

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039168.D
 Acq On : 27 Mar 2023 19:54
 Operator : CG/JU
 Sample : 01998-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BROAD-CHANNEL-SUBSTATION-TP2

Quant Time: Mar 28 01:52:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

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

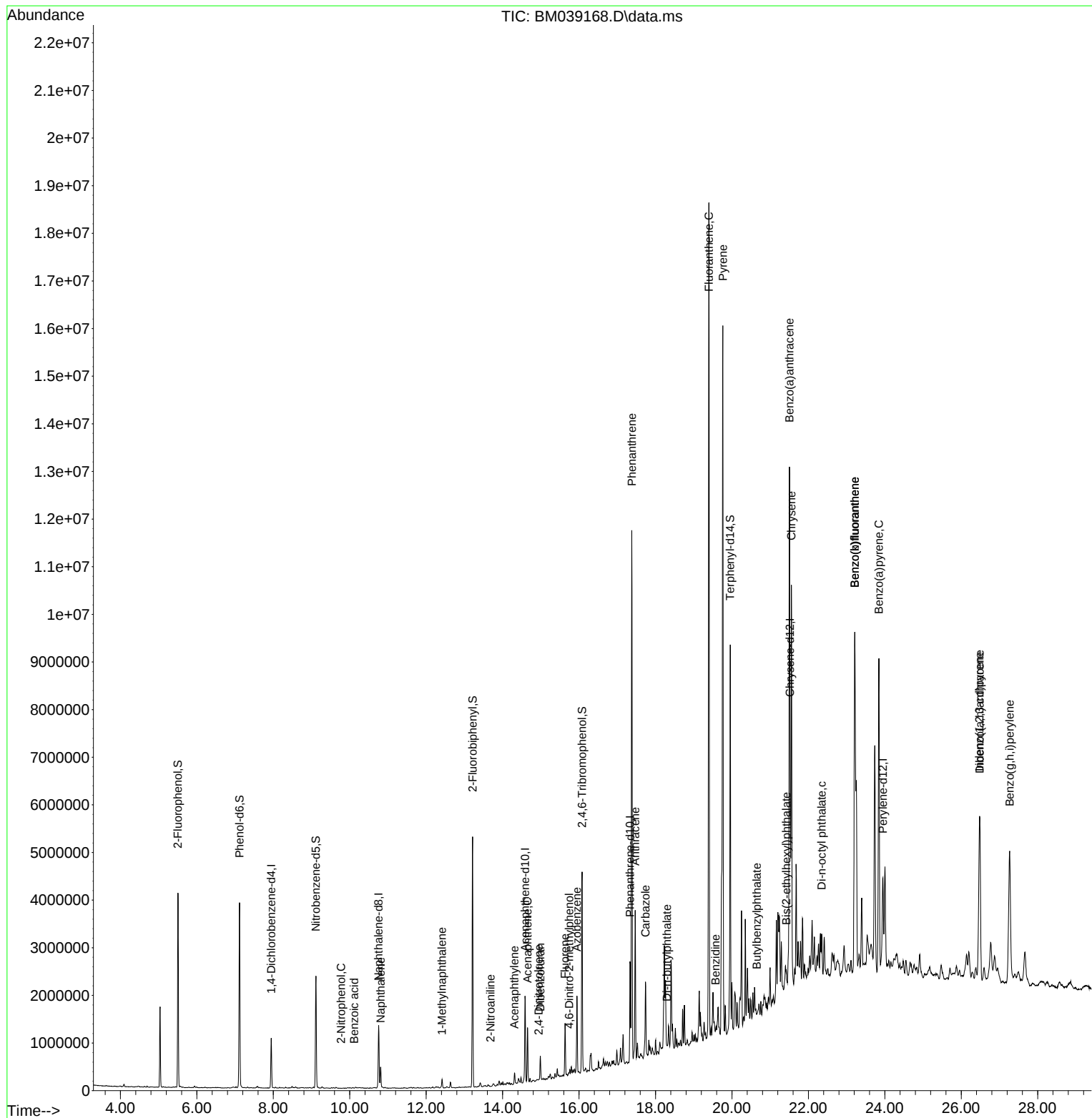
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	269473	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1077526	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	617932	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1273672	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1170599	20.000	ng	0.00
86) Perylene-d12	23.950	264	1367517	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1777534	100.217	ng	0.00
7) Phenol-d6	7.116	99	2244655	97.431	ng	0.00
23) Nitrobenzene-d5	9.116	82	1346337	61.375	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	718722	100.542	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	2630289	55.412	ng	0.00
79) Terphenyl-d14	19.956	244	3701731	57.816	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.775	139	54	2.996	ng	# 1
31) Naphthalene	10.810	128	351251	5.717	ng	99
32) Benzoic acid	10.116	122	233	5.749	ng	# 1
38) 1-Methylnaphthalene	12.416	142	79460	2.059	ng	99
48) 2-Nitroaniline	13.686	65	245	2.234	ng	# 61
49) Acenaphthylene	14.310	152	168501	2.680	ng	98
52) Acenaphthene	14.651	154	391681	10.136	ng	99
55) Dibenzofuran	14.986	168	289468	4.787	ng	99
57) 2,4-Dinitrotoluene	14.945	165	881	2.132	ng	# 64
58) Fluorene	15.633	166	447550	9.448	ng	99
63) Azobenzene	15.945	77	444669	9.083	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.739	198	56	5.094	ng	# 1
71) Phenanthrene	17.380	178	6508288	87.064	ng	99
72) Anthracene	17.468	178	1824774	24.478	ng	100
73) Carbazole	17.739	167	978677	14.385	ng	100
74) Di-n-butylphthalate	18.304	149	23457	2.071	ng	# 75
75) Fluoranthene	19.398	202	10346555	131.090	ng	97
77) Benzidine	19.574	184	531	4.894	ng	# 1
78) Pyrene	19.762	202	9361489	106.475	ng	99
80) Butylbenzylphthalate	20.651	149	3463	3.402	ng	# 52
81) Benzo(a)anthracene	21.503	228	5291545	62.770	ng	97
83) Chrysene	21.556	228	4742903	57.848	ng	97
84) Bis(2-ethylhexyl)phtha...	21.421	149	93151	4.119	ng	# 99
85) Di-n-octyl phthalate	22.350	149	7669	3.875	ng	# 51
87) Indeno(1,2,3-cd)pyrene	26.480	276	3542650	34.045	ng	96
88) Benzo(b)fluoranthene	23.215	252	7053673	80.737	ng	98
89) Benzo(k)fluoranthene	23.215	252	7053673	77.579	ng	98
90) Benzo(a)pyrene	23.844	252	4977765	59.201	ng	98
91) Dibenzo(a,h)anthracene	26.485	278	916980	10.406	ng	# 82
92) Benzo(g,h,i)perylene	27.268	276	3601697	41.775	ng	100

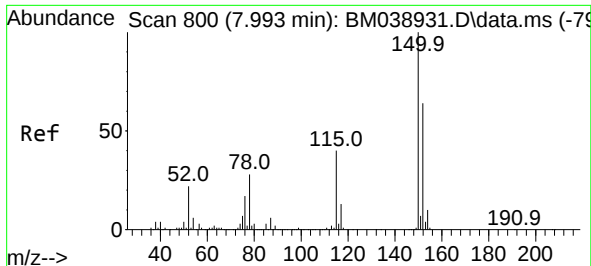
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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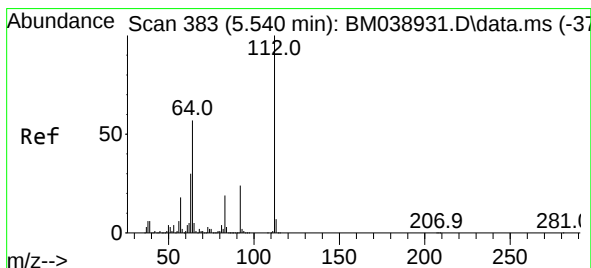
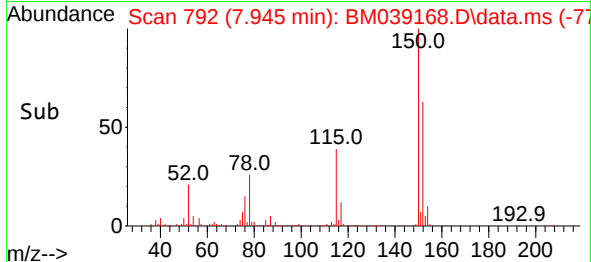
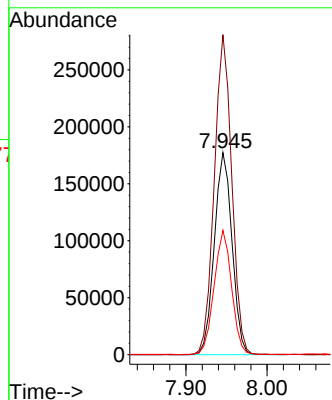
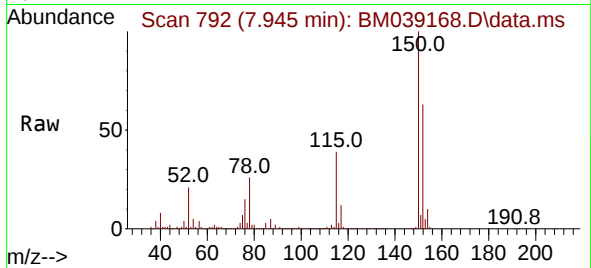




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.945 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

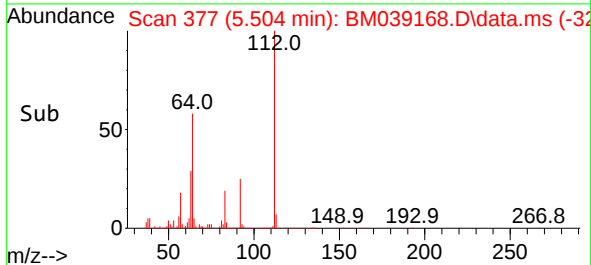
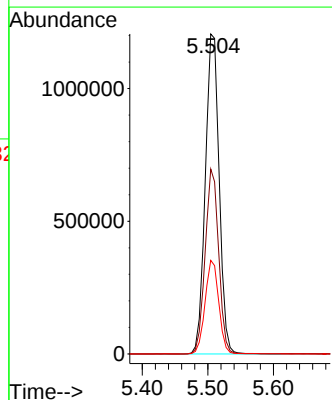
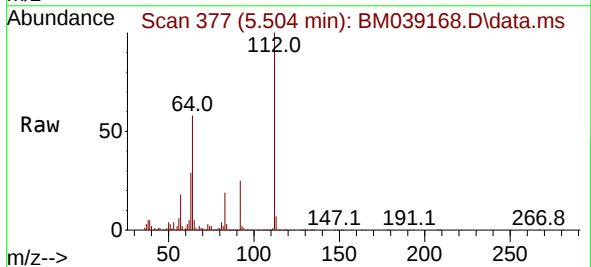
Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

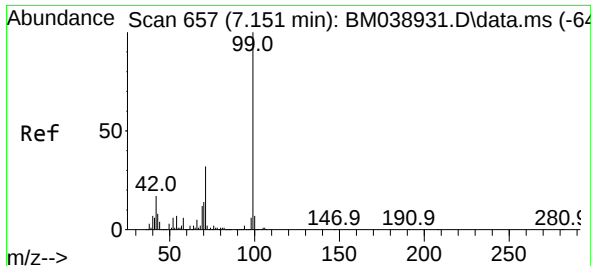
Tgt Ion:152 Resp: 269473
Ion Ratio Lower Upper
152 100
150 158.4 125.1 187.7
115 61.5 49.6 74.4



#5
2-Fluorophenol
Concen: 100.217 ng
RT: 5.504 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:112 Resp: 1777534
Ion Ratio Lower Upper
112 100
64 57.8 45.9 68.9
63 29.3 23.8 35.8

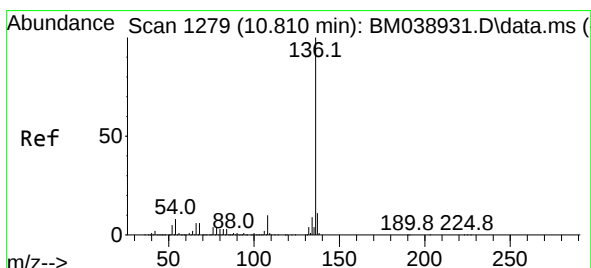
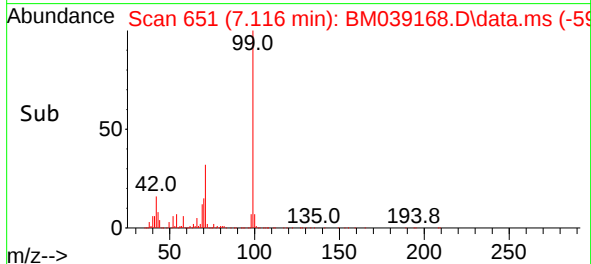
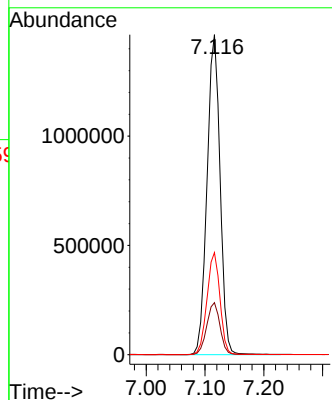
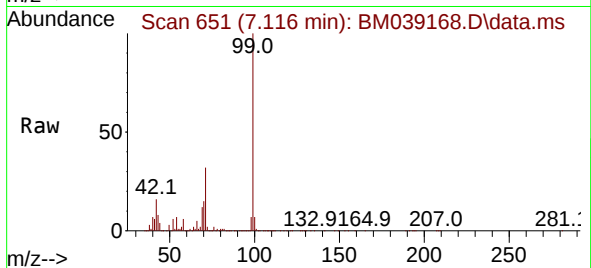




#7
Phenol-d6
Concen: 97.431 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

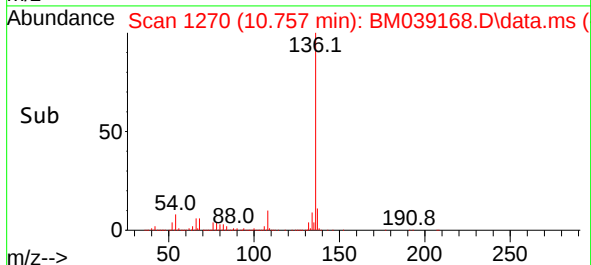
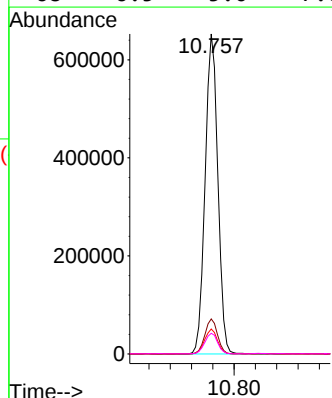
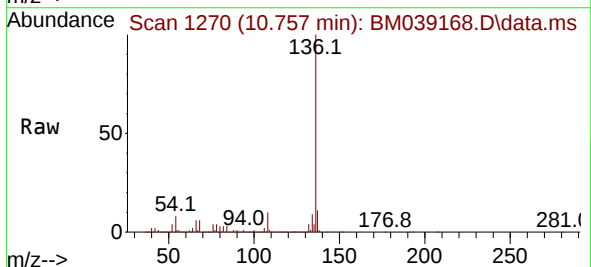
Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

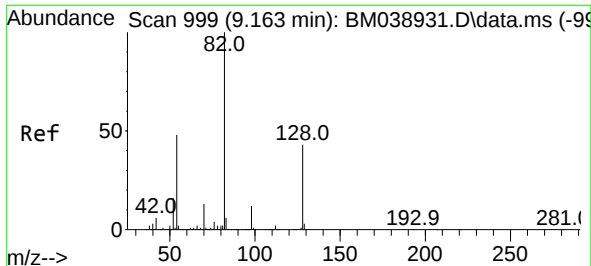
Tgt Ion: 99 Resp: 2244655
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion: 136 Resp: 1077526
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.3 9.5
68 6.5 5.0 7.6

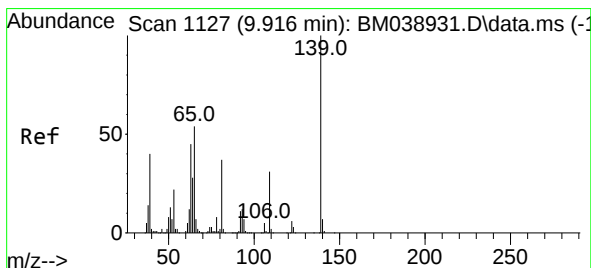
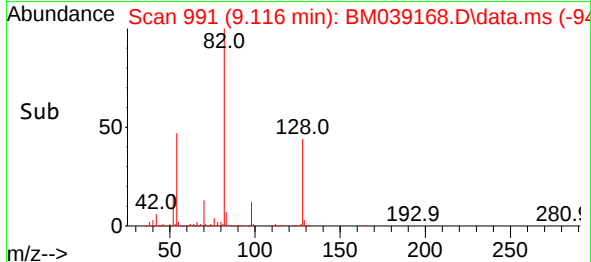
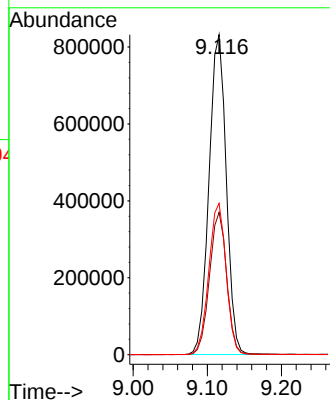
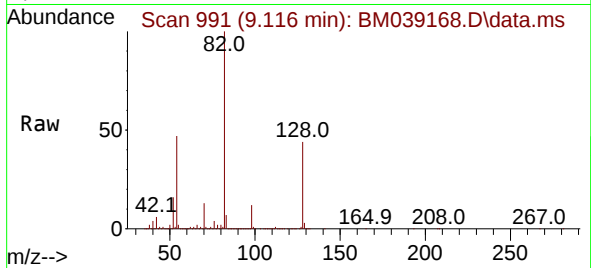




#23
Nitrobenzene-d5
Concen: 61.375 ng
RT: 9.116 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

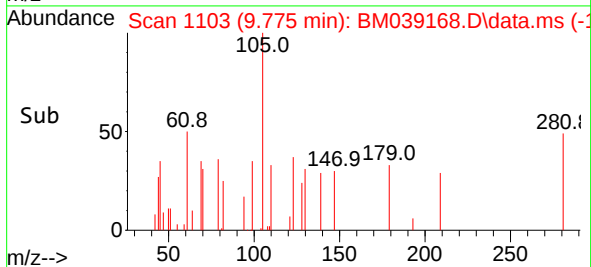
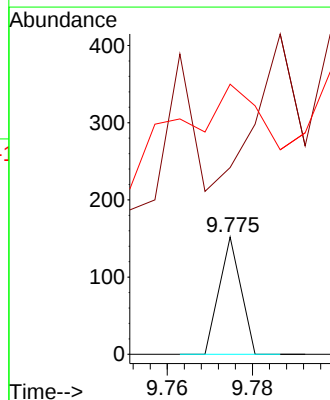
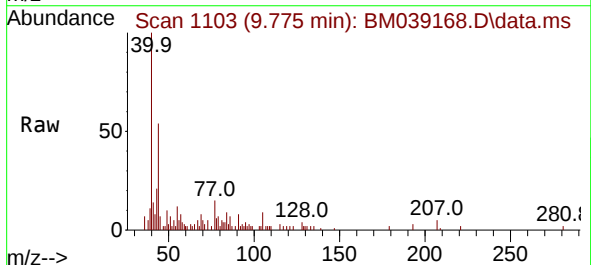
Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

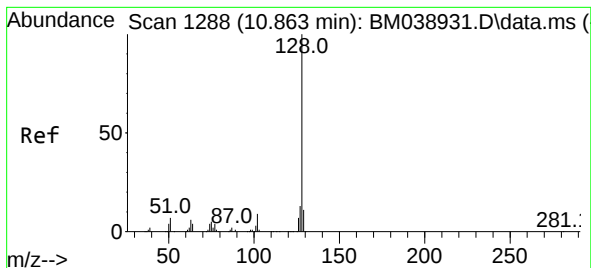
Tgt Ion: 82 Resp: 1346337
Ion Ratio Lower Upper
82 100
128 44.5 34.4 51.6
54 47.3 38.8 58.2



#26
2-Nitrophenol
Concen: 2.996 ng
RT: 9.775 min Scan# 1103
Delta R.T. -0.094 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 159.2 24.5 36.7#
65 230.3 43.0 64.6#

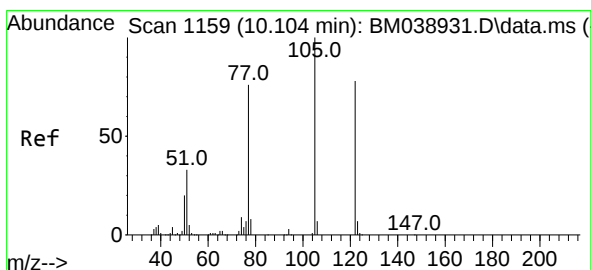
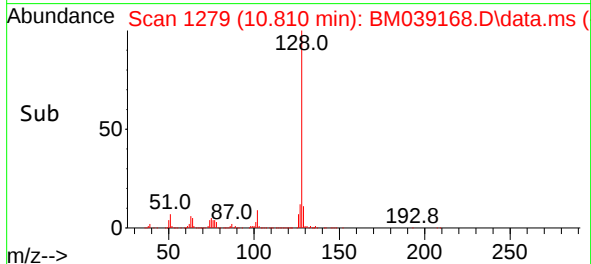
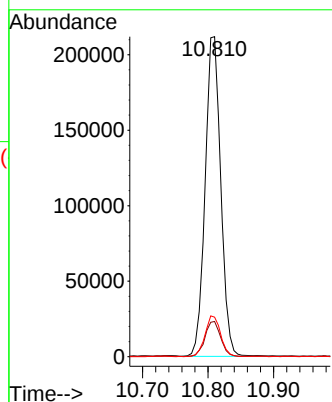
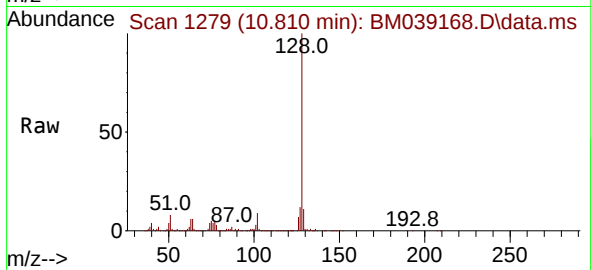




#31
Naphthalene
Concen: 5.717 ng
RT: 10.810 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

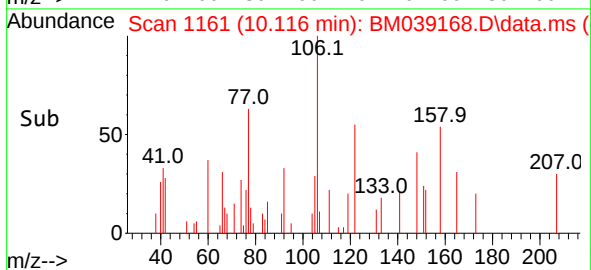
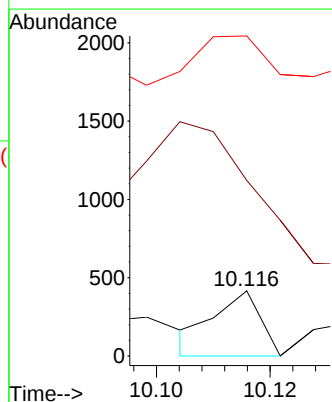
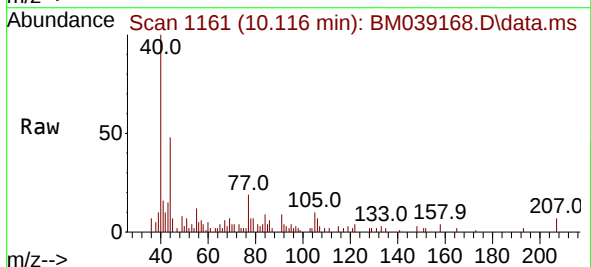
Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

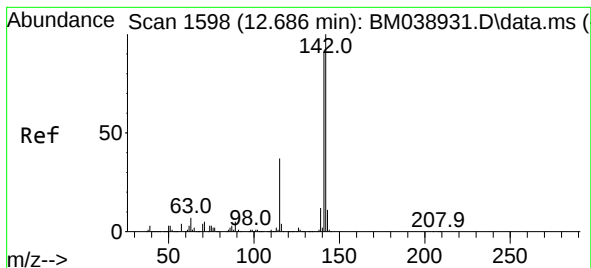
Tgt Ion:128 Resp: 351251
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.3 10.2 15.4



#32
Benzoic acid
Concen: 5.749 ng
RT: 10.116 min Scan# 1161
Delta R.T. 0.041 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:122 Resp: 233
Ion Ratio Lower Upper
122 100
105 269.5 104.2 144.2#
77 491.3 75.1 115.1#

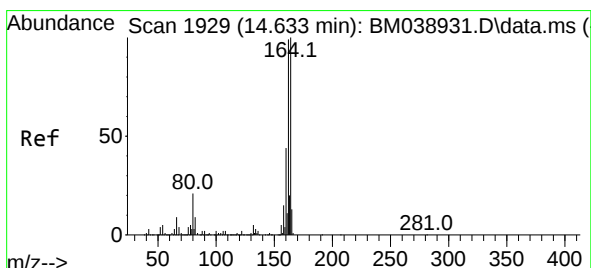
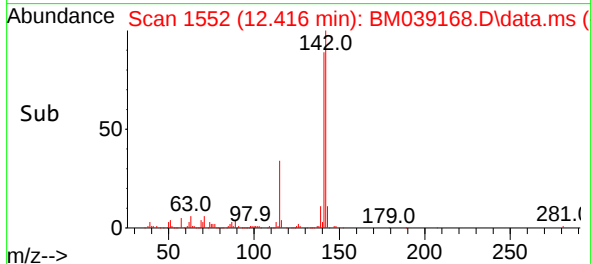
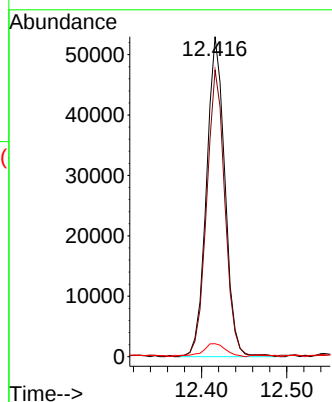
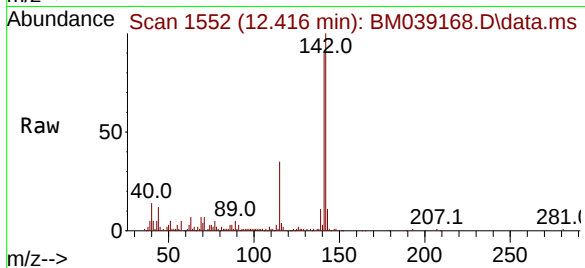




#38
1-Methylnaphthalene
Concen: 2.059 ng
RT: 12.416 min Scan# 1552
Delta R.T. -0.224 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

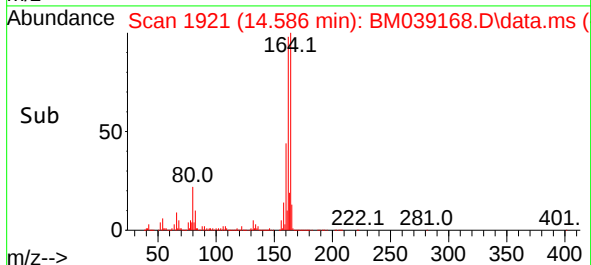
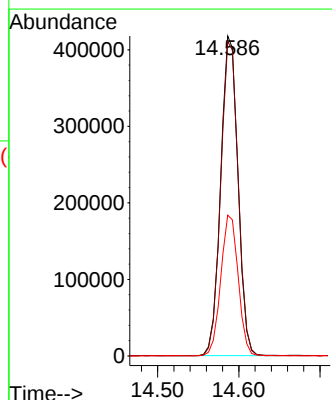
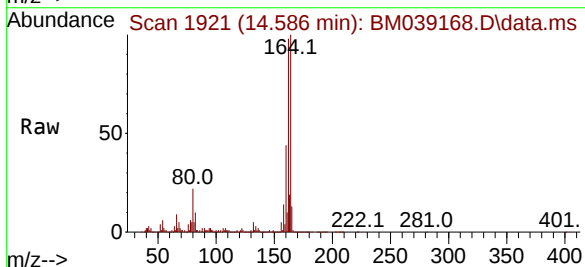
Instrument : BNA_M
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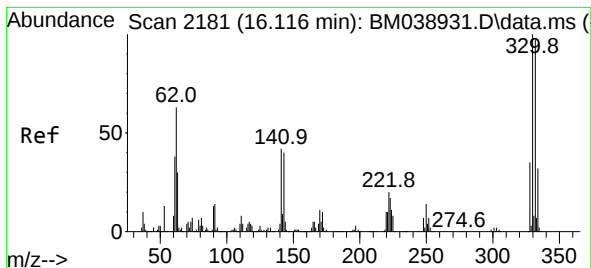
Tgt Ion:142 Resp: 79460
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2
116 4.0 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:164 Resp: 617932
Ion Ratio Lower Upper
164 100
162 98.3 79.2 118.8
160 44.0 35.5 53.3

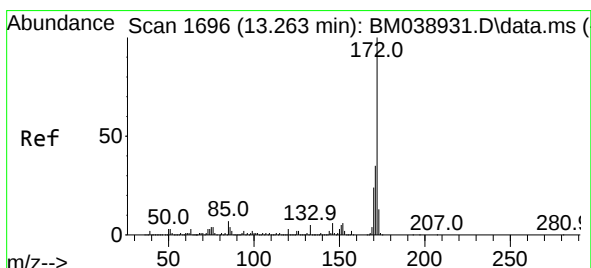
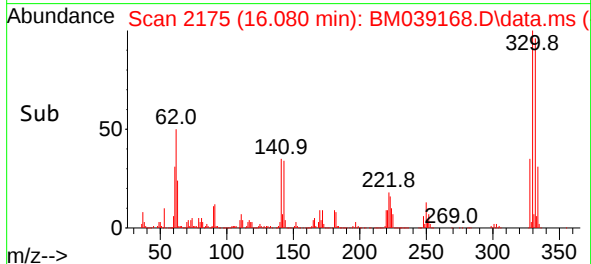
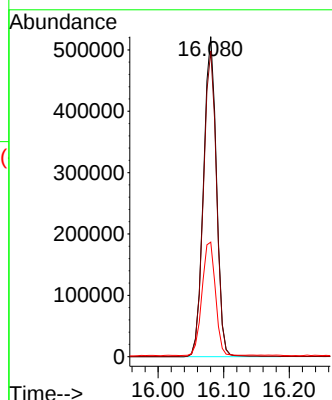
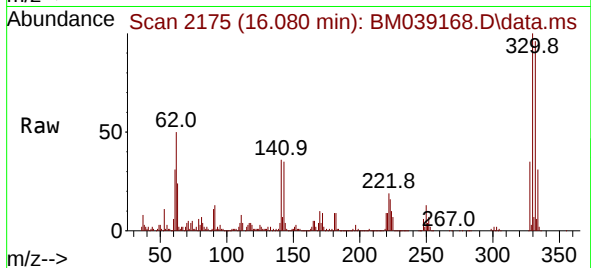




#42
2,4,6-Tribromophenol
Concen: 100.542 ng
RT: 16.080 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

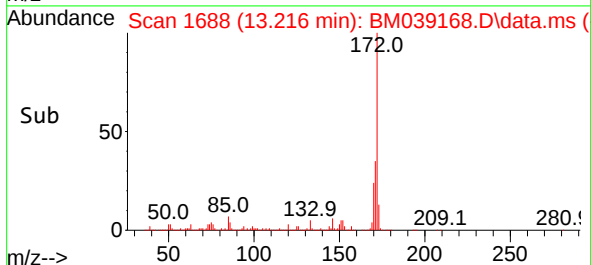
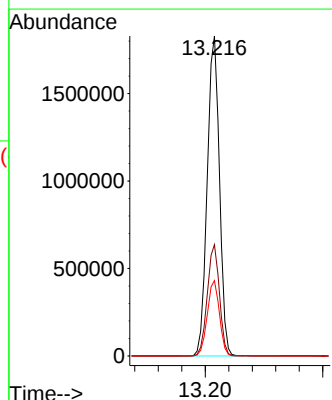
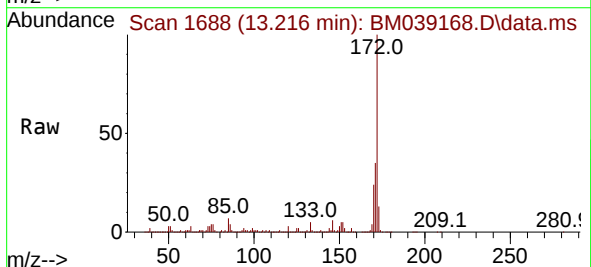
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BNA_M
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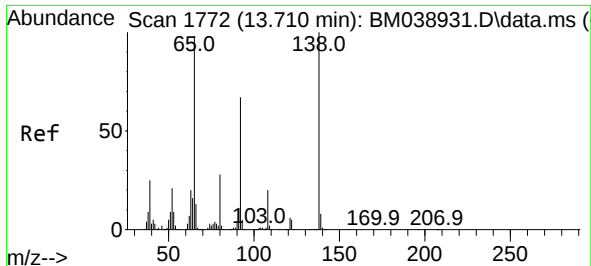
Tgt Ion:330 Resp: 718722
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 36.9 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 55.412 ng
RT: 13.216 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:172 Resp: 2630289
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.5 19.1 28.7

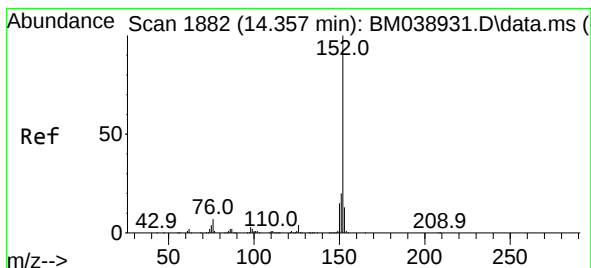
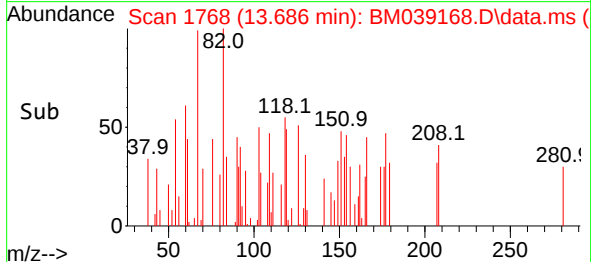
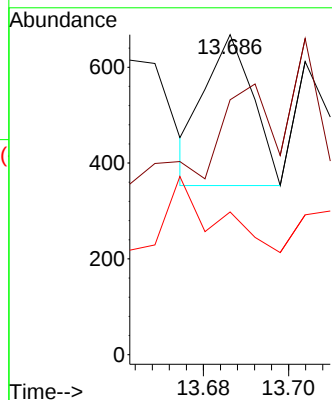
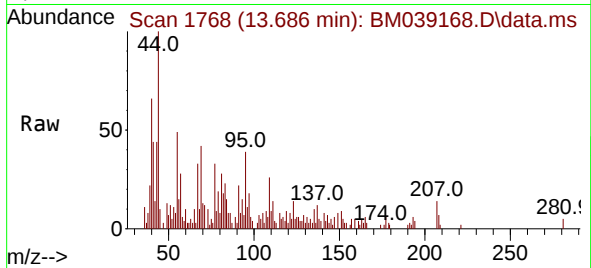




#48
2-Nitroaniline
Concen: 2.234 ng
RT: 13.686 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

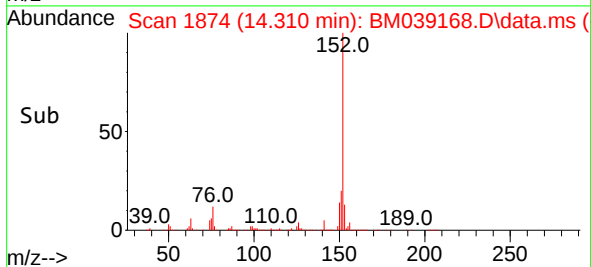
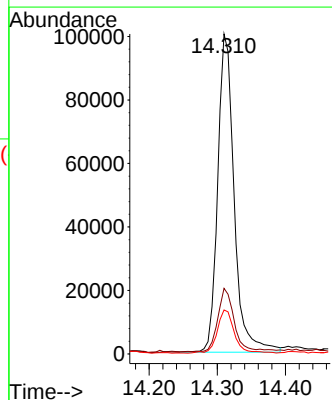
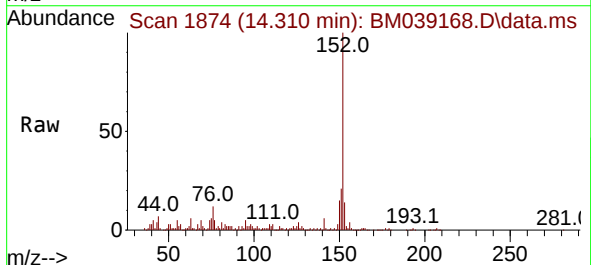
Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

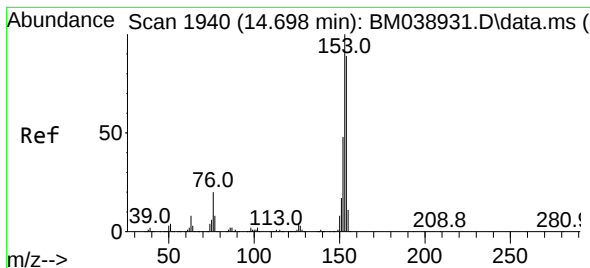
Tgt Ion: 65 Resp: 245
Ion Ratio Lower Upper
65 100
92 79.6 54.9 82.3
138 44.6 81.6 122.4#



#49
Acenaphthylene
Concen: 2.680 ng
RT: 14.310 min Scan# 1874
Delta R.T. -0.000 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:152 Resp: 168501
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 13.8 10.4 15.6





#52

Acenaphthene

Concen: 10.136 ng

RT: 14.651 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

Instrument :

BNA_M

ClientSampleId :

BROAD-CHANNEL-SUBSTATION-TP2

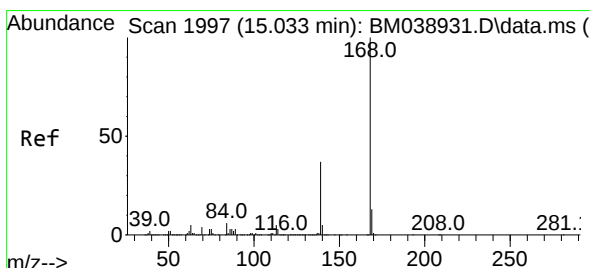
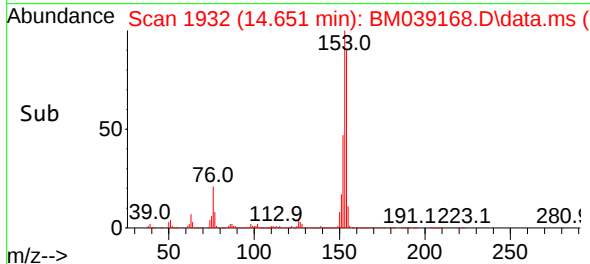
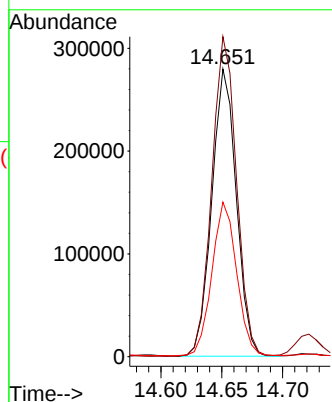
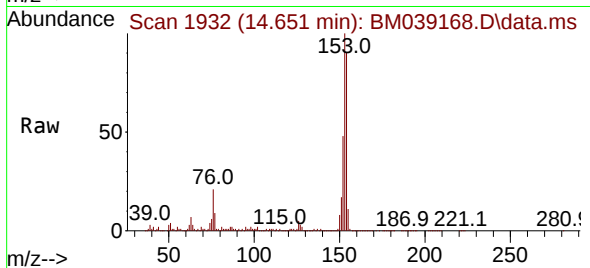
Tgt Ion:154 Resp: 391681

Ion Ratio Lower Upper

154 100

153 111.2 90.2 135.2

152 53.7 43.4 65.2



#55

Dibenzofuran

Concen: 4.787 ng

RT: 14.986 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

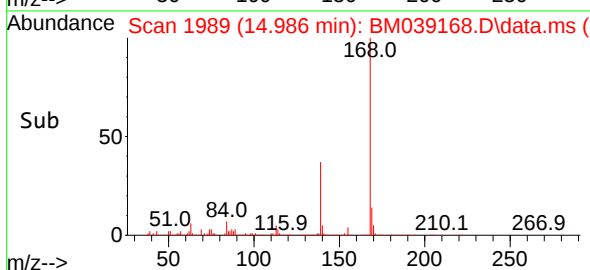
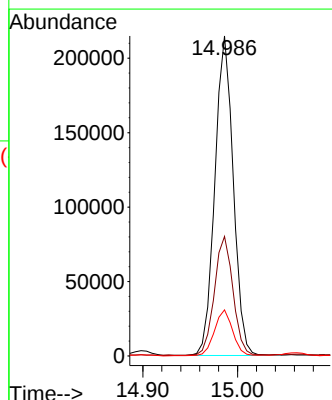
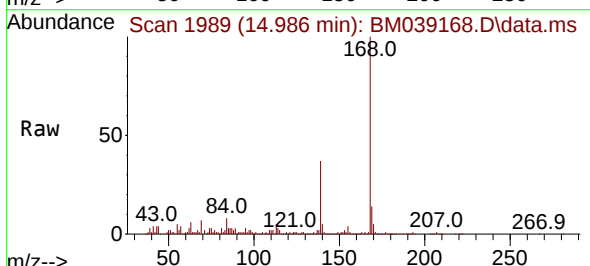
Tgt Ion:168 Resp: 289468

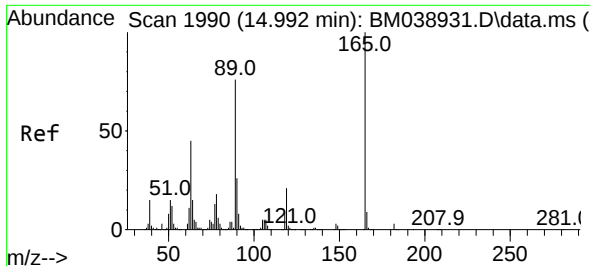
Ion Ratio Lower Upper

168 100

139 37.4 29.9 44.9

169 14.4 10.7 16.1

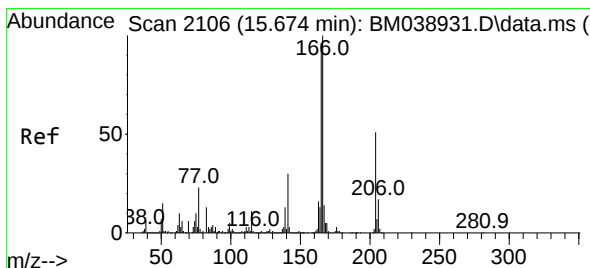
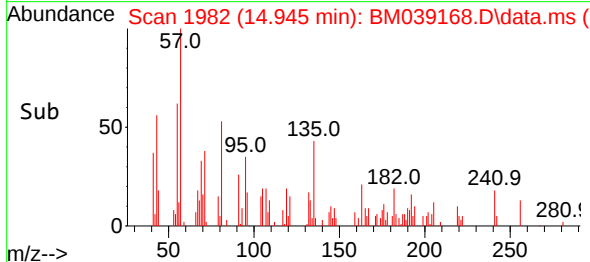
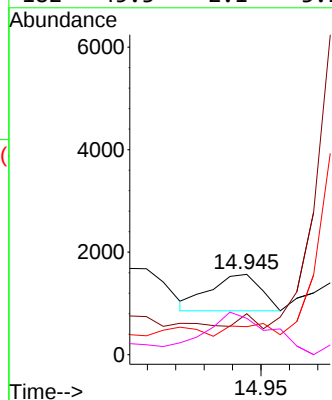
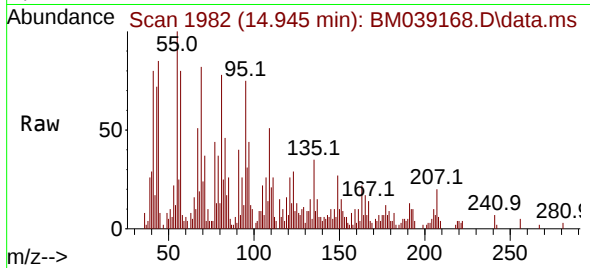




#57
2,4-Dinitrotoluene
Concen: 2.132 ng
RT: 14.945 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

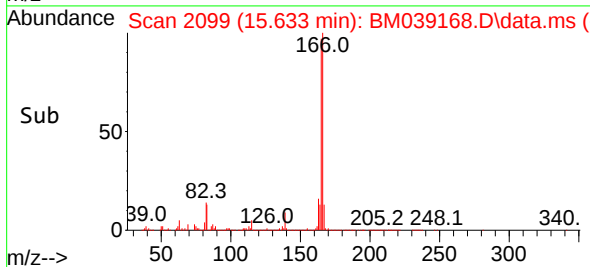
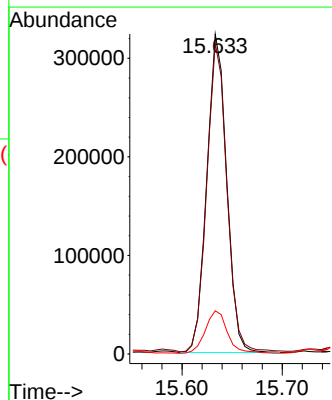
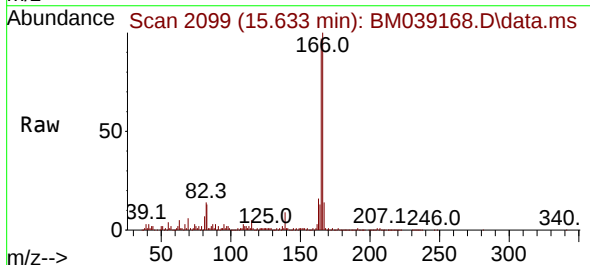
Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

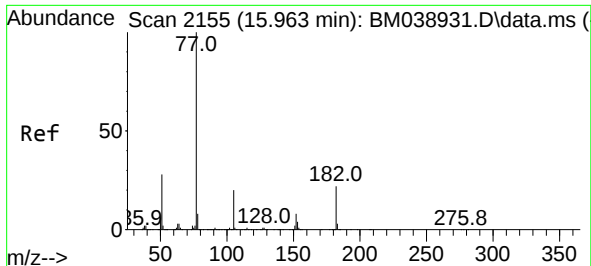
Tgt Ion:165 Resp: 881
Ion Ratio Lower Upper
165 100
63 51.0 35.9 53.9
89 34.8 61.0 91.6#
182 45.3 2.1 3.1#



#58
Fluorene
Concen: 9.448 ng
RT: 15.633 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:166 Resp: 447550
Ion Ratio Lower Upper
166 100
165 97.1 77.1 115.7
167 13.5 10.9 16.3

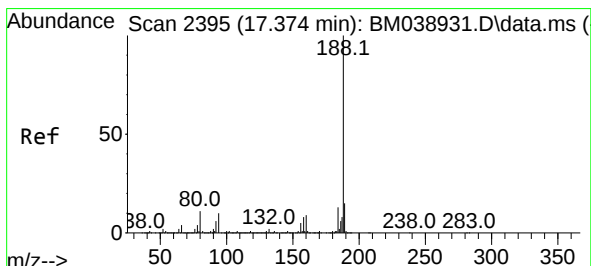
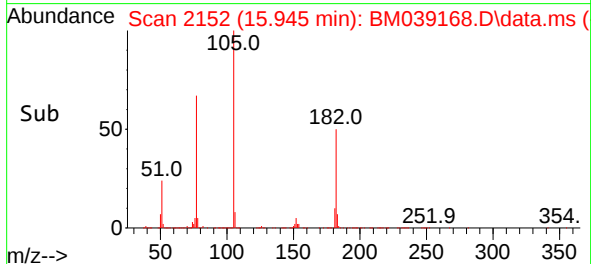
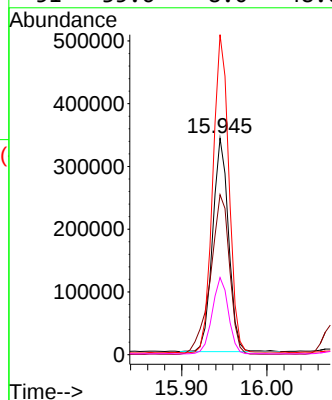
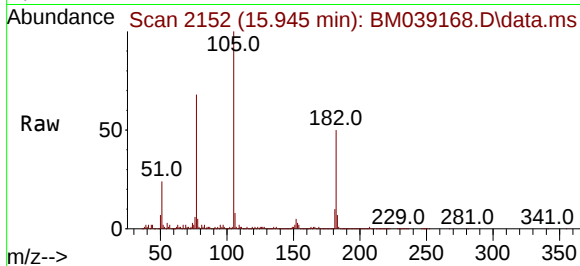




#63
Azobenzene
Concen: 9.083 ng
RT: 15.945 min Scan# 2155
Delta R.T. 0.023 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

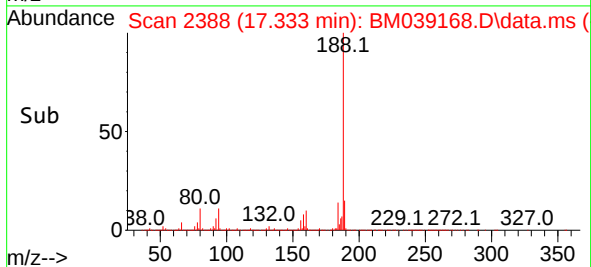
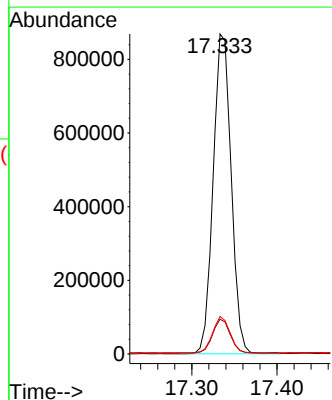
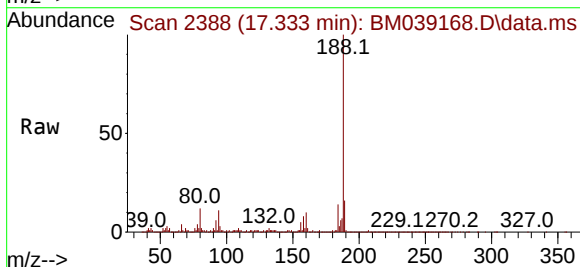
Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

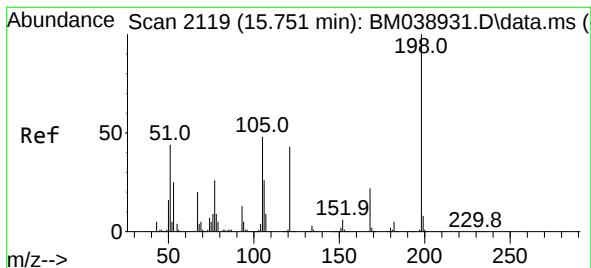
Tgt Ion: 77 Resp: 444669
Ion Ratio Lower Upper
77 100
182 73.9 2.0 42.0#
105 147.8 0.4 40.4#
51 35.6 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:188 Resp: 1273672
Ion Ratio Lower Upper
188 100
94 10.8 7.9 11.9
80 11.7 8.5 12.7

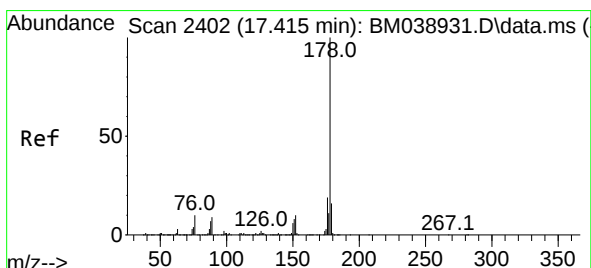
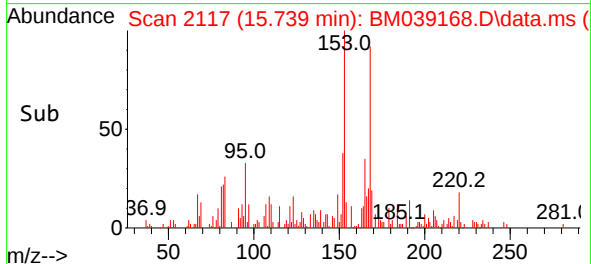
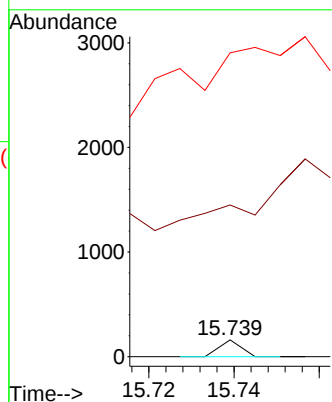
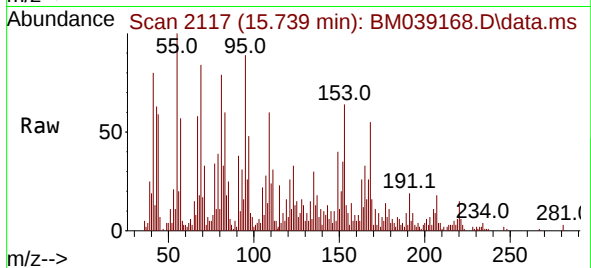




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.094 ng
 RT: 15.739 min Scan# 2117
 Delta R.T. 0.023 min
 Lab File: BM039168.D
 Acq: 27 Mar 2023 19:54

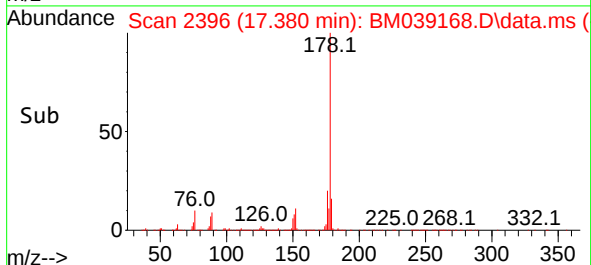
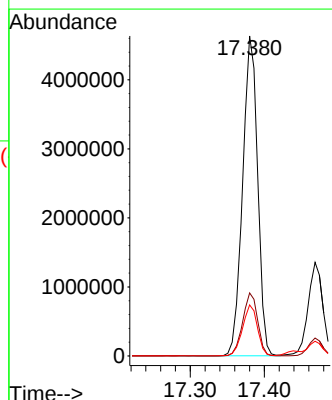
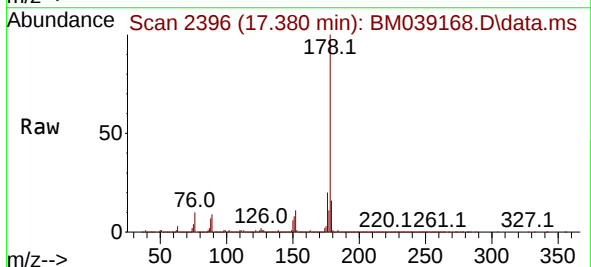
Instrument :
 BNA_M
 ClientSampleId :
 BROAD-CHANNEL-SUBSTATION-TP2

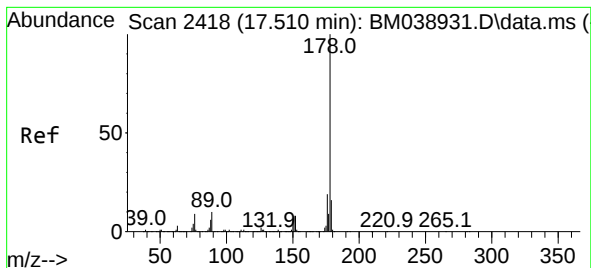
Tgt Ion:198 Resp: 56
 Ion Ratio Lower Upper
 198 100
 51 906.2 30.1 70.1#
 105 1815.6 29.3 69.3#



#71
 Phenanthrene
 Concen: 87.064 ng
 RT: 17.380 min Scan# 2396
 Delta R.T. -0.000 min
 Lab File: BM039168.D
 Acq: 27 Mar 2023 19:54

Tgt Ion:178 Resp: 6508288
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 15.9 12.5 18.7





#72

Anthracene

Concen: 24.478 ng

RT: 17.468 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

Instrument :

BNA_M

ClientSampleId :

BROAD-CHANNEL-SUBSTATION-TP2

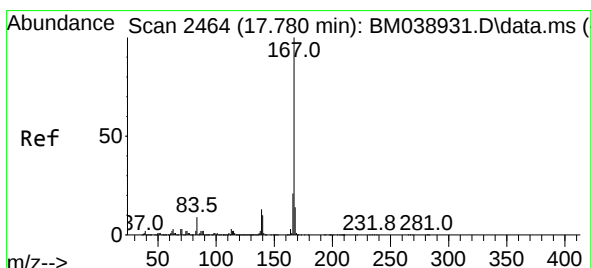
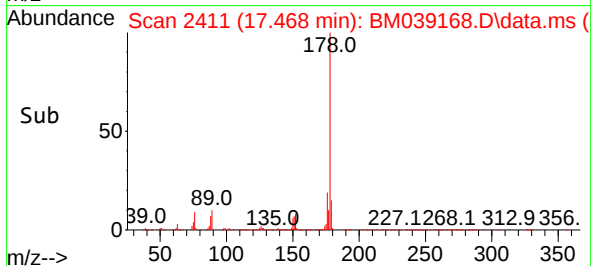
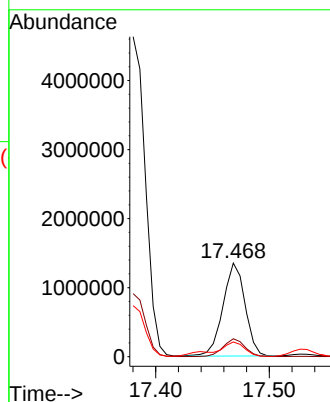
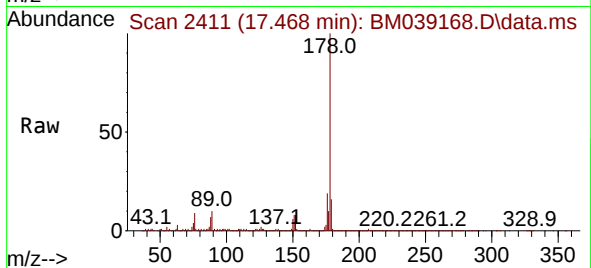
Tgt Ion:178 Resp: 1824774

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.7 12.5 18.7



#73

Carbazole

Concen: 14.385 ng

RT: 17.739 min Scan# 2457

Delta R.T. -0.000 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

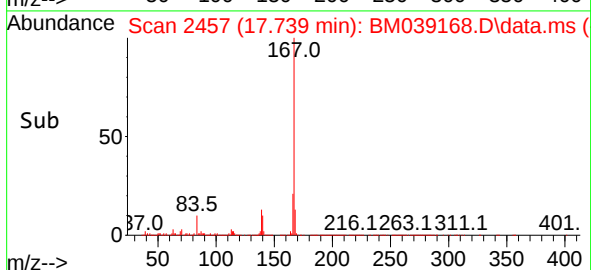
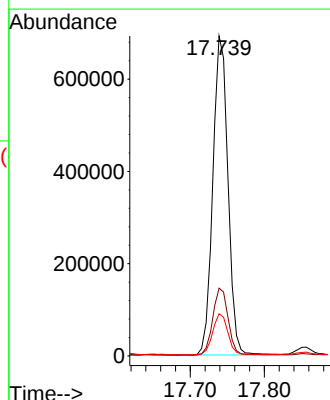
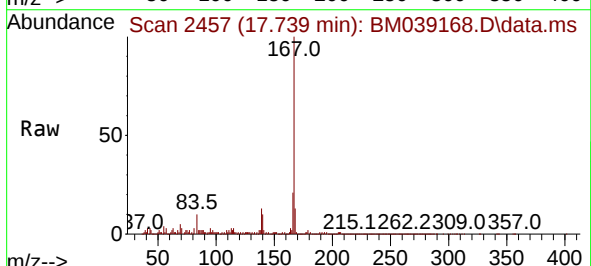
Tgt Ion:167 Resp: 978677

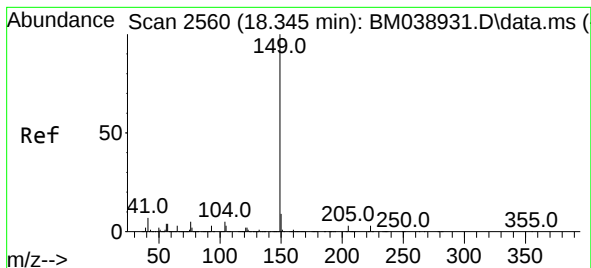
Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 13.2 10.3 15.5





#74

Di-n-butylphthalate

Concen: 2.071 ng

RT: 18.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

Instrument :

BNA_M

ClientSampleId :

BROAD-CHANNEL-SUBSTATION-TP2

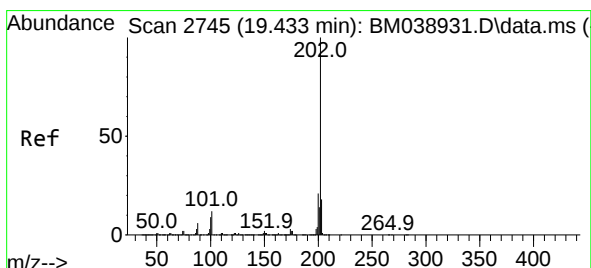
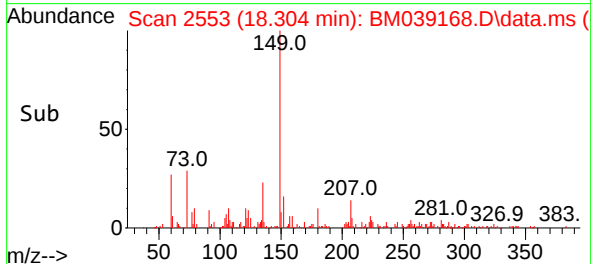
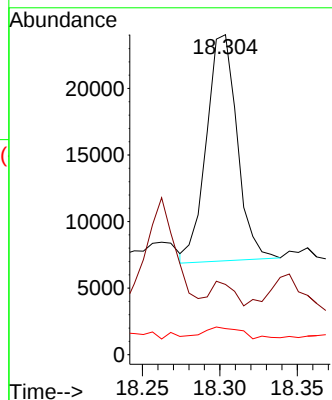
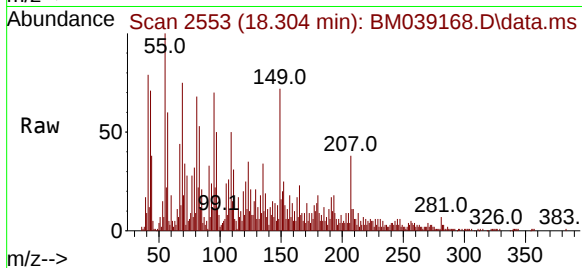
Tgt Ion:149 Resp: 23457

Ion Ratio Lower Upper

149 100

150 21.9 7.4 11.2#

104 8.2 4.3 6.5#



#75

Fluoranthene

Concen: 131.090 ng

RT: 19.398 min Scan# 2739

Delta R.T. 0.006 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

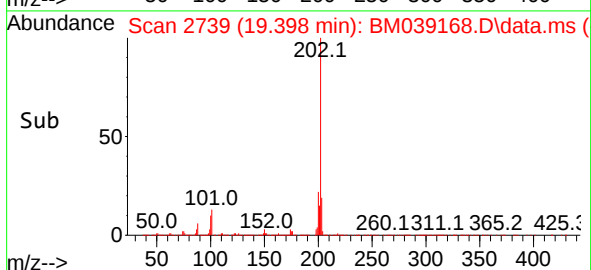
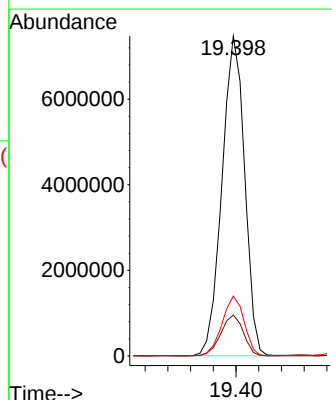
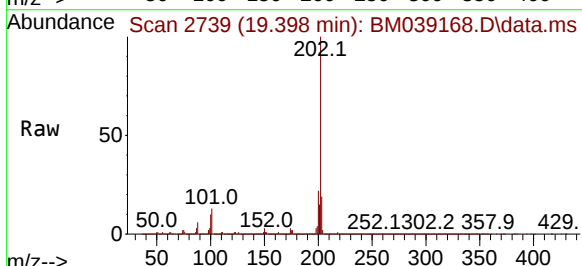
Tgt Ion:202 Resp:10346555

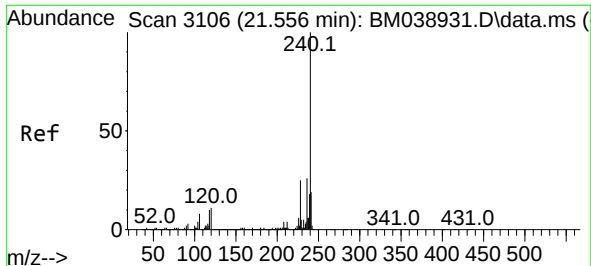
Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.7

203 18.7 0.0 37.6

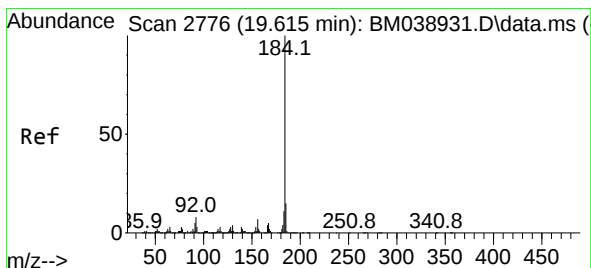
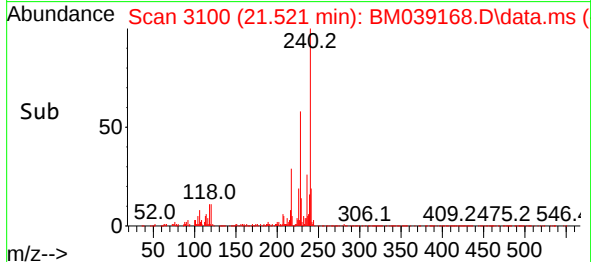
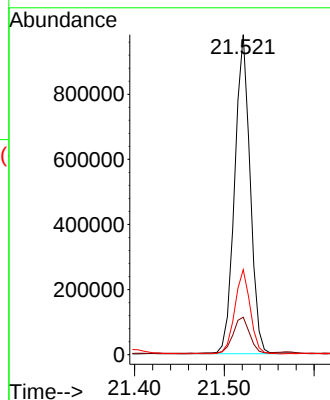
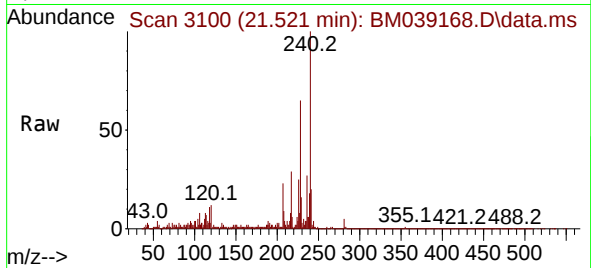




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

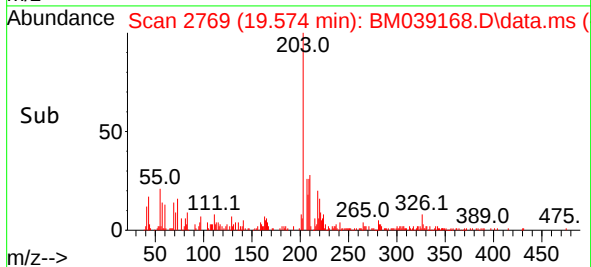
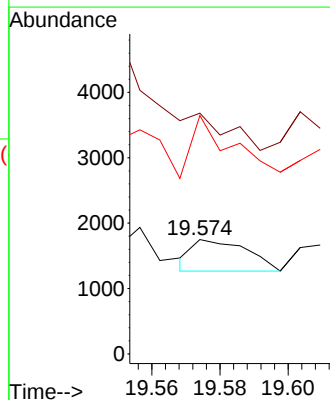
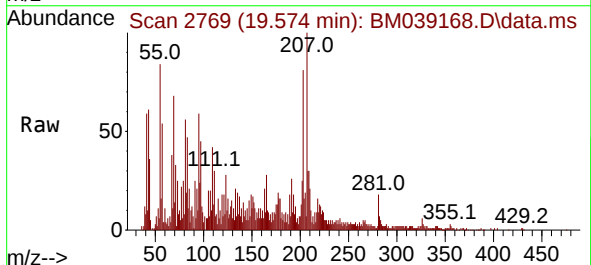
Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

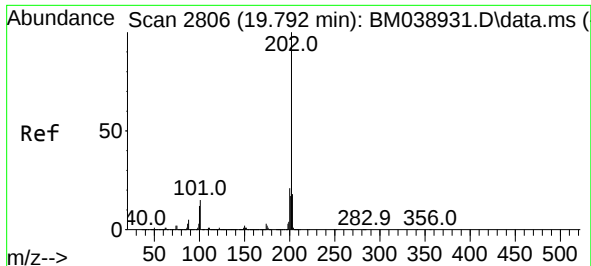
Tgt Ion:240 Resp: 1170599
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.5 20.8 31.2



#77
Benzidine
Concen: 4.894 ng
RT: 19.574 min Scan# 2769
Delta R.T. -0.006 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:184 Resp: 531
Ion Ratio Lower Upper
184 100
185 210.7 12.2 18.4#
183 208.5 8.8 13.2#

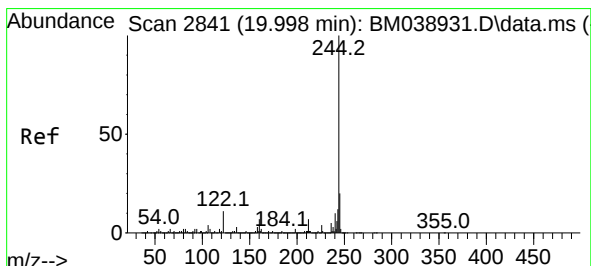
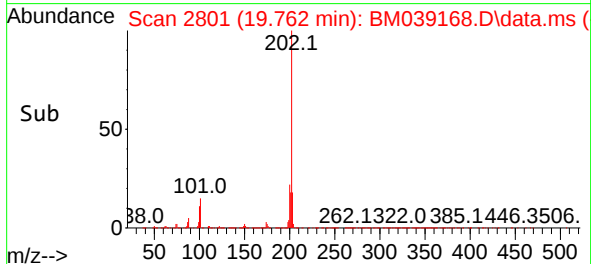
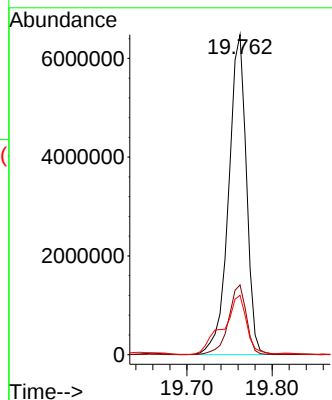
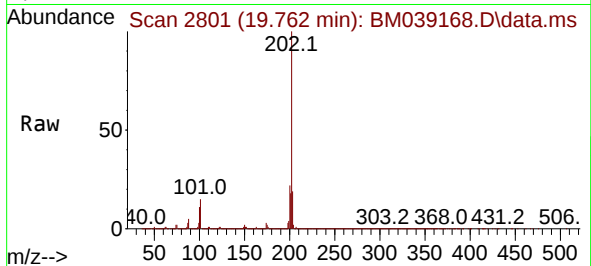




#78
 Pyrene
 Concen: 106.475 ng
 RT: 19.762 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM039168.D
 Acq: 27 Mar 2023 19:54

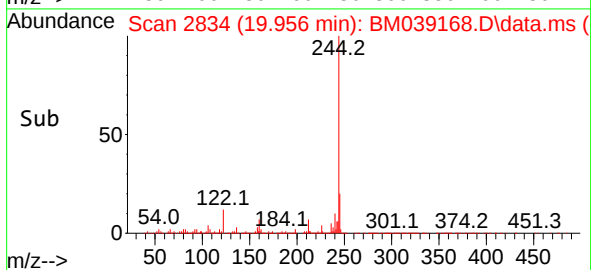
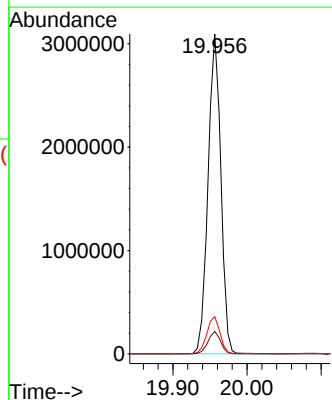
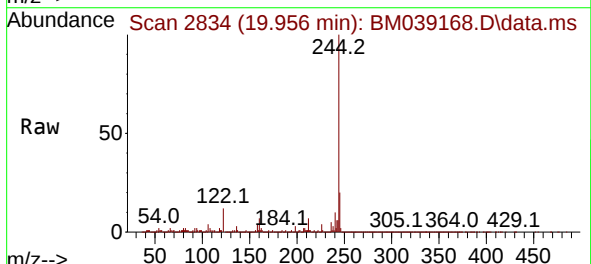
Instrument :
 BNA_M
 ClientSampleId :
 BROAD-CHANNEL-SUBSTATION-TP2

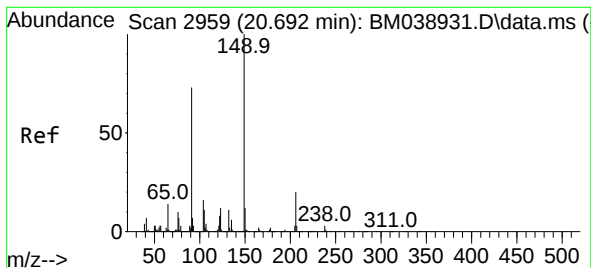
Tgt Ion:202 Resp: 9361489
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.1 25.7
 203 18.6 14.1 21.1



#79
 Terphenyl-d14
 Concen: 57.816 ng
 RT: 19.956 min Scan# 2834
 Delta R.T. -0.000 min
 Lab File: BM039168.D
 Acq: 27 Mar 2023 19:54

Tgt Ion:244 Resp: 3701731
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.7 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.402 ng

RT: 20.651 min Scan# 2959

Delta R.T. 0.006 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

Instrument :

BNA_M

ClientSampleId :

BROAD-CHANNEL-SUBSTATION-TP2

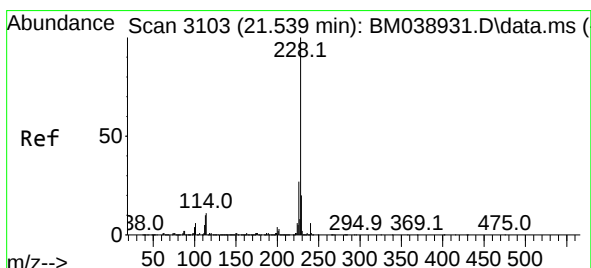
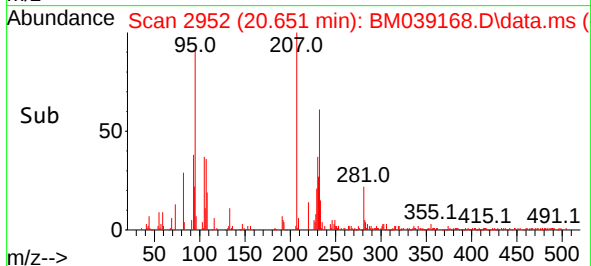
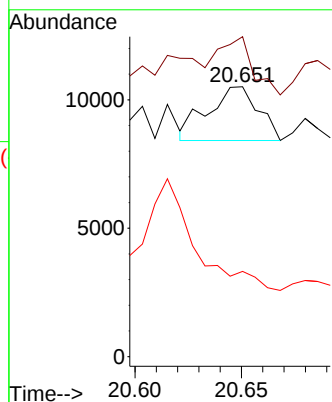
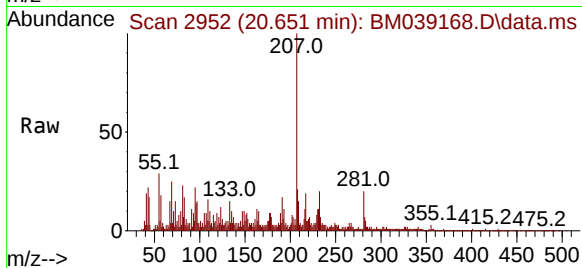
Tgt Ion:149 Resp: 3463

Ion Ratio Lower Upper

149 100

91 118.5 58.4 87.6#

206 31.6 16.1 24.1#



#81

Benzo(a)anthracene

Concen: 62.770 ng

RT: 21.503 min Scan# 3097

Delta R.T. 0.006 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

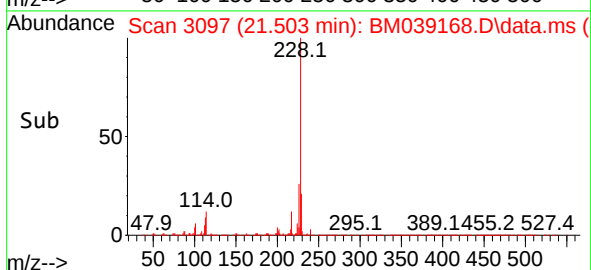
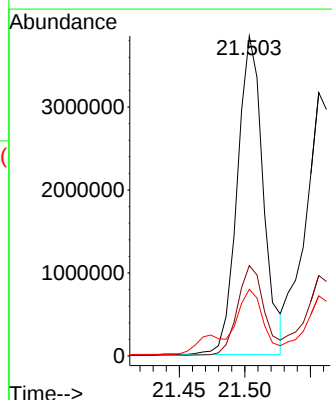
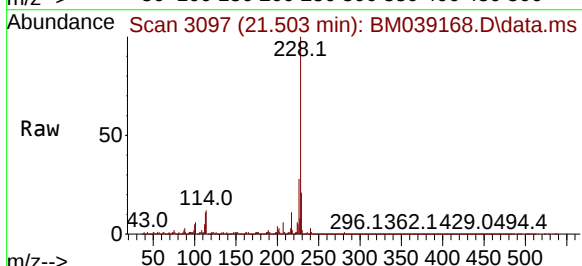
Tgt Ion:228 Resp: 5291545

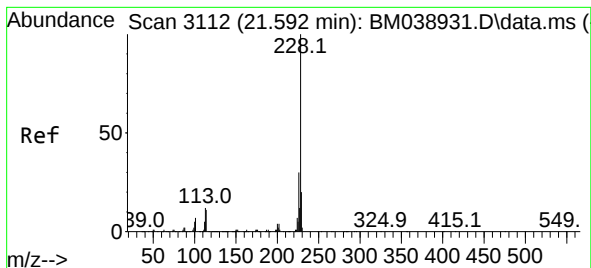
Ion Ratio Lower Upper

228 100

226 28.2 21.4 32.2

229 20.9 15.7 23.5





#83

Chrysene

Concen: 57.848 ng

RT: 21.556 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

Instrument :

BNA_M

ClientSampleId :

BROAD-CHANNEL-SUBSTATION-TP2

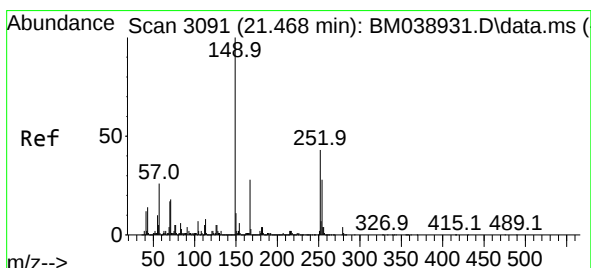
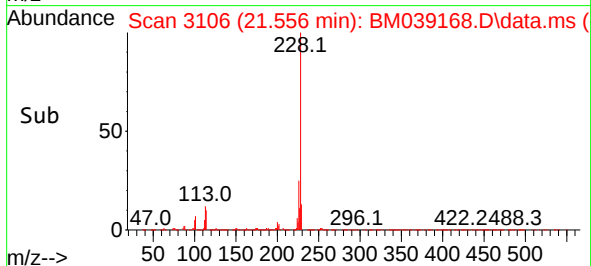
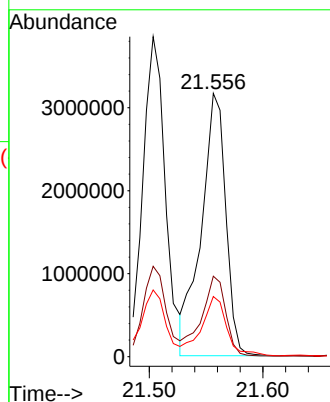
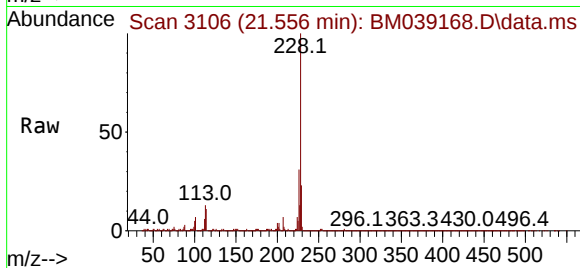
Tgt Ion:228 Resp: 4742903

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 22.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.119 ng

RT: 21.421 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

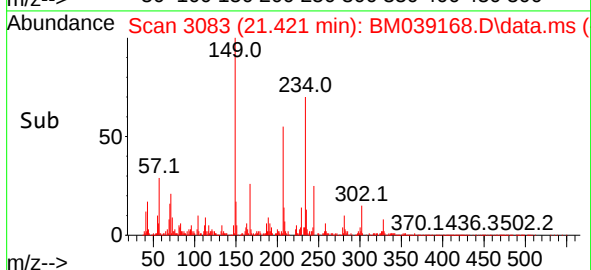
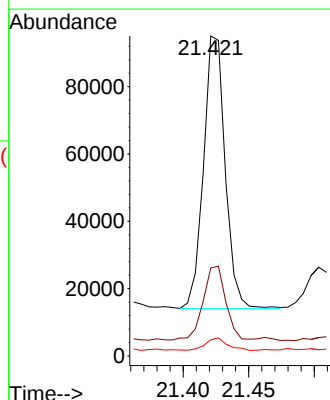
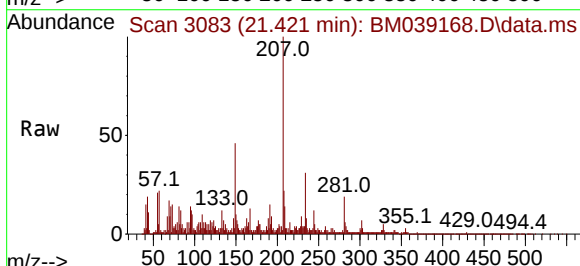
Tgt Ion:149 Resp: 93151

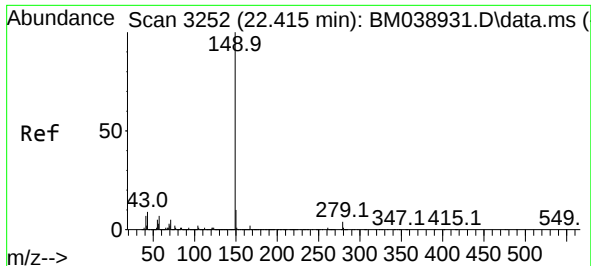
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 5.1 3.2 4.8#

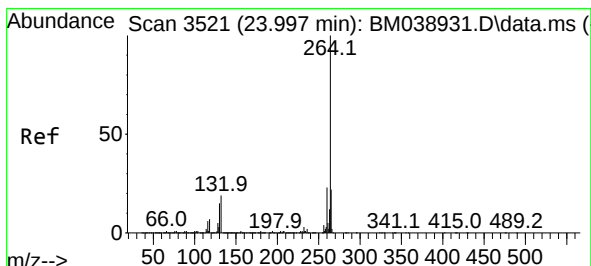
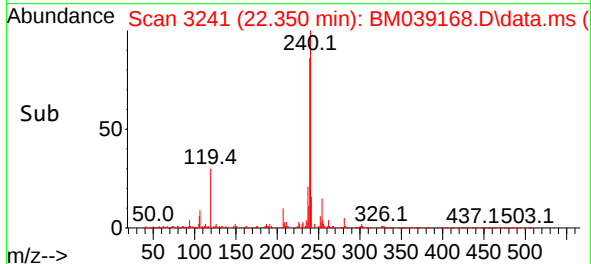
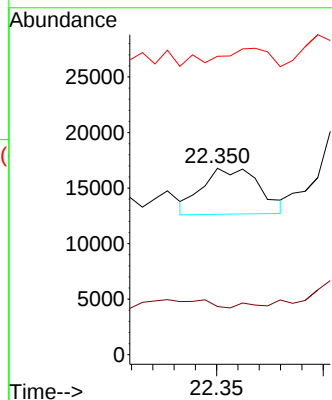
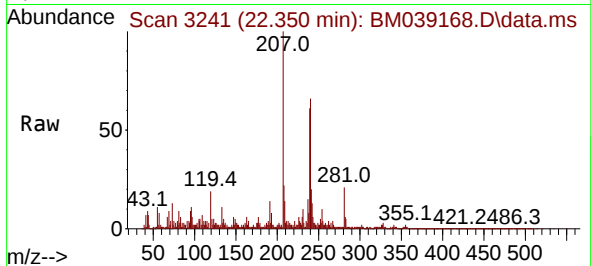




#85
Di-n-octyl phthalate
Concen: 3.875 ng
RT: 22.350 min Scan# 311
Delta R.T. -0.006 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

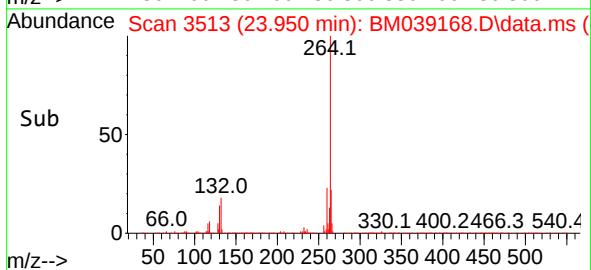
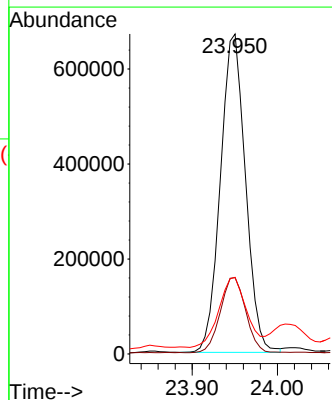
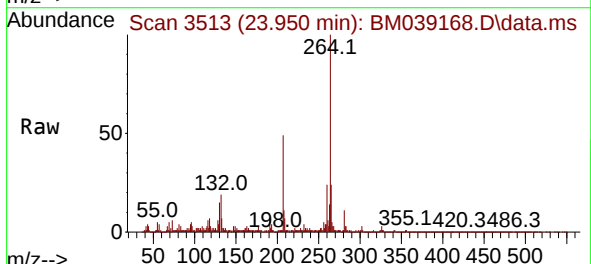
Instrument :
BNA_M
ClientSampleId :
BROAD-CHANNEL-SUBSTATION-TP2

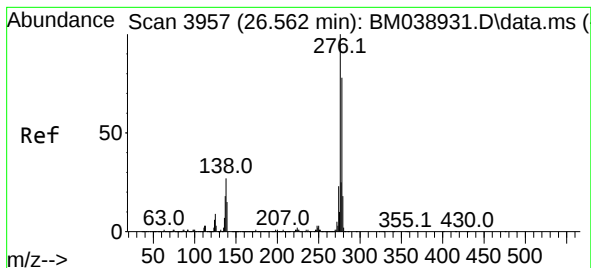
Tgt Ion:149 Resp: 7669
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 29.9 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.950 min Scan# 3513
Delta R.T. 0.012 min
Lab File: BM039168.D
Acq: 27 Mar 2023 19:54

Tgt Ion:264 Resp: 1367517
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 23.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.045 ng

RT: 26.480 min Scan# 3943

Delta R.T. 0.012 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

Instrument :

BNA_M

ClientSampleId :

BROAD-CHANNEL-SUBSTATION-TP2

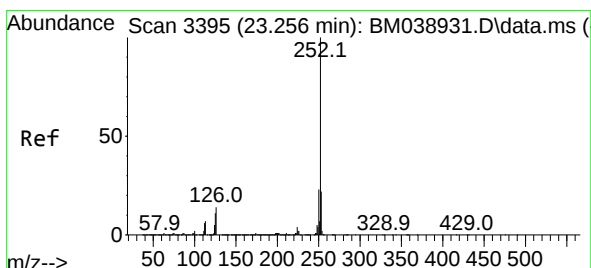
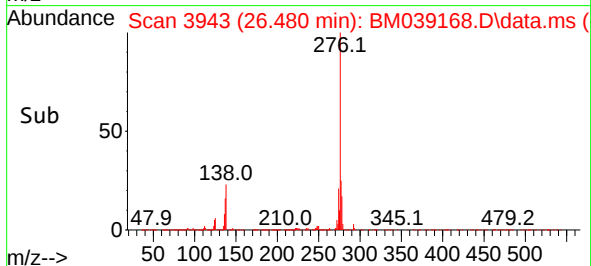
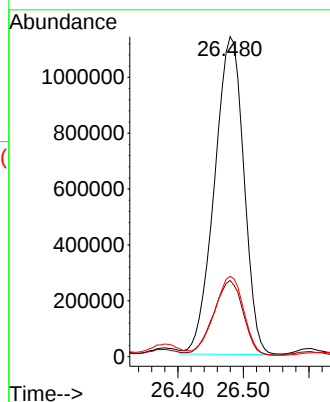
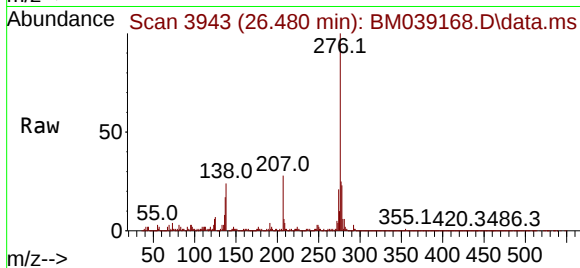
Tgt Ion:276 Resp: 3542650

Ion Ratio Lower Upper

276 100

138 23.7 22.1 33.1

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 80.737 ng

RT: 23.215 min Scan# 3388

Delta R.T. 0.018 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

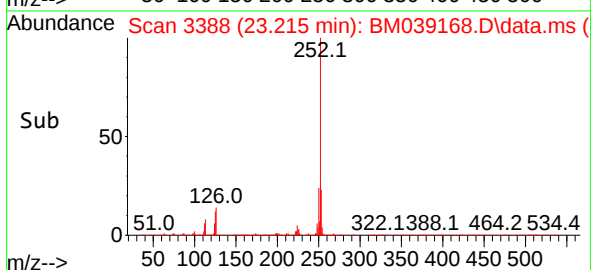
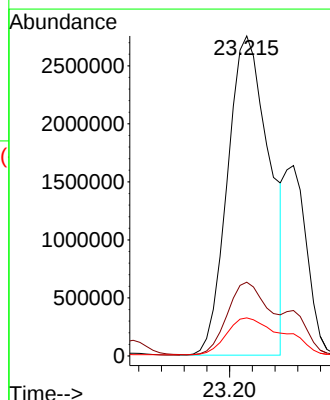
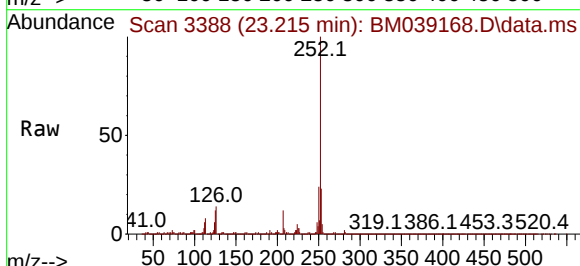
Tgt Ion:252 Resp: 7053673

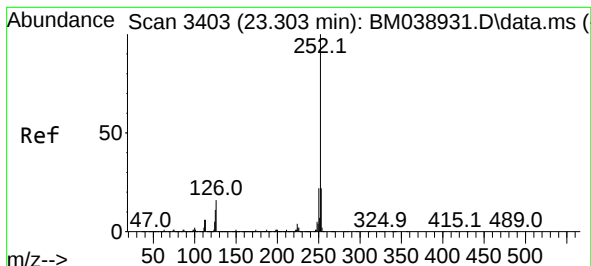
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 11.9 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 77.579 ng

RT: 23.215 min Scan# 31

Delta R.T. -0.035 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

Instrument :

BNA_M

ClientSampleId :

BROAD-CHANNEL-SUBSTATION-TP2

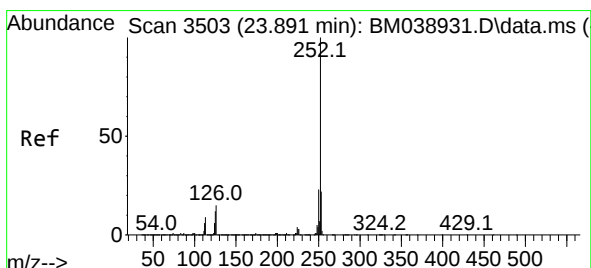
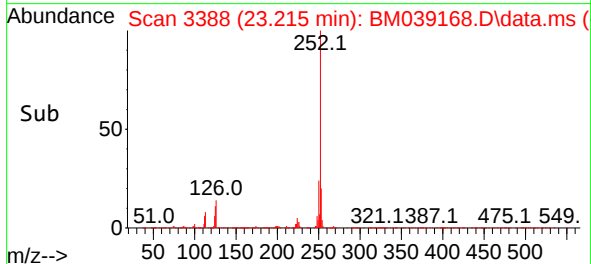
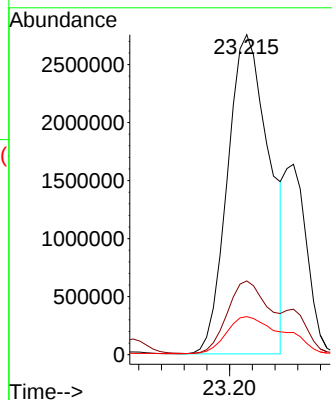
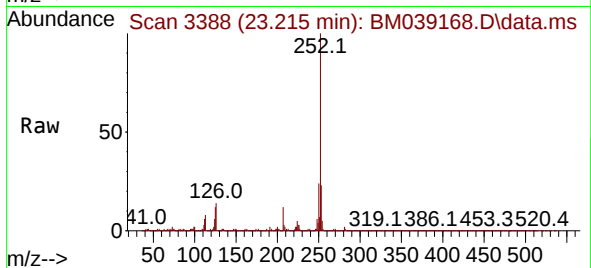
Tgt Ion:252 Resp: 7053673

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 11.9 8.9 13.3



#90

Benzo(a)pyrene

Concen: 59.201 ng

RT: 23.844 min Scan# 3495

Delta R.T. 0.012 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

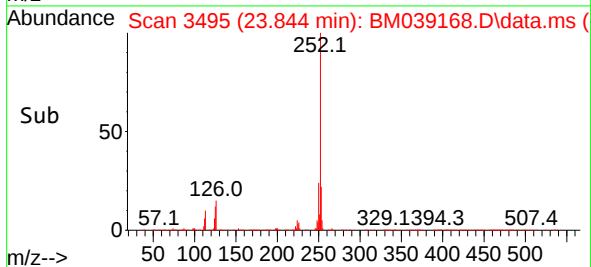
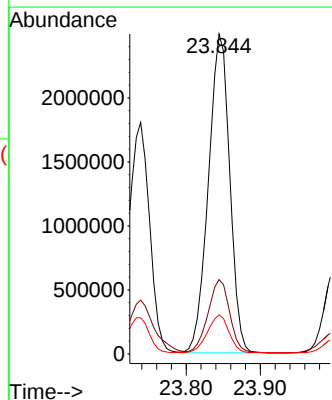
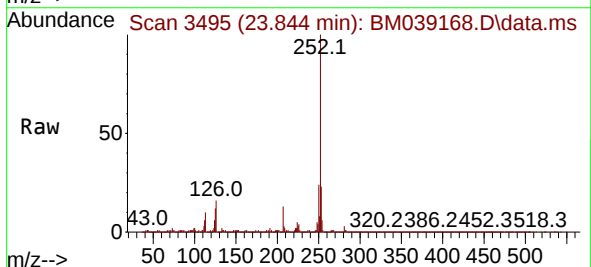
Tgt Ion:252 Resp: 4977765

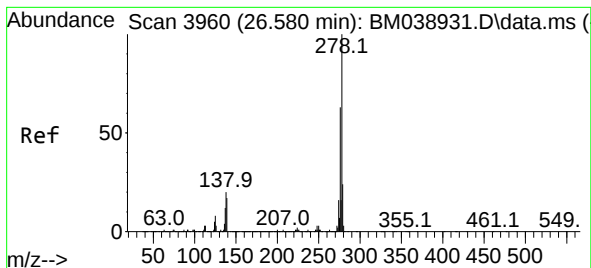
Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 12.2 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 10.406 ng

RT: 26.485 min Scan# 3960

Delta R.T. 0.006 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

Instrument :

BNA_M

ClientSampleId :

BROAD-CHANNEL-SUBSTATION-TP2

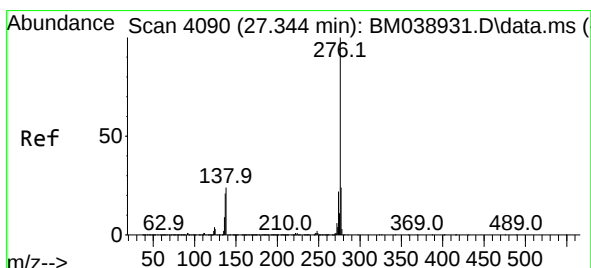
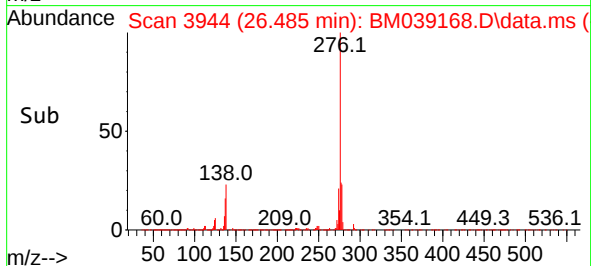
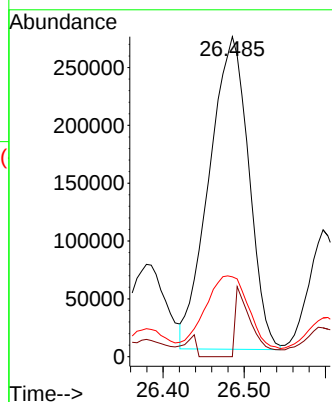
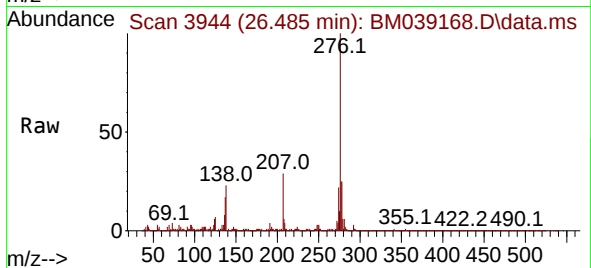
Tgt Ion:278 Resp: 916980

Ion Ratio Lower Upper

278 100

139 0.0 13.7 20.5#

279 25.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 41.775 ng

RT: 27.268 min Scan# 4077

Delta R.T. 0.023 min

Lab File: BM039168.D

Acq: 27 Mar 2023 19:54

Tgt Ion:276 Resp: 3601697

Ion Ratio Lower Upper

276 100

277 24.4 19.3 28.9

138 23.7 19.0 28.6

