

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039099.D
 Acq On : 22 Mar 2023 19:27
 Operator : CG/JU
 Sample : 02032-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-2

Quant Time: Mar 23 04:25:47 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)

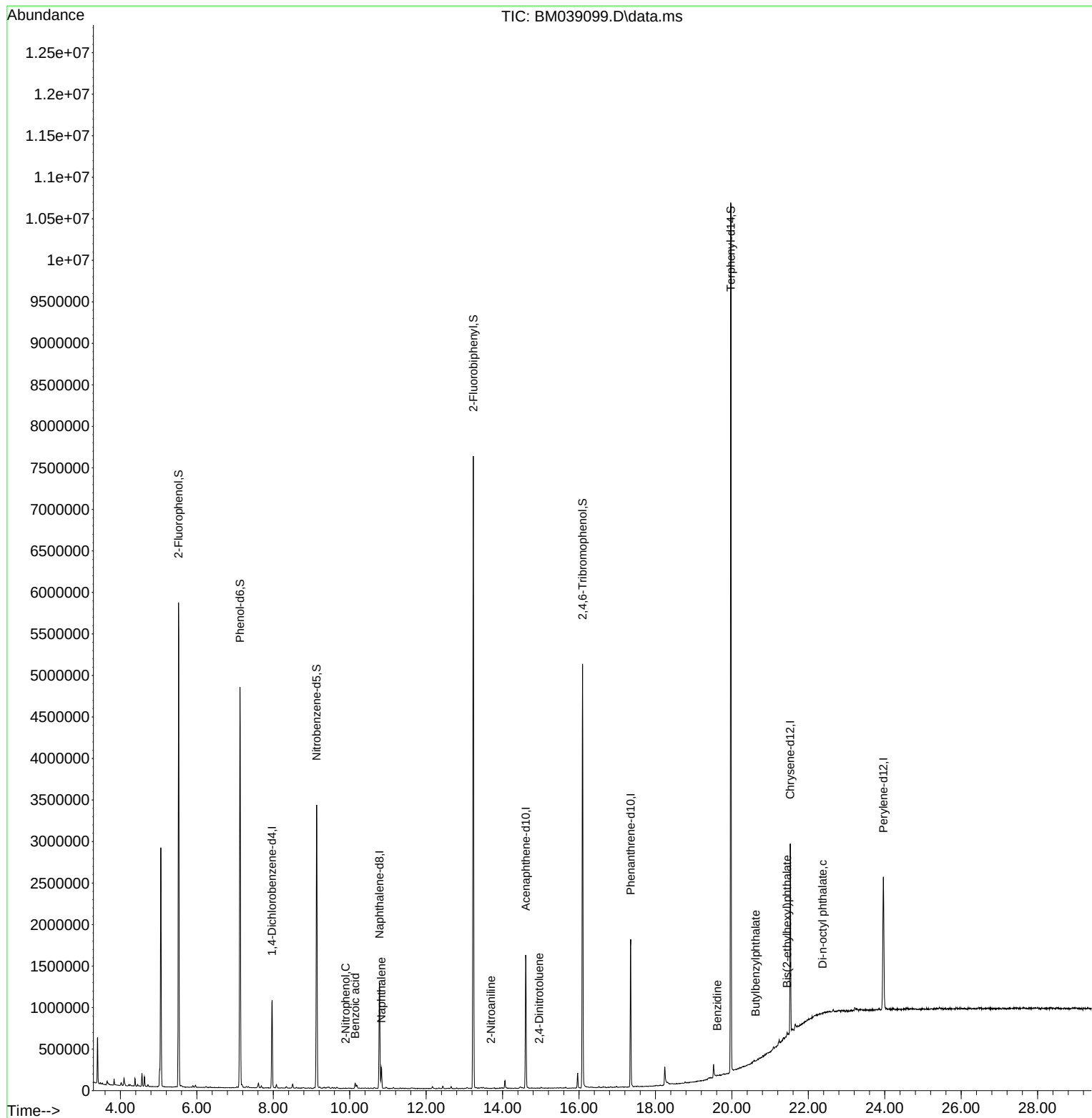
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	278748	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1040686	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	543865	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1047688	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1011032	20.000	ng	0.00
86) Perylene-d12	23.962	264	1169031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2463347	134.262	ng	0.00
7) Phenol-d6	7.128	99	2723631	114.288	ng	0.00
23) Nitrobenzene-d5	9.134	82	1929916	91.093	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	863920	137.312	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	3695677	88.460	ng	0.00
79) Terphenyl-d14	19.974	244	5040006	91.143	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.892	139	264	3.016	ng	# 1
31) Naphthalene	10.828	128	198479	3.345	ng	99
32) Benzoic acid	10.139	122	248	5.750	ng	# 1
48) 2-Nitroaniline	13.698	65	127	2.226	ng	# 39
57) 2,4-Dinitrotoluene	14.957	165	205	2.087	ng	# 23
77) Benzidine	19.615	184	4684	5.059	ng	# 78
80) Butylbenzylphthalate	20.621	149	698	3.336	ng	98
84) Bis(2-ethylhexyl)phtha...	21.445	149	9640	2.681	ng	91
85) Di-n-octyl phthalate	22.374	149	1053	3.809	ng	# 1

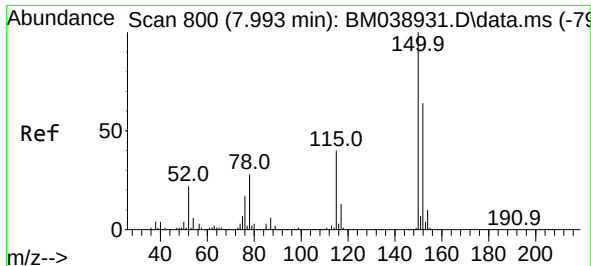
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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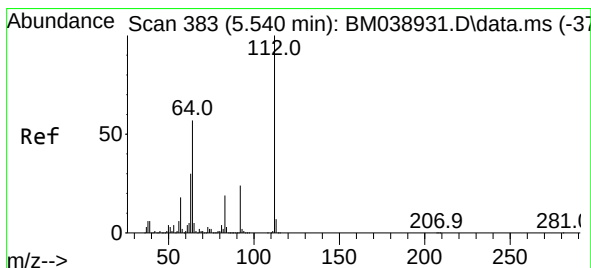
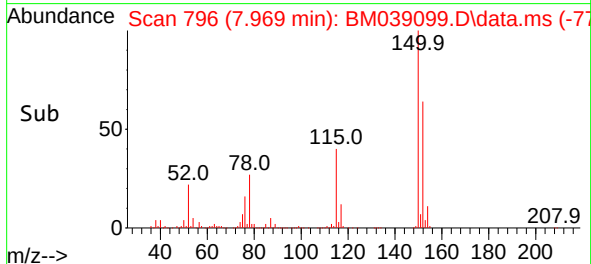
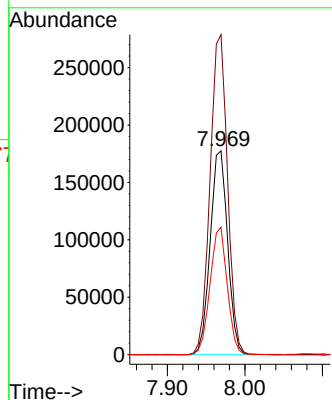
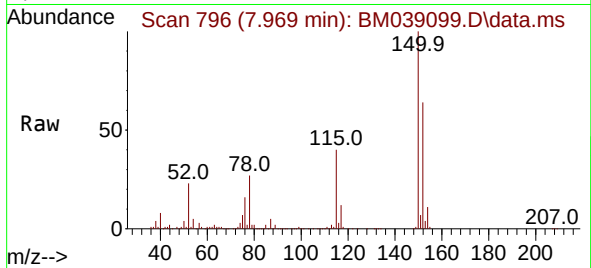




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM039099.D
 Acq: 22 Mar 2023 19:27

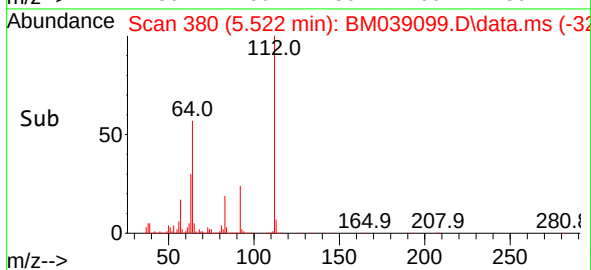
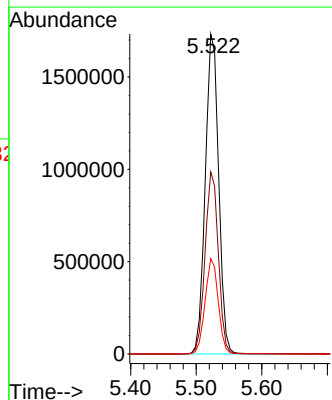
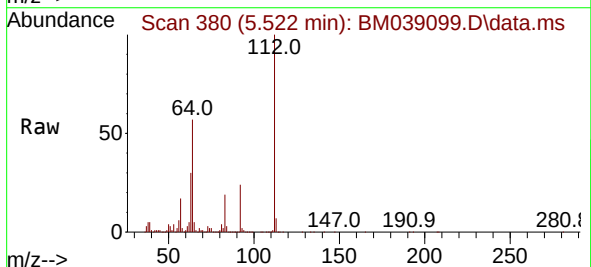
Instrument :
 BNA_M
 ClientSampleId :
 S-2

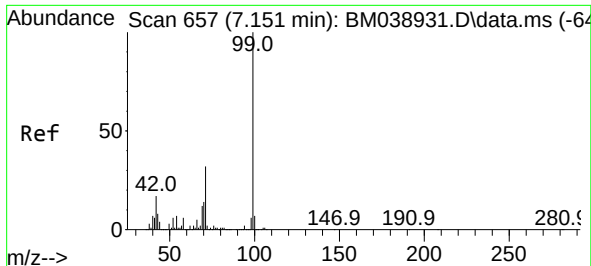
Tgt Ion:152 Resp: 278748
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.1 187.7
 115 62.6 49.6 74.4



#5
 2-Fluorophenol
 Concen: 134.262 ng
 RT: 5.522 min Scan# 380
 Delta R.T. 0.000 min
 Lab File: BM039099.D
 Acq: 22 Mar 2023 19:27

Tgt Ion:112 Resp: 2463347
 Ion Ratio Lower Upper
 112 100
 64 56.9 45.9 68.9
 63 29.8 23.8 35.8

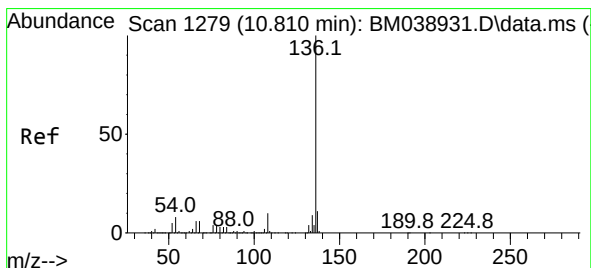
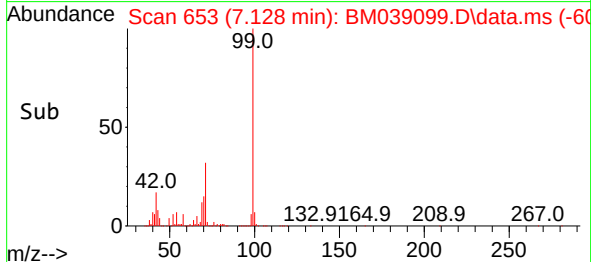
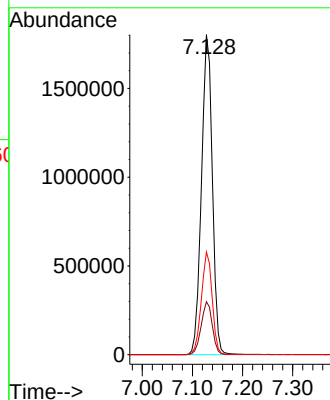
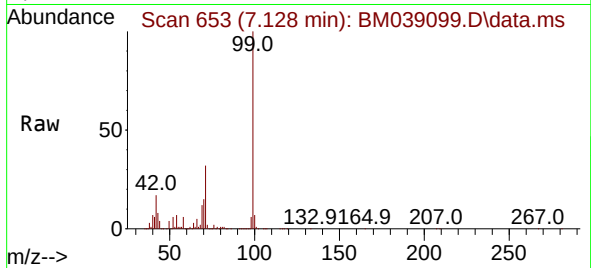




#7
Phenol-d6
Concen: 114.288 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

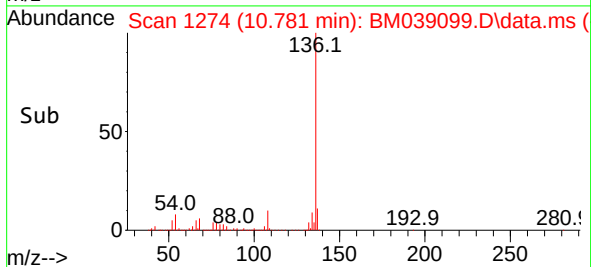
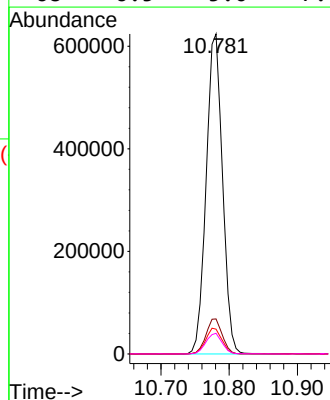
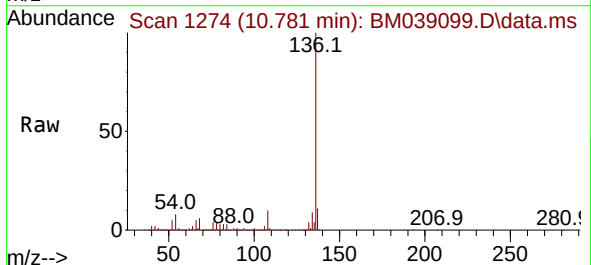
Instrument :
BNA_M
ClientSampleId :
S-2

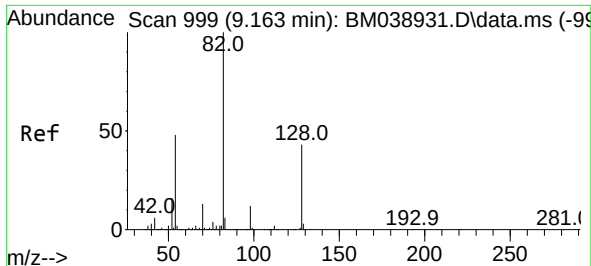
Tgt Ion: 99 Resp: 2723631
Ion Ratio Lower Upper
99 100
42 16.6 13.5 20.3
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Tgt Ion: 136 Resp: 1040686
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.3 9.5
68 6.5 5.0 7.6

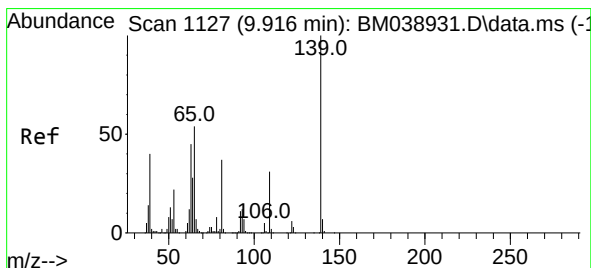
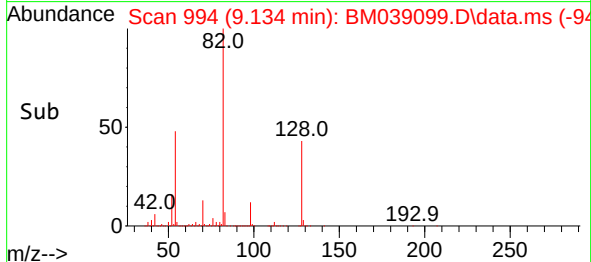
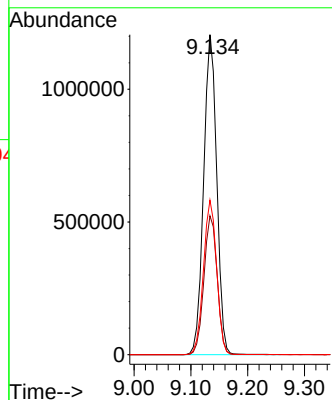
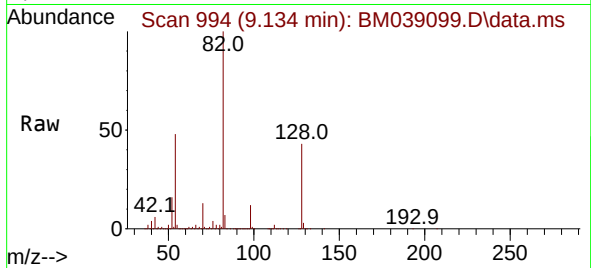




#23
Nitrobenzene-d5
Concen: 91.093 ng
RT: 9.134 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

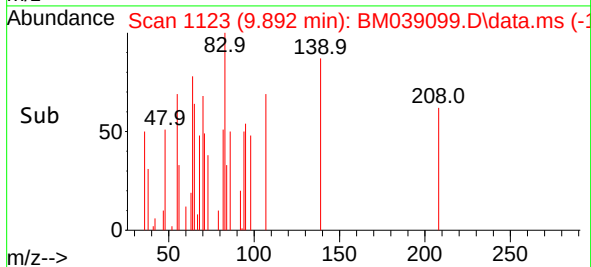
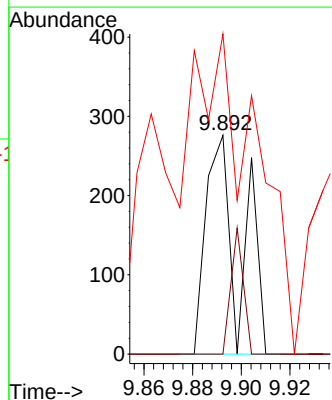
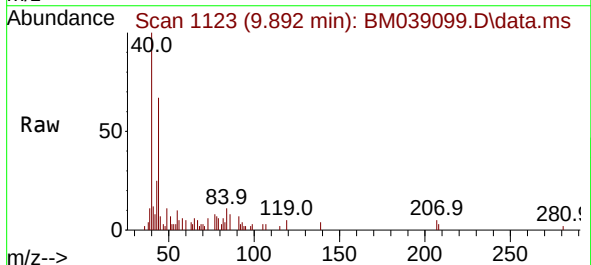
Instrument :
BNA_M
ClientSampleId :
S-2

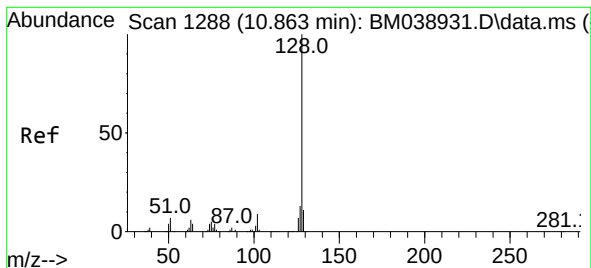
Tgt Ion: 82 Resp: 1929916
Ion Ratio Lower Upper
82 100
128 43.4 34.4 51.6
54 48.3 38.8 58.2



#26
2-Nitrophenol
Concen: 3.016 ng
RT: 9.892 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Tgt Ion: 139 Resp: 264
Ion Ratio Lower Upper
139 100
109 0.0 24.5 36.7#
65 146.4 43.0 64.6#

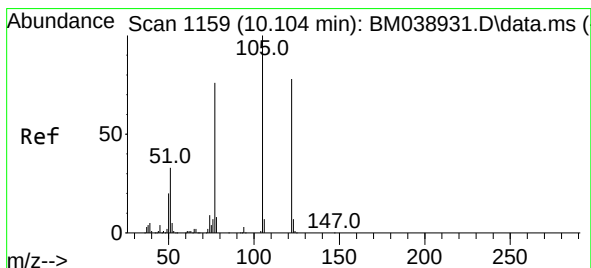
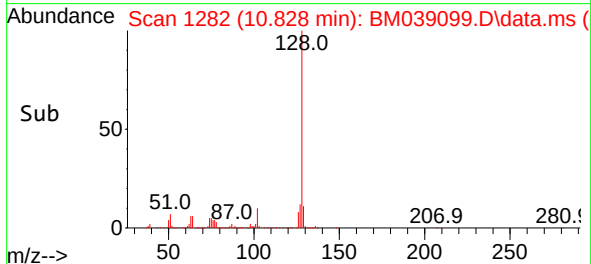
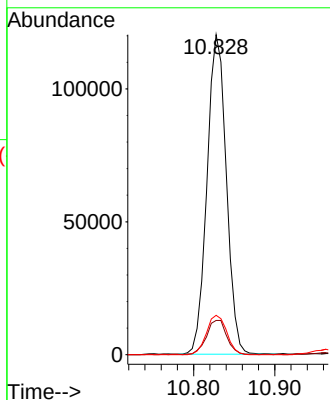
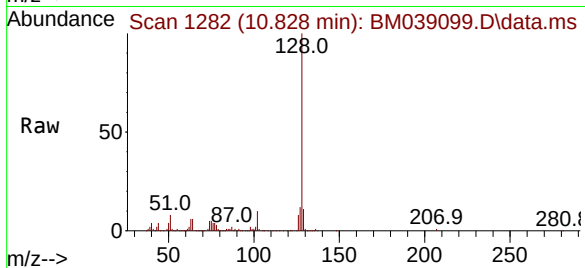




#31
Naphthalene
Concen: 3.345 ng
RT: 10.828 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

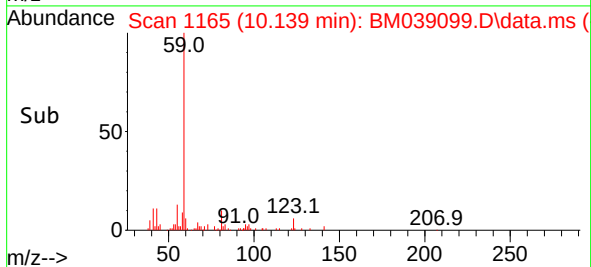
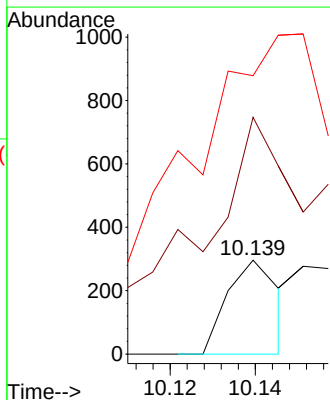
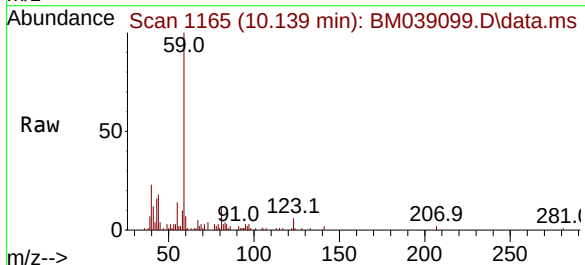
Instrument :
BNA_M
ClientSampleId :
S-2

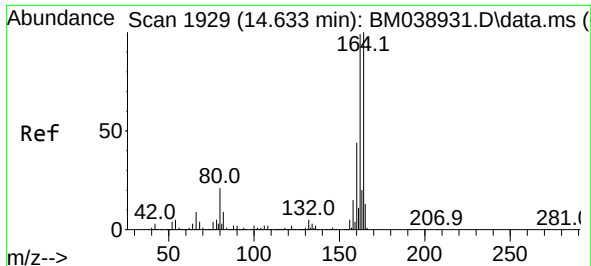
Tgt Ion:128 Resp: 198479
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.3 10.2 15.4



#32
Benzoic acid
Concen: 5.750 ng
RT: 10.139 min Scan# 1165
Delta R.T. 0.053 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Tgt Ion:122 Resp: 248
Ion Ratio Lower Upper
122 100
105 252.4 104.2 144.2#
77 296.6 75.1 115.1#

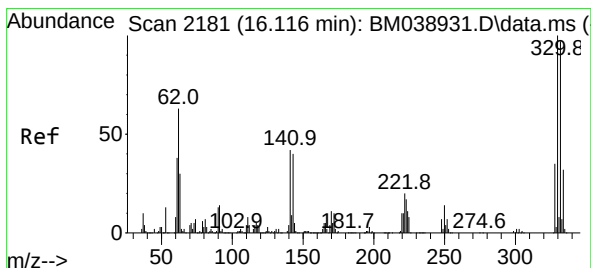
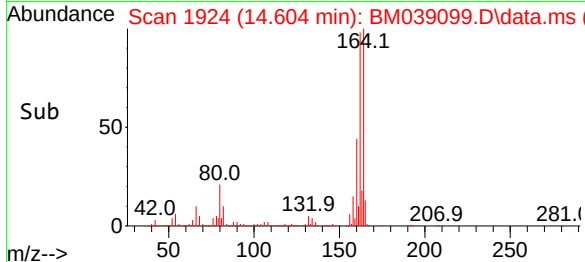
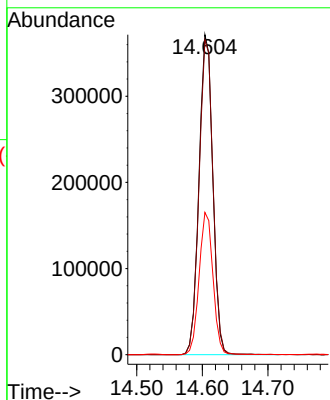
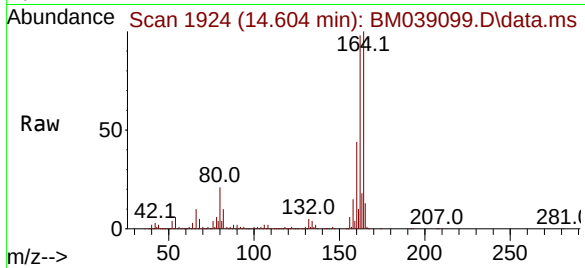




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

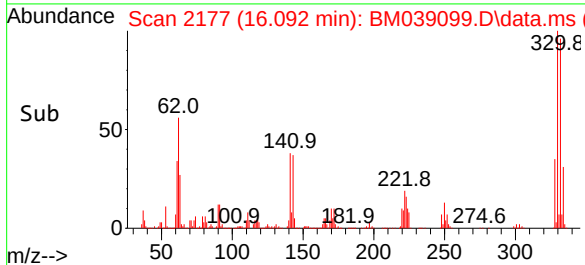
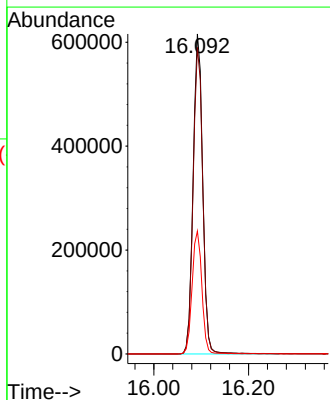
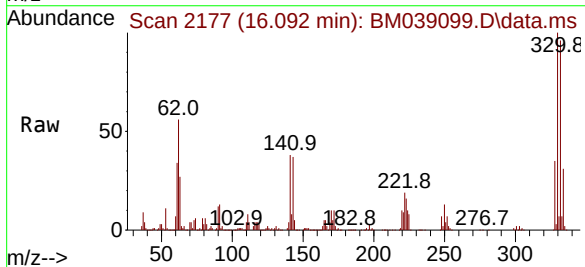
Instrument :
BNA_M
ClientSampleId :
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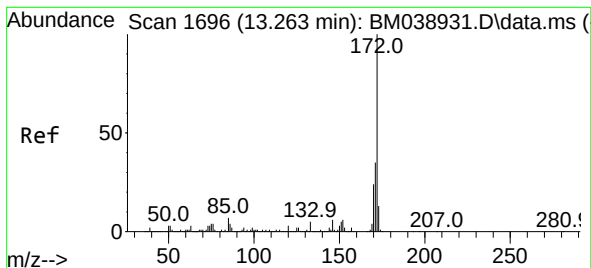
Tgt Ion:164 Resp: 543865
Ion Ratio Lower Upper
164 100
162 98.3 79.2 118.8
160 44.5 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 137.312 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Tgt Ion:330 Resp: 863920
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 39.2 32.2 48.4

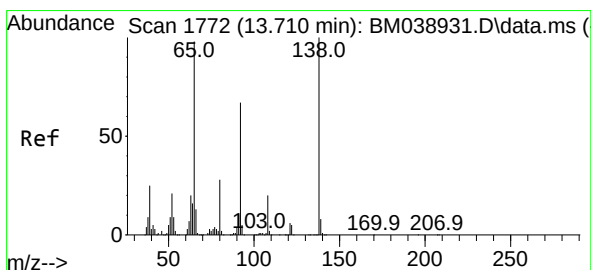
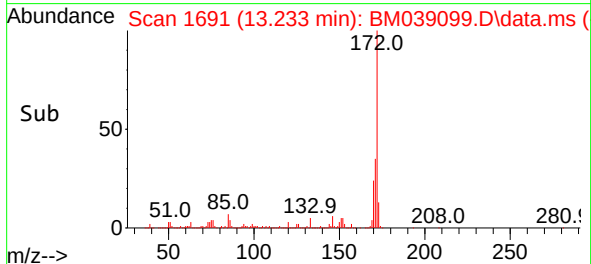
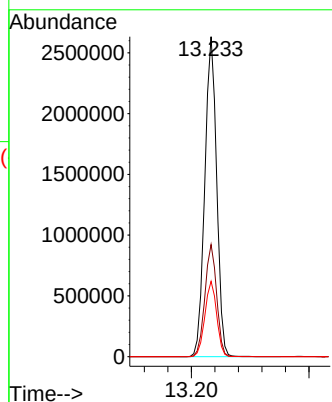
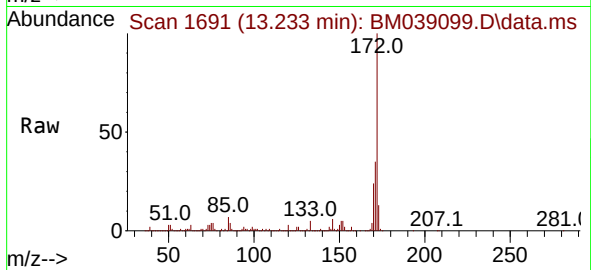




#45
2-Fluorobiphenyl
Concen: 88.460 ng
RT: 13.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

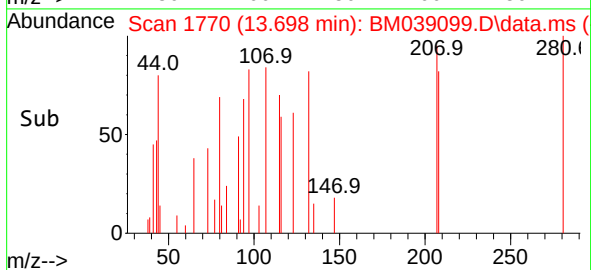
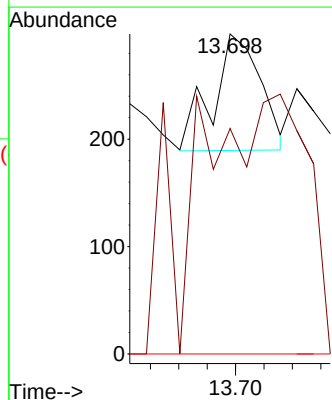
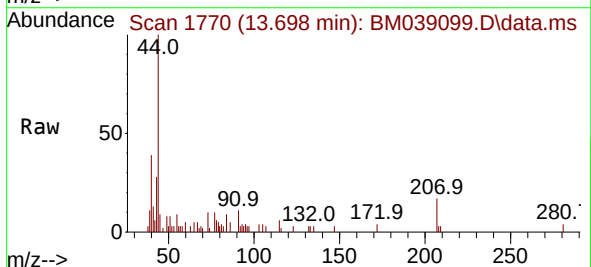
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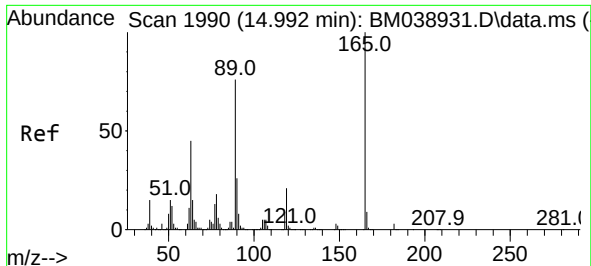
Tgt Ion:172 Resp: 3695677
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.6 19.1 28.7



#48
2-Nitroaniline
Concen: 2.226 ng
RT: 13.698 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Tgt Ion: 65 Resp: 127
Ion Ratio Lower Upper
65 100
92 70.5 54.9 82.3
138 0.0 81.6 122.4#

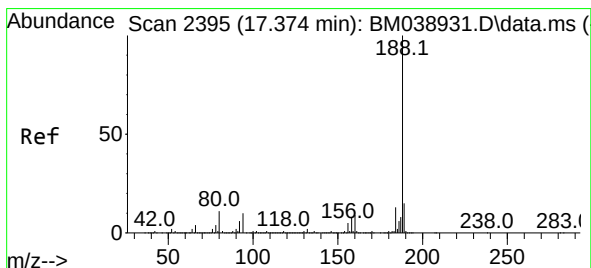
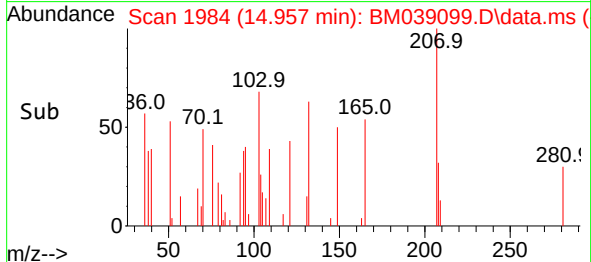
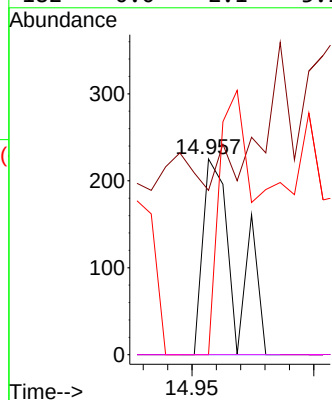
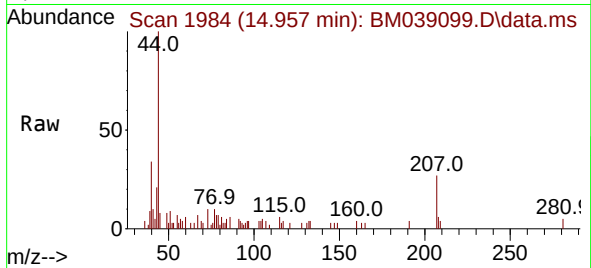




#57
2,4-Dinitrotoluene
Concen: 2.087 ng
RT: 14.957 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

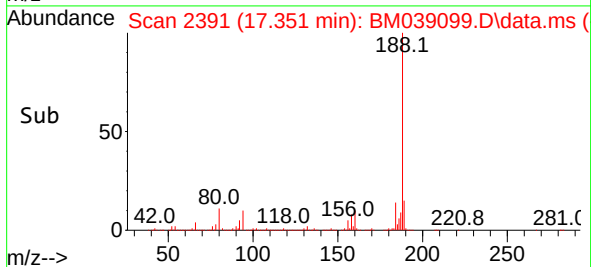
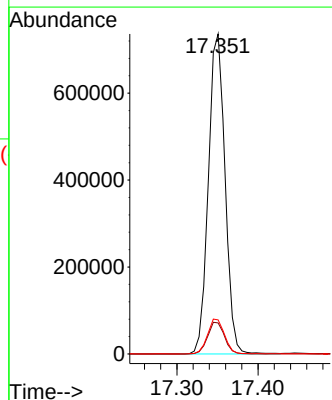
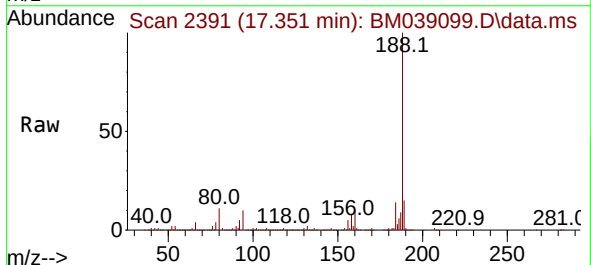
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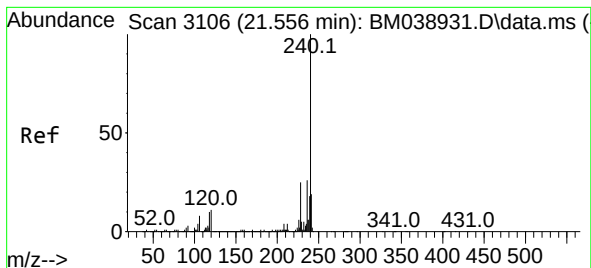
Tgt Ion:165 Resp: 205
Ion Ratio Lower Upper
165 100
63 84.0 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039099.D
Acq: 22 Mar 2023 19:27

Tgt Ion:188 Resp: 1047688
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.6 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

Instrument :

BNA_M

ClientSampleId :

S-2

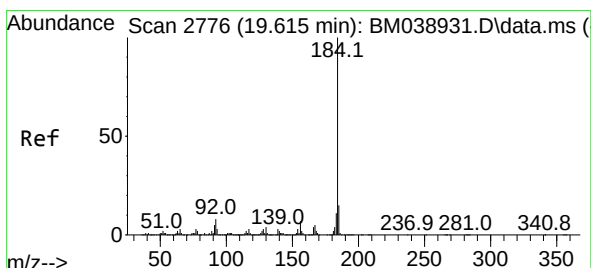
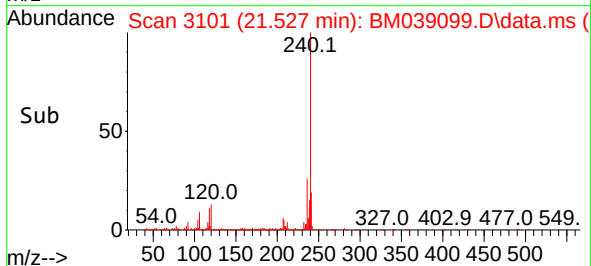
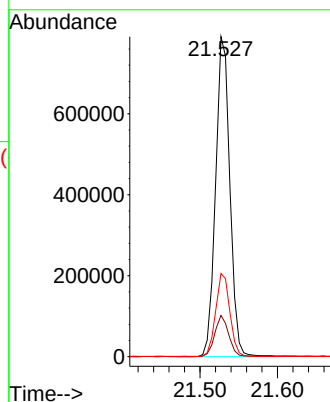
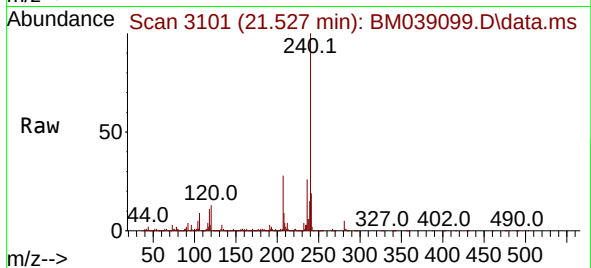
Tgt Ion:240 Resp: 1011032

Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 26.0 20.8 31.2



#77

Benzidine

Concen: 5.059 ng

RT: 19.615 min Scan# 2776

Delta R.T. 0.024 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

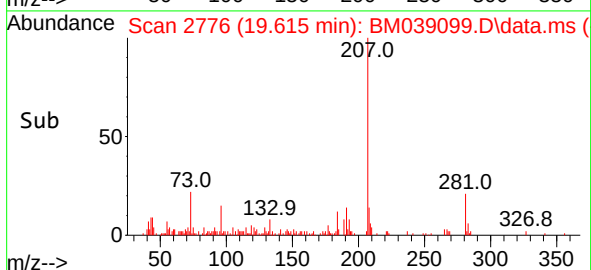
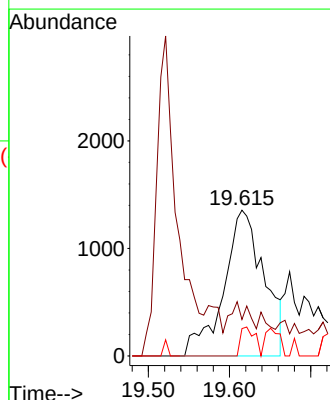
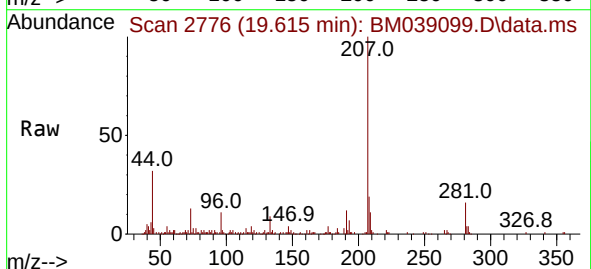
Tgt Ion:184 Resp: 4684

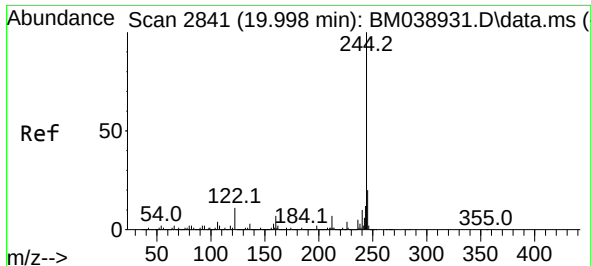
Ion Ratio Lower Upper

184 100

185 25.0 12.2 18.4#

183 18.7 8.8 13.2#

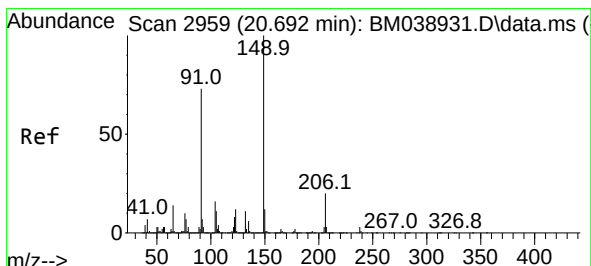
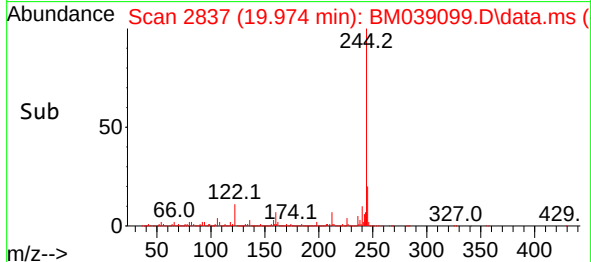
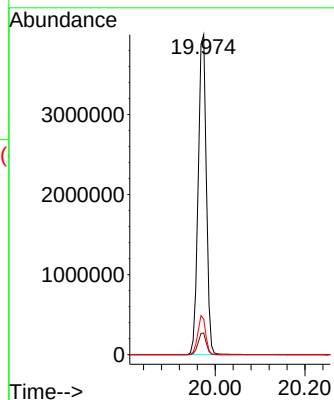
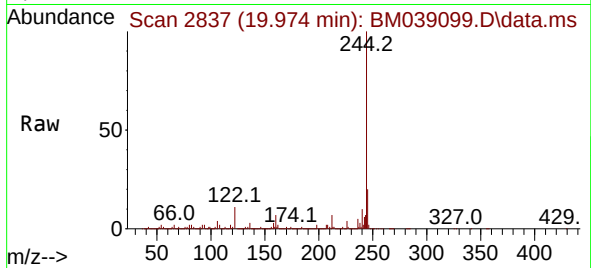




#79
 Terphenyl-d14
 Concen: 91.143 ng
 RT: 19.974 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM039099.D
 Acq: 22 Mar 2023 19:27

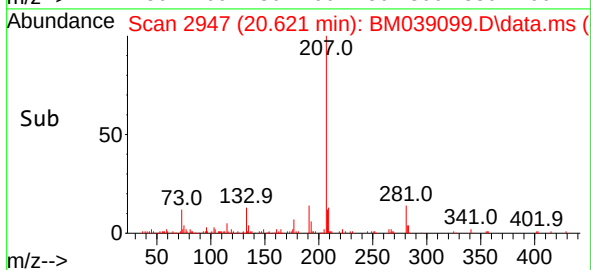
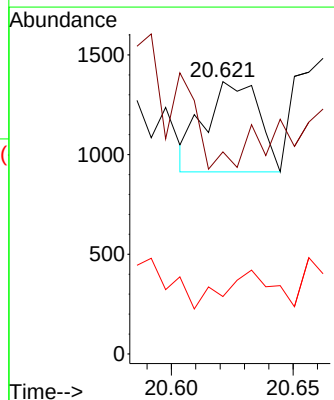
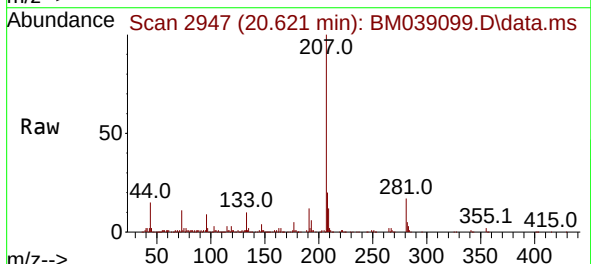
Instrument :
 BNA_M
 ClientSampleId :
 S-2

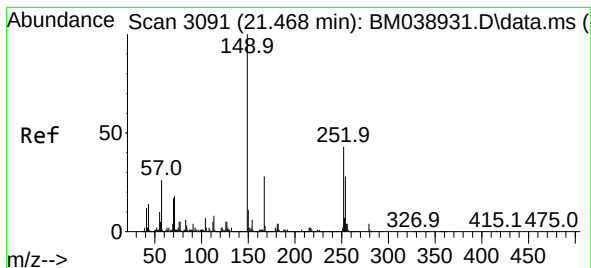
Tgt Ion:244 Resp: 5040006
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.1 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.336 ng
 RT: 20.621 min Scan# 2947
 Delta R.T. -0.041 min
 Lab File: BM039099.D
 Acq: 22 Mar 2023 19:27

Tgt Ion:149 Resp: 698
 Ion Ratio Lower Upper
 149 100
 91 74.2 58.4 87.6
 206 21.1 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.681 ng

RT: 21.445 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

Instrument :

BNA_M

ClientSampleId :

S-2

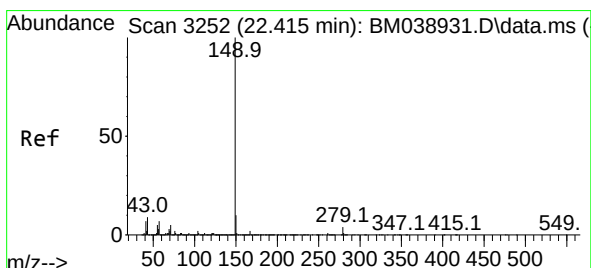
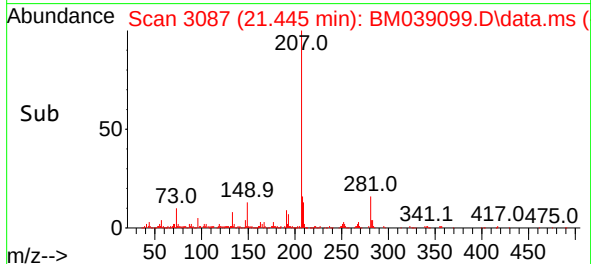
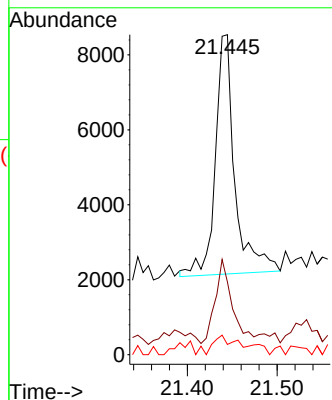
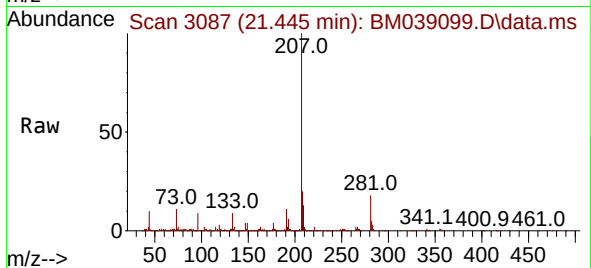
Tgt Ion:149 Resp: 9640

Ion Ratio Lower Upper

149 100

167 22.8 22.3 33.5

279 3.2 3.2 4.8



#85

Di-n-octyl phthalate

Concen: 3.809 ng

RT: 22.374 min Scan# 3245

Delta R.T. 0.000 min

Lab File: BM039099.D

Acq: 22 Mar 2023 19:27

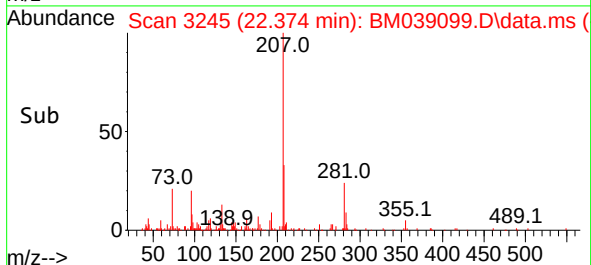
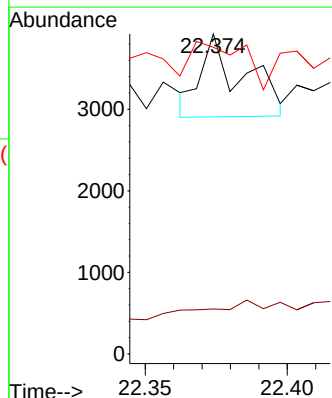
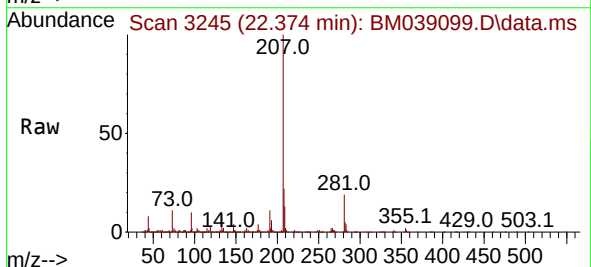
Tgt Ion:149 Resp: 1053

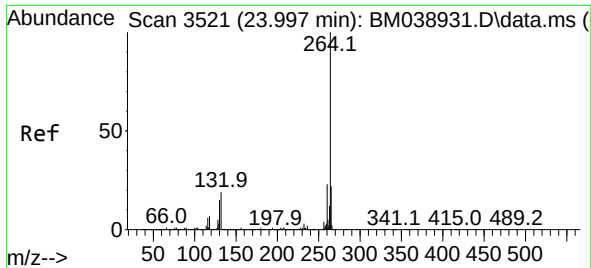
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 70.4 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: BM039099.D
Acq: 22 Mar 2023 19:27

Instrument :
BNA_M
ClientSampleId :
S-2

Tgt Ion:264 Resp: 1169031

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.2	17.9	26.9

