

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039120.D
 Acq On : 23 Mar 2023 17:30
 Operator : CG/JU
 Sample : PB151560TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151560TB

Quant Time: Mar 24 04:31:06 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)

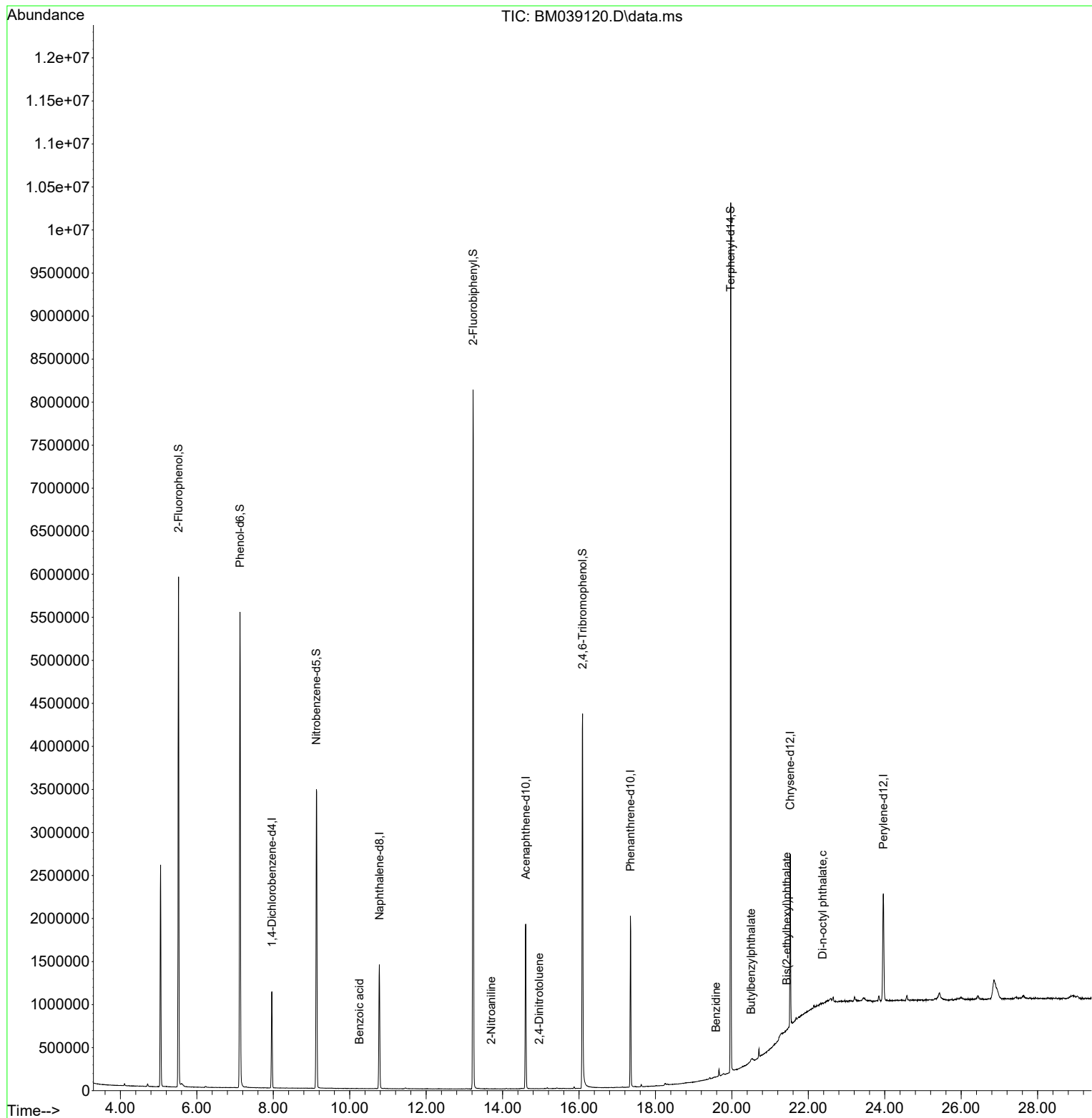
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	307621	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1195152	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	647122	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1169868	20.000	ng	0.00
76) Chrysene-d12	21.527	240	914566	20.000	ng	0.00
86) Perylene-d12	23.962	264	979800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2683685	132.543	ng	0.00
7) Phenol-d6	7.128	99	3358892	127.716	ng	0.00
23) Nitrobenzene-d5	9.128	82	2074260	85.253	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	848850	113.389	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	4203878	84.568	ng	0.00
79) Terphenyl-d14	19.968	244	4613788	92.235	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.251	122	55	5.736	ng	# 1
48) 2-Nitroaniline	13.704	65	117	2.224	ng	# 28
57) 2,4-Dinitrotoluene	14.957	165	59	2.075	ng	# 1
77) Benzidine	19.586	184	67	4.879	ng	# 67
80) Butylbenzylphthalate	20.504	149	343	3.327	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.439	149	2852	2.549	ng	# 94
85) Di-n-octyl phthalate	22.374	149	2628	3.831	ng	# 81

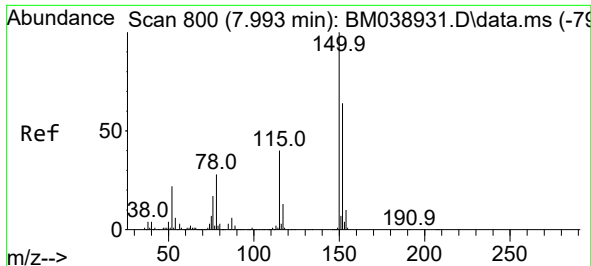
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
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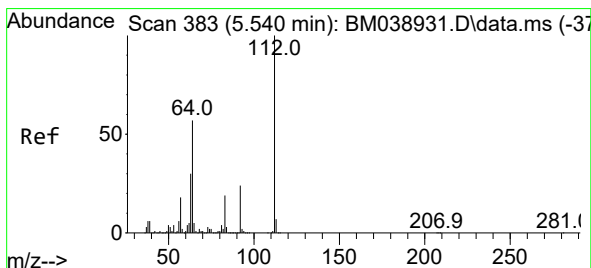
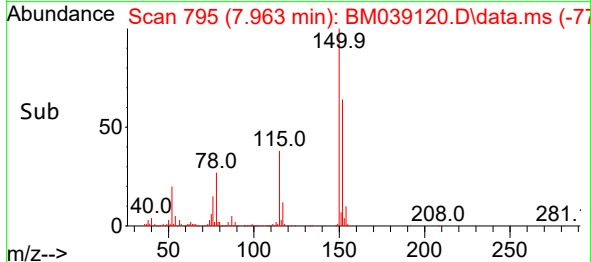
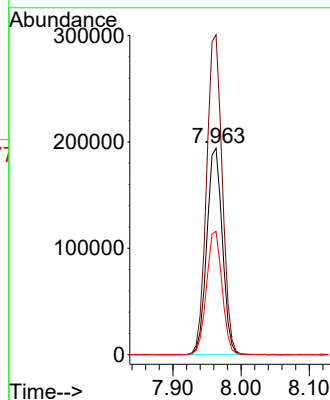
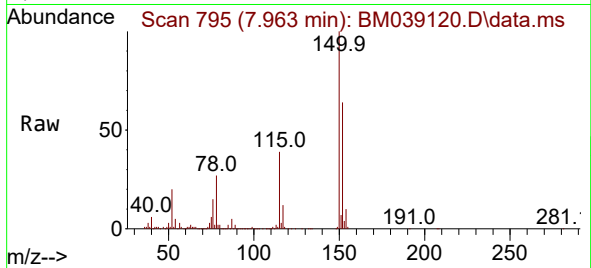




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

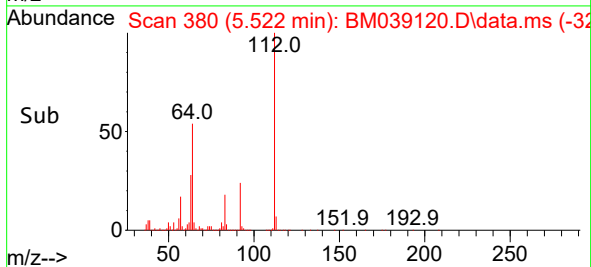
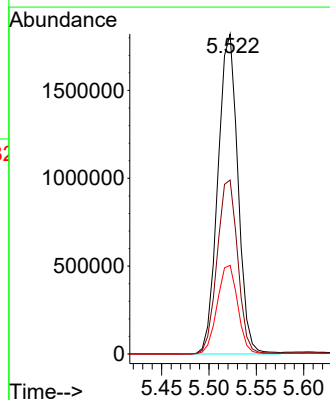
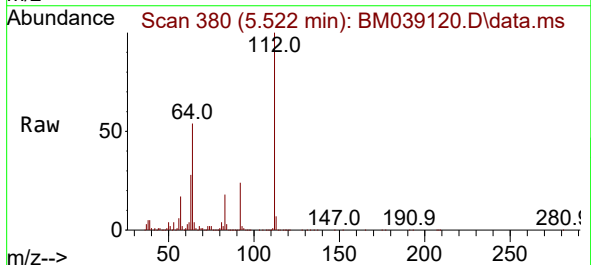
Instrument :
BNA_M
ClientSampleId :
PB151560TB

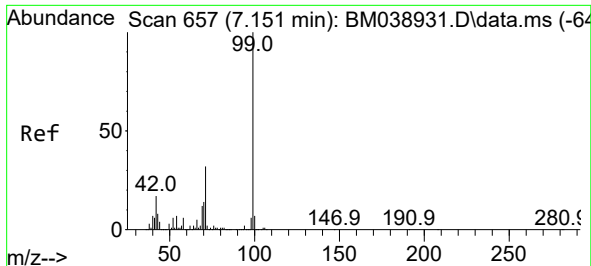
Tgt Ion:152 Resp: 307621
Ion Ratio Lower Upper
152 100
150 155.0 125.1 187.7
115 59.8 49.6 74.4



#5
2-Fluorophenol
Concen: 132.543 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

Tgt Ion:112 Resp: 2683685
Ion Ratio Lower Upper
112 100
64 54.4 45.9 68.9
63 27.7 23.8 35.8



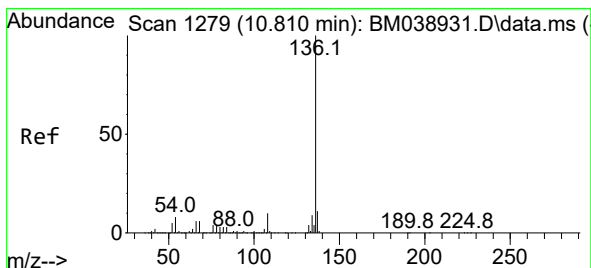
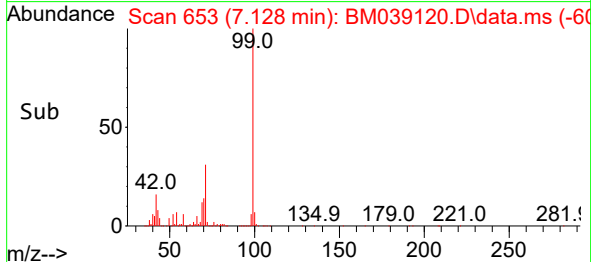
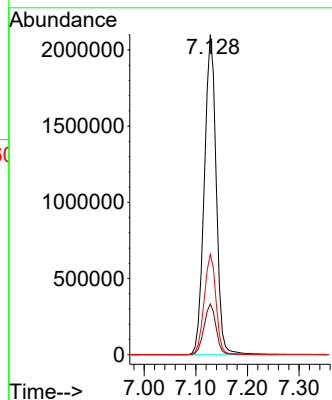
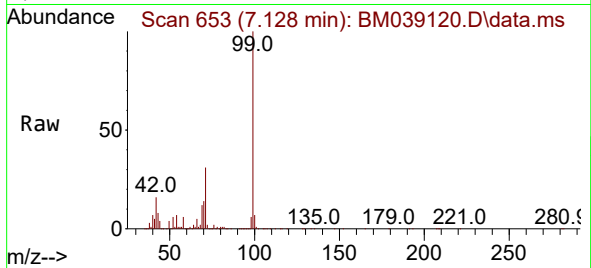


#7
Phenol-d6
Concen: 127.716 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

Instrument :
BNA_M
ClientSampleId :
PB151560TB

Tgt Ion: 99 Resp: 3358892

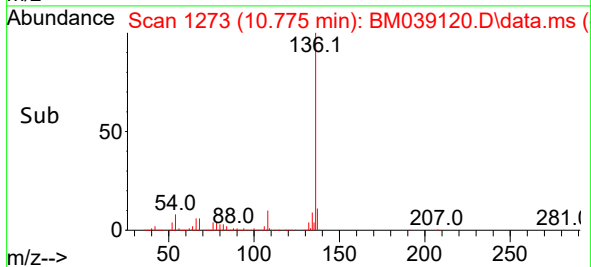
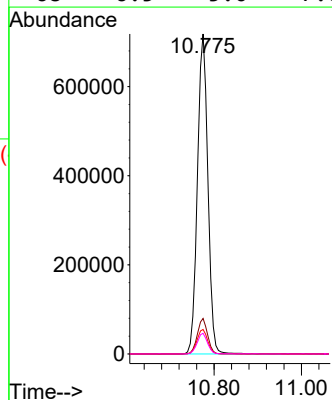
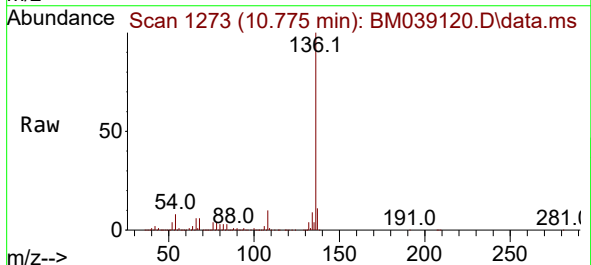
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.4	25.6	38.4

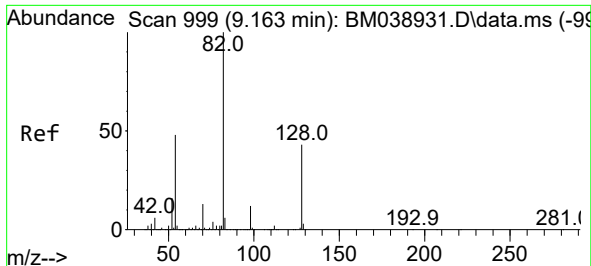


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

Tgt Ion: 136 Resp: 1195152

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

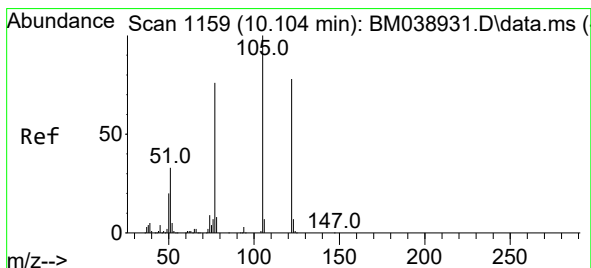
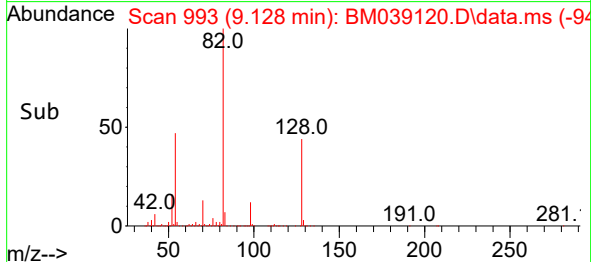
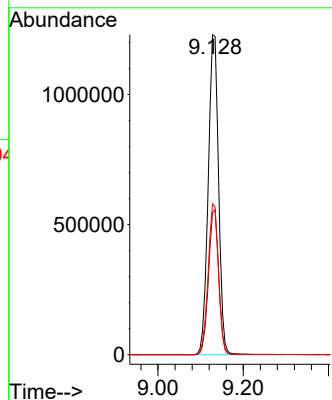
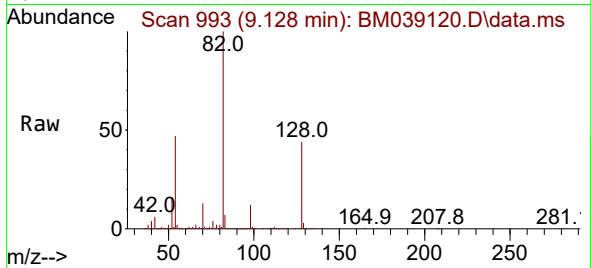




#23
Nitrobenzene-d5
Concen: 85.253 ng
RT: 9.128 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

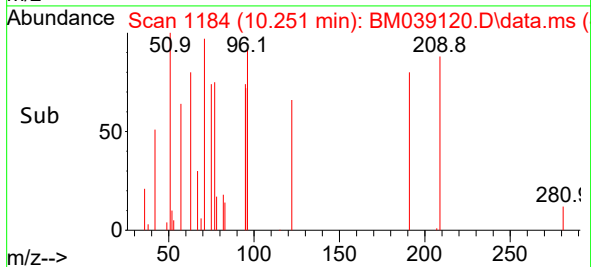
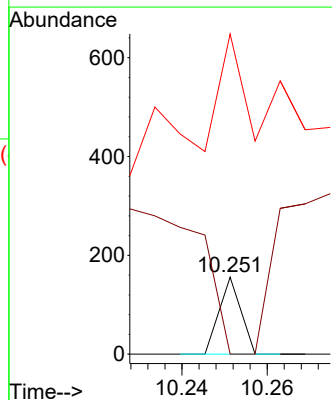
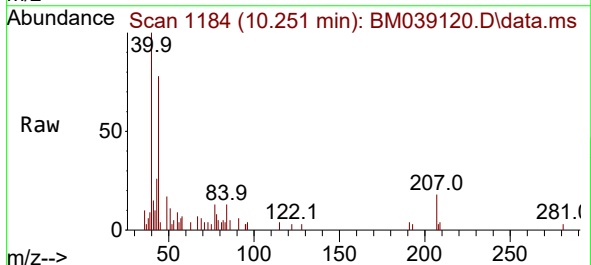
Instrument :
BNA_M
ClientSampleId :
PB151560TB

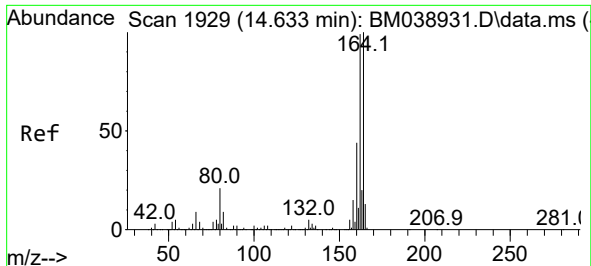
Tgt Ion: 82 Resp: 2074260
Ion Ratio Lower Upper
82 100
128 44.4 34.4 51.6
54 47.1 38.8 58.2



#32
Benzoic acid
Concen: 5.736 ng
RT: 10.251 min Scan# 1184
Delta R.T. 0.165 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 104.2 144.2#
77 415.4 75.1 115.1#

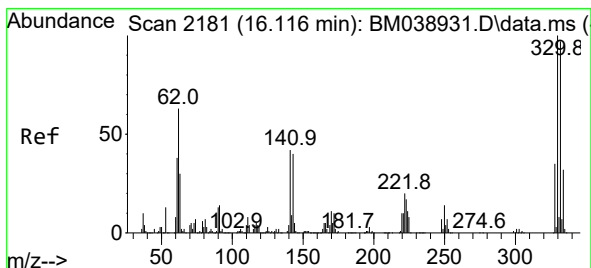
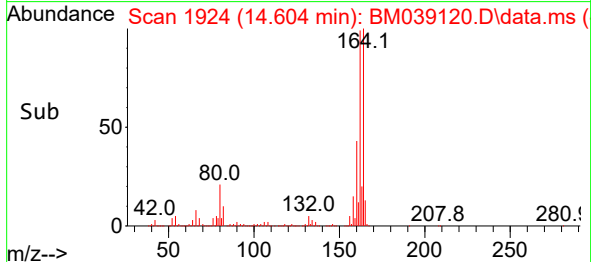
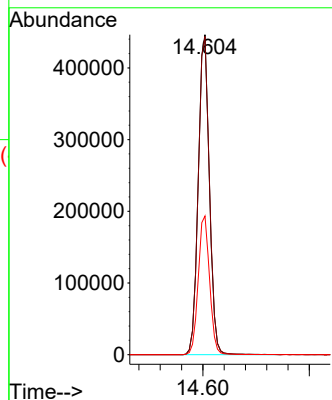
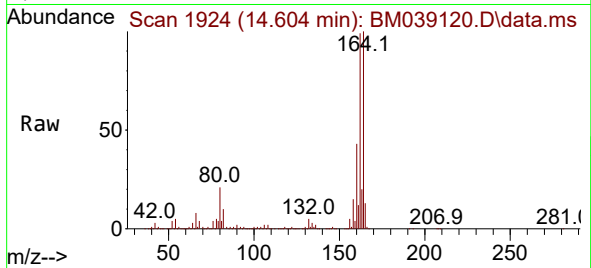




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

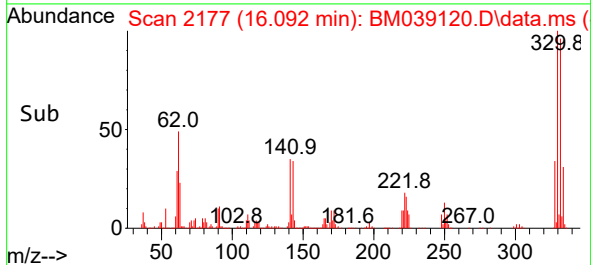
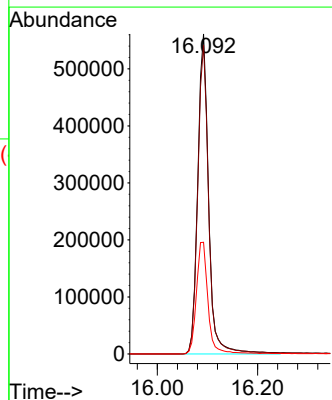
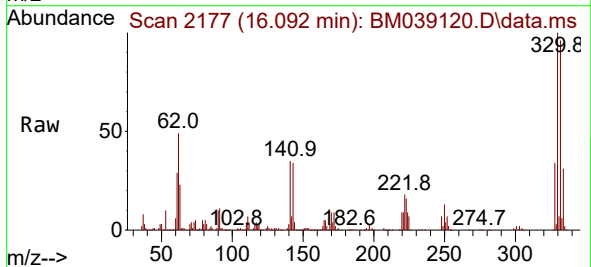
Instrument :
BNA_M
ClientSampleId :
PB151560TB

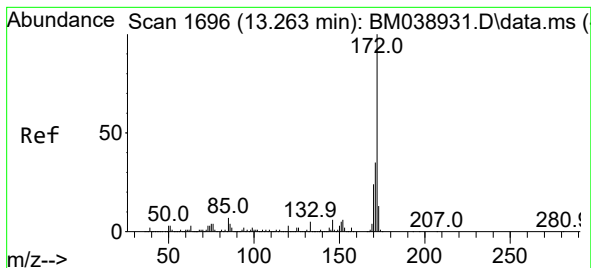
Tgt Ion:164 Resp: 647122
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 43.3 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 113.389 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

Tgt Ion:330 Resp: 848850
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 37.0 32.2 48.4

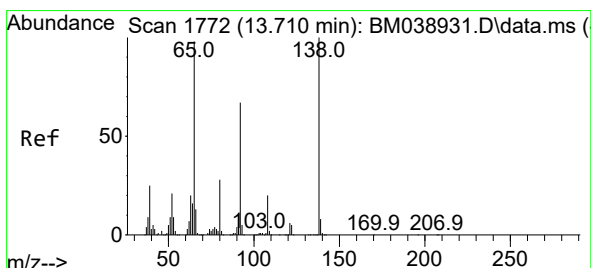
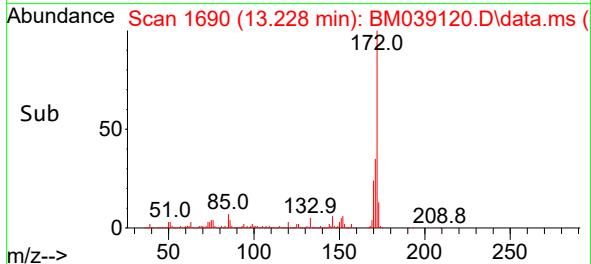
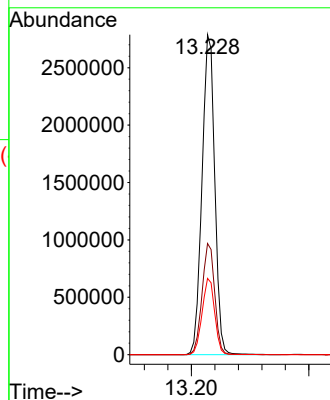
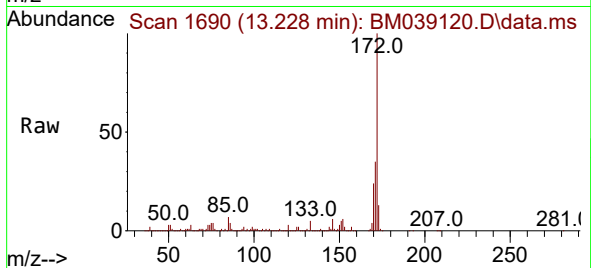




#45
2-Fluorobiphenyl
Concen: 84.568 ng
RT: 13.228 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

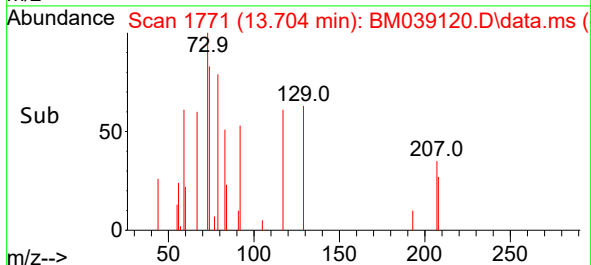
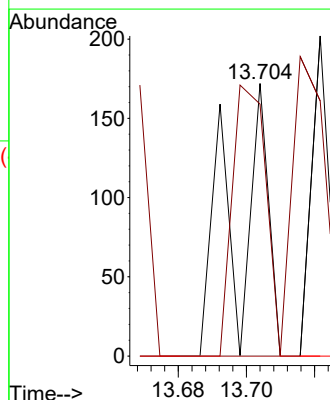
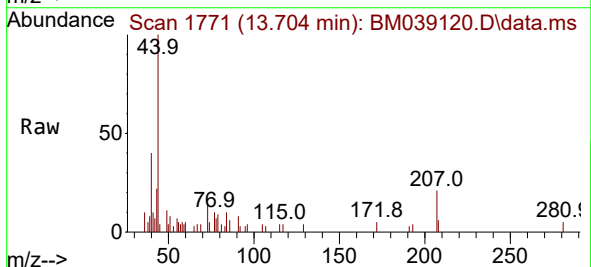
Instrument :
BNA_M
ClientSampleId :
PB151560TB

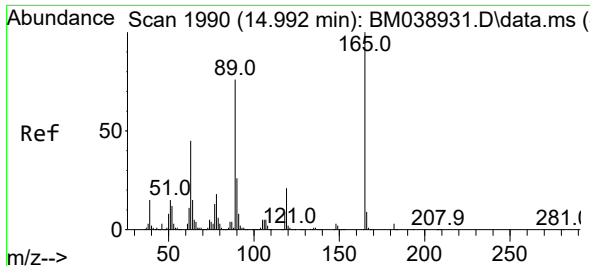
Tgt Ion:172 Resp: 4203878
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.8 19.1 28.7



#48
2-Nitroaniline
Concen: 2.224 ng
RT: 13.704 min Scan# 1771
Delta R.T. 0.012 min
Lab File: BM039120.D
Acq: 23 Mar 2023 17:30

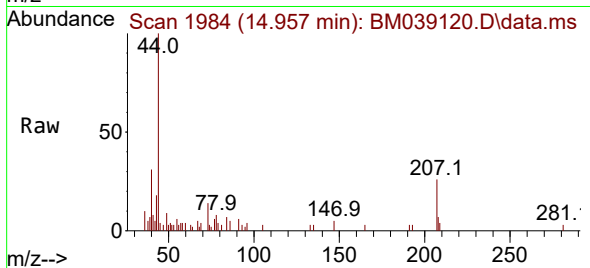
Tgt Ion: 65 Resp: 117
Ion Ratio Lower Upper
65 100
92 92.4 54.9 82.3#
138 0.0 81.6 122.4#



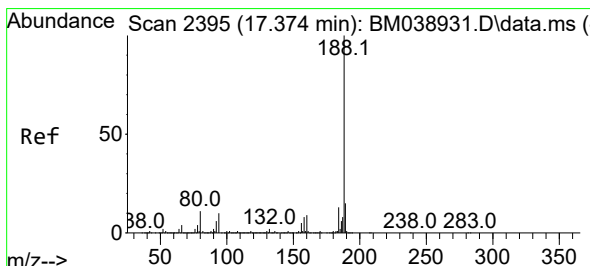
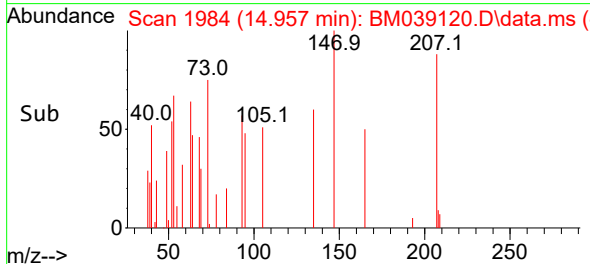
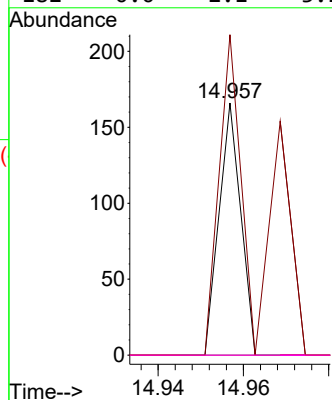


#57
 2,4-Dinitrotoluene
 Concen: 2.075 ng
 RT: 14.957 min Scan# 1984
 Delta R.T. -0.012 min
 Lab File: BM039120.D
 Acq: 23 Mar 2023 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB151560TB

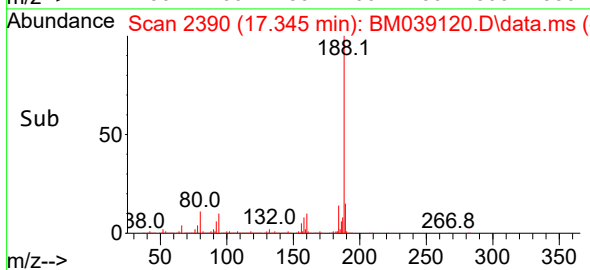
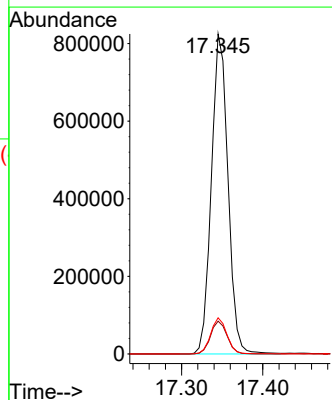
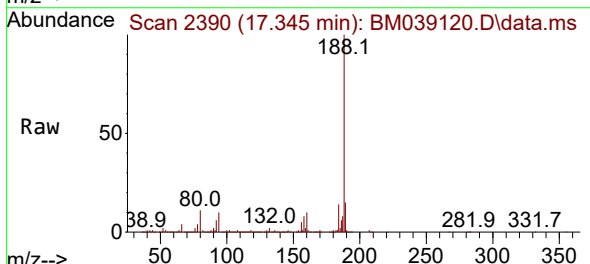


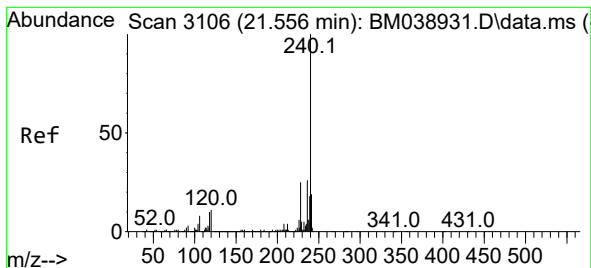
Tgt Ion:	165	Resp:	59
Ion	Ratio	Lower	Upper
165	100		
63	127.1	35.9	53.9#
89	0.0	61.0	91.6#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.345 min Scan# 2390
 Delta R.T. -0.006 min
 Lab File: BM039120.D
 Acq: 23 Mar 2023 17:30

Tgt Ion:	188	Resp:	1169868
Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.3	8.5	12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039120.D

Acq: 23 Mar 2023 17:30

Instrument :

BNA_M

ClientSampleId :

PB151560TB

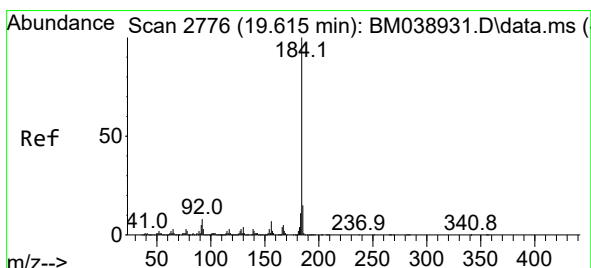
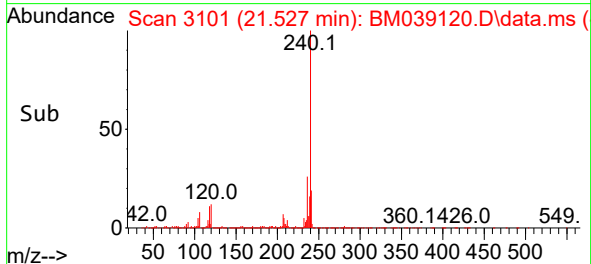
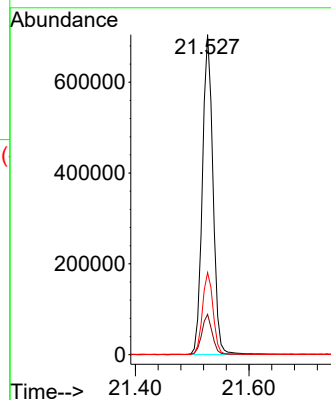
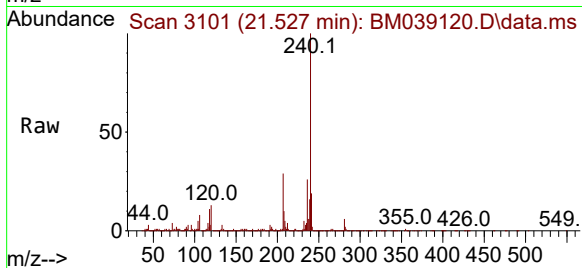
Tgt Ion:240 Resp: 914566

Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 25.7 20.8 31.2



#77

Benzidine

Concen: 4.879 ng

RT: 19.586 min Scan# 2771

Delta R.T. -0.006 min

Lab File: BM039120.D

Acq: 23 Mar 2023 17:30

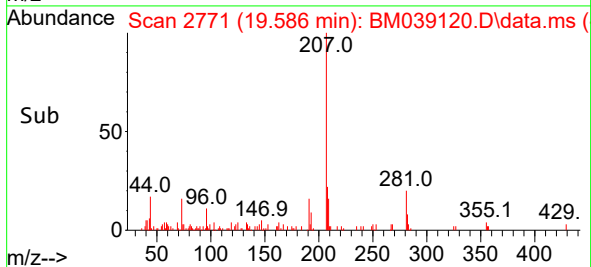
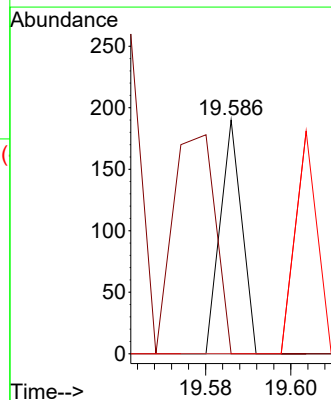
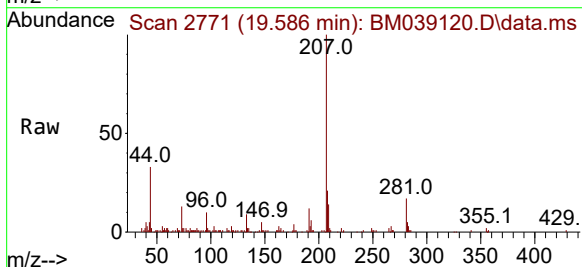
Tgt Ion:184 Resp: 67

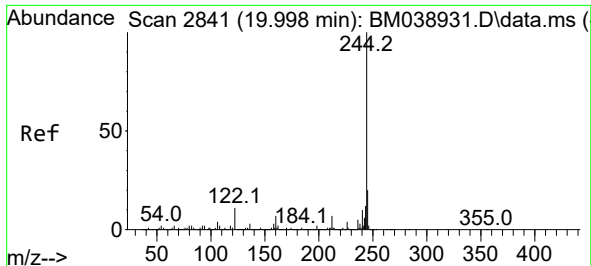
Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.4#

183 0.0 8.8 13.2#

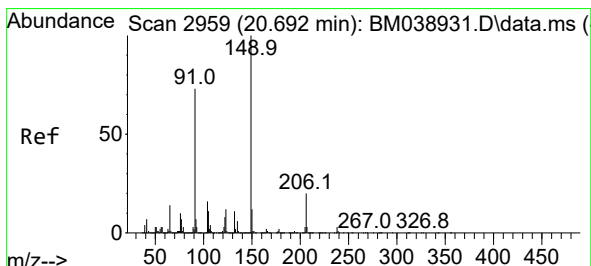
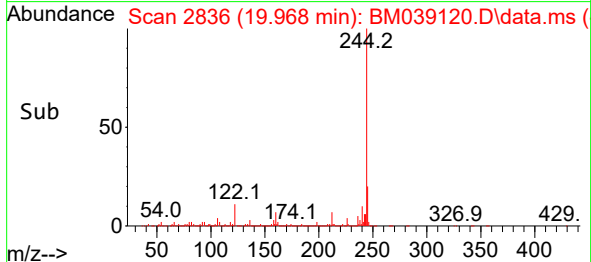
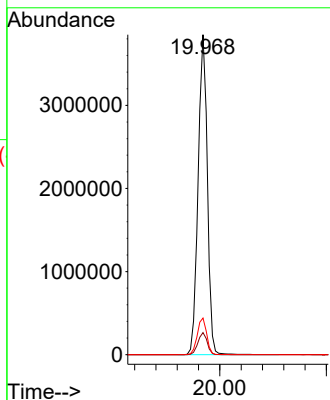
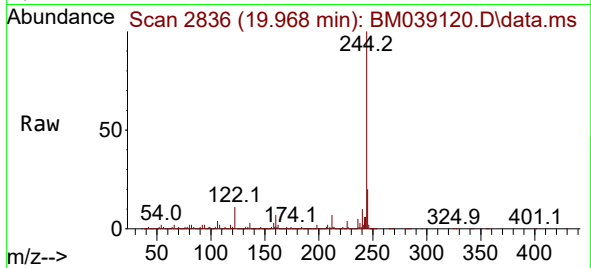




#79
 Terphenyl-d14
 Concen: 92.235 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039120.D
 Acq: 23 Mar 2023 17:30

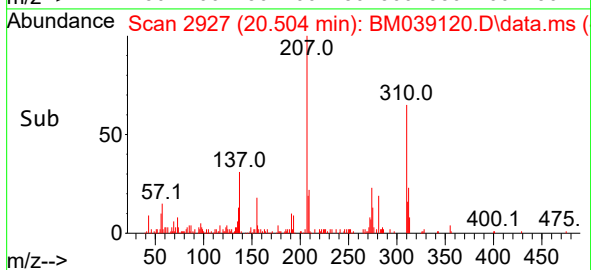
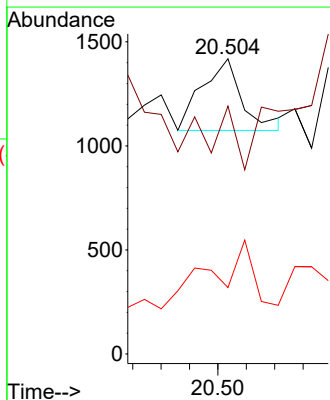
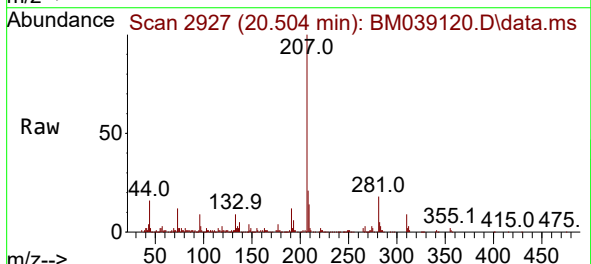
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 ClientSampleId :
 PB151560TB

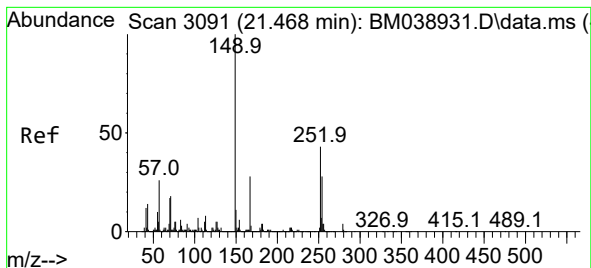
Tgt Ion:244 Resp: 4613788
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.327 ng
 RT: 20.504 min Scan# 2927
 Delta R.T. -0.159 min
 Lab File: BM039120.D
 Acq: 23 Mar 2023 17:30

Tgt Ion:149 Resp: 343
 Ion Ratio Lower Upper
 149 100
 91 83.9 58.4 87.6
 206 22.5 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.549 ng

RT: 21.439 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM039120.D

Acq: 23 Mar 2023 17:30

Instrument :

BNA_M

ClientSampleId :

PB151560TB

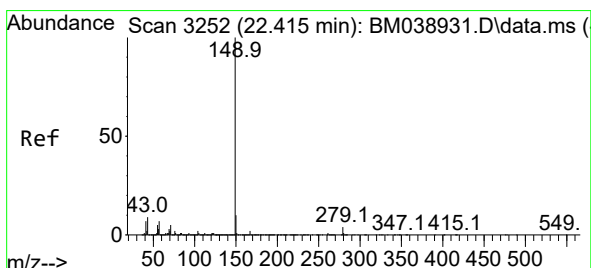
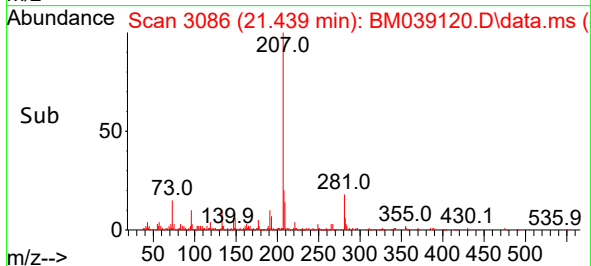
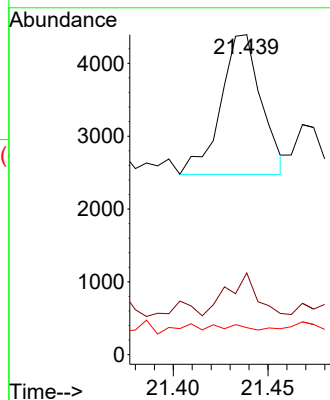
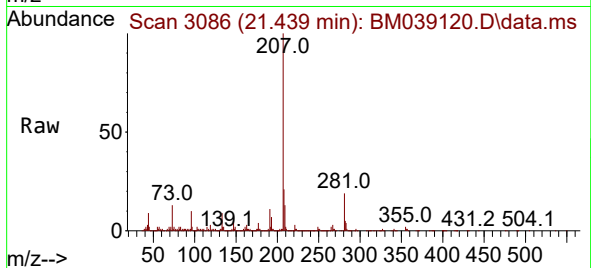
Tgt Ion:149 Resp: 2852

Ion Ratio Lower Upper

149 100

167 25.6 22.3 33.5

279 8.5 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 3.831 ng

RT: 22.374 min Scan# 3245

Delta R.T. 0.000 min

Lab File: BM039120.D

Acq: 23 Mar 2023 17:30

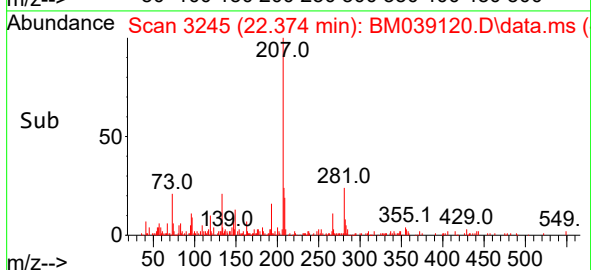
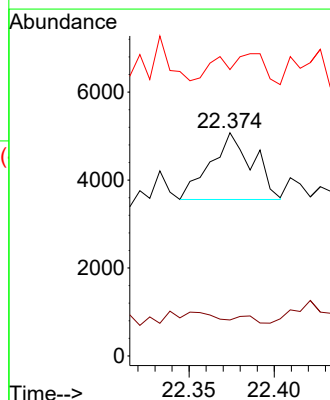
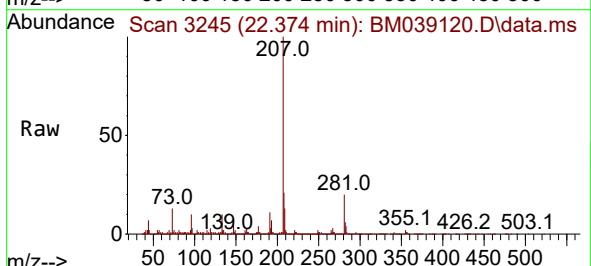
Tgt Ion:149 Resp: 2628

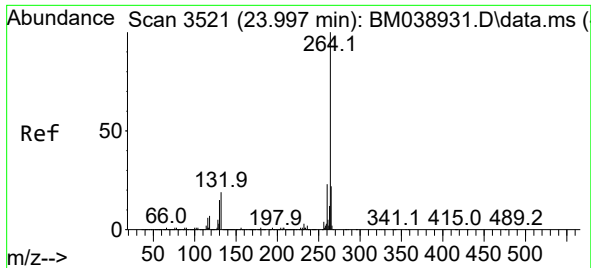
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 17.0 7.4 11.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.962 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM039120.D
 Acq: 23 Mar 2023 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB151560TB

Tgt Ion:264 Resp: 979800
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 22.7 17.9 26.9

