

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039197.D
 Acq On : 29 Mar 2023 01:52
 Operator : CG/JU
 Sample : 02021-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JPP-6E-032023

Quant Time: Mar 29 03:52:37 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 29 01:28:31 2023
 Response via : Initial Calibration

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

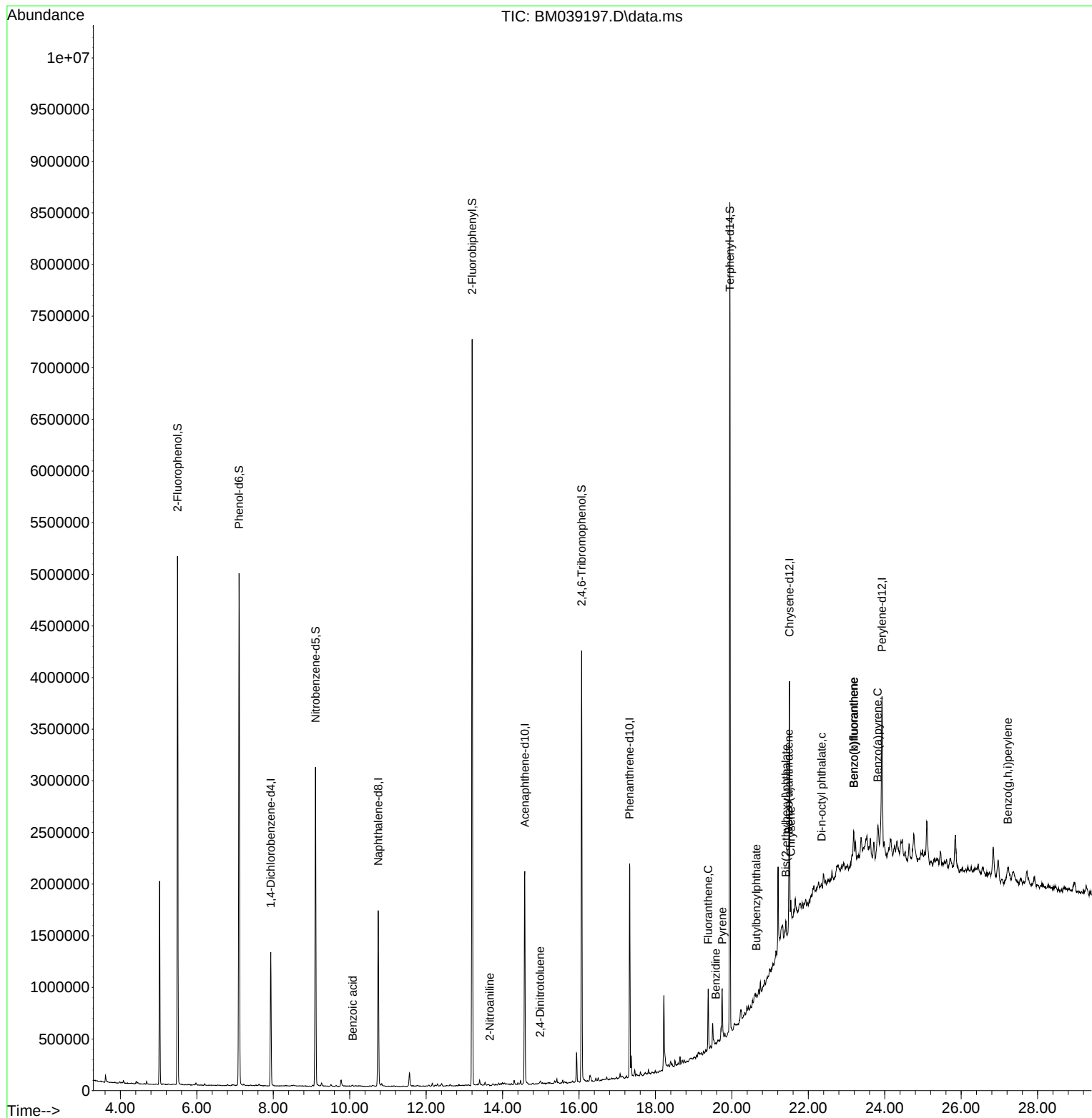
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	338415	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1360728	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	710451	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1246321	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1005308	20.000	ng	0.00
86) Perylene-d12	23.927	264	1101365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2245448	100.808	ng	0.00
7) Phenol-d6	7.105	99	2895353	100.073	ng	0.00
23) Nitrobenzene-d5	9.104	82	1749191	63.144	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	724010	88.092	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	3528470	64.654	ng	0.00
79) Terphenyl-d14	19.945	244	3734764	67.923	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.081	122	116	5.739	ng	# 1
48) 2-Nitroaniline	13.669	65	397	2.241	ng	# 34
57) 2,4-Dinitrotoluene	14.981	165	285	2.088	ng	# 64
75) Fluoranthene	19.380	202	316721	4.101	ng	# 99
77) Benzidine	19.580	184	200	4.884	ng	# 1
78) Pyrene	19.745	202	294089	3.895	ng	# 99
80) Butylbenzylphthalate	20.639	149	10346	3.616	ng	# 83
81) Benzo(a)anthracene	21.486	228	169284	2.338	ng	# 93
83) Chrysene	21.545	228	161273	2.290	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.415	149	57171	3.653	ng	# 97
85) Di-n-octyl phthalate	22.351	149	756	3.806	ng	# 1
88) Benzo(b)fluoranthene	23.192	252	216578	3.078	ng	# 74
89) Benzo(k)fluoranthene	23.192	252	216578	2.958	ng	# 74
90) Benzo(a)pyrene	23.815	252	150754	2.226	ng	# 82
92) Benzo(g,h,i)perylene	27.221	276	139119	2.004	ng	# 88

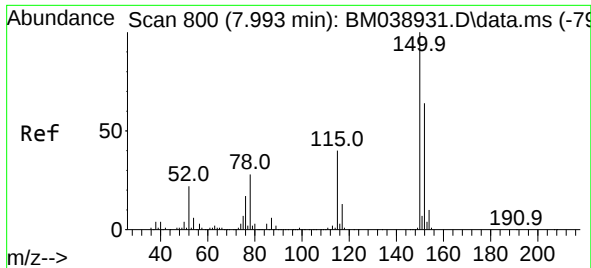
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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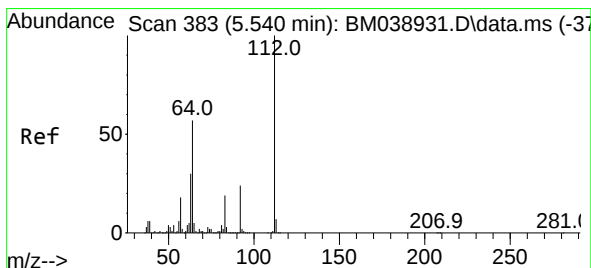
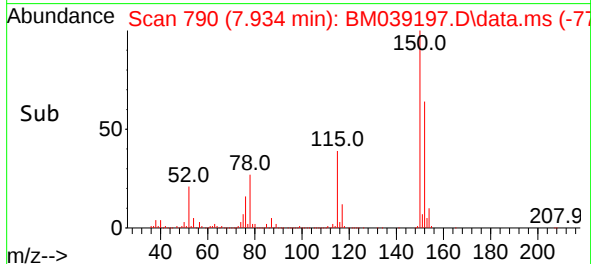
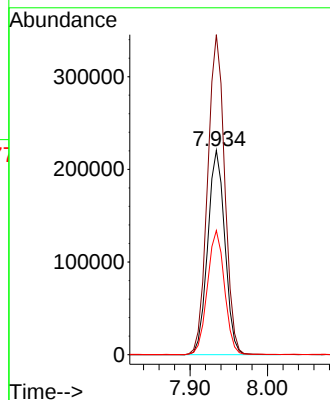
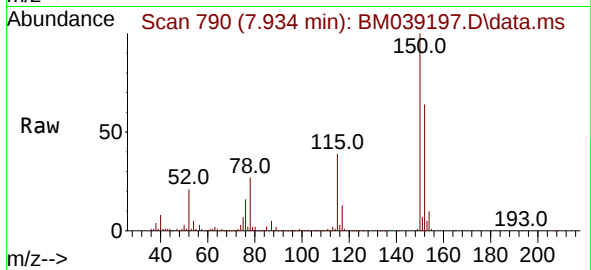




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.934 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BM039197.D
 Acq: 29 Mar 2023 01:52

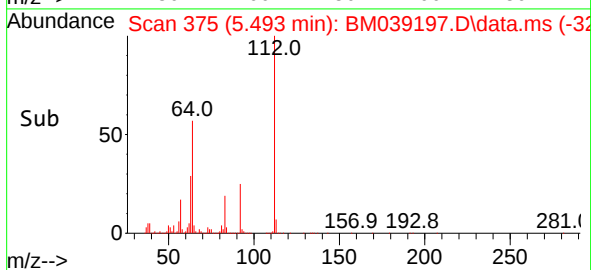
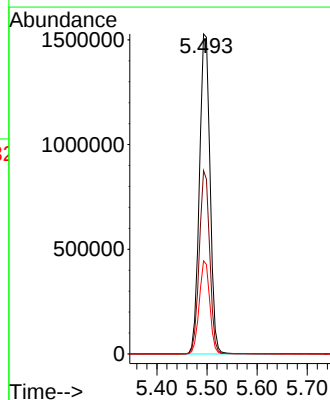
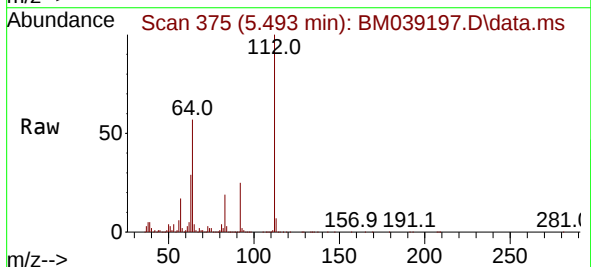
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 JPP-6E-032023

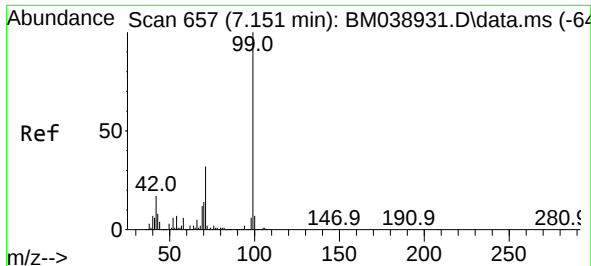
Tgt Ion:152 Resp: 338415
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.1 187.7
 115 60.8 49.6 74.4



#5
 2-Fluorophenol
 Concen: 100.808 ng
 RT: 5.493 min Scan# 375
 Delta R.T. -0.005 min
 Lab File: BM039197.D
 Acq: 29 Mar 2023 01:52

Tgt Ion:112 Resp: 2245448
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.9 68.9
 63 29.1 23.8 35.8

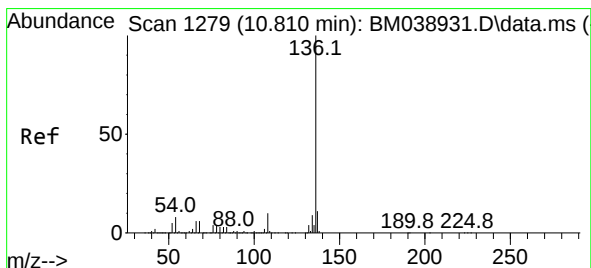
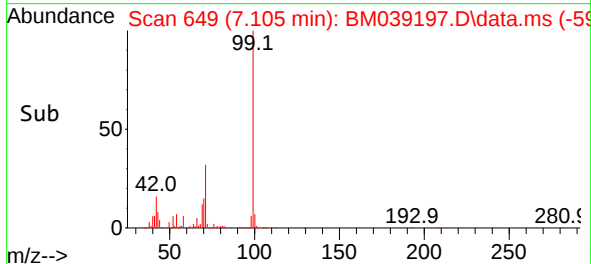
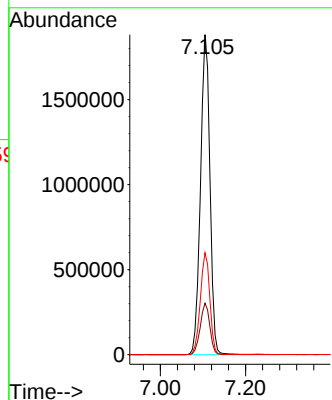
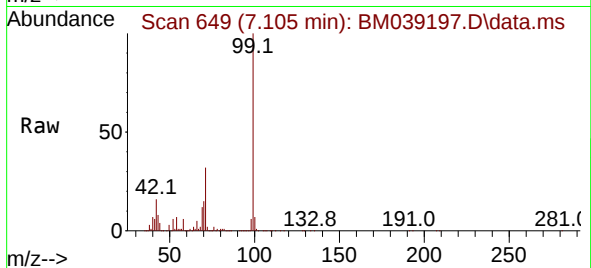




#7
Phenol-d6
Concen: 100.073 ng
RT: 7.105 min Scan# 649
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

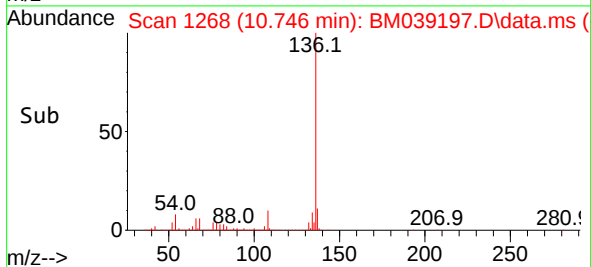
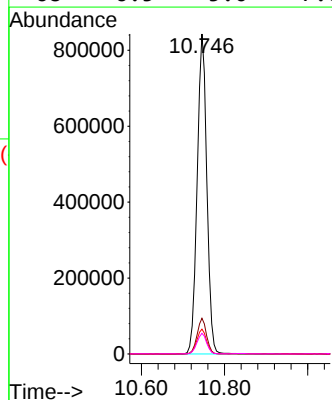
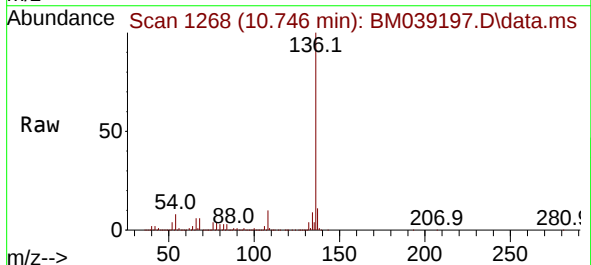
Instrument :
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ClientSampleId :
JPP-6E-032023

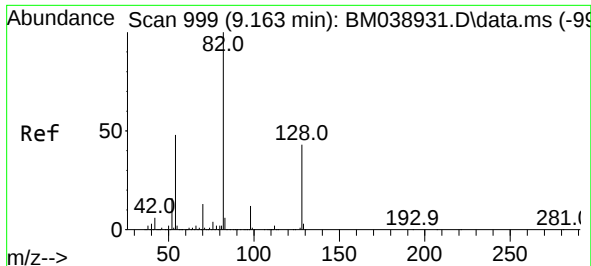
Tgt Ion: 99 Resp: 2895353
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1268
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion: 136 Resp: 1360728
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 6.3 9.5
68 6.5 5.0 7.6

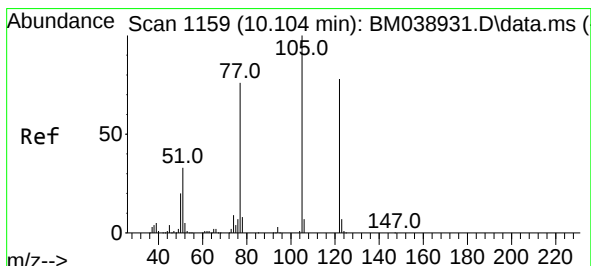
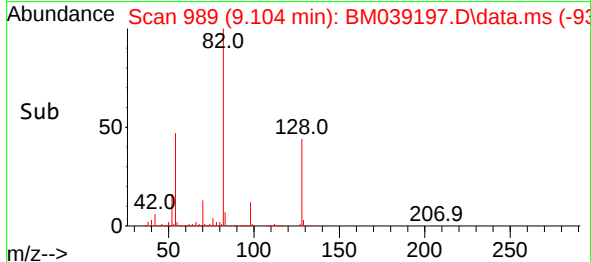
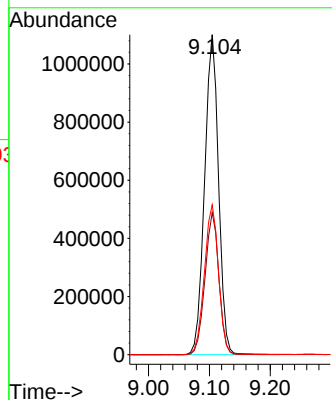
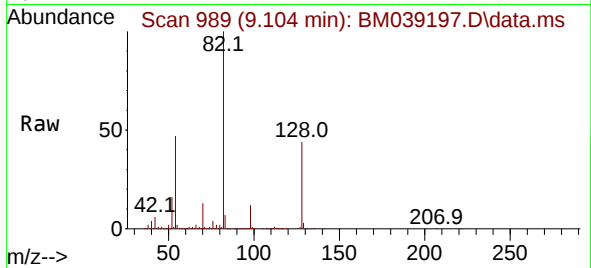




#23
Nitrobenzene-d5
Concen: 63.144 ng
RT: 9.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

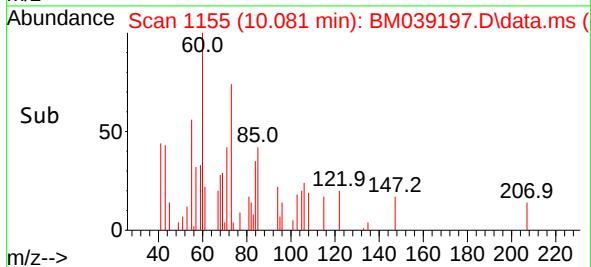
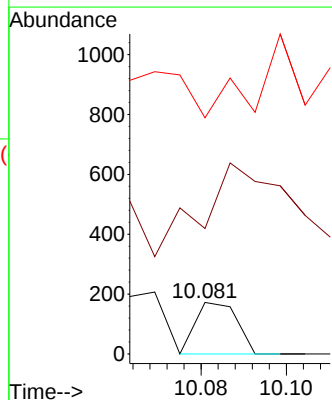
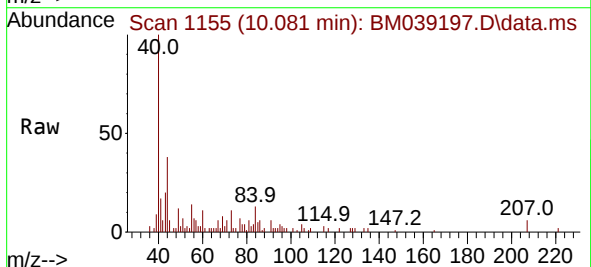
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

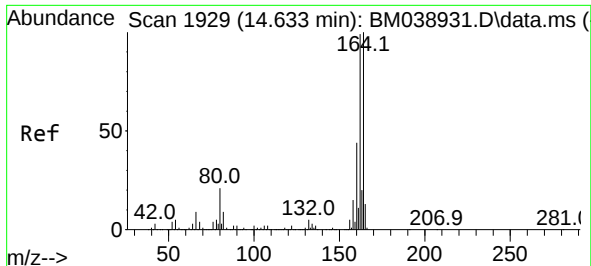
Tgt Ion: 82 Resp: 1749191
Ion Ratio Lower Upper
82 100
128 44.4 34.4 51.6
54 46.8 38.8 58.2



#32
Benzoic acid
Concen: 5.739 ng
RT: 10.081 min Scan# 1155
Delta R.T. -0.017 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion: 122 Resp: 116
Ion Ratio Lower Upper
122 100
105 243.6 104.2 144.2#
77 458.7 75.1 115.1#

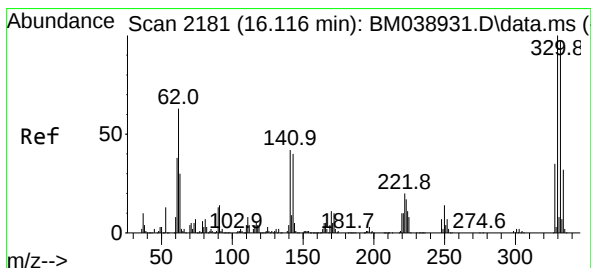
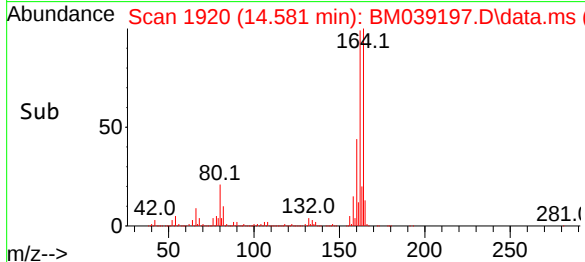
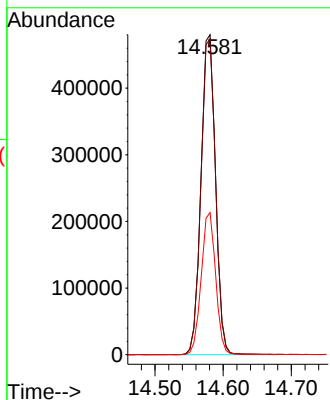
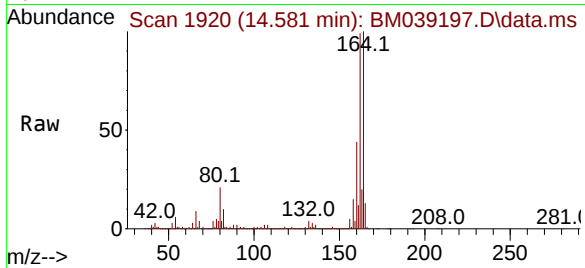




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

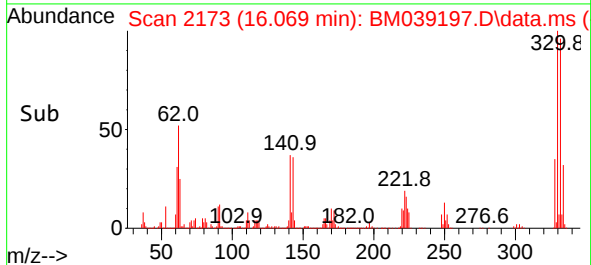
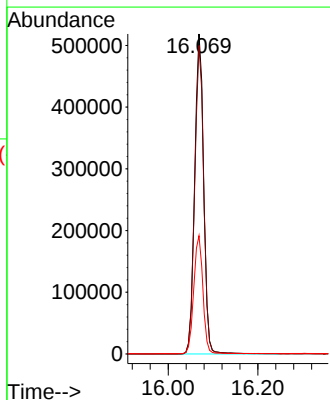
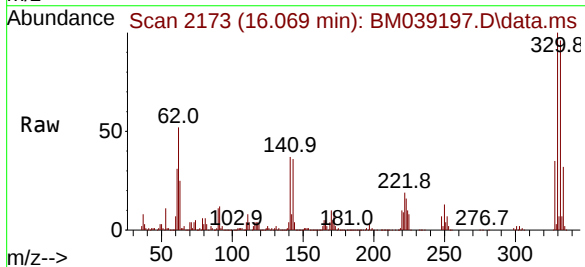
Instrument :
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ClientSampleId :
JPP-6E-032023

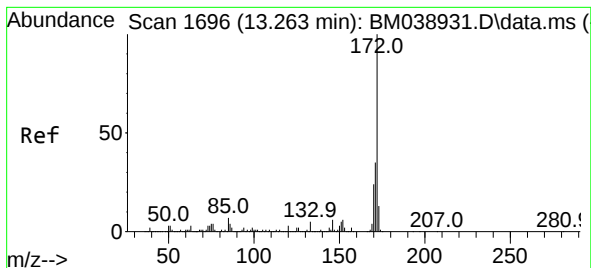
Tgt Ion:164 Resp: 710451
Ion Ratio Lower Upper
164 100
162 98.7 79.2 118.8
160 44.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 88.092 ng
RT: 16.069 min Scan# 2173
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion:330 Resp: 724010
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 37.1 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 64.654 ng

RT: 13.204 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

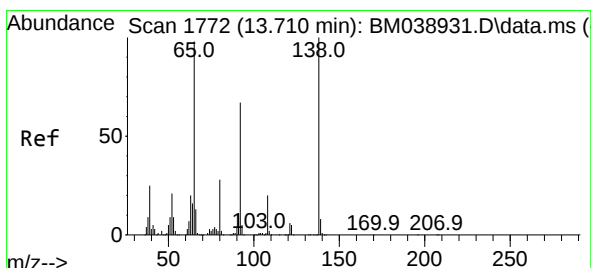
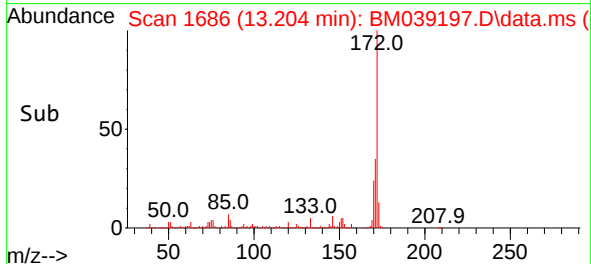
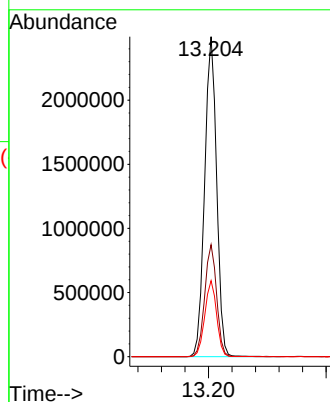
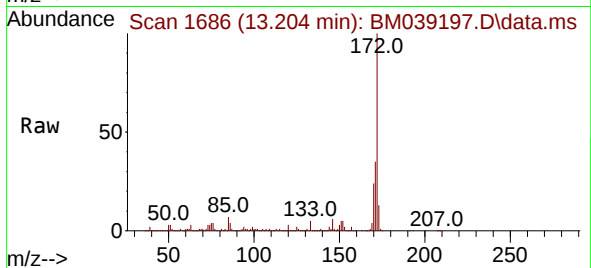
Tgt Ion:172 Resp: 3528470

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.7 19.1 28.7



#48

2-Nitroaniline

Concen: 2.241 ng

RT: 13.669 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

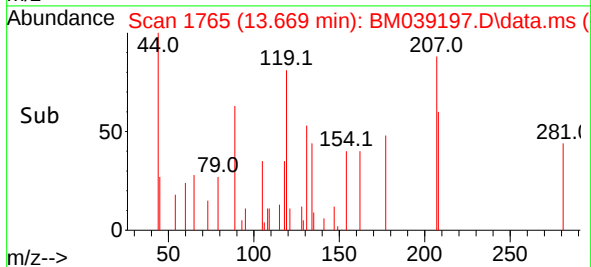
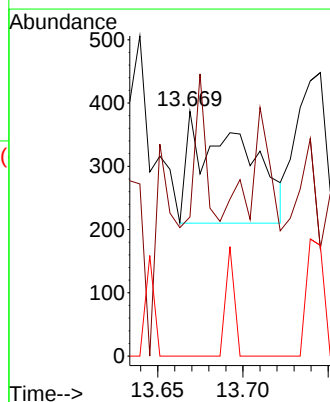
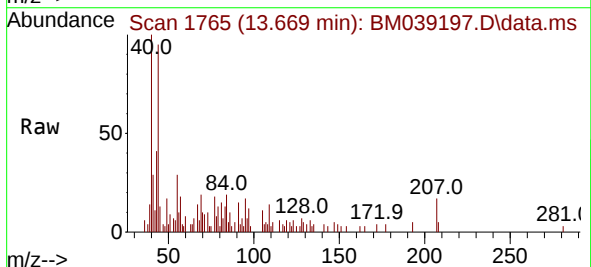
Tgt Ion: 65 Resp: 397

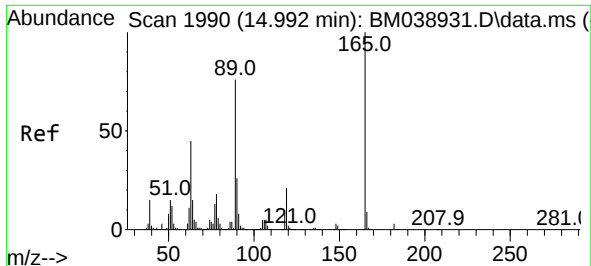
Ion Ratio Lower Upper

65 100

92 56.8 54.9 82.3

138 0.0 81.6 122.4#

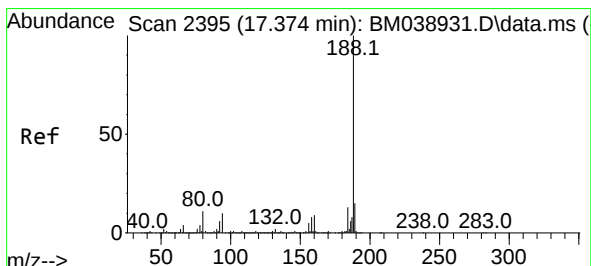
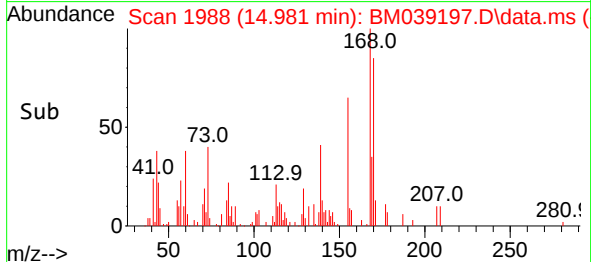
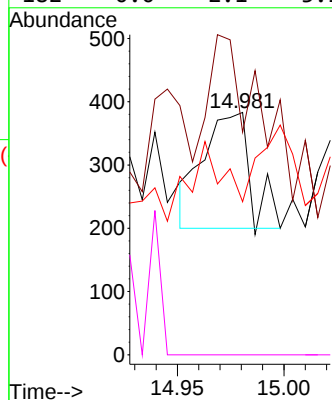
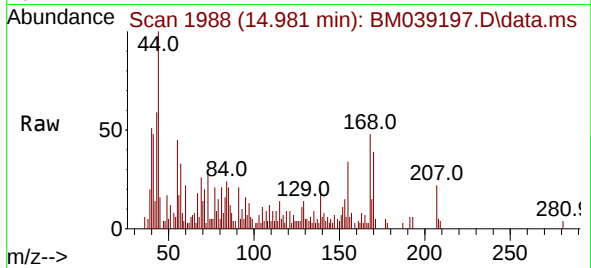




#57
2,4-Dinitrotoluene
Concen: 2.088 ng
RT: 14.981 min Scan# 1990
Delta R.T. 0.030 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

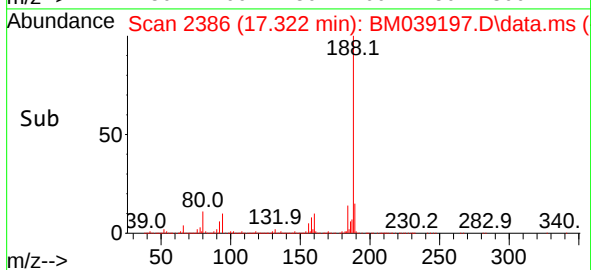
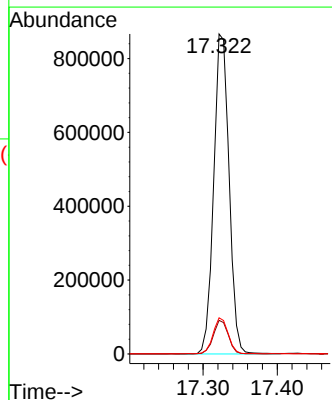
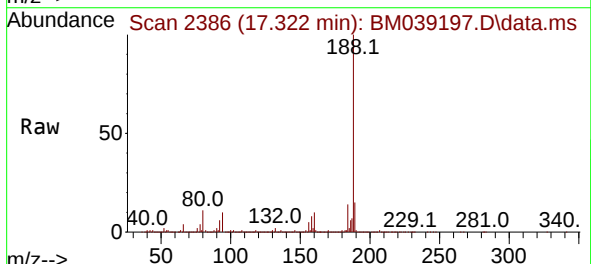
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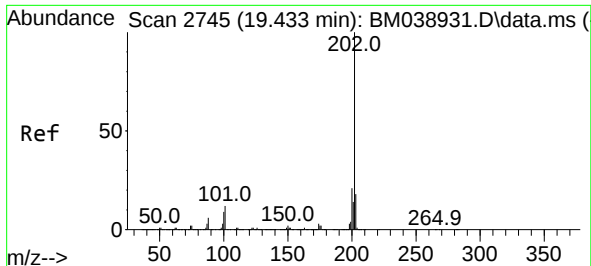
Tgt Ion:165 Resp: 285
Ion Ratio Lower Upper
165 100
63 91.9 35.9 53.9#
89 63.2 61.0 91.6
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion:188 Resp: 1246321
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.3 8.5 12.7

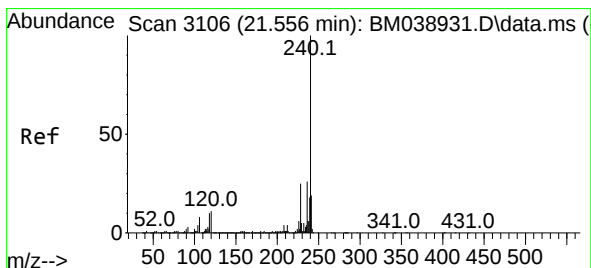
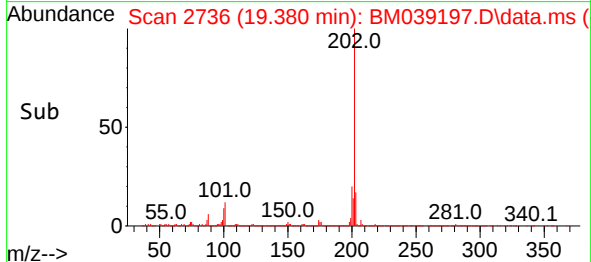
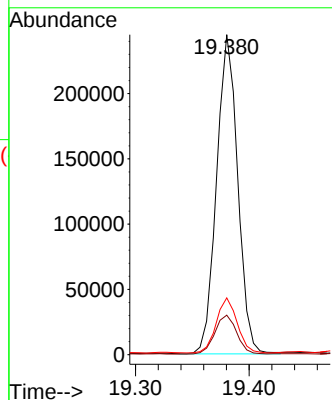
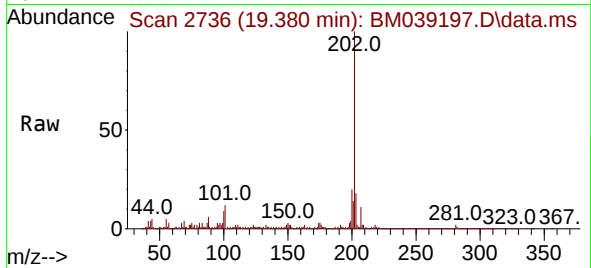




#75
Fluoranthene
Concen: 4.101 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

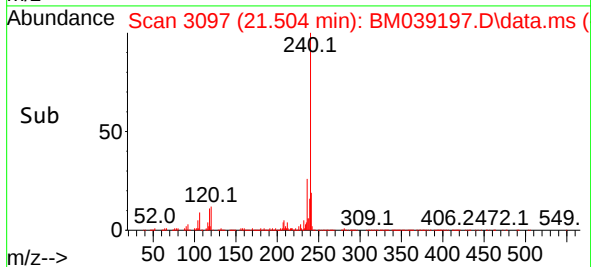
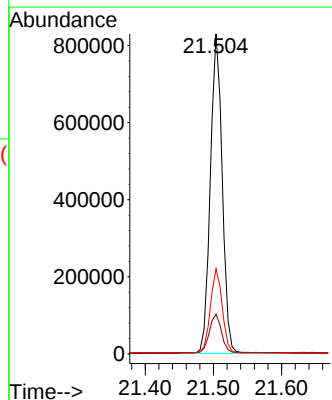
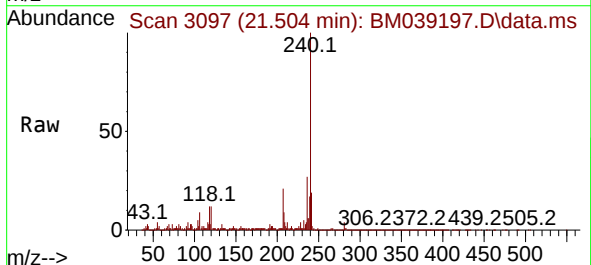
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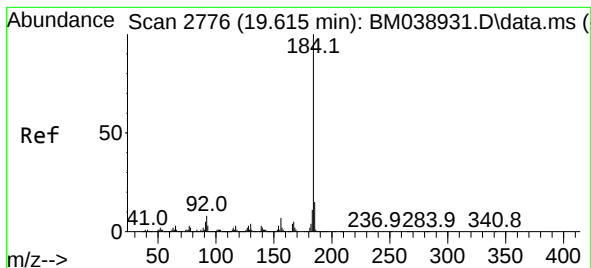
Tgt Ion:202 Resp: 316721
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.7
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3097
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion:240 Resp: 1005308
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 26.6 20.8 31.2





#77

Benzidine

Concen: 4.884 ng

RT: 19.580 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

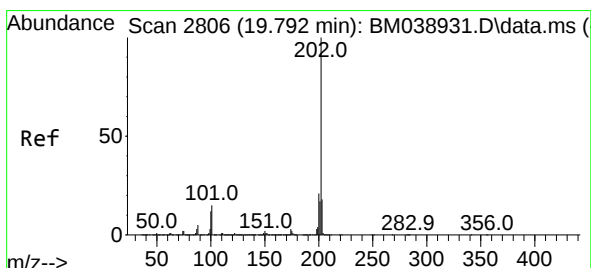
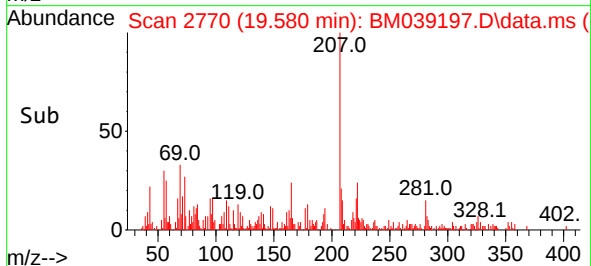
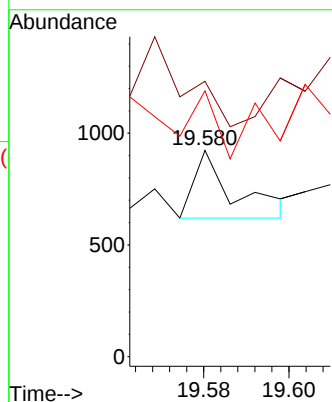
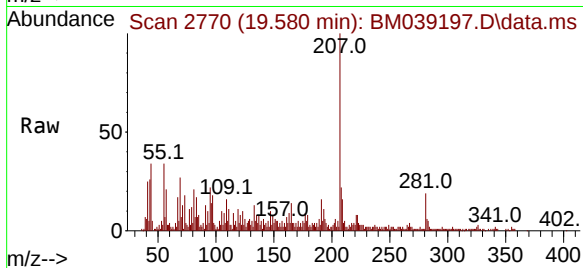
Tgt Ion:184 Resp: 200

Ion Ratio Lower Upper

184 100

185 133.5 12.2 18.4#

183 128.9 8.8 13.2#



#78

Pyrene

Concen: 3.895 ng

RT: 19.745 min Scan# 2798

Delta R.T. -0.006 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

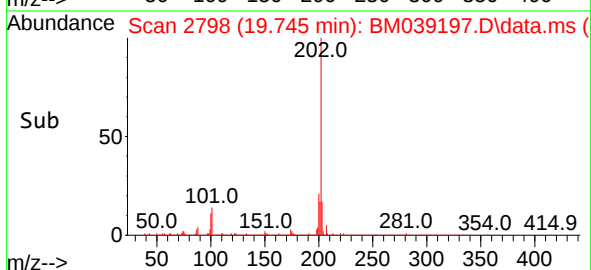
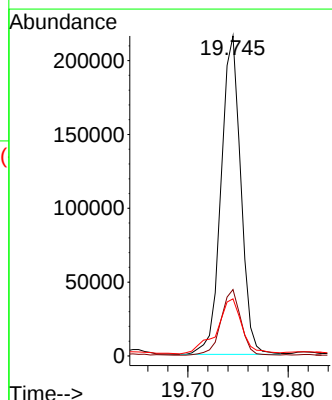
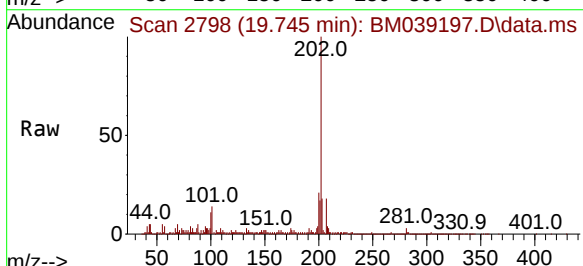
Tgt Ion:202 Resp: 294089

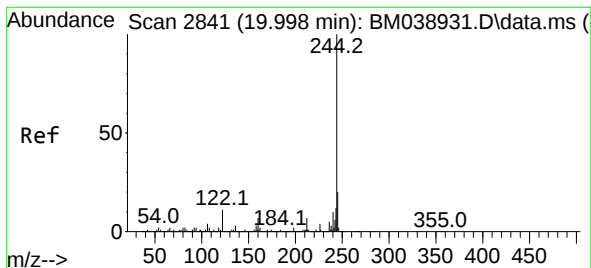
Ion Ratio Lower Upper

202 100

200 20.7 17.1 25.7

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 67.923 ng

RT: 19.945 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

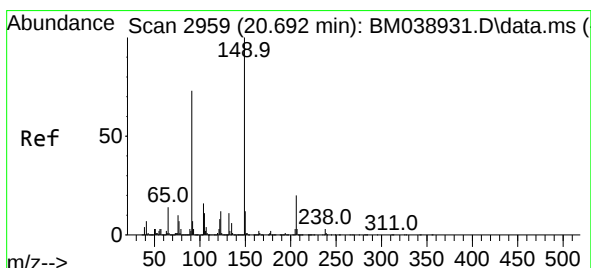
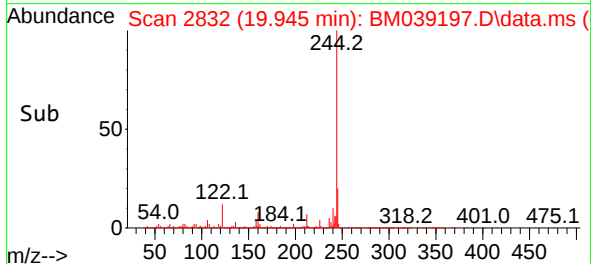
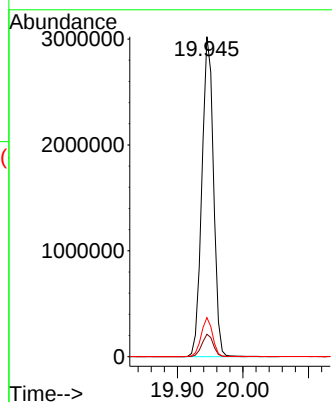
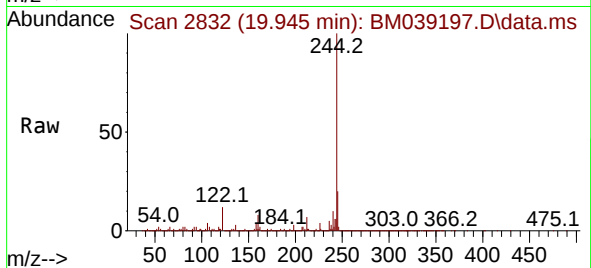
Tgt Ion:244 Resp: 3734764

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 12.2 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.616 ng

RT: 20.639 min Scan# 2950

Delta R.T. -0.005 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

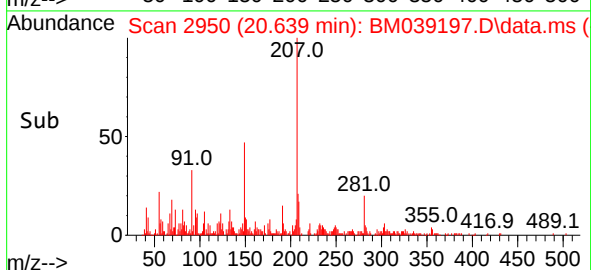
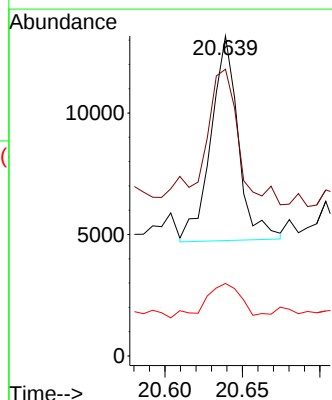
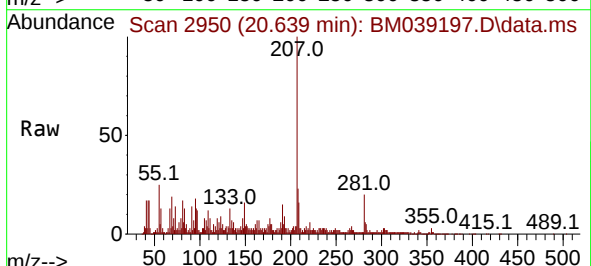
Tgt Ion:149 Resp: 10346

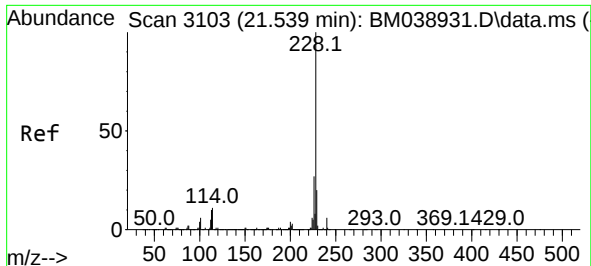
Ion Ratio Lower Upper

149 100

91 89.6 58.4 87.6#

206 22.7 16.1 24.1

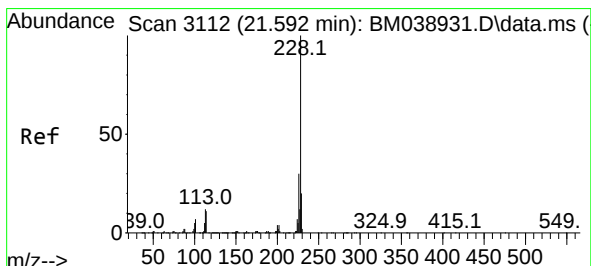
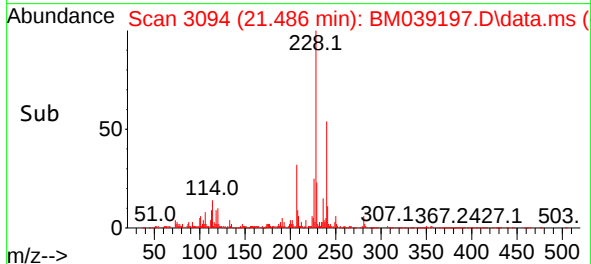
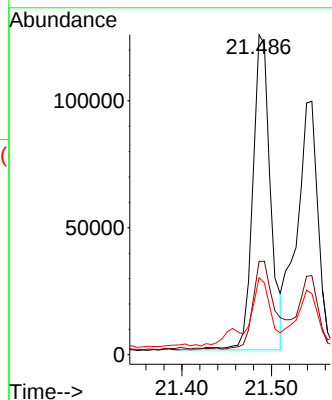
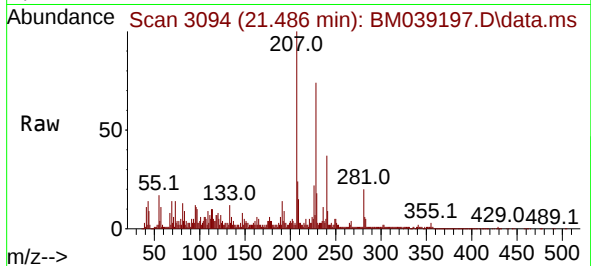




#81
Benzo(a)anthracene
Concen: 2.338 ng
RT: 21.486 min Scan# 3103
Delta R.T. -0.005 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

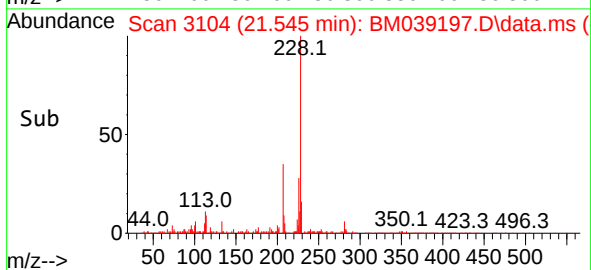
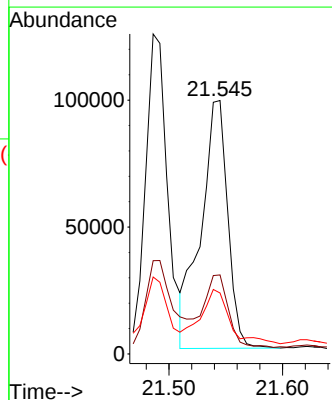
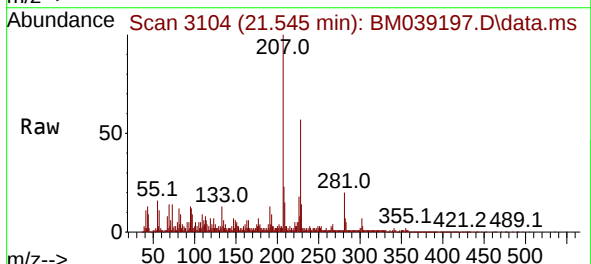
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

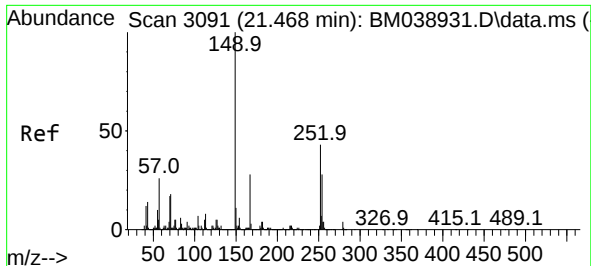
Tgt Ion:228 Resp: 169284
Ion Ratio Lower Upper
228 100
226 29.1 21.4 32.2
229 24.0 15.7 23.5#



#83
Chrysene
Concen: 2.290 ng
RT: 21.545 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion:228 Resp: 161273
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 24.0 16.0 24.0#

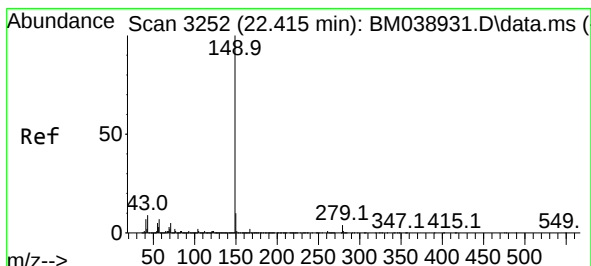
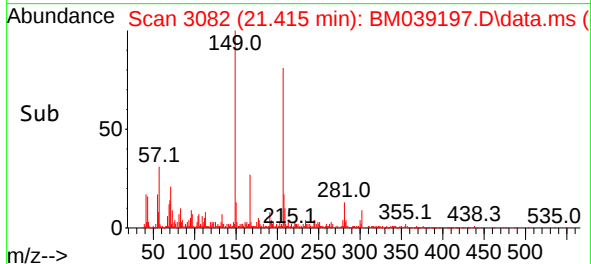
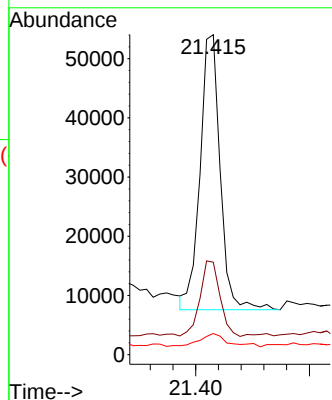
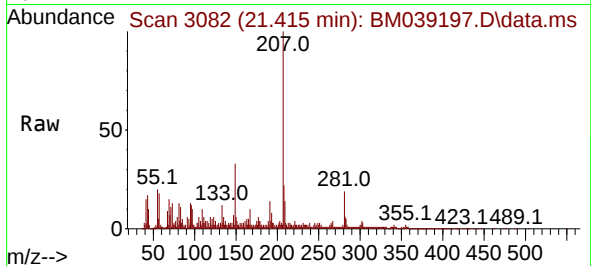




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.653 ng
RT: 21.415 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

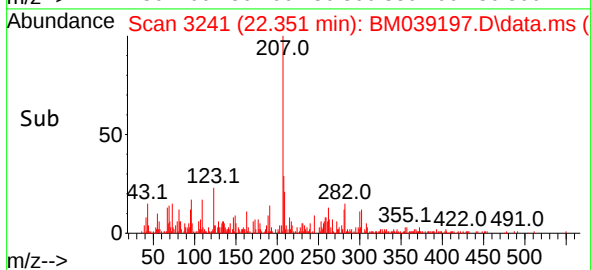
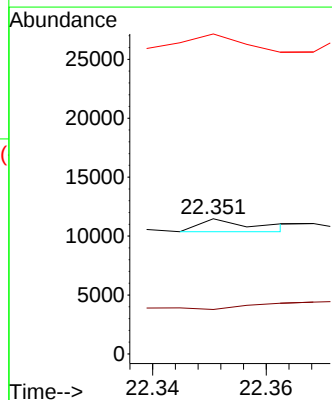
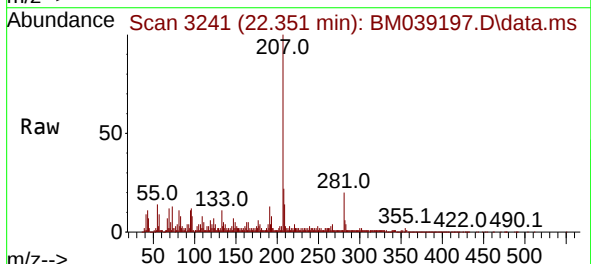
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

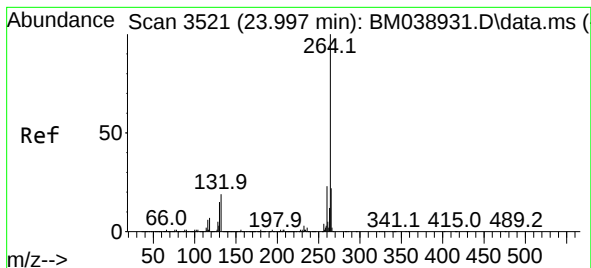
Tgt Ion:149 Resp: 57171
Ion Ratio Lower Upper
149 100
167 28.9 22.3 33.5
279 6.6 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.806 ng
RT: 22.351 min Scan# 3241
Delta R.T. 0.006 min
Lab File: BM039197.D
Acq: 29 Mar 2023 01:52

Tgt Ion:149 Resp: 756
Ion Ratio Lower Upper
149 100
167 66.0 1.2 1.8#
43 277.0 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

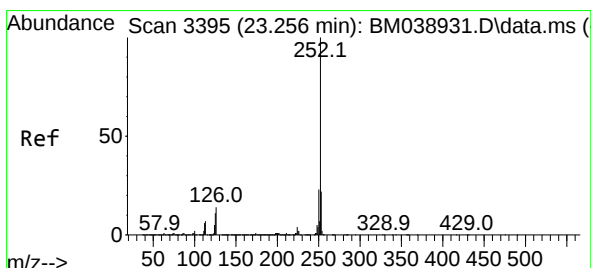
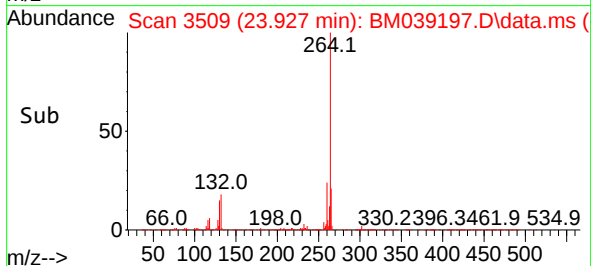
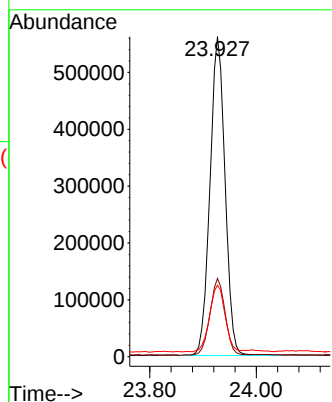
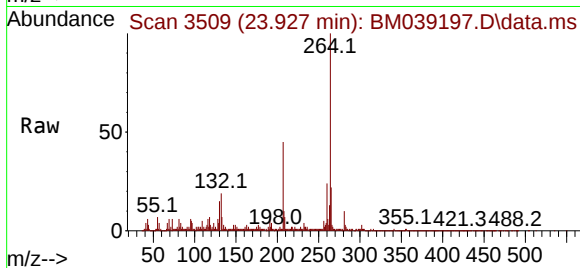
Tgt Ion:264 Resp: 1101365

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.4 17.9 26.9



#88

Benzo(b)fluoranthene

Concen: 3.078 ng

RT: 23.192 min Scan# 3384

Delta R.T. 0.000 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

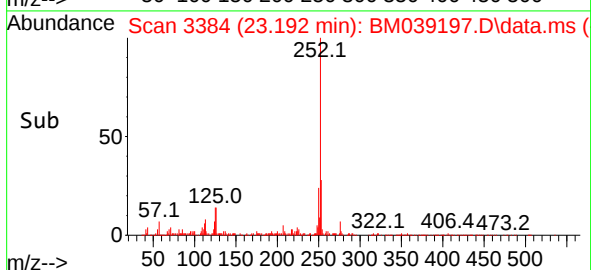
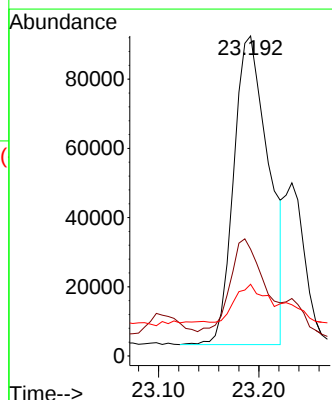
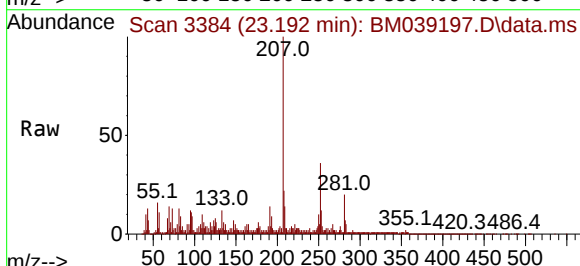
Tgt Ion:252 Resp: 216578

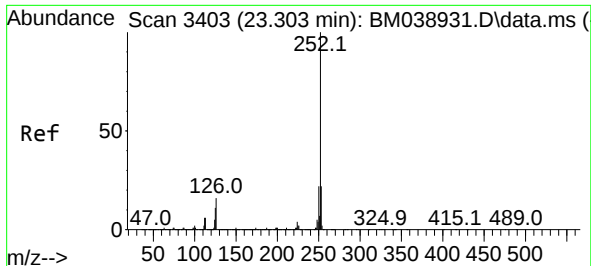
Ion Ratio Lower Upper

252 100

253 33.4 17.6 26.4#

125 22.4 8.8 13.2#





#89

Benzo(k)fluoranthene

Concen: 2.958 ng

RT: 23.192 min Scan# 31

Delta R.T. -0.047 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

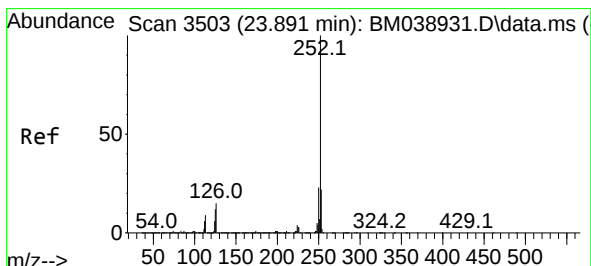
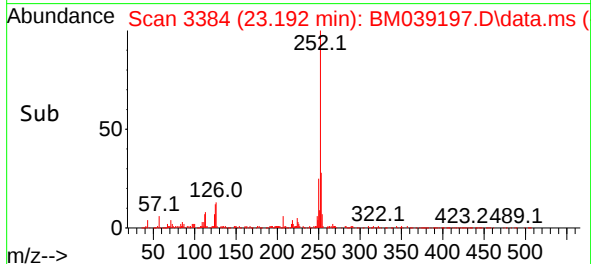
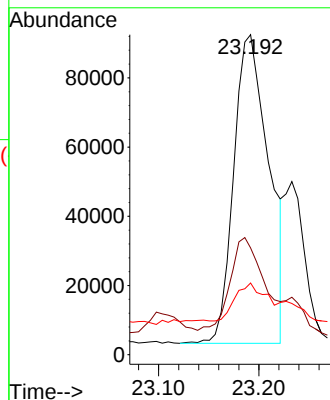
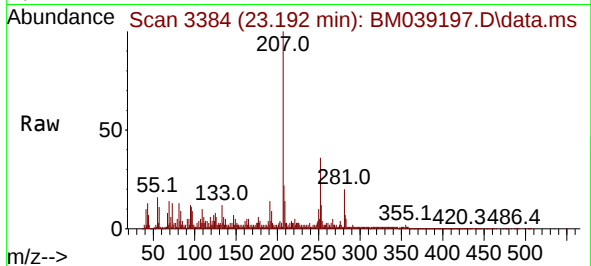
Tgt Ion:252 Resp: 216578

Ion Ratio Lower Upper

252 100

253 33.4 17.5 26.3#

125 22.4 8.9 13.3#



#90

Benzo(a)pyrene

Concen: 2.226 ng

RT: 23.815 min Scan# 3490

Delta R.T. -0.005 min

Lab File: BM039197.D

Acq: 29 Mar 2023 01:52

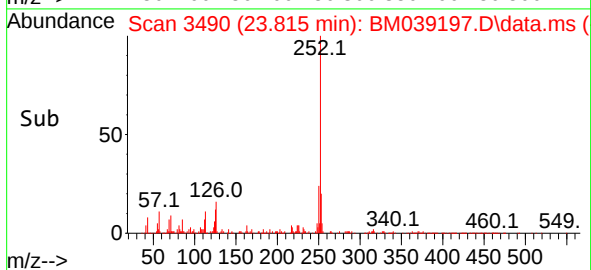
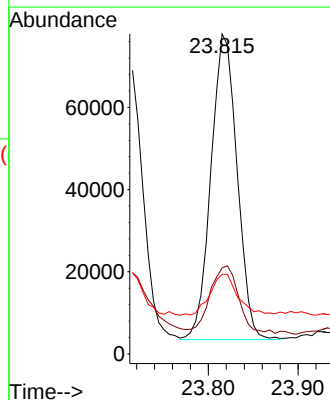
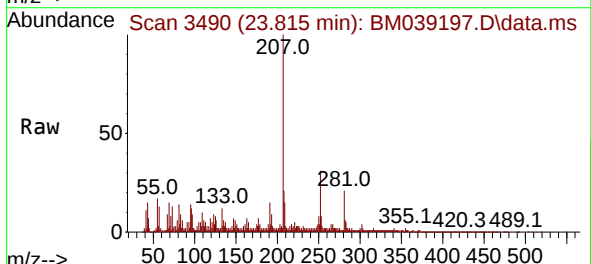
Tgt Ion:252 Resp: 150754

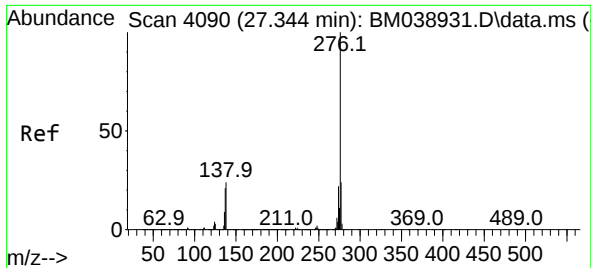
Ion Ratio Lower Upper

252 100

253 26.9 17.6 26.4#

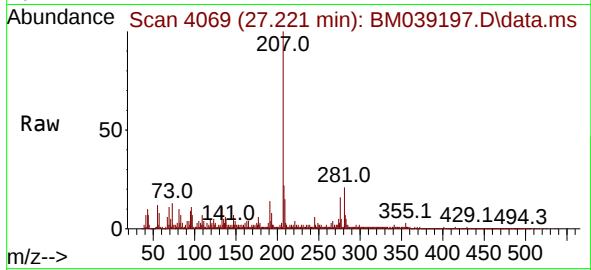
125 24.9 9.8 14.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.004 ng
 RT: 27.221 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: BM039197.D
 Acq: 29 Mar 2023 01:52

Instrument :
 BNA_M
 ClientSampleId :
 JPP-6E-032023



Tgt Ion:	276	Resp:	139119
Ion	Ratio	Lower	Upper
276	100		
277	31.2	19.3	28.9#
138	28.9	19.0	28.6#

