

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039157.D
 Acq On : 27 Mar 2023 12:16
 Operator : CG/JU
 Sample : PB151512BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151512BL

Quant Time: Mar 28 01:47:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

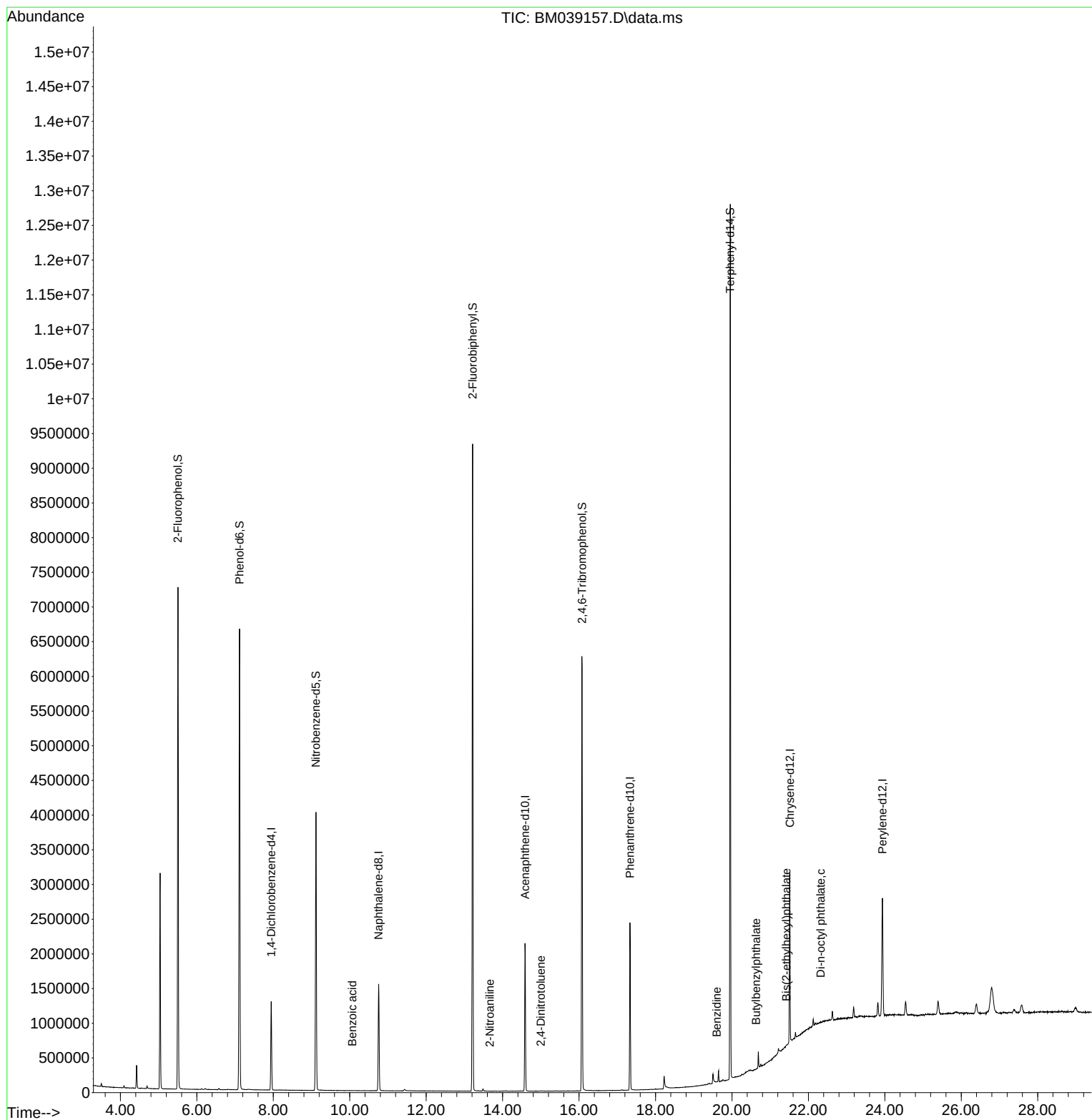
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	328518	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1286944	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	704197	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1365016	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1139425	20.000	ng	0.00
86) Perylene-d12	23.938	264	1243254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	3136774	145.066	ng	0.00
7) Phenol-d6	7.116	99	3849176	137.048	ng	0.00
23) Nitrobenzene-d5	9.116	82	2297605	87.697	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	1110171	136.277	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	4548657	84.088	ng	0.00
79) Terphenyl-d14	19.956	244	5704836	91.540	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.063	122	177	5.743	ng	# 1
48) 2-Nitroaniline	13.669	65	344	2.238	ng	# 27
57) 2,4-Dinitrotoluene	15.004	165	61	2.075	ng	# 20
77) Benzidine	19.603	184	630	4.898	ng	# 9
80) Butylbenzylphthalate	20.633	149	637	3.332	ng	# 96
84) Bis(2-ethylhexyl)phtha...	21.421	149	4525	2.567	ng	# 94
85) Di-n-octyl phthalate	22.321	149	1129	3.808	ng	# 1

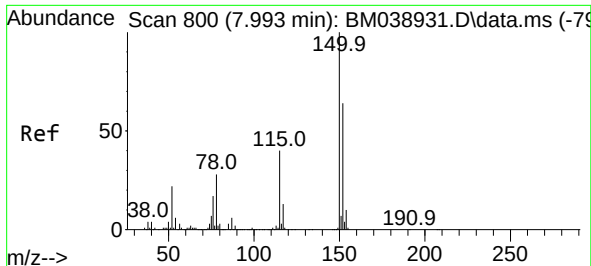
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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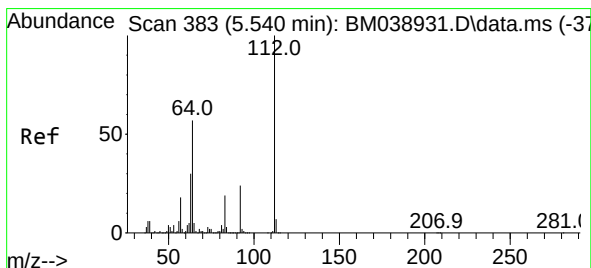
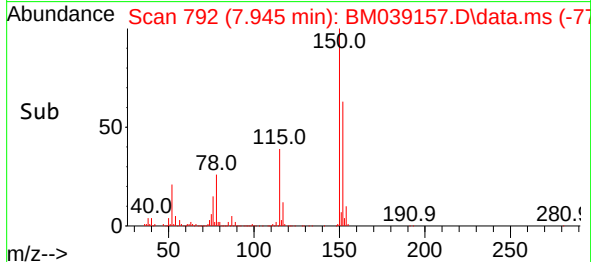
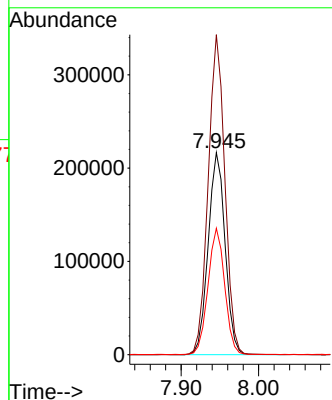
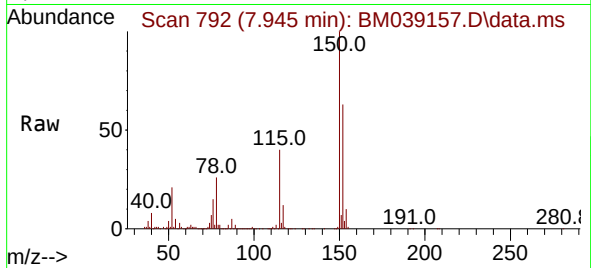




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.945 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

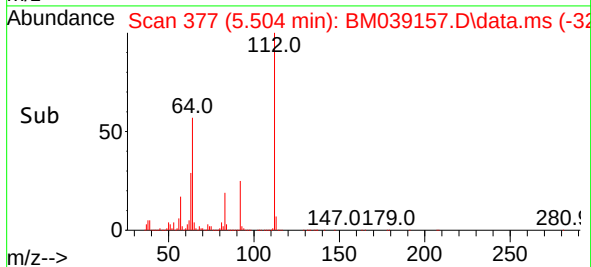
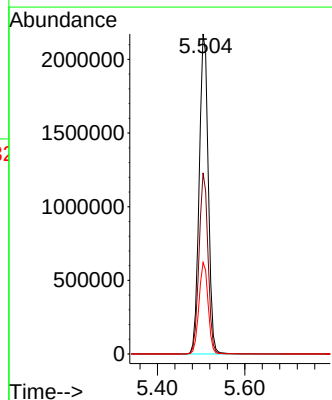
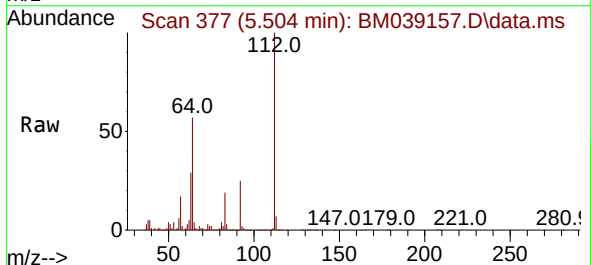
Instrument :
BNA_M
ClientSampleId :
PB151512BL

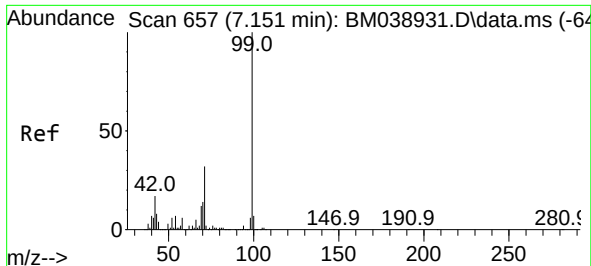
Tgt Ion:152 Resp: 328518
Ion Ratio Lower Upper
152 100
150 158.4 125.1 187.7
115 62.6 49.6 74.4



#5
2-Fluorophenol
Concen: 145.066 ng
RT: 5.504 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

Tgt Ion:112 Resp: 3136774
Ion Ratio Lower Upper
112 100
64 56.6 45.9 68.9
63 28.6 23.8 35.8



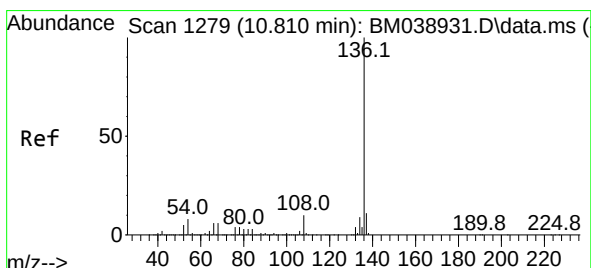
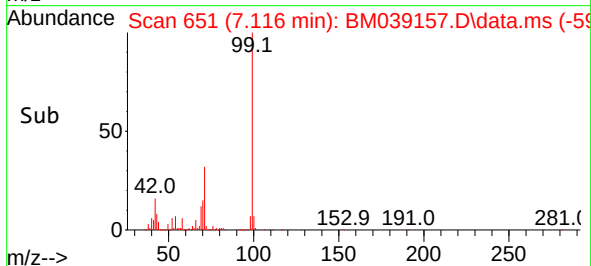
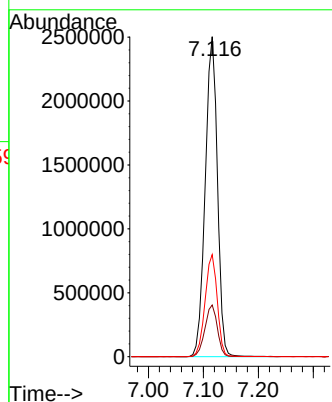
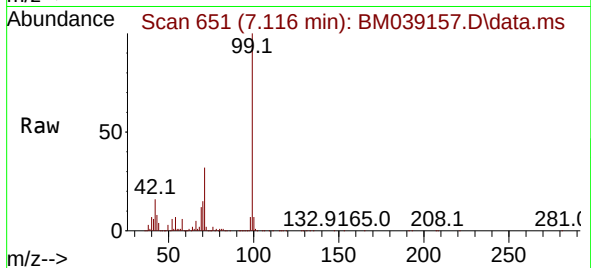


#7
Phenol-d6
Concen: 137.048 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

Instrument :
BNA_M
ClientSampleId :
PB151512BL

Tgt Ion: 99 Resp: 3849176

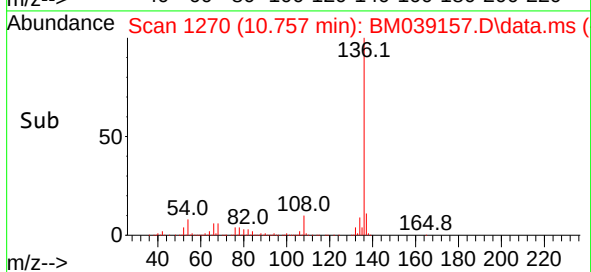
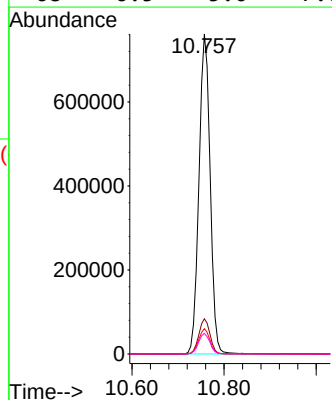
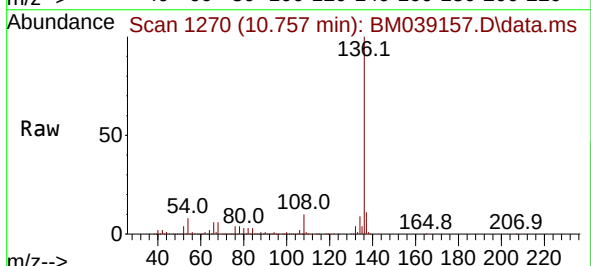
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.9	25.6	38.4

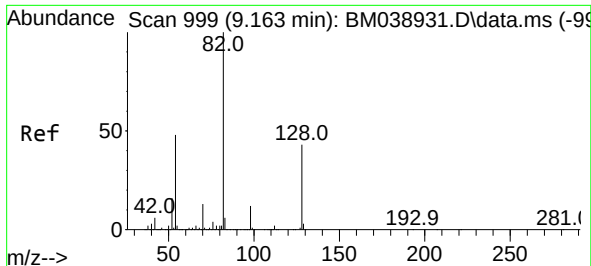


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

Tgt Ion: 136 Resp: 1286944

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.9	6.3	9.5
68	6.5	5.0	7.6





#23

Nitrobenzene-d5

Concen: 87.697 ng

RT: 9.116 min Scan# 991

Delta R.T. -0.000 min

Lab File: BM039157.D

Acq: 27 Mar 2023 12:16

Instrument :

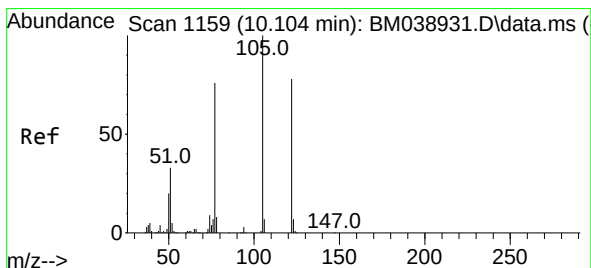
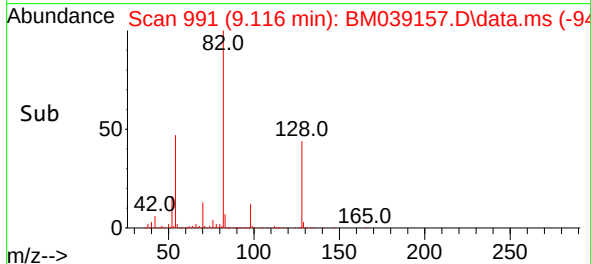
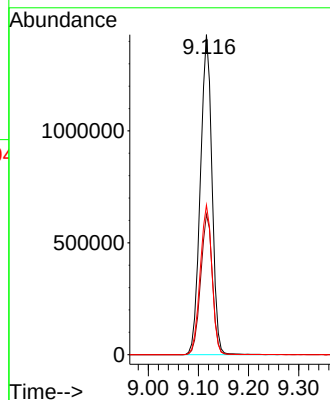
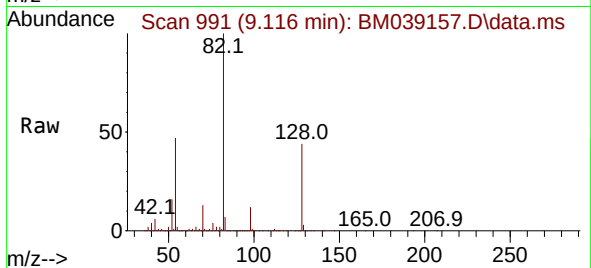
BNA_M

ClientSampleId :

PB151512BL

Tgt Ion: 82 Resp: 2297605

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.4	51.6
54	46.7	38.8	58.2



#32

Benzoic acid

Concen: 5.743 ng

RT: 10.063 min Scan# 1152

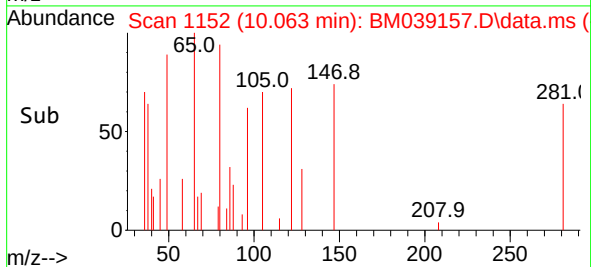
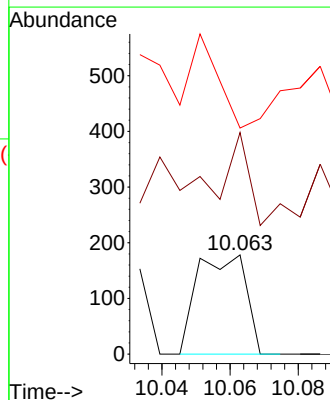
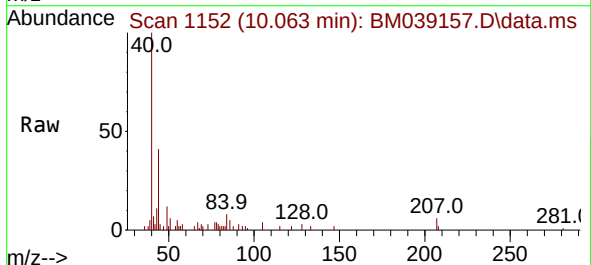
Delta R.T. -0.012 min

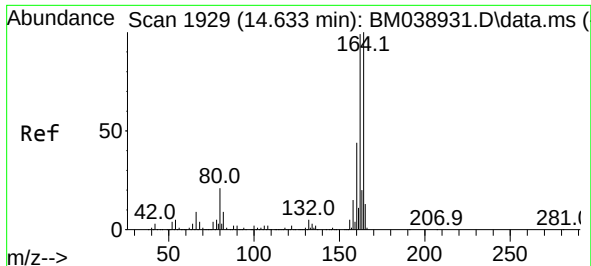
Lab File: BM039157.D

Acq: 27 Mar 2023 12:16

Tgt Ion:122 Resp: 177

Ion	Ratio	Lower	Upper
122	100		
105	223.6	104.2	144.2#
77	228.1	75.1	115.1#

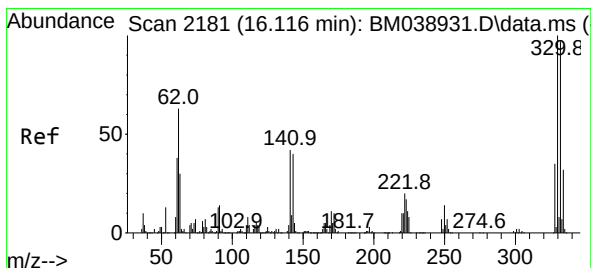
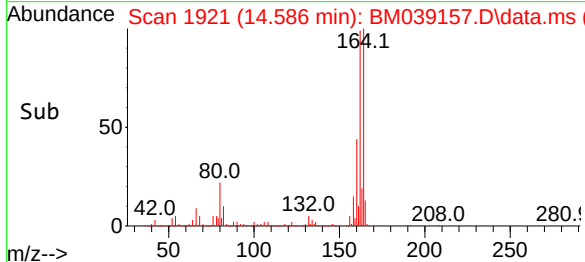
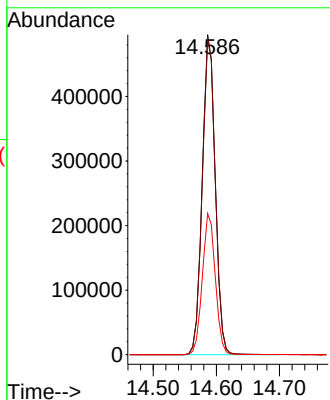
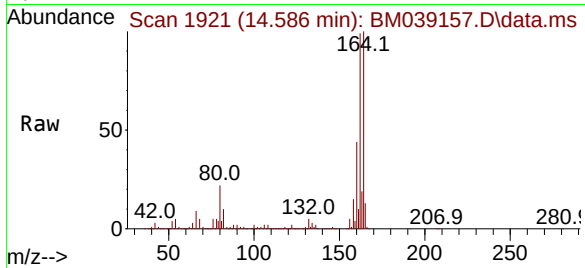




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

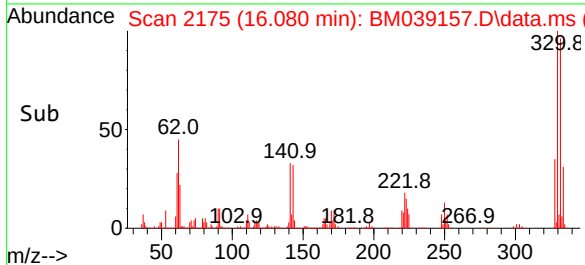
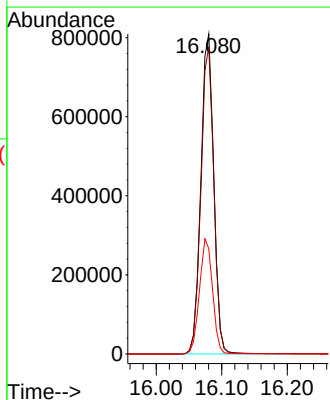
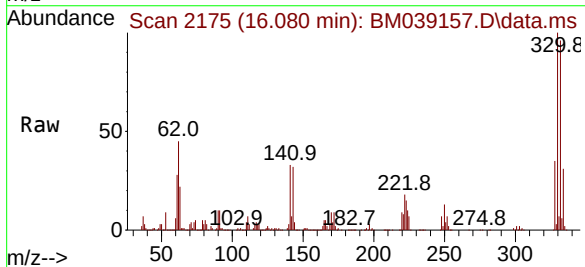
Instrument :
BNA_M
ClientSampleId :
PB151512BL

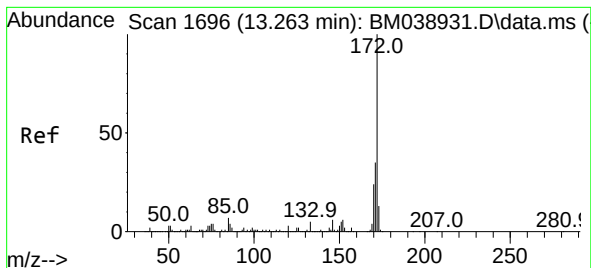
Tgt Ion:164 Resp: 704197
Ion Ratio Lower Upper
164 100
162 98.7 79.2 118.8
160 44.1 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 136.277 ng
RT: 16.080 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

Tgt Ion:330 Resp: 1110171
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 36.5 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 84.088 ng

RT: 13.216 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039157.D

Acq: 27 Mar 2023 12:16

Instrument :

BNA_M

ClientSampleId :

PB151512BL

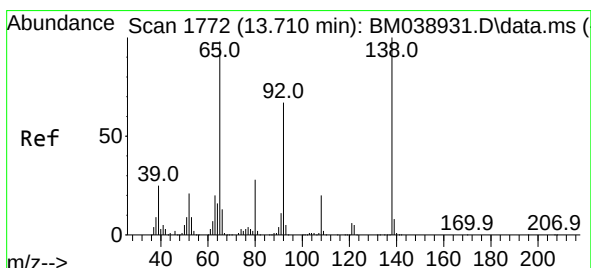
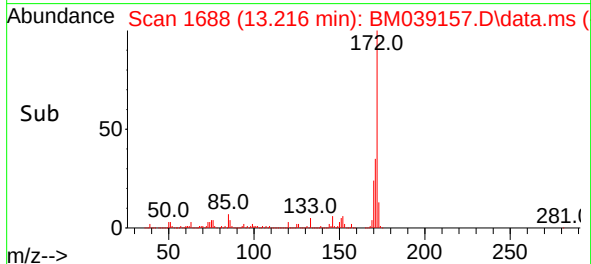
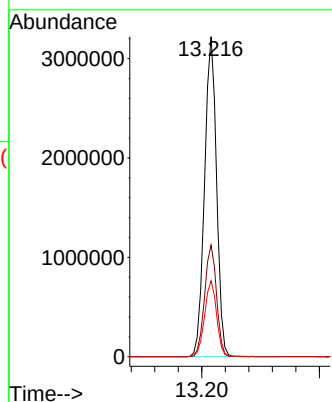
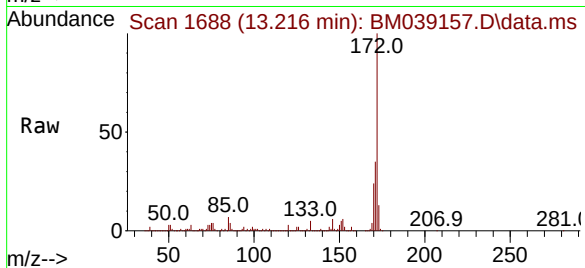
Tgt Ion:172 Resp: 4548657

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.7 19.1 28.7



#48

2-Nitroaniline

Concen: 2.238 ng

RT: 13.669 min Scan# 1765

Delta R.T. -0.006 min

Lab File: BM039157.D

Acq: 27 Mar 2023 12:16

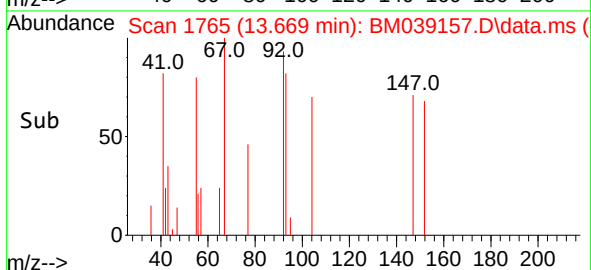
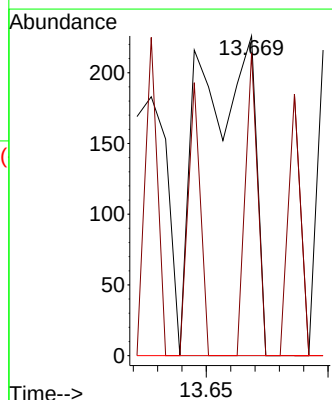
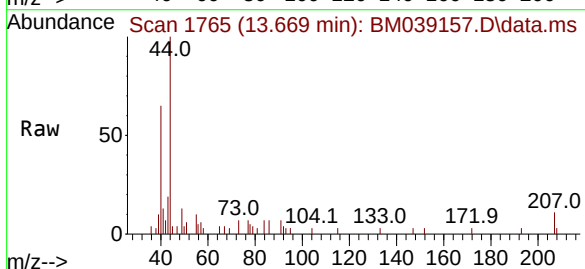
Tgt Ion: 65 Resp: 344

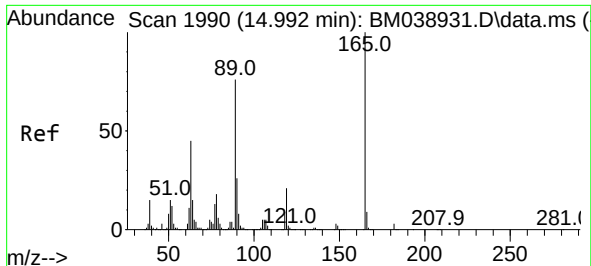
Ion Ratio Lower Upper

65 100

92 94.7 54.9 82.3#

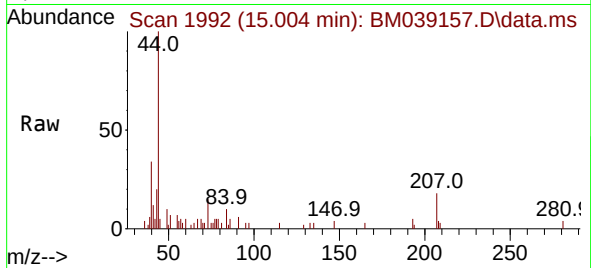
138 0.0 81.6 122.4#



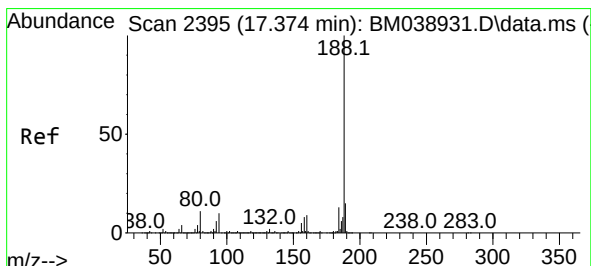
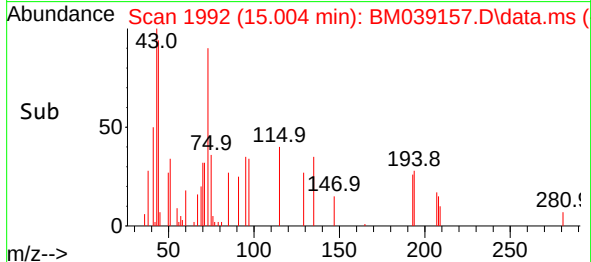
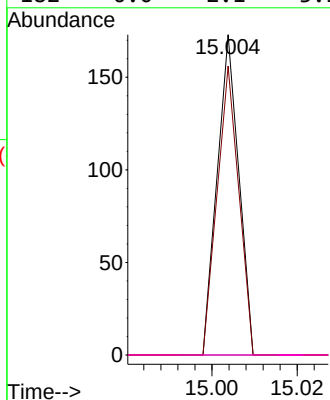


#57
2,4-Dinitrotoluene
Concen: 2.075 ng
RT: 15.004 min Scan# 1992
Delta R.T. 0.047 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

Instrument :
BNA_M
ClientSampleId :
PB151512BL

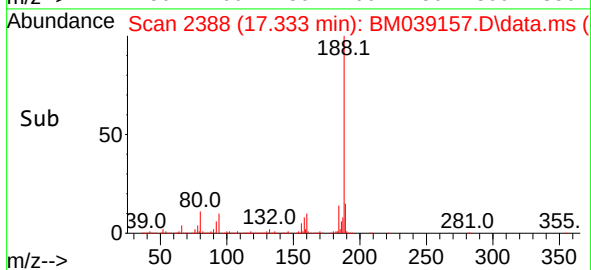
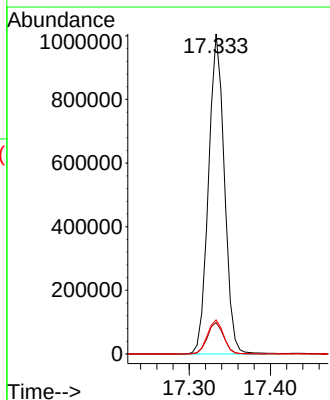
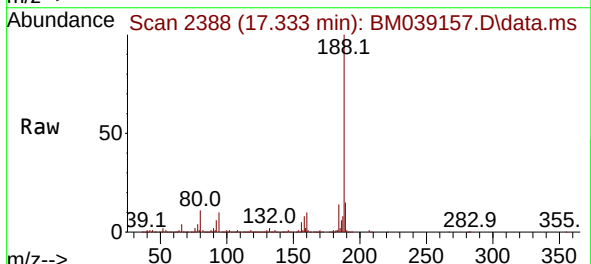


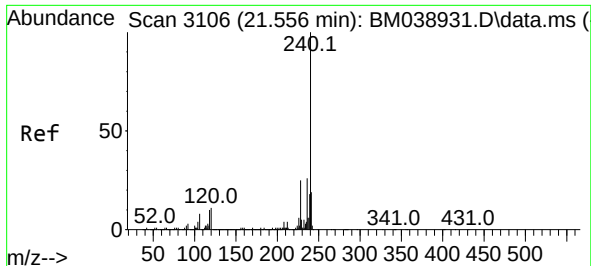
Tgt Ion:165 Resp: 61
Ion Ratio Lower Upper
165 100
63 90.2 35.9 53.9#
89 0.0 61.0 91.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

Tgt Ion:188 Resp: 1365016
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.7 8.5 12.7

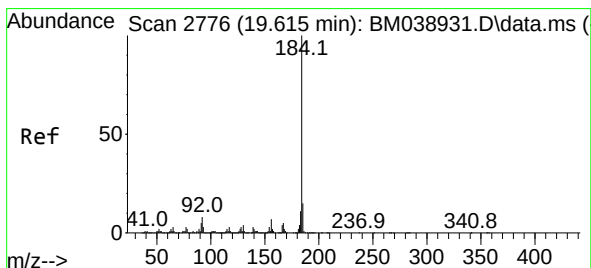
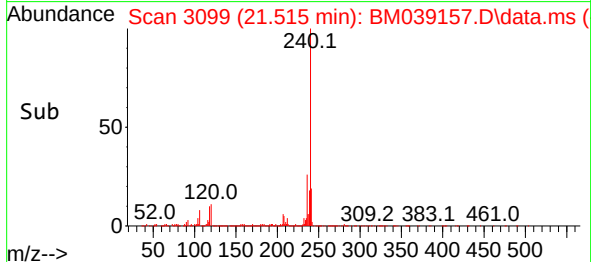
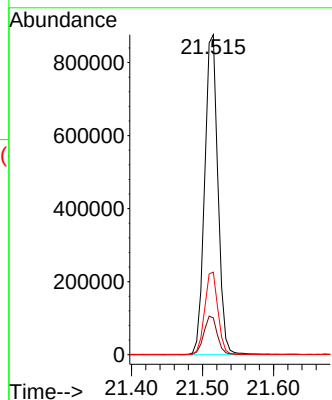
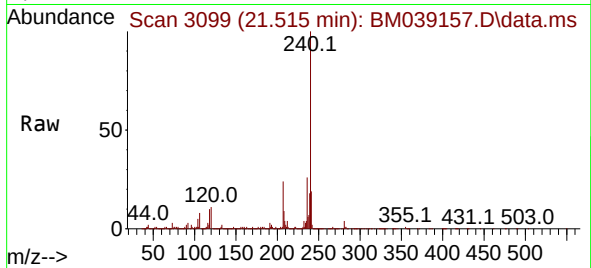




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

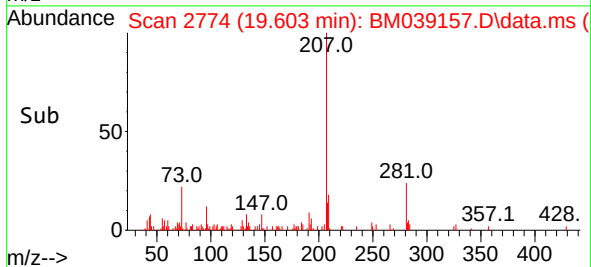
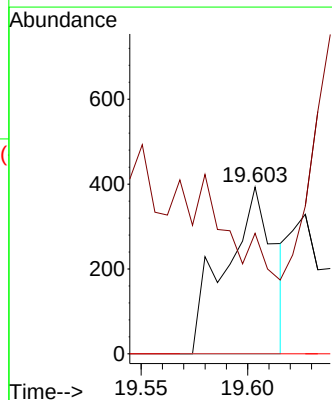
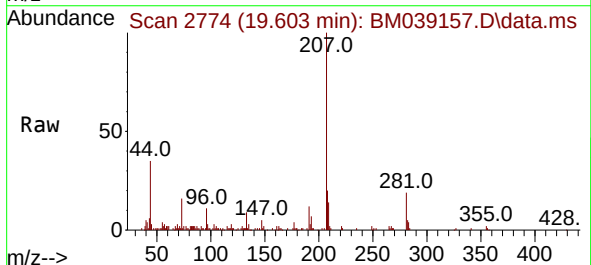
Instrument :
BNA_M
ClientSampleId :
PB151512BL

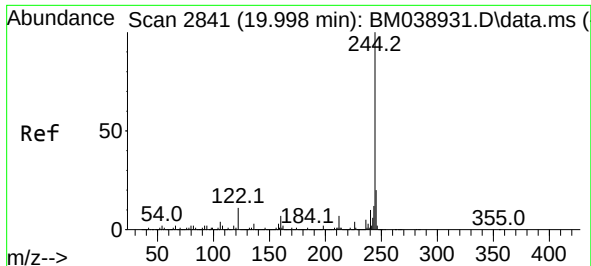
Tgt Ion:240 Resp: 1139425
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.8 20.8 31.2



#77
Benzidine
Concen: 4.898 ng
RT: 19.603 min Scan# 2774
Delta R.T. 0.023 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

Tgt Ion:184 Resp: 630
Ion Ratio Lower Upper
184 100
185 72.3 12.2 18.4#
183 0.0 8.8 13.2#

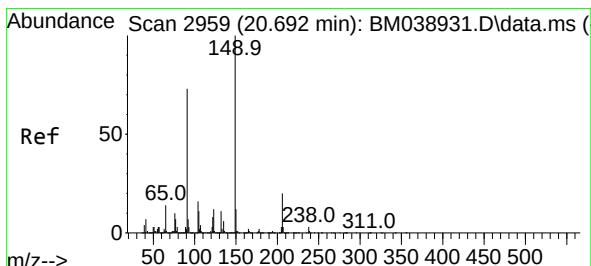
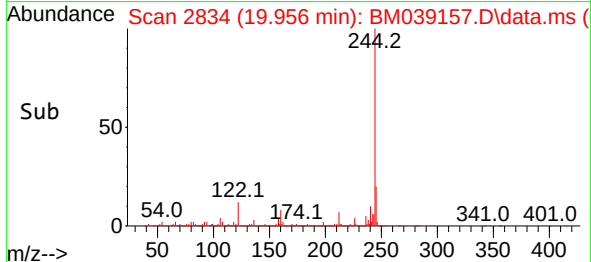
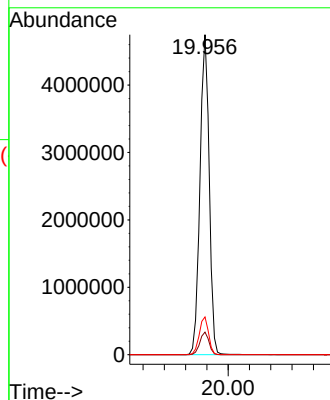
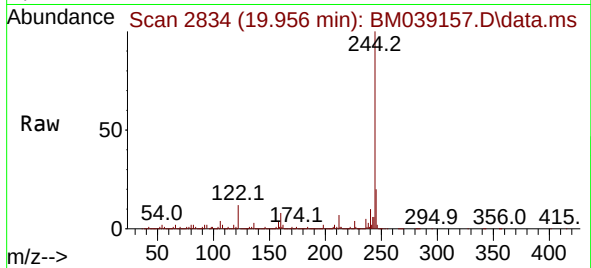




#79
 Terphenyl-d14
 Concen: 91.540 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039157.D
 Acq: 27 Mar 2023 12:16

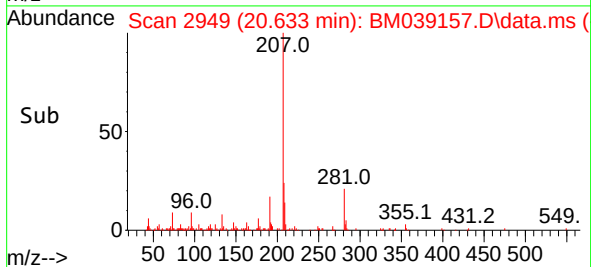
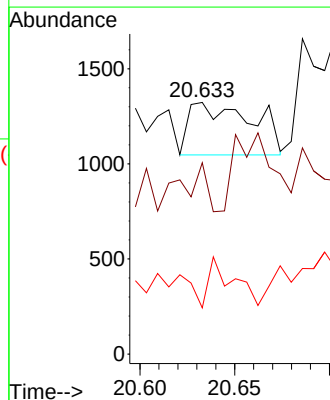
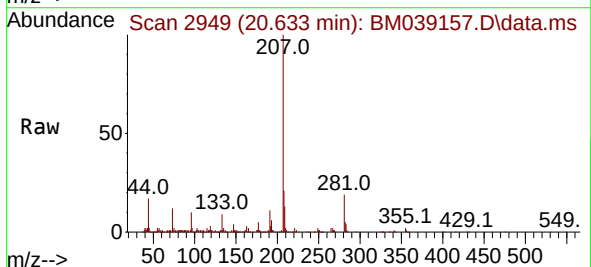
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 ClientSampleId :
 PB151512BL

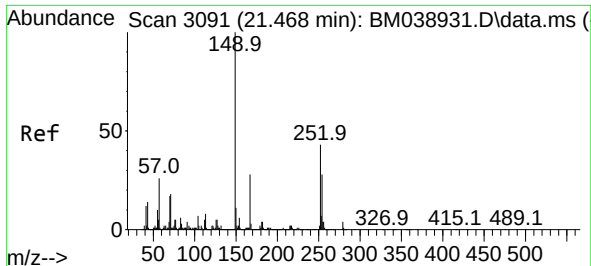
Tgt Ion:244 Resp: 5704836
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.8 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 3.332 ng
 RT: 20.633 min Scan# 2949
 Delta R.T. -0.012 min
 Lab File: BM039157.D
 Acq: 27 Mar 2023 12:16

Tgt Ion:149 Resp: 637
 Ion Ratio Lower Upper
 149 100
 91 76.0 58.4 87.6
 206 18.4 16.1 24.1

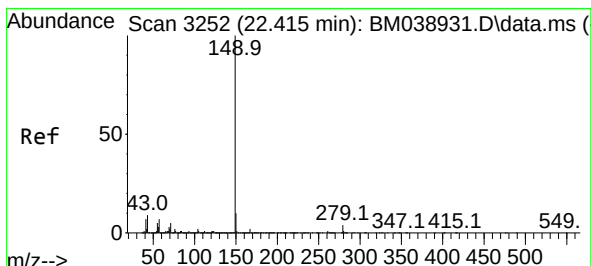
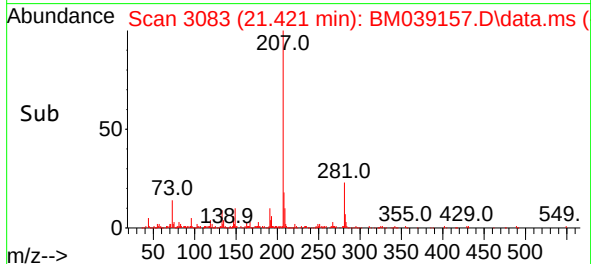
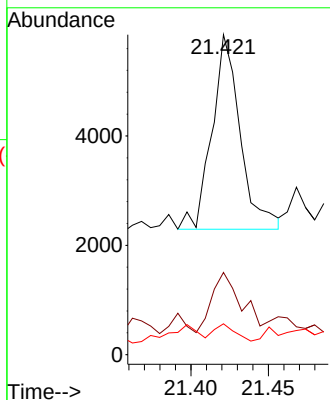
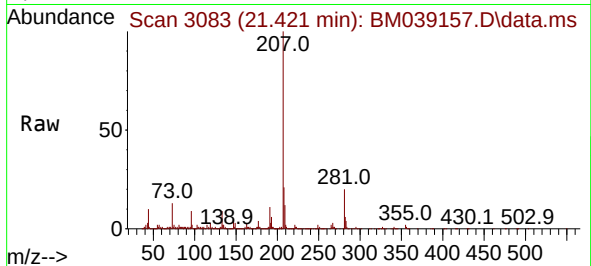




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.567 ng
RT: 21.421 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

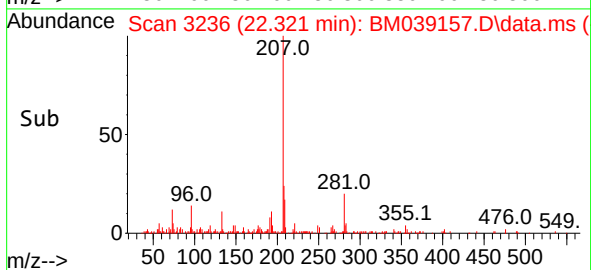
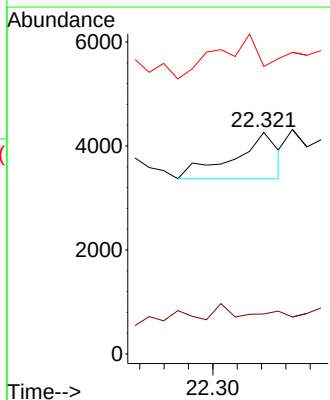
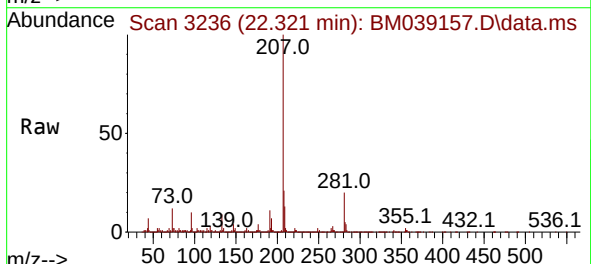
Instrument :
BNA_M
ClientSampleId :
PB151512BL

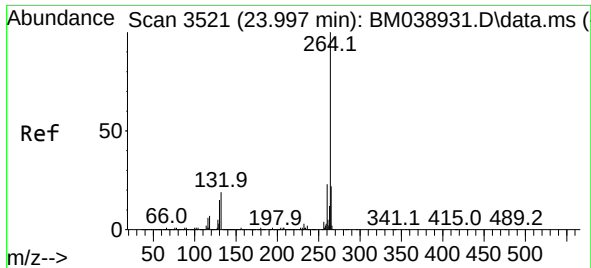
Tgt Ion:149 Resp: 4525
Ion Ratio Lower Upper
149 100
167 25.7 22.3 33.5
279 9.7 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.808 ng
RT: 22.321 min Scan# 3236
Delta R.T. -0.035 min
Lab File: BM039157.D
Acq: 27 Mar 2023 12:16

Tgt Ion:149 Resp: 1129
Ion Ratio Lower Upper
149 100
167 25.9 1.2 1.8#
43 99.9 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.938 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM039157.D

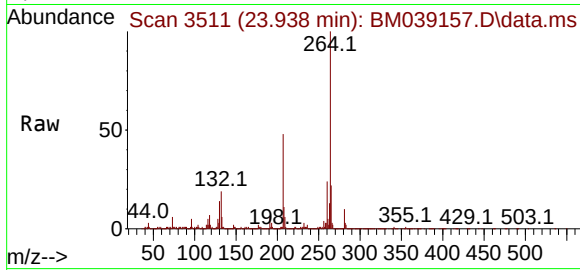
Acq: 27 Mar 2023 12:16

Instrument :

BNA_M

ClientSampleId :

PB151512BL



Tgt Ion:264 Resp: 1243254

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.6 17.9 26.9

