

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039113.D
 Acq On : 23 Mar 2023 11:30
 Operator : CG/JU
 Sample : PB151425TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151425TB

Quant Time: Mar 24 04:29:04 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)

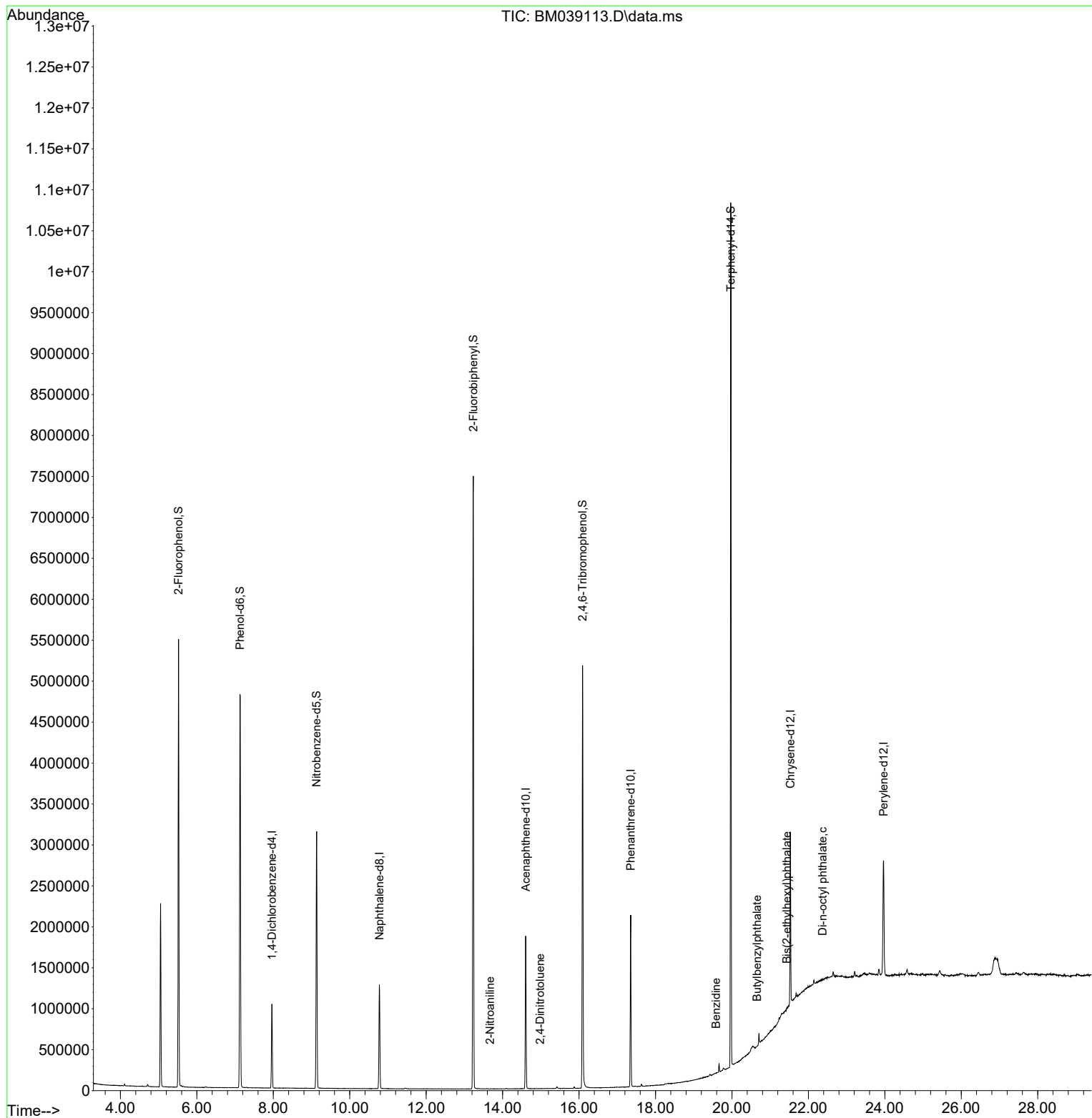
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	268003	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1060854	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	614276	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1214496	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1002774	20.000	ng	0.00
86) Perylene-d12	23.968	264	1051686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2400562	136.086	ng	0.00
7) Phenol-d6	7.128	99	2973821	129.790	ng	0.00
23) Nitrobenzene-d5	9.134	82	1819536	84.250	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	955076	134.400	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	3870595	82.027	ng	0.00
79) Terphenyl-d14	19.974	244	5163181	94.139	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.674	65	127	2.225	ng	# 6
57) 2,4-Dinitrotoluene	14.980	165	55	2.075	ng	# 52
77) Benzidine	19.586	184	588	4.899	ng	# 1
80) Butylbenzylphthalate	20.656	149	378	3.327	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.439	149	4447	2.576	ng	# 94
85) Di-n-octyl phthalate	22.374	149	3313	3.836	ng	# 49

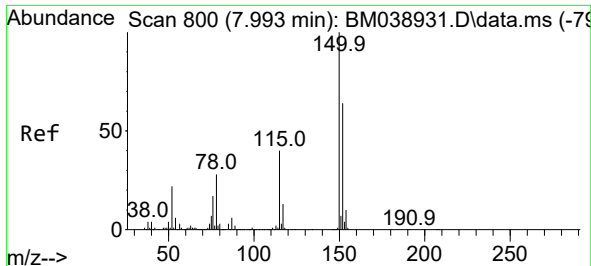
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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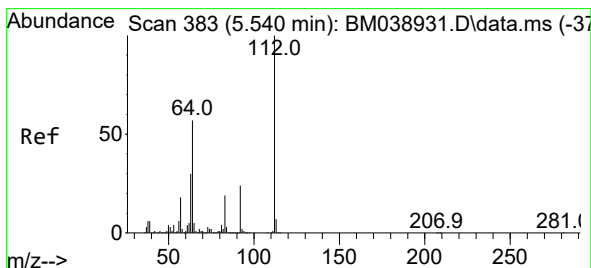
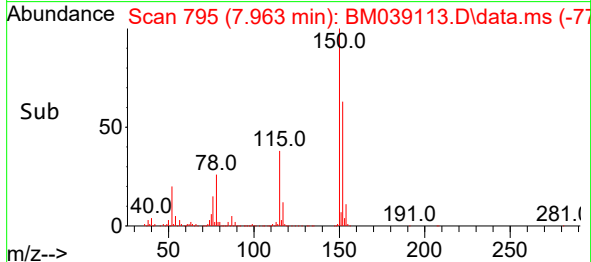
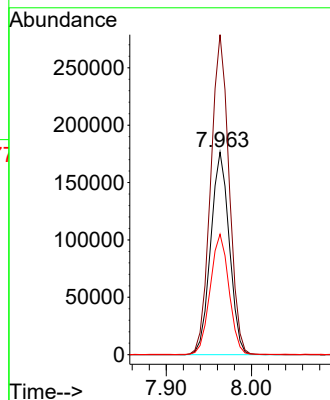
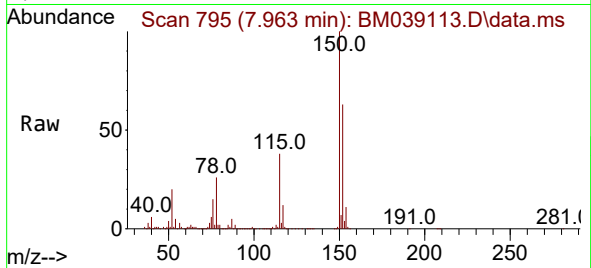




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

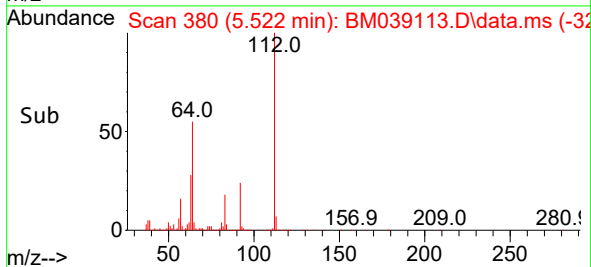
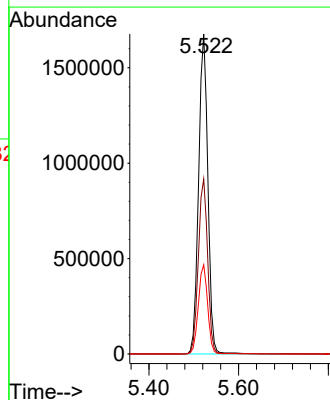
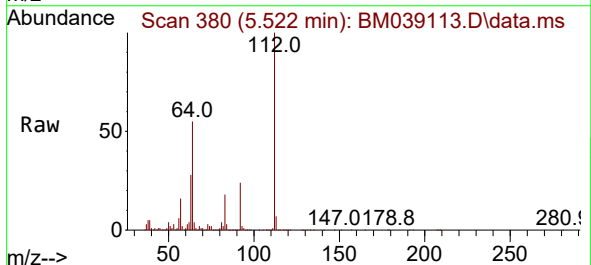
Instrument :
BNA_M
ClientSampleId :
PB151425TB

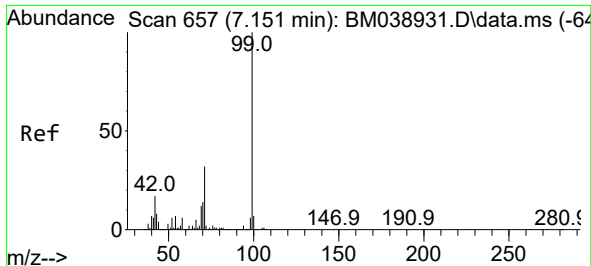
Tgt Ion:152 Resp: 268003
Ion Ratio Lower Upper
152 100
150 158.0 125.1 187.7
115 59.5 49.6 74.4



#5
2-Fluorophenol
Concen: 136.086 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

Tgt Ion:112 Resp: 2400562
Ion Ratio Lower Upper
112 100
64 54.7 45.9 68.9
63 27.9 23.8 35.8



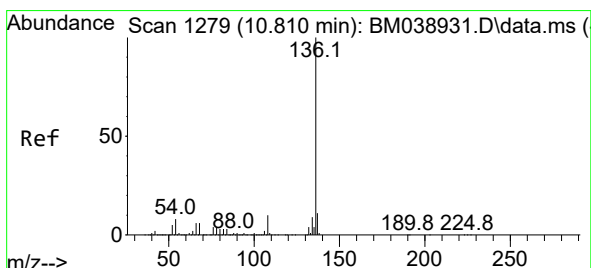
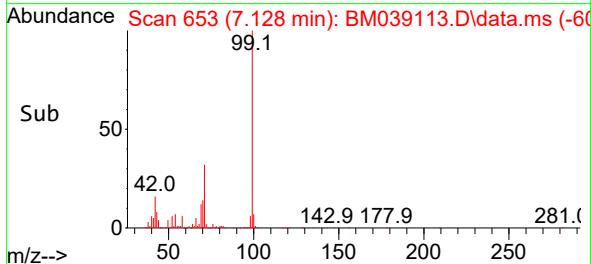
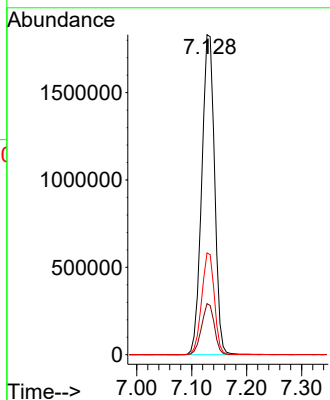
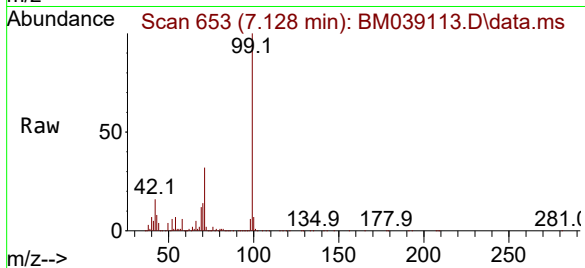


#7
Phenol-d6
Concen: 129.790 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

Instrument :
BNA_M
ClientSampleId :
PB151425TB

Tgt Ion: 99 Resp: 2973821

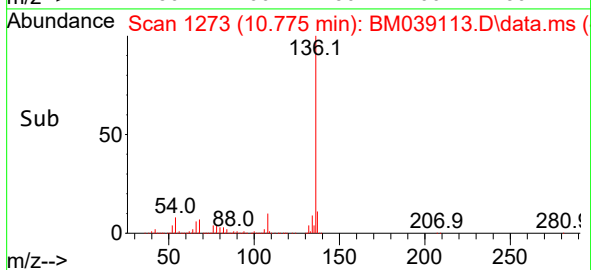
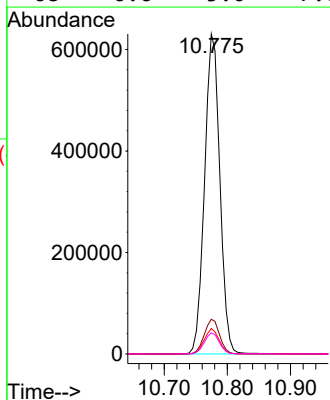
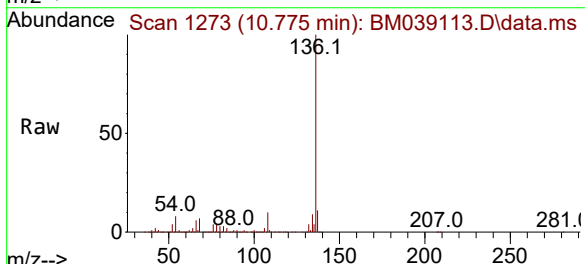
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.8	25.6	38.4

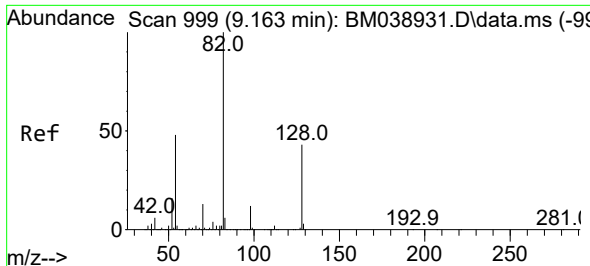


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

Tgt Ion: 136 Resp: 1060854

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.0	6.3	9.5
68	6.6	5.0	7.6

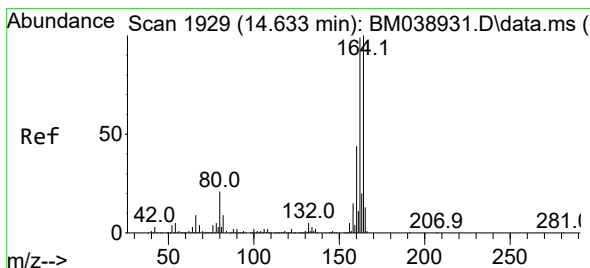
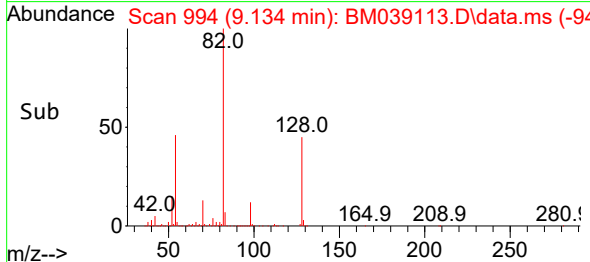
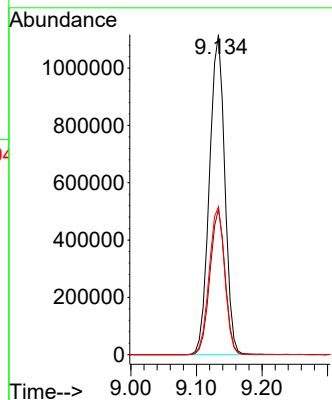
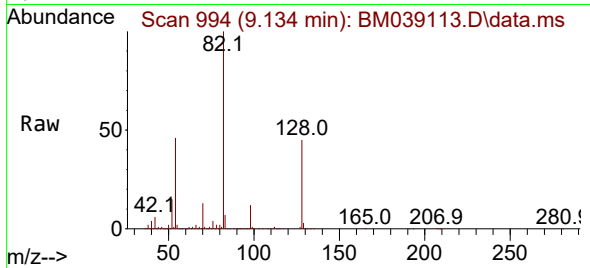




#23
Nitrobenzene-d5
Concen: 84.250 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

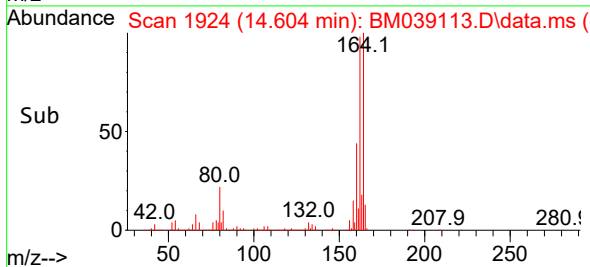
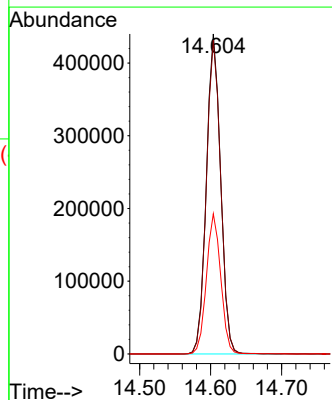
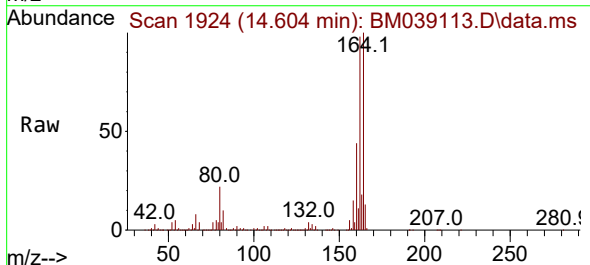
Instrument :
BNA_M
ClientSampleId :
PB151425TB

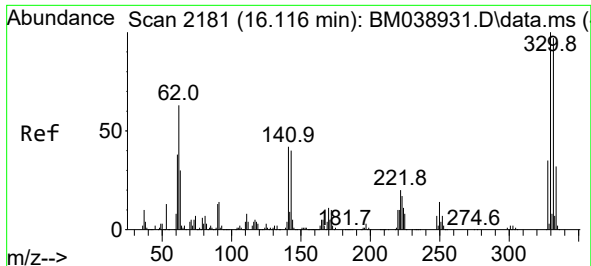
Tgt Ion: 82 Resp: 1819536
Ion Ratio Lower Upper
82 100
128 45.5 34.4 51.6
54 46.3 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

Tgt Ion:164 Resp: 614276
Ion Ratio Lower Upper
164 100
162 98.0 79.2 118.8
160 43.8 35.5 53.3

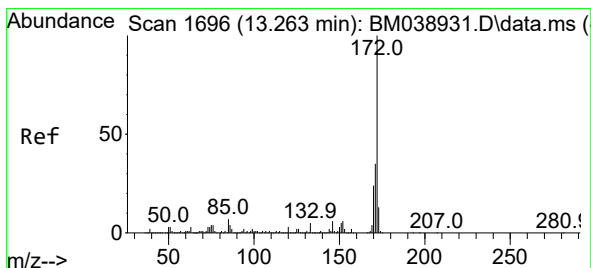
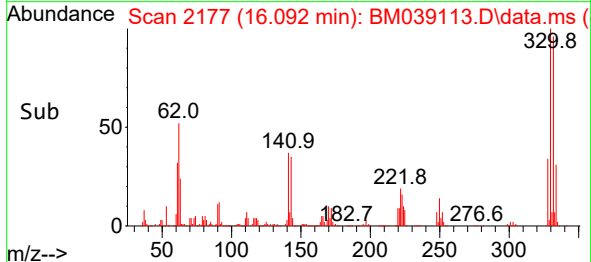
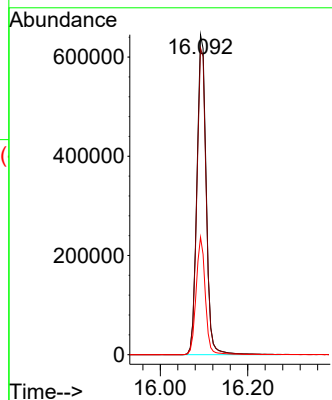
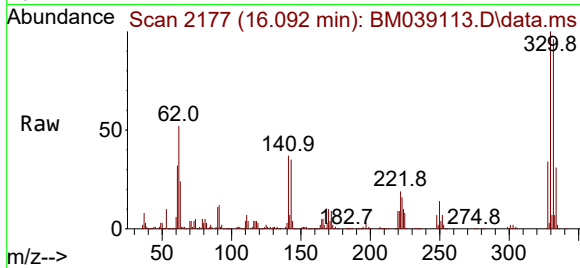




#42
2,4,6-Tribromophenol
Concen: 134.400 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

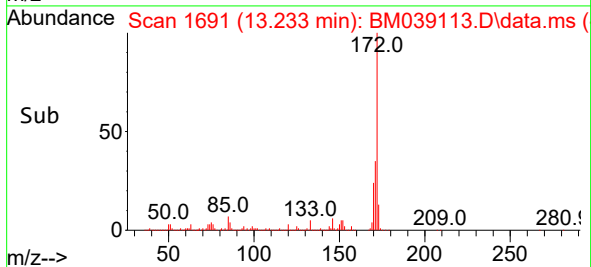
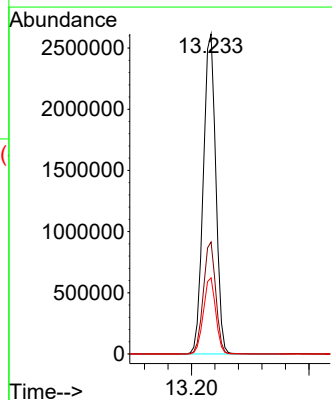
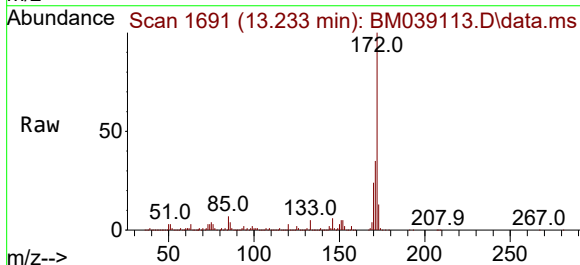
Instrument :
BNA_M
ClientSampleId :
PB151425TB

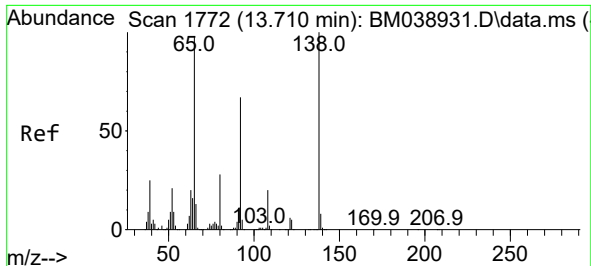
Tgt Ion:330 Resp: 955076
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 36.2 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 82.027 ng
RT: 13.233 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

Tgt Ion:172 Resp: 3870595
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.8 19.1 28.7

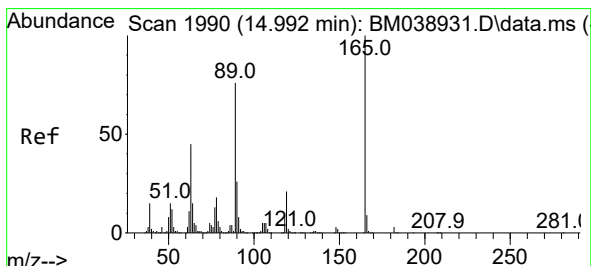
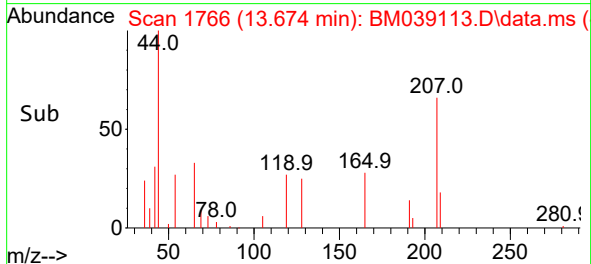
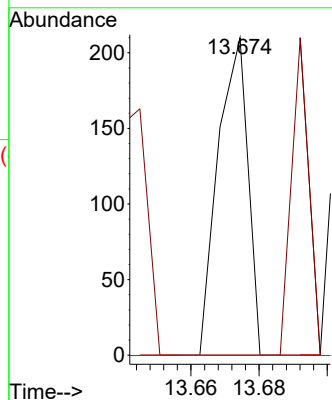
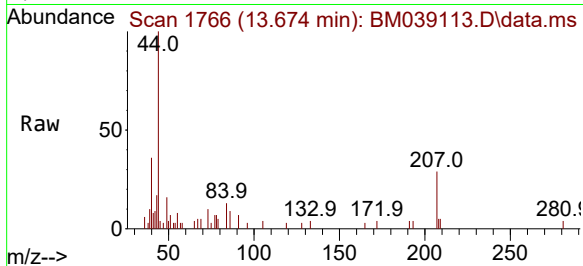




#48
2-Nitroaniline
Concen: 2.225 ng
RT: 13.674 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

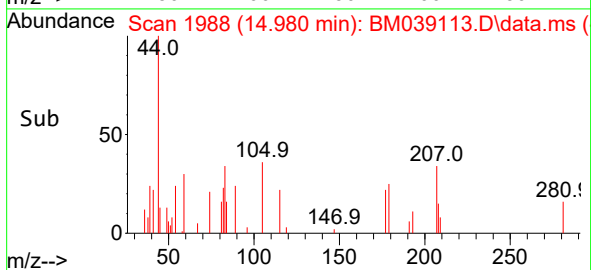
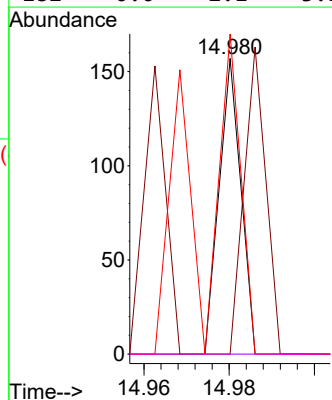
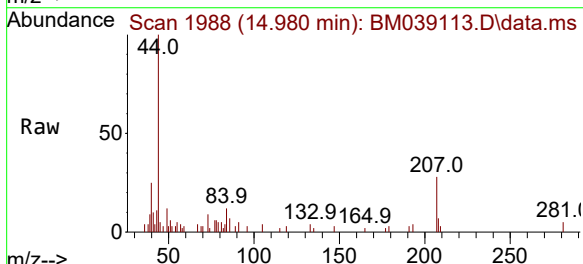
Instrument :
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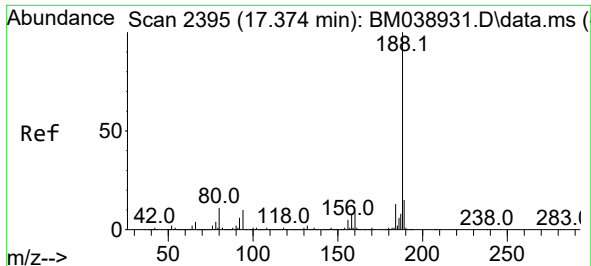
Tgt Ion: 65 Resp: 127
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#



#57
2,4-Dinitrotoluene
Concen: 2.075 ng
RT: 14.980 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

Tgt Ion: 165 Resp: 55
Ion Ratio Lower Upper
165 100
63 0.0 35.9 53.9#
89 108.3 61.0 91.6#
182 0.0 2.1 3.1#

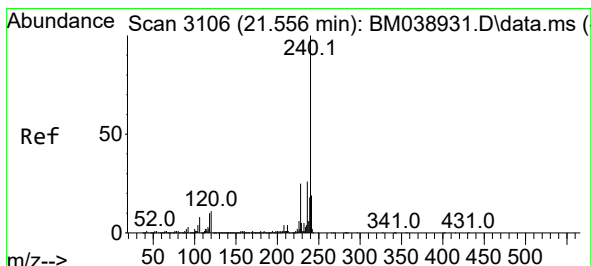
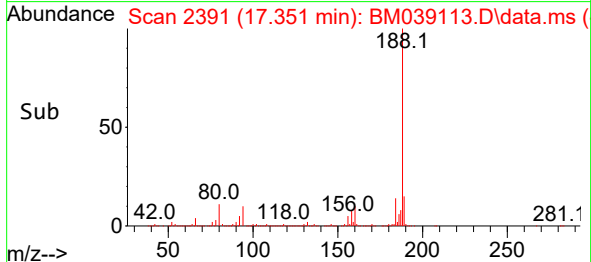
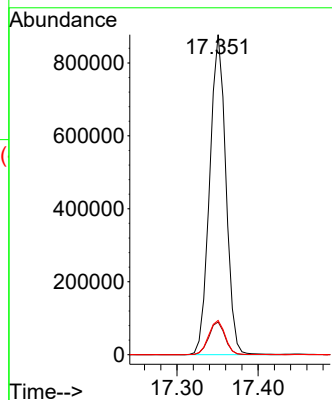
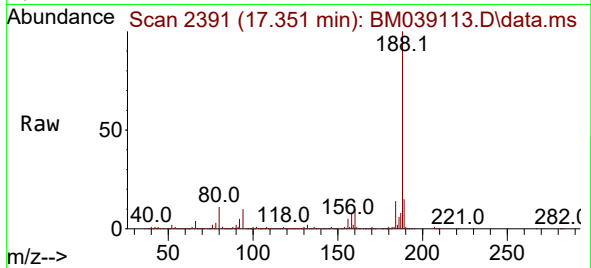




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

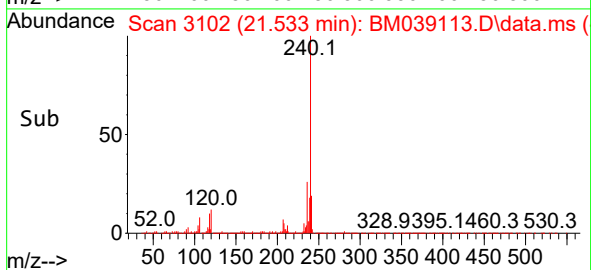
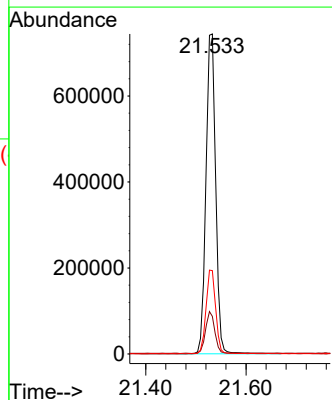
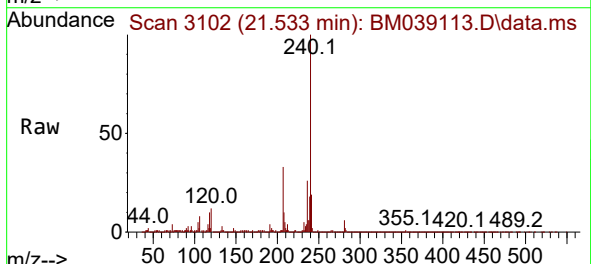
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ClientSampleId :
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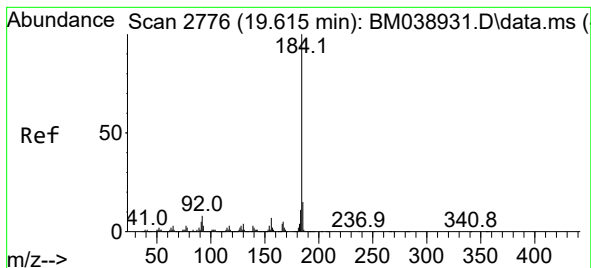
Tgt Ion:188 Resp: 1214496
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.7 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM039113.D
Acq: 23 Mar 2023 11:30

Tgt Ion:240 Resp: 1002774
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.1 20.8 31.2





#77

Benzidine

Concen: 4.899 ng

RT: 19.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039113.D

Acq: 23 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

PB151425TB

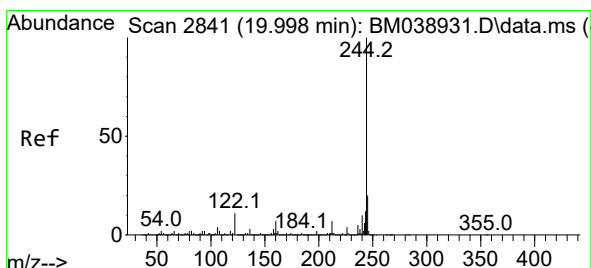
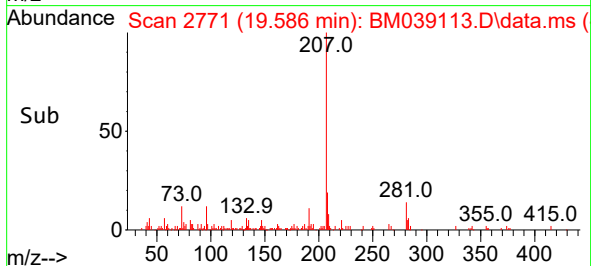
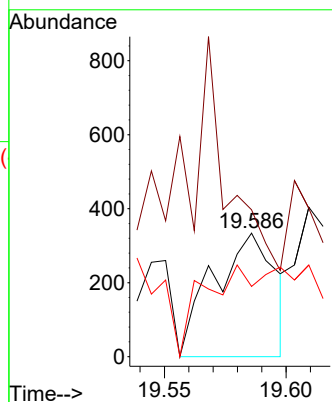
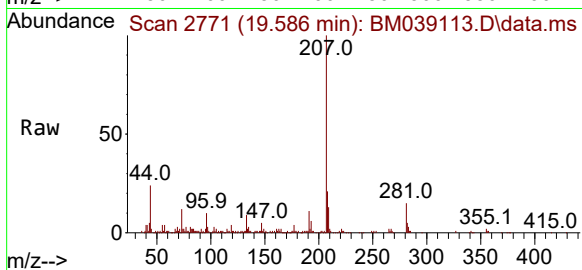
Tgt Ion:184 Resp: 588

Ion Ratio Lower Upper

184 100

185 118.9 12.2 18.4#

183 56.9 8.8 13.2#



#79

Terphenyl-d14

Concen: 94.139 ng

RT: 19.974 min Scan# 2837

Delta R.T. 0.006 min

Lab File: BM039113.D

Acq: 23 Mar 2023 11:30

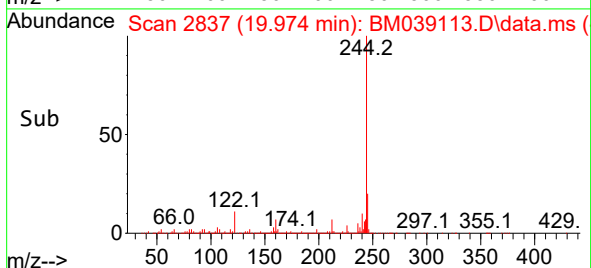
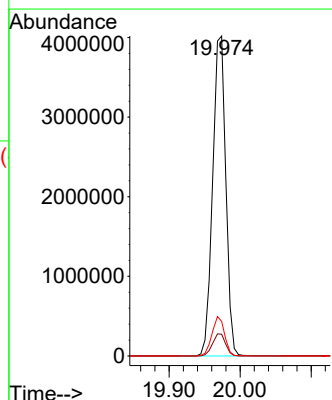
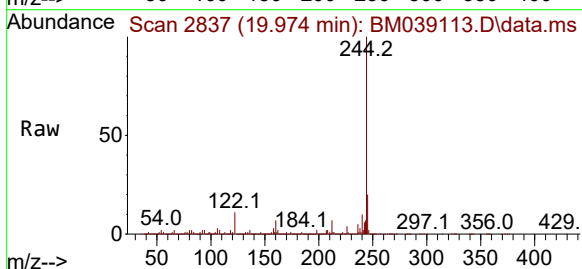
Tgt Ion:244 Resp: 5163181

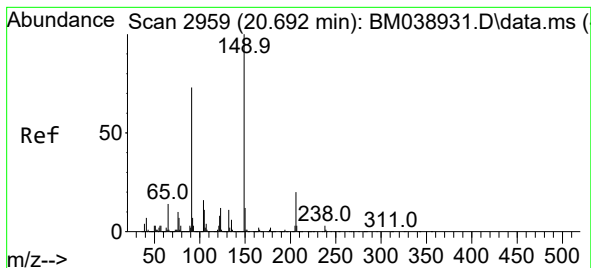
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.8 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.327 ng

RT: 20.656 min Scan# 2959

Delta R.T. -0.006 min

Lab File: BM039113.D

Acq: 23 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

PB151425TB

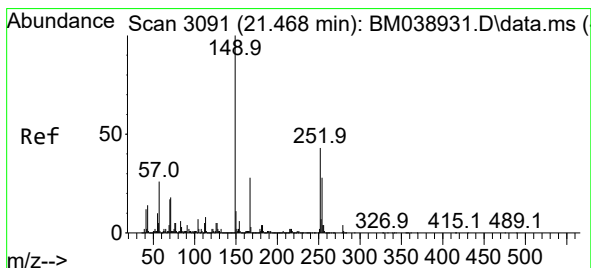
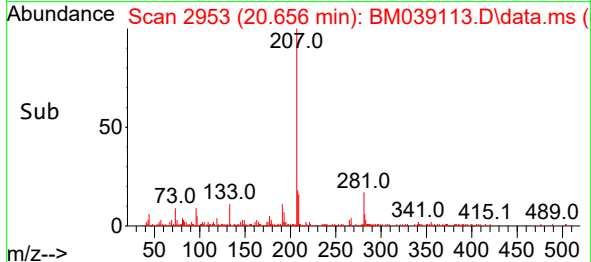
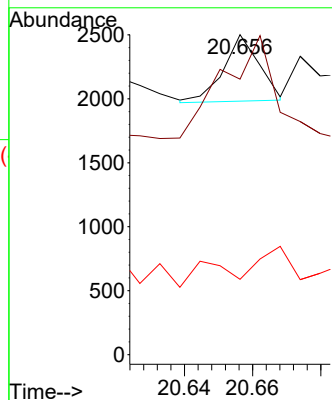
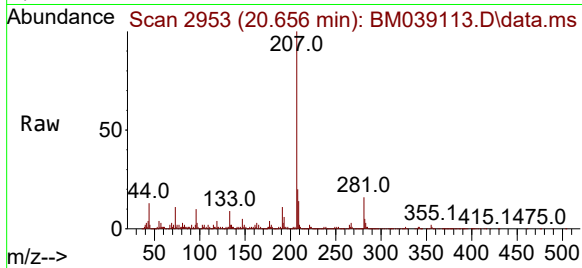
Tgt Ion:149 Resp: 378

Ion Ratio Lower Upper

149 100

91 86.1 58.4 87.6

206 23.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.576 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM039113.D

Acq: 23 Mar 2023 11:30

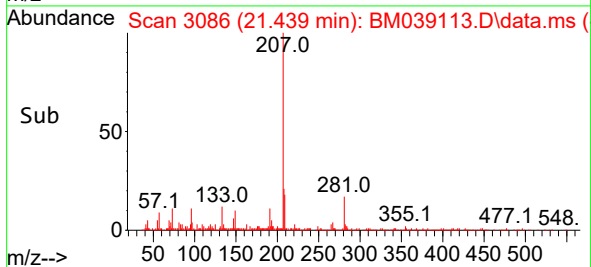
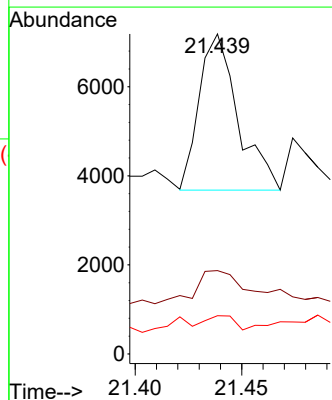
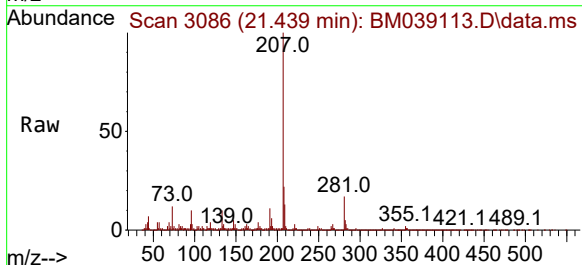
Tgt Ion:149 Resp: 4447

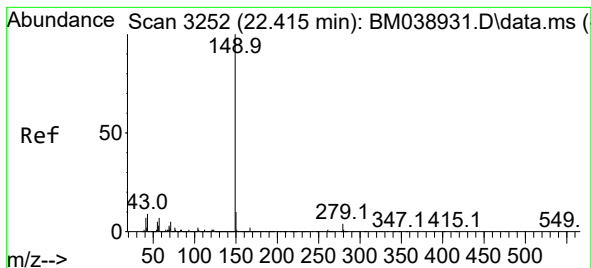
Ion Ratio Lower Upper

149 100

167 26.1 22.3 33.5

279 11.9 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 3.836 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039113.D

Acq: 23 Mar 2023 11:30

Instrument :

BNA_M

ClientSampleId :

PB151425TB

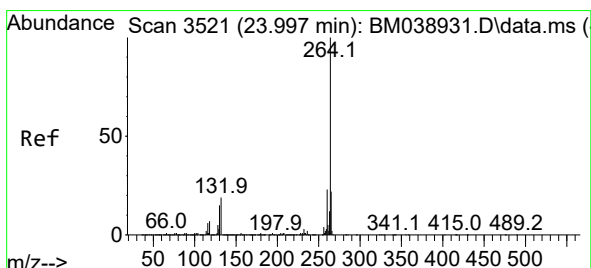
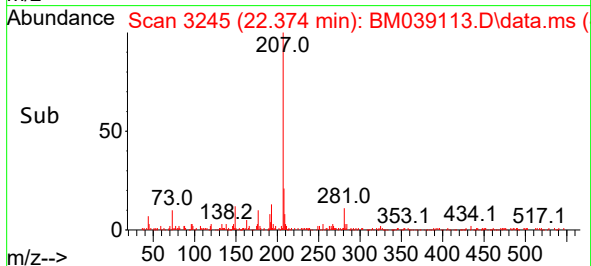
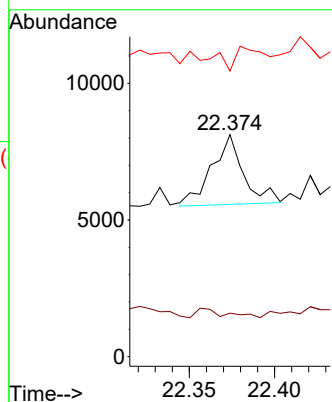
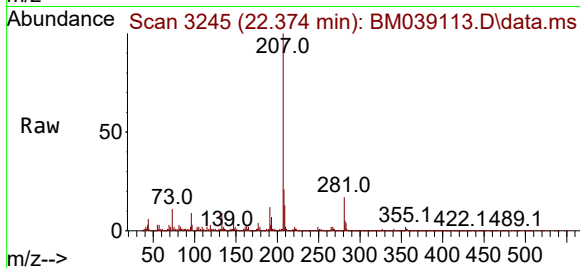
Tgt Ion:149 Resp: 3313

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 30.8 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3516

Delta R.T. 0.006 min

Lab File: BM039113.D

Acq: 23 Mar 2023 11:30

Tgt Ion:264 Resp: 1051686

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.7 17.9 26.9

