

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039057.D
 Acq On : 20 Mar 2023 23:04
 Operator : CG/JU
 Sample : 01964-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MAPLE-5

Quant Time: Mar 21 01:52:33 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)

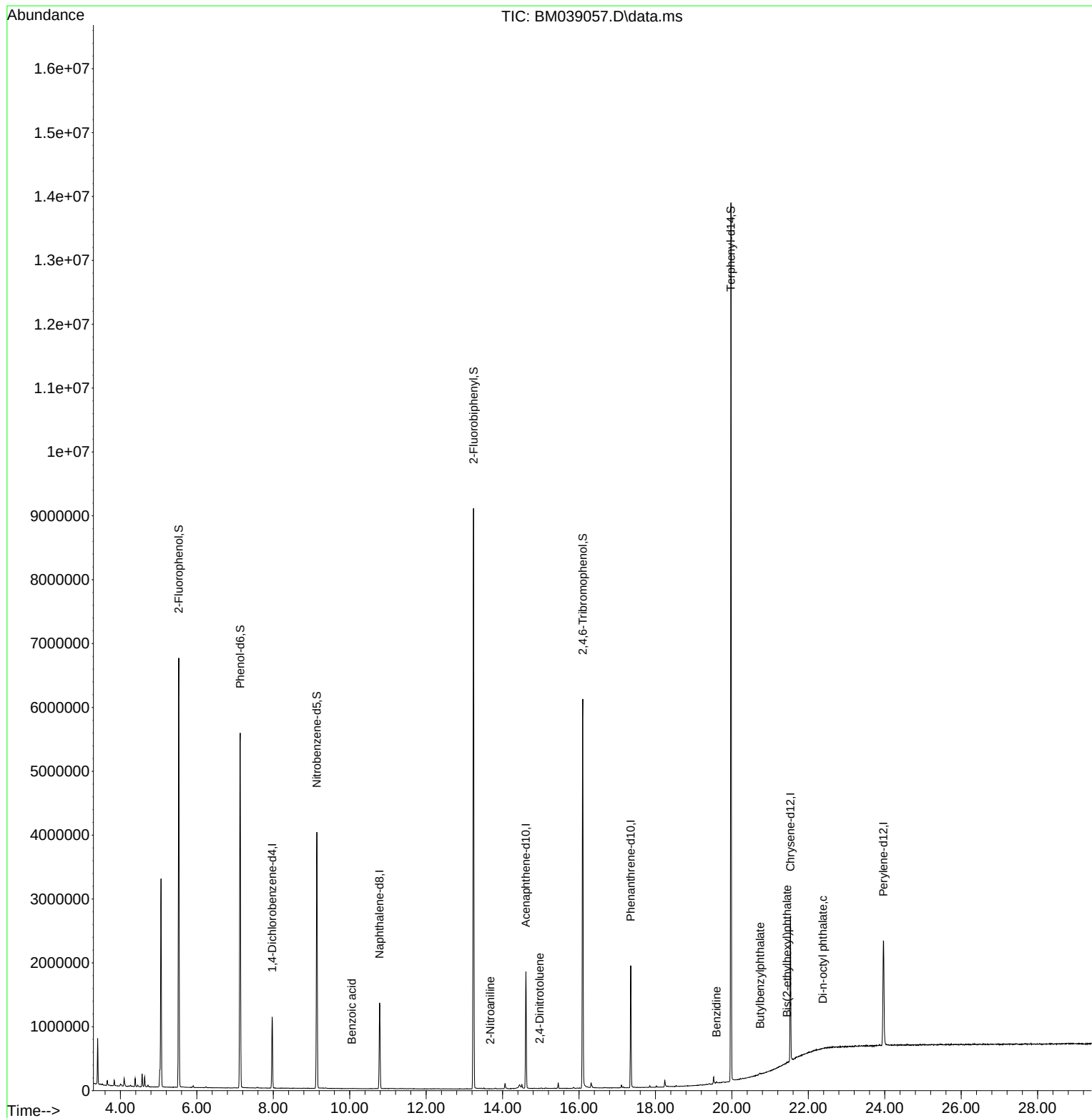
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	286800	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1097669	20.000	ng	-0.01
39) Acenaphthene-d10	14.610	164	582665	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1144181	20.000	ng	-0.01
76) Chrysene-d12	21.533	240	1044139	20.000	ng	0.00
86) Perylene-d12	23.962	264	1216268	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2782462	147.398	ng	0.00
7) Phenol-d6	7.134	99	3144464	128.243	ng	0.00
23) Nitrobenzene-d5	9.140	82	2242786	100.365	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1001464	148.574	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4342447	97.019	ng	0.00
79) Terphenyl-d14	19.974	244	6090113	106.640	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.051	122	1022	5.801	ng	# 51
48) 2-Nitroaniline	13.680	65	344	2.243	ng	# 38
57) 2,4-Dinitrotoluene	14.969	165	57	2.075	ng	# 13
77) Benzidine	19.598	184	15598	5.465	ng	95
80) Butylbenzylphthalate	20.739	149	219	3.322	ng	90
84) Bis(2-ethylhexyl)phtha...	21.445	149	3876	2.561	ng	# 96
85) Di-n-octyl phthalate	22.380	149	874	3.807	ng	# 17

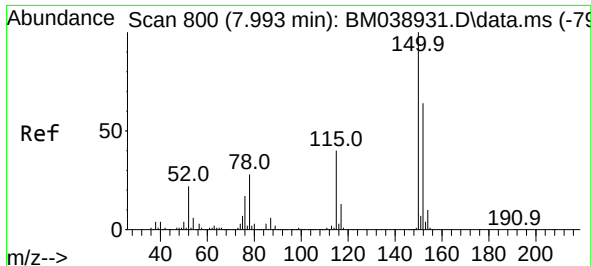
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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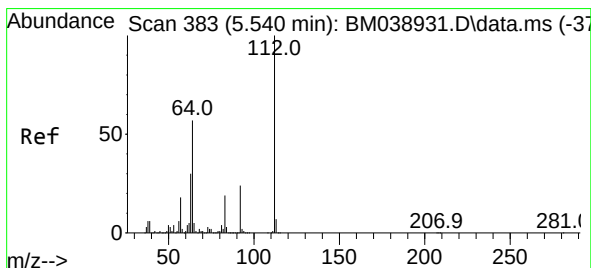
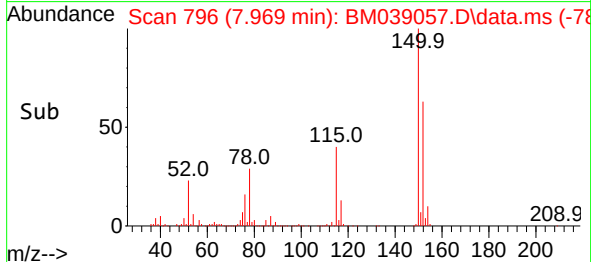
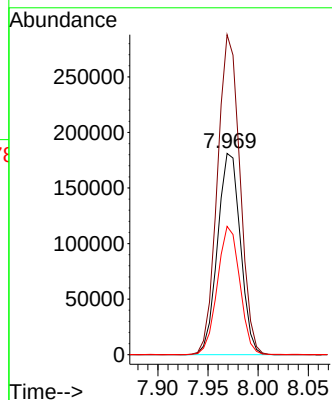
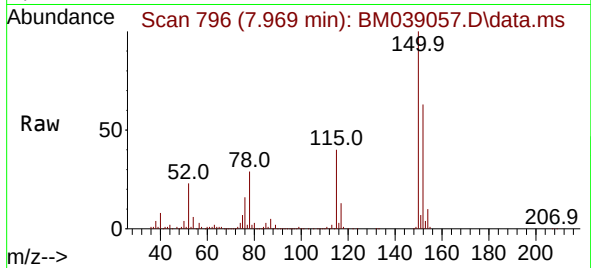




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

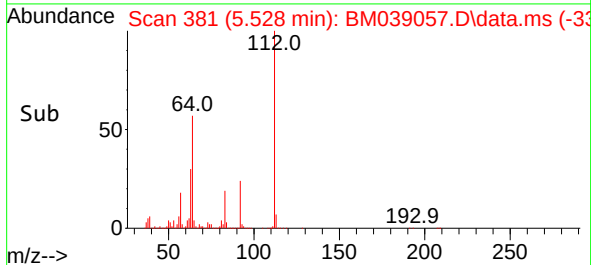
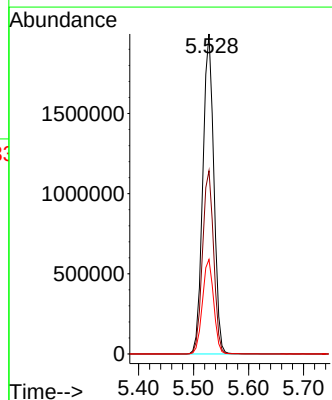
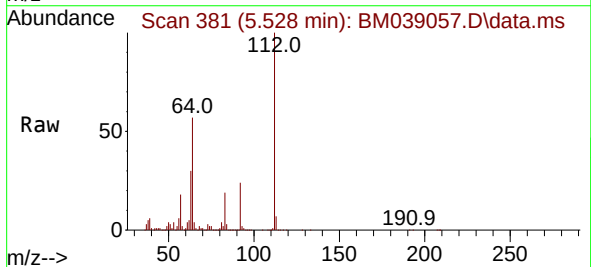
Instrument :
BNA_M
ClientSampleId :
MAPLE-5

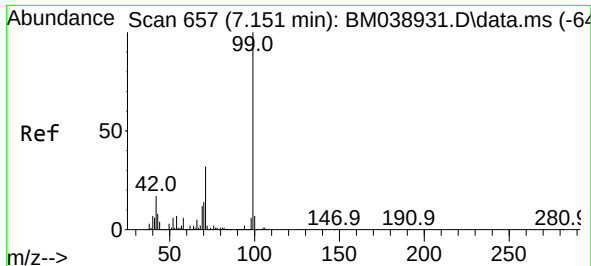
Tgt Ion:152 Resp: 286800
Ion Ratio Lower Upper
152 100
150 159.0 125.1 187.7
115 63.7 49.6 74.4



#5
2-Fluorophenol
Concen: 147.398 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion:112 Resp: 2782462
Ion Ratio Lower Upper
112 100
64 57.2 45.9 68.9
63 29.5 23.8 35.8



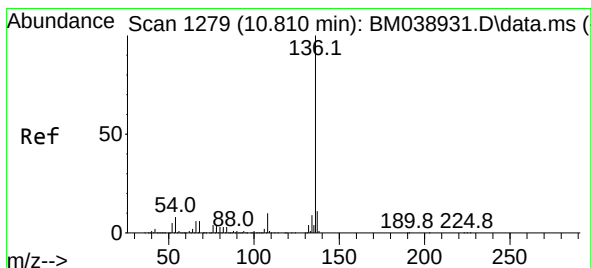
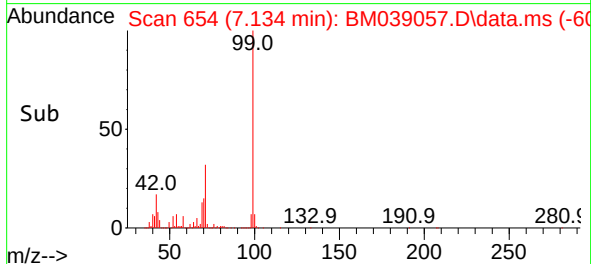
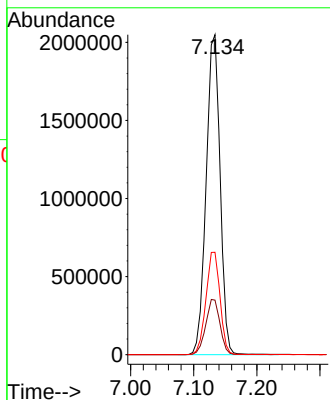
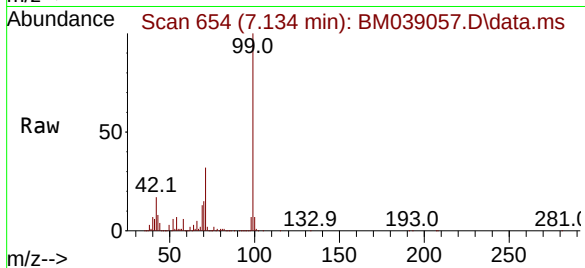


#7
Phenol-d6
Concen: 128.243 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Instrument :
BNA_M
ClientSampleId :
MAPLE-5

Tgt Ion: 99 Resp: 3144464

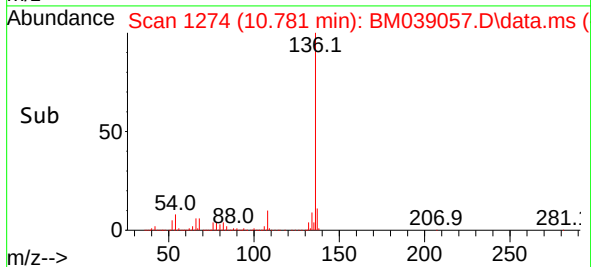
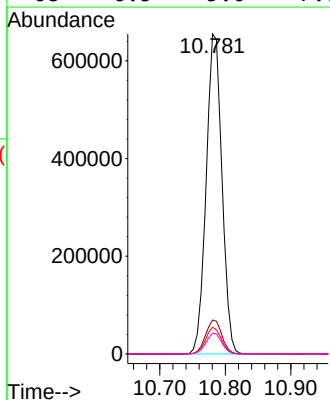
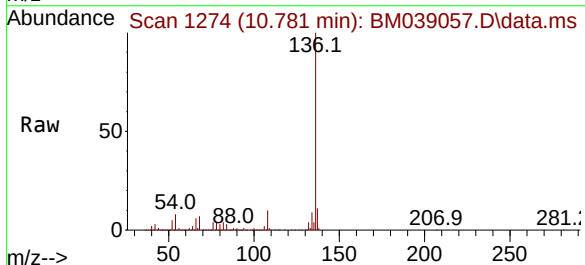
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	32.0	25.6	38.4

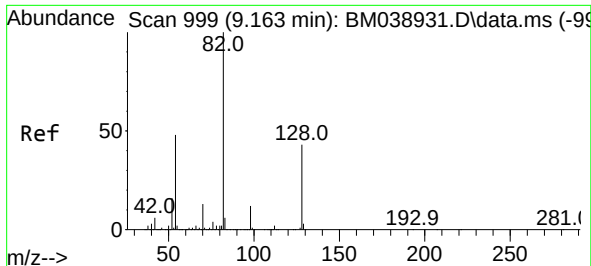


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion: 136 Resp: 1097669

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.3	6.3	9.5
68	6.5	5.0	7.6

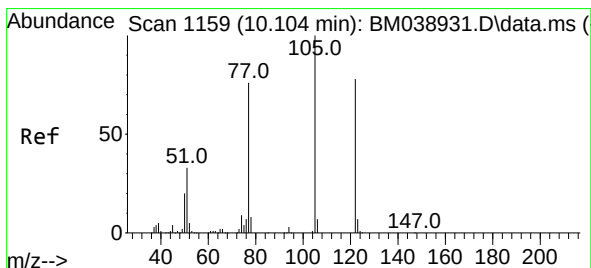
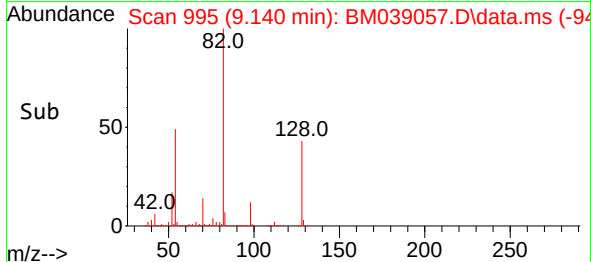
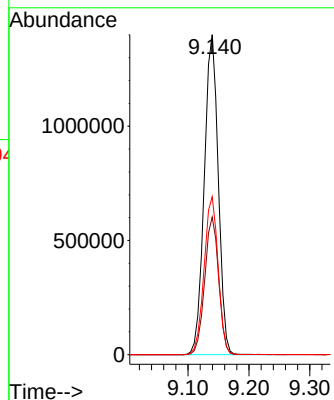
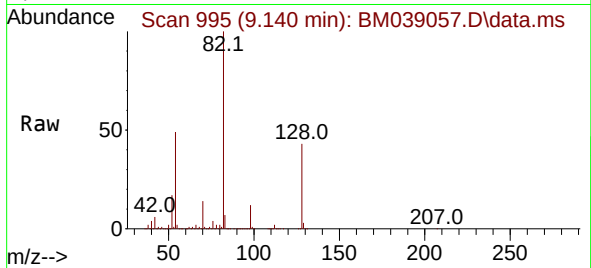




#23
Nitrobenzene-d5
Concen: 100.365 ng
RT: 9.140 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

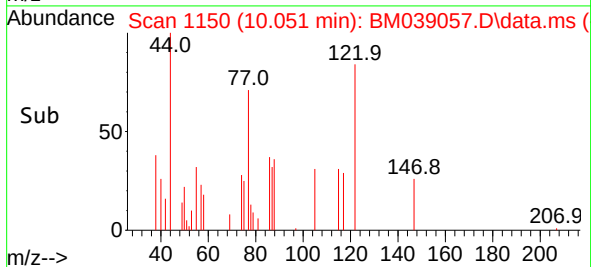
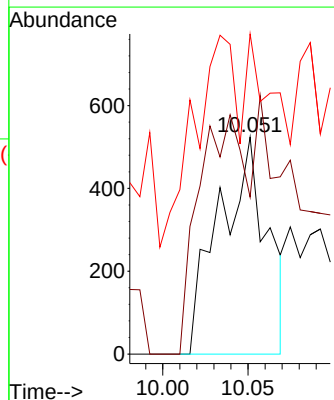
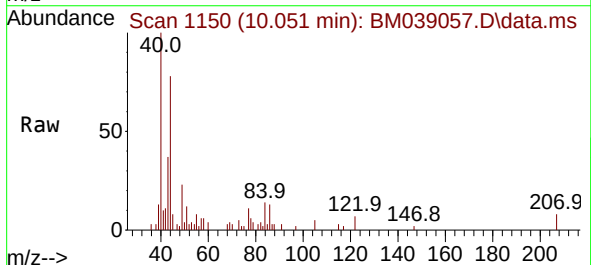
Instrument :
BNA_M
ClientSampleId :
MAPLE-5

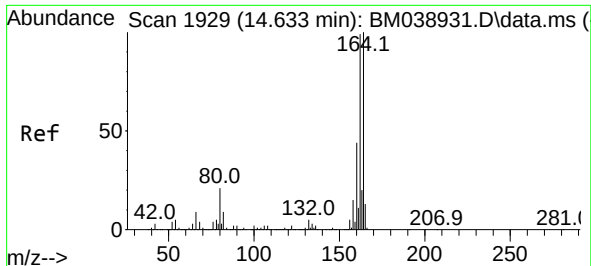
Tgt Ion: 82 Resp: 2242786
Ion Ratio Lower Upper
82 100
128 43.0 34.4 51.6
54 49.3 38.8 58.2



#32
Benzoic acid
Concen: 5.801 ng
RT: 10.051 min Scan# 1150
Delta R.T. -0.047 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion: 122 Resp: 1022
Ion Ratio Lower Upper
122 100
105 72.3 104.2 144.2#
77 147.5 75.1 115.1#

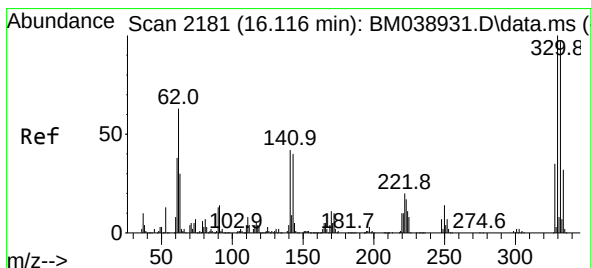
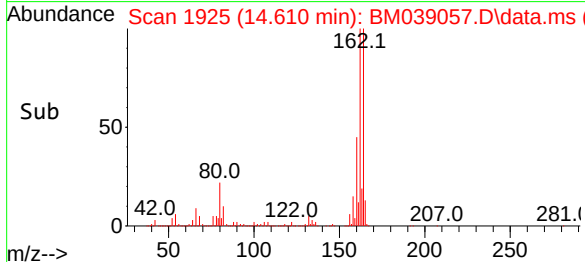
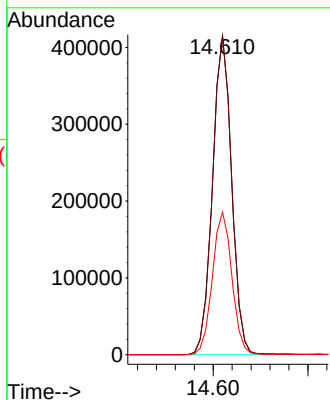
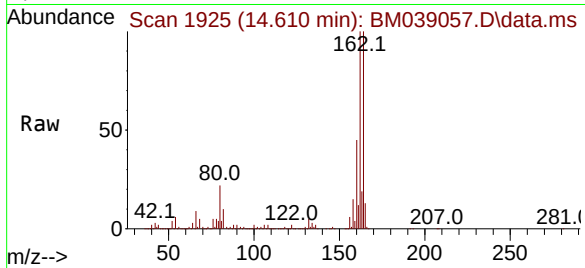




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

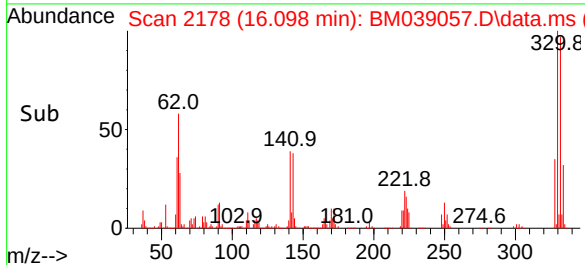
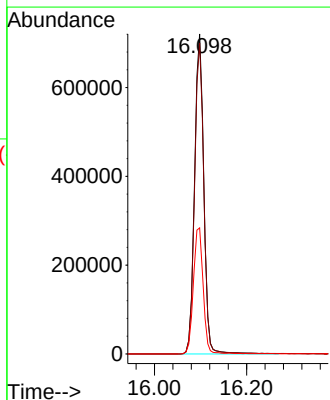
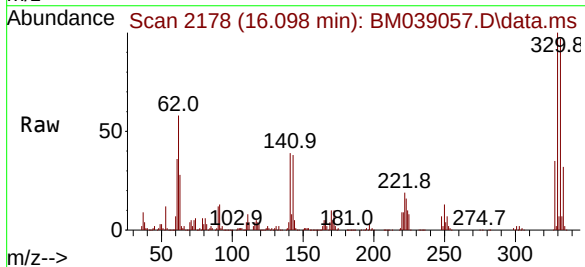
Instrument :
BNA_M
ClientSampleId :
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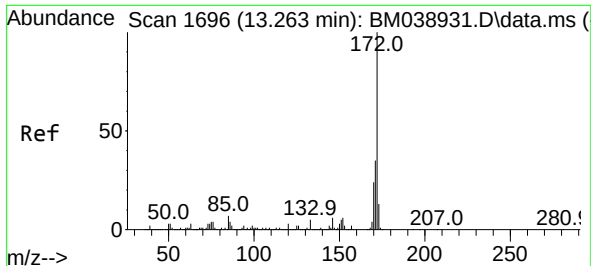
Tgt Ion:164 Resp: 582665
Ion Ratio Lower Upper
164 100
162 100.5 79.2 118.8
160 44.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 148.574 ng
RT: 16.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion:330 Resp: 1001464
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 42.0 32.2 48.4

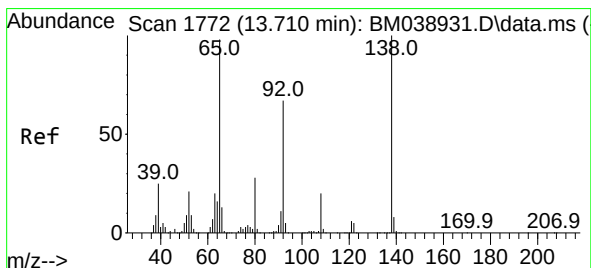
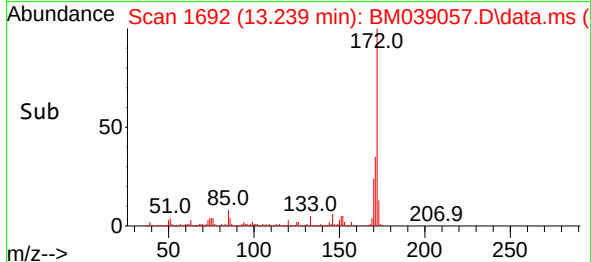
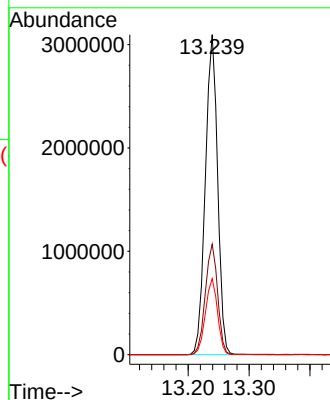
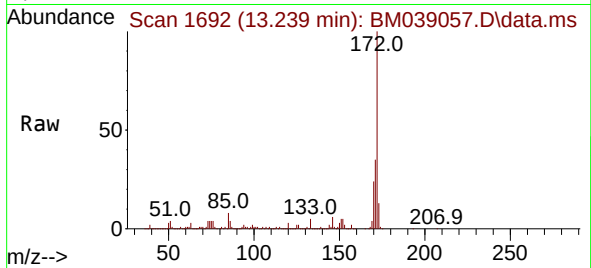




#45
2-Fluorobiphenyl
Concen: 97.019 ng
RT: 13.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

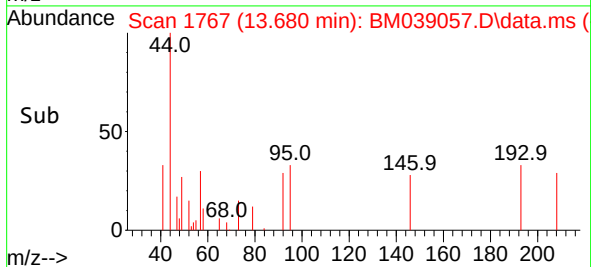
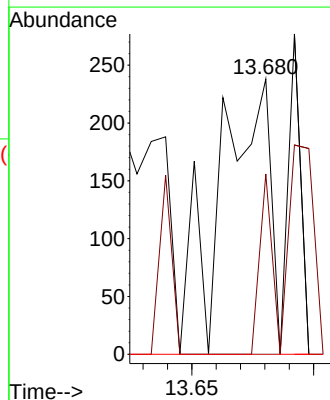
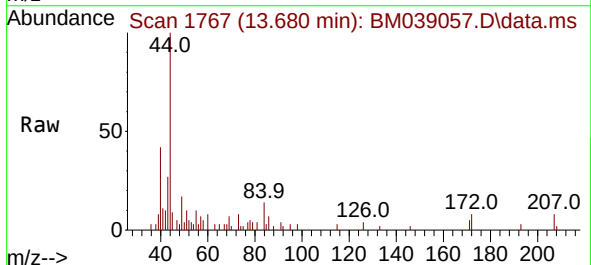
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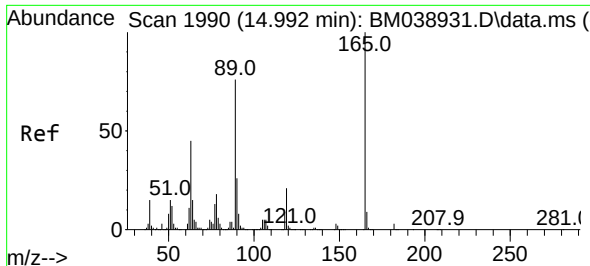
Tgt Ion:172 Resp: 4342447
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.7 19.1 28.7



#48
2-Nitroaniline
Concen: 2.243 ng
RT: 13.680 min Scan# 1767
Delta R.T. -0.018 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion: 65 Resp: 344
Ion Ratio Lower Upper
65 100
92 65.5 54.9 82.3
138 0.0 81.6 122.4#

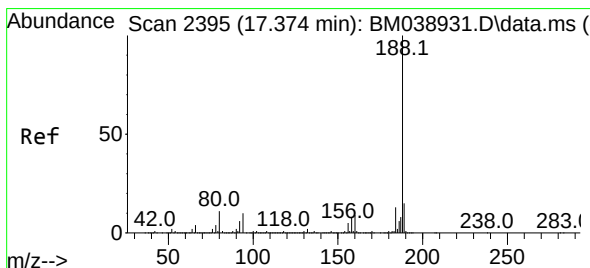
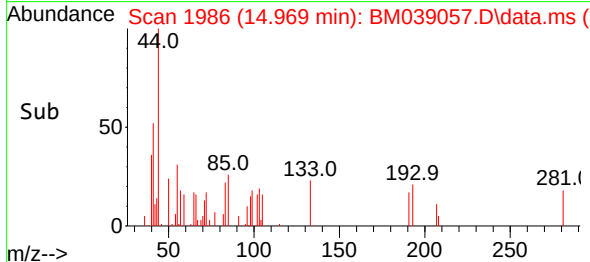
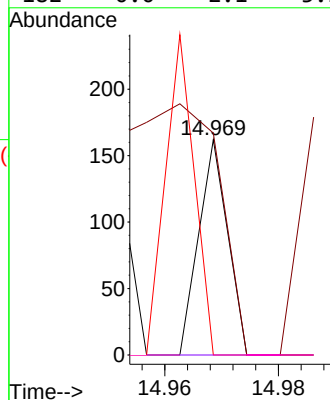
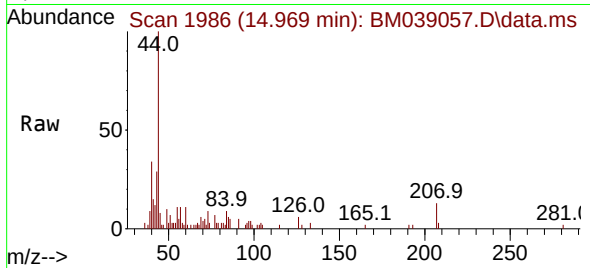




#57
2,4-Dinitrotoluene
Concen: 2.075 ng
RT: 14.969 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

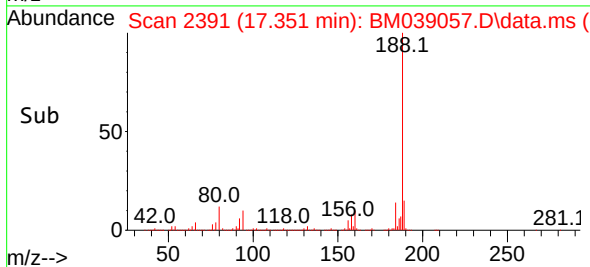
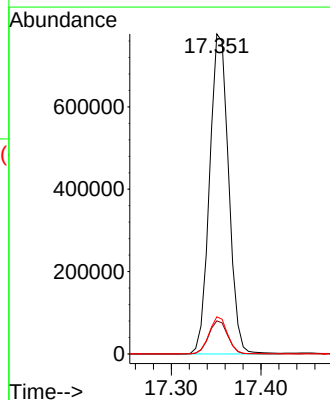
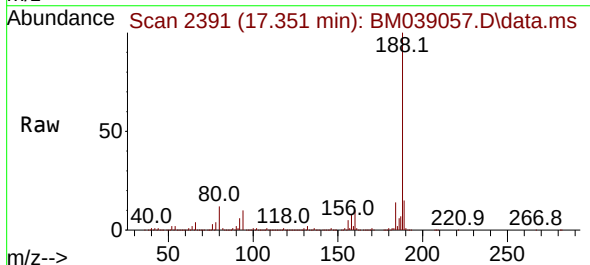
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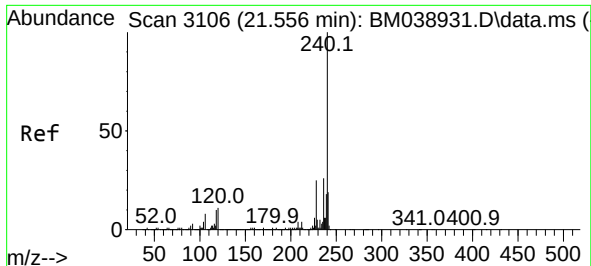
Tgt Ion:165 Resp: 57
Ion Ratio Lower Upper
165 100
63 103.1 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.012 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion:188 Resp: 1144181
Ion Ratio Lower Upper
188 100
94 10.3 7.9 11.9
80 11.6 8.5 12.7

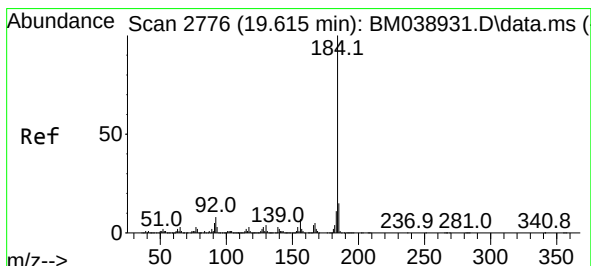
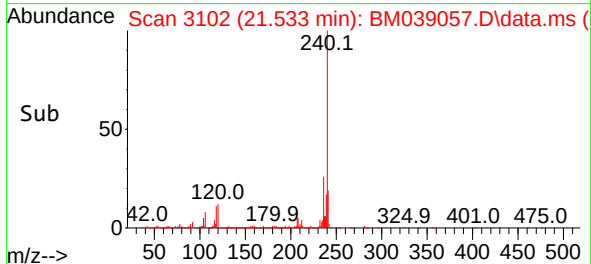
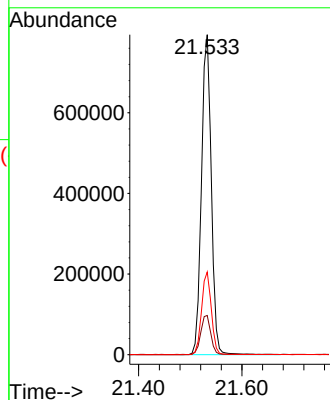
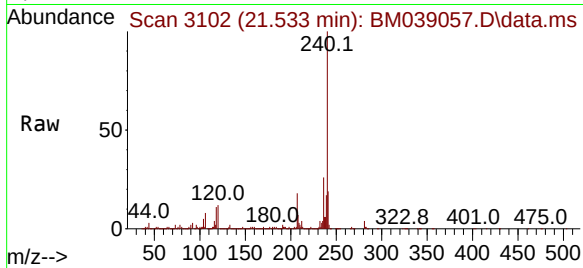




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

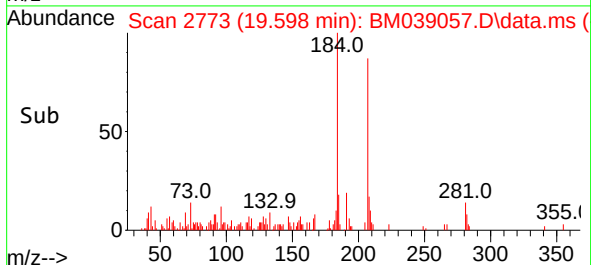
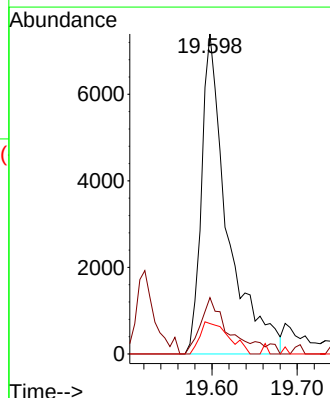
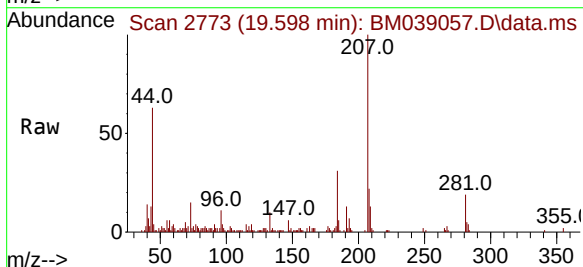
Instrument :
BNA_M
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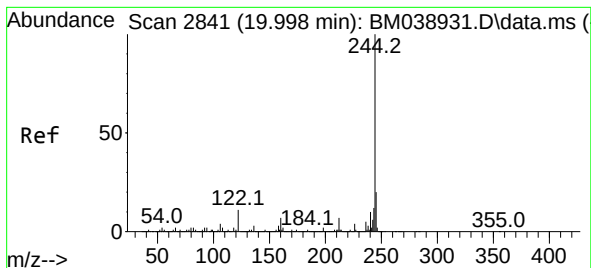
Tgt Ion:240 Resp: 1044139
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 25.9 20.8 31.2



#77
Benzidine
Concen: 5.465 ng
RT: 19.598 min Scan# 2773
Delta R.T. 0.000 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion:184 Resp: 15598
Ion Ratio Lower Upper
184 100
185 17.6 12.2 18.4
183 9.5 8.8 13.2





#79

Terphenyl-d14

Concen: 106.640 ng

RT: 19.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039057.D

Acq: 20 Mar 2023 23:04

Instrument :

BNA_M

ClientSampleId :

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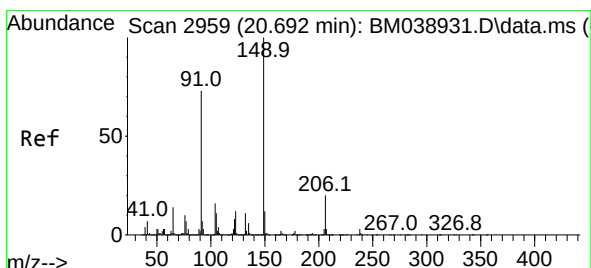
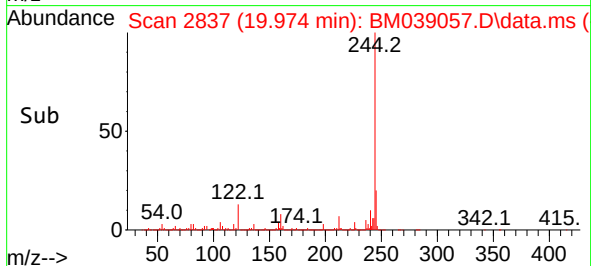
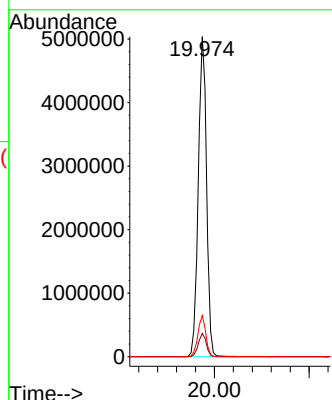
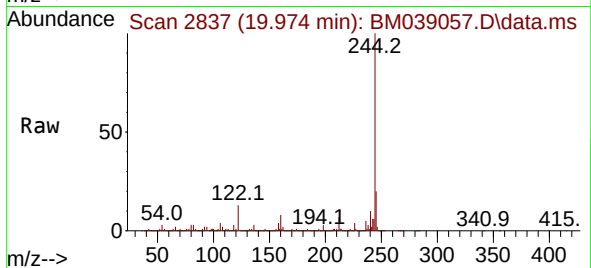
Tgt Ion:244 Resp: 6090113

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 12.8 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.322 ng

RT: 20.739 min Scan# 2967

Delta R.T. 0.065 min

Lab File: BM039057.D

Acq: 20 Mar 2023 23:04

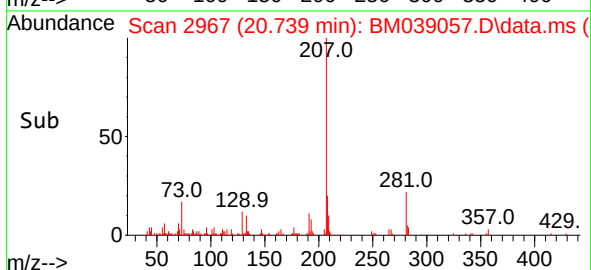
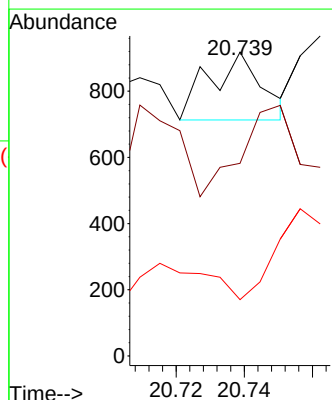
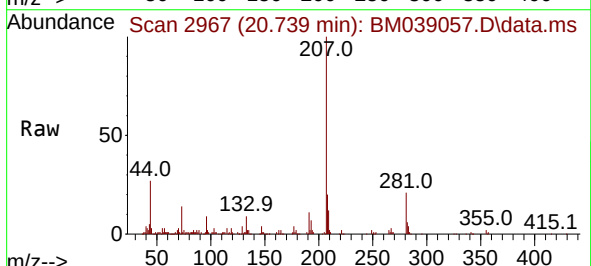
Tgt Ion:149 Resp: 219

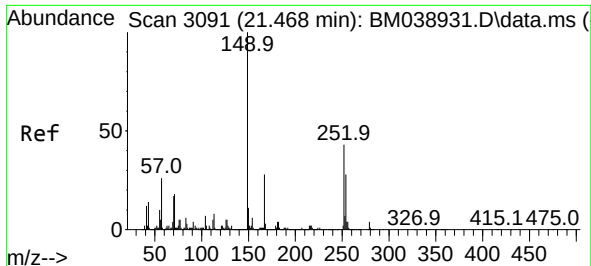
Ion Ratio Lower Upper

149 100

91 63.4 58.4 87.6

206 18.5 16.1 24.1

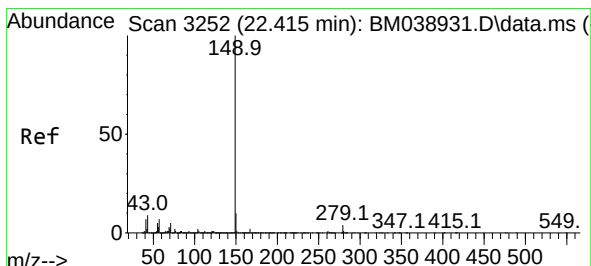
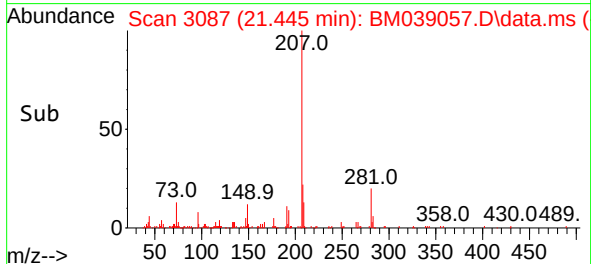
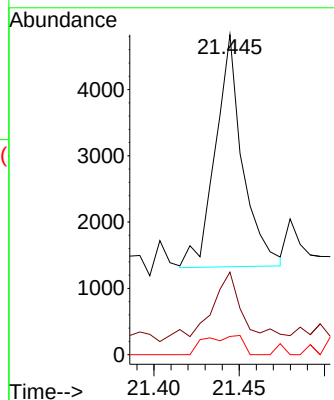
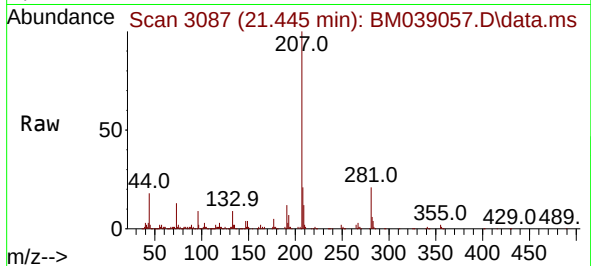




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.561 ng
RT: 21.445 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

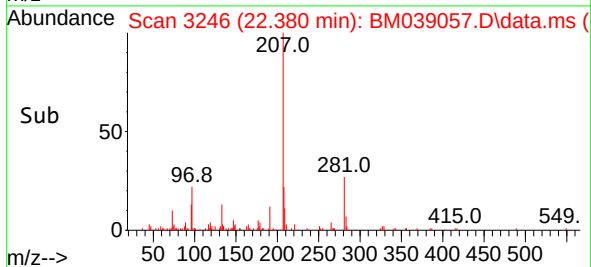
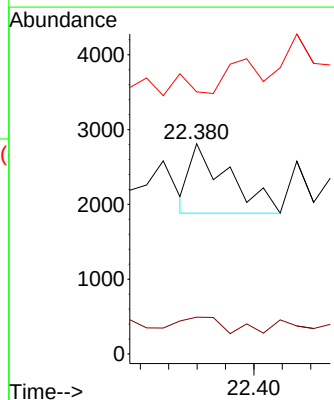
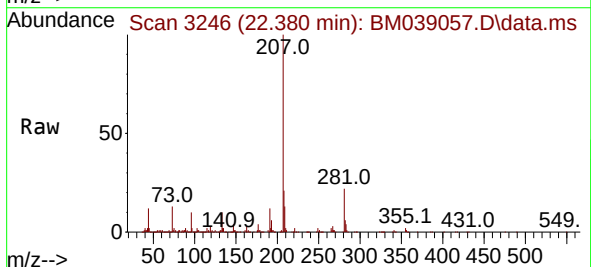
Instrument :
BNA_M
ClientSampleId :
MAPLE-5

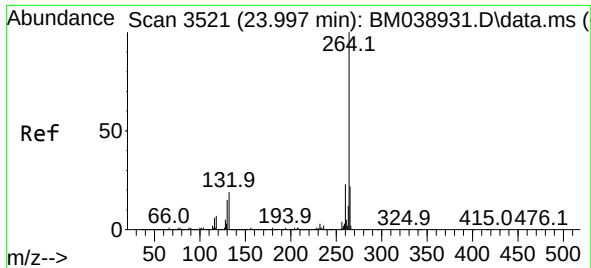
Tgt Ion:149 Resp: 3876
Ion Ratio Lower Upper
149 100
167 25.8 22.3 33.5
279 5.7 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.807 ng
RT: 22.380 min Scan# 3246
Delta R.T. -0.012 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Tgt Ion:149 Resp: 874
Ion Ratio Lower Upper
149 100
167 24.4 1.2 1.8#
43 41.0 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM039057.D
Acq: 20 Mar 2023 23:04

Instrument :
BNA_M
ClientSampleId :
MAPLE-5

Tgt Ion:264 Resp: 1216268

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.2	17.9	26.9

