

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039150.D
 Acq On : 24 Mar 2023 20:22
 Operator : CG/JU
 Sample : 02069-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 API-3-4

Quant Time: Mar 25 01:08:51 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 24 15:04:20 2023
 Response via : Initial Calibration

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

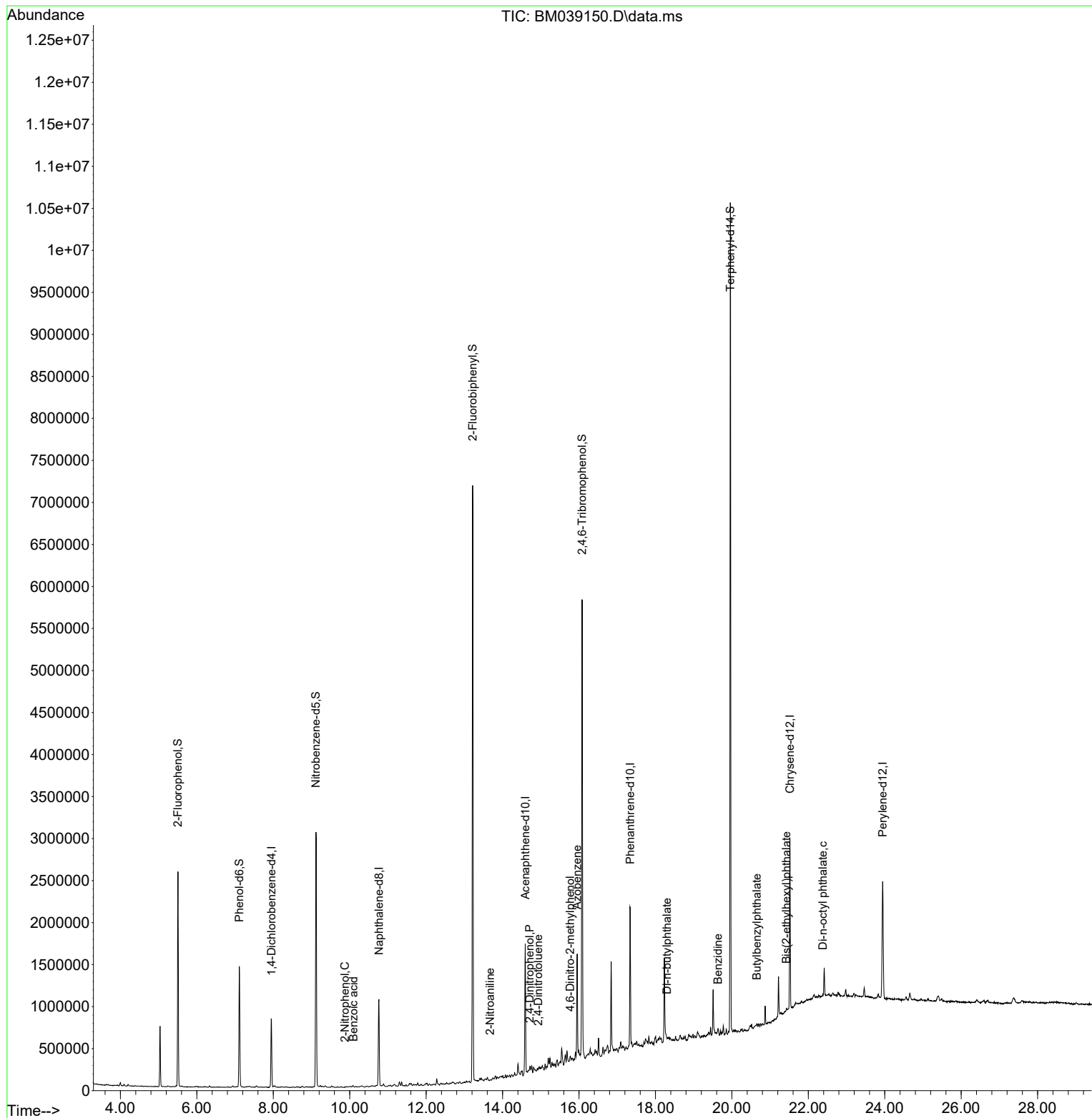
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	219316	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	854656	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	490282	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1005509	20.000	ng	0.00
76) Chrysene-d12	21.515	240	919168	20.000	ng	-0.01
86) Perylene-d12	23.945	264	1023495	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1090775	75.562	ng	0.00
7) Phenol-d6	7.110	99	842642	44.940	ng	0.00
23) Nitrobenzene-d5	9.116	82	1758277	101.056	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	972640	171.488	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	3613323	95.941	ng	0.00
79) Terphenyl-d14	19.963	244	4807631	95.629	ng	0.00
Target Compounds					Qvalue	
26) 2-Nitrophenol	9.875	139	321	3.028	ng	# 1
32) Benzoic acid	10.099	122	78	5.740	ng	# 1
48) 2-Nitroaniline	13.675	65	294	2.243	ng	# 57
54) 2,4-Dinitrophenol	14.710	184	513	5.291	ng	# 1
57) 2,4-Dinitrotoluene	14.928	165	251	2.093	ng	# 22
63) Azobenzene	15.951	77	370546	9.540	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.769	198	127	5.105	ng	# 1
74) Di-n-butylphthalate	18.304	149	14171	2.007	ng	# 70
77) Benzidine	19.633	184	480	4.897	ng	# 1
80) Butylbenzylphthalate	20.651	149	1841	3.374	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.427	149	9439	2.696	ng	# 78
85) Di-n-octyl phthalate	22.380	149	3940	3.848	ng	# 77

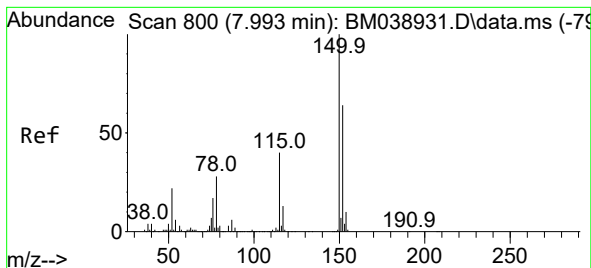
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
Data File : BM039150.D
Acq On : 24 Mar 2023 20:22
Operator : CG/JU
Sample : 02069-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
API-3-4

Quant Time: Mar 25 01:08:51 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 24 15:04:20 2023
Response via : Initial Calibration

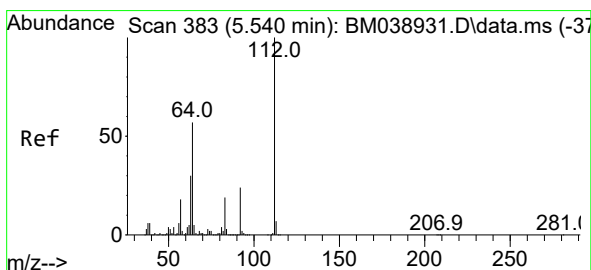
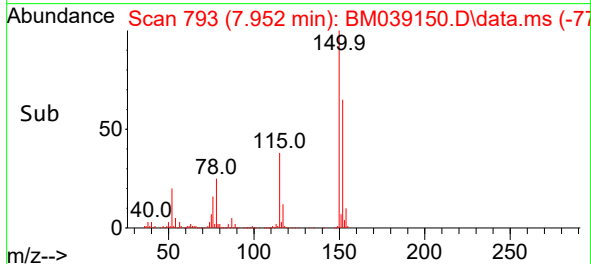
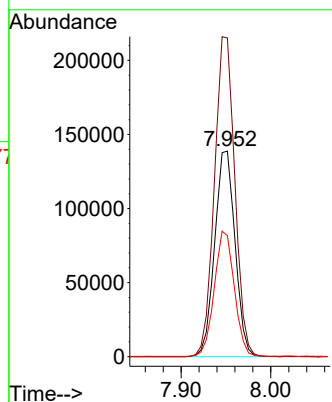
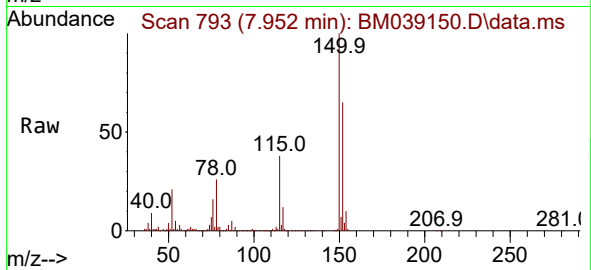




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 79
Delta R.T. 0.001 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

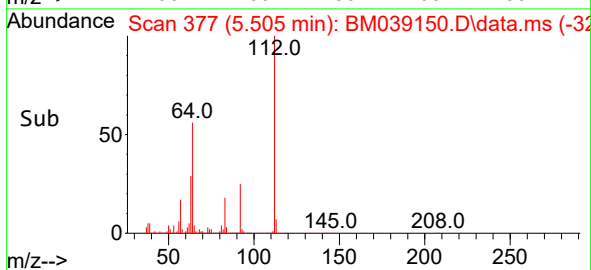
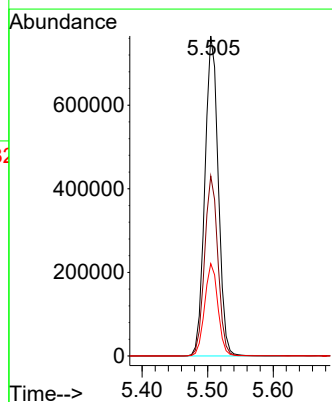
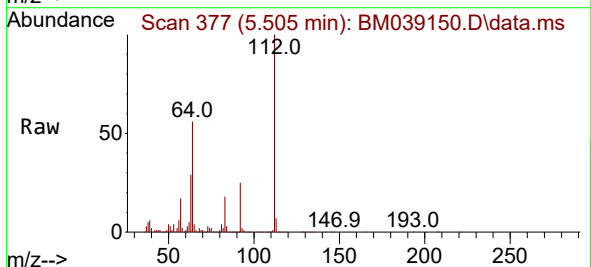
Instrument :
BNA_M
ClientSampleId :
API-3-4

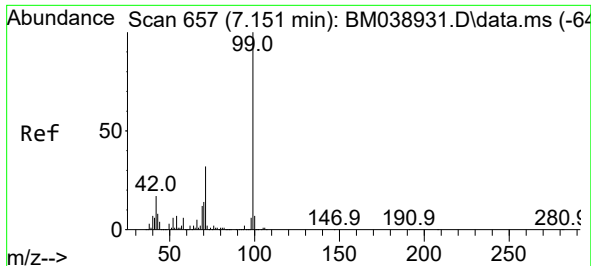
Tgt Ion:152 Resp: 219316
Ion Ratio Lower Upper
152 100
150 155.0 125.1 187.7
115 58.9 49.6 74.4



#5
2-Fluorophenol
Concen: 75.562 ng
RT: 5.505 min Scan# 377
Delta R.T. 0.000 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion:112 Resp: 1090775
Ion Ratio Lower Upper
112 100
64 56.2 45.9 68.9
63 28.9 23.8 35.8

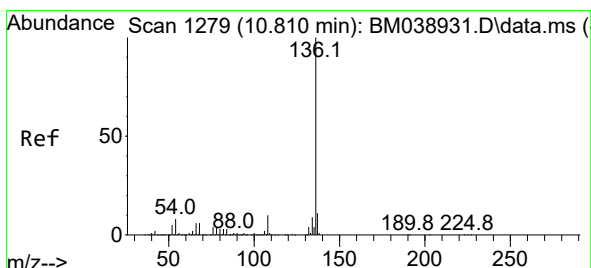
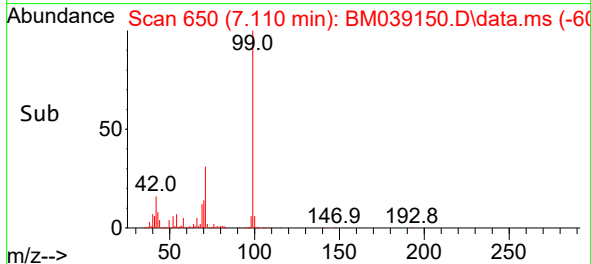
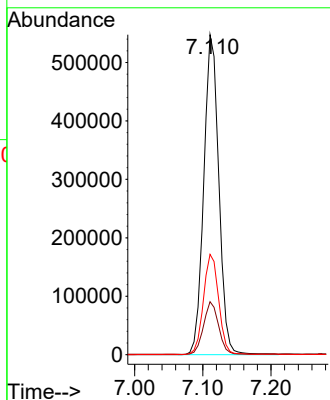
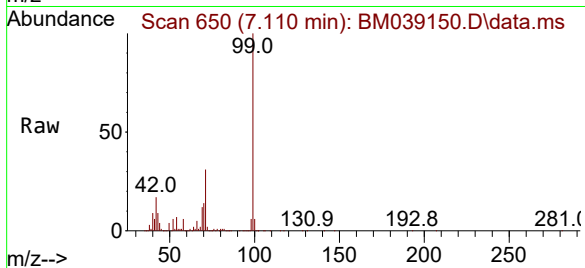




#7
Phenol-d6
Concen: 44.940 ng
RT: 7.110 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

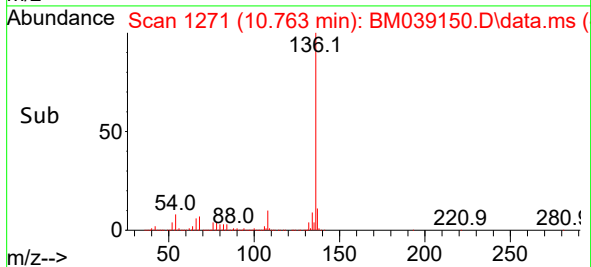
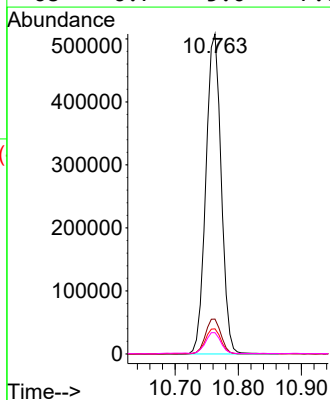
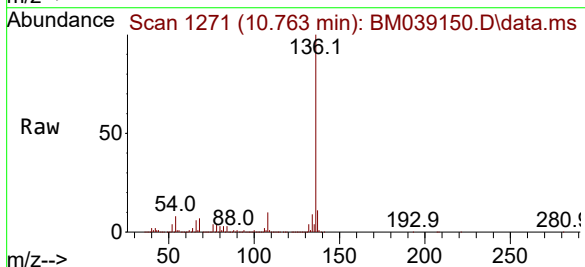
Instrument :
BNA_M
ClientSampleId :
API-3-4

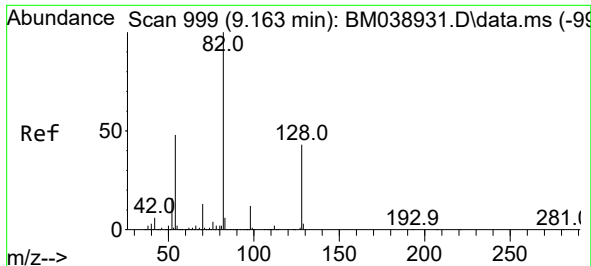
Tgt Ion: 99 Resp: 842642
Ion Ratio Lower Upper
99 100
42 16.6 13.5 20.3
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion: 136 Resp: 854656
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 6.3 9.5
68 6.7 5.0 7.6

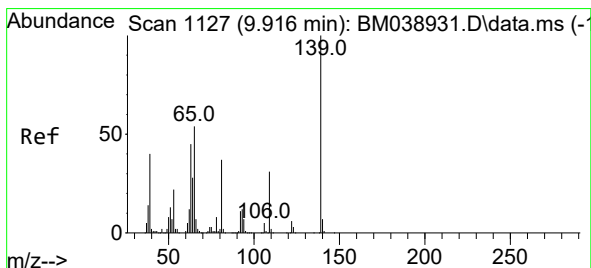
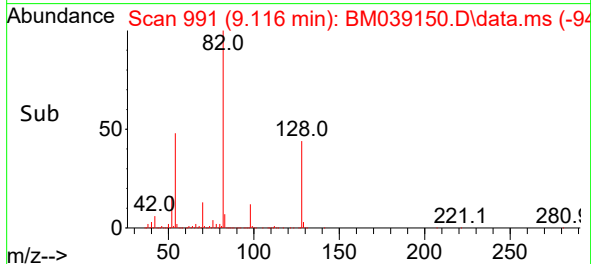
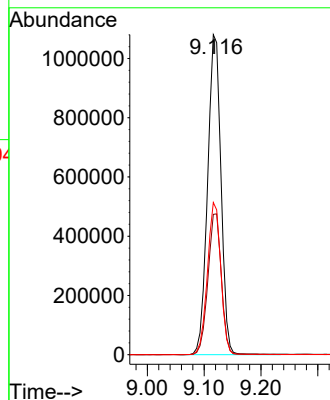
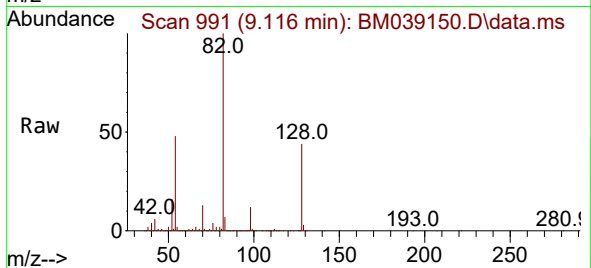




#23
Nitrobenzene-d5
Concen: 101.056 ng
RT: 9.116 min Scan# 991
Delta R.T. -0.005 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

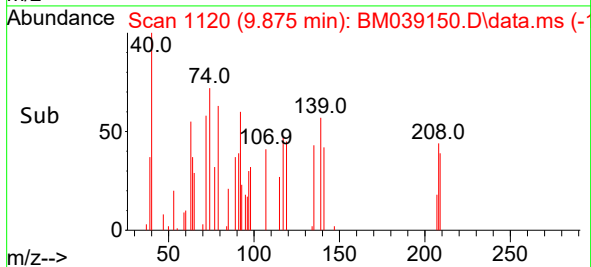
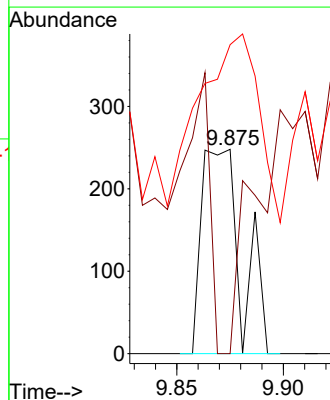
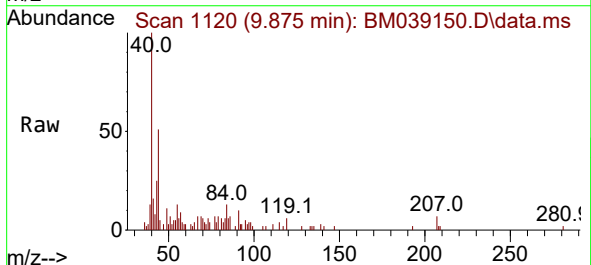
Instrument :
BNA_M
ClientSampleId :
API-3-4

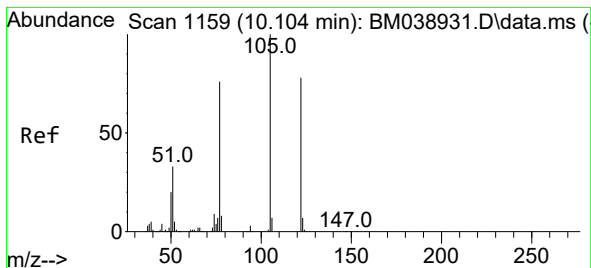
Tgt Ion: 82 Resp: 1758277
Ion Ratio Lower Upper
82 100
128 43.9 34.4 51.6
54 47.5 38.8 58.2



#26
2-Nitrophenol
Concen: 3.028 ng
RT: 9.875 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion:139 Resp: 321
Ion Ratio Lower Upper
139 100
109 0.0 24.5 36.7#
65 151.2 43.0 64.6#





#32

Benzoic acid

Concen: 5.740 ng

RT: 10.099 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

API-3-4

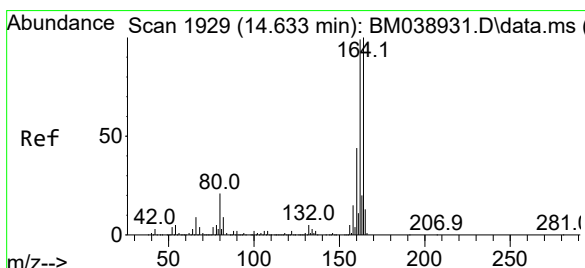
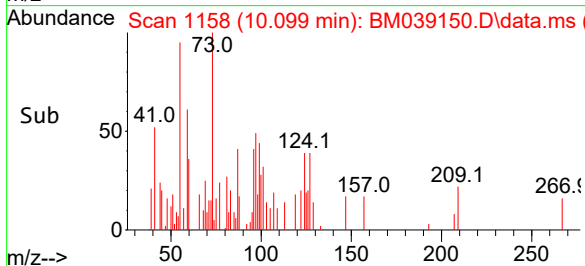
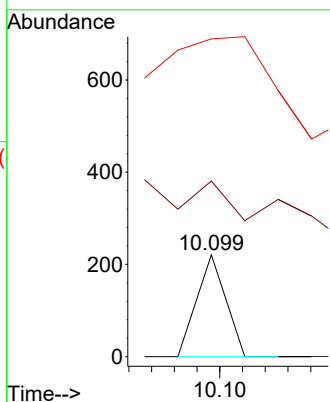
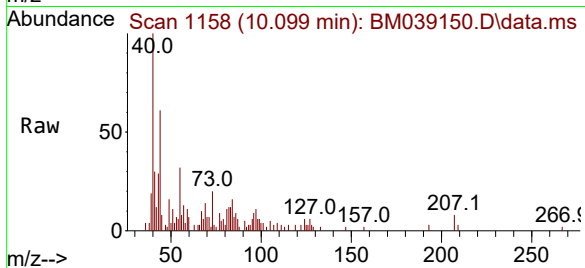
Tgt Ion:122 Resp: 78

Ion Ratio Lower Upper

122 100

105 172.4 104.2 144.2#

77 311.8 75.1 115.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

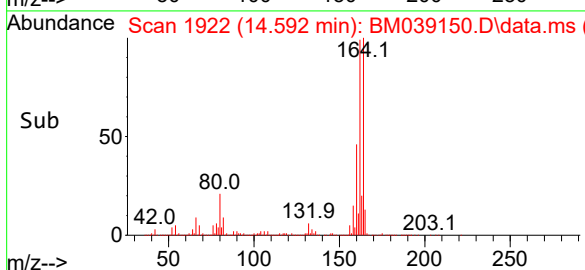
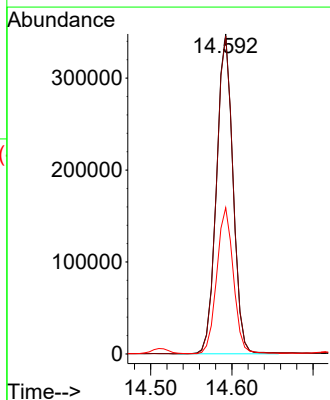
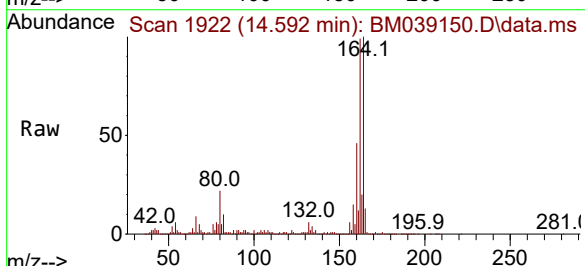
Tgt Ion:164 Resp: 490282

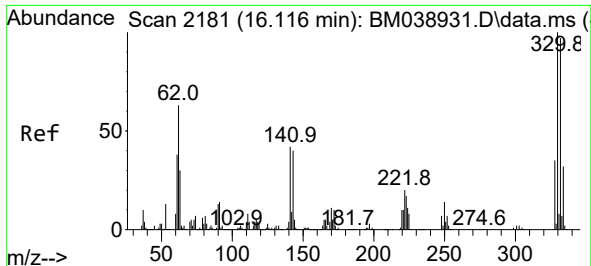
Ion Ratio Lower Upper

164 100

162 99.4 79.2 118.8

160 45.7 35.5 53.3

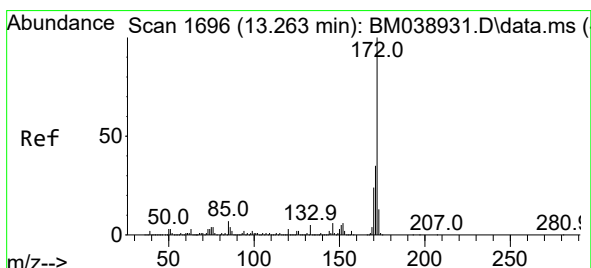
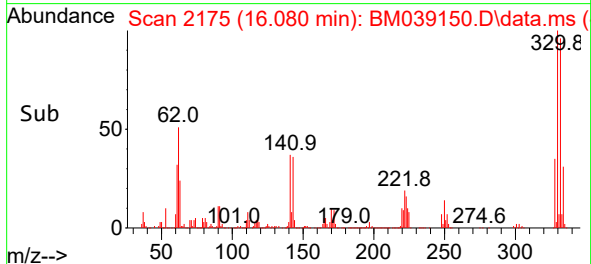
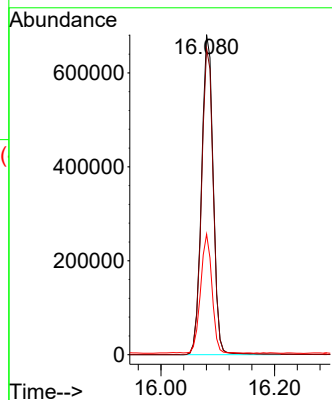
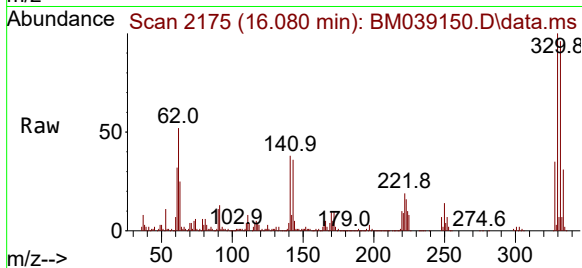




#42
2,4,6-Tribromophenol
Concen: 171.488 ng
RT: 16.080 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

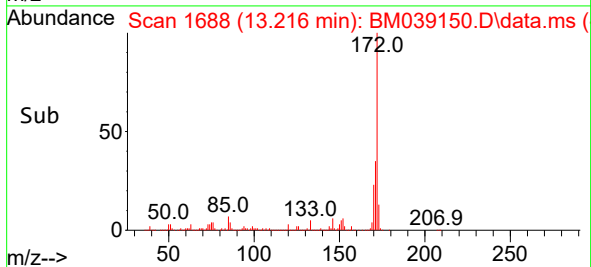
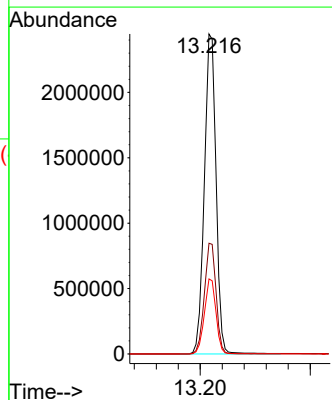
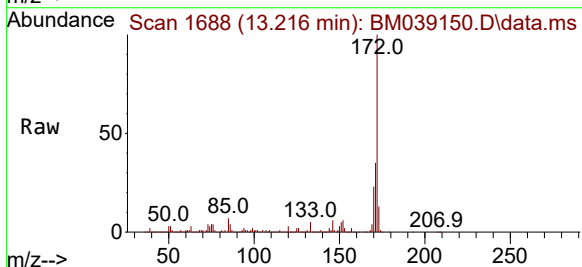
Instrument :
BNA_M
ClientSampleId :
API-3-4

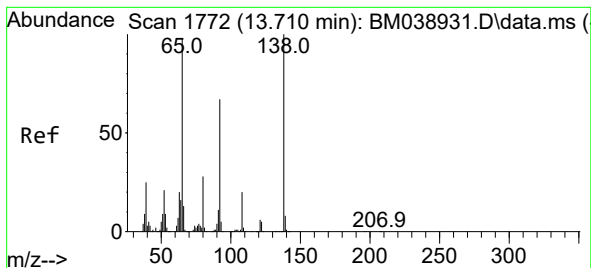
Tgt Ion:330 Resp: 972640
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 36.3 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 95.941 ng
RT: 13.216 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion:172 Resp: 3613323
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.5 19.1 28.7





#48

2-Nitroaniline

Concen: 2.243 ng

RT: 13.675 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

API-3-4

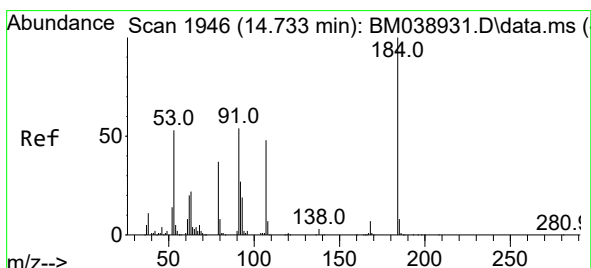
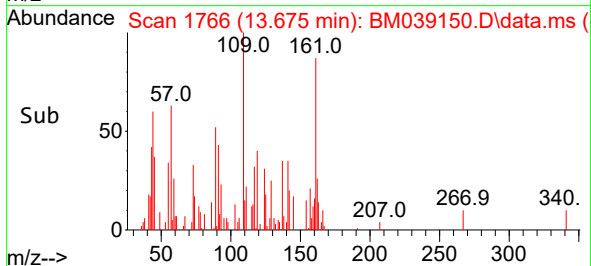
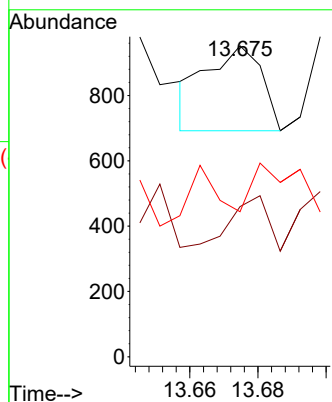
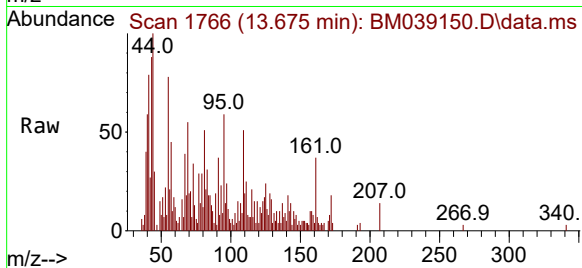
Tgt Ion: 65 Resp: 294

Ion Ratio Lower Upper

65 100

92 48.3 54.9 82.3#

138 46.6 81.6 122.4#



#54

2,4-Dinitrophenol

Concen: 5.291 ng

RT: 14.710 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

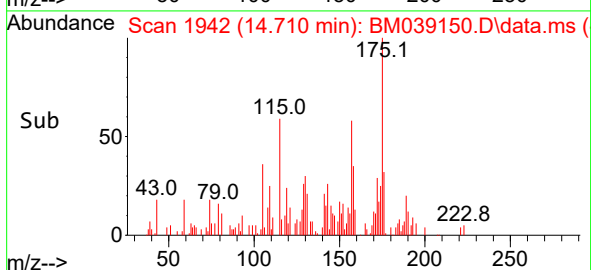
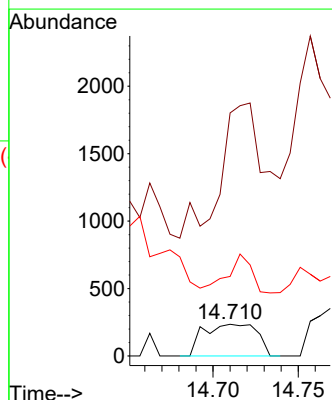
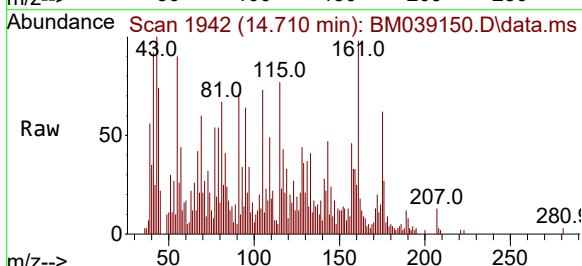
Tgt Ion: 184 Resp: 513

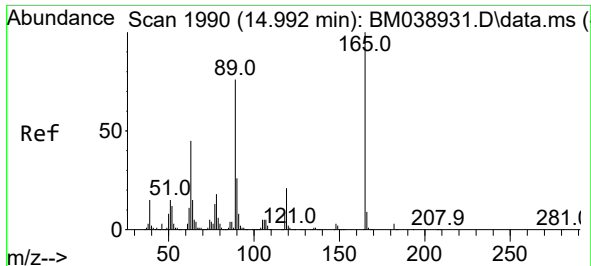
Ion Ratio Lower Upper

184 100

63 766.8 60.6 90.8#

154 251.1 51.4 77.2#

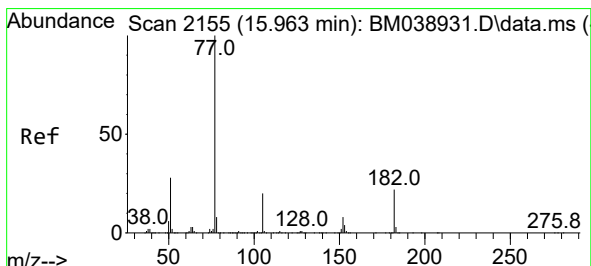
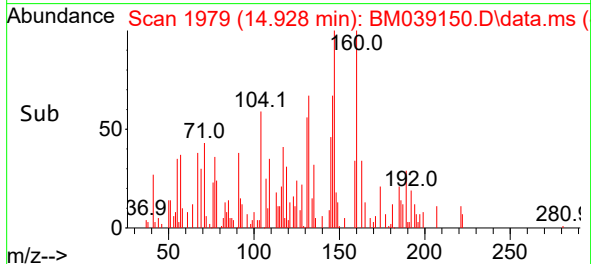
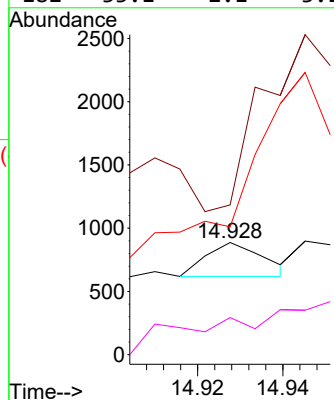
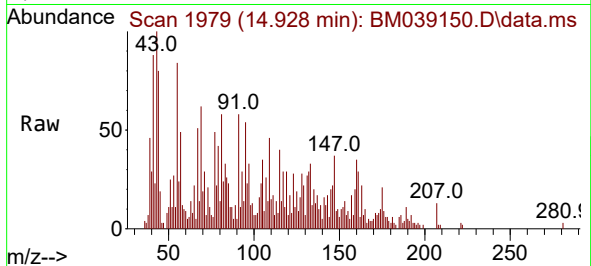




#57
2,4-Dinitrotoluene
Concen: 2.093 ng
RT: 14.928 min Scan# 1990
Delta R.T. -0.035 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

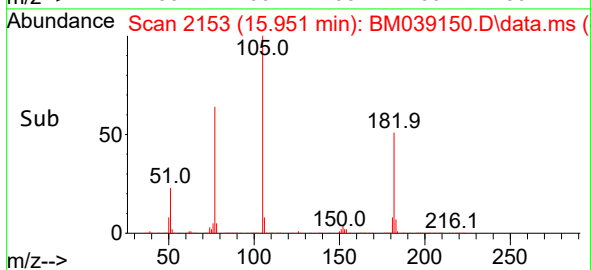
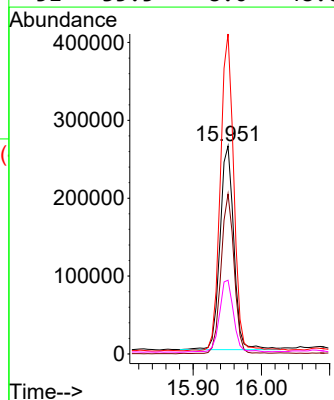
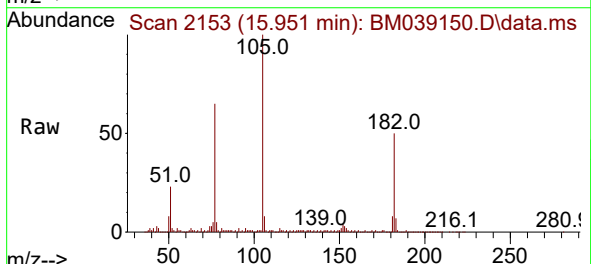
Instrument :
BNA_M
ClientSampleId :
API-3-4

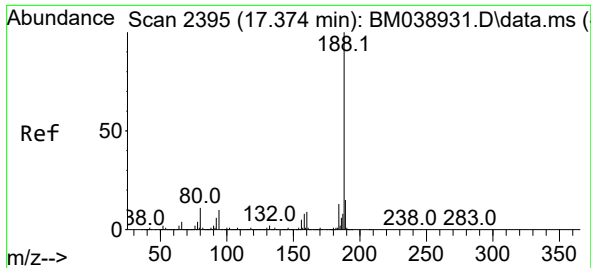
Tgt Ion:165 Resp: 251
Ion Ratio Lower Upper
165 100
63 133.5 35.9 53.9#
89 114.0 61.0 91.6#
182 33.1 2.1 3.1#



#63
Azobenzene
Concen: 9.540 ng
RT: 15.951 min Scan# 2153
Delta R.T. 0.018 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion: 77 Resp: 370546
Ion Ratio Lower Upper
77 100
182 77.0 2.0 42.0#
105 153.8 0.4 40.4#
51 35.5 8.0 48.0

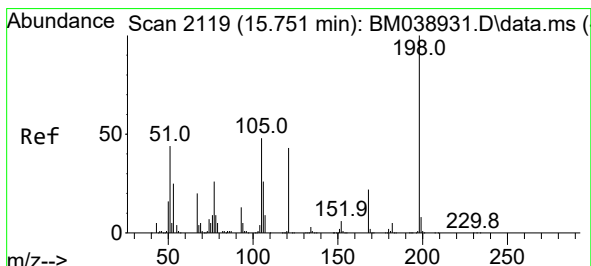
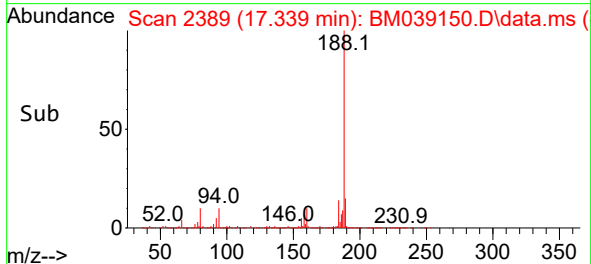
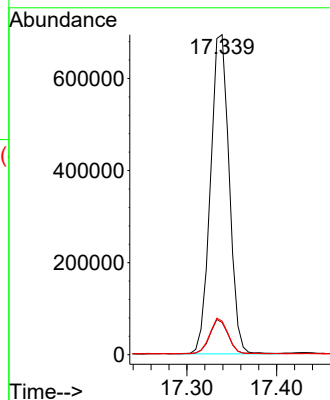
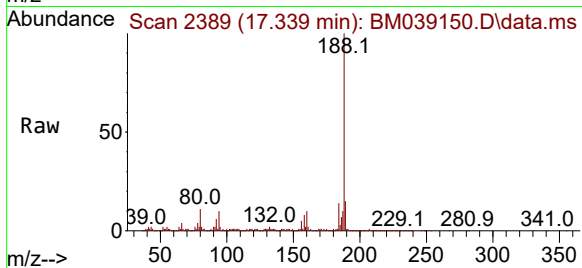




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

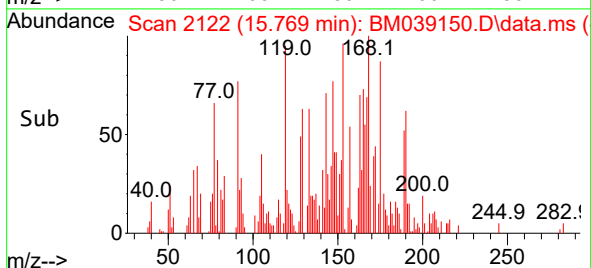
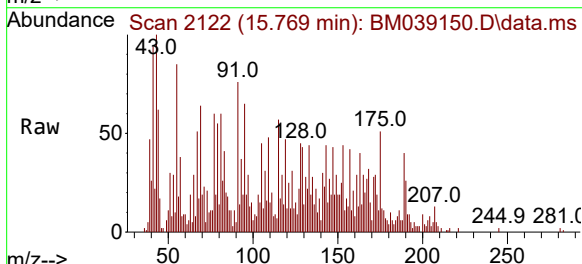
Instrument :
BNA_M
ClientSampleId :
API-3-4

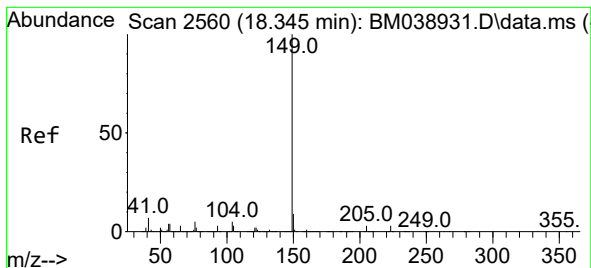
Tgt Ion:188 Resp: 1005509
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.5 8.5 12.7



#65
4,6-Dinitro-2-methylphenol
Concen: 5.105 ng
RT: 15.769 min Scan# 2122
Delta R.T. 0.042 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion:198 Resp: 127
Ion Ratio Lower Upper
198 100
51 1133.2 30.1 70.1#
105 1707.0 29.3 69.3#





#74

Di-n-butylphthalate

Concen: 2.007 ng

RT: 18.304 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

API-3-4

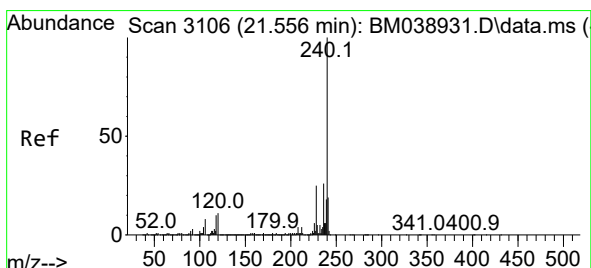
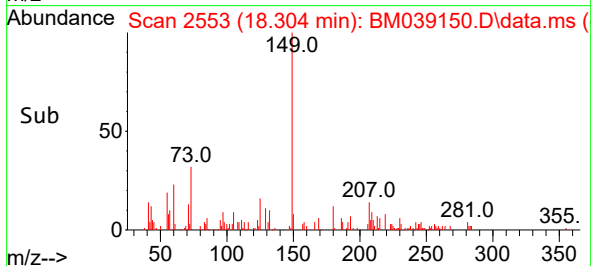
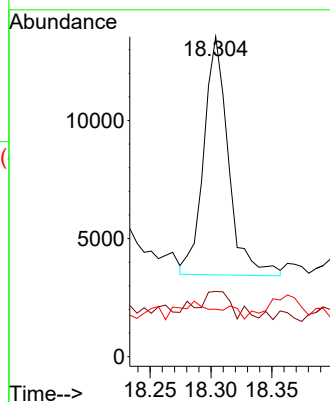
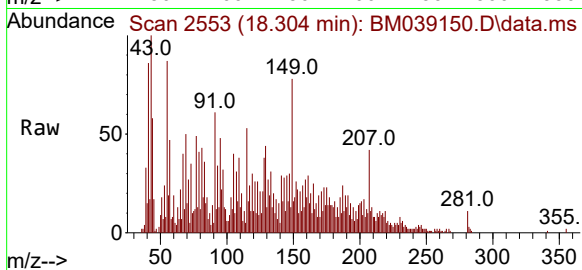
Tgt Ion:149 Resp: 14171

Ion Ratio Lower Upper

149 100

150 20.4 7.4 11.2#

104 14.8 4.3 6.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3099

Delta R.T. -0.011 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

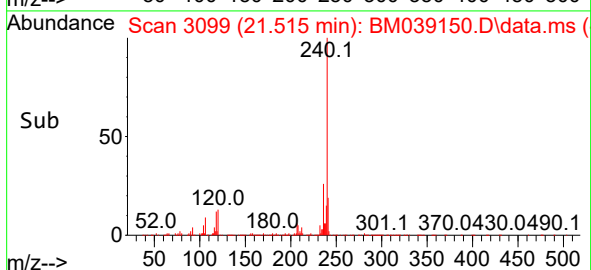
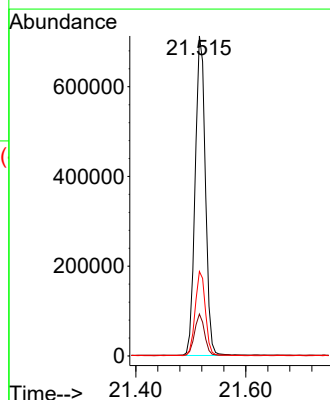
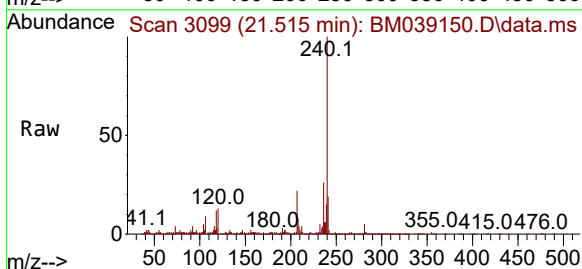
Tgt Ion:240 Resp: 919168

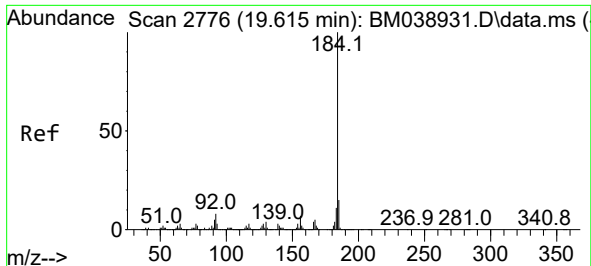
Ion Ratio Lower Upper

240 100

120 13.1 9.2 13.8

236 26.4 20.8 31.2

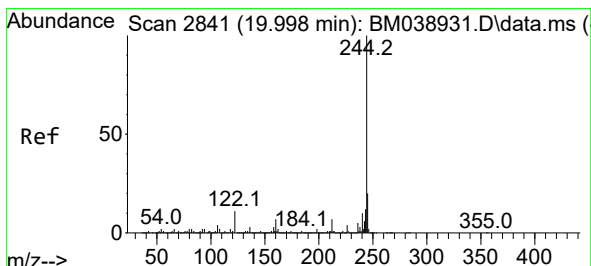
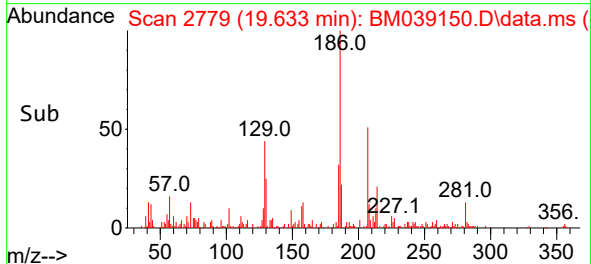
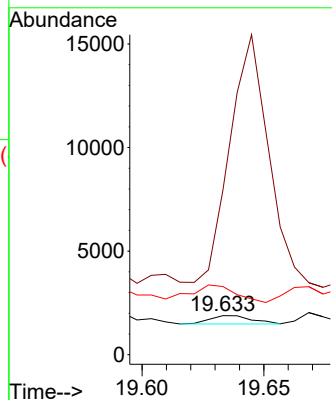
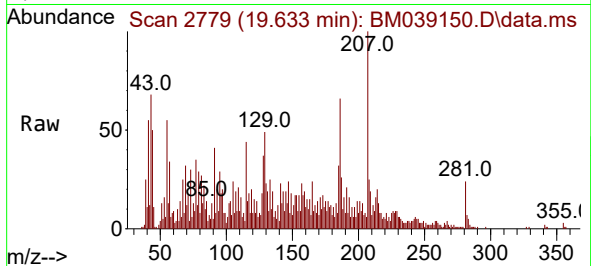




#77
Benzidine
Concen: 4.897 ng
RT: 19.633 min Scan# 21
Delta R.T. 0.047 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

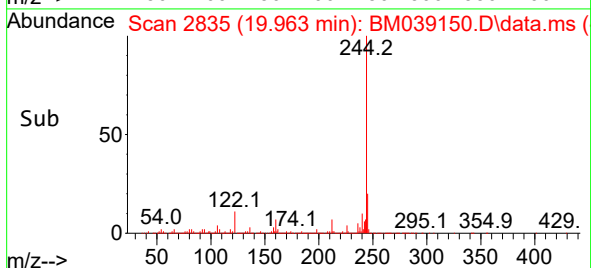
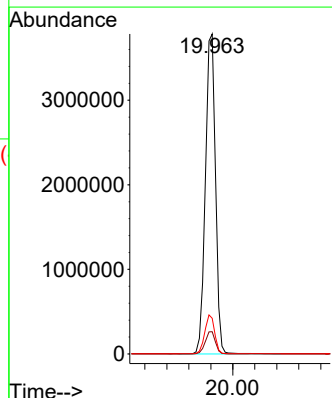
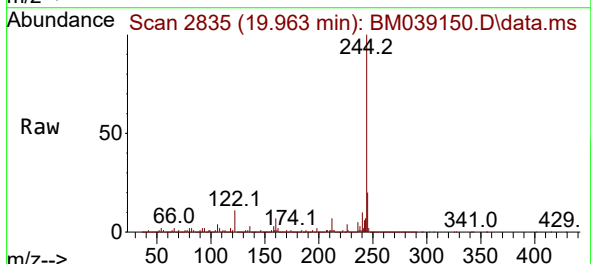
Instrument :
BNA_M
ClientSampleId :
API-3-4

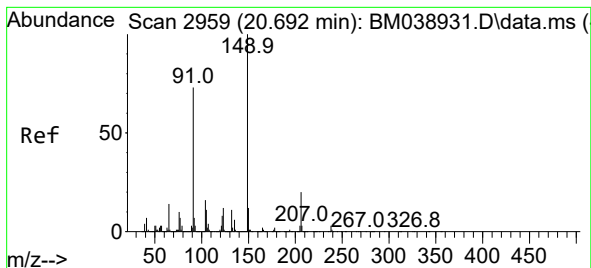
Tgt Ion:184 Resp: 480
Ion Ratio Lower Upper
184 100
185 421.4 12.2 18.4#
183 174.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 95.629 ng
RT: 19.963 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BM039150.D
Acq: 24 Mar 2023 20:22

Tgt Ion:244 Resp: 4807631
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.2 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.374 ng

RT: 20.651 min Scan# 2952

Delta R.T. -0.006 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

API-3-4

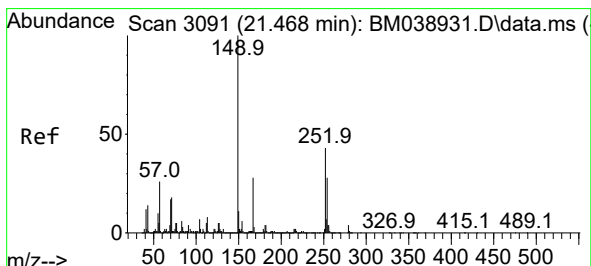
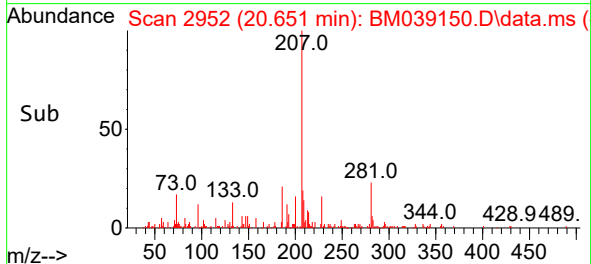
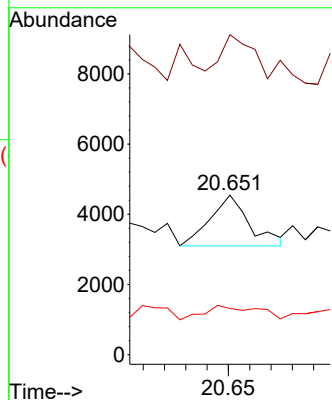
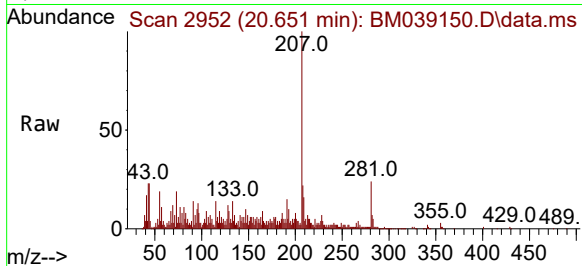
Tgt Ion:149 Resp: 1841

Ion Ratio Lower Upper

149 100

91 200.7 58.4 87.6#

206 29.0 16.1 24.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.696 ng

RT: 21.427 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

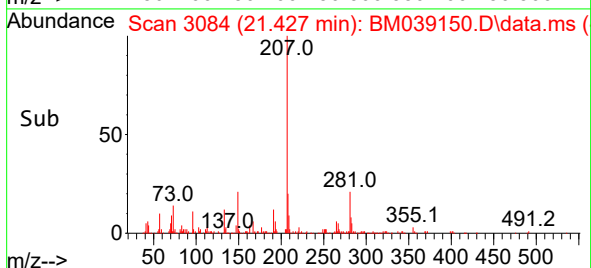
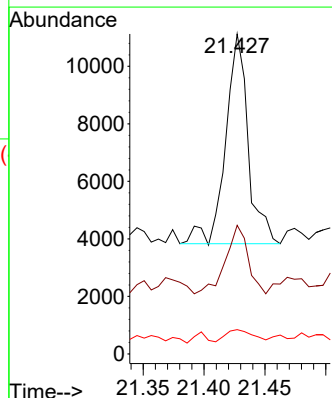
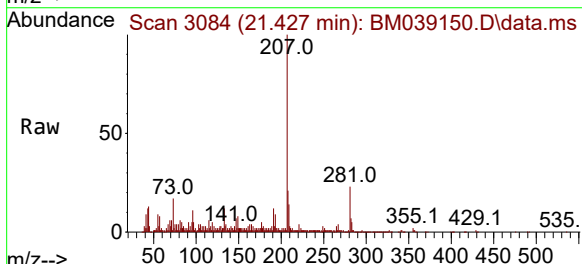
Tgt Ion:149 Resp: 9439

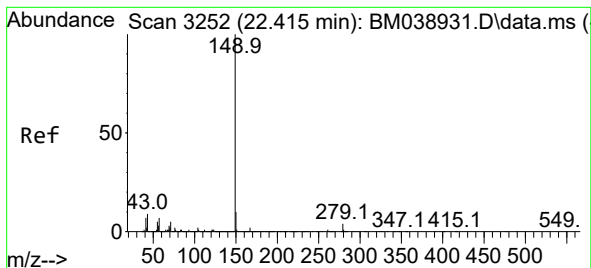
Ion Ratio Lower Upper

149 100

167 40.2 22.3 33.5#

279 7.6 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 3.848 ng

RT: 22.380 min Scan# 31

Delta R.T. 0.012 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

API-3-4

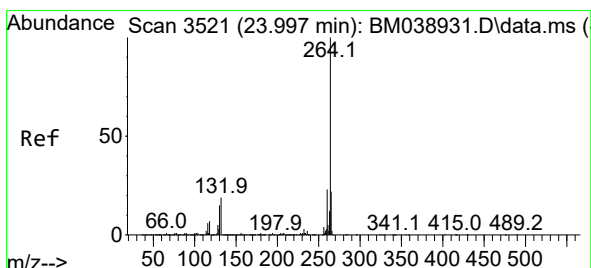
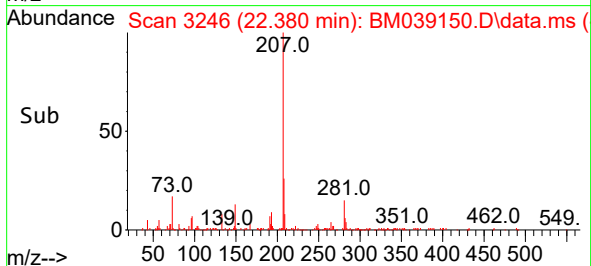
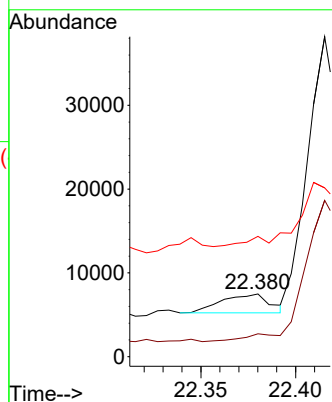
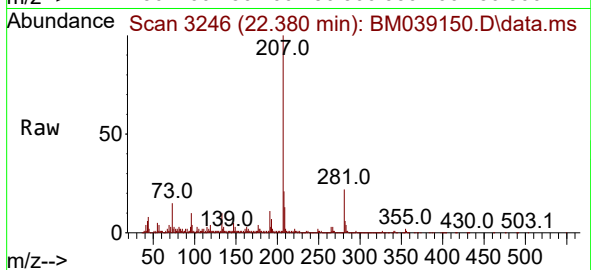
Tgt Ion:149 Resp: 3940

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.945 min Scan# 3512

Delta R.T. -0.011 min

Lab File: BM039150.D

Acq: 24 Mar 2023 20:22

Tgt Ion:264 Resp: 1023495

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 23.3 17.9 26.9

