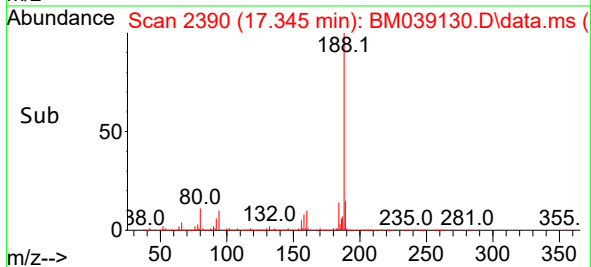
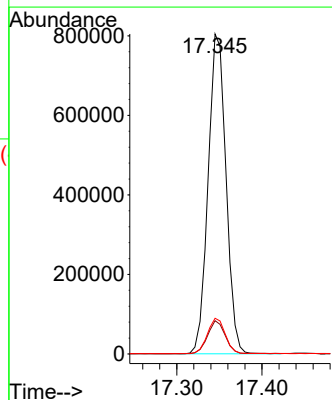
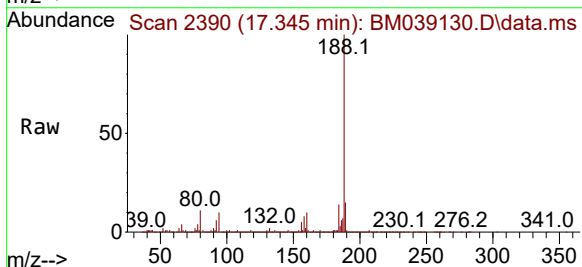
Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

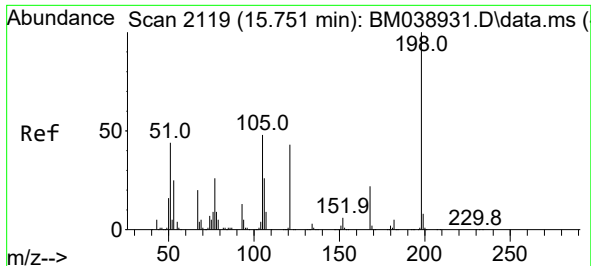
Tgt Ion: 77 Resp: 246951
Ion Ratio Lower Upper
77 100
182 87.1 2.0 42.0#
105 152.2 0.4 40.4#
51 37.6 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion: 188 Resp: 1176773
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.2 8.5 12.7

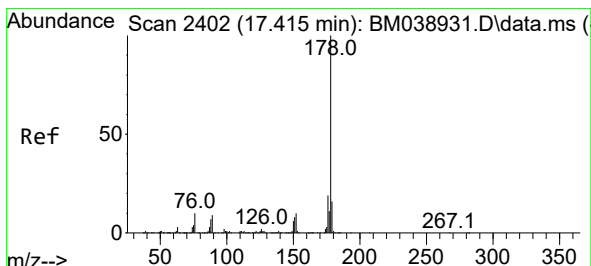
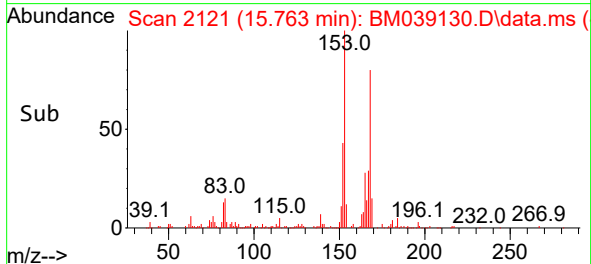
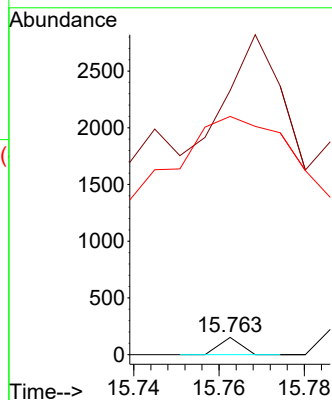
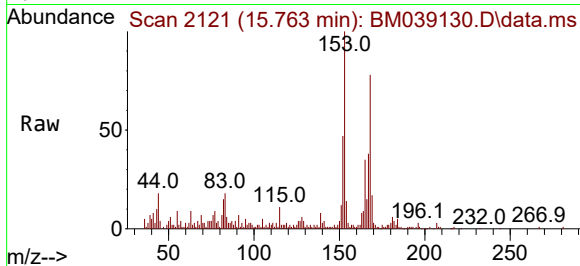




#65
4,6-Dinitro-2-methylphenol
Concen: 5.094 ng
RT: 15.763 min Scan# 2119
Delta R.T. 0.029 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

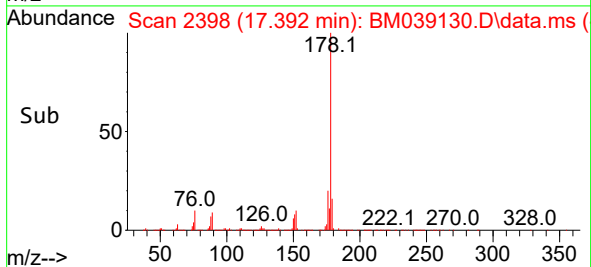
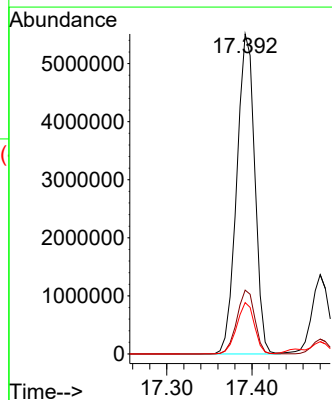
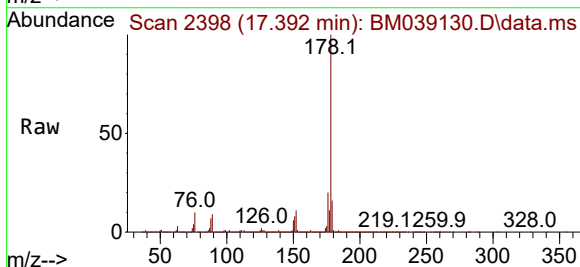
Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

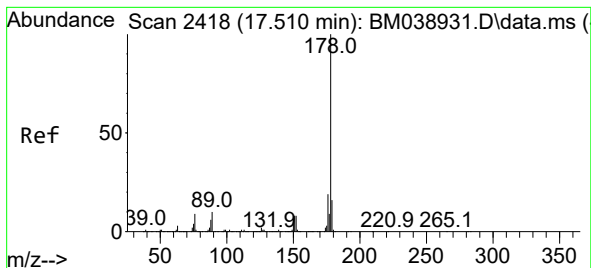
Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 1532.2 30.1 70.1#
105 1381.6 29.3 69.3#



#71
Phenanthrene
Concen: 117.145 ng
RT: 17.392 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:178 Resp: 8090690
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.1 12.5 18.7





#72

Anthracene

Concen: 27.007 ng

RT: 17.480 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

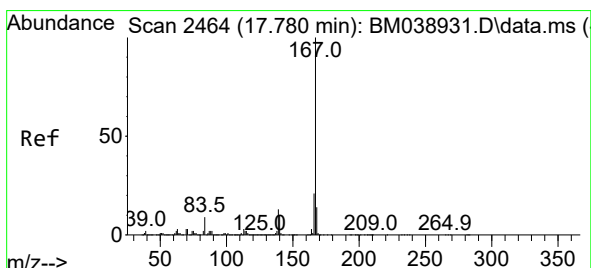
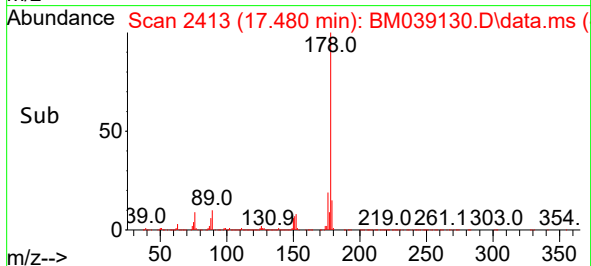
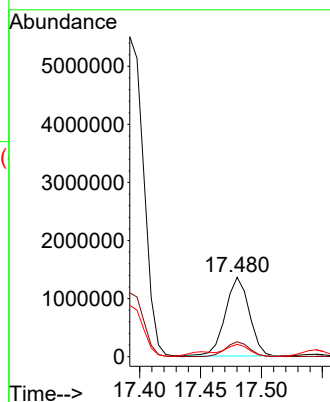
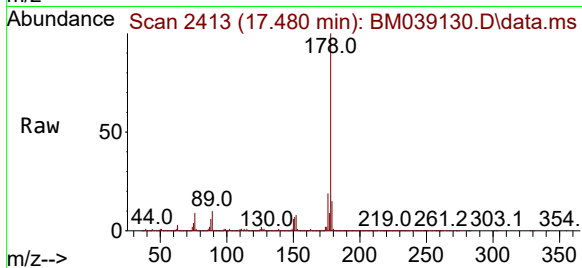
Tgt Ion:178 Resp: 1860131

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.4 12.5 18.7



#73

Carbazole

Concen: 15.366 ng

RT: 17.751 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

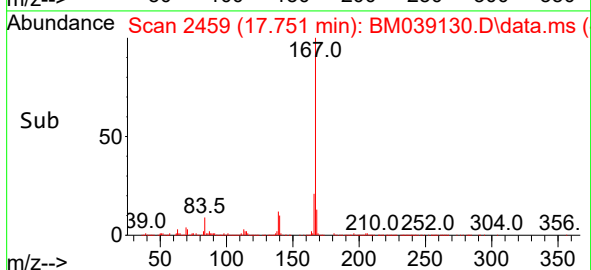
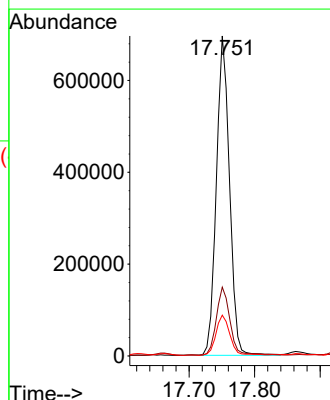
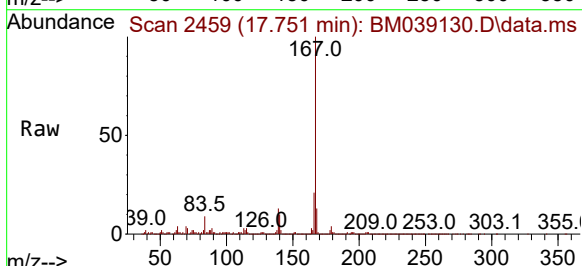
Tgt Ion:167 Resp: 965922

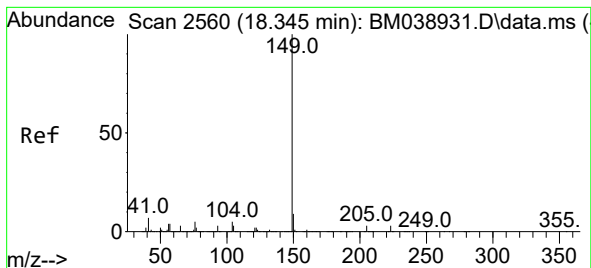
Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 12.8 10.3 15.5





#74

Di-n-butylphthalate

Concen: 2.263 ng

RT: 18.315 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

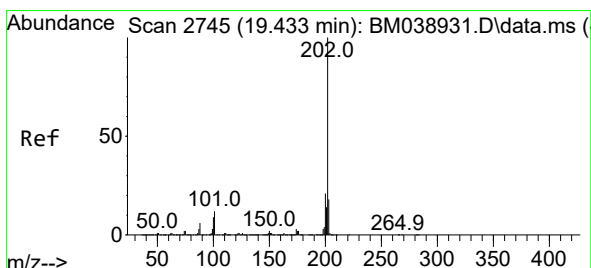
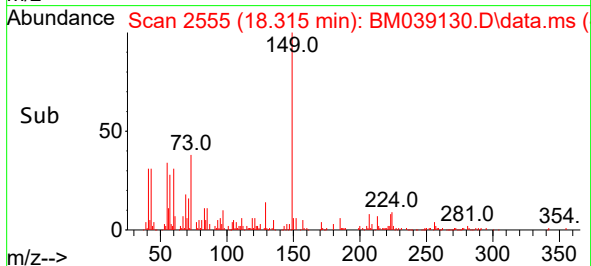
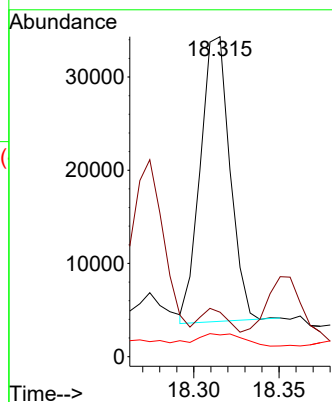
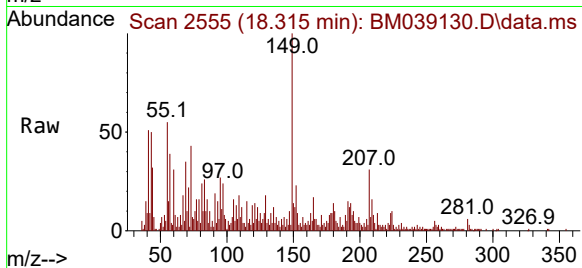
Tgt Ion:149 Resp: 36959

Ion Ratio Lower Upper

149 100

150 13.9 7.4 11.2#

104 6.8 4.3 6.5#



#75

Fluoranthene

Concen: 155.641 ng

RT: 19.409 min Scan# 2741

Delta R.T. 0.000 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

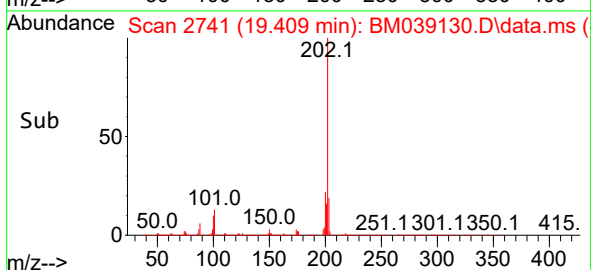
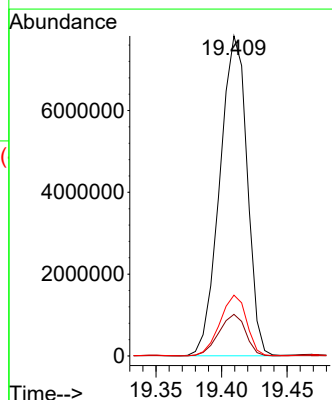
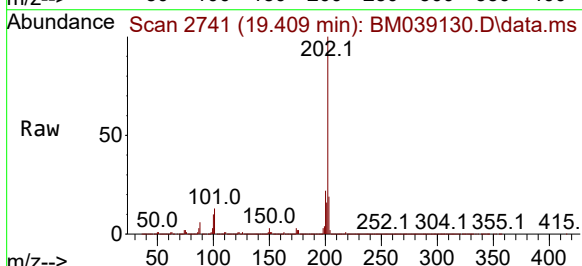
Tgt Ion:202 Resp:11349707

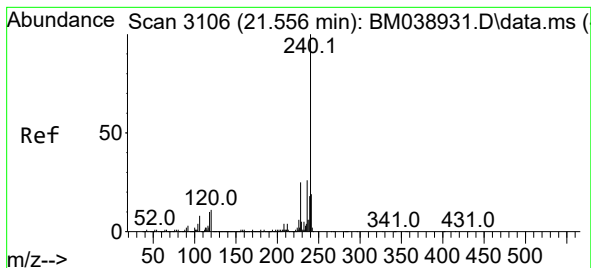
Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.7

203 19.0 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

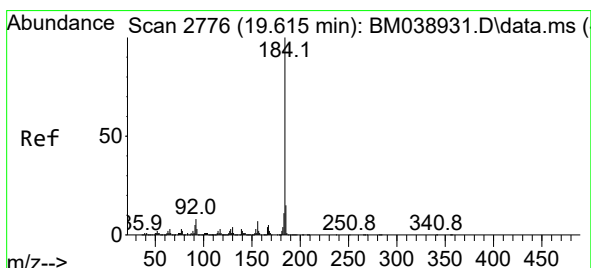
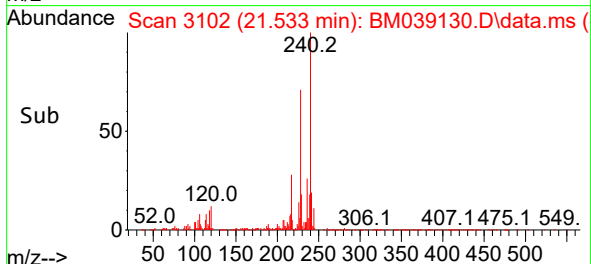
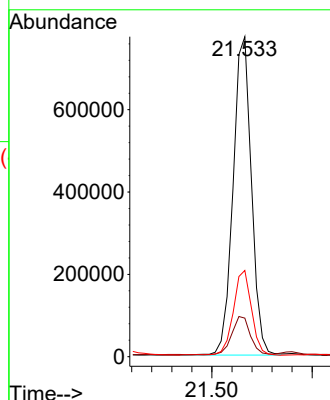
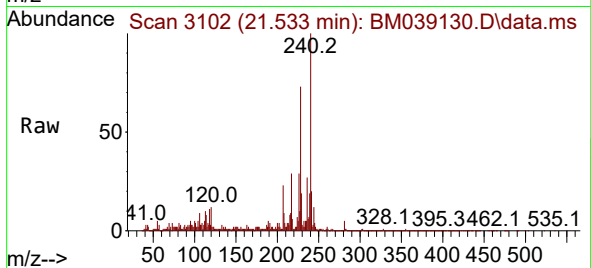
Tgt Ion:240 Resp: 983046

Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 27.0 20.8 31.2



#77

Benzidine

Concen: 4.922 ng

RT: 19.580 min Scan# 2770

Delta R.T. -0.012 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

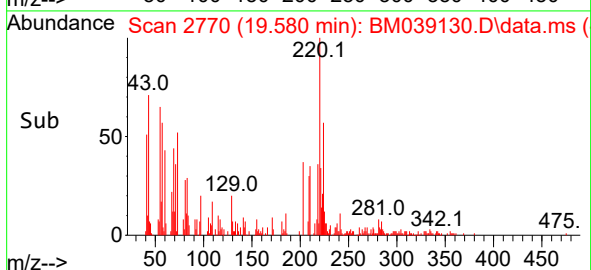
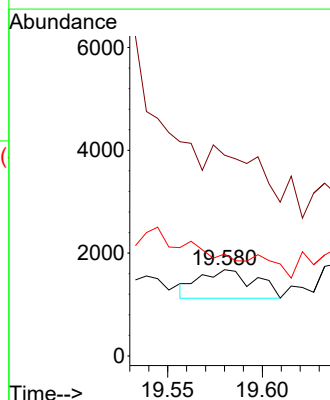
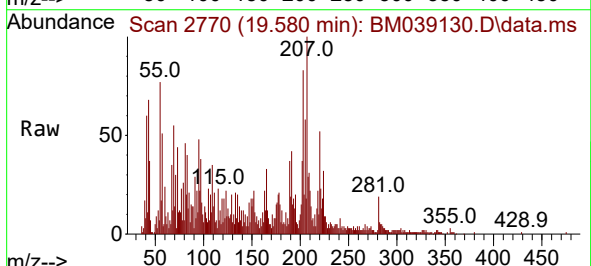
Tgt Ion:184 Resp: 1133

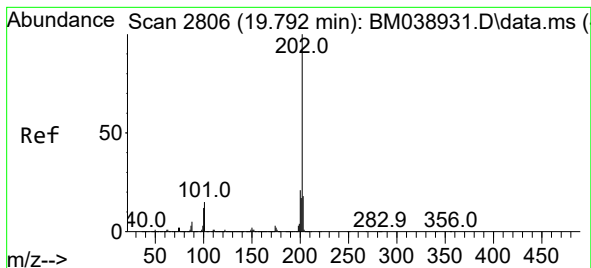
Ion Ratio Lower Upper

184 100

185 232.9 12.2 18.4#

183 118.2 8.8 13.2#





#78

Pyrene

Concen: 140.098 ng

RT: 19.774 min Scan# 2803

Delta R.T. 0.006 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

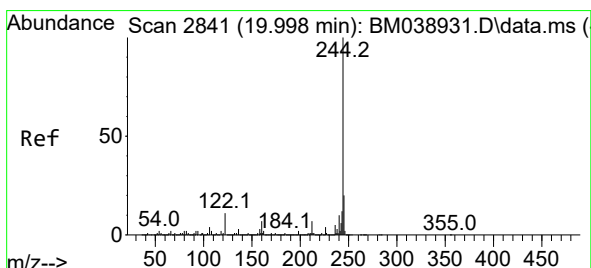
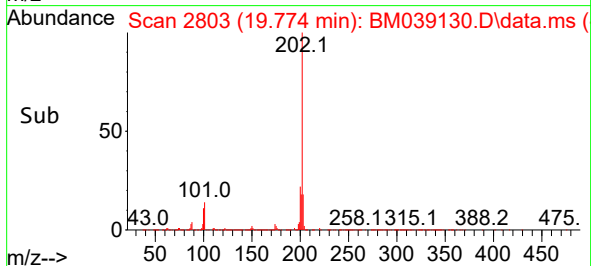
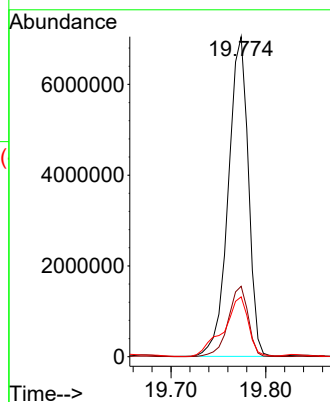
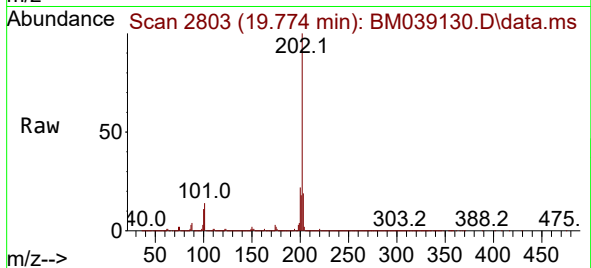
Tgt Ion:202 Resp:10344110

Ion Ratio Lower Upper

202 100

200 22.0 17.1 25.7

203 18.7 14.1 21.1



#79

Terphenyl-d14

Concen: 60.951 ng

RT: 19.968 min Scan# 2836

Delta R.T. 0.000 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

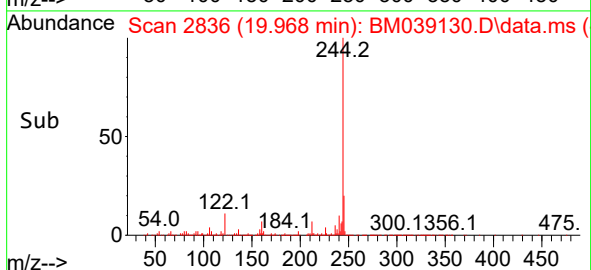
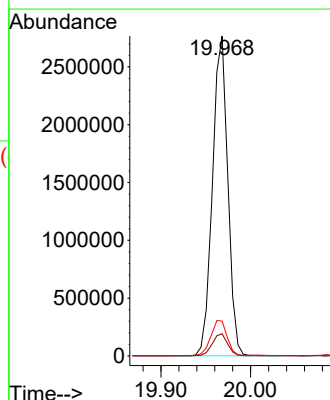
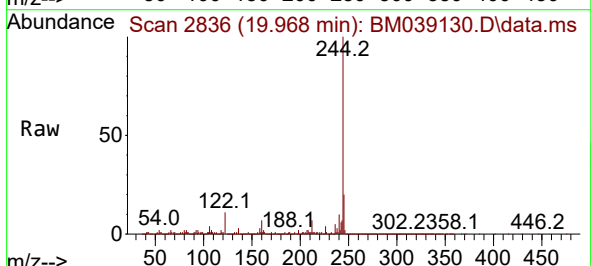
Tgt Ion:244 Resp: 3277200

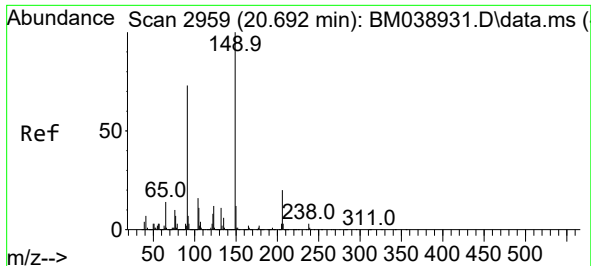
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 10.9 9.0 13.4

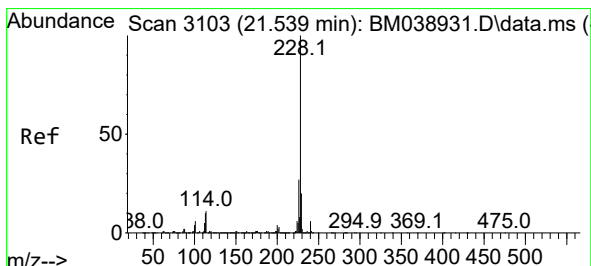
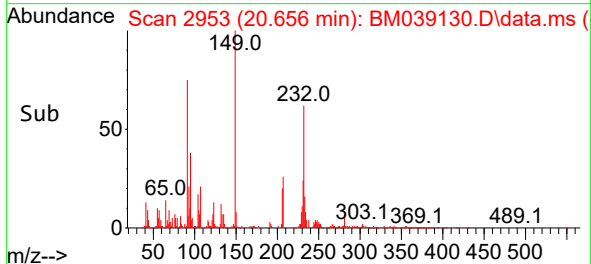
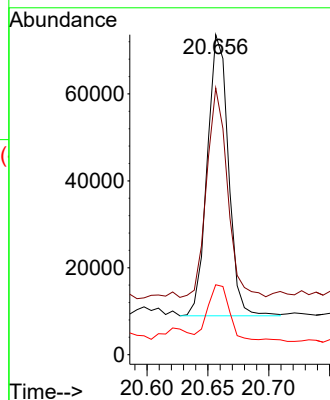
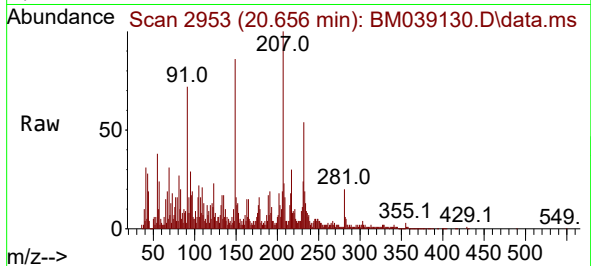




#80
Butylbenzylphthalate
Concen: 5.636 ng
RT: 20.656 min Scan# 2953
Delta R.T. -0.006 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

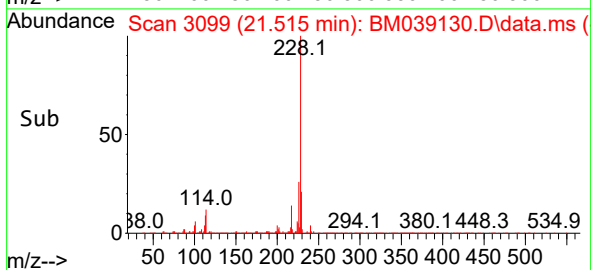
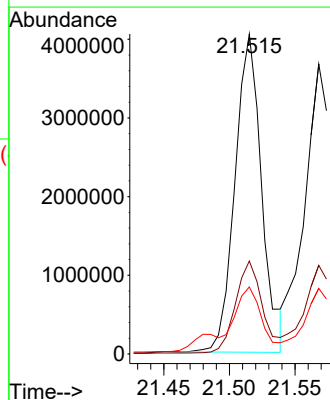
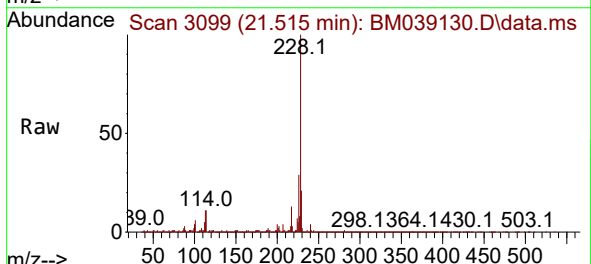
Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

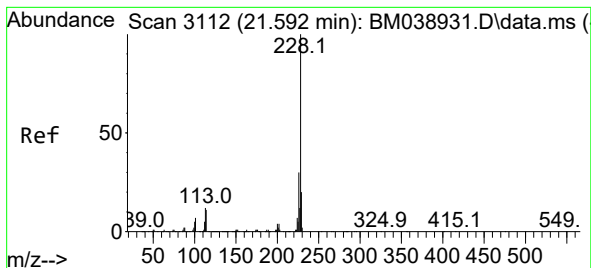
Tgt Ion:149 Resp: 78241
Ion Ratio Lower Upper
149 100
91 83.4 58.4 87.6
206 21.9 16.1 24.1



#81
Benzo(a)anthracene
Concen: 80.601 ng
RT: 21.515 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:228 Resp: 5706072
Ion Ratio Lower Upper
228 100
226 29.1 21.4 32.2
229 20.9 15.7 23.5





#83

Chrysene

Concen: 75.661 ng

RT: 21.568 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

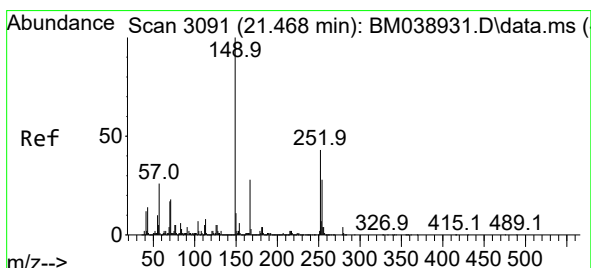
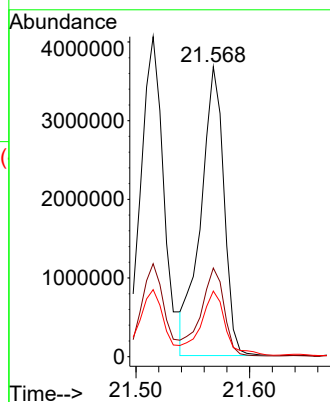
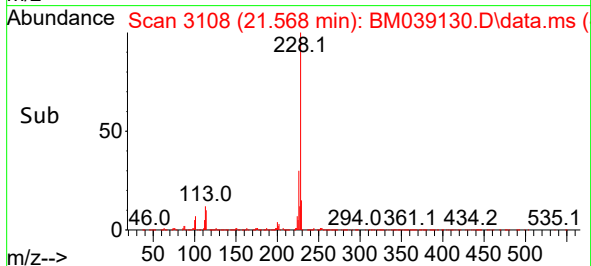
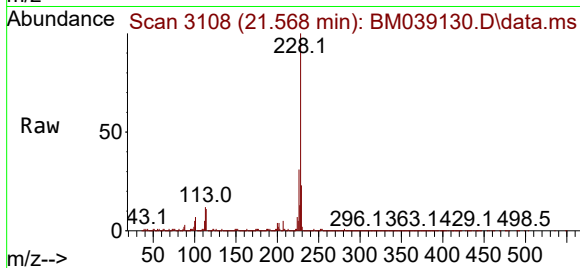
Tgt Ion:228 Resp: 5209514

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 22.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.813 ng

RT: 21.433 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

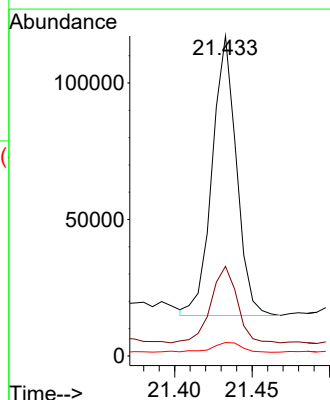
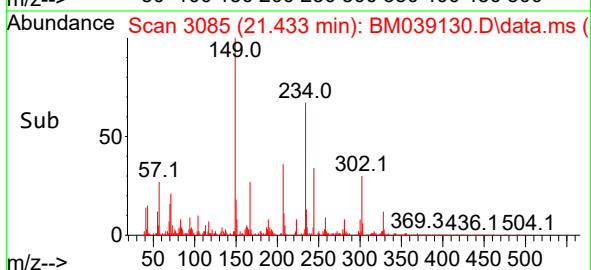
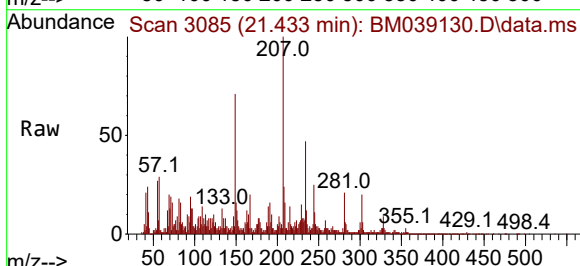
Tgt Ion:149 Resp: 111435

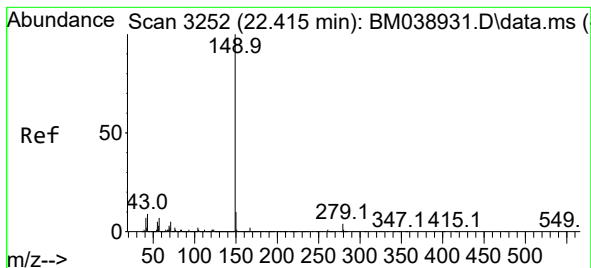
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 3.837 ng

RT: 22.368 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

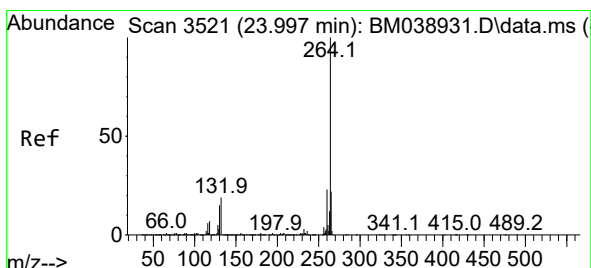
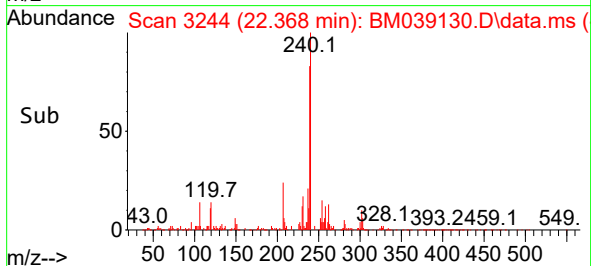
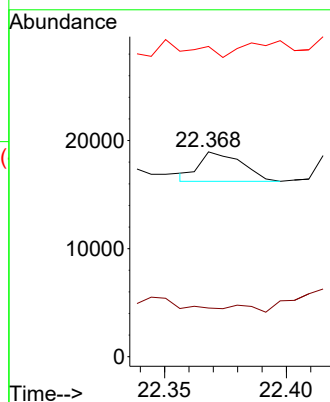
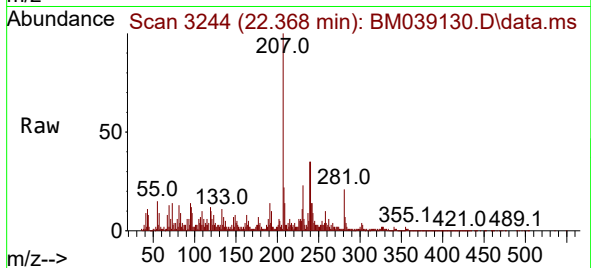
Tgt Ion:149 Resp: 3290

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3515

Delta R.T. 0.000 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

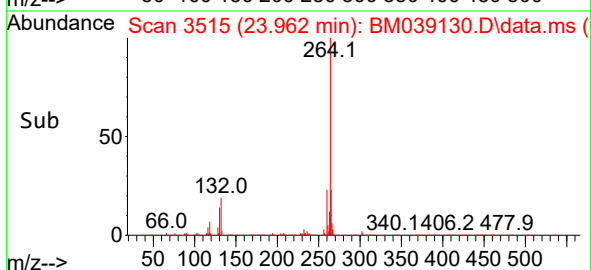
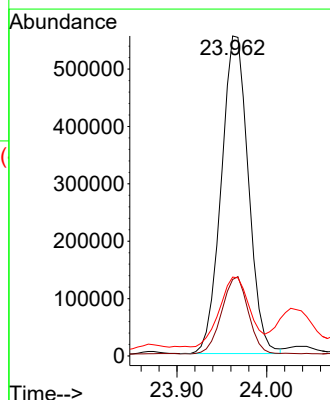
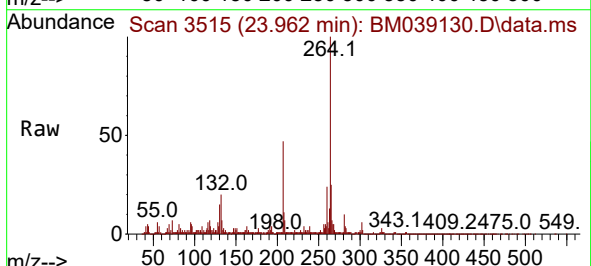
Tgt Ion:264 Resp: 1160302

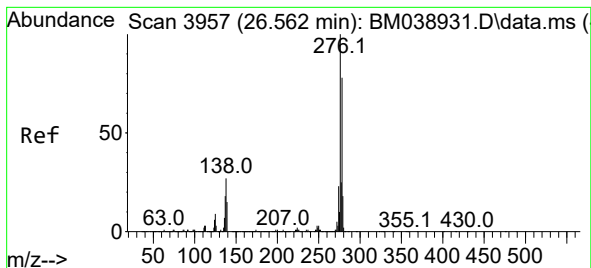
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 24.7 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.688 ng

RT: 26.509 min Scan# 3948

Delta R.T. 0.012 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

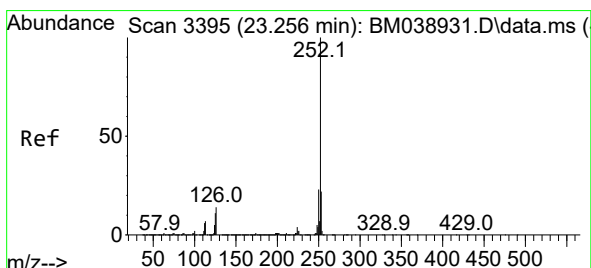
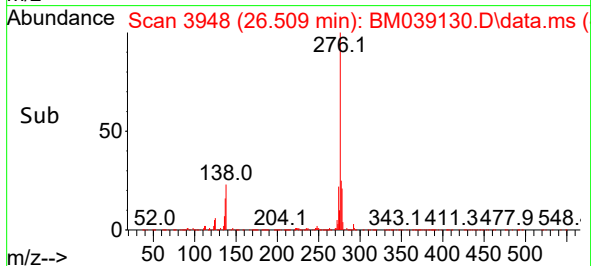
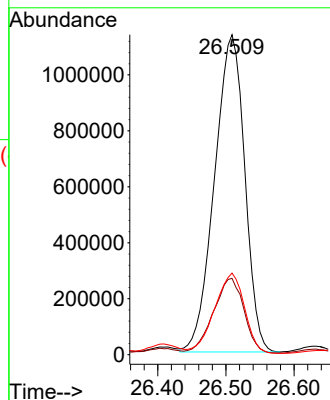
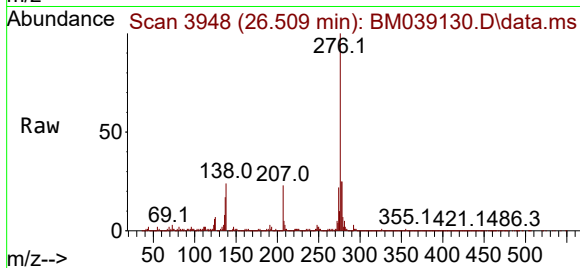
Tgt Ion:276 Resp: 3504091

Ion Ratio Lower Upper

276 100

138 23.8 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 90.460 ng

RT: 23.233 min Scan# 3391

Delta R.T. 0.012 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

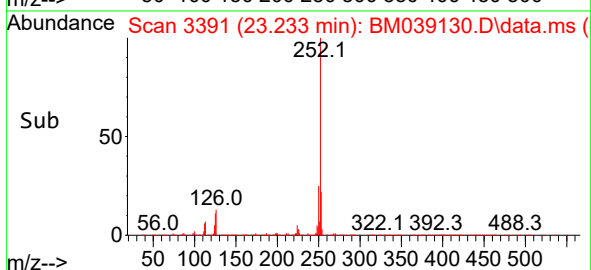
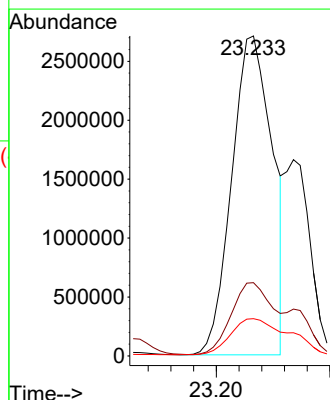
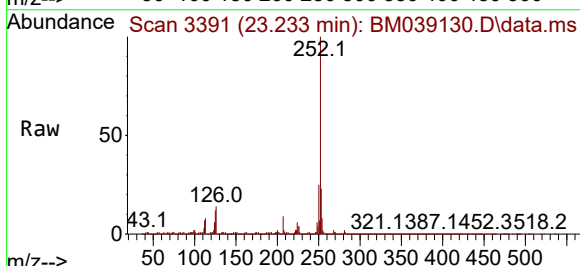
Tgt Ion:252 Resp: 6705633

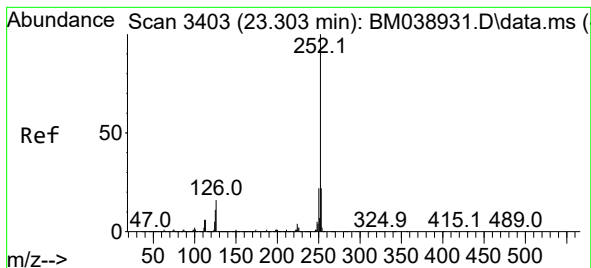
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 11.7 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 86.923 ng

RT: 23.233 min Scan# 31

Delta R.T. -0.035 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

Instrument :

BNA_M

ClientSampleId :

10TH-ST-SUBSTATION-TP2

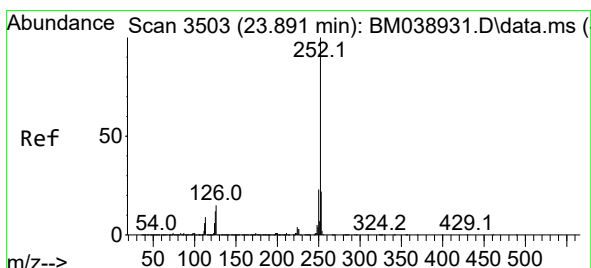
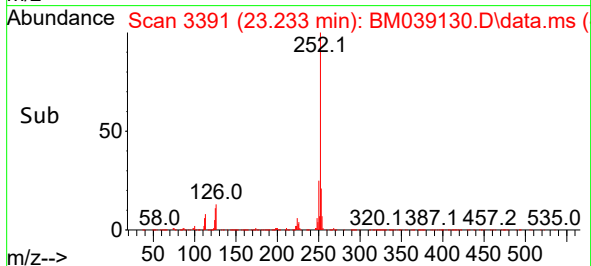
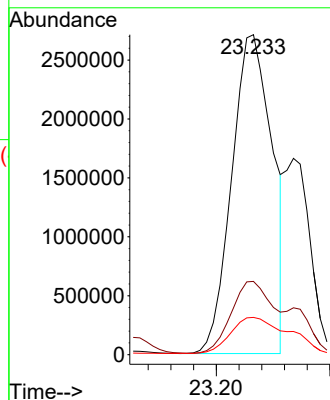
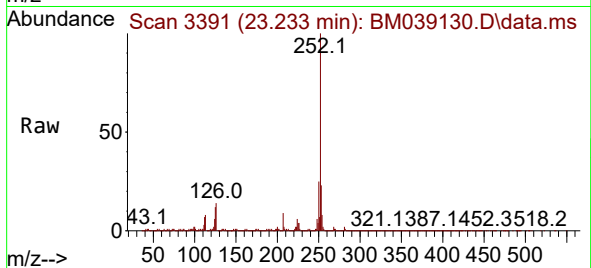
Tgt Ion:252 Resp: 6705633

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 11.7 8.9 13.3



#90

Benzo(a)pyrene

Concen: 71.795 ng

RT: 23.862 min Scan# 3498

Delta R.T. 0.006 min

Lab File: BM039130.D

Acq: 23 Mar 2023 23:51

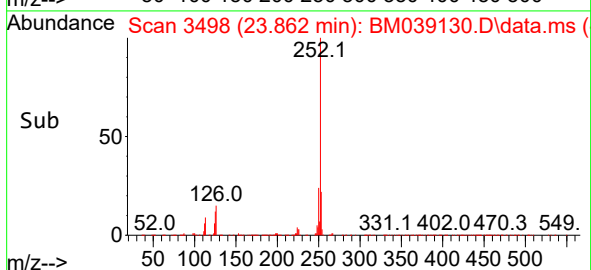
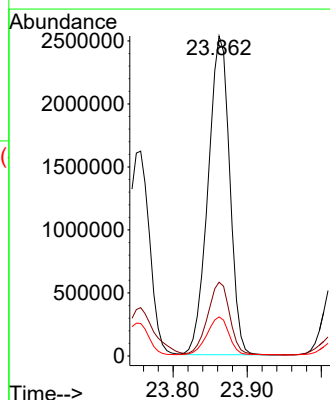
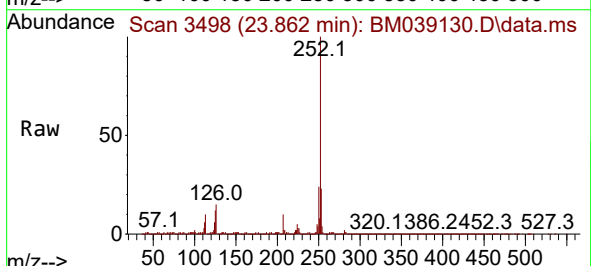
Tgt Ion:252 Resp: 5122047

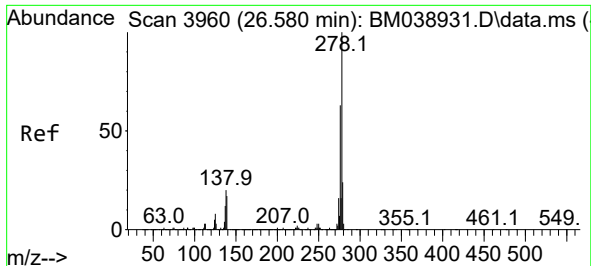
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 12.2 9.8 14.8

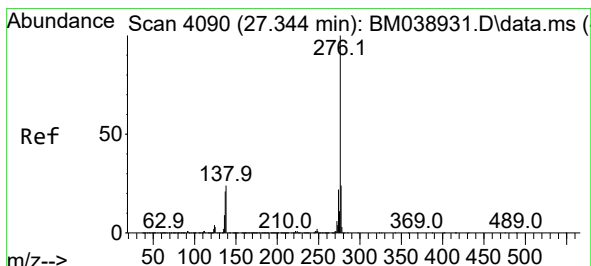
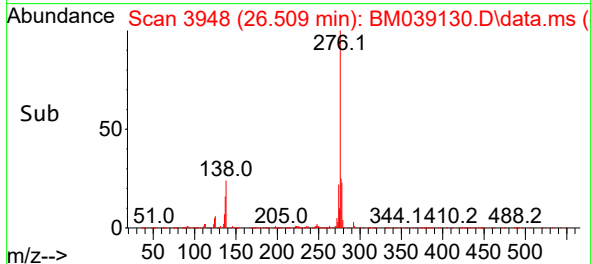
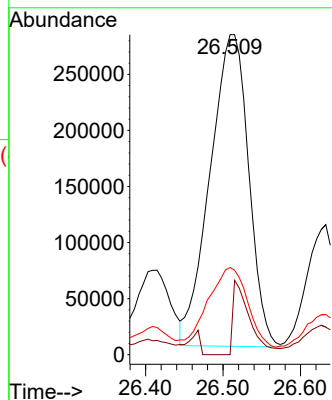
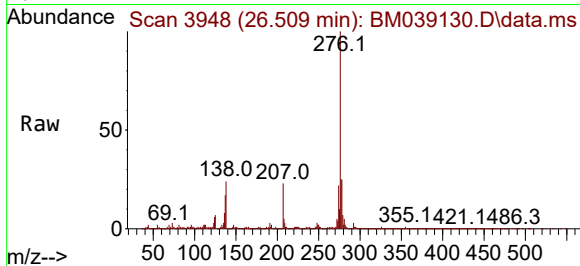




#91
Dibenzo(a,h)anthracene
Concen: 12.905 ng
RT: 26.509 min Scan# 3960
Delta R.T. 0.000 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Instrument :
BNA_M
ClientSampleId :
10TH-ST-SUBSTATION-TP2

Tgt Ion:278 Resp: 964947
Ion Ratio Lower Upper
278 100
139 0.0 13.7 20.5#
279 27.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 46.332 ng
RT: 27.297 min Scan# 4082
Delta R.T. 0.024 min
Lab File: BM039130.D
Acq: 23 Mar 2023 23:51

Tgt Ion:276 Resp: 3389309
Ion Ratio Lower Upper
276 100
277 24.0 19.3 28.9
138 24.2 19.0 28.6

