

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039162.D
 Acq On : 27 Mar 2023 16:10
 Operator : CG/JU
 Sample : 02090-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 UPS-01-032323

Quant Time: Mar 28 01:50:05 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)

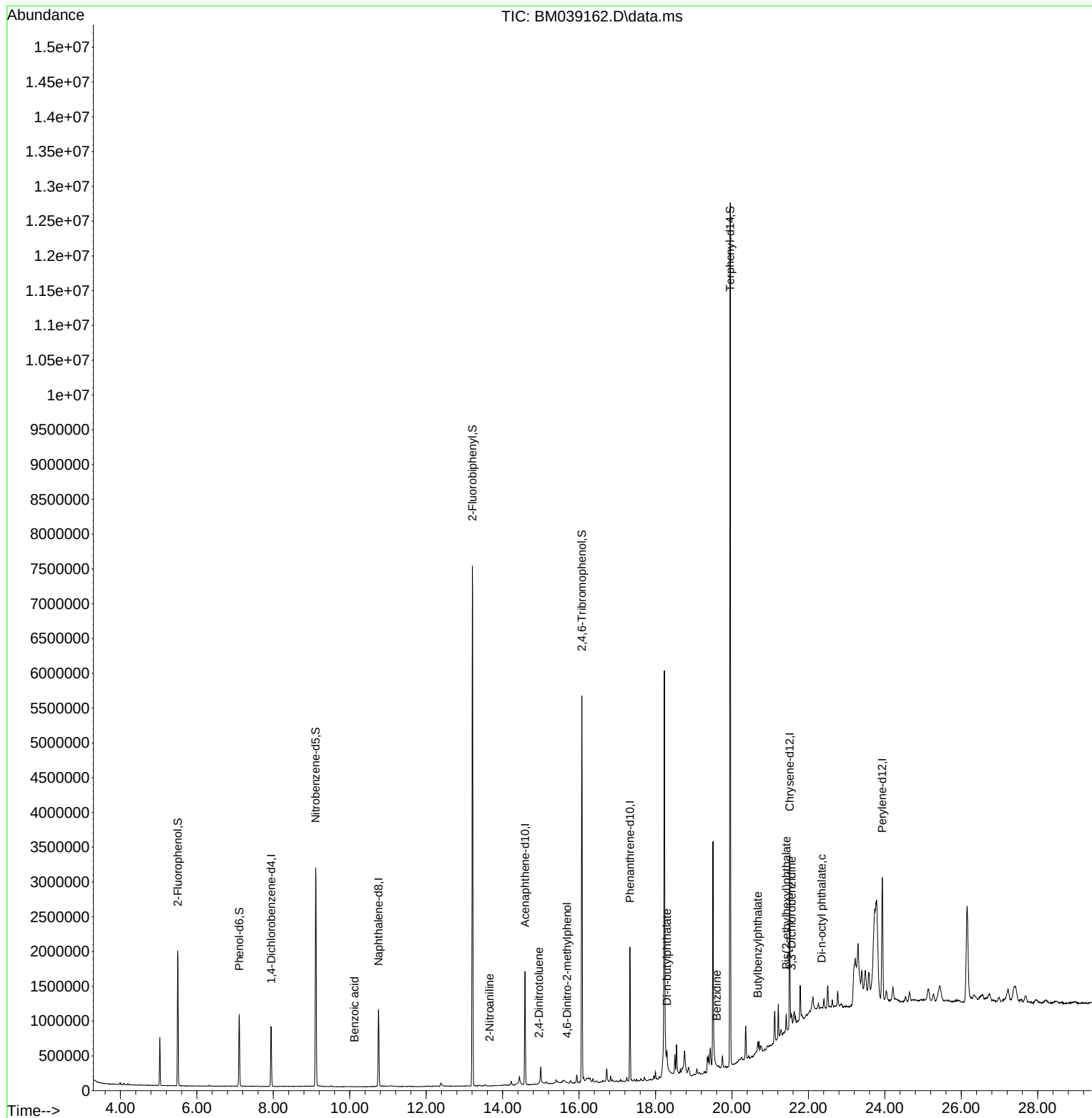
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	230567	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	906546	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	527864	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1109232	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1114801	20.000	ng	0.00
86) Perylene-d12	23.932	264	1336734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	854099	56.280	ng	0.00
7) Phenol-d6	7.110	99	608800	30.885	ng	0.00
23) Nitrobenzene-d5	9.110	82	1823787	98.822	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	960644	157.314	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	3803858	93.809	ng	0.00
79) Terphenyl-d14	19.956	244	5984759	98.153	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.122	122	73	5.739	ng	# 1
48) 2-Nitroaniline	13.663	65	423	2.253	ng	# 40
57) 2,4-Dinitrotoluene	14.951	165	3872	2.385	ng	# 89
65) 4,6-Dinitro-2-methylph...	15.686	198	66	5.096	ng	# 1
74) Di-n-butylphthalate	18.298	149	156928	3.889	ng	# 99
77) Benzidine	19.603	184	424	4.891	ng	# 1
80) Butylbenzylphthalate	20.674	149	203730	8.643	ng	# 26
82) 3,3'-Dichlorobenzidine	21.562	252	173332	7.025	ng	# 33
84) Bis(2-ethylhexyl)phtha...	21.421	149	79861	3.956	ng	# 97
85) Di-n-octyl phthalate	22.350	149	14916	3.957	ng	# 77

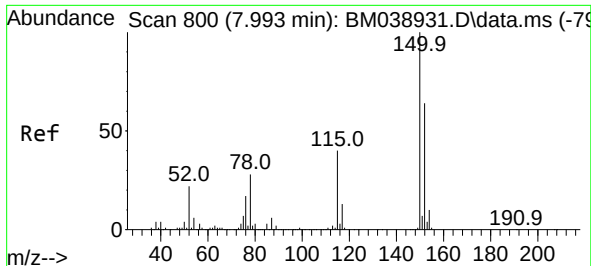
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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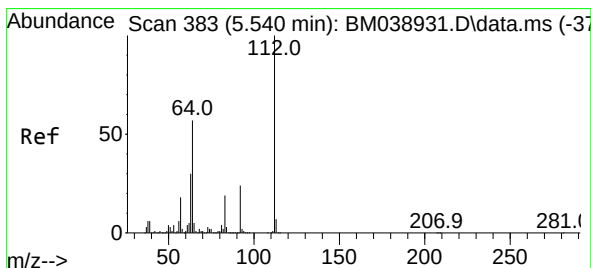
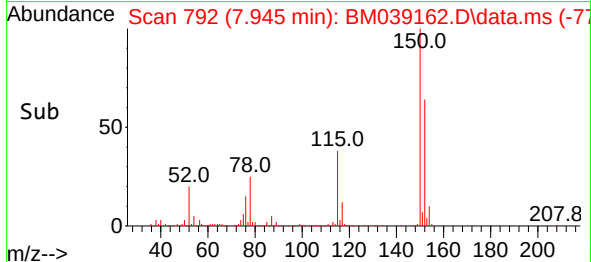
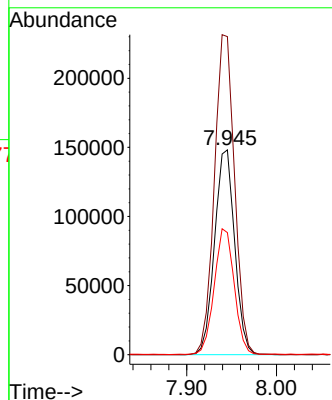
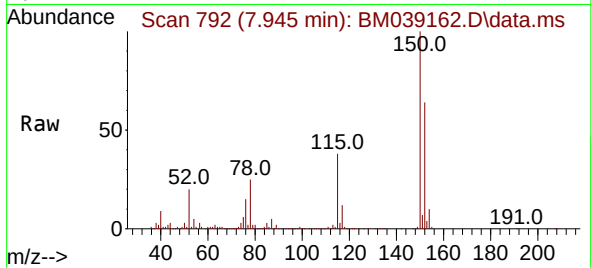




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.945 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

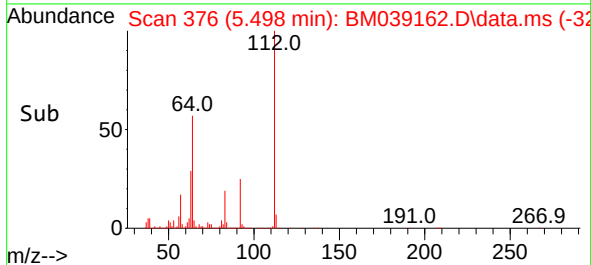
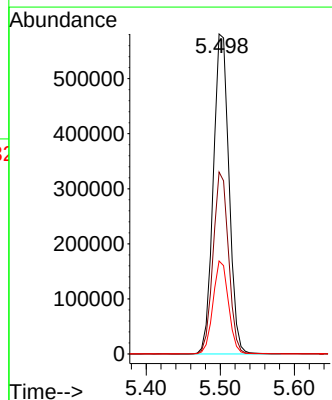
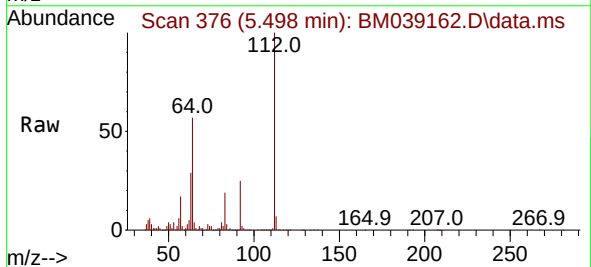
Instrument :
BNA_M
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UPS-01-032323

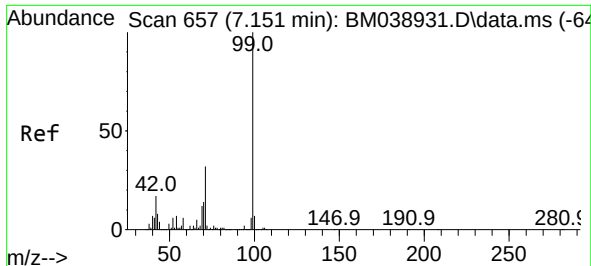
Tgt Ion:152 Resp: 230567
Ion Ratio Lower Upper
152 100
150 155.3 125.1 187.7
115 59.6 49.6 74.4



#5
2-Fluorophenol
Concen: 56.280 ng
RT: 5.498 min Scan# 376
Delta R.T. -0.000 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

Tgt Ion:112 Resp: 854099
Ion Ratio Lower Upper
112 100
64 56.8 45.9 68.9
63 29.1 23.8 35.8

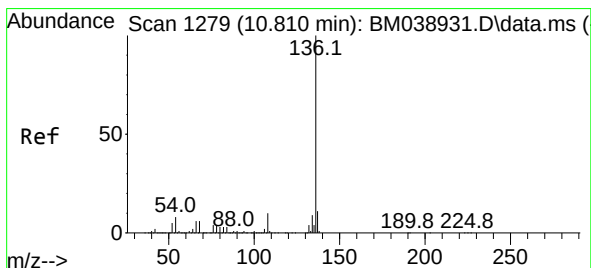
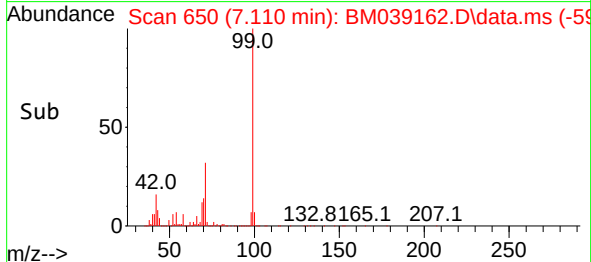
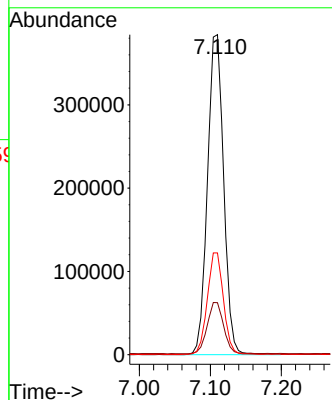
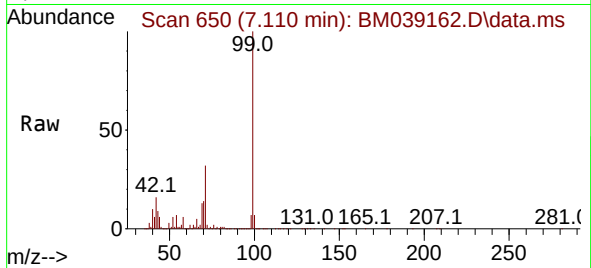




#7
Phenol-d6
Concen: 30.885 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

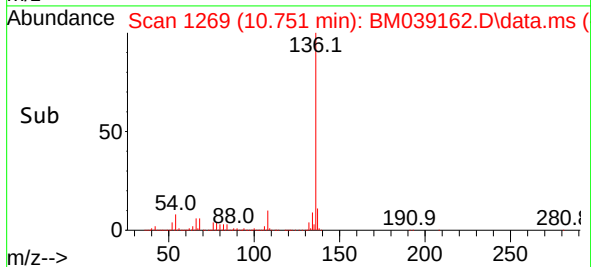
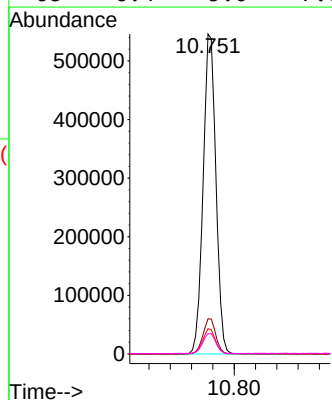
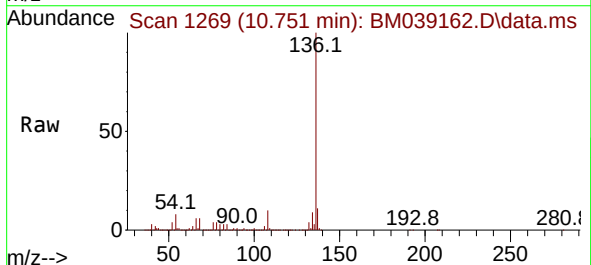
Instrument :
BNA_M
ClientSampleId :
UPS-01-032323

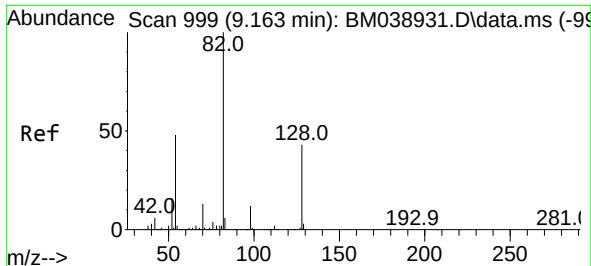
Tgt Ion: 99 Resp: 608800
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 136 Resp: 906546
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.3 9.5
68 6.4 5.0 7.6

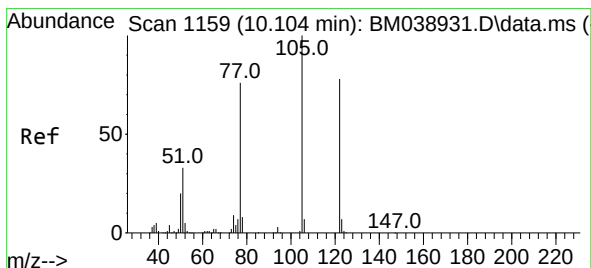
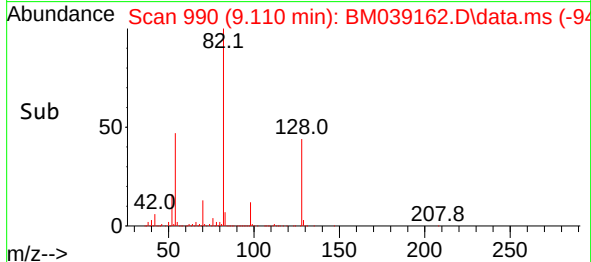
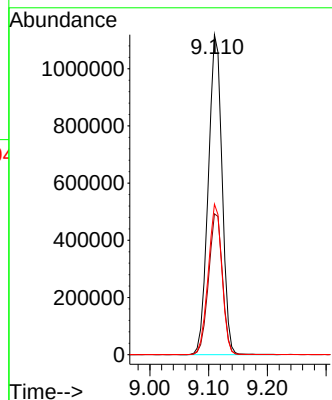
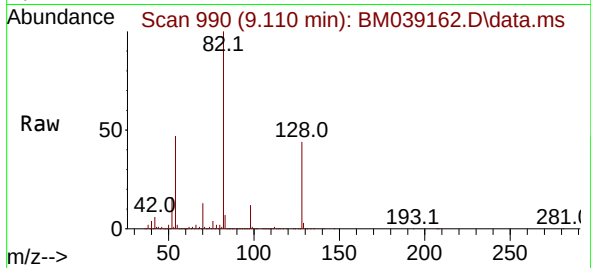




#23
Nitrobenzene-d5
Concen: 98.822 ng
RT: 9.110 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

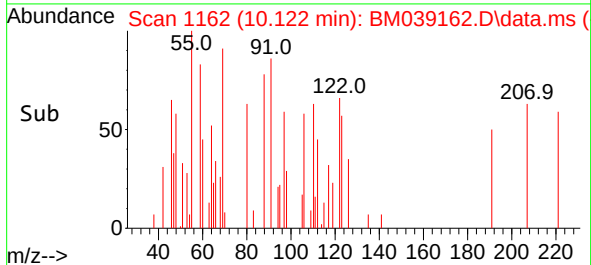
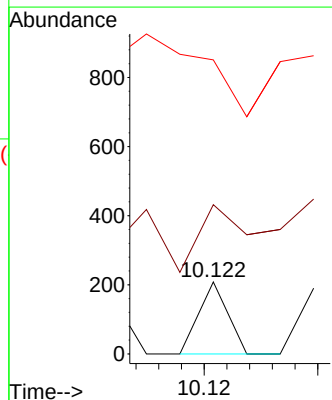
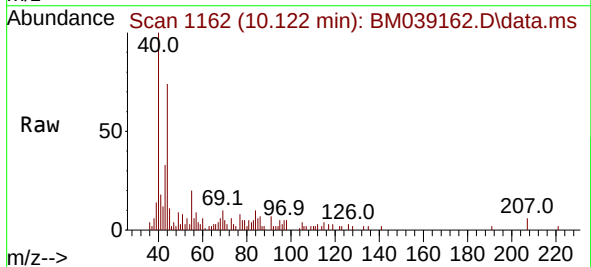
Instrument :
BNA_M
ClientSampleId :
UPS-01-032323

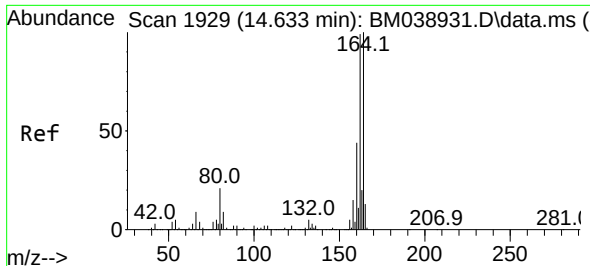
Tgt Ion: 82 Resp: 1823787
Ion Ratio Lower Upper
82 100
128 44.0 34.4 51.6
54 47.1 38.8 58.2



#32
Benzoic acid
Concen: 5.739 ng
RT: 10.122 min Scan# 1162
Delta R.T. 0.047 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 207.7 104.2 144.2#
77 409.1 75.1 115.1#

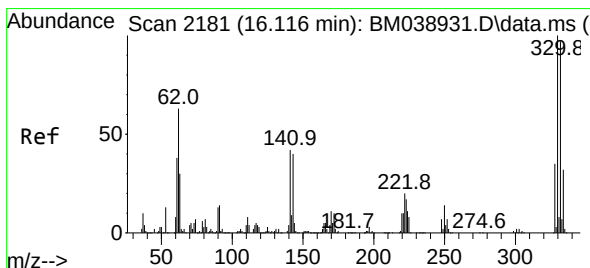
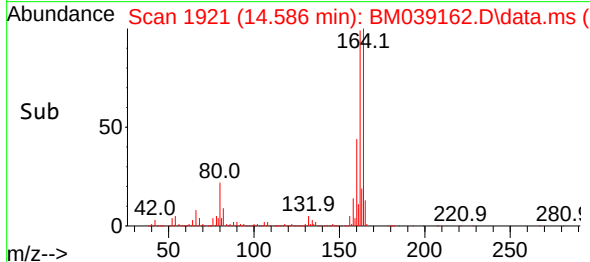
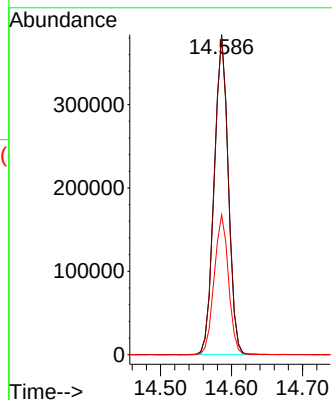
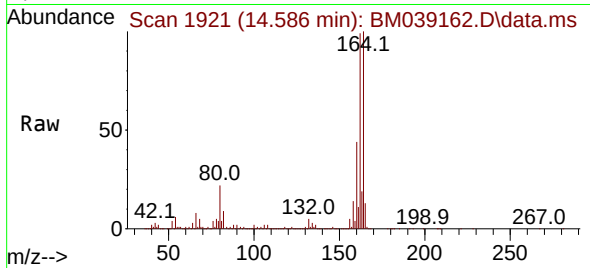




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

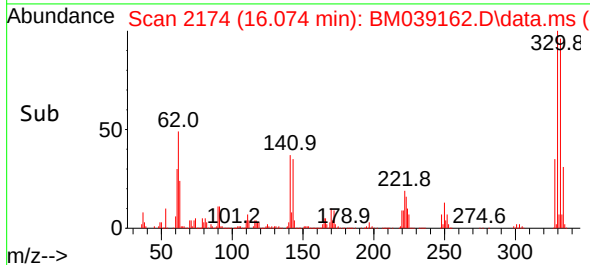
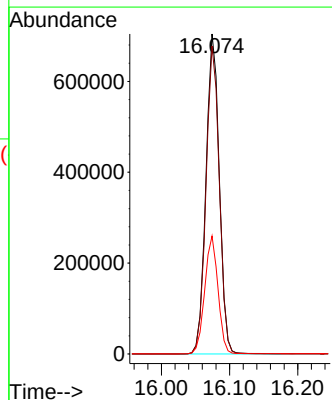
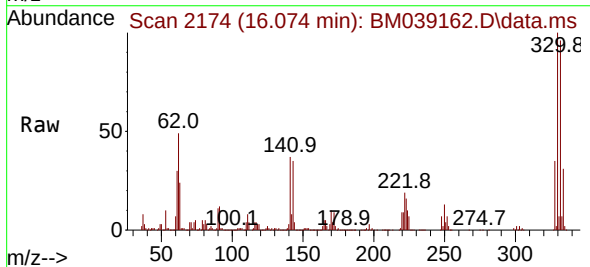
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ClientSampleId :
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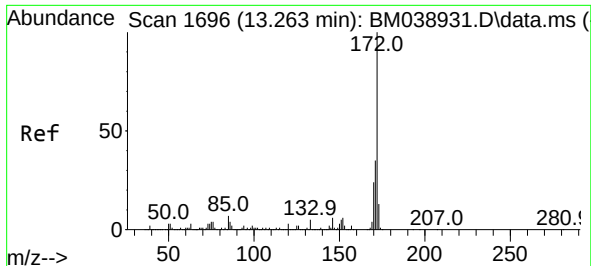
Tgt Ion:164 Resp: 527864
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 43.6 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 157.314 ng
RT: 16.074 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

Tgt Ion:330 Resp: 960644
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 36.6 32.2 48.4

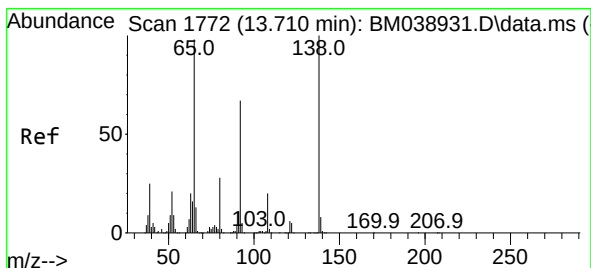
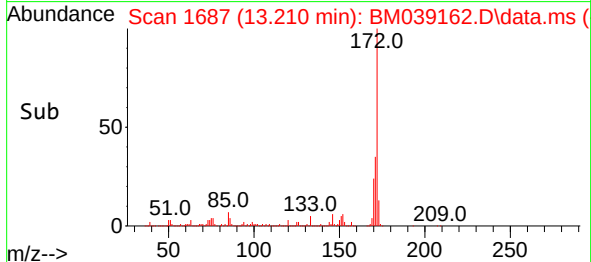
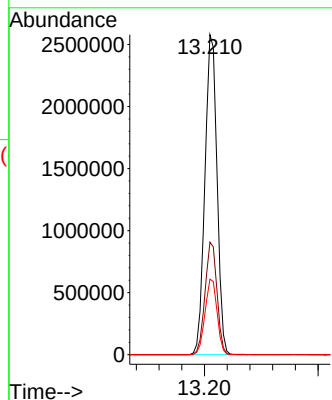
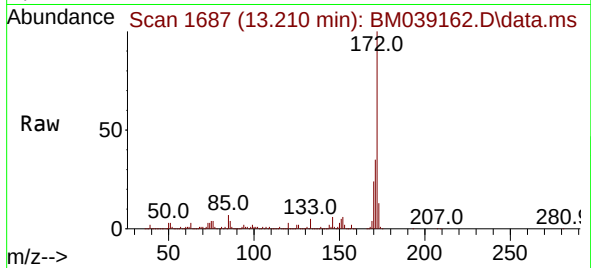




#45
2-Fluorobiphenyl
Concen: 93.809 ng
RT: 13.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

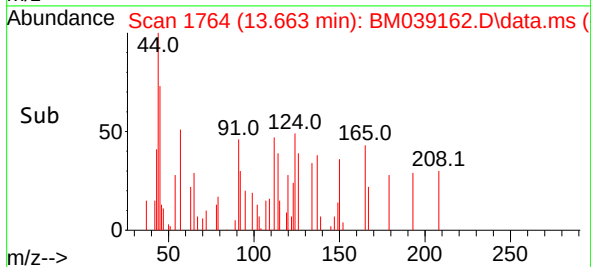
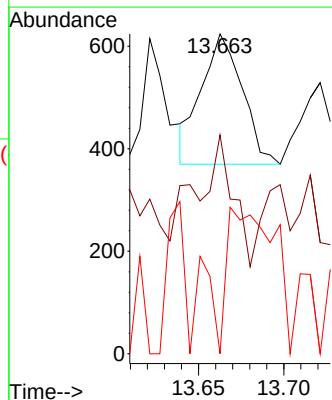
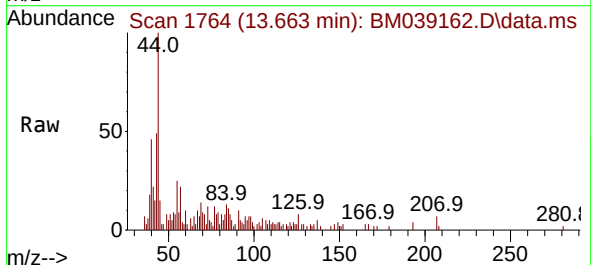
Instrument :
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ClientSampleId :
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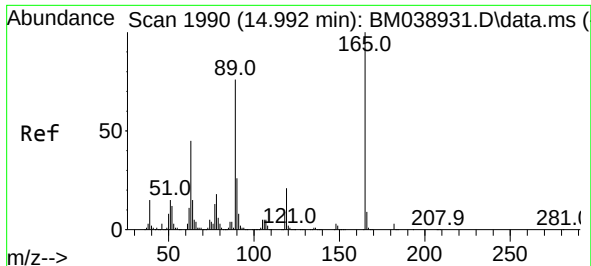
Tgt Ion:172 Resp: 3803858
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.6 19.1 28.7



#48
2-Nitroaniline
Concen: 2.253 ng
RT: 13.663 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

Tgt Ion: 65 Resp: 423
Ion Ratio Lower Upper
65 100
92 68.4 54.9 82.3
138 0.0 81.6 122.4#

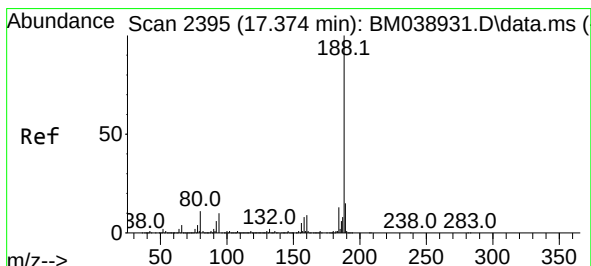
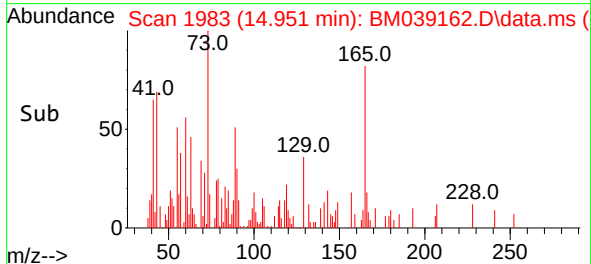
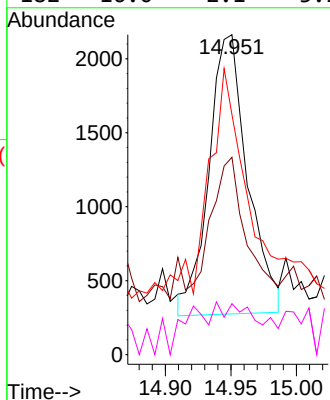
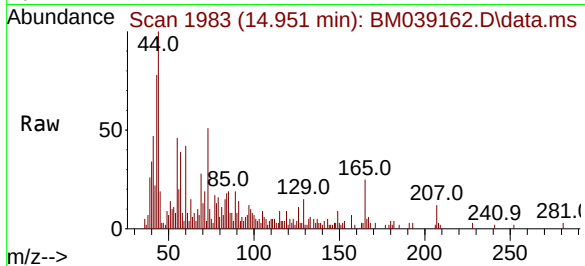




#57
2,4-Dinitrotoluene
Concen: 2.385 ng
RT: 14.951 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

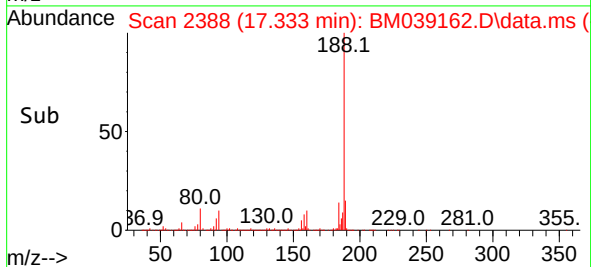
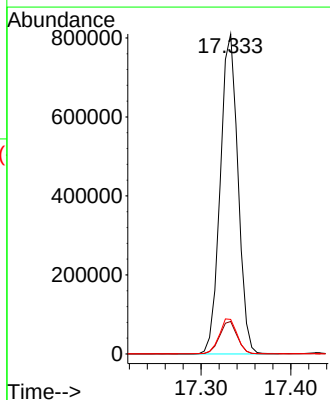
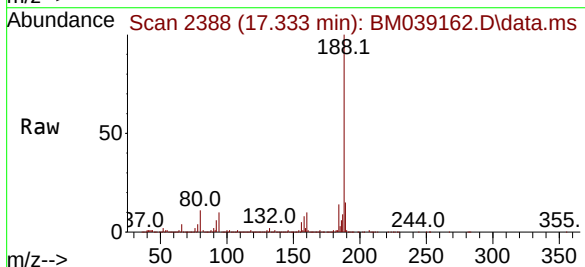
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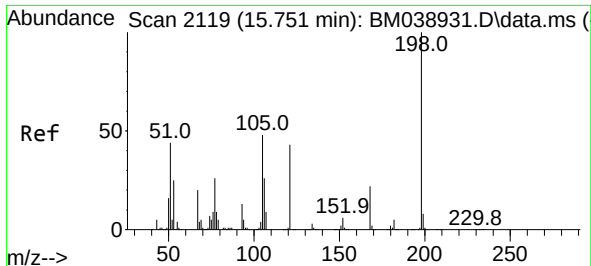
Tgt Ion:165 Resp: 3872
Ion Ratio Lower Upper
165 100
63 61.7 35.9 53.9#
89 75.0 61.0 91.6
182 16.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

Tgt Ion:188 Resp: 1109232
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.8 8.5 12.7

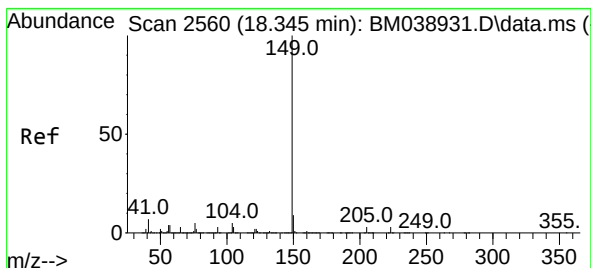
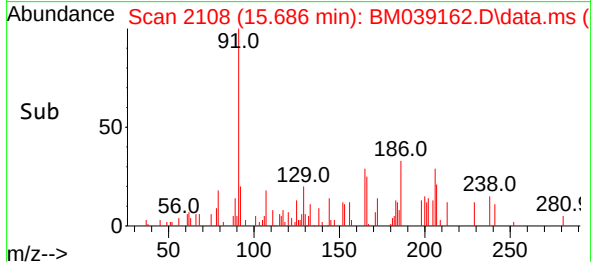
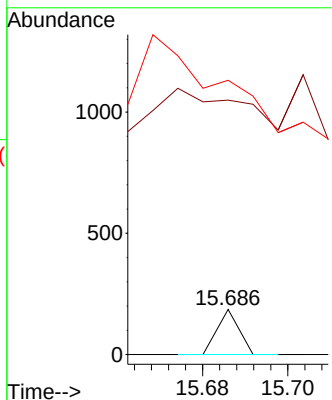
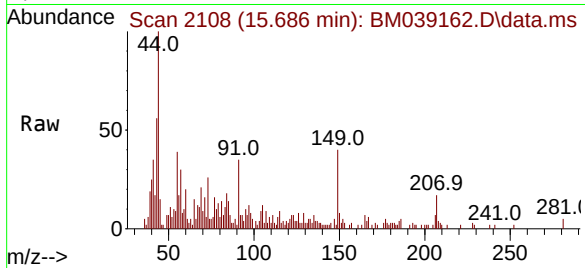




#65
4,6-Dinitro-2-methylphenol
Concen: 5.096 ng
RT: 15.686 min Scan# 2119
Delta R.T. -0.030 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

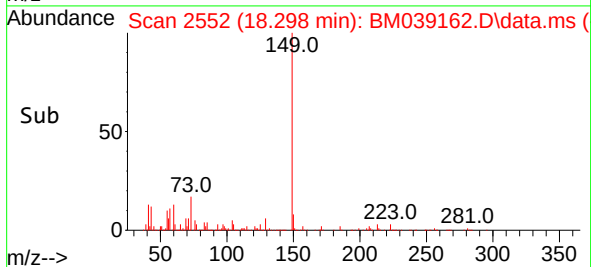
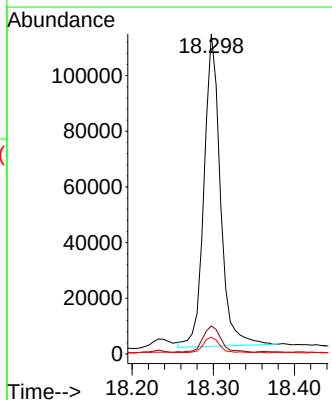
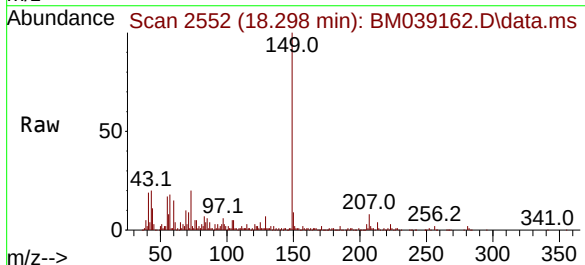
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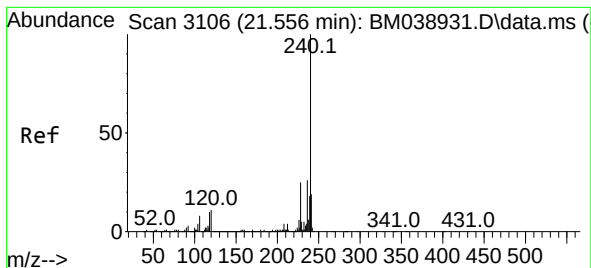
Tgt Ion:198 Resp: 66
Ion Ratio Lower Upper
198 100
51 564.0 30.1 70.1#
105 608.1 29.3 69.3#



#74
Di-n-butylphthalate
Concen: 3.889 ng
RT: 18.298 min Scan# 2552
Delta R.T. -0.006 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

Tgt Ion:149 Resp: 156928
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 5.2 4.3 6.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM039162.D

Acq: 27 Mar 2023 16:10

Instrument :

BNA_M

ClientSampleId :

UPS-01-032323

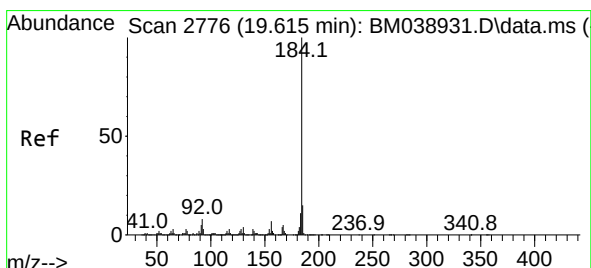
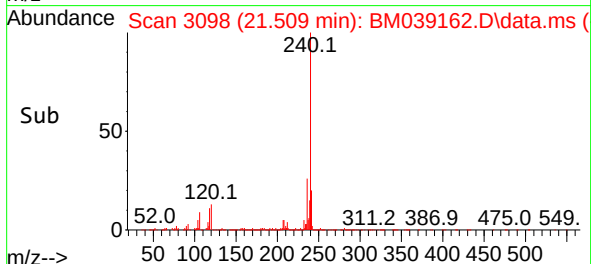
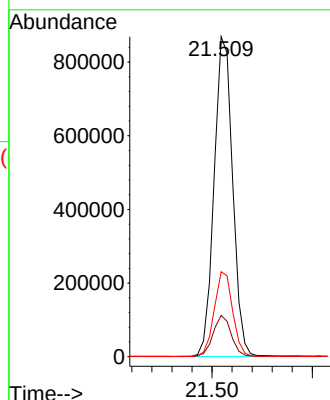
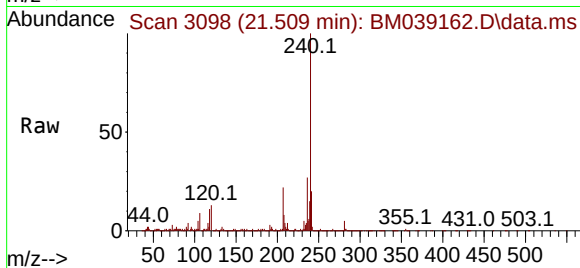
Tgt Ion:240 Resp: 1114801

Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 26.5 20.8 31.2



#77

Benzidine

Concen: 4.891 ng

RT: 19.603 min Scan# 2774

Delta R.T. 0.023 min

Lab File: BM039162.D

Acq: 27 Mar 2023 16:10

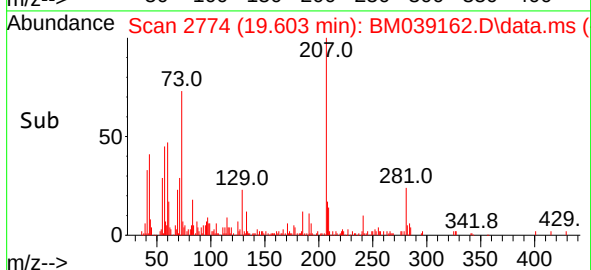
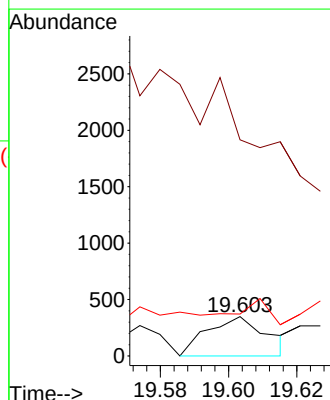
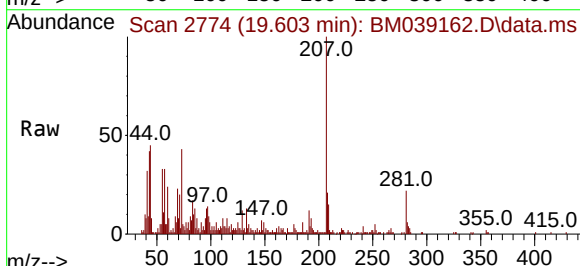
Tgt Ion:184 Resp: 424

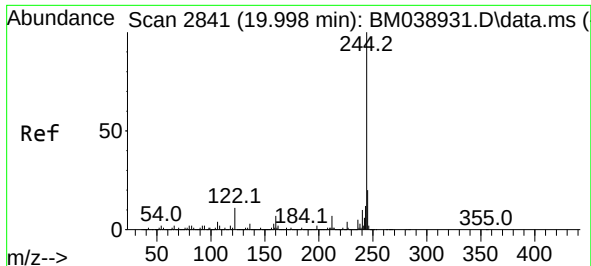
Ion Ratio Lower Upper

184 100

185 549.0 12.2 18.4#

183 106.3 8.8 13.2#

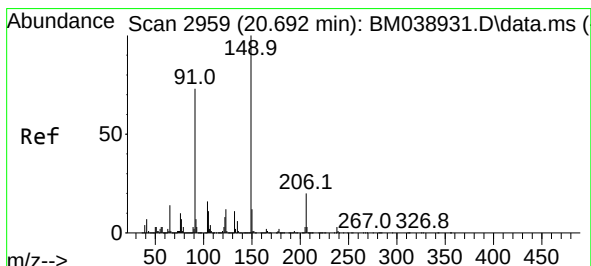
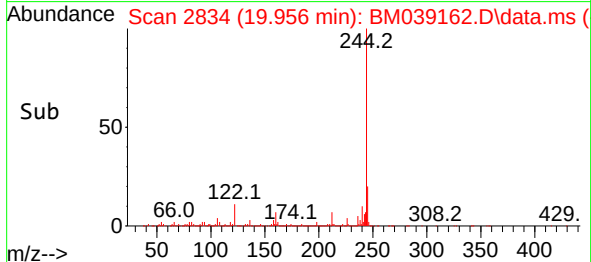
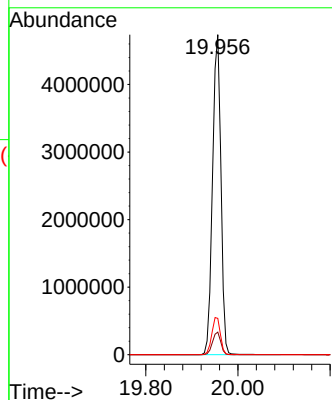
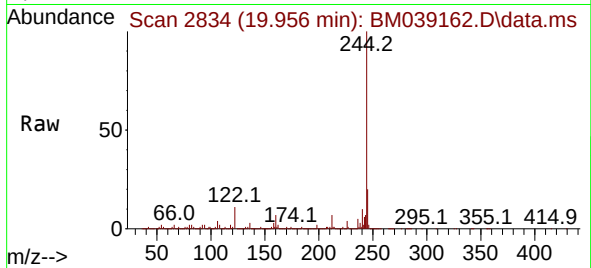




#79
 Terphenyl-d14
 Concen: 98.153 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039162.D
 Acq: 27 Mar 2023 16:10

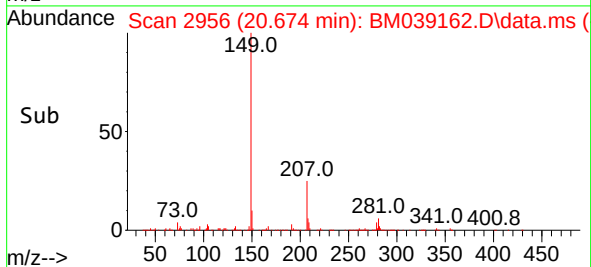
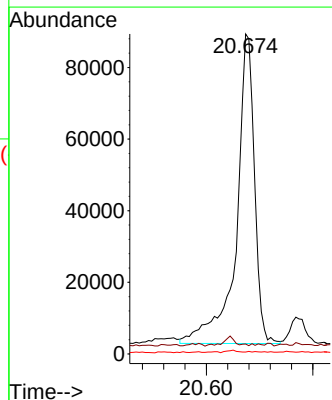
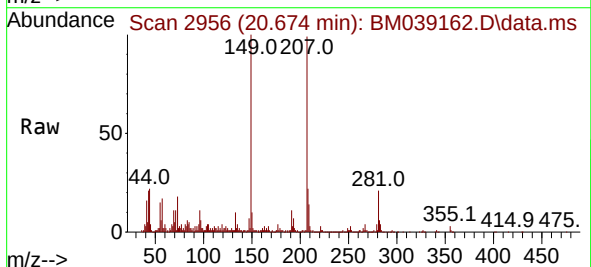
Instrument :
 BNA_M
 ClientSampleId :
 UPS-01-032323

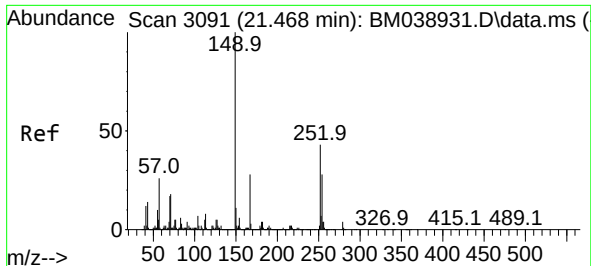
Tgt Ion:244 Resp: 5984759
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 8.643 ng
 RT: 20.674 min Scan# 2956
 Delta R.T. 0.029 min
 Lab File: BM039162.D
 Acq: 27 Mar 2023 16:10

Tgt Ion:149 Resp: 203730
 Ion Ratio Lower Upper
 149 100
 91 3.1 58.4 87.6#
 206 0.6 16.1 24.1#

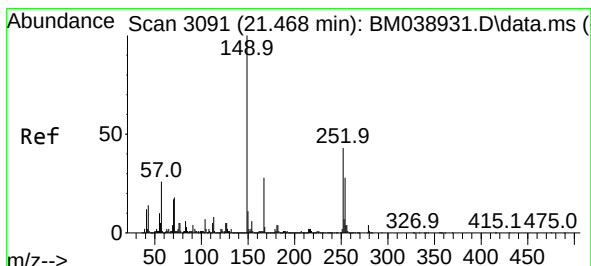
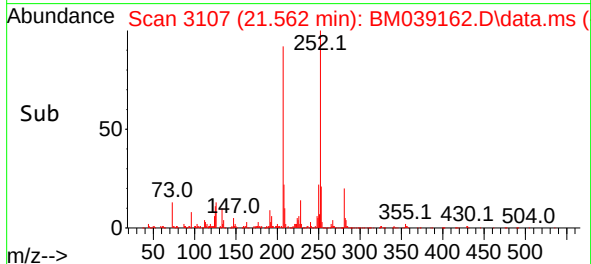
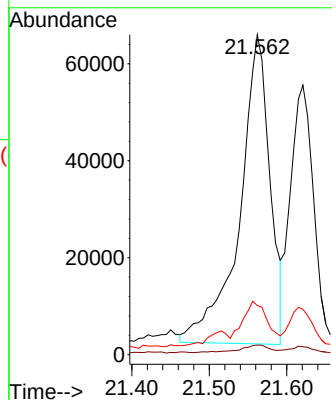
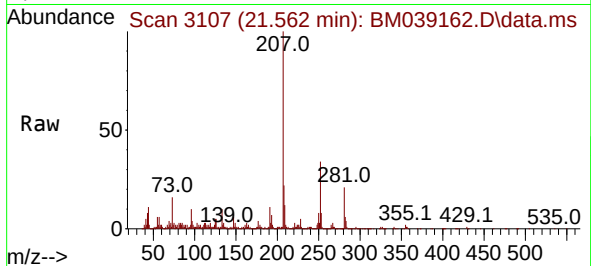




#82
3,3'-Dichlorobenzidine
Concen: 7.025 ng
RT: 21.562 min Scan# 3107
Delta R.T. 0.129 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

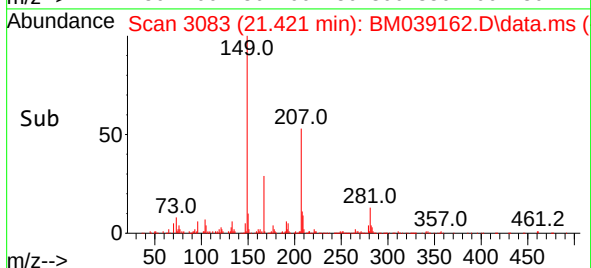
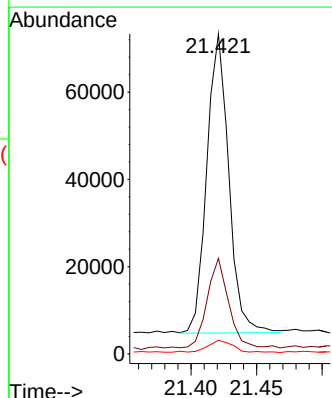
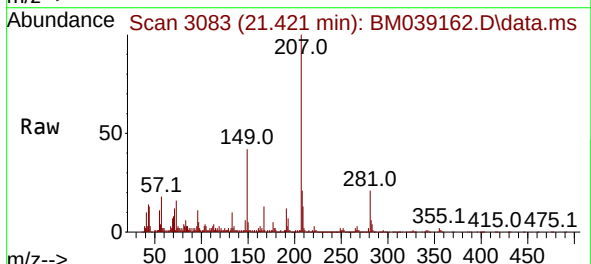
Instrument :
BNA_M
ClientSampleId :
UPS-01-032323

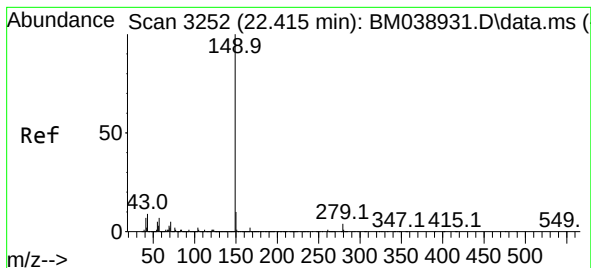
Tgt Ion:252 Resp: 173332
Ion Ratio Lower Upper
252 100
254 3.0 51.5 77.3#
126 15.4 9.9 14.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.956 ng
RT: 21.421 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM039162.D
Acq: 27 Mar 2023 16:10

Tgt Ion:149 Resp: 79861
Ion Ratio Lower Upper
149 100
167 29.9 22.3 33.5
279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 3.957 ng

RT: 22.350 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039162.D

Acq: 27 Mar 2023 16:10

Instrument :

BNA_M

ClientSampleId :

UPS-01-032323

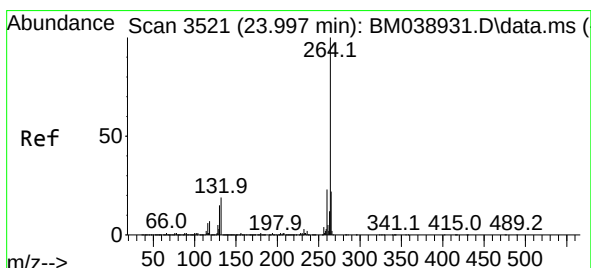
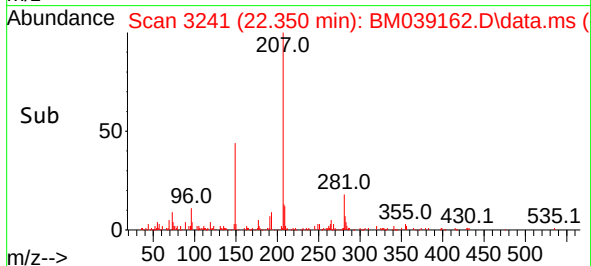
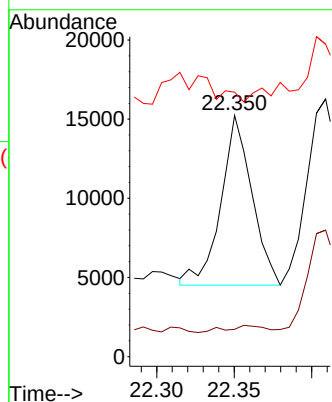
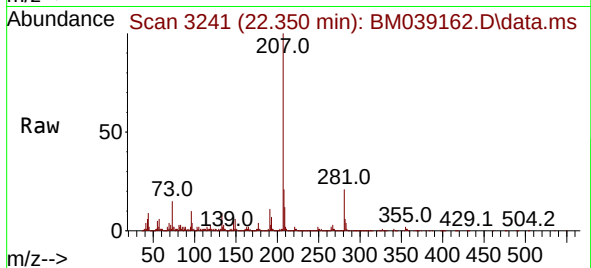
Tgt Ion:149 Resp: 14916

Ion Ratio Lower Upper

149 100

167 5.0 1.2 1.8#

43 0.0 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.932 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BM039162.D

Acq: 27 Mar 2023 16:10

Tgt Ion:264 Resp: 1336734

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.3 17.9 26.9

