

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039016.D
 Acq On : 16 Mar 2023 13:14
 Operator : CG/JU
 Sample : PB151349BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151350BL

Quant Time: Mar 17 06:31:18 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)

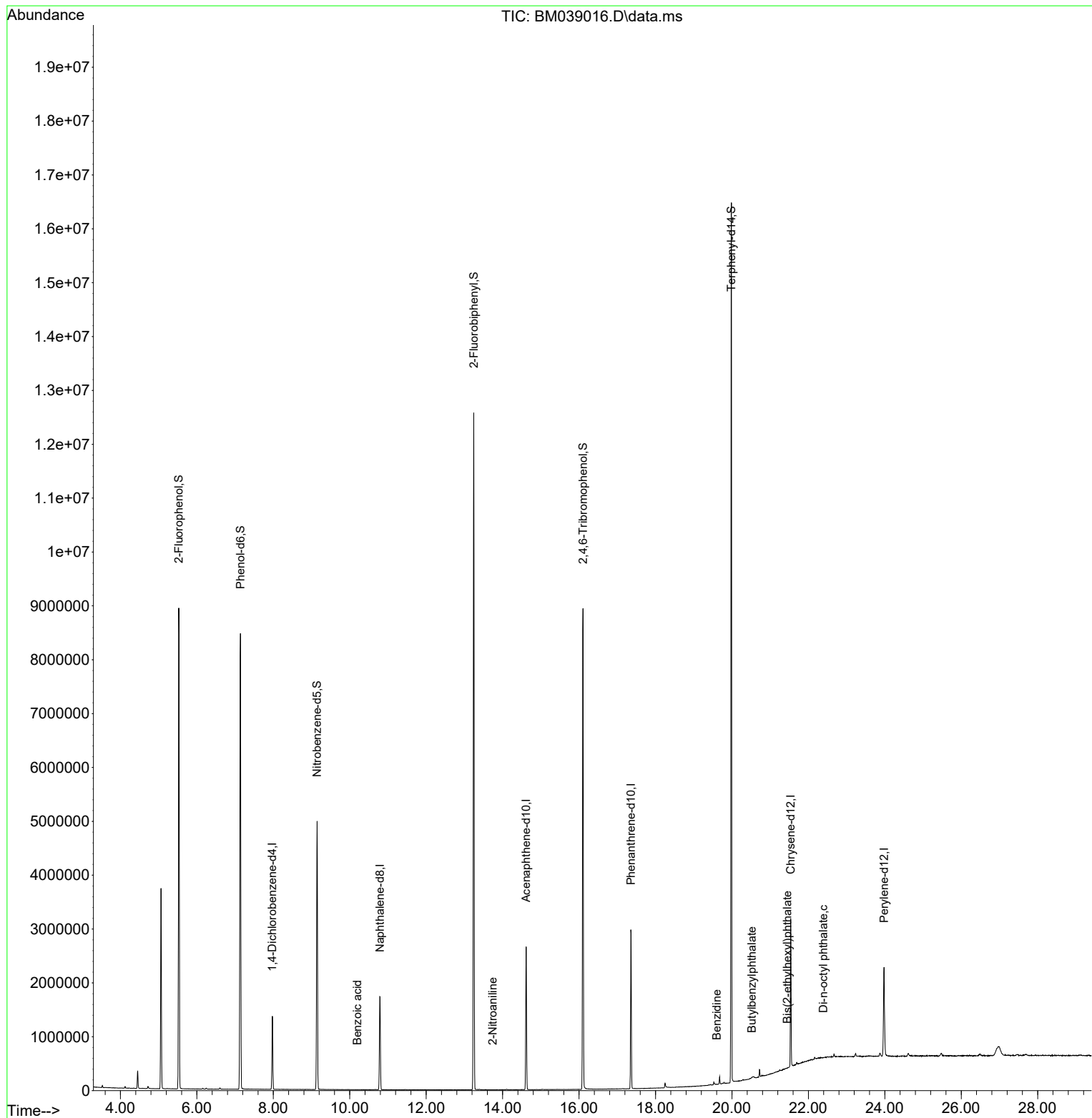
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	344513	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1423189	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	849791	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1692918	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1177748	20.000	ng	0.00
86) Perylene-d12	23.980	264	1131177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3731315	164.550	ng	0.00
7) Phenol-d6	7.140	99	4809665	163.295	ng	0.00
23) Nitrobenzene-d5	9.145	82	2822655	97.423	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1432824	145.749	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5934408	90.909	ng	0.00
79) Terphenyl-d14	19.986	244	7505274	116.512	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.198	122	86	5.737	ng	# 16
48) 2-Nitroaniline	13.739	65	60	2.219	ng	# 6
77) Benzidine	19.603	184	265	4.885	ng	# 67
80) Butylbenzylphthalate	20.521	149	221	3.321	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.450	149	1746	2.515	ng	# 79
85) Di-n-octyl phthalate	22.391	149	1041	3.807	ng	# 73

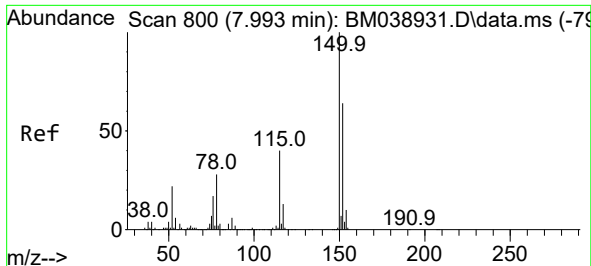
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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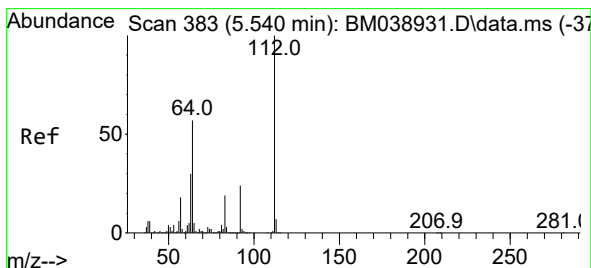
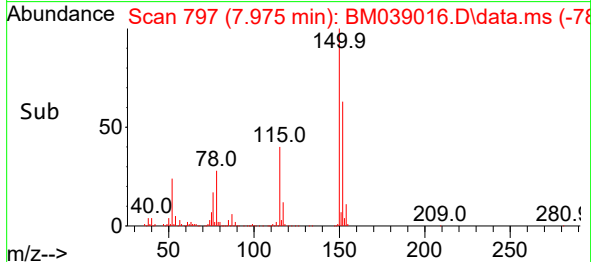
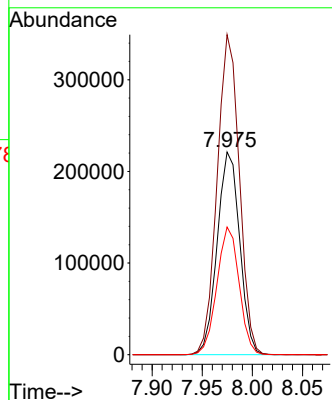
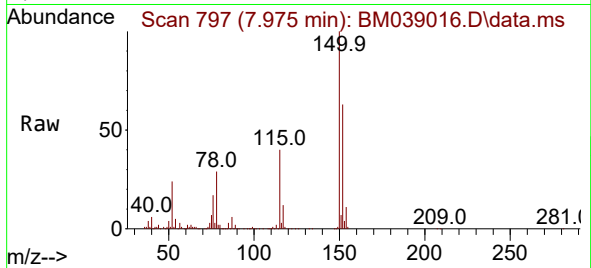




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

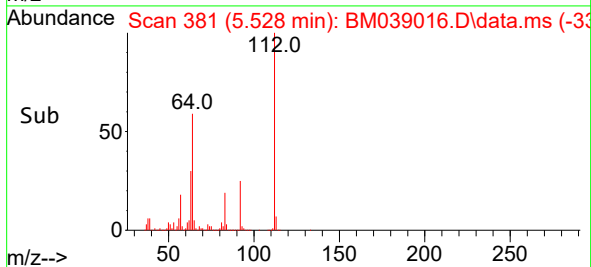
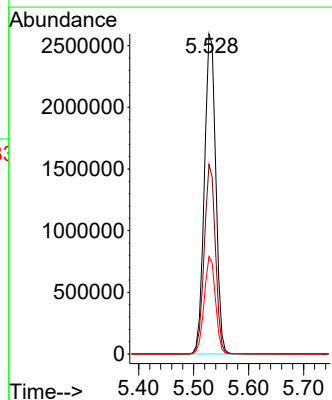
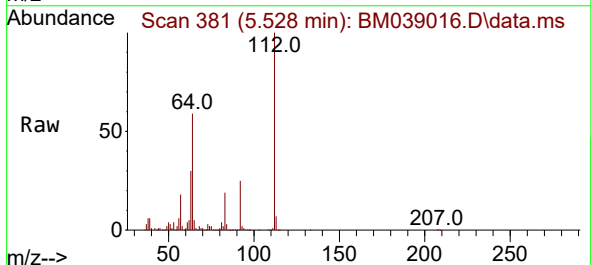
Instrument :
BNA_M
ClientSampleId :
PB151350BL

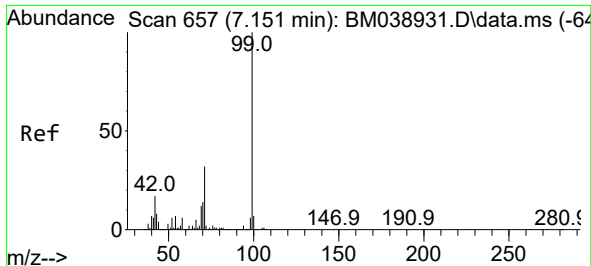
Tgt Ion:152 Resp: 344513
Ion Ratio Lower Upper
152 100
150 157.9 125.1 187.7
115 63.0 49.6 74.4



#5
2-Fluorophenol
Concen: 164.550 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

Tgt Ion:112 Resp: 3731315
Ion Ratio Lower Upper
112 100
64 59.2 45.9 68.9
63 30.5 23.8 35.8

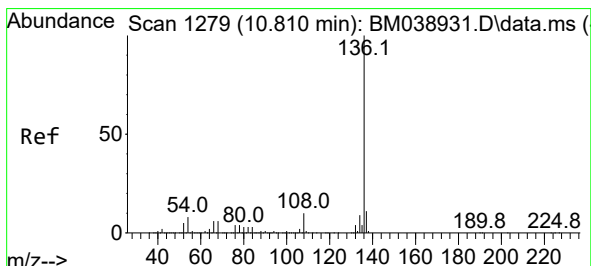
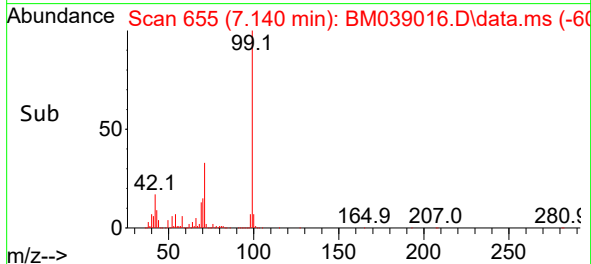
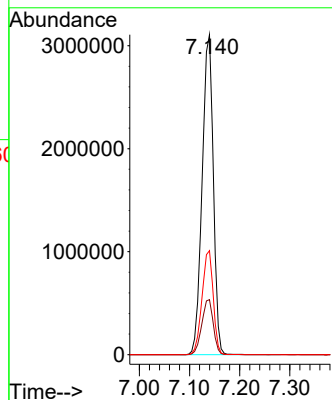
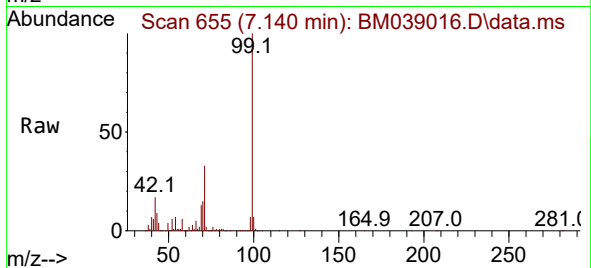




#7
Phenol-d6
Concen: 163.295 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

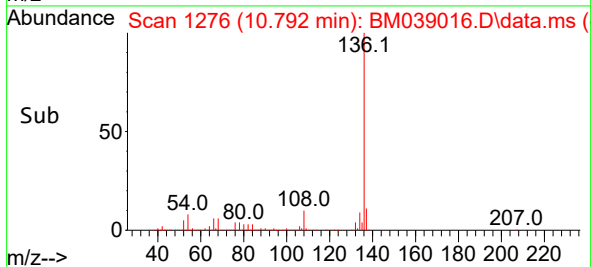
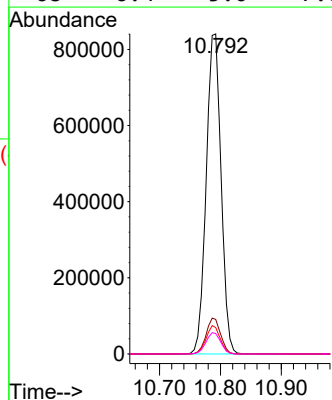
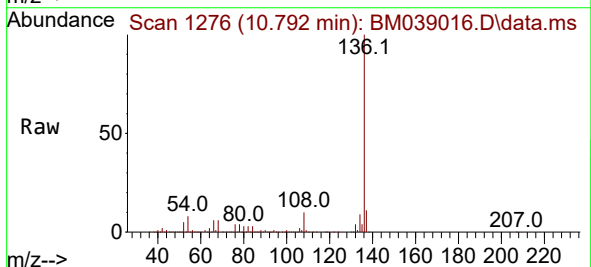
Instrument :
BNA_M
ClientSampleId :
PB151350BL

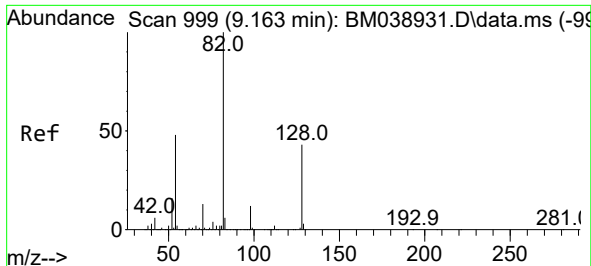
Tgt Ion: 99 Resp: 4809665
Ion Ratio Lower Upper
99 100
42 17.2 13.5 20.3
71 32.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

Tgt Ion: 136 Resp: 1423189
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.3 6.3 9.5
68 6.4 5.0 7.6

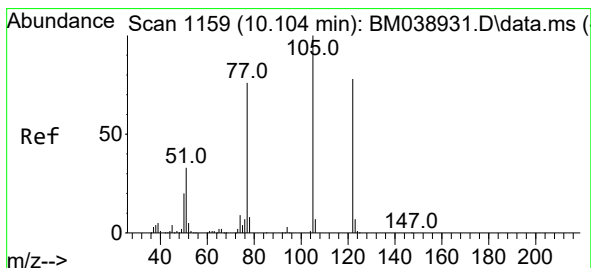
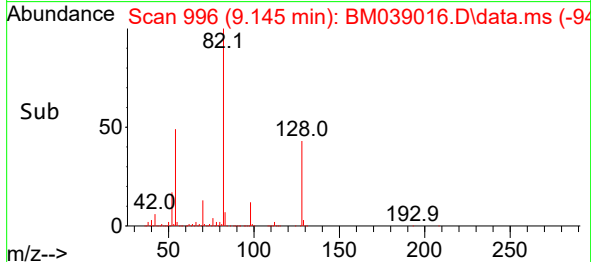
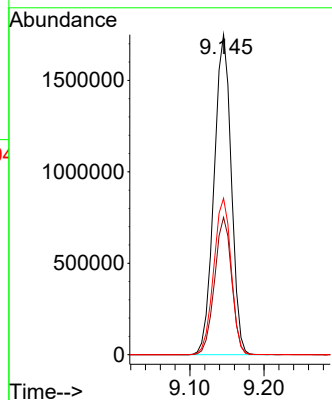
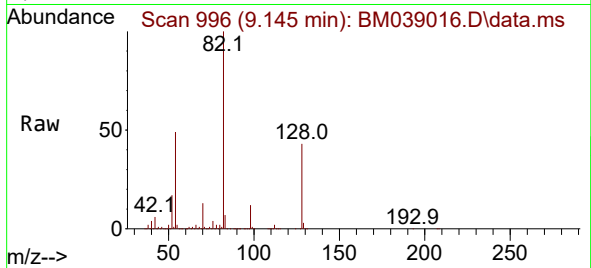




#23
Nitrobenzene-d5
Concen: 97.423 ng
RT: 9.145 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

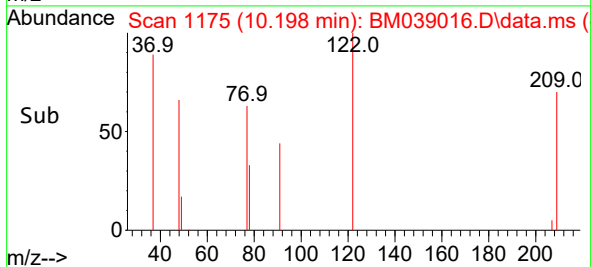
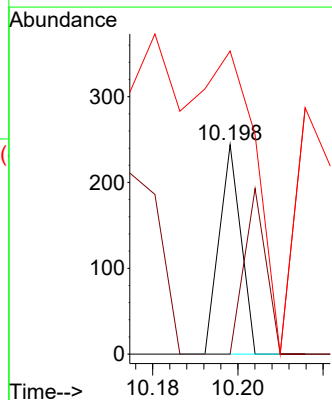
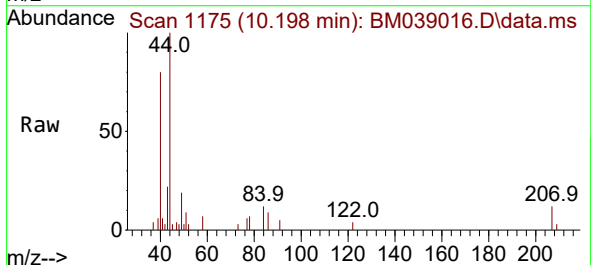
Instrument :
BNA_M
ClientSampleId :
PB151350BL

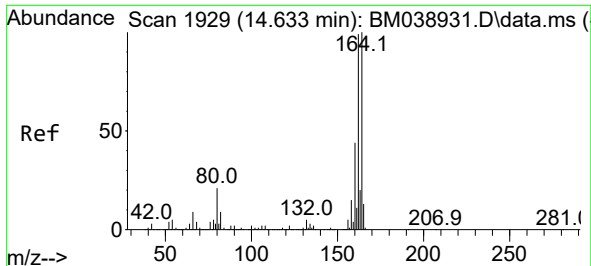
Tgt Ion: 82 Resp: 2822655
Ion Ratio Lower Upper
82 100
128 42.9 34.4 51.6
54 48.9 38.8 58.2



#32
Benzoic acid
Concen: 5.737 ng
RT: 10.198 min Scan# 1175
Delta R.T. 0.100 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

Tgt Ion: 122 Resp: 86
Ion Ratio Lower Upper
122 100
105 0.0 104.2 144.2#
77 144.7 75.1 115.1#

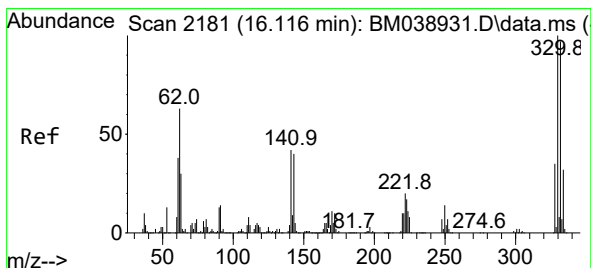
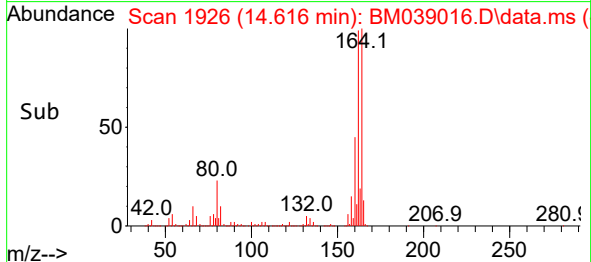
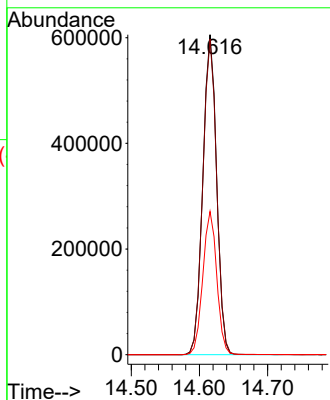
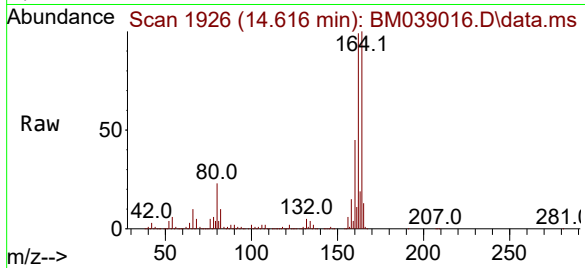




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

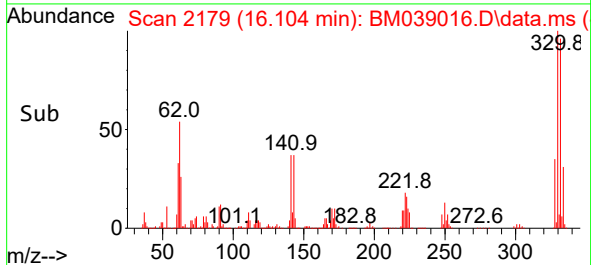
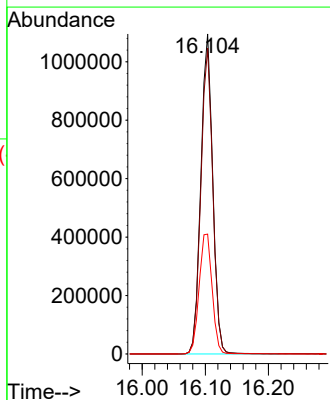
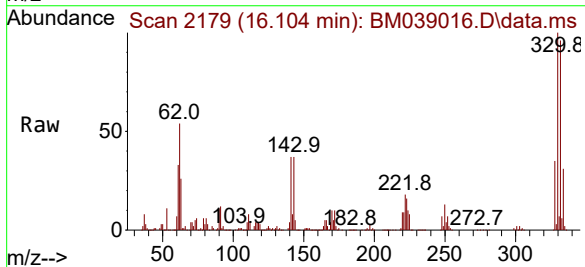
Instrument :
BNA_M
ClientSampleId :
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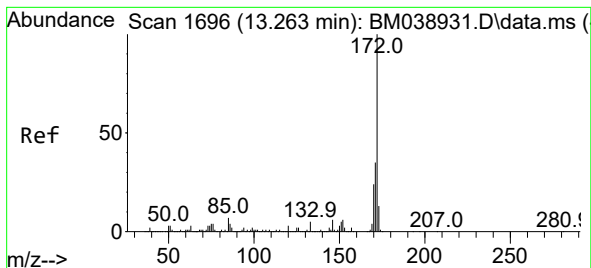
Tgt Ion:164 Resp: 849791
Ion Ratio Lower Upper
164 100
162 98.6 79.2 118.8
160 44.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 145.749 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

Tgt Ion:330 Resp: 1432824
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 40.9 32.2 48.4

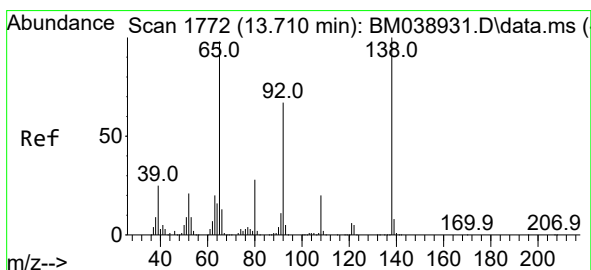
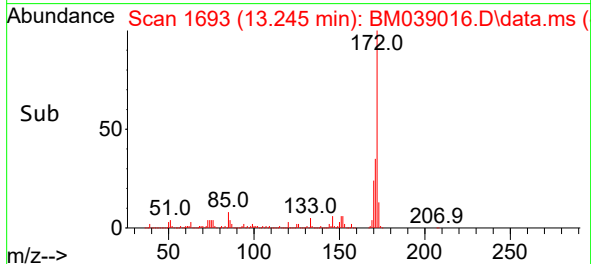
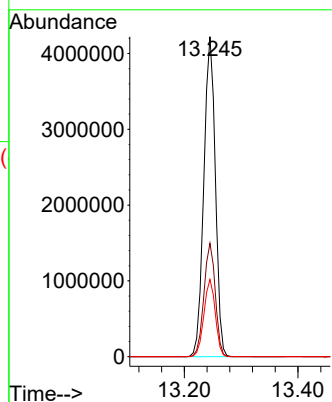
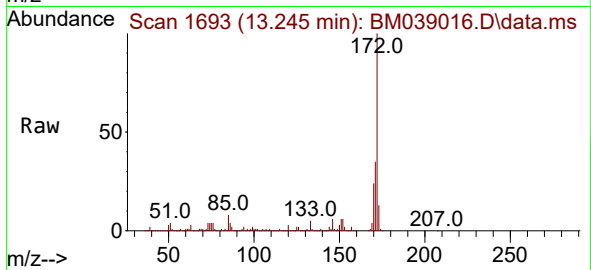




#45
2-Fluorobiphenyl
Concen: 90.909 ng
RT: 13.245 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

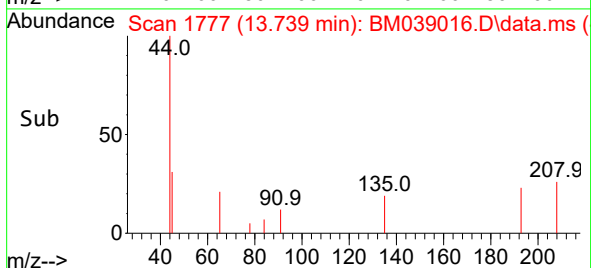
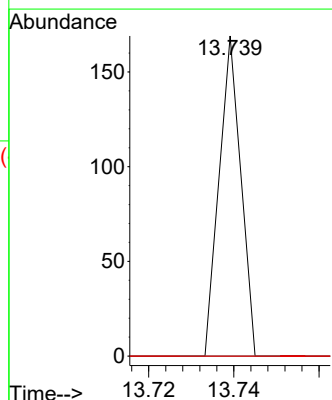
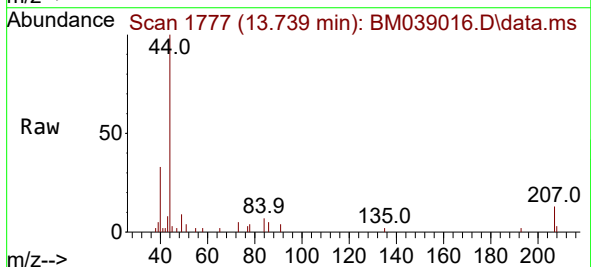
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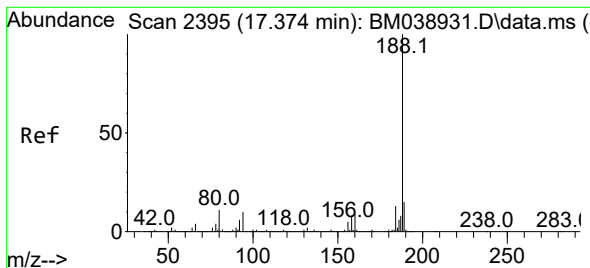
Tgt Ion:172 Resp: 5934408
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.2 19.1 28.7



#48
2-Nitroaniline
Concen: 2.219 ng
RT: 13.739 min Scan# 1777
Delta R.T. 0.041 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039016.D

Acq: 16 Mar 2023 13:14

Instrument :

BNA_M

ClientSampleId :

PB151350BL

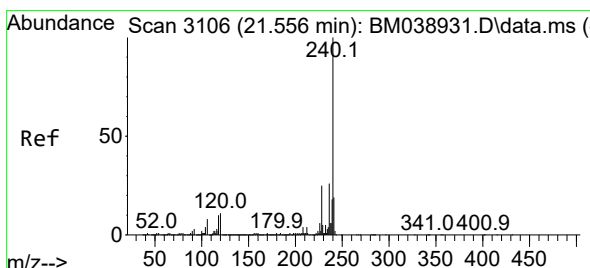
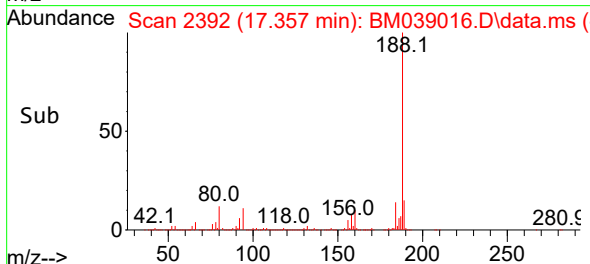
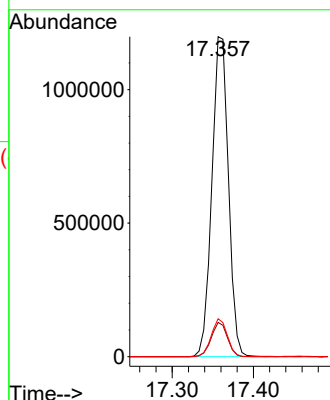
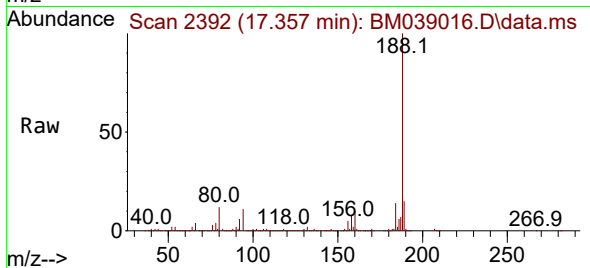
Tgt Ion:188 Resp: 1692918

Ion Ratio Lower Upper

188 100

94 10.7 7.9 11.9

80 11.9 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM039016.D

Acq: 16 Mar 2023 13:14

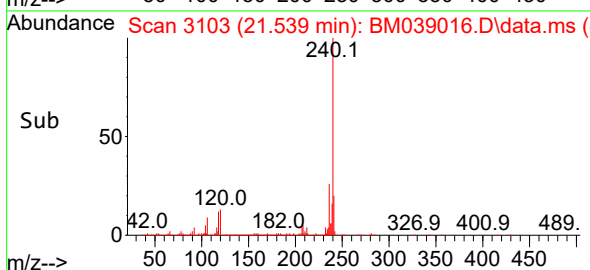
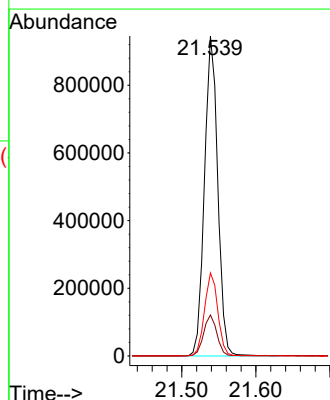
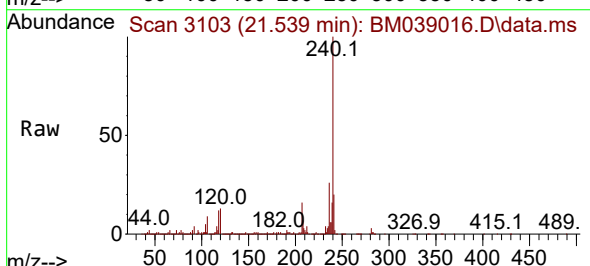
Tgt Ion:240 Resp: 1177748

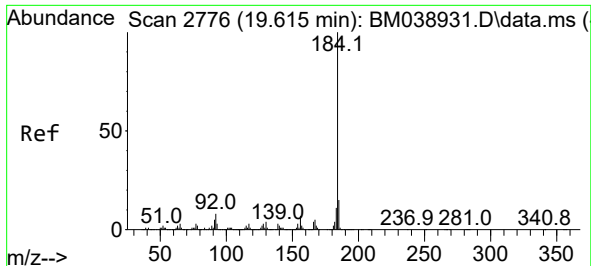
Ion Ratio Lower Upper

240 100

120 12.8 9.2 13.8

236 26.0 20.8 31.2

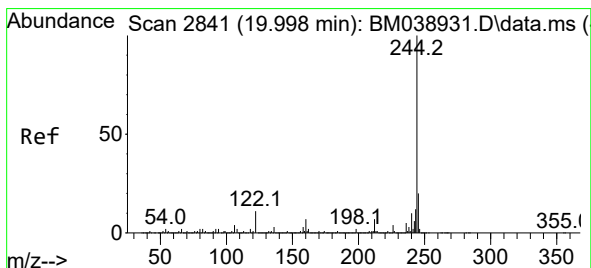
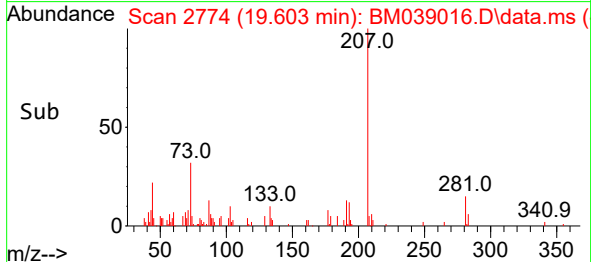
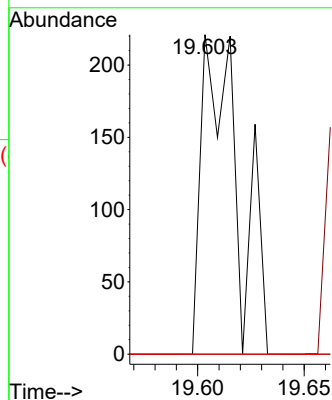
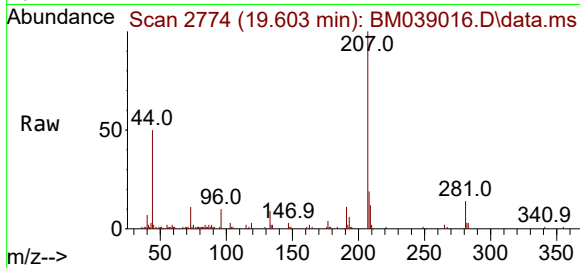




#77
Benzidine
Concen: 4.885 ng
RT: 19.603 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

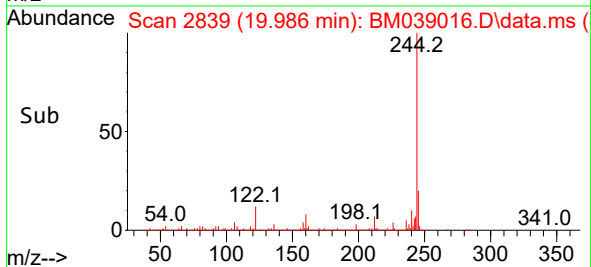
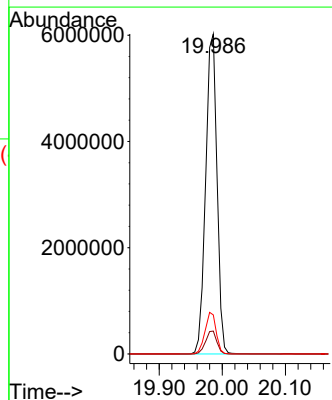
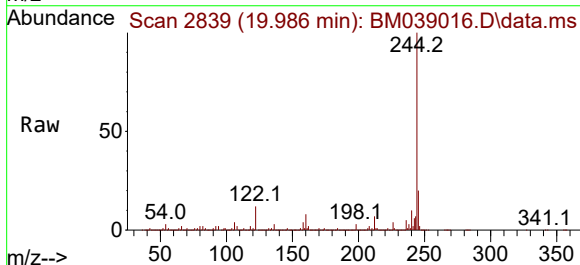
Instrument :
BNA_M
ClientSampleId :
PB151350BL

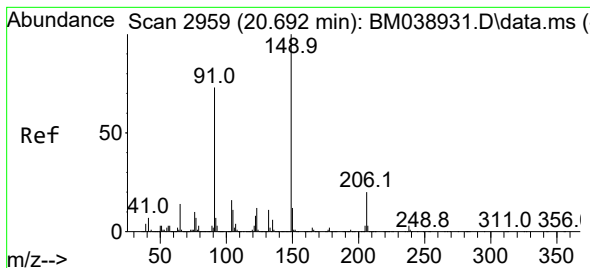
Tgt Ion:184 Resp: 265
Ion Ratio Lower Upper
184 100
185 0.0 12.2 18.4#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 116.512 ng
RT: 19.986 min Scan# 2839
Delta R.T. 0.006 min
Lab File: BM039016.D
Acq: 16 Mar 2023 13:14

Tgt Ion:244 Resp: 7505274
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 12.2 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.321 ng

RT: 20.521 min Scan# 2959

Delta R.T. -0.153 min

Lab File: BM039016.D

Acq: 16 Mar 2023 13:14

Instrument :

BNA_M

ClientSampleId :

PB151350BL

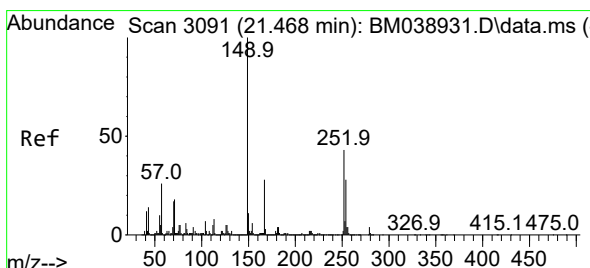
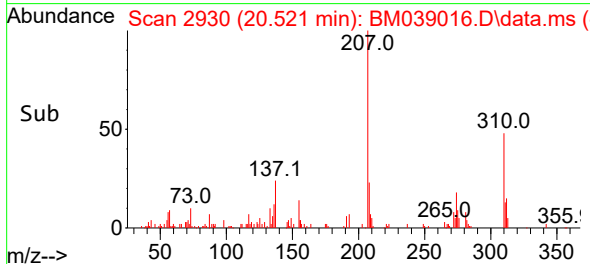
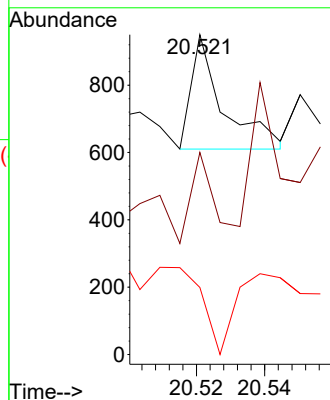
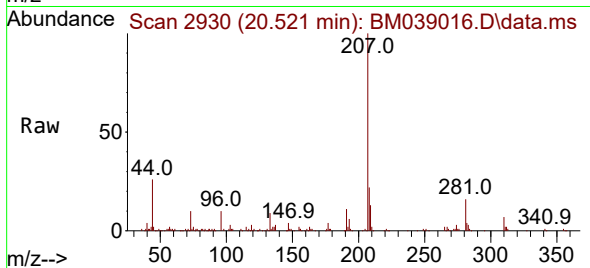
Tgt Ion:149 Resp: 221

Ion Ratio Lower Upper

149 100

91 63.2 58.4 87.6

206 20.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.515 ng

RT: 21.450 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM039016.D

Acq: 16 Mar 2023 13:14

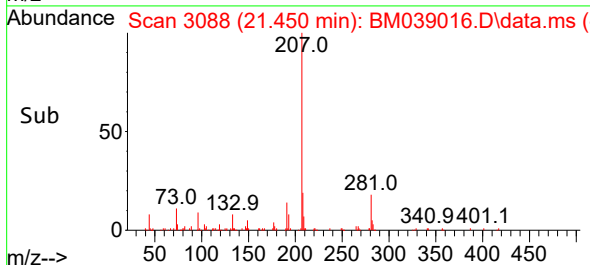
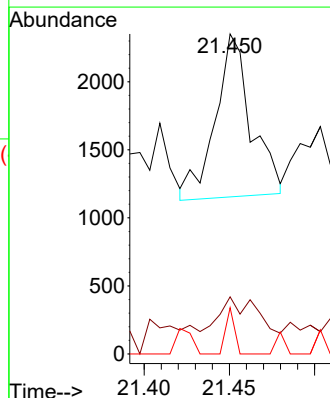
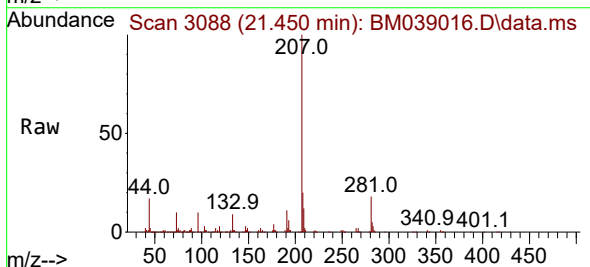
Tgt Ion:149 Resp: 1746

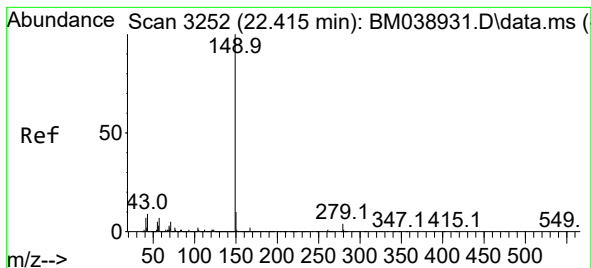
Ion Ratio Lower Upper

149 100

167 17.8 22.3 33.5#

279 14.4 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 3.807 ng

RT: 22.391 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039016.D

Acq: 16 Mar 2023 13:14

Instrument :

BNA_M

ClientSampleId :

PB151350BL

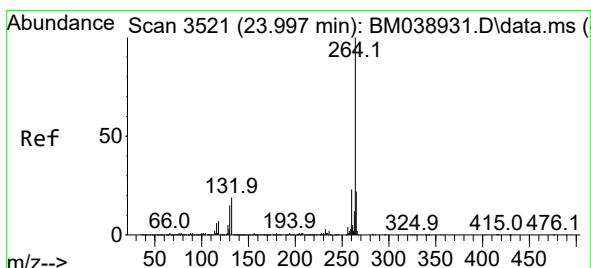
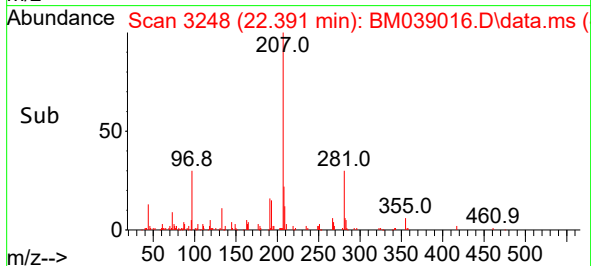
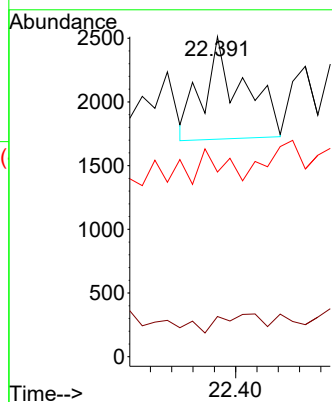
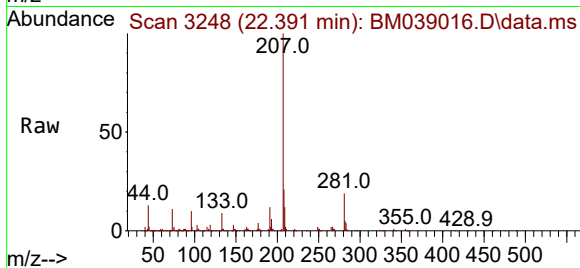
Tgt Ion:149 Resp: 1041

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 20.7 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3518

Delta R.T. 0.000 min

Lab File: BM039016.D

Acq: 16 Mar 2023 13:14

Tgt Ion:264 Resp: 1131177

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.8 17.9 26.9

