

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039163.D
 Acq On : 27 Mar 2023 16:47
 Operator : CG/JU
 Sample : 02090-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-01-032323

Quant Time: Mar 28 01:50:27 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)

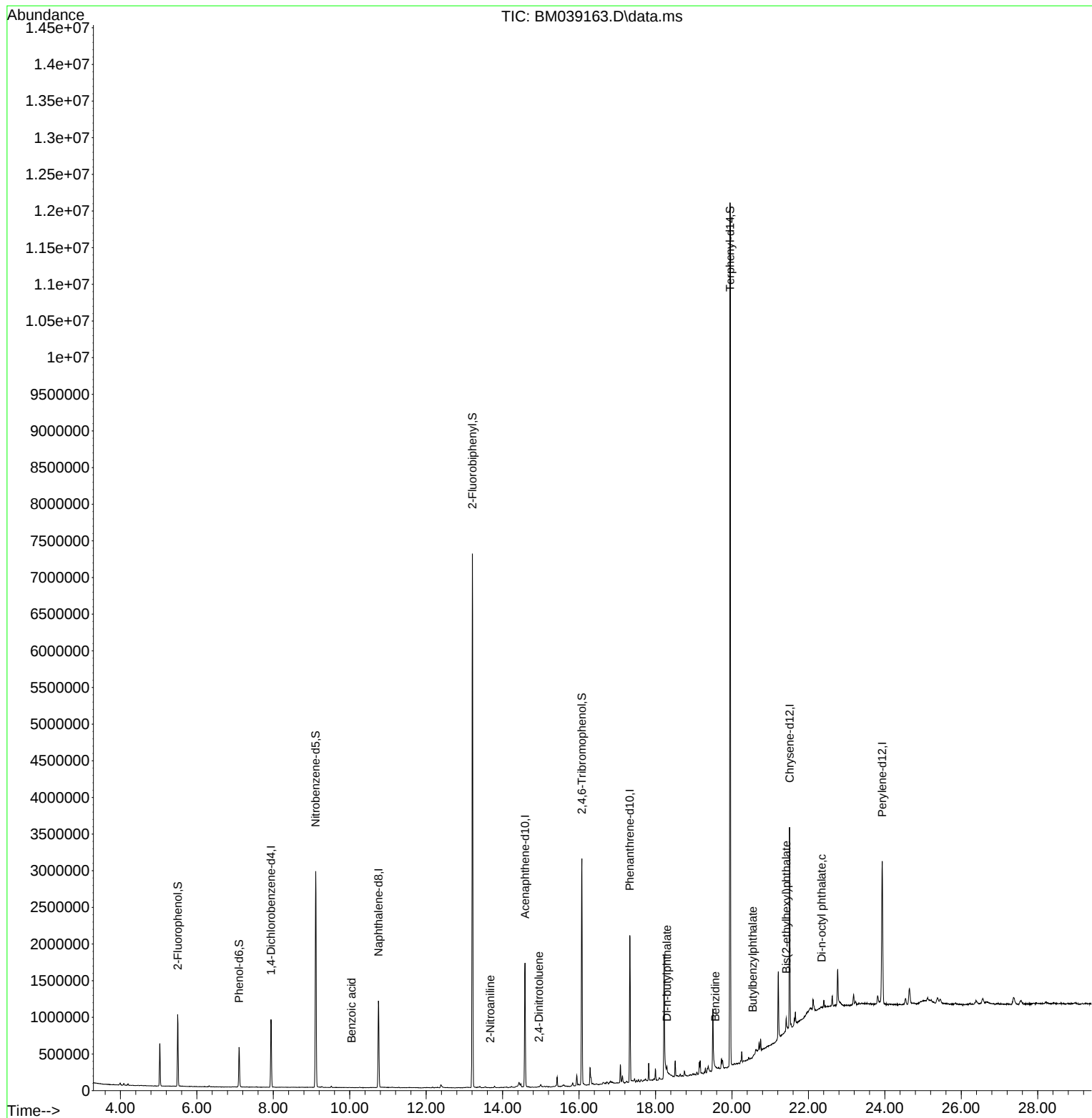
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	244371	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	968015	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	562790	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1201816	20.000	ng	0.00
76) Chrysene-d12	21.509	240	1203177	20.000	ng	0.00
86) Perylene-d12	23.932	264	1387651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	418966	26.048	ng	0.00
7) Phenol-d6	7.104	99	313653	15.013	ng	0.00
23) Nitrobenzene-d5	9.110	82	1717905	87.173	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	531280	81.602	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	3630725	83.983	ng	0.00
79) Terphenyl-d14	19.956	244	5696254	86.560	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.045	122	124	5.742	ng	# 2
48) 2-Nitroaniline	13.680	65	566	2.262	ng	# 30
57) 2,4-Dinitrotoluene	14.951	165	1594	2.192	ng	# 90
74) Di-n-butylphthalate	18.298	149	68732	2.643	ng	# 99
77) Benzidine	19.562	184	420	4.890	ng	# 1
80) Butylbenzylphthalate	20.544	149	436	3.326	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.421	149	58570	3.485	ng	# 98
85) Di-n-octyl phthalate	22.350	149	7103	3.867	ng	# 1

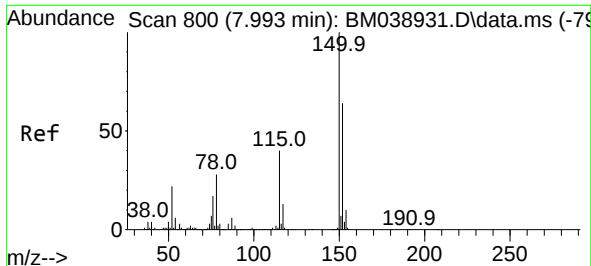
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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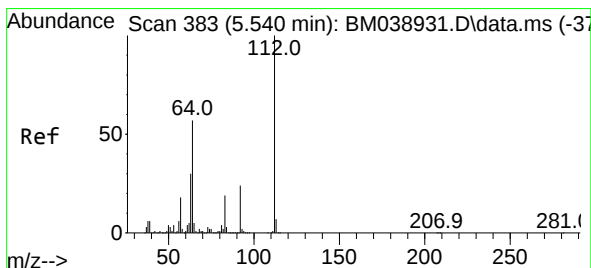
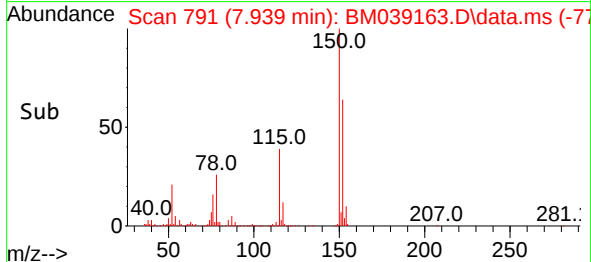
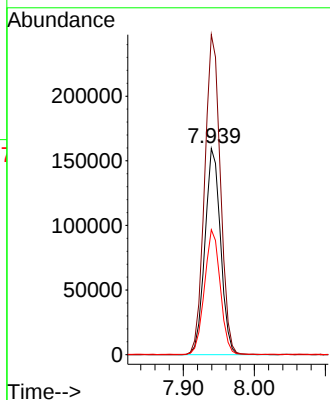
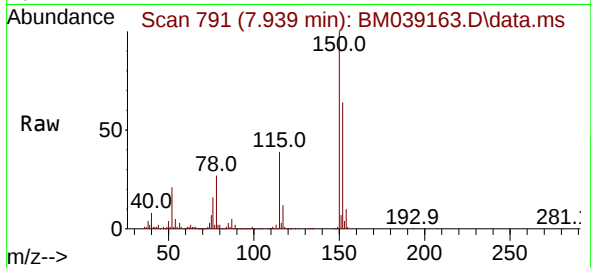




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.939 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM039163.D
 Acq: 27 Mar 2023 16:47

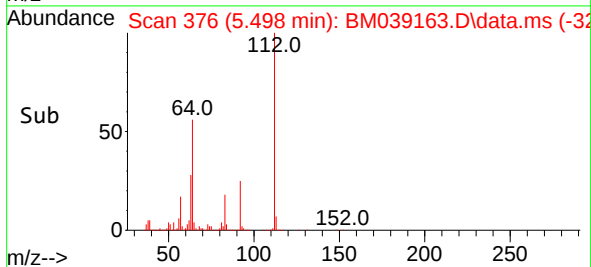
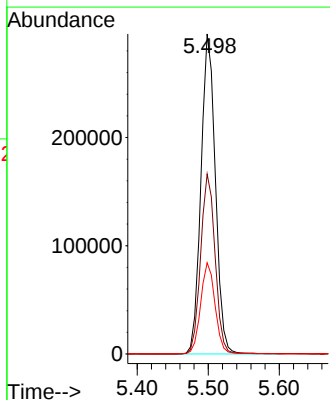
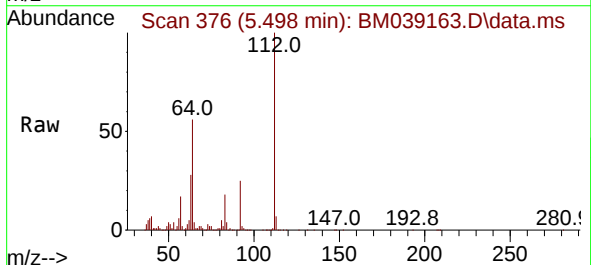
Instrument :
 BNA_M
 ClientSampleId :
 DS-01-032323

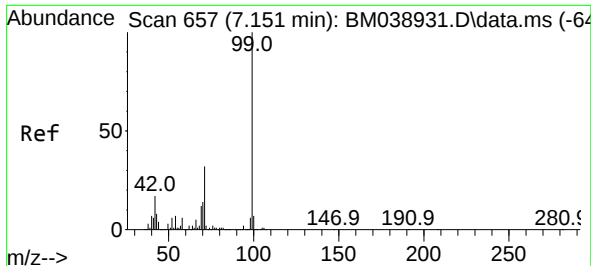
Tgt Ion:152 Resp: 244371
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.1 187.7
 115 60.6 49.6 74.4



#5
 2-Fluorophenol
 Concen: 26.048 ng
 RT: 5.498 min Scan# 376
 Delta R.T. -0.000 min
 Lab File: BM039163.D
 Acq: 27 Mar 2023 16:47

Tgt Ion:112 Resp: 418966
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.9 68.9
 63 28.5 23.8 35.8

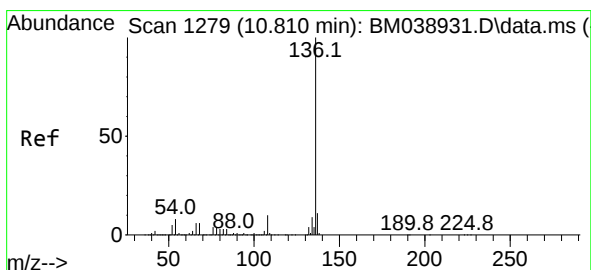
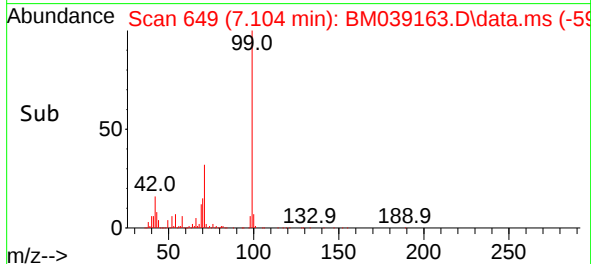
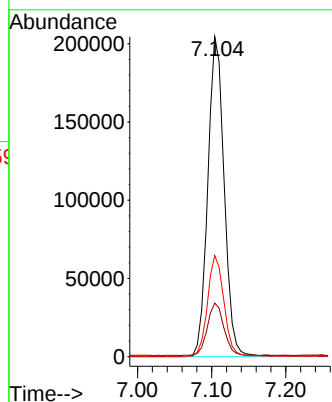
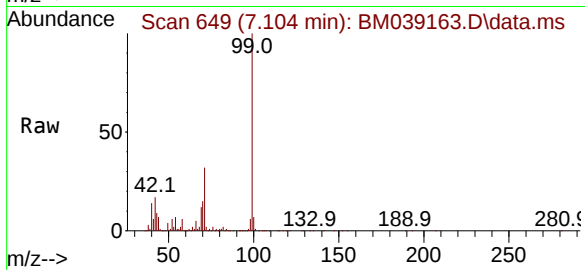




#7
Phenol-d6
Concen: 15.013 ng
RT: 7.104 min Scan# 649
Delta R.T. -0.006 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

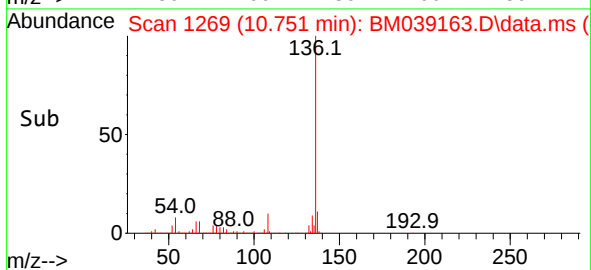
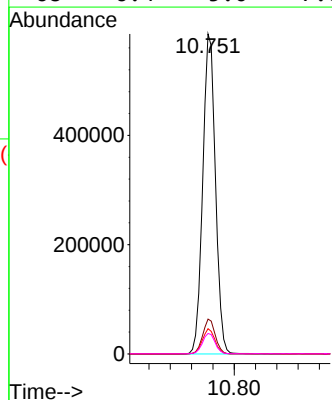
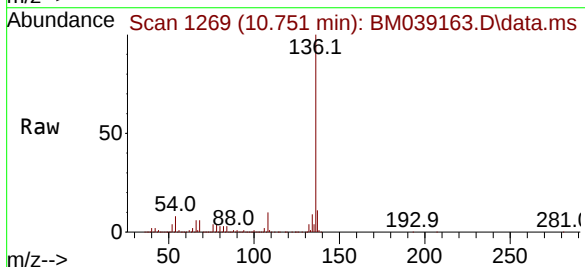
Instrument :
BNA_M
ClientSampleId :
DS-01-032323

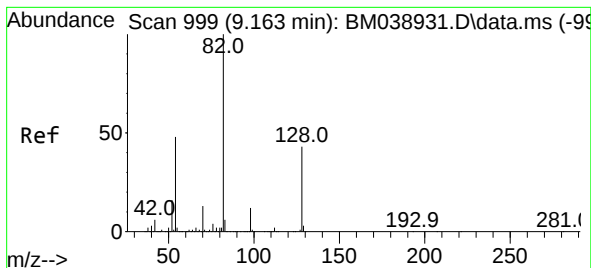
Tgt Ion: 99 Resp: 313653
Ion Ratio Lower Upper
99 100
42 16.8 13.5 20.3
71 31.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

Tgt Ion: 136 Resp: 968015
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 6.3 9.5
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.173 ng

RT: 9.110 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039163.D

Acq: 27 Mar 2023 16:47

Instrument :

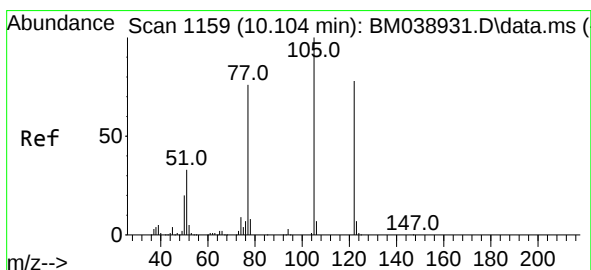
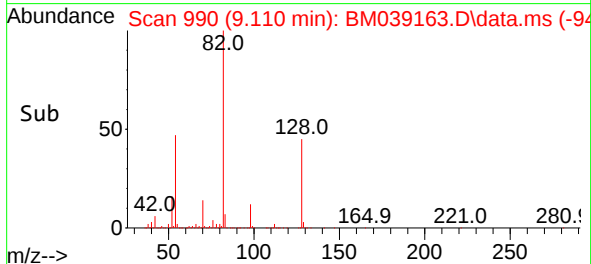
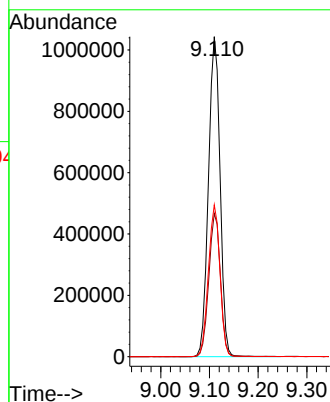
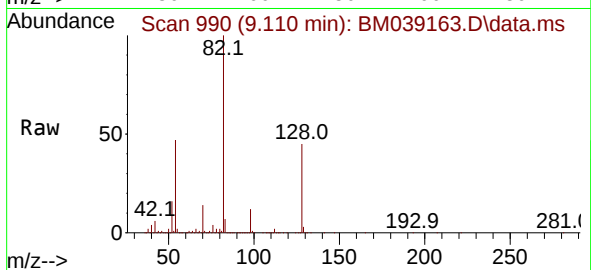
BNA_M

ClientSampleId :

DS-01-032323

Tgt Ion: 82 Resp: 1717905

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.4	51.6
54	47.5	38.8	58.2



#32

Benzoic acid

Concen: 5.742 ng

RT: 10.045 min Scan# 1149

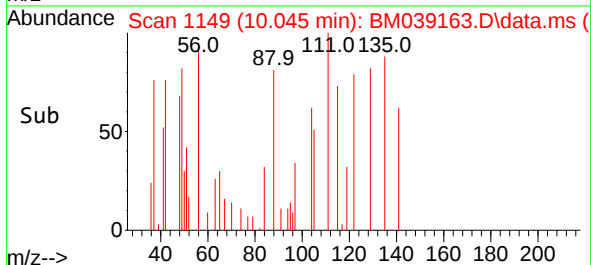
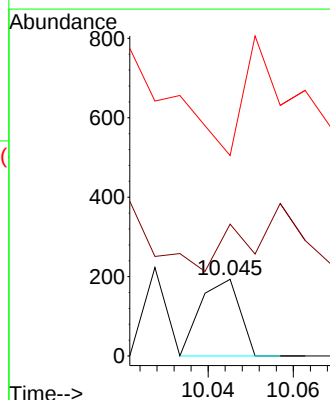
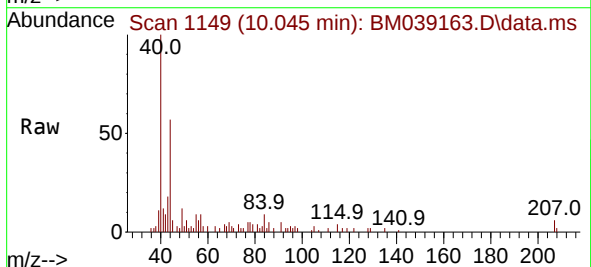
Delta R.T. -0.030 min

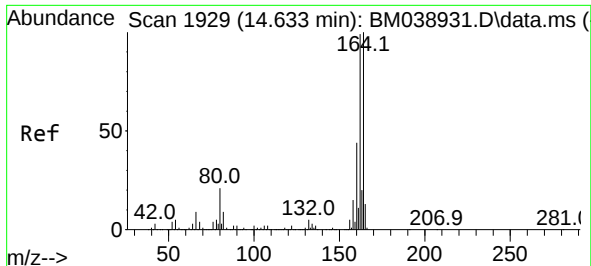
Lab File: BM039163.D

Acq: 27 Mar 2023 16:47

Tgt Ion: 122 Resp: 124

Ion	Ratio	Lower	Upper
122	100		
105	172.0	104.2	144.2#
77	261.7	75.1	115.1#

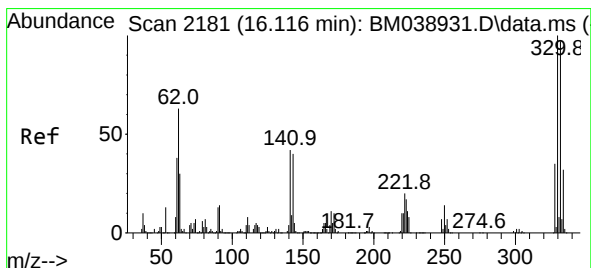
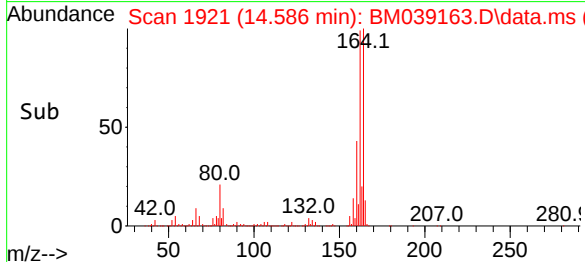
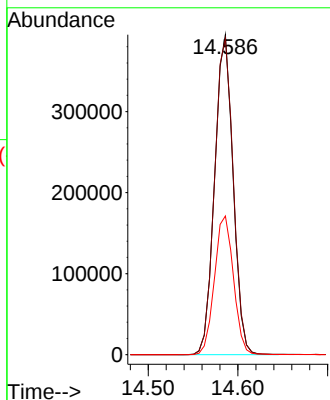
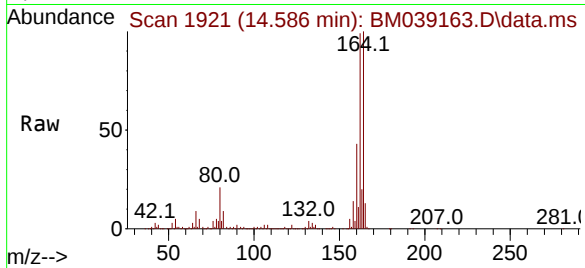




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

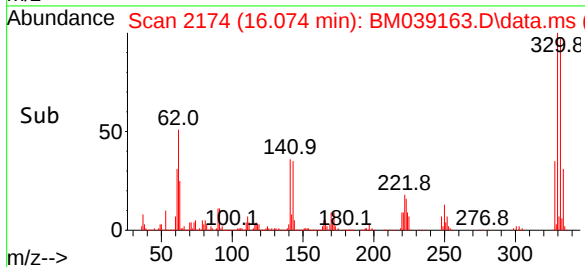
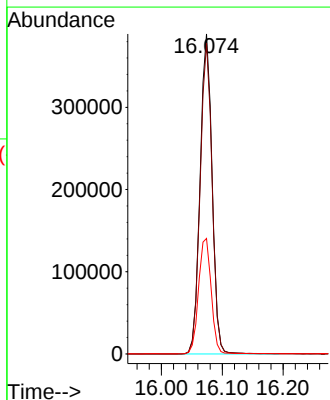
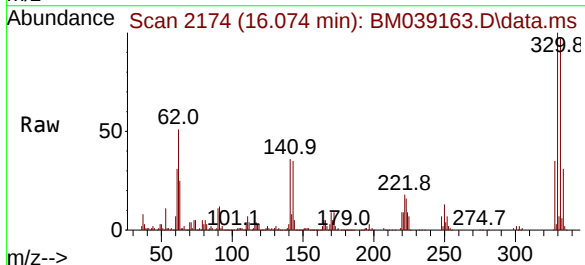
Instrument :
BNA_M
ClientSampleId :
DS-01-032323

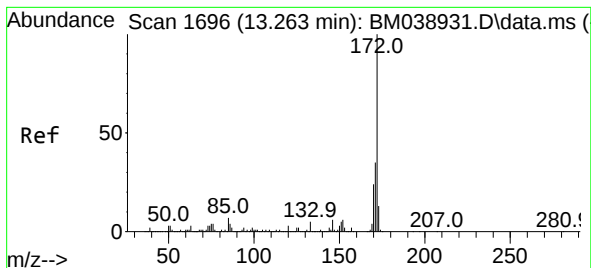
Tgt Ion:164 Resp: 562790
Ion Ratio Lower Upper
164 100
162 98.8 79.2 118.8
160 43.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 81.602 ng
RT: 16.074 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

Tgt Ion:330 Resp: 531280
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 37.9 32.2 48.4





#45

2-Fluorobiphenyl

Concen: 83.983 ng

RT: 13.210 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039163.D

Acq: 27 Mar 2023 16:47

Instrument :

BNA_M

ClientSampleId :

DS-01-032323

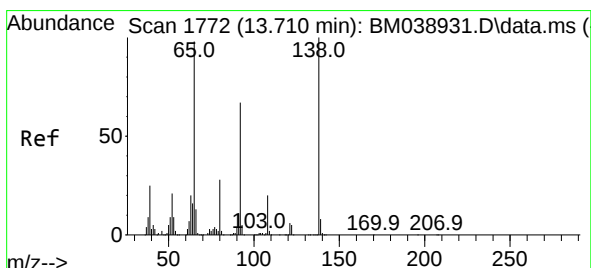
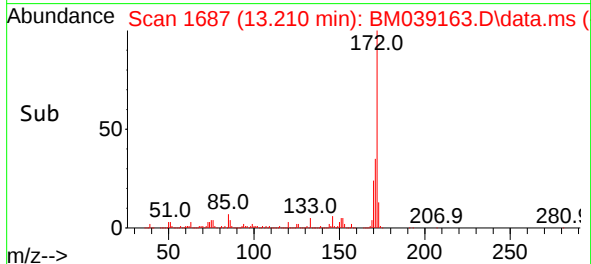
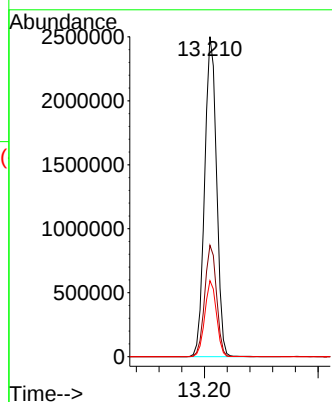
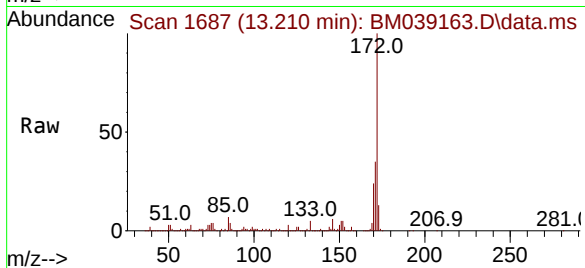
Tgt Ion:172 Resp: 3630725

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.7 19.1 28.7



#48

2-Nitroaniline

Concen: 2.262 ng

RT: 13.680 min Scan# 1767

Delta R.T. 0.006 min

Lab File: BM039163.D

Acq: 27 Mar 2023 16:47

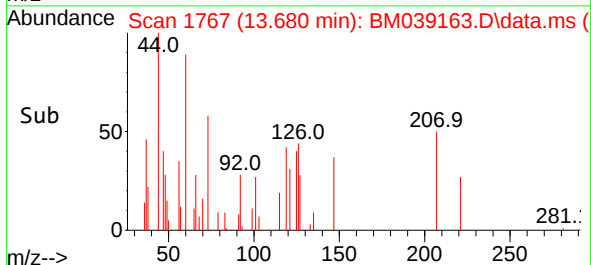
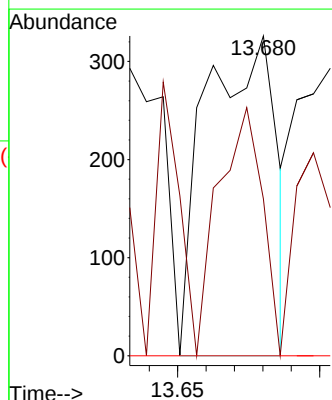
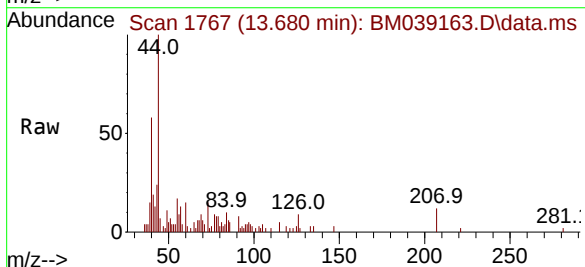
Tgt Ion: 65 Resp: 566

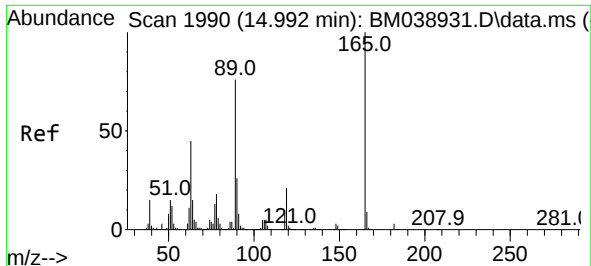
Ion Ratio Lower Upper

65 100

92 49.1 54.9 82.3#

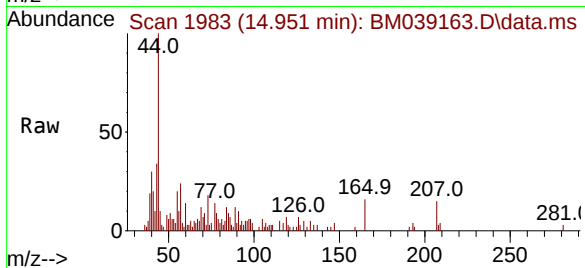
138 0.0 81.6 122.4#



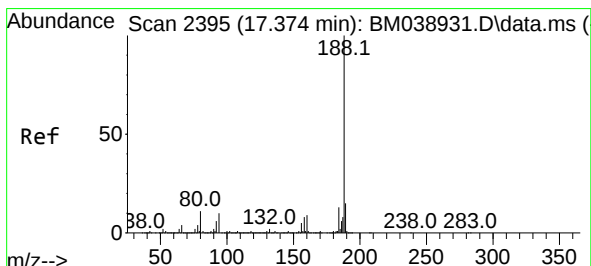
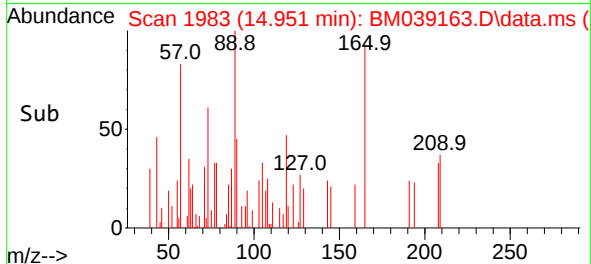
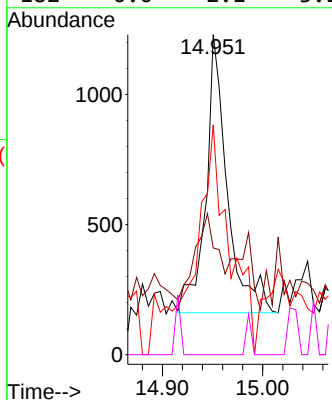


#57
2,4-Dinitrotoluene
Concen: 2.192 ng
RT: 14.951 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

Instrument :
BNA_M
ClientSampleId :
DS-01-032323

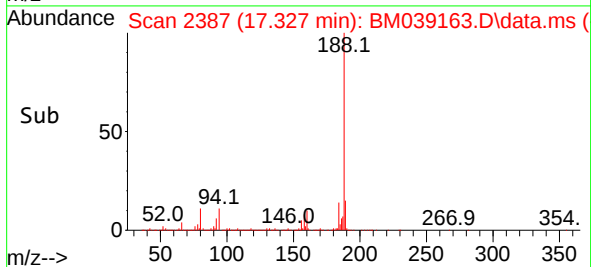
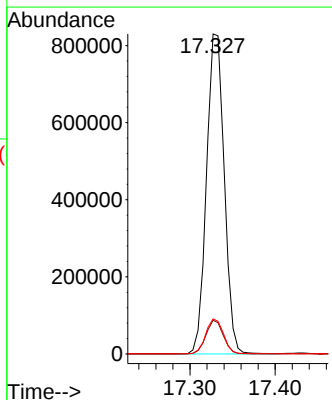
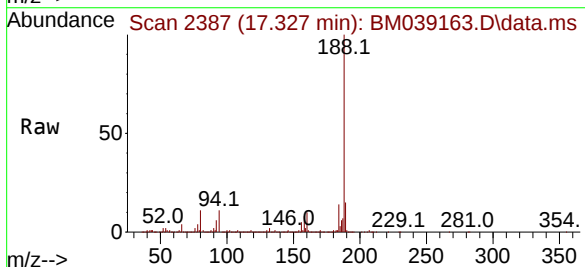


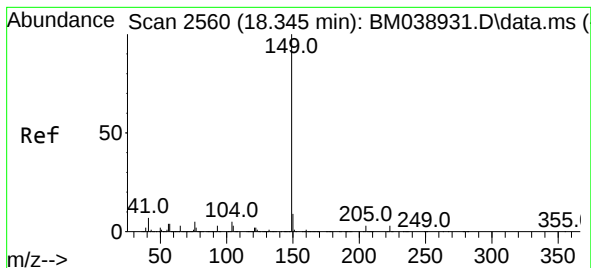
Tgt Ion:165 Resp: 1594
Ion Ratio Lower Upper
165 100
63 33.3 35.9 53.9#
89 71.8 61.0 91.6
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

Tgt Ion:188 Resp: 1201816
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 10.9 8.5 12.7





#74

Di-n-butylphthalate

Concen: 2.643 ng

RT: 18.298 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039163.D

Acq: 27 Mar 2023 16:47

Instrument :

BNA_M

ClientSampleId :

DS-01-032323

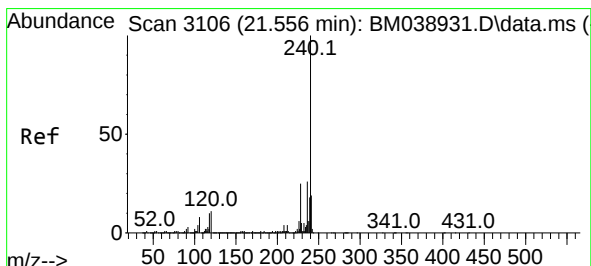
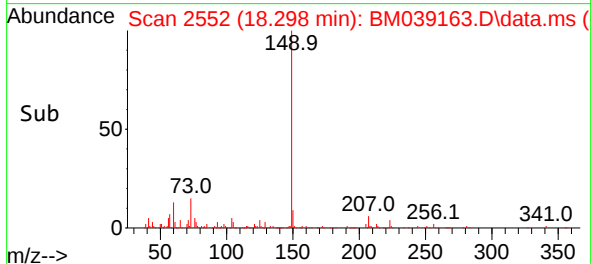
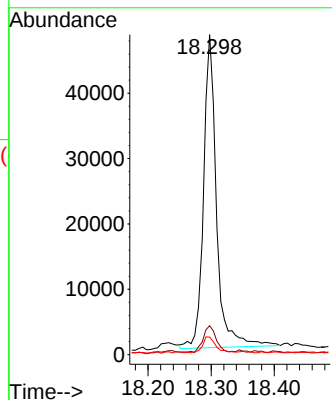
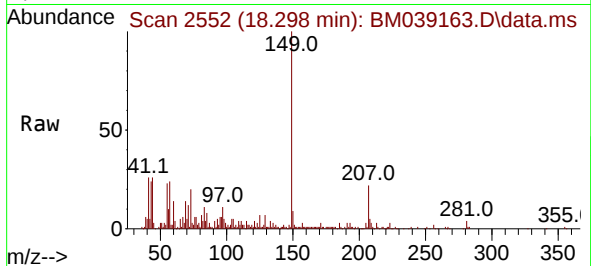
Tgt Ion:149 Resp: 68732

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.5 4.3 6.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM039163.D

Acq: 27 Mar 2023 16:47

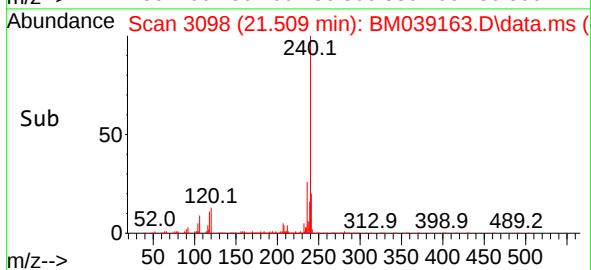
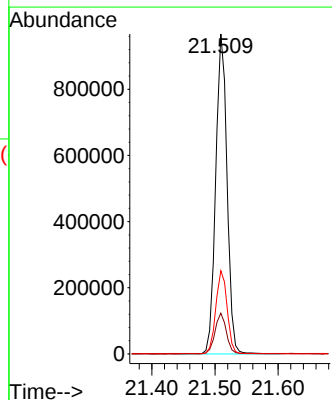
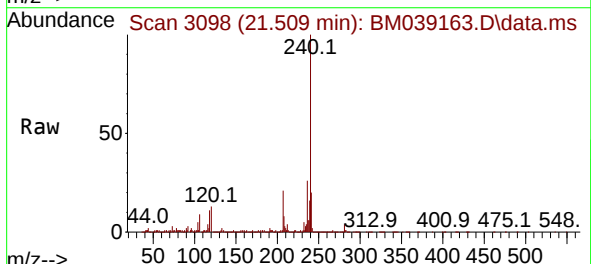
Tgt Ion:240 Resp: 1203177

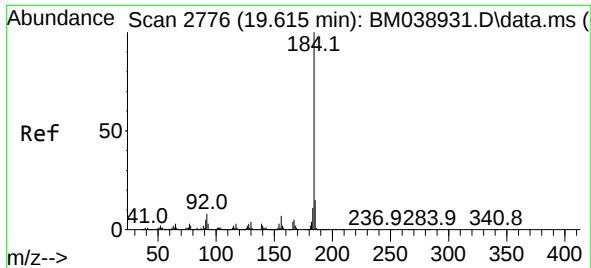
Ion Ratio Lower Upper

240 100

120 12.8 9.2 13.8

236 26.0 20.8 31.2

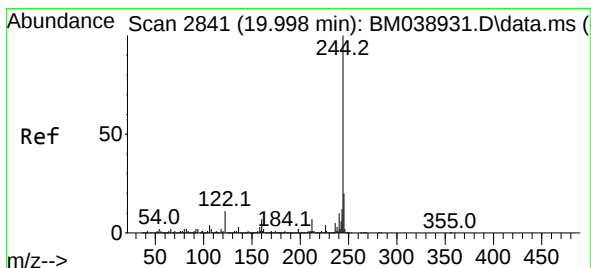
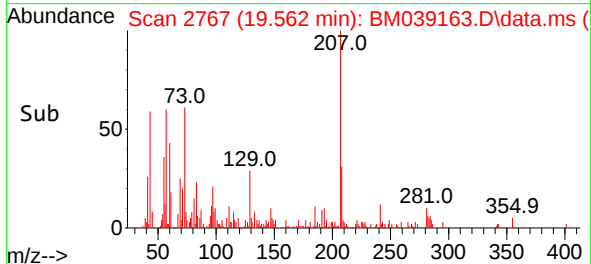
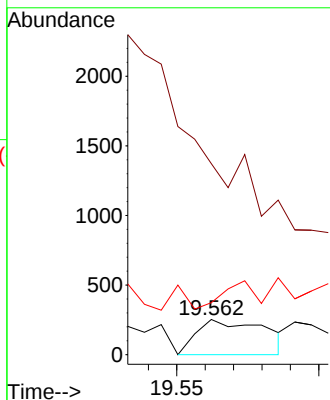
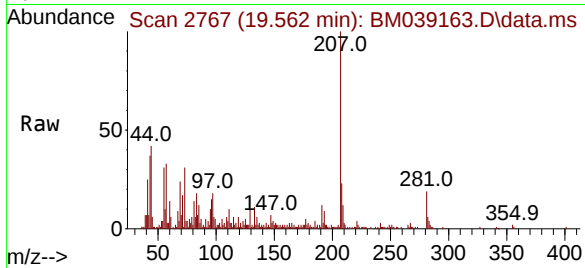




#77
Benzidine
Concen: 4.890 ng
RT: 19.562 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

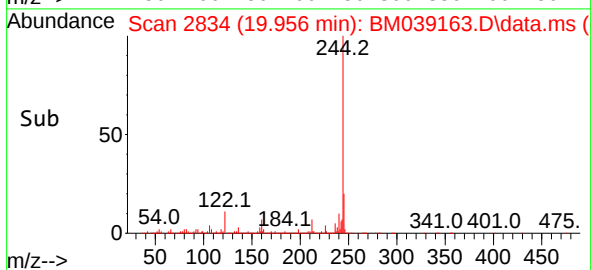
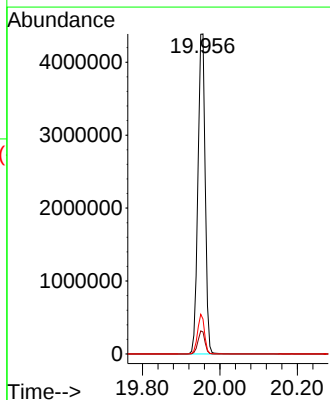
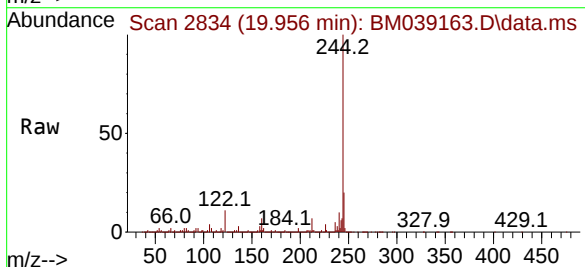
Instrument :
BNA_M
ClientSampleId :
DS-01-032323

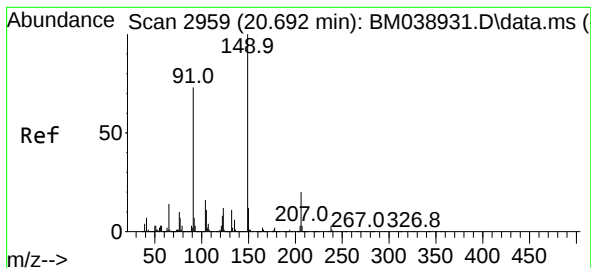
Tgt Ion:184 Resp: 420
Ion Ratio Lower Upper
184 100
185 542.7 12.2 18.4#
183 147.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 86.560 ng
RT: 19.956 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

Tgt Ion:244 Resp: 5696254
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.9 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.326 ng

RT: 20.544 min Scan# 2959

Delta R.T. -0.100 min

Lab File: BM039163.D

Acq: 27 Mar 2023 16:47

Instrument :

BNA_M

ClientSampleId :

DS-01-032323

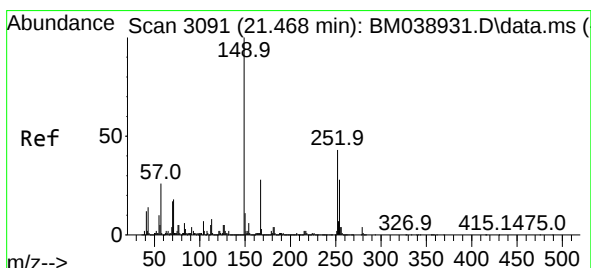
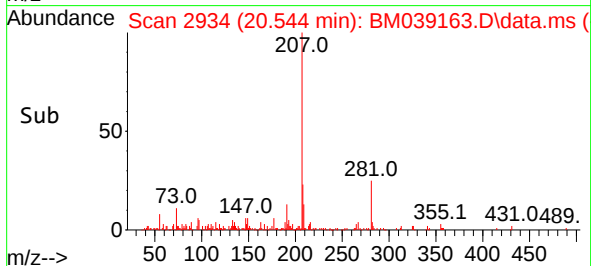
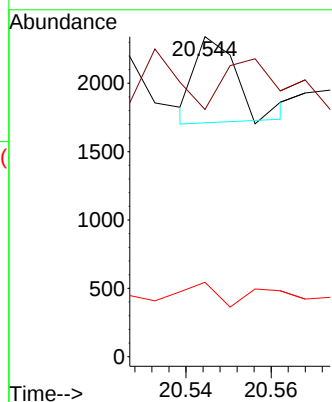
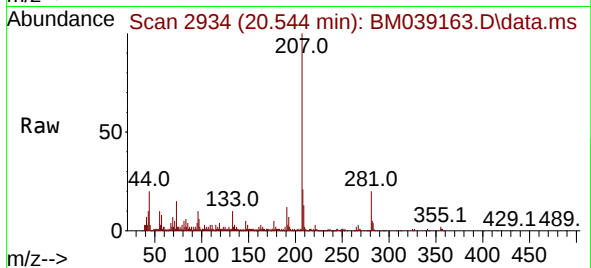
Tgt Ion:149 Resp: 436

Ion Ratio Lower Upper

149 100

91 77.3 58.4 87.6

206 23.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.485 ng

RT: 21.421 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM039163.D

Acq: 27 Mar 2023 16:47

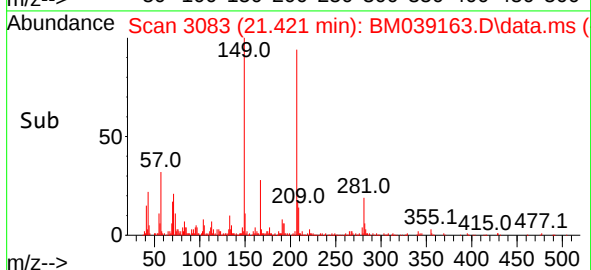
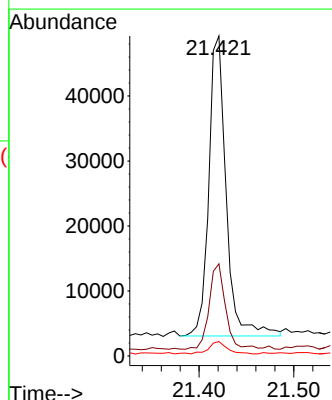
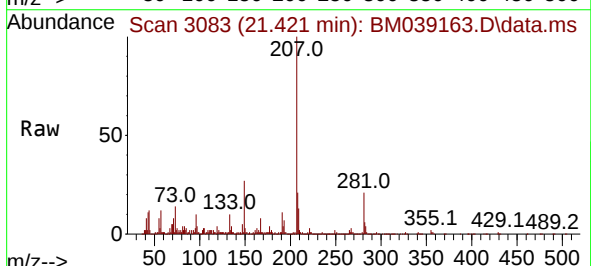
Tgt Ion:149 Resp: 58570

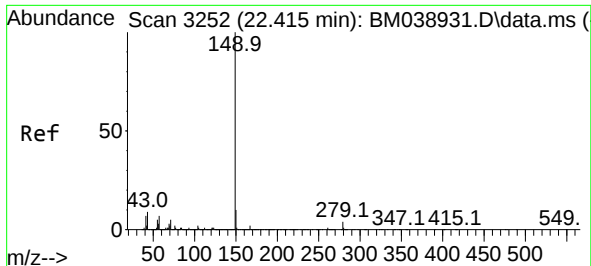
Ion Ratio Lower Upper

149 100

167 28.8 22.3 33.5

279 4.5 3.2 4.8

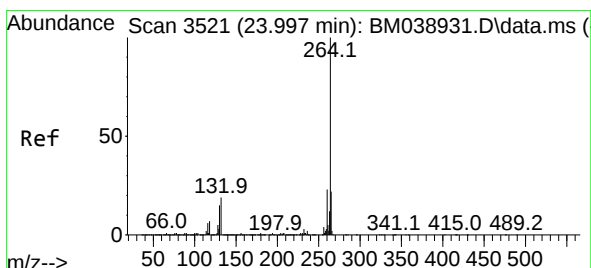
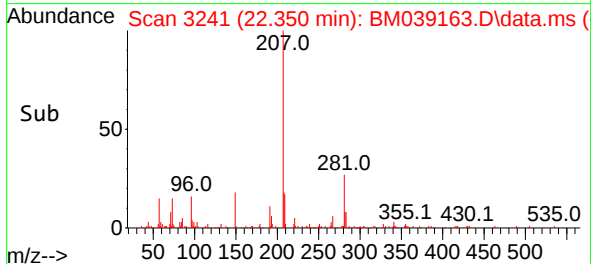
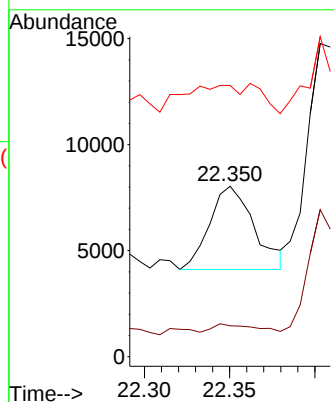
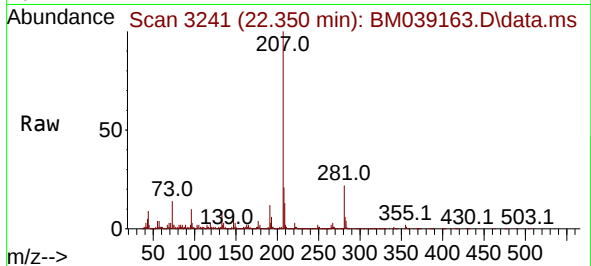




#85
Di-n-octyl phthalate
Concen: 3.867 ng
RT: 22.350 min Scan# 311
Delta R.T. -0.006 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

Instrument :
BNA_M
ClientSampleId :
DS-01-032323

Tgt Ion:149 Resp: 7103
Ion Ratio Lower Upper
149 100
167 13.8 1.2 1.8#
43 64.9 7.4 11.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.932 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BM039163.D
Acq: 27 Mar 2023 16:47

Tgt Ion:264 Resp: 1387651
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 22.7 17.9 26.9

