

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039085.D
 Acq On : 22 Mar 2023 10:24
 Operator : CG/JU
 Sample : PB151573BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151573BL

Quant Time: Mar 23 04:19:27 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)

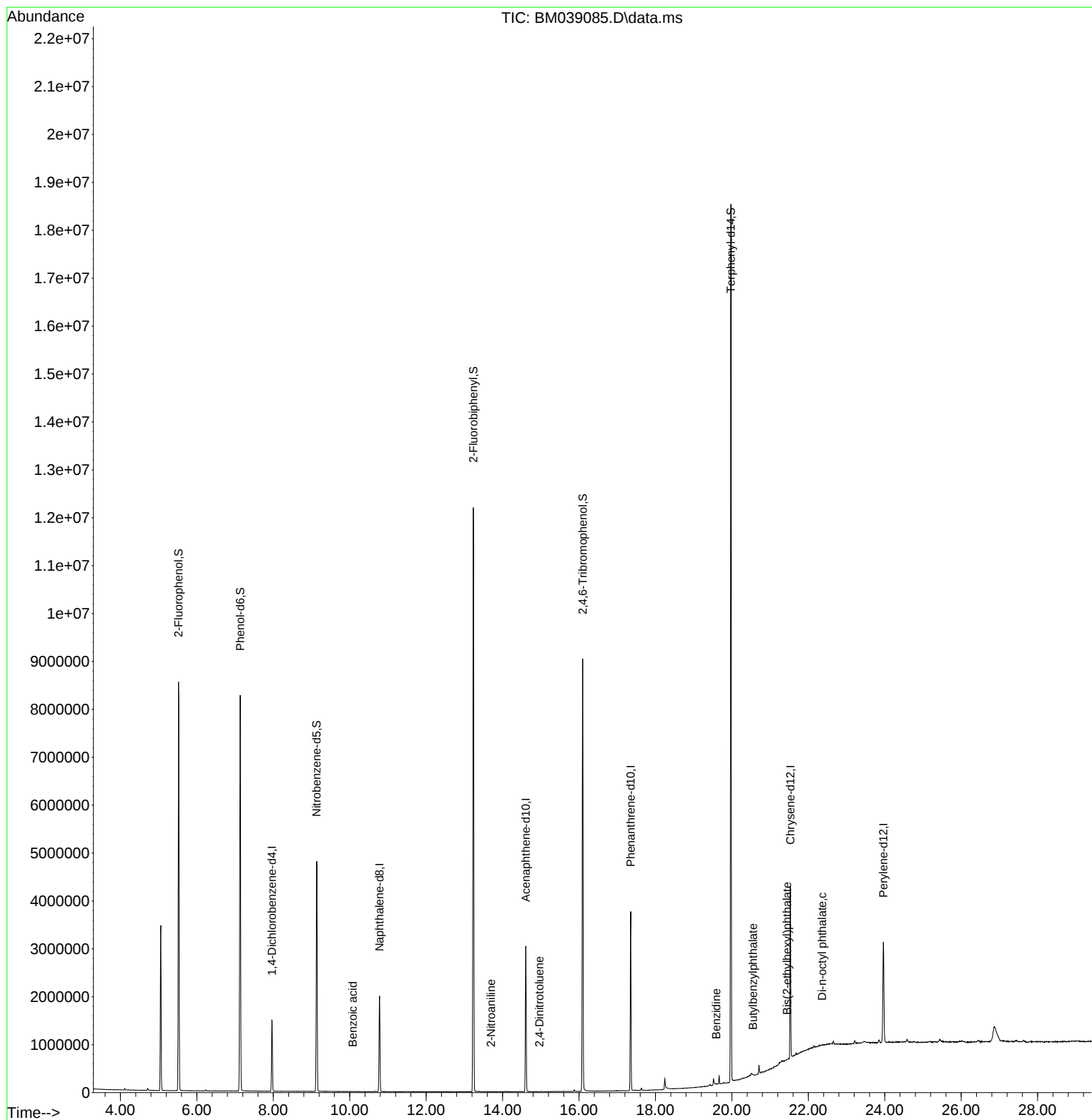
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	396551	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1637183	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	1041840	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	2175532	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1627020	20.000	ng	0.00
86) Perylene-d12	23.962	264	1513067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3775492	144.649	ng	0.00
7) Phenol-d6	7.134	99	4867706	143.579	ng	0.00
23) Nitrobenzene-d5	9.134	82	2865675	85.980	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1693616	140.521	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	6359800	79.467	ng	0.00
79) Terphenyl-d14	19.974	244	8638345	97.072	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.081	122	346	5.748	ng	# 45
48) 2-Nitroaniline	13.698	65	126	2.221	ng	# 6
57) 2,4-Dinitrotoluene	14.963	165	58	2.074	ng	# 19
77) Benzidine	19.592	184	7304	5.053	ng	# 95
80) Butylbenzylphthalate	20.551	149	334	3.322	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.445	149	3784	2.533	ng	# 91
85) Di-n-octyl phthalate	22.362	149	852	3.803	ng	# 1

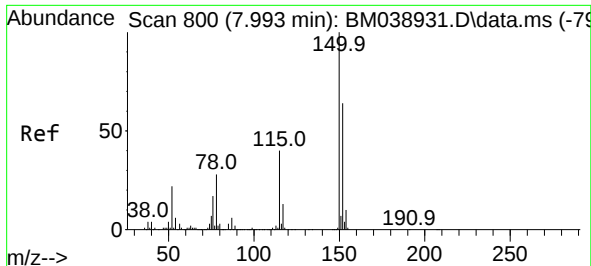
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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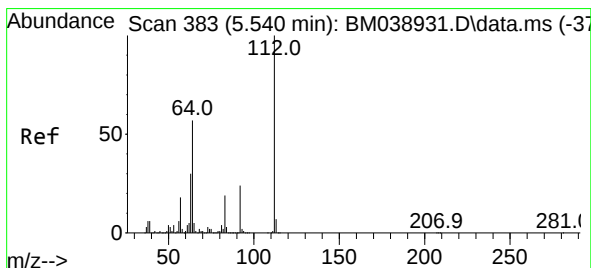
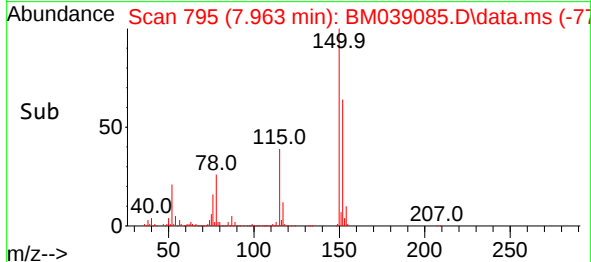
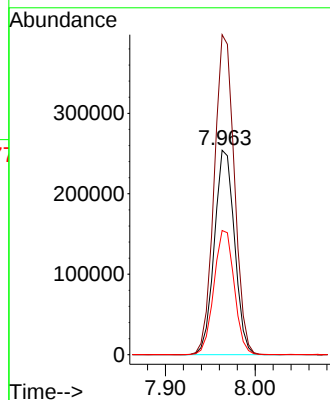
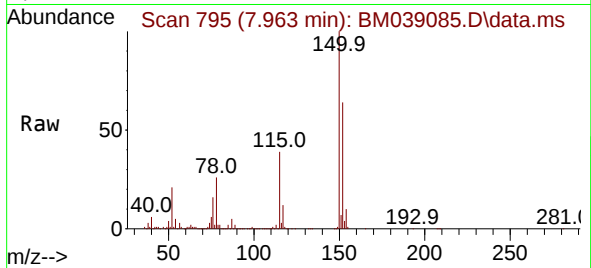




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.963 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM039085.D
 Acq: 22 Mar 2023 10:24

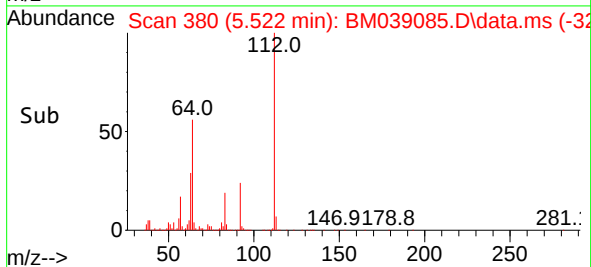
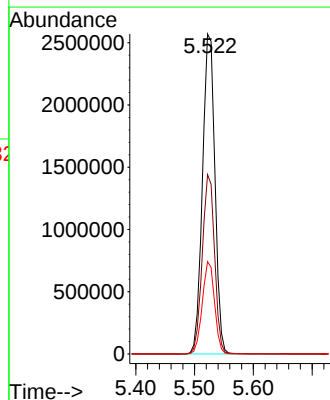
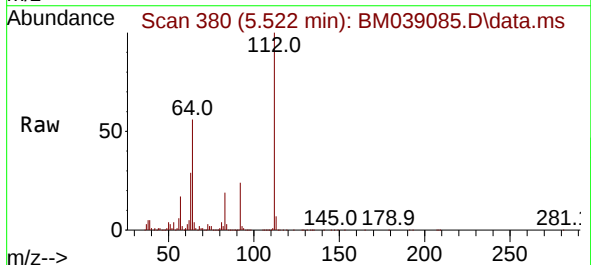
Instrument :
 BNA_M
 ClientSampleId :
 PB151573BL

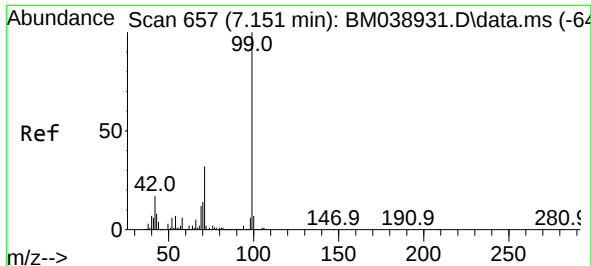
Tgt Ion:152 Resp: 396551
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.1 187.7
 115 60.7 49.6 74.4



#5
 2-Fluorophenol
 Concen: 144.649 ng
 RT: 5.522 min Scan# 380
 Delta R.T. 0.000 min
 Lab File: BM039085.D
 Acq: 22 Mar 2023 10:24

Tgt Ion:112 Resp: 3775492
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.9 68.9
 63 28.9 23.8 35.8



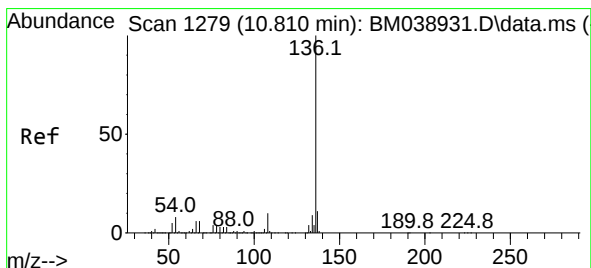
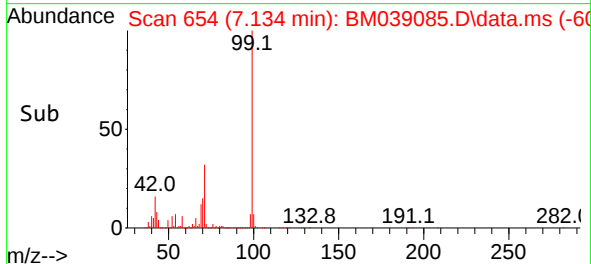
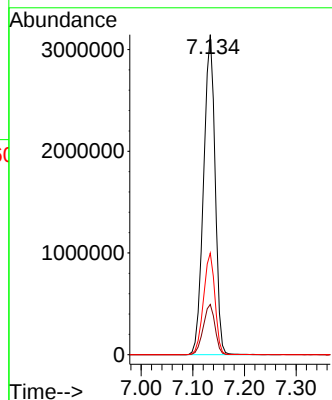
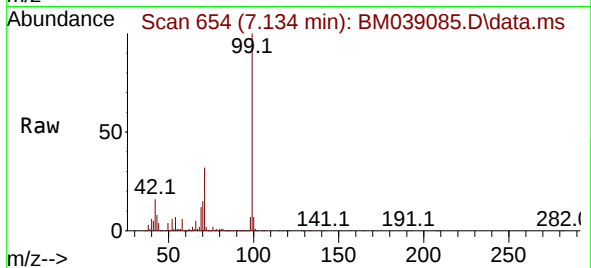


#7
Phenol-d6
Concen: 143.579 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Instrument :
BNA_M
ClientSampleId :
PB151573BL

Tgt Ion: 99 Resp: 4867706

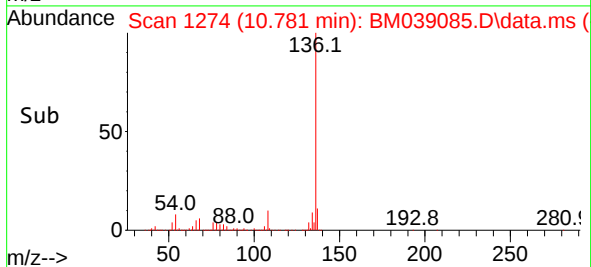
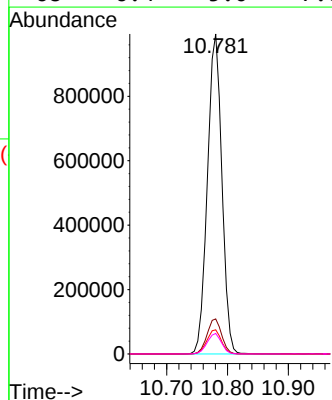
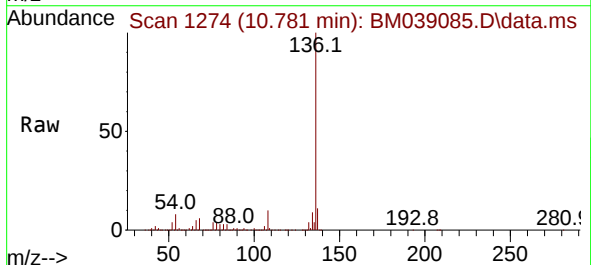
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.7	25.6	38.4

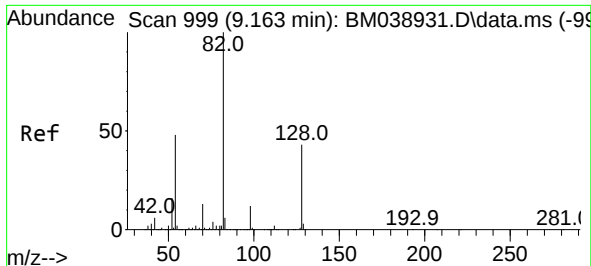


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Tgt Ion: 136 Resp: 1637183

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.5	6.3	9.5
68	6.4	5.0	7.6

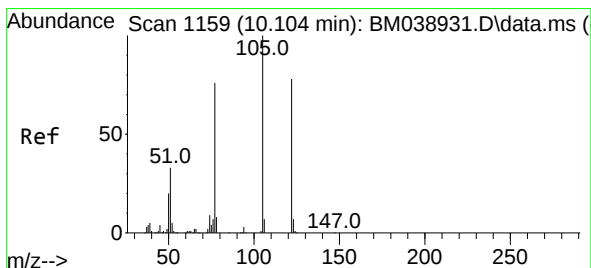
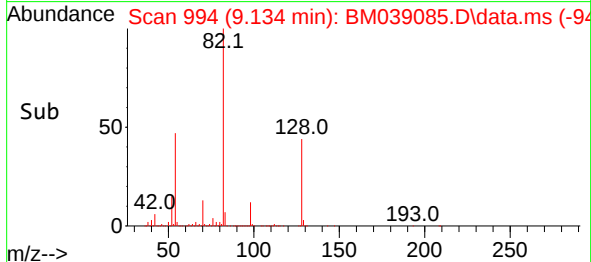
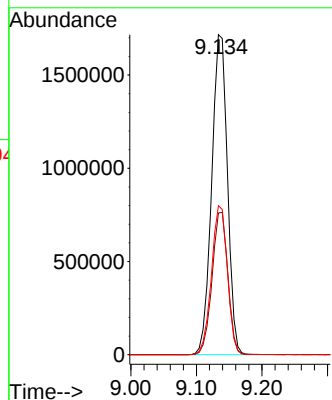
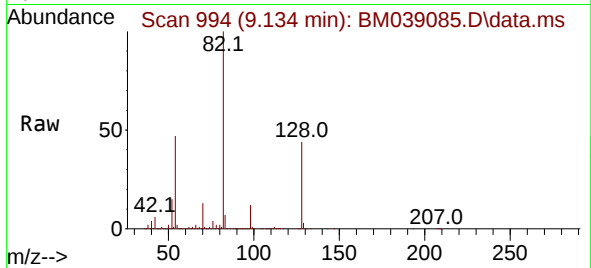




#23
Nitrobenzene-d5
Concen: 85.980 ng
RT: 9.134 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

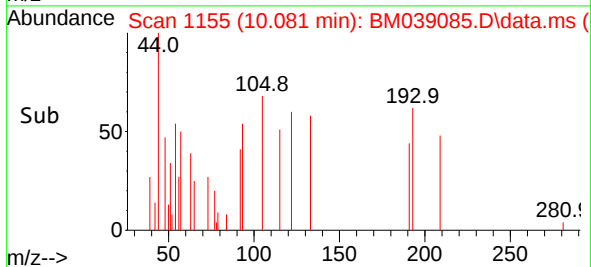
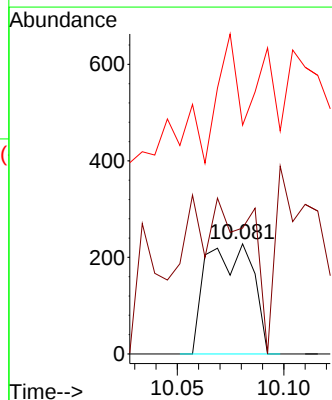
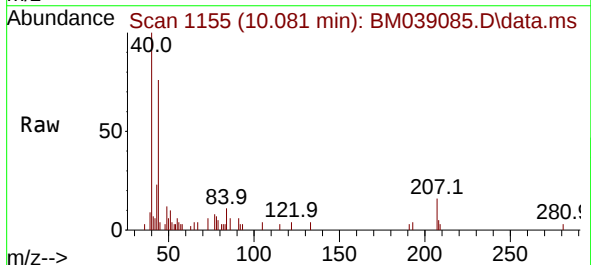
Instrument :
BNA_M
ClientSampleId :
PB151573BL

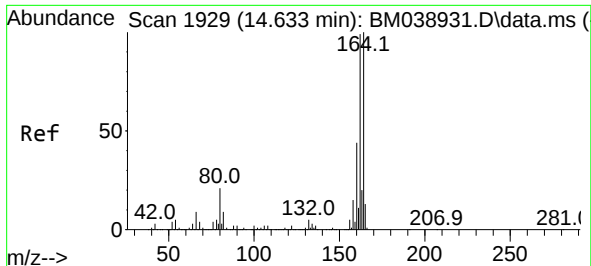
Tgt Ion: 82 Resp: 2865675
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 46.5 38.8 58.2



#32
Benzoic acid
Concen: 5.748 ng
RT: 10.081 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Tgt Ion: 122 Resp: 346
Ion Ratio Lower Upper
122 100
105 114.5 104.2 144.2
77 207.9 75.1 115.1#

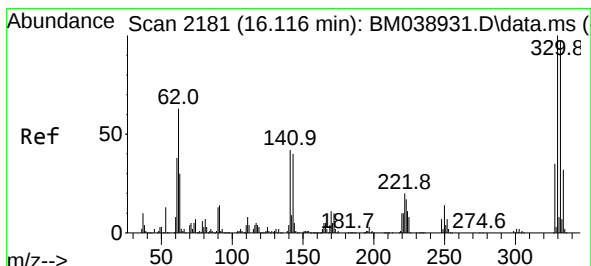
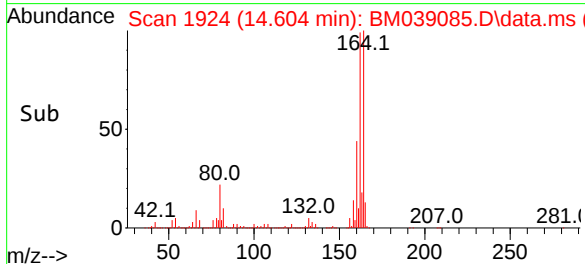
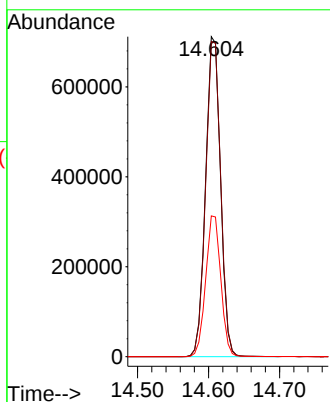
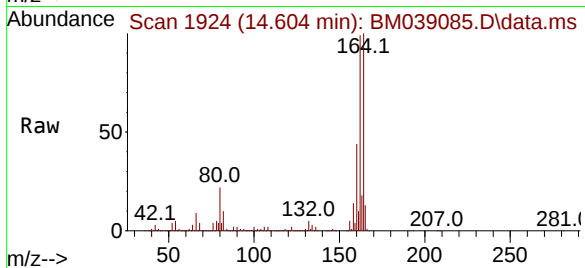




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

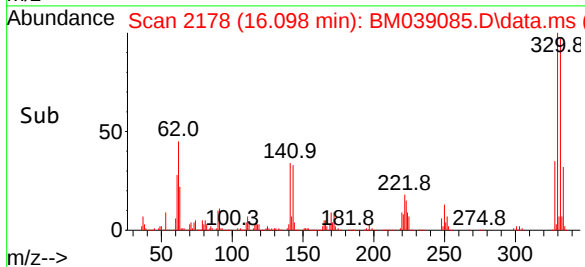
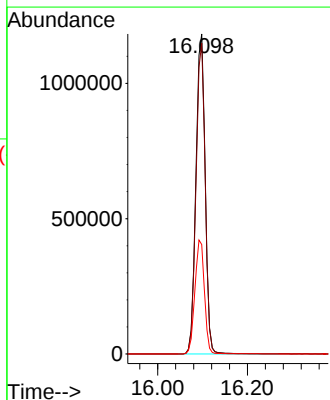
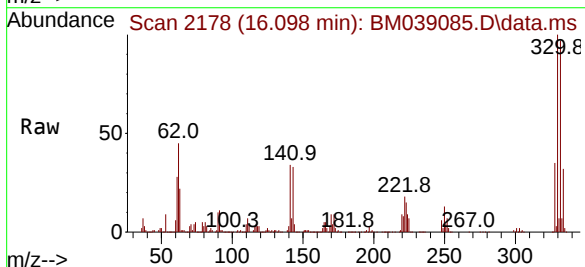
Instrument :
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ClientSampleId :
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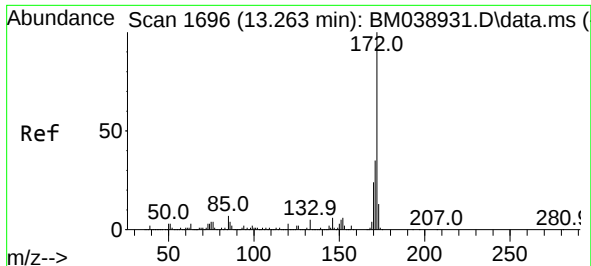
Tgt Ion:164 Resp: 1041840
Ion Ratio Lower Upper
164 100
162 98.5 79.2 118.8
160 44.0 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 140.521 ng
RT: 16.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Tgt Ion:330 Resp: 1693616
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 36.6 32.2 48.4

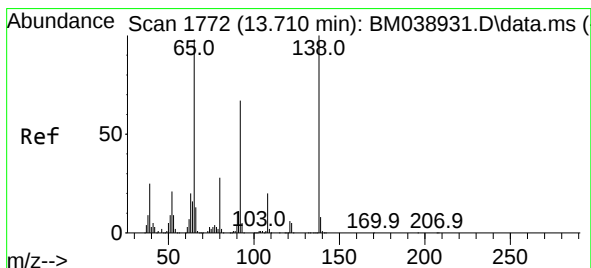
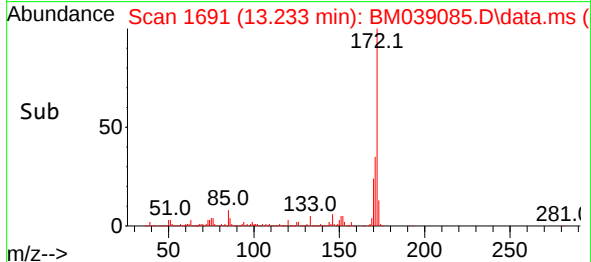
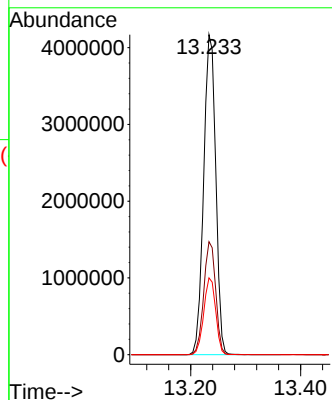
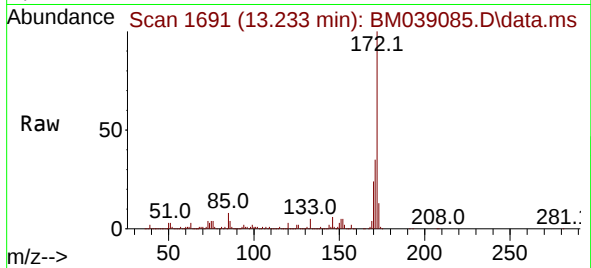




#45
2-Fluorobiphenyl
Concen: 79.467 ng
RT: 13.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

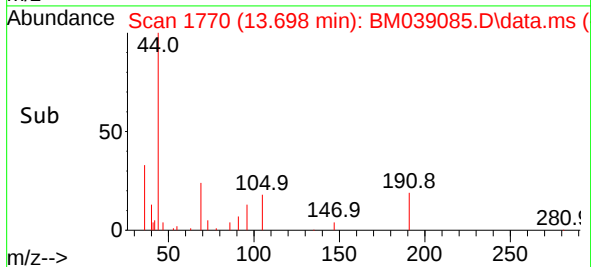
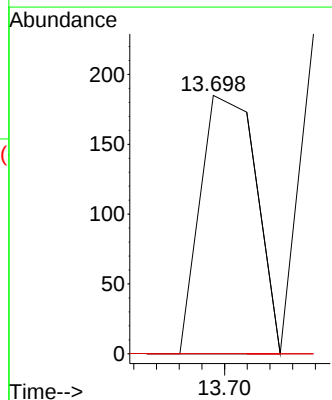
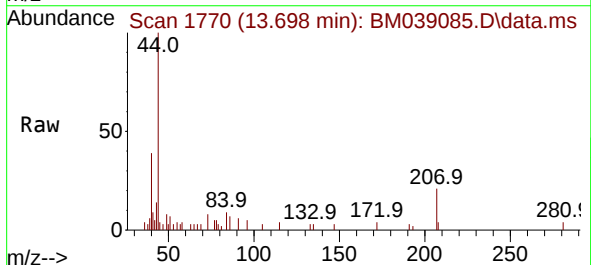
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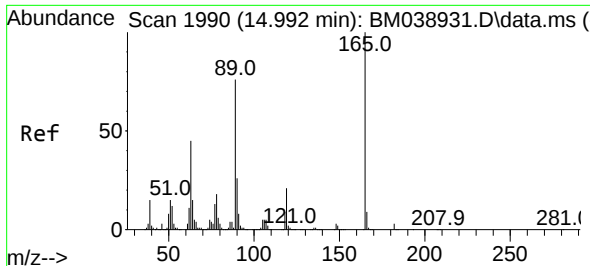
Tgt Ion:172 Resp: 6359800
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.0 19.1 28.7



#48
2-Nitroaniline
Concen: 2.221 ng
RT: 13.698 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

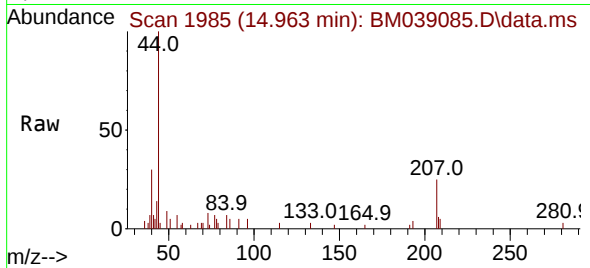
Tgt Ion: 65 Resp: 126
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 81.6 122.4#



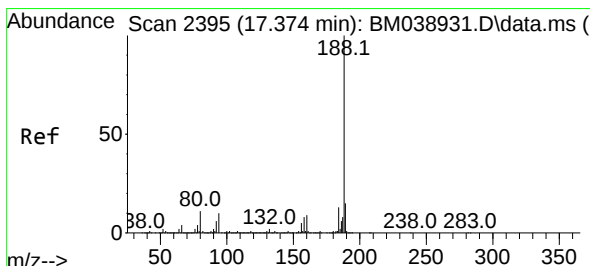
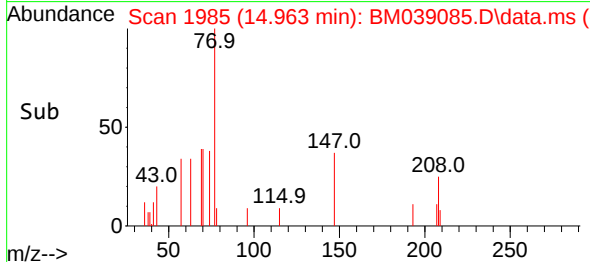
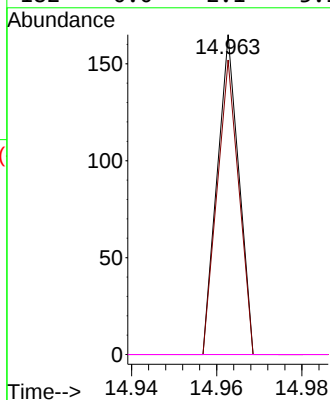


#57
2,4-Dinitrotoluene
Concen: 2.074 ng
RT: 14.963 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Instrument :
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ClientSampleId :
PB151573BL

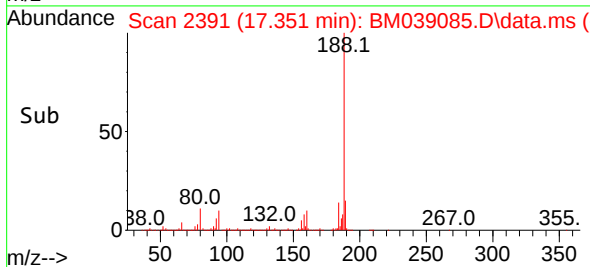
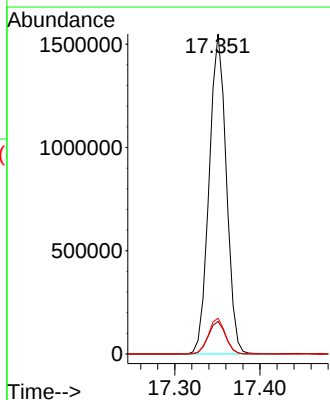
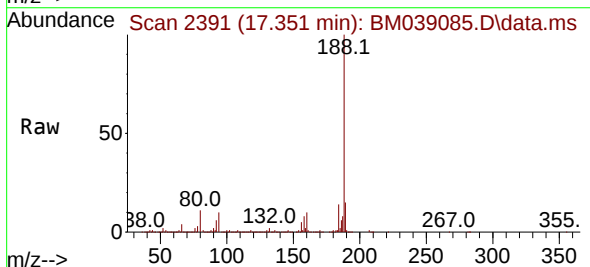


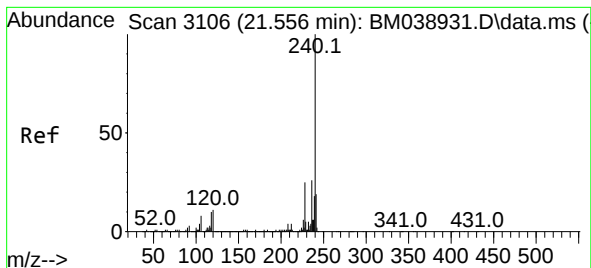
Tgt Ion:165 Resp: 58
Ion Ratio Lower Upper
165 100
63 92.1 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Tgt Ion:188 Resp: 2175532
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.2 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039085.D

Acq: 22 Mar 2023 10:24

Instrument :

BNA_M

ClientSampleId :

PB151573BL

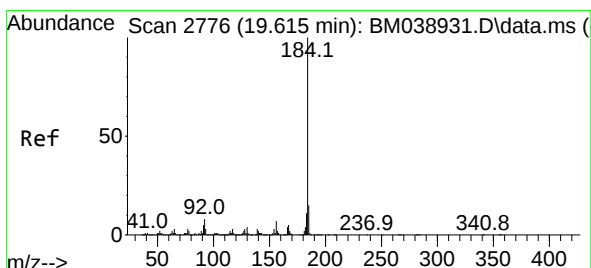
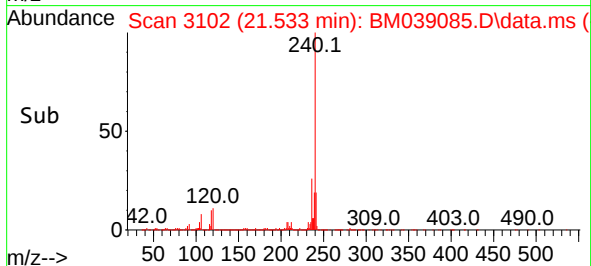
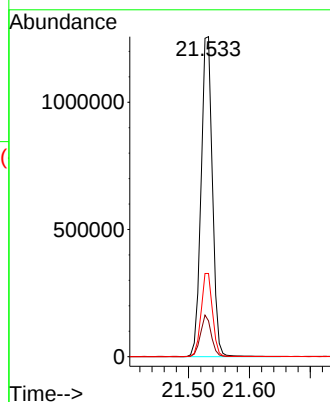
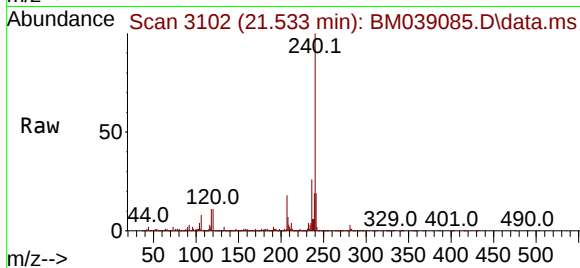
Tgt Ion:240 Resp: 1627020

Ion Ratio Lower Upper

240 100

120 11.2 9.2 13.8

236 26.0 20.8 31.2



#77

Benzidine

Concen: 5.053 ng

RT: 19.592 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BM039085.D

Acq: 22 Mar 2023 10:24

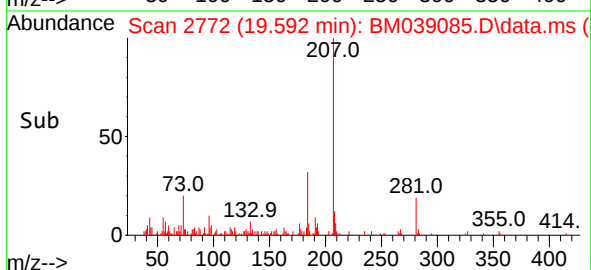
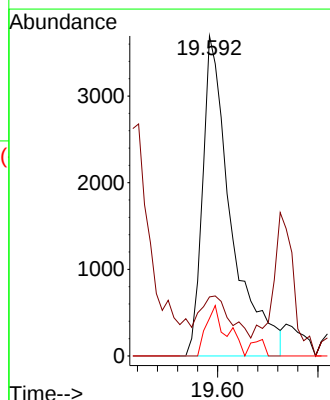
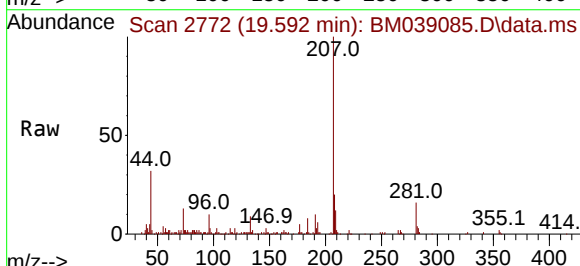
Tgt Ion:184 Resp: 7304

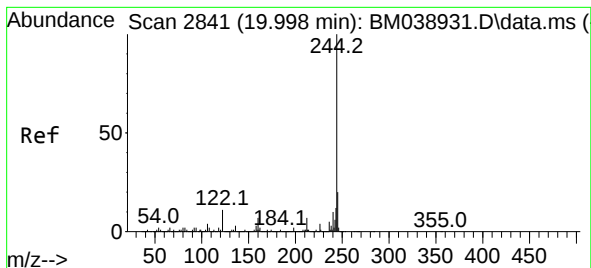
Ion Ratio Lower Upper

184 100

185 18.4 12.2 18.4#

183 11.7 8.8 13.2





#79

Terphenyl-d14

Concen: 97.072 ng

RT: 19.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039085.D

Acq: 22 Mar 2023 10:24

Instrument :

BNA_M

ClientSampleId :

PB151573BL

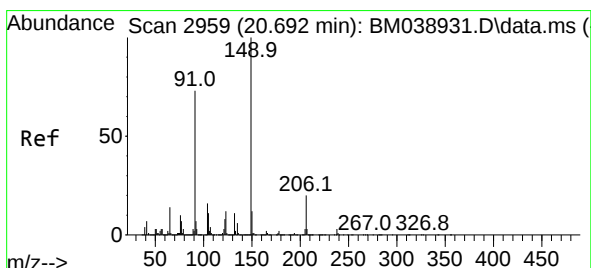
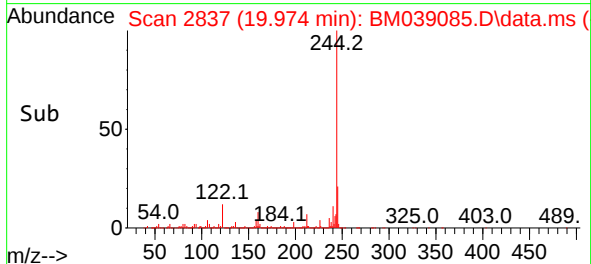
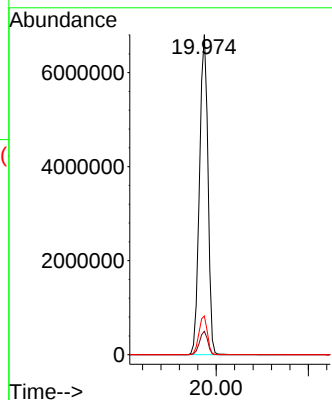
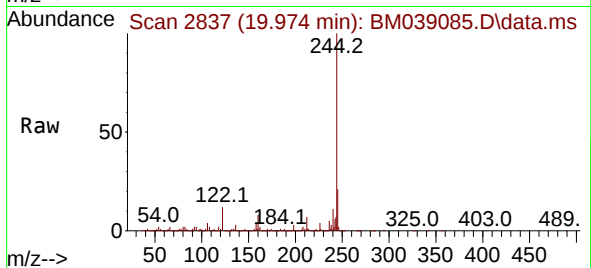
Tgt Ion:244 Resp: 8638345

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 12.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.322 ng

RT: 20.551 min Scan# 2935

Delta R.T. -0.112 min

Lab File: BM039085.D

Acq: 22 Mar 2023 10:24

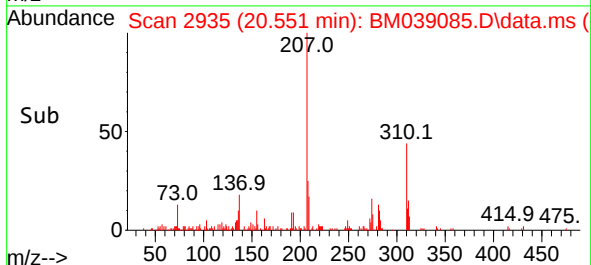
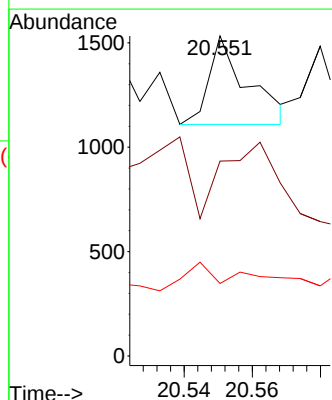
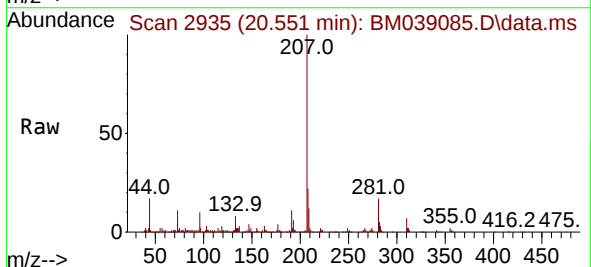
Tgt Ion:149 Resp: 334

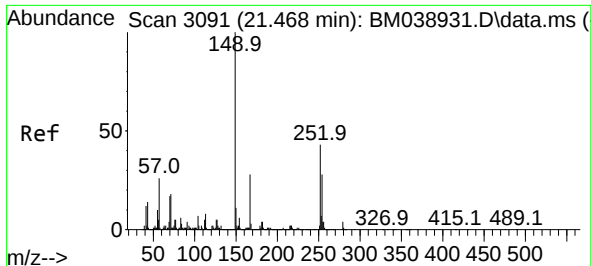
Ion Ratio Lower Upper

149 100

91 60.9 58.4 87.6

206 22.6 16.1 24.1

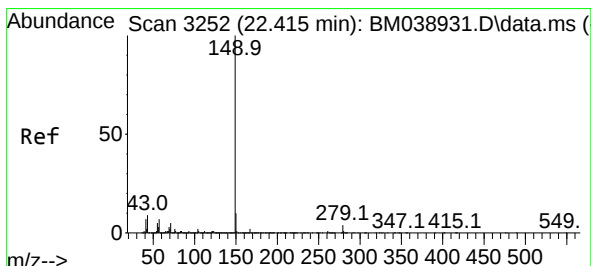
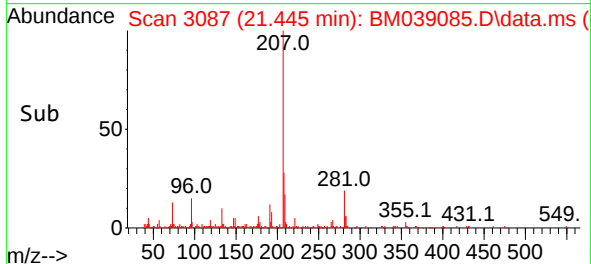
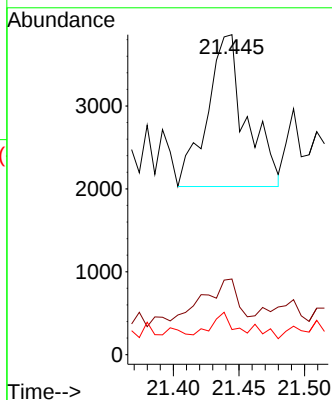
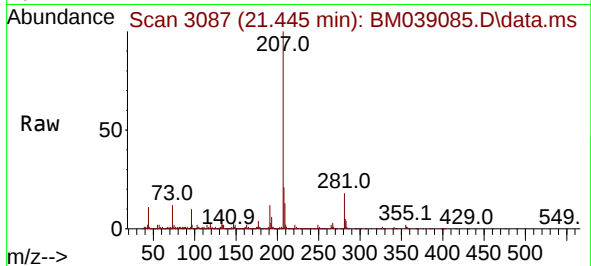




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.533 ng
 RT: 21.445 min Scan# 3091
 Delta R.T. 0.006 min
 Lab File: BM039085.D
 Acq: 22 Mar 2023 10:24

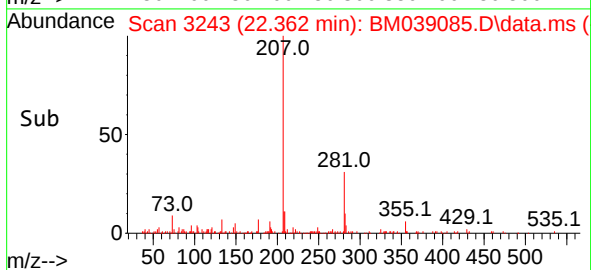
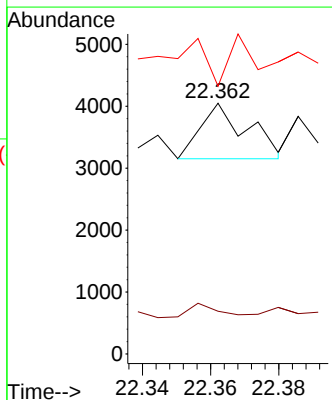
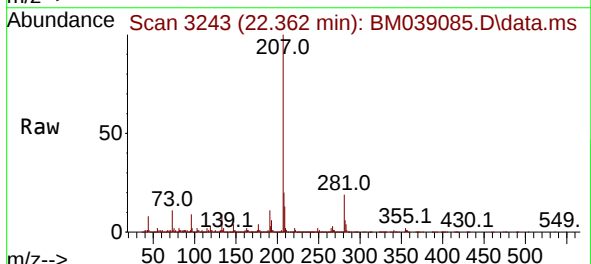
Instrument :
 BNA_M
 ClientSampleId :
 PB151573BL

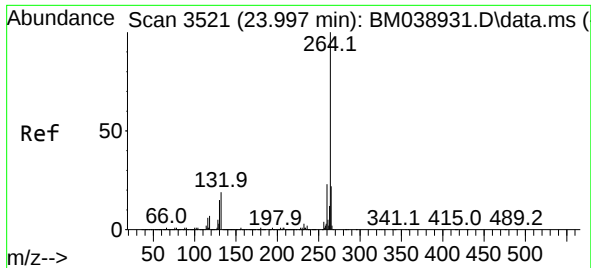
Tgt Ion:149 Resp: 3784
 Ion Ratio Lower Upper
 149 100
 167 23.7 22.3 33.5
 279 7.8 3.2 4.8#



#85
 Di-n-octyl phthalate
 Concen: 3.803 ng
 RT: 22.362 min Scan# 3243
 Delta R.T. -0.012 min
 Lab File: BM039085.D
 Acq: 22 Mar 2023 10:24

Tgt Ion:149 Resp: 852
 Ion Ratio Lower Upper
 149 100
 167 16.5 1.2 1.8#
 43 62.6 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039085.D
Acq: 22 Mar 2023 10:24

Instrument :
BNA_M
ClientSampleId :
PB151573BL

Tgt Ion:264 Resp: 1513067

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.0	17.9	26.9

