

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039140.D
 Acq On : 24 Mar 2023 14:00
 Operator : CG/JU
 Sample : PB151460BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151460BL

Quant Time: Mar 24 15:07:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

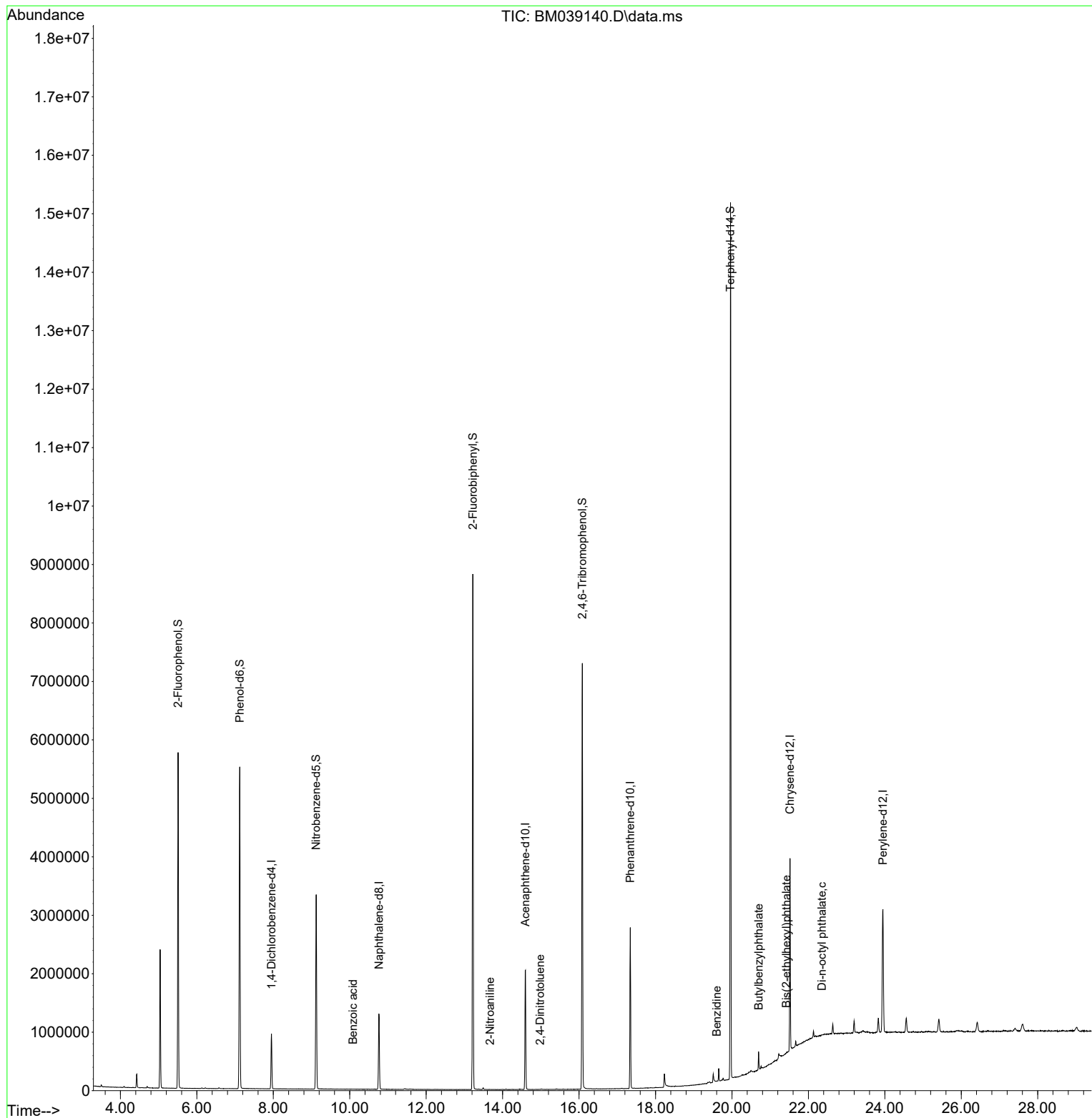
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	250992	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1067462	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	699861	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1566515	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1476801	20.000	ng	0.00
86) Perylene-d12	23.950	264	1586322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	2470855	149.564	ng	0.00
7) Phenol-d6	7.122	99	3228831	150.470	ng	0.00
23) Nitrobenzene-d5	9.122	82	1903074	87.573	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	1305623	161.262	ng	0.00
45) 2-Fluorobiphenyl	13.221	172	4429003	82.383	ng	0.00
79) Terphenyl-d14	19.962	244	7225243	89.451	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.086	122	66	5.737	ng	# 7
48) 2-Nitroaniline	13.674	65	208	2.229	ng	# 19
57) 2,4-Dinitrotoluene	14.980	165	407	2.096	ng	# 71
77) Benzidine	19.603	184	3569	4.972	ng	# 77
80) Butylbenzylphthalate	20.703	149	947	3.335	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.427	149	5917	2.567	ng	# 94
85) Di-n-octyl phthalate	22.356	149	3303	3.823	ng	# 73

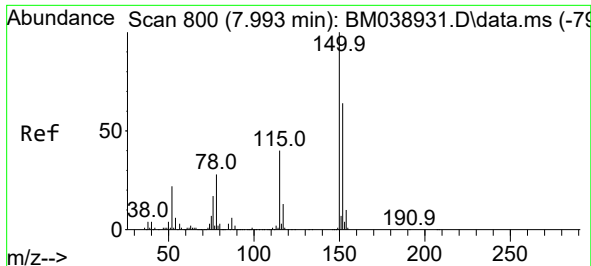
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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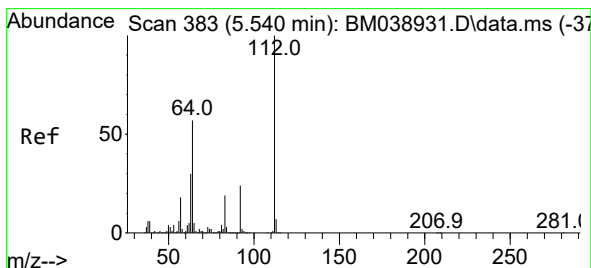
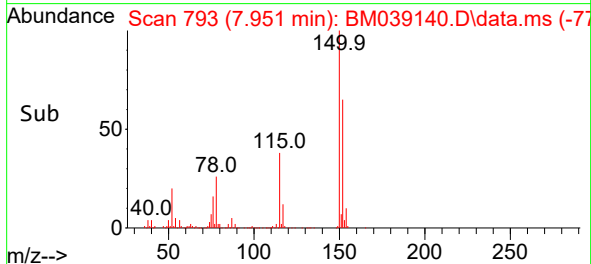
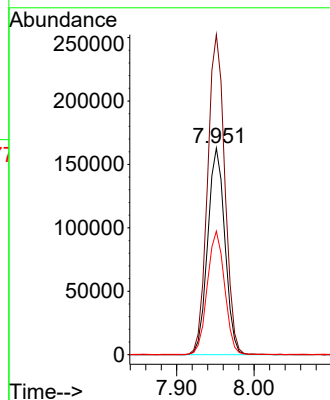
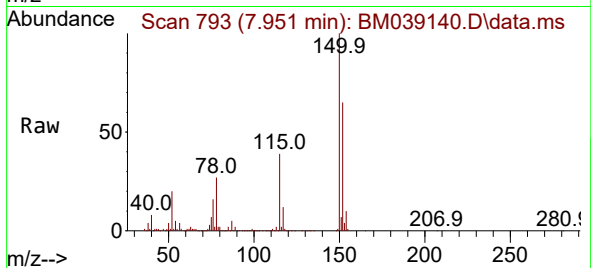




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

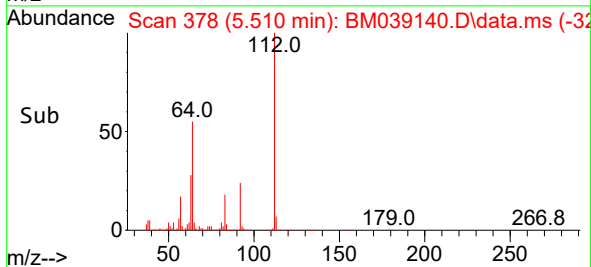
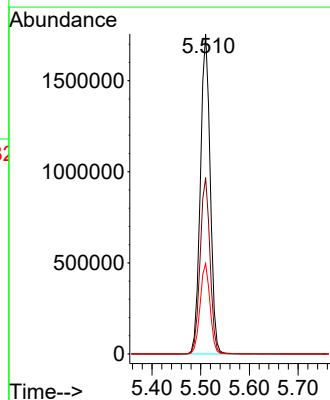
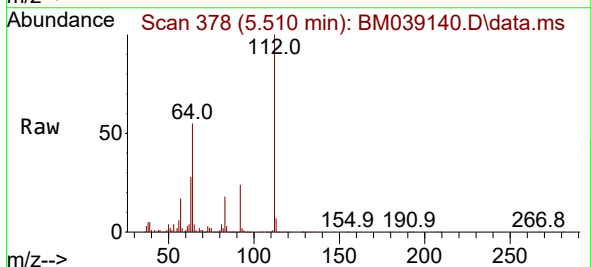
Instrument :
BNA_M
ClientSampleId :
PB151460BL

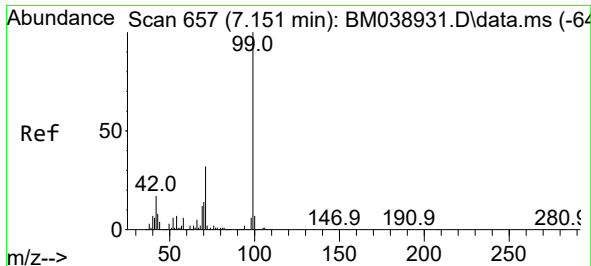
Tgt Ion:152 Resp: 250992
Ion Ratio Lower Upper
152 100
150 155.0 125.1 187.7
115 59.8 49.6 74.4



#5
2-Fluorophenol
Concen: 149.564 ng
RT: 5.510 min Scan# 378
Delta R.T. 0.006 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

Tgt Ion:112 Resp: 2470855
Ion Ratio Lower Upper
112 100
64 55.1 45.9 68.9
63 28.3 23.8 35.8

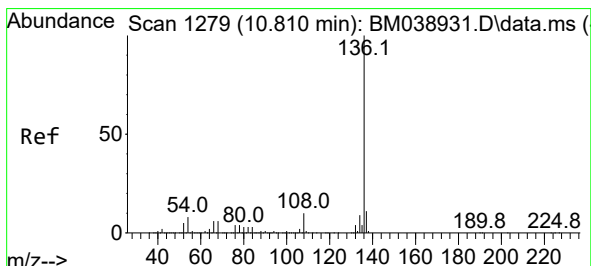
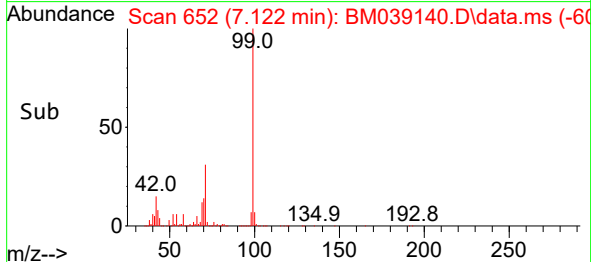
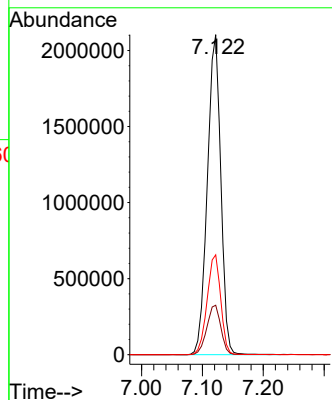
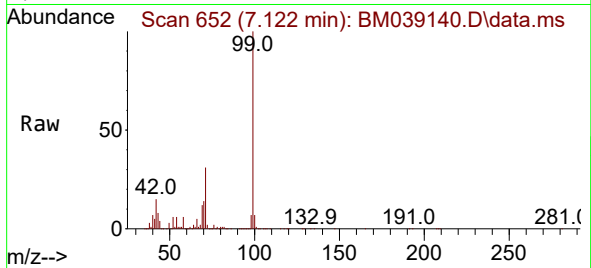




#7
Phenol-d6
Concen: 150.470 ng
RT: 7.122 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

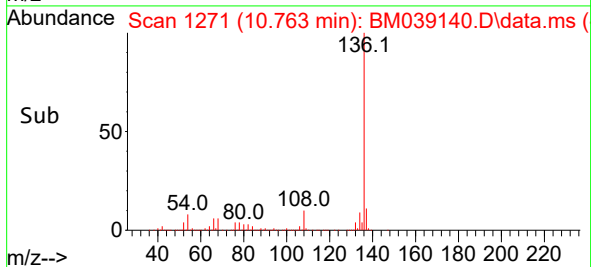
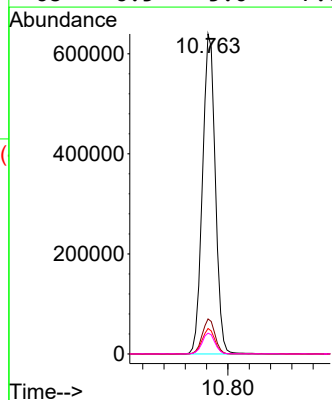
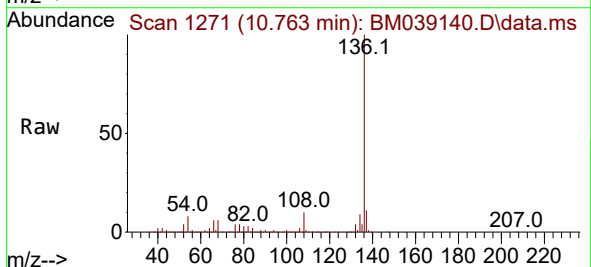
Instrument :
BNA_M
ClientSampleId :
PB151460BL

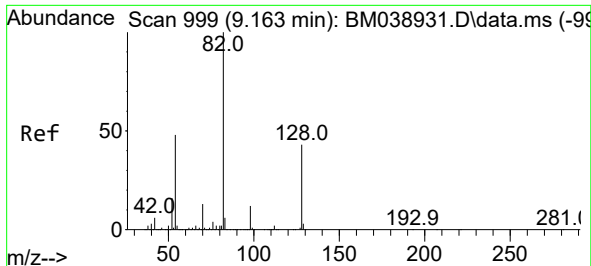
Tgt Ion: 99 Resp: 3228831
Ion Ratio Lower Upper
99 100
42 15.5 13.5 20.3
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

Tgt Ion: 136 Resp: 1067462
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 6.3 9.5
68 6.5 5.0 7.6

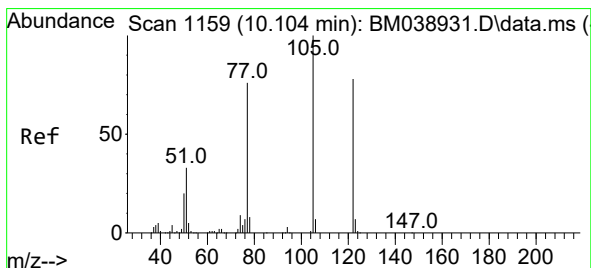
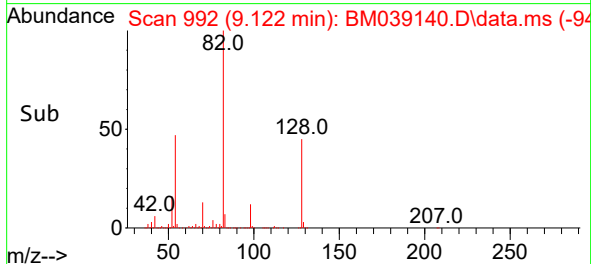
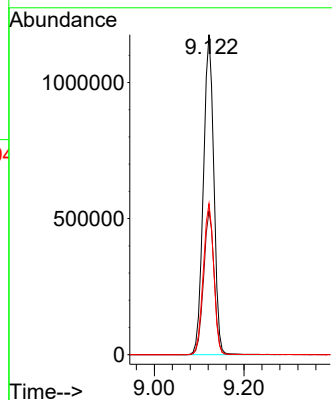
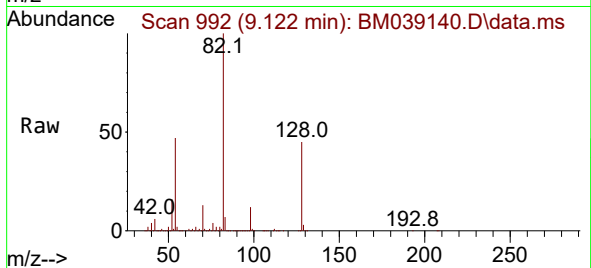




#23
Nitrobenzene-d5
Concen: 87.573 ng
RT: 9.122 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

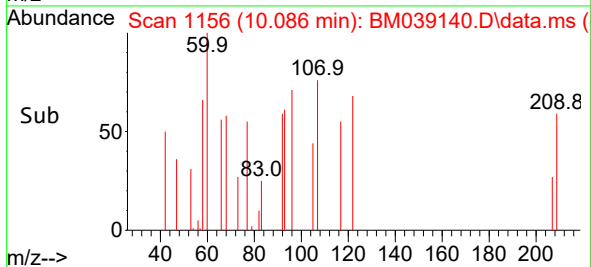
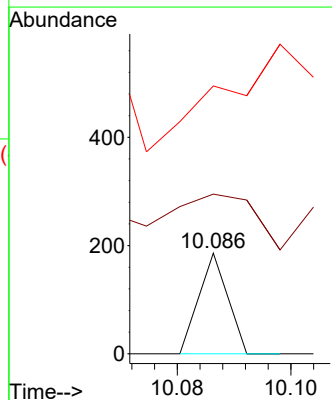
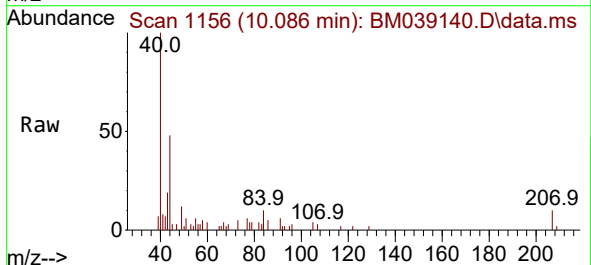
Instrument :
BNA_M
ClientSampleId :
PB151460BL

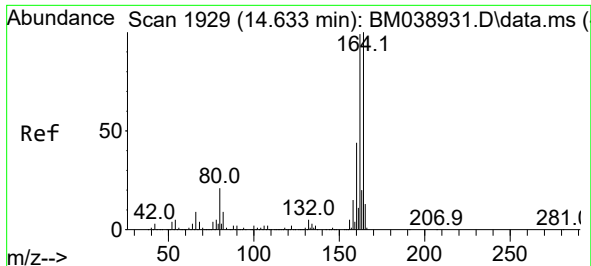
Tgt Ion: 82 Resp: 1903074
Ion Ratio Lower Upper
82 100
128 44.9 34.4 51.6
54 47.2 38.8 58.2



#32
Benzoic acid
Concen: 5.737 ng
RT: 10.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 158.6 104.2 144.2#
77 266.1 75.1 115.1#

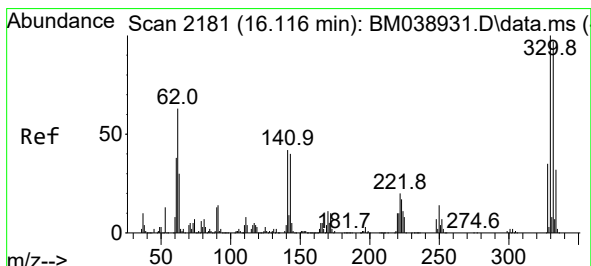
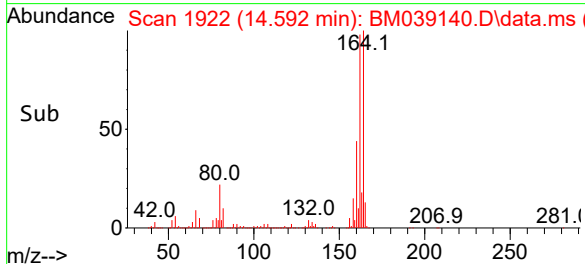
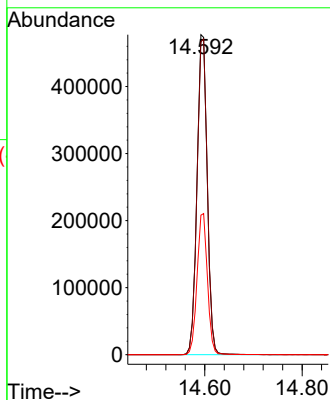
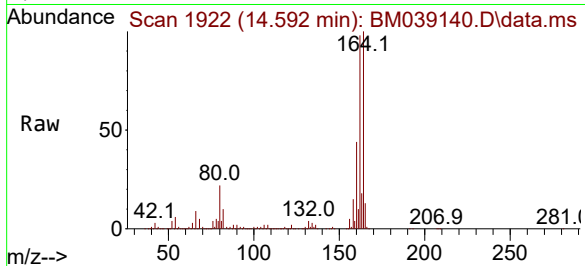




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

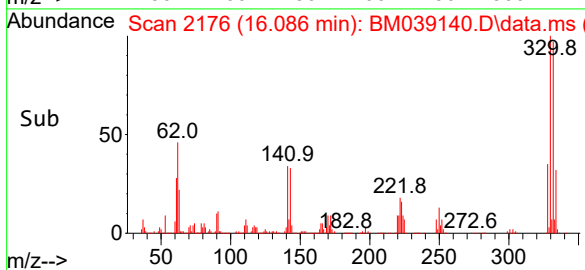
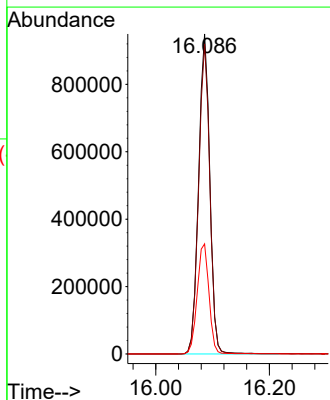
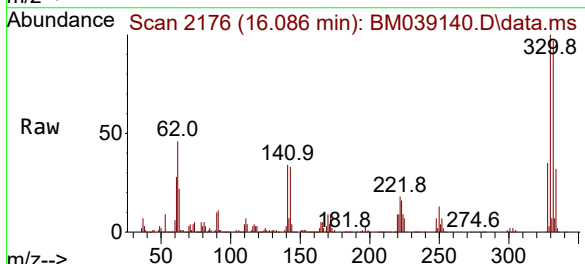
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ClientSampleId :
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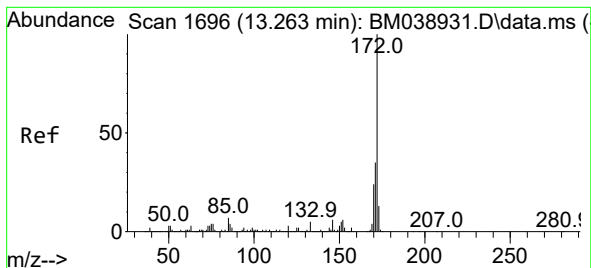
Tgt Ion:164 Resp: 699861
Ion Ratio Lower Upper
164 100
162 97.8 79.2 118.8
160 43.6 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 161.262 ng
RT: 16.086 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

Tgt Ion:330 Resp: 1305623
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 36.2 32.2 48.4

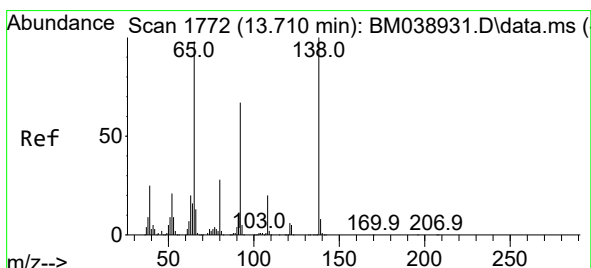
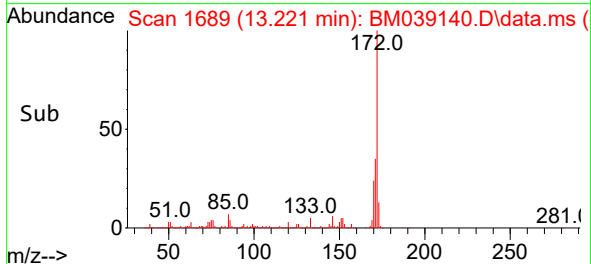
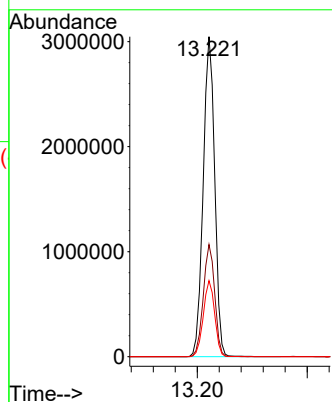
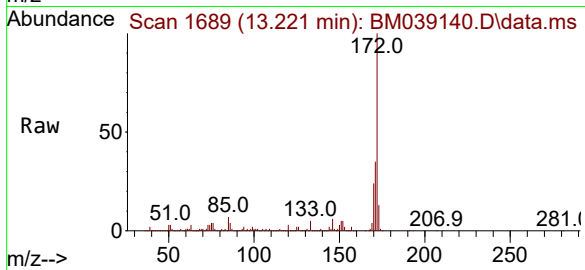




#45
2-Fluorobiphenyl
Concen: 82.383 ng
RT: 13.221 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

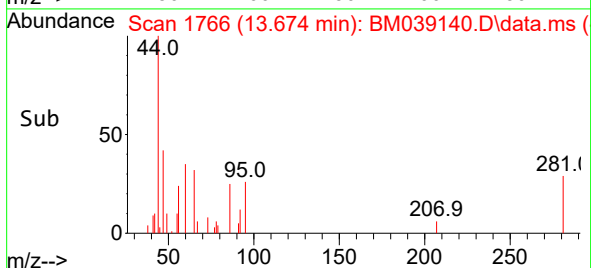
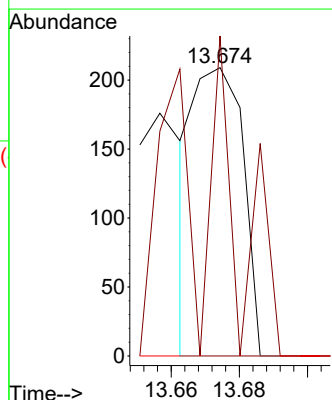
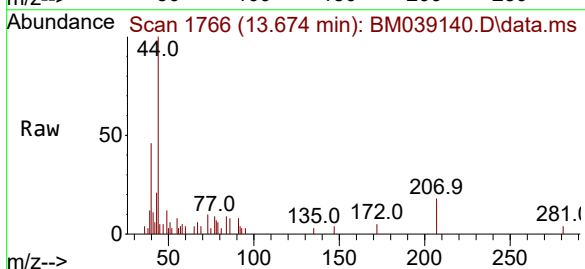
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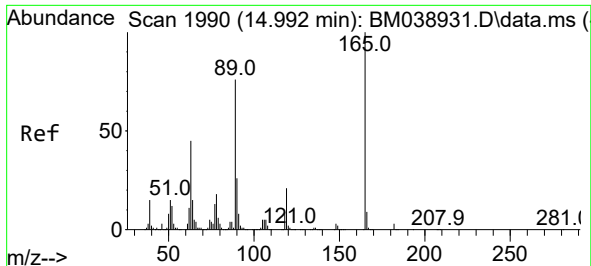
Tgt Ion:172 Resp: 4429003
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.8 19.1 28.7



#48
2-Nitroaniline
Concen: 2.229 ng
RT: 13.674 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

Tgt Ion: 65 Resp: 208
Ion Ratio Lower Upper
65 100
92 111.0 54.9 82.3#
138 0.0 81.6 122.4#

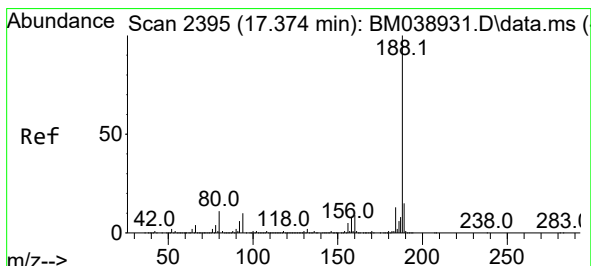
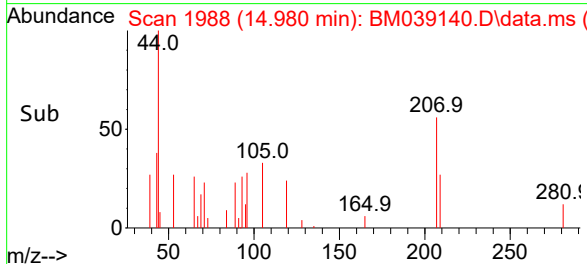
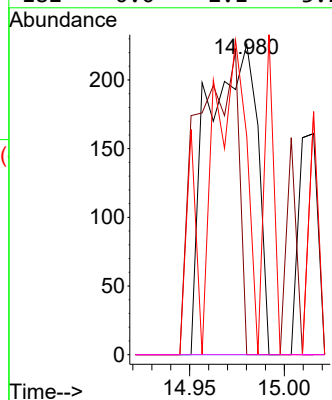
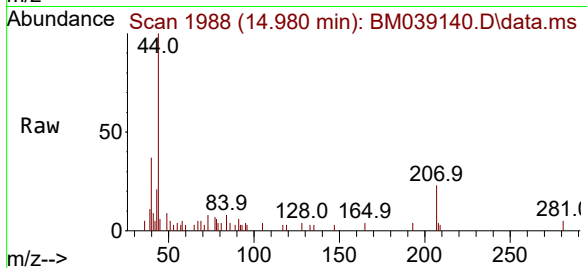




#57
2,4-Dinitrotoluene
Concen: 2.096 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.018 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

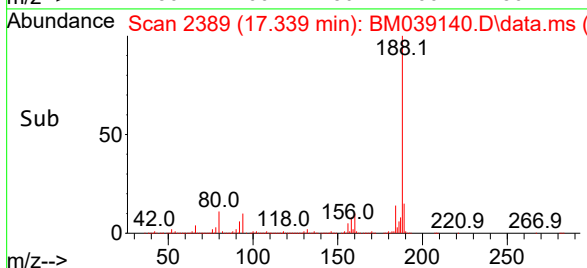
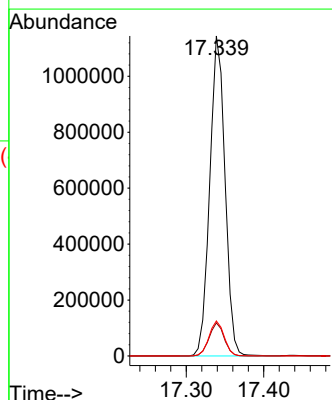
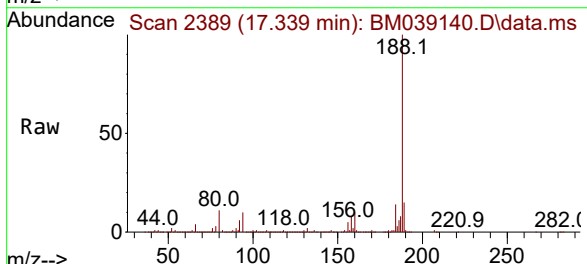
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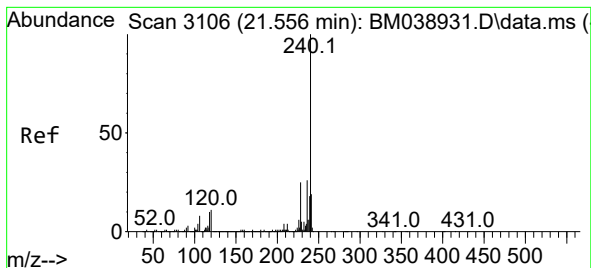
Tgt Ion:165 Resp: 407
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 70.4 61.0 91.6
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

Tgt Ion:188 Resp: 1566515
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.0 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039140.D

Acq: 24 Mar 2023 14:00

Instrument :

BNA_M

ClientSampleId :

PB151460BL

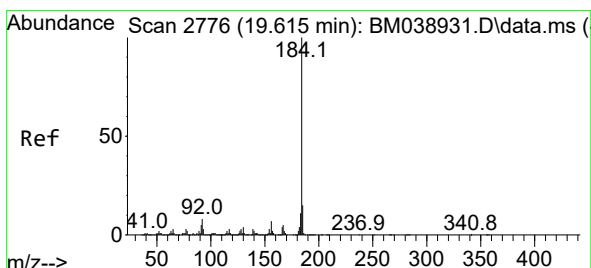
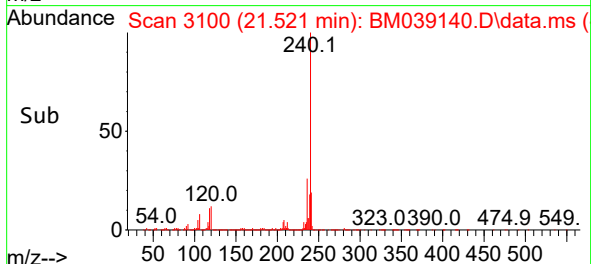
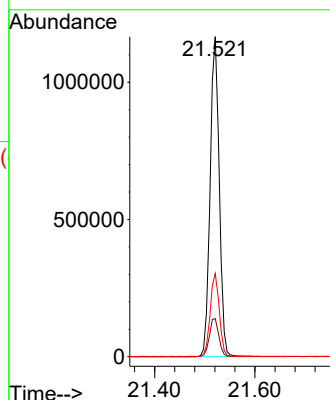
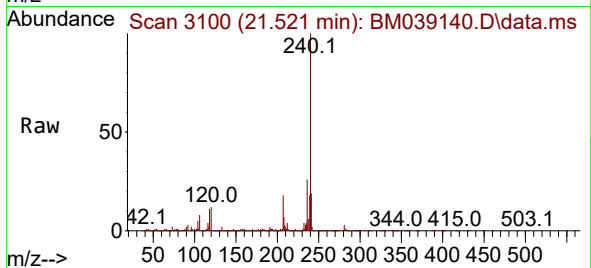
Tgt Ion:240 Resp: 1476801

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.0 20.8 31.2



#77

Benzidine

Concen: 4.972 ng

RT: 19.603 min Scan# 2774

Delta R.T. 0.018 min

Lab File: BM039140.D

Acq: 24 Mar 2023 14:00

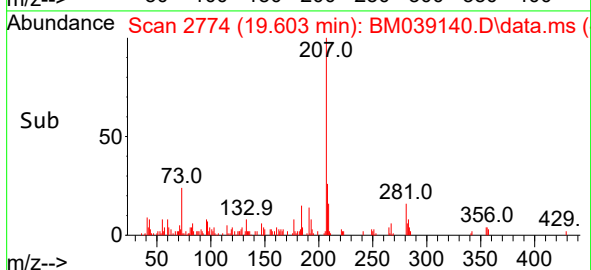
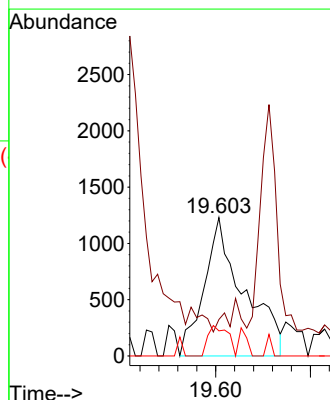
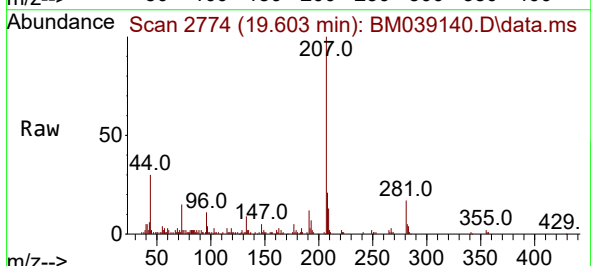
Tgt Ion:184 Resp: 3569

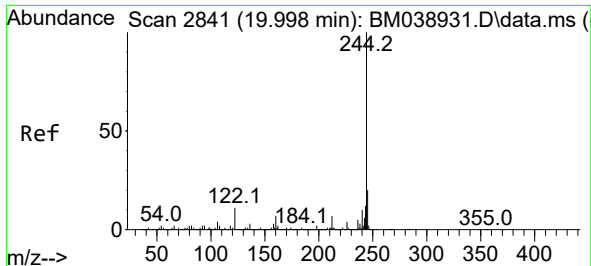
Ion Ratio Lower Upper

184 100

185 26.4 12.2 18.4#

183 18.2 8.8 13.2#

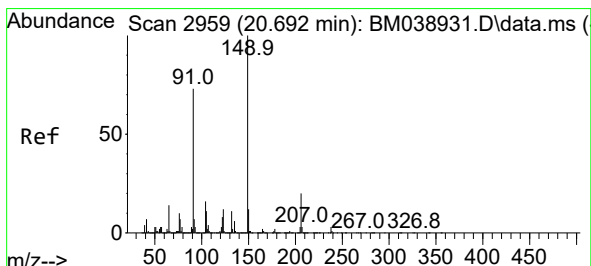
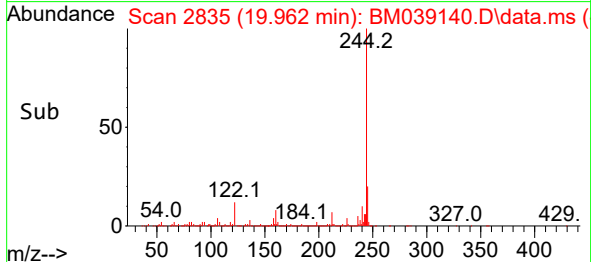
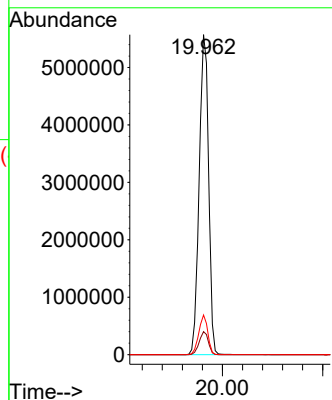
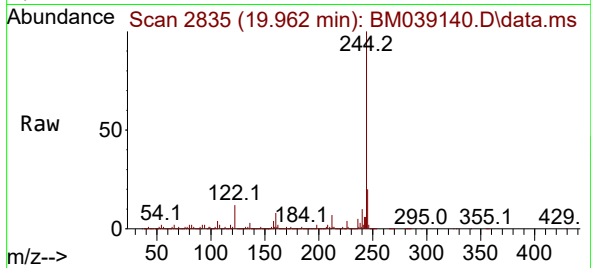




#79
 Terphenyl-d14
 Concen: 89.451 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039140.D
 Acq: 24 Mar 2023 14:00

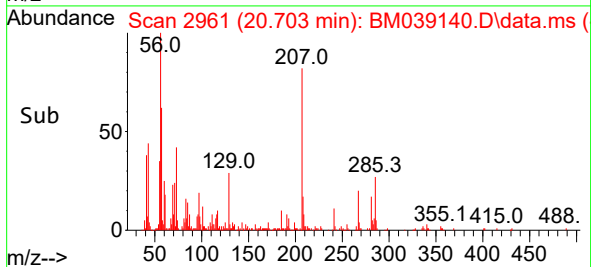
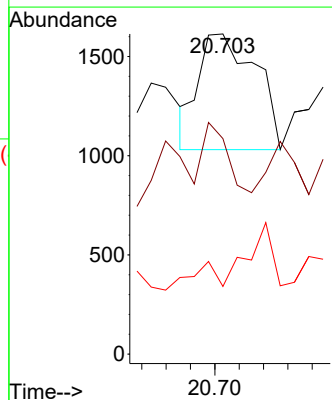
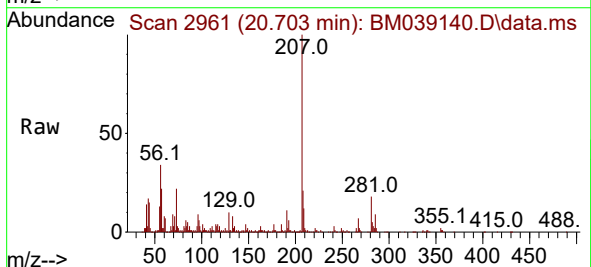
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 ClientSampleId :
 PB151460BL

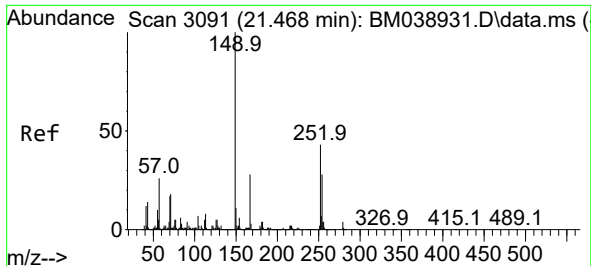
Tgt Ion:244 Resp: 7225243
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 12.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.335 ng
 RT: 20.703 min Scan# 2961
 Delta R.T. 0.047 min
 Lab File: BM039140.D
 Acq: 24 Mar 2023 14:00

Tgt Ion:149 Resp: 947
 Ion Ratio Lower Upper
 149 100
 91 67.3 58.4 87.6
 206 21.1 16.1 24.1

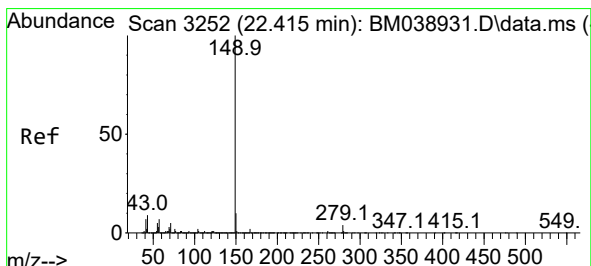
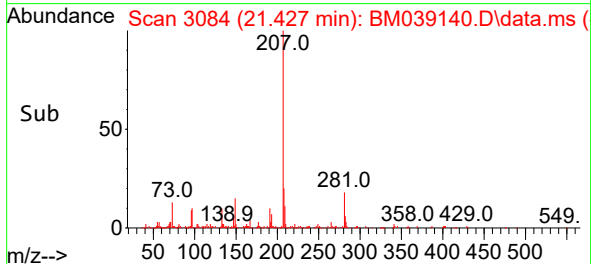
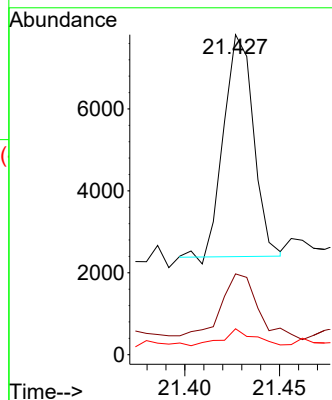
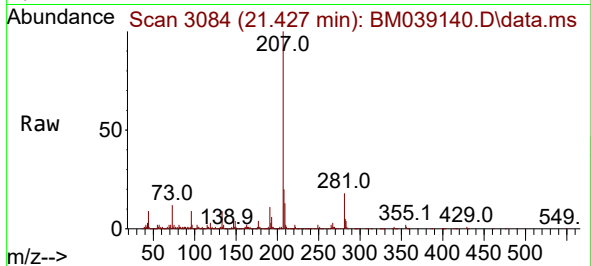




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.567 ng
RT: 21.427 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

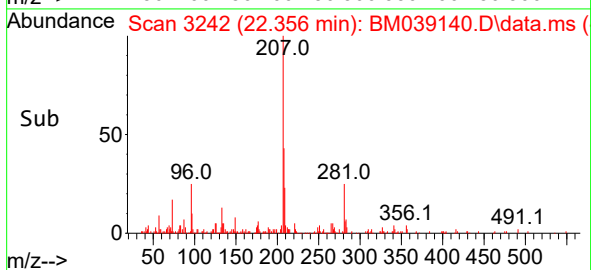
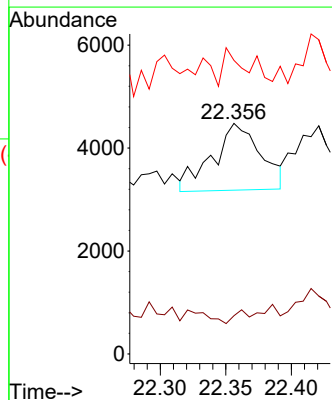
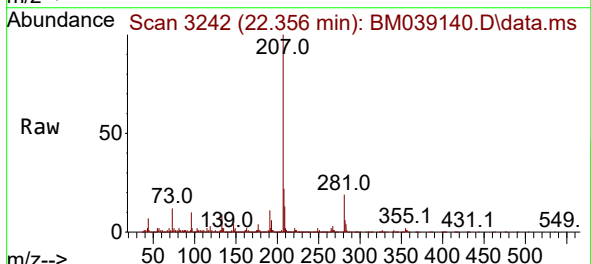
Instrument :
BNA_M
ClientSampleId :
PB151460BL

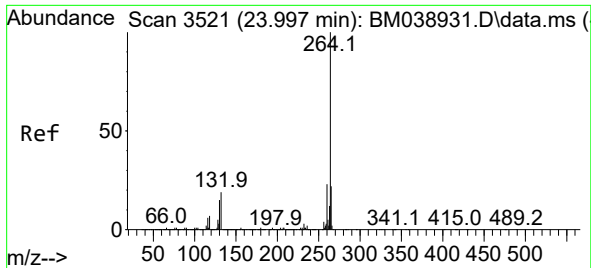
Tgt Ion:149 Resp: 5917
Ion Ratio Lower Upper
149 100
167 25.3 22.3 33.5
279 8.1 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.823 ng
RT: 22.356 min Scan# 3242
Delta R.T. -0.012 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

Tgt Ion:149 Resp: 3303
Ion Ratio Lower Upper
149 100
167 5.8 1.2 1.8#
43 20.2 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.950 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039140.D
Acq: 24 Mar 2023 14:00

Instrument :
BNA_M
ClientSampleId :
PB151460BL

Tgt Ion:264 Resp: 1586322

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.0	17.9	26.9

