

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039066.D
 Acq On : 21 Mar 2023 13:10
 Operator : CG/JU
 Sample : PB151496TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151496TB

Quant Time: Mar 22 03:38:59 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)

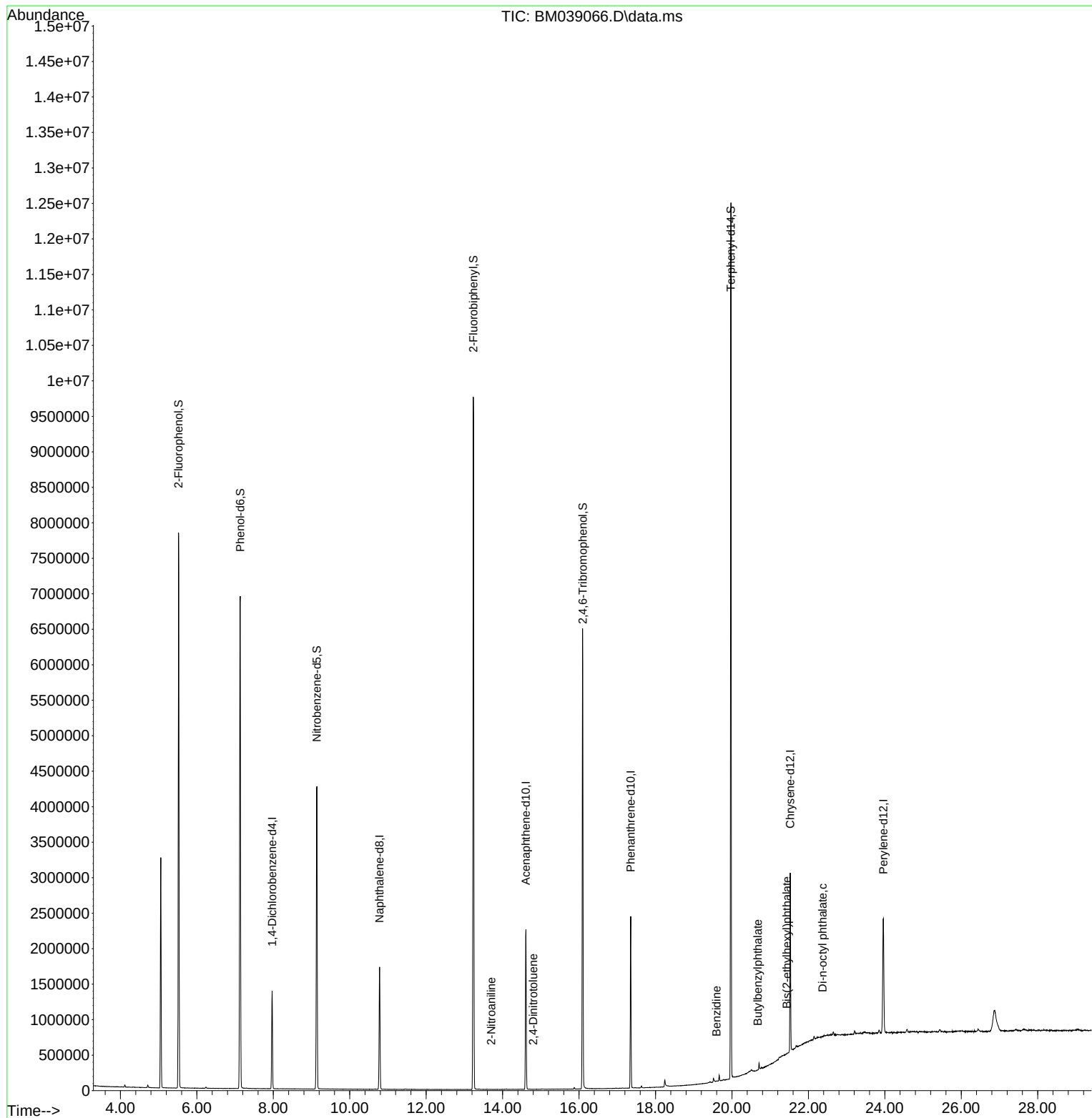
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	357289	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1388828	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	752223	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1394835	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1083173	20.000	ng	0.00
86) Perylene-d12	23.962	264	1187818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3351810	142.528	ng	0.00
7) Phenol-d6	7.134	99	4165339	136.363	ng	0.00
23) Nitrobenzene-d5	9.139	82	2462789	87.106	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1078134	123.895	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4922012	85.180	ng	0.00
79) Terphenyl-d14	19.974	244	5644211	95.271	ng	0.00
Target Compounds						
					Qvalue	
48) 2-Nitroaniline	13.704	65	55	2.219	ng	# 21
57) 2,4-Dinitrotoluene	14.804	165	108	2.077	ng	# 20
77) Benzidine	19.597	184	3364	4.999	ng	# 80
80) Butylbenzylphthalate	20.674	149	659	3.334	ng	# 76
84) Bis(2-ethylhexyl)phtha...	21.439	149	3072	2.543	ng	# 83
85) Di-n-octyl phthalate	22.374	149	778	3.805	ng	# 1

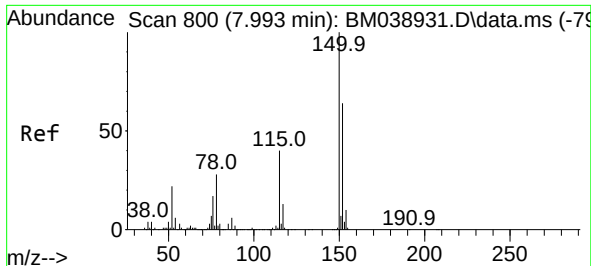
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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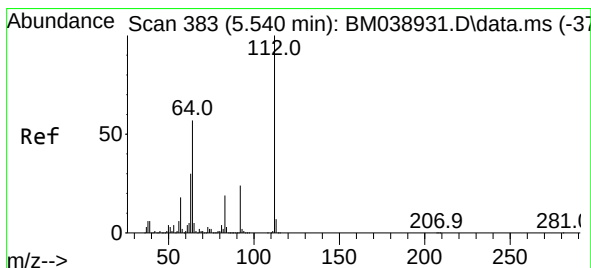
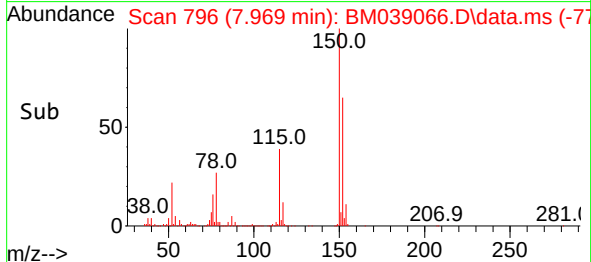
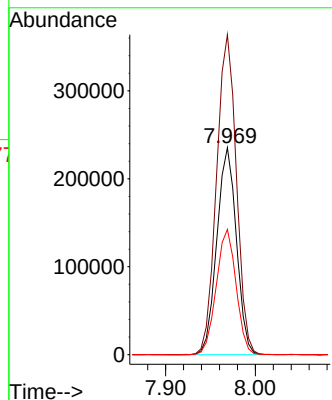
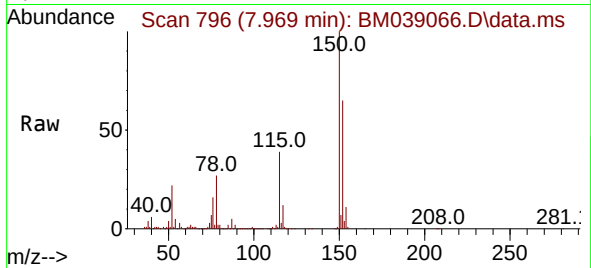




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

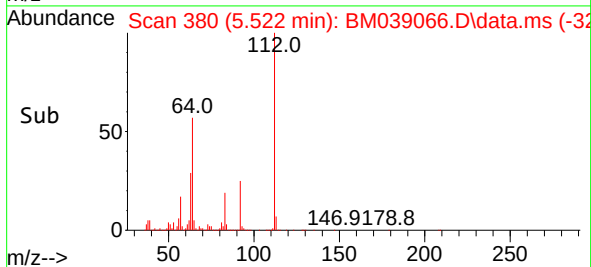
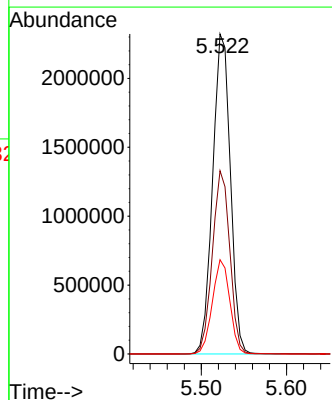
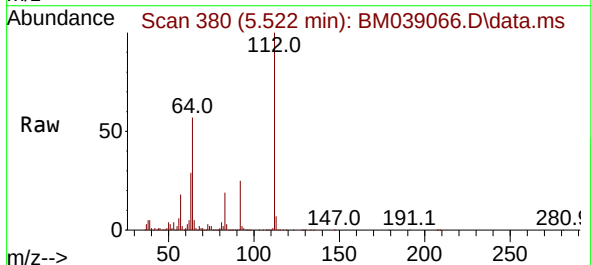
Instrument :
BNA_M
ClientSampleId :
PB151496TB

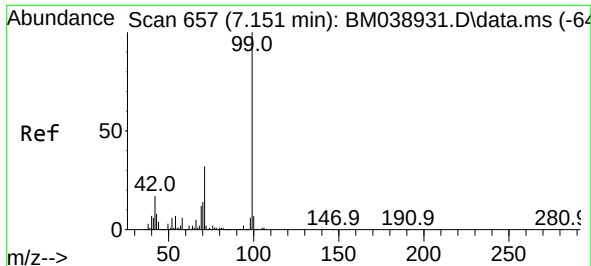
Tgt Ion:152 Resp: 357289
Ion Ratio Lower Upper
152 100
150 154.6 125.1 187.7
115 60.5 49.6 74.4



#5
2-Fluorophenol
Concen: 142.528 ng
RT: 5.522 min Scan# 380
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

Tgt Ion:112 Resp: 3351810
Ion Ratio Lower Upper
112 100
64 57.3 45.9 68.9
63 29.4 23.8 35.8

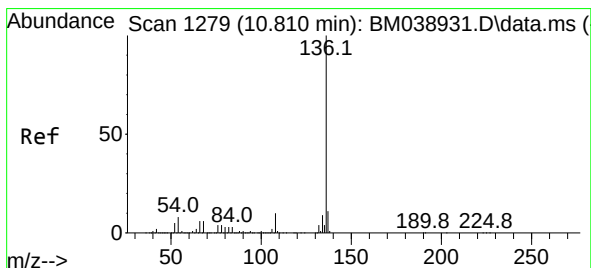
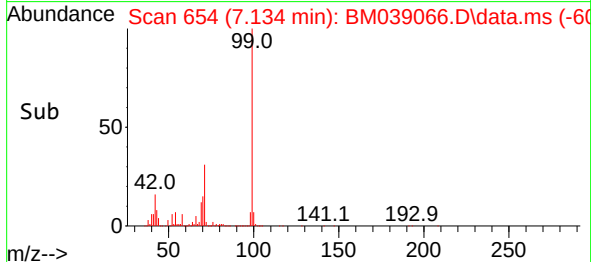
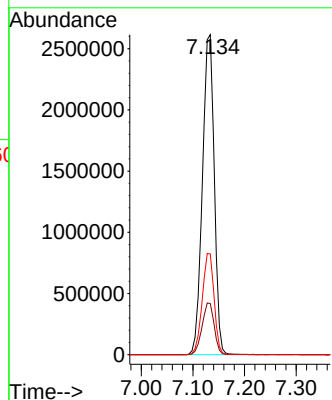
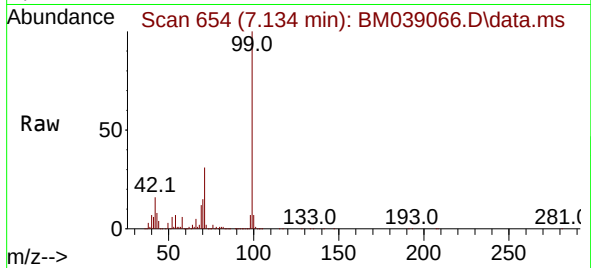




#7
Phenol-d6
Concen: 136.363 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

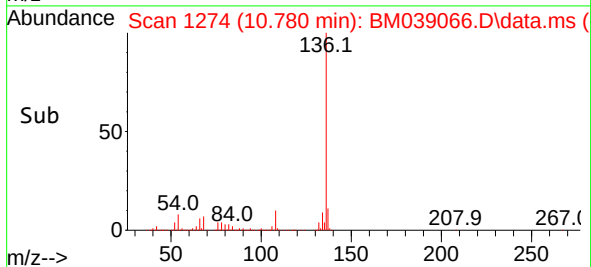
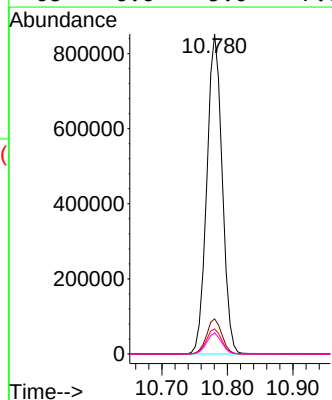
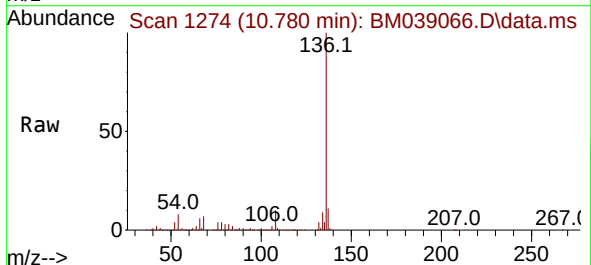
Instrument :
BNA_M
ClientSampleId :
PB151496TB

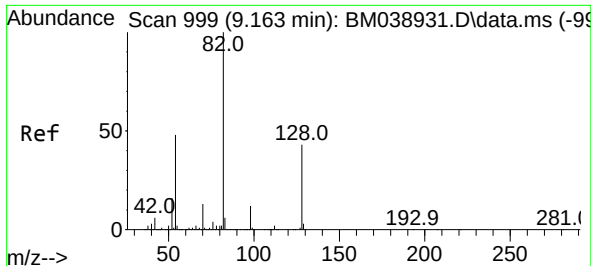
Tgt Ion: 99 Resp: 4165339
Ion Ratio Lower Upper
99 100
42 16.0 13.5 20.3
71 31.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

Tgt Ion: 136 Resp: 1388828
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.3 9.5
68 6.6 5.0 7.6

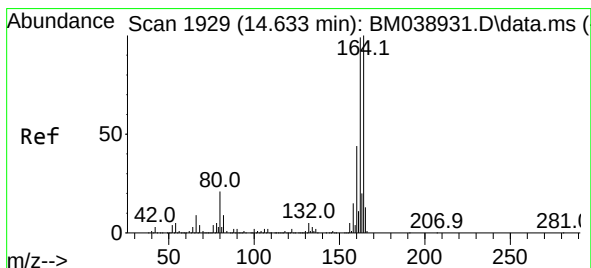
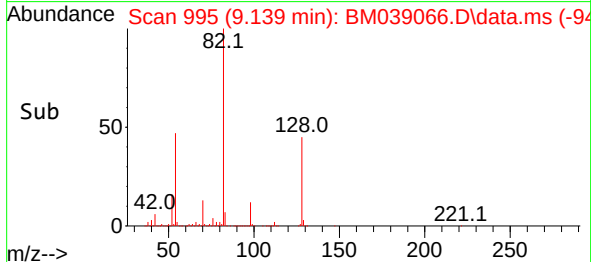
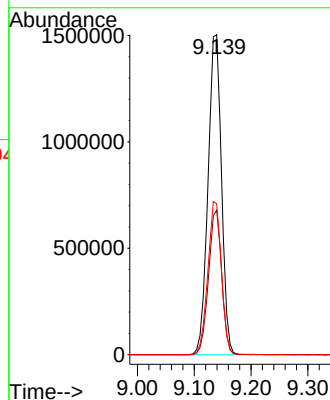
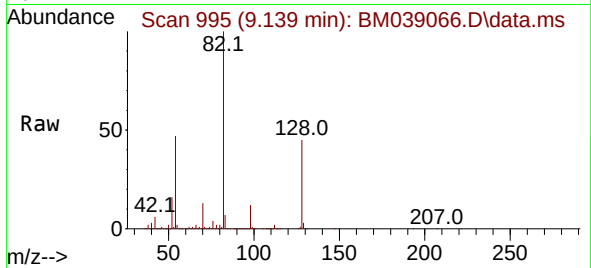




#23
Nitrobenzene-d5
Concen: 87.106 ng
RT: 9.139 min Scan# 995
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

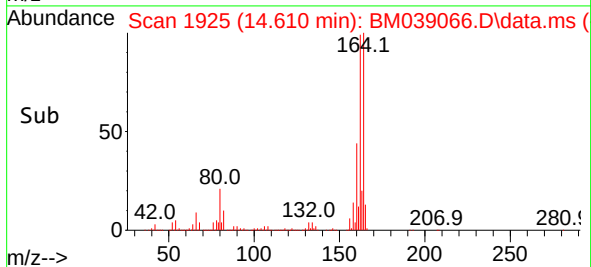
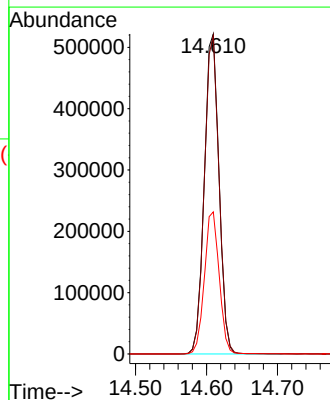
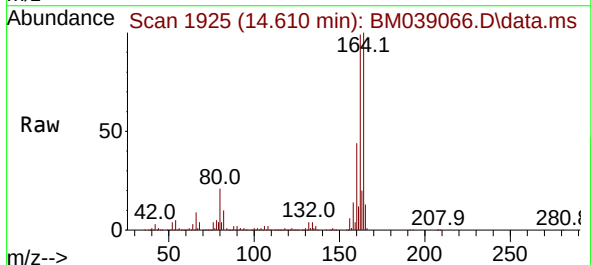
Instrument :
BNA_M
ClientSampleId :
PB151496TB

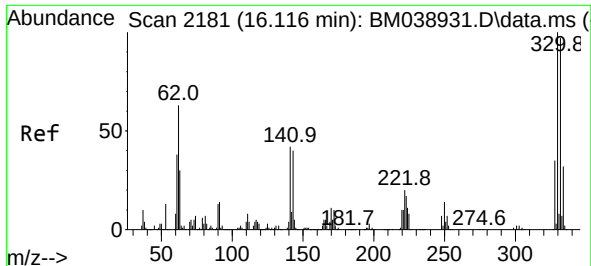
Tgt Ion: 82 Resp: 2462789
Ion Ratio Lower Upper
82 100
128 45.1 34.4 51.6
54 47.1 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

Tgt Ion: 164 Resp: 752223
Ion Ratio Lower Upper
164 100
162 99.5 79.2 118.8
160 44.4 35.5 53.3

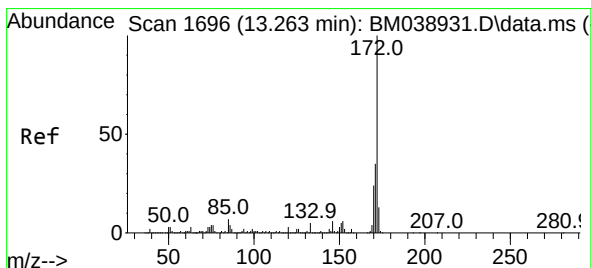
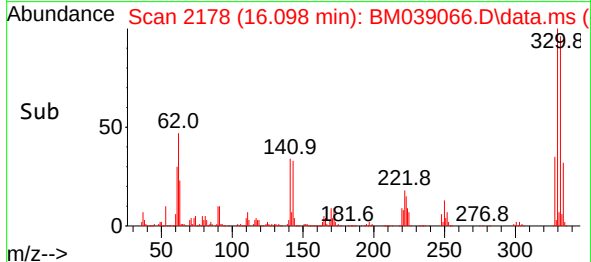
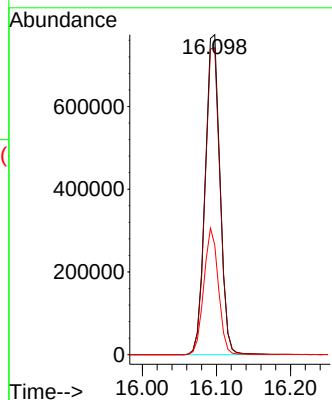
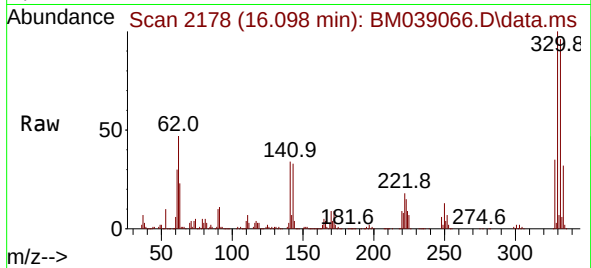




#42
2,4,6-Tribromophenol
Concen: 123.895 ng
RT: 16.098 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

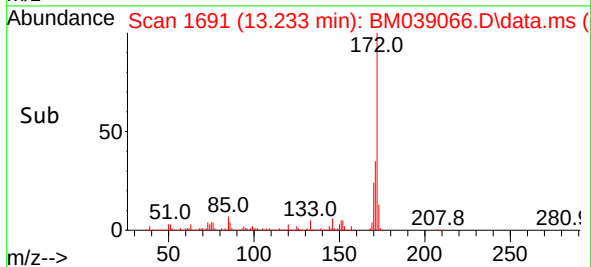
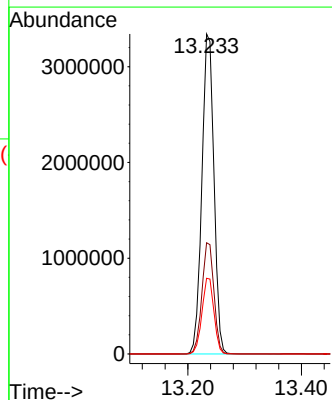
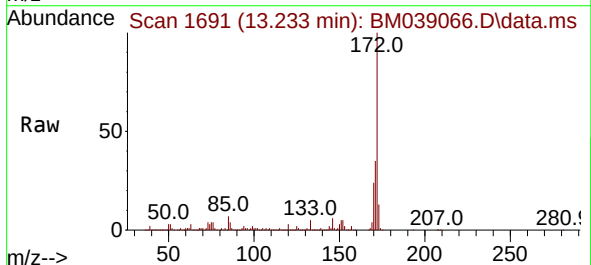
Instrument :
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ClientSampleId :
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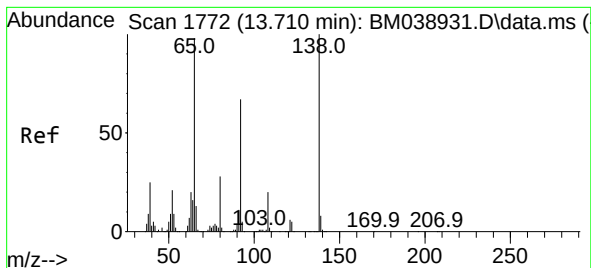
Tgt Ion:330 Resp: 1078134
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 38.8 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 85.180 ng
RT: 13.233 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

Tgt Ion:172 Resp: 4922012
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.6 19.1 28.7





#48

2-Nitroaniline

Concen: 2.219 ng

RT: 13.704 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM039066.D

Acq: 21 Mar 2023 13:10

Instrument :

BNA_M

ClientSampleId :

PB151496TB

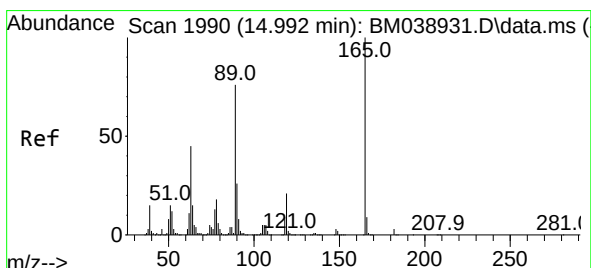
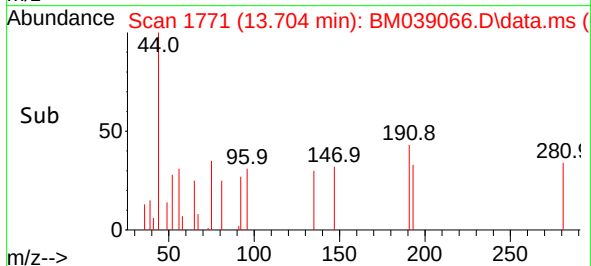
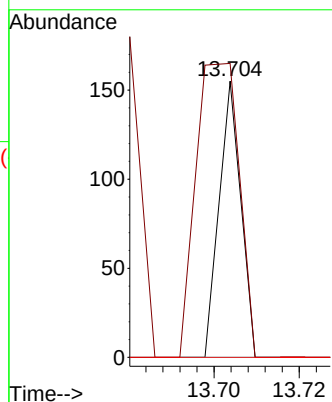
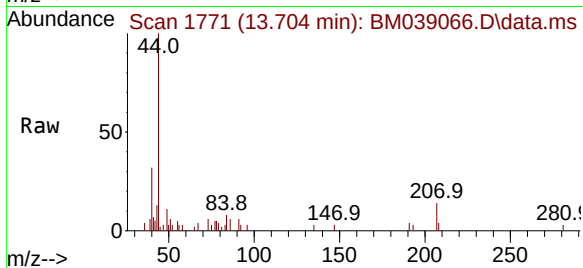
Tgt Ion: 65 Resp: 55

Ion Ratio Lower Upper

65 100

92 106.5 54.9 82.3#

138 0.0 81.6 122.4#



#57

2,4-Dinitrotoluene

Concen: 2.077 ng

RT: 14.804 min Scan# 1958

Delta R.T. -0.165 min

Lab File: BM039066.D

Acq: 21 Mar 2023 13:10

Tgt Ion: 165 Resp: 108

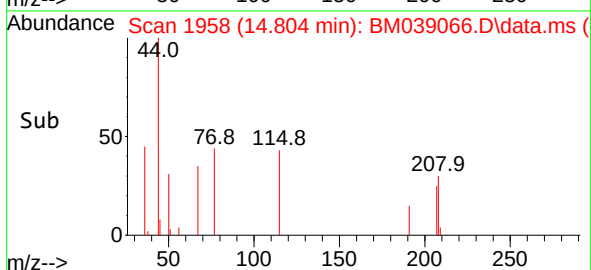
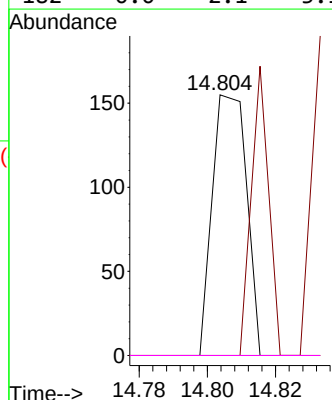
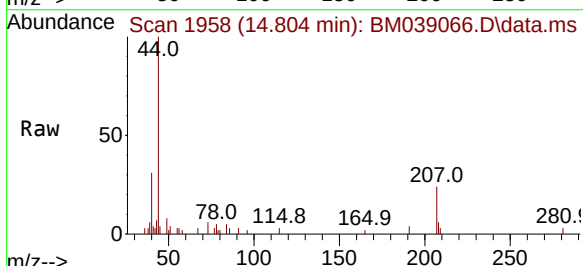
Ion Ratio Lower Upper

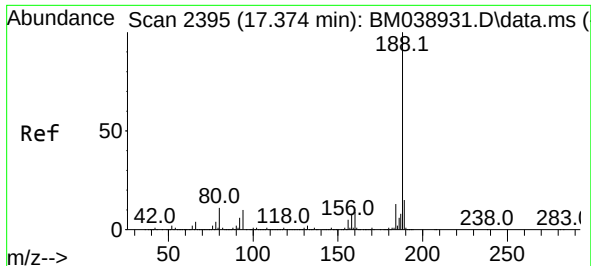
165 100

63 0.0 35.9 53.9#

89 0.0 61.0 91.6#

182 0.0 2.1 3.1#

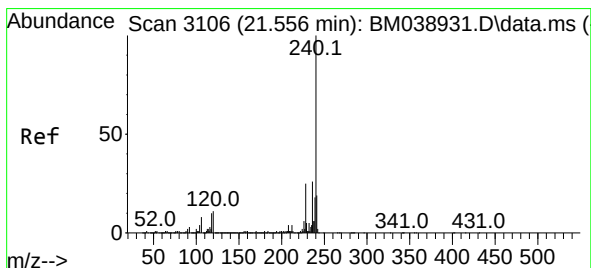
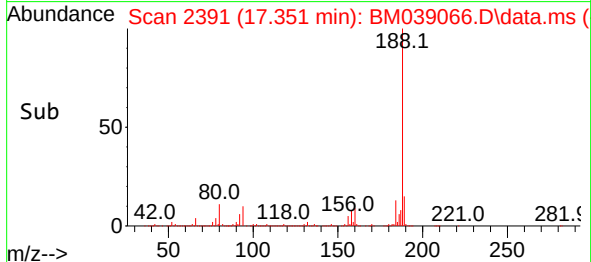
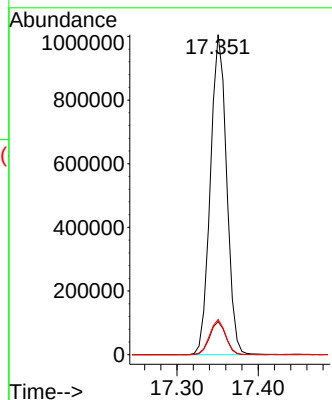
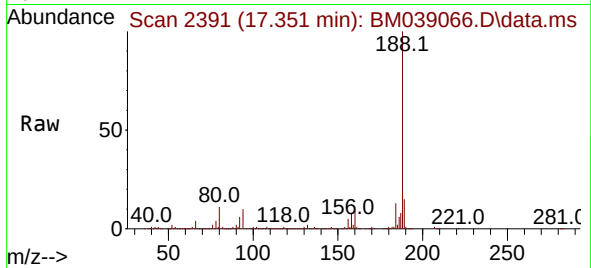




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

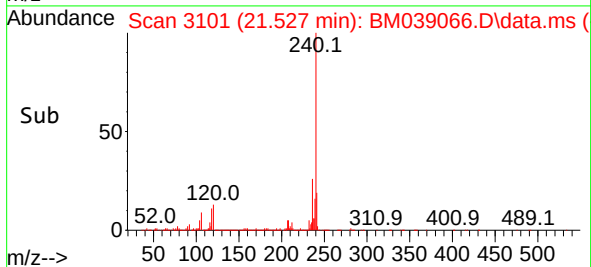
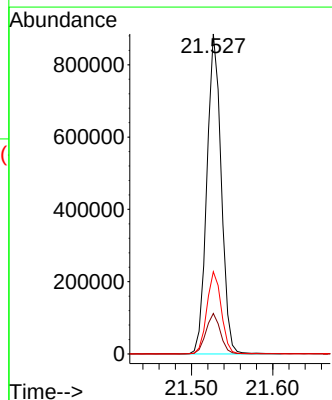
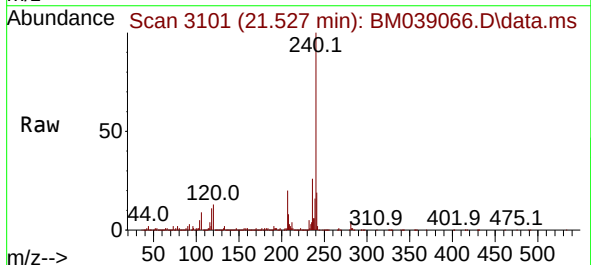
Instrument :
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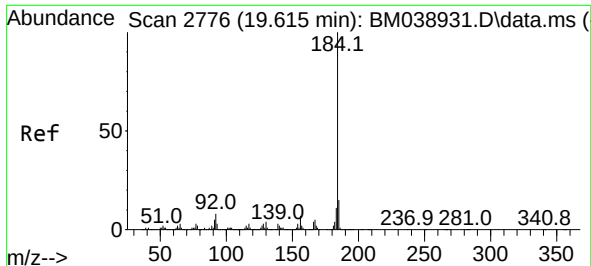
Tgt Ion:188 Resp: 1394835
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 11.0 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

Tgt Ion:240 Resp: 1083173
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.7 20.8 31.2

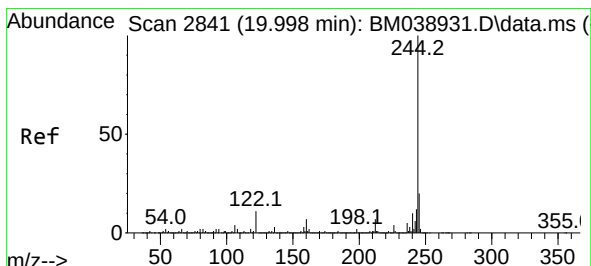
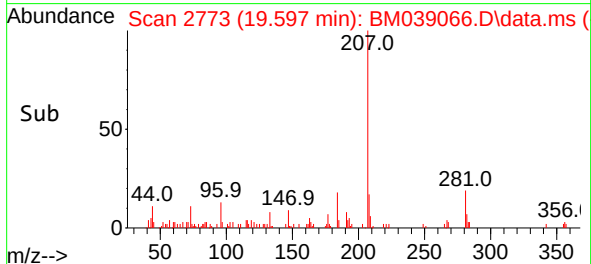
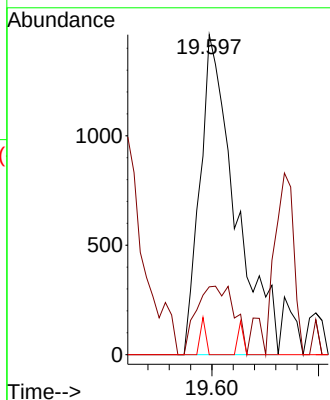
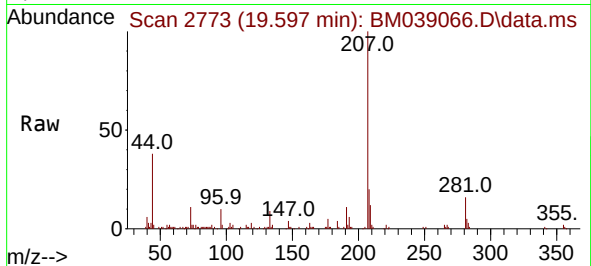




#77
Benzidine
Concen: 4.999 ng
RT: 19.597 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

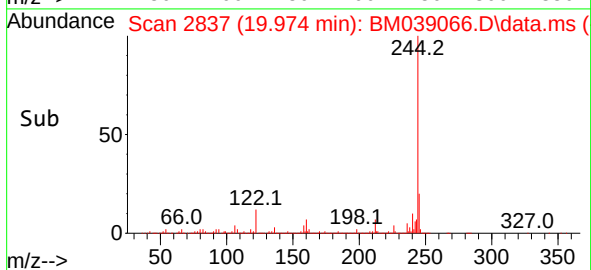
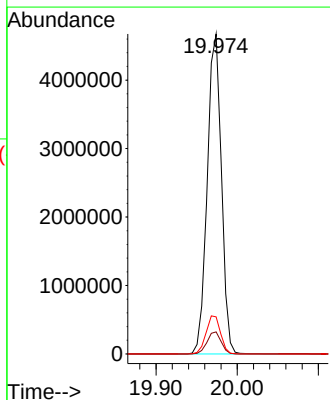
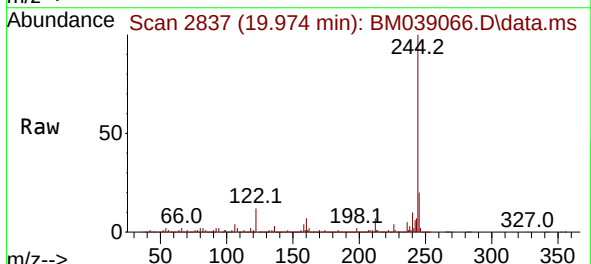
Instrument :
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PB151496TB

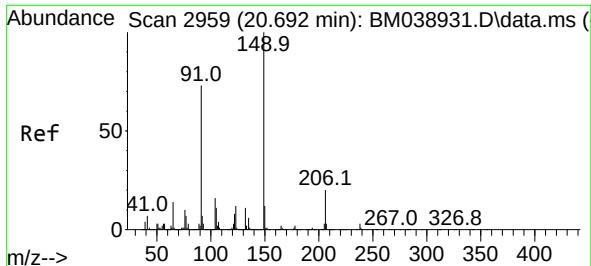
Tgt Ion:184 Resp: 3364
Ion Ratio Lower Upper
184 100
185 21.2 12.2 18.4#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 95.271 ng
RT: 19.974 min Scan# 2837
Delta R.T. 0.006 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

Tgt Ion:244 Resp: 5644211
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.6 9.0 13.4

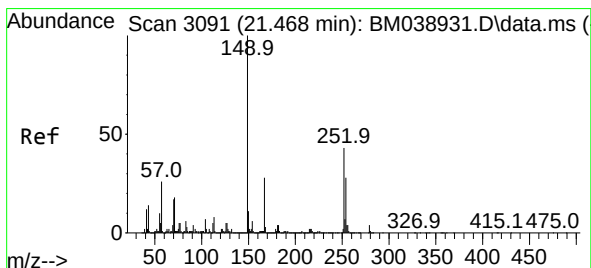
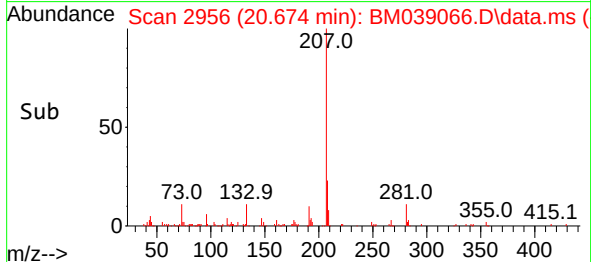
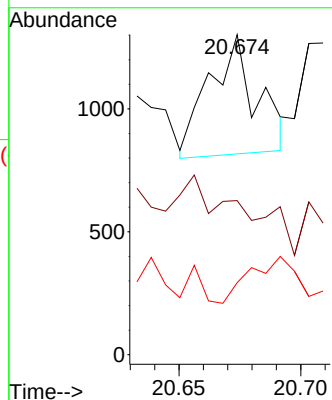
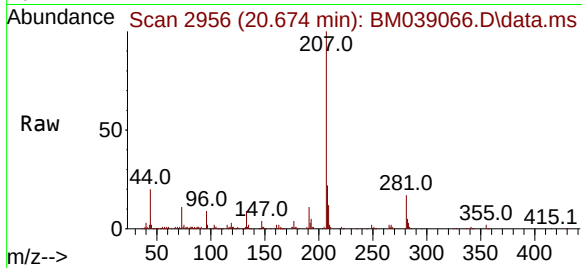




#80
 Butylbenzylphthalate
 Concen: 3.334 ng
 RT: 20.674 min Scan# 2956
 Delta R.T. 0.012 min
 Lab File: BM039066.D
 Acq: 21 Mar 2023 13:10

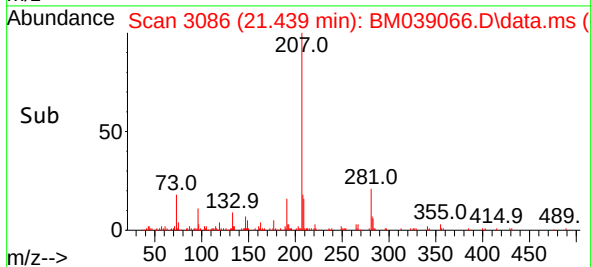
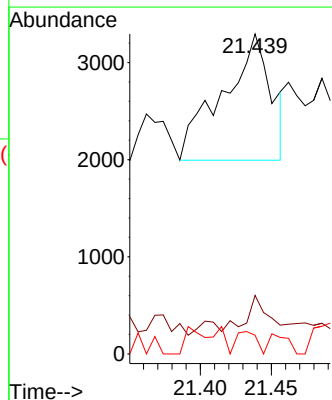
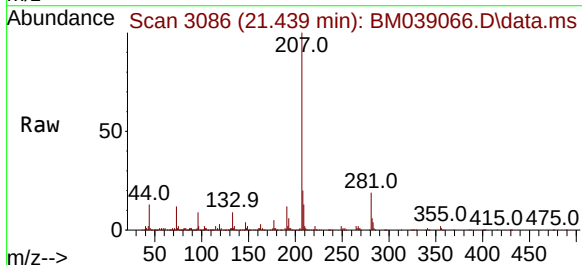
Instrument :
 BNA_M
 ClientSampleId :
 PB151496TB

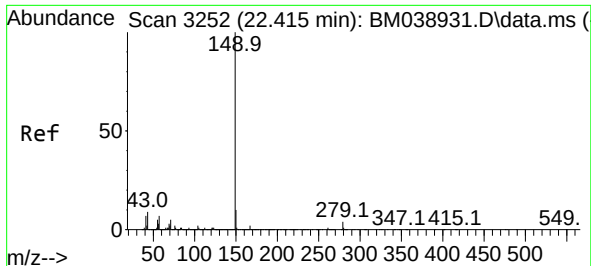
Tgt Ion:149 Resp: 659
 Ion Ratio Lower Upper
 149 100
 91 48.2 58.4 87.6#
 206 22.5 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.543 ng
 RT: 21.439 min Scan# 3086
 Delta R.T. -0.000 min
 Lab File: BM039066.D
 Acq: 21 Mar 2023 13:10

Tgt Ion:149 Resp: 3072
 Ion Ratio Lower Upper
 149 100
 167 18.3 22.3 33.5#
 279 5.8 3.2 4.8#

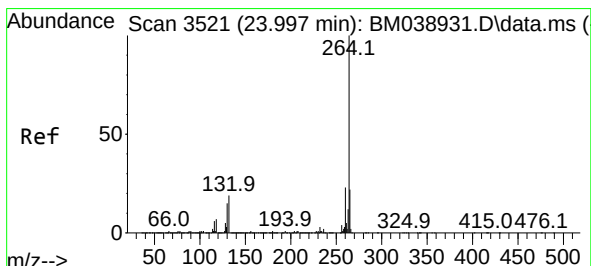
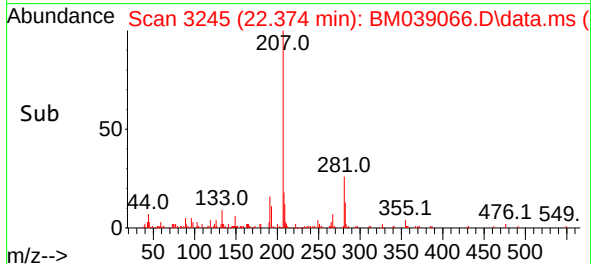
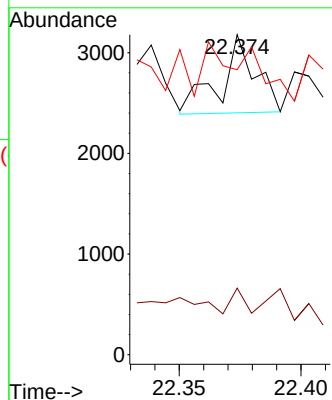
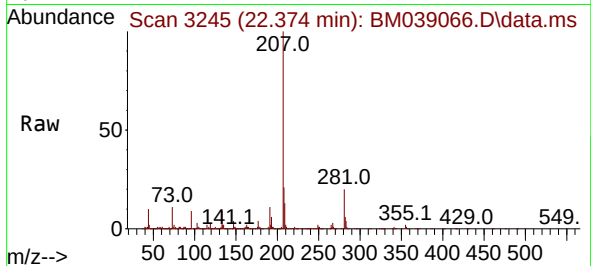




#85
Di-n-octyl phthalate
Concen: 3.805 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

Instrument :
BNA_M
ClientSampleId :
PB151496TB

Tgt Ion:149 Resp: 778
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 99.1 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BM039066.D
Acq: 21 Mar 2023 13:10

Tgt Ion:264 Resp: 1187818
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.3 17.9 26.9

