

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039038.D
 Acq On : 20 Mar 2023 11:01
 Operator : CG/JU
 Sample : PB151373BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151373BL

Quant Time: Mar 21 04:04:40 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 17 05:25:34 2023
 Response via : Initial Calibration

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

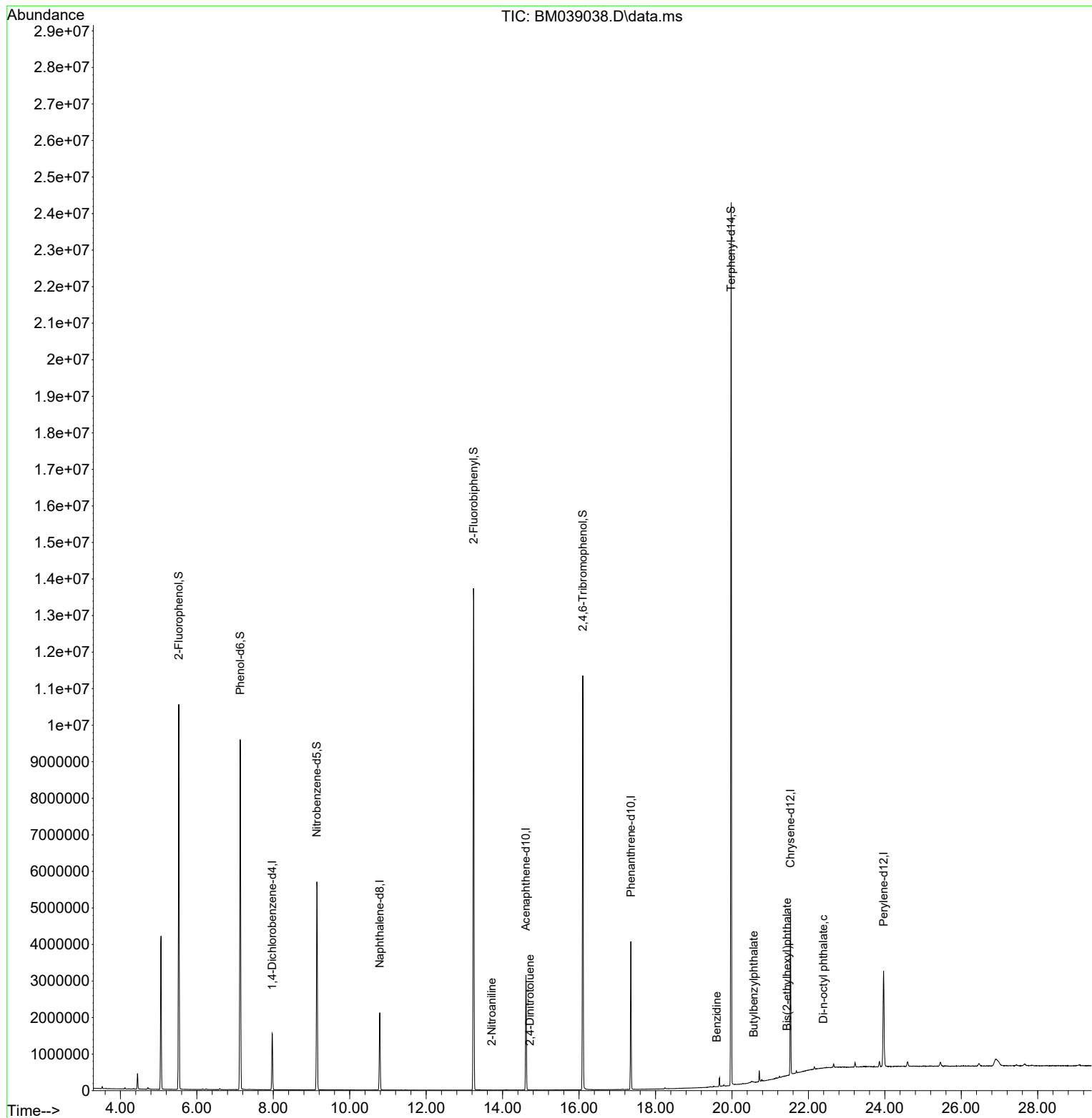
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	400371	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1651601	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	1011435	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	2206476	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1892059	20.000	ng	0.00
86) Perylene-d12	23.968	264	1832663	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	4301096	163.214	ng	0.00
7) Phenol-d6	7.134	99	5444555	159.061	ng	0.00
23) Nitrobenzene-d5	9.139	82	3265558	97.122	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1845768	157.749	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	6882204	88.579	ng	0.00
79) Terphenyl-d14	19.980	244	10689473	103.294	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.716	65	77	2.219	ng	# 6
57) 2,4-Dinitrotoluene	14.716	165	65	2.074	ng	# 20
77) Benzidine	19.603	184	205	4.881	ng	# 67
80) Butylbenzylphthalate	20.568	149	313	3.321	ng	# 98
84) Bis(2-ethylhexyl)phtha...	21.445	149	3160	2.519	ng	# 83
85) Di-n-octyl phthalate	22.392	149	711	3.801	ng	# 1

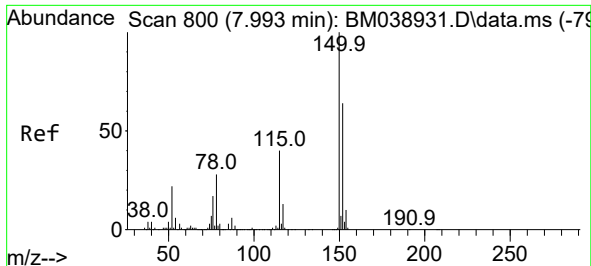
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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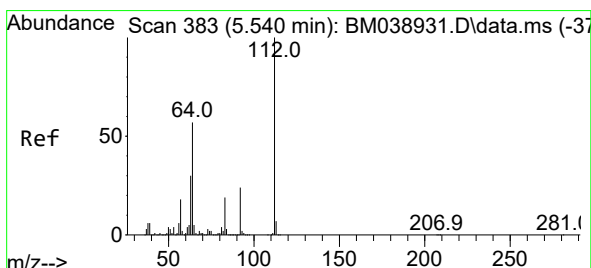
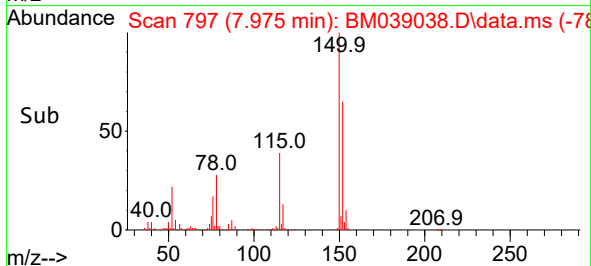
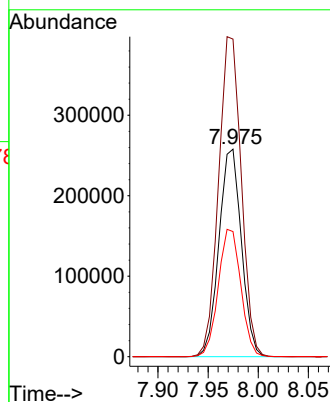
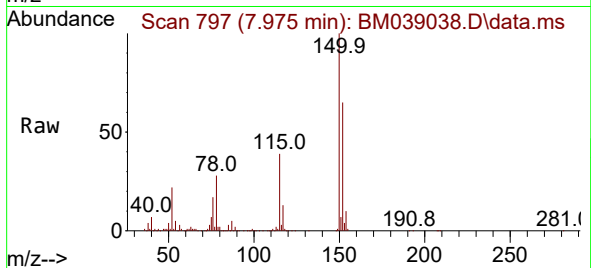




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

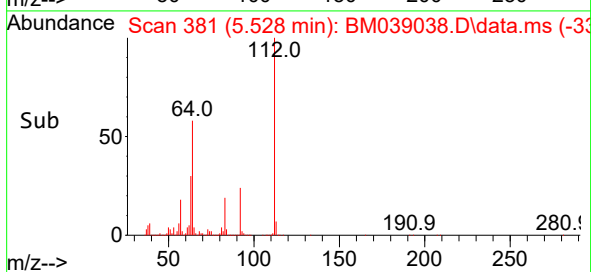
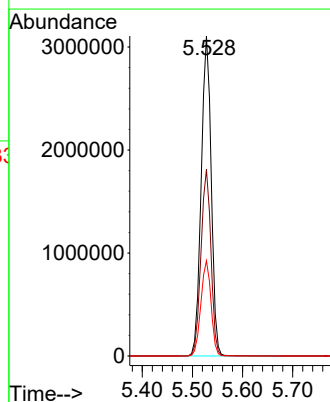
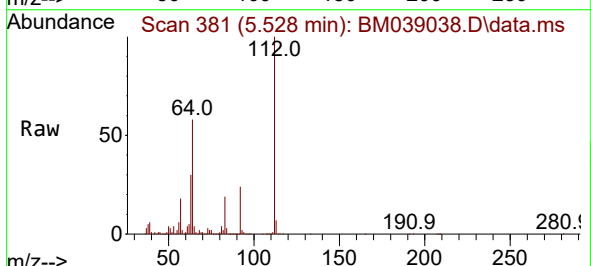
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BNA_M
ClientSampleId :
PB151373BL

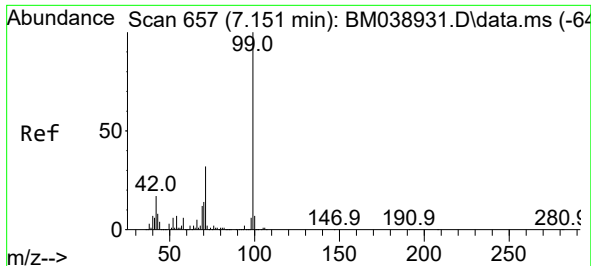
Tgt Ion:152 Resp: 400371
Ion Ratio Lower Upper
152 100
150 153.0 125.1 187.7
115 60.3 49.6 74.4



#5
2-Fluorophenol
Concen: 163.214 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

Tgt Ion:112 Resp: 4301096
Ion Ratio Lower Upper
112 100
64 58.3 45.9 68.9
63 29.8 23.8 35.8

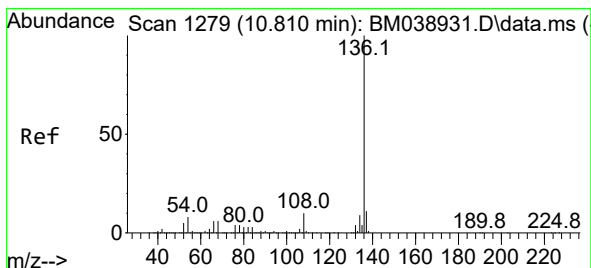
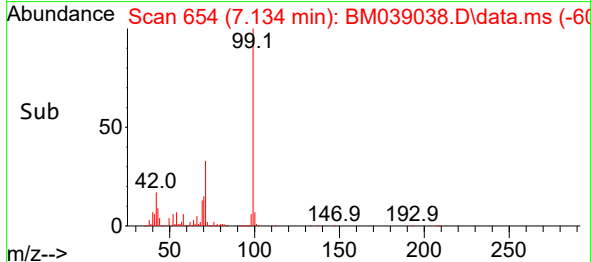
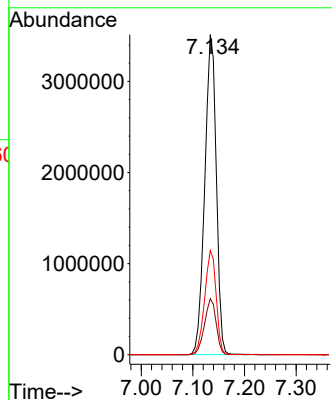
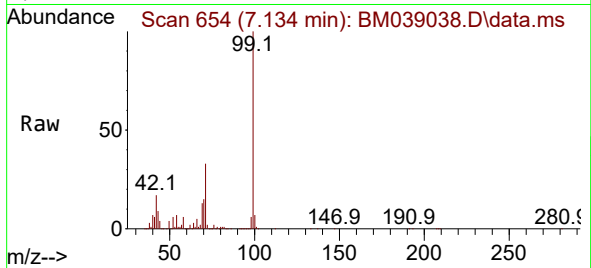




#7
Phenol-d6
Concen: 159.061 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

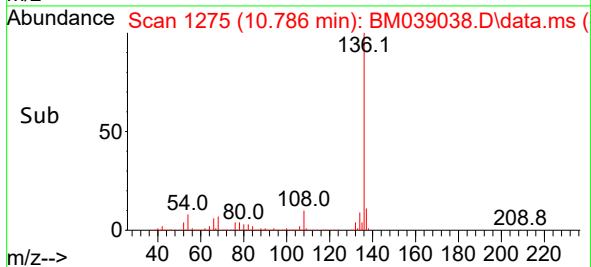
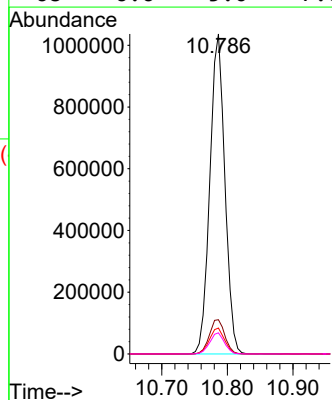
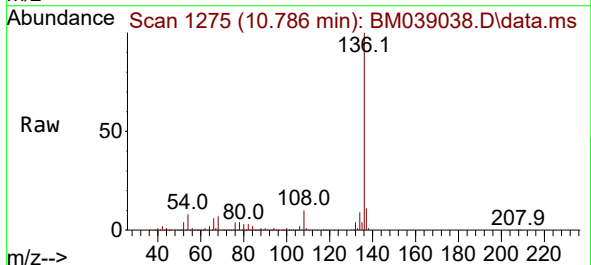
Instrument :
BNA_M
ClientSampleId :
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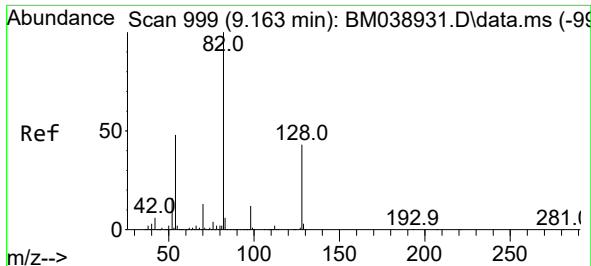
Tgt Ion: 99 Resp: 5444555
Ion Ratio Lower Upper
99 100
42 17.5 13.5 20.3
71 32.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

Tgt Ion: 136 Resp: 1651601
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.1 6.3 9.5
68 6.6 5.0 7.6

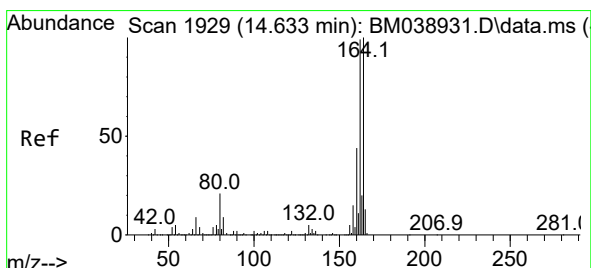
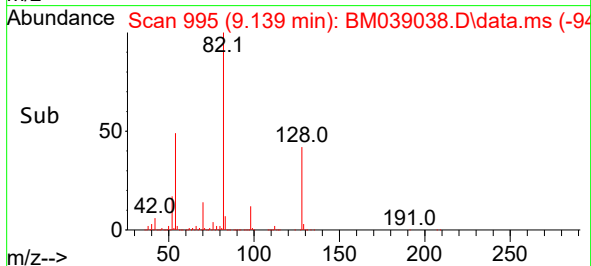
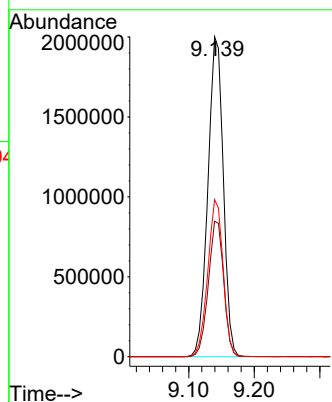
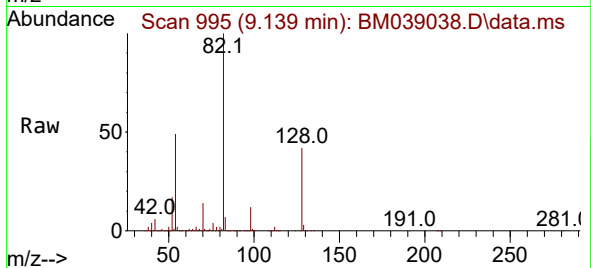




#23
Nitrobenzene-d5
Concen: 97.122 ng
RT: 9.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

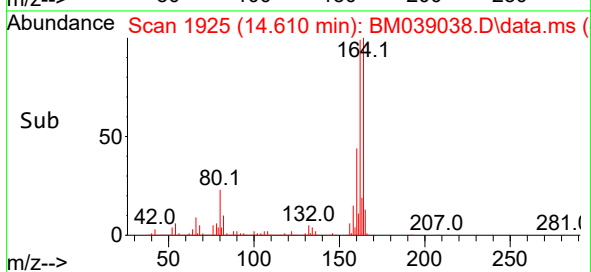
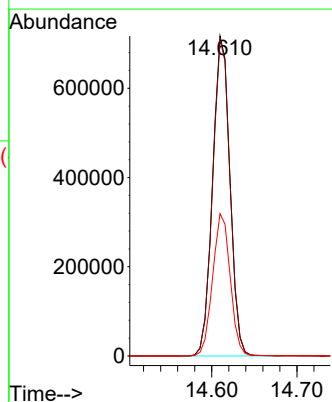
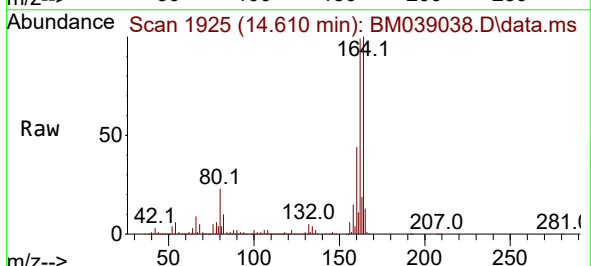
Instrument :
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ClientSampleId :
PB151373BL

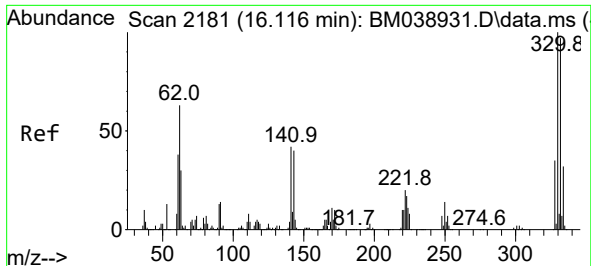
Tgt Ion: 82 Resp: 3265558
Ion Ratio Lower Upper
82 100
128 42.3 34.4 51.6
54 49.1 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

Tgt Ion:164 Resp: 1011435
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 44.5 35.5 53.3

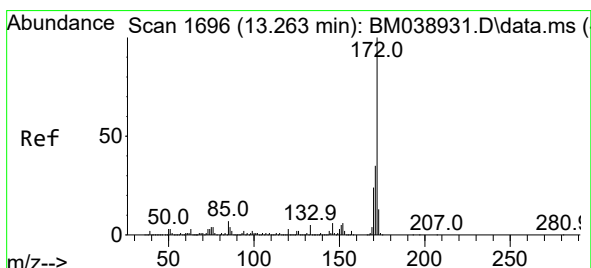
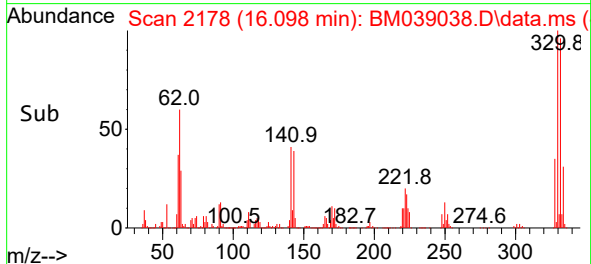
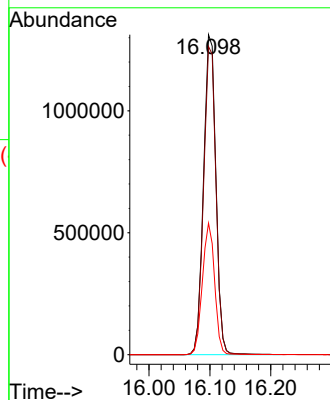
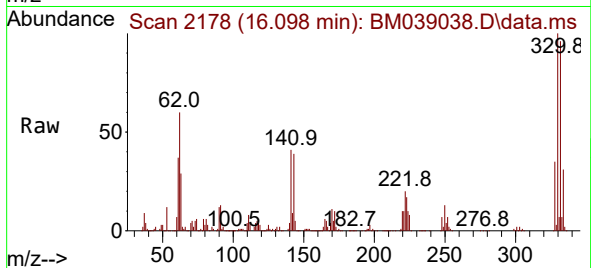




#42
2,4,6-Tribromophenol
Concen: 157.749 ng
RT: 16.098 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

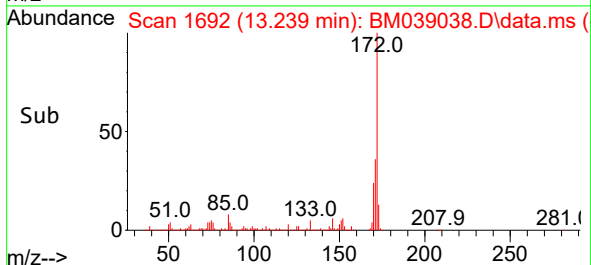
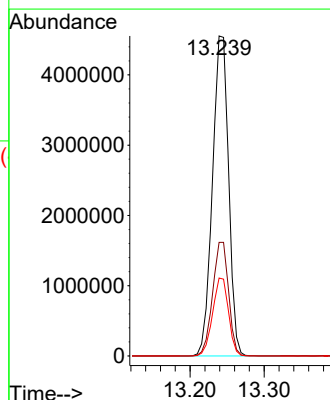
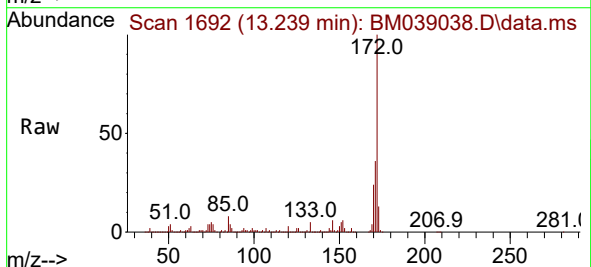
Instrument :
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ClientSampleId :
PB151373BL

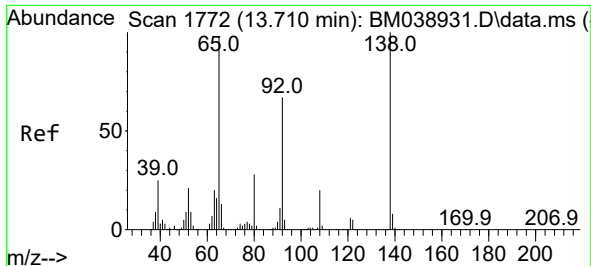
Tgt Ion:330 Resp: 1845768
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 40.8 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 88.579 ng
RT: 13.239 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

Tgt Ion:172 Resp: 6882204
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 24.4 19.1 28.7

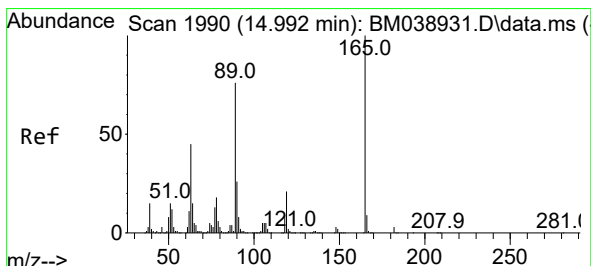
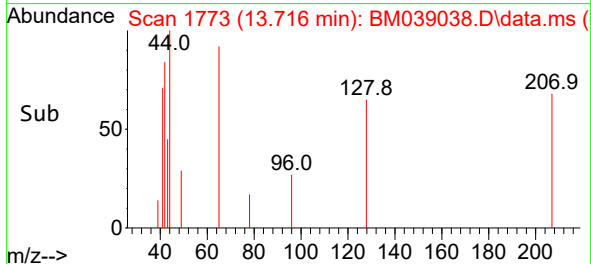
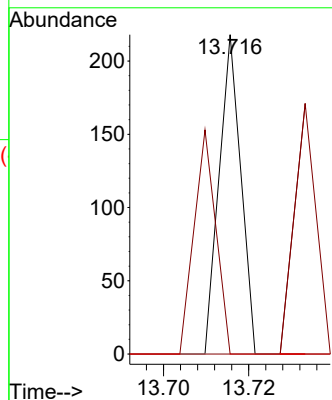
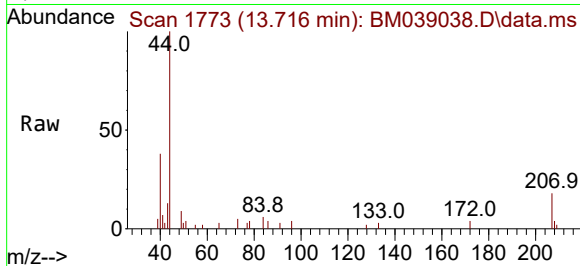




#48
2-Nitroaniline
Concen: 2.219 ng
RT: 13.716 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

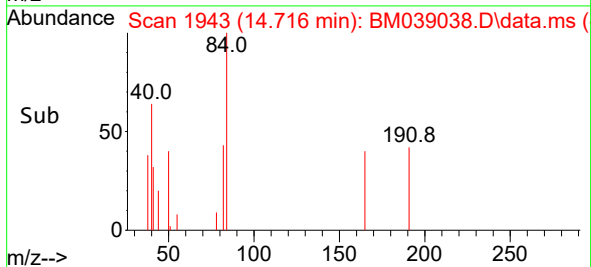
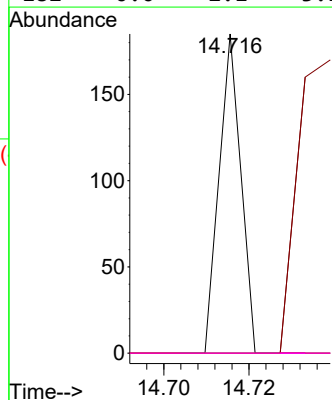
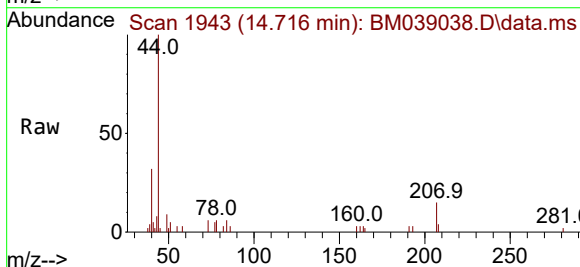
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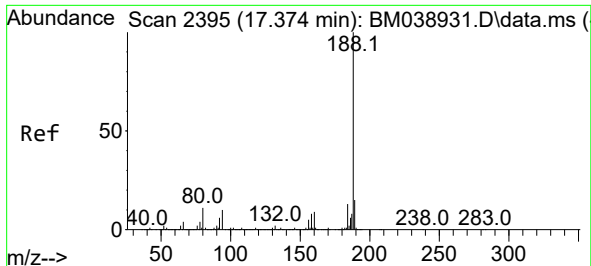
Tgt Ion: 65 Resp: 77
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#



#57
2,4-Dinitrotoluene
Concen: 2.074 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.259 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

Tgt Ion: 165 Resp: 65
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#

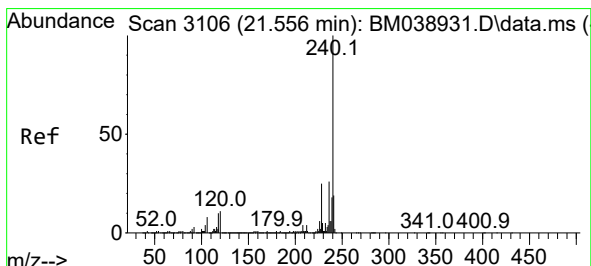
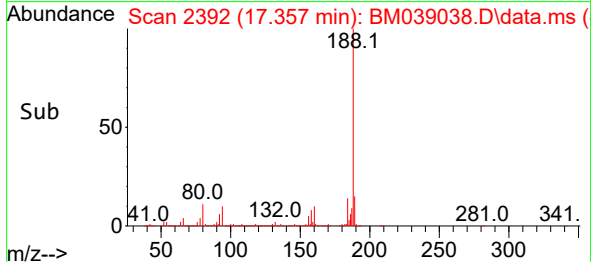
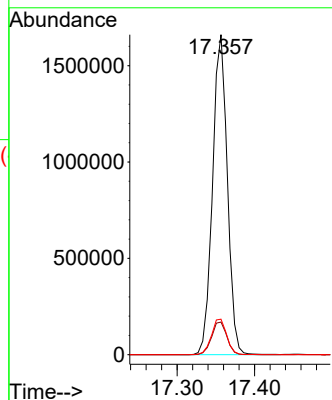
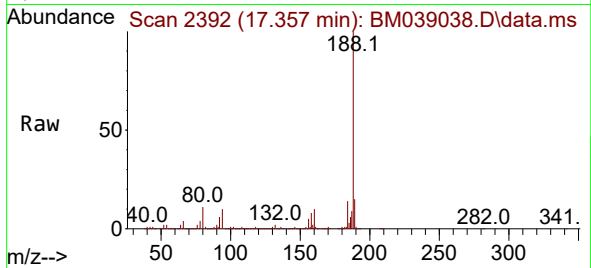




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

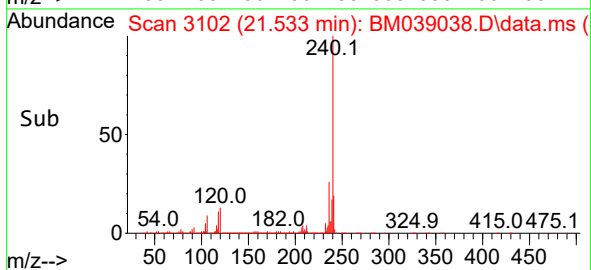
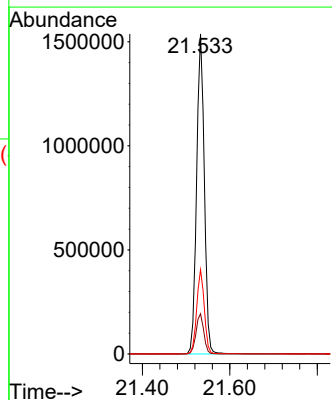
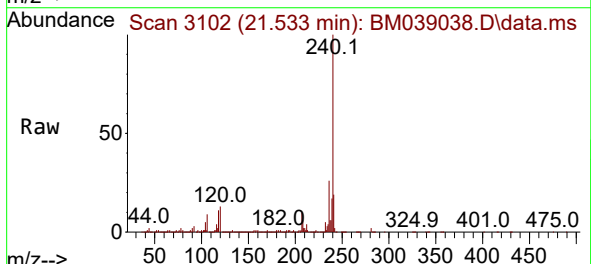
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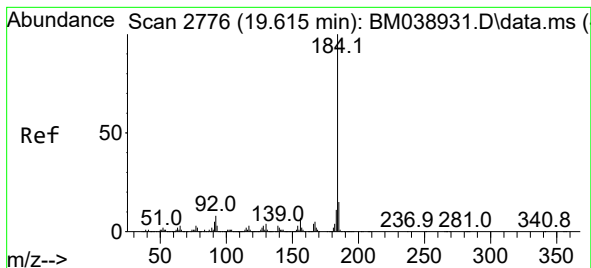
Tgt Ion:188 Resp: 2206476
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.1 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

Tgt Ion:240 Resp: 1892059
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 26.4 20.8 31.2





#77

Benzidine

Concen: 4.881 ng

RT: 19.603 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039038.D

Acq: 20 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151373BL

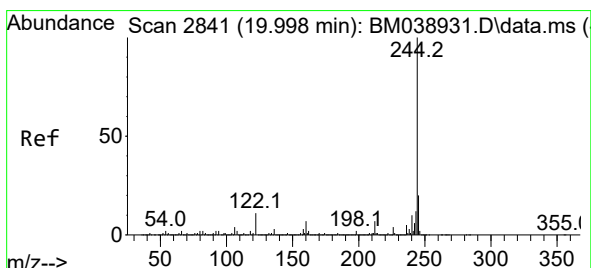
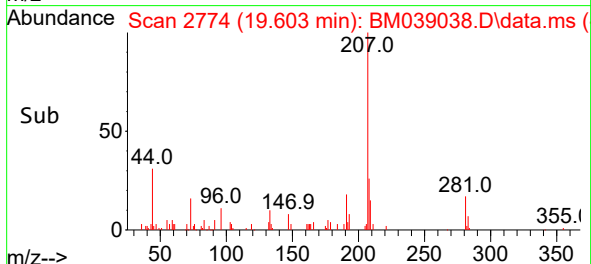
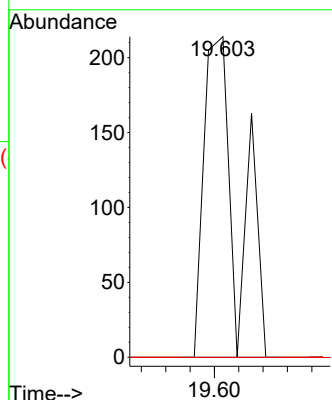
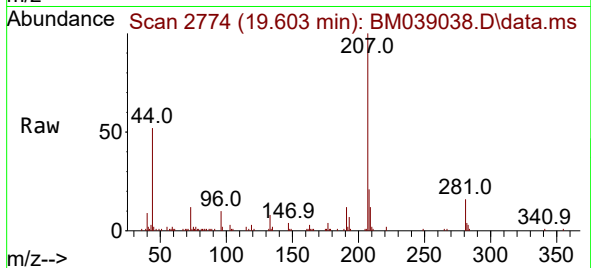
Tgt Ion:184 Resp: 205

Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.4#

183 0.0 8.8 13.2#



#79

Terphenyl-d14

Concen: 103.294 ng

RT: 19.980 min Scan# 2838

Delta R.T. 0.000 min

Lab File: BM039038.D

Acq: 20 Mar 2023 11:01

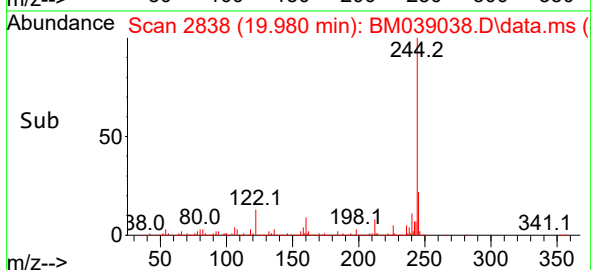
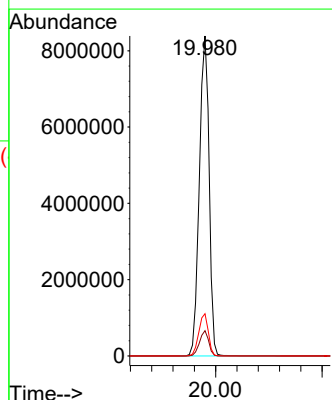
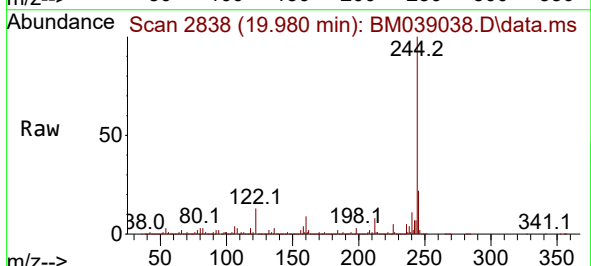
Tgt Ion:244 Resp:10689473

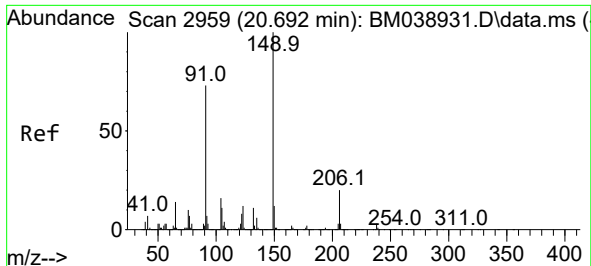
Ion Ratio Lower Upper

244 100

212 7.9 5.5 8.3

122 13.2 9.0 13.4

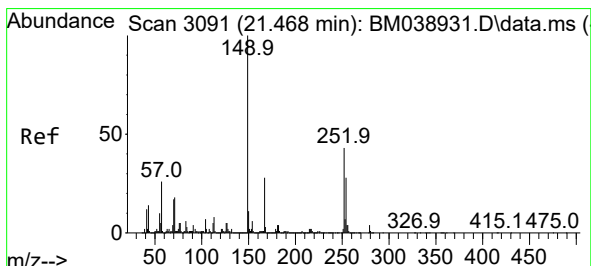
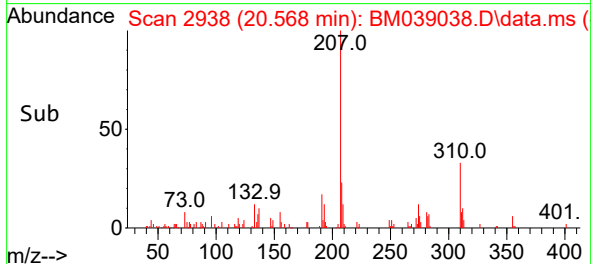
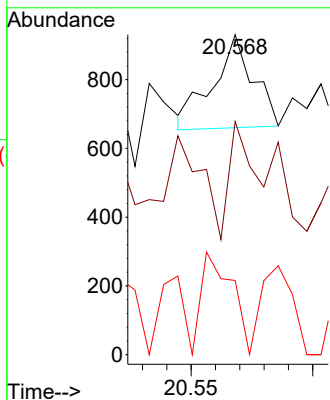
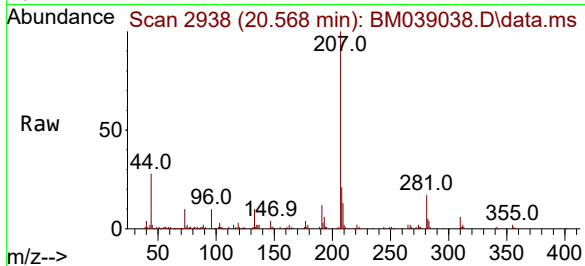




#80
Butylbenzylphthalate
Concen: 3.321 ng
RT: 20.568 min Scan# 2959
Delta R.T. -0.106 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

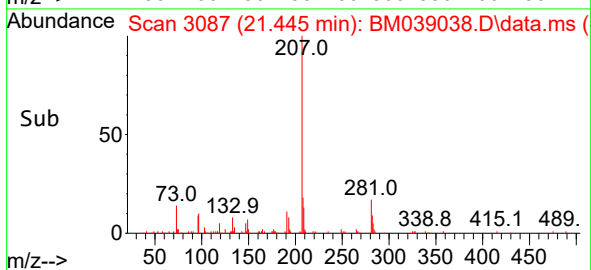
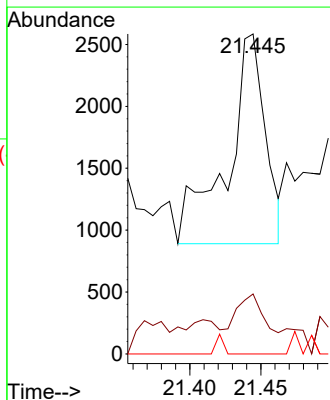
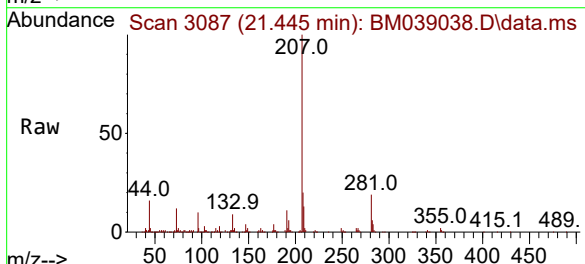
Instrument :
BNA_M
ClientSampleId :
PB151373BL

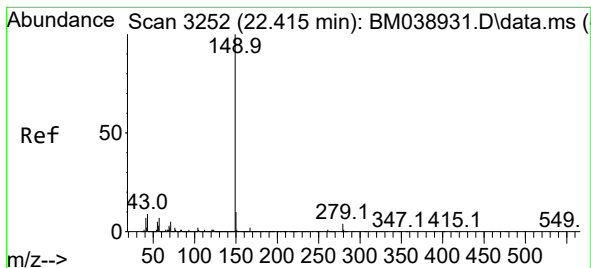
Tgt Ion:149 Resp: 313
Ion Ratio Lower Upper
149 100
91 72.8 58.4 87.6
206 23.2 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.519 ng
RT: 21.445 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BM039038.D
Acq: 20 Mar 2023 11:01

Tgt Ion:149 Resp: 3160
Ion Ratio Lower Upper
149 100
167 18.8 22.3 33.5#
279 0.0 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 3.801 ng

RT: 22.392 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039038.D

Acq: 20 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151373BL

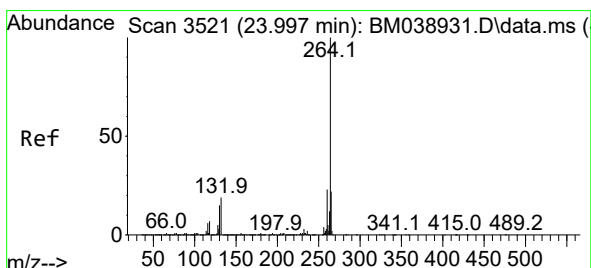
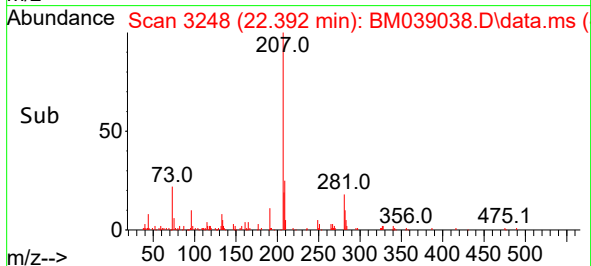
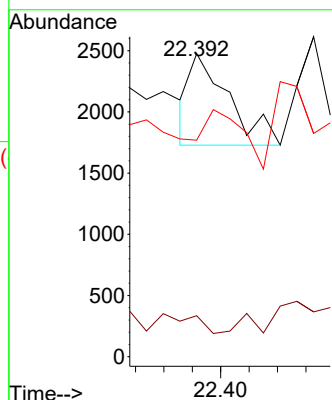
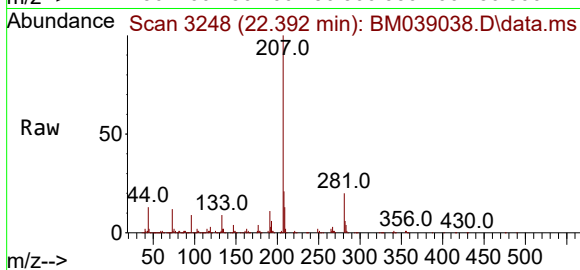
Tgt Ion:149 Resp: 711

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 59.5 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BM039038.D

Acq: 20 Mar 2023 11:01

Tgt Ion:264 Resp: 1832663

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.8 17.9 26.9

