

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039171.D
 Acq On : 27 Mar 2023 21:47
 Operator : CG/JU
 Sample : 02021-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JPP-6E-032023

Quant Time: Mar 28 01:53:41 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)

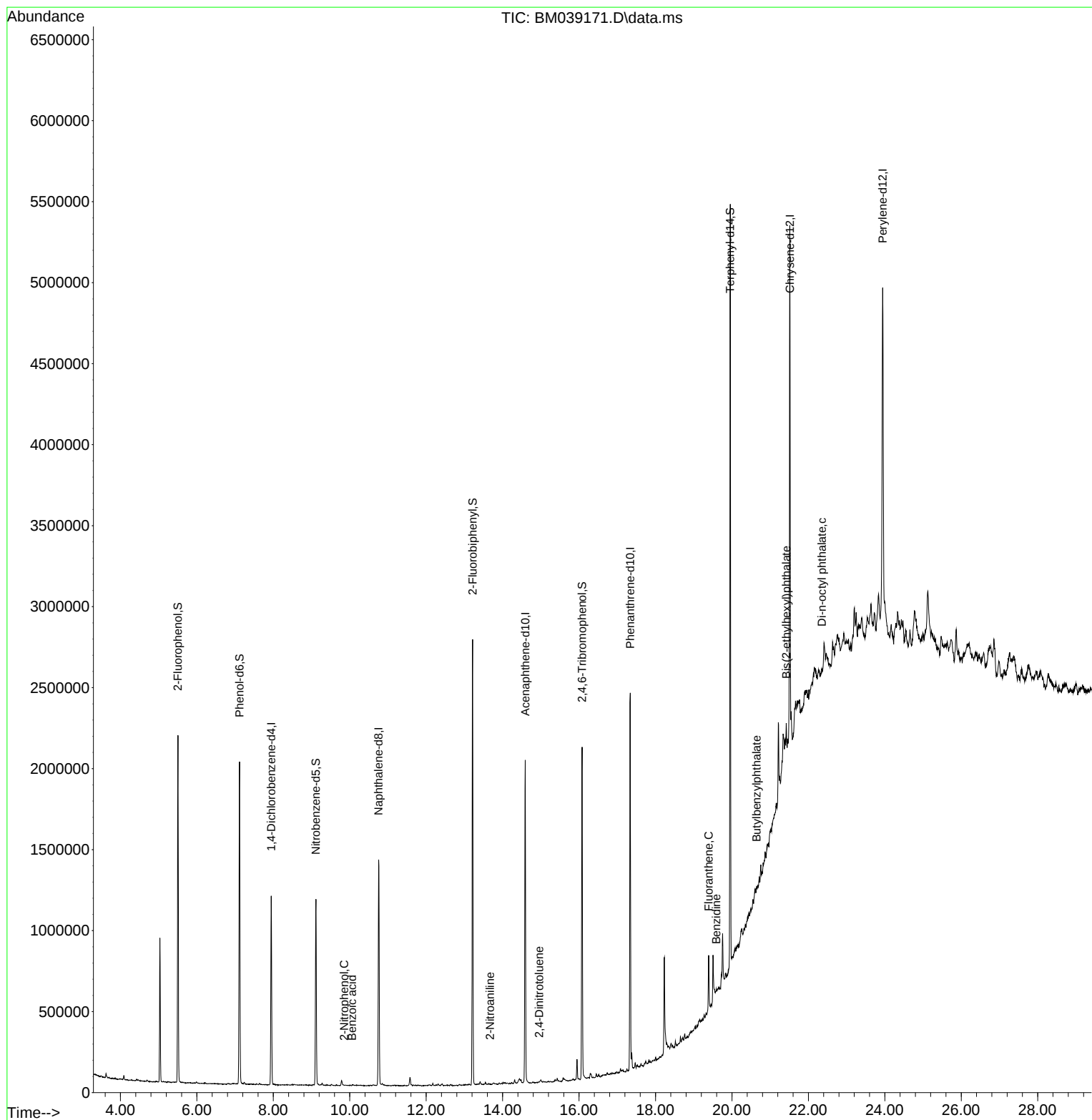
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	306185	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1164244	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	653058	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	1389705	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1374770	20.000	ng	0.00
86) Perylene-d12	23.944	264	1565666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	909883	45.148	ng	0.00
7) Phenol-d6	7.116	99	1135535	43.379	ng	0.00
23) Nitrobenzene-d5	9.116	82	658853	27.798	ng	0.00
42) 2,4,6-Tribromophenol	16.080	330	357177	47.278	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	1372036	27.350	ng	0.00
79) Terphenyl-d14	19.956	244	2181820	29.016	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.857	139	58	2.996	ng	# 1
32) Benzoic acid	10.063	122	332	5.754	ng	# 1
48) 2-Nitroaniline	13.674	65	102	2.223	ng	# 30
57) 2,4-Dinitrotoluene	14.957	165	487	2.103	ng	# 73
75) Fluoranthene	19.392	202	179720	2.087	ng	# 98
77) Benzidine	19.592	184	97	4.879	ng	# 1
80) Butylbenzylphthalate	20.644	149	6771	3.459	ng	# 75
84) Bis(2-ethylhexyl)phtha...	21.421	149	49758	3.228	ng	# 96
85) Di-n-octyl phthalate	22.356	149	5073	3.841	ng	# 60

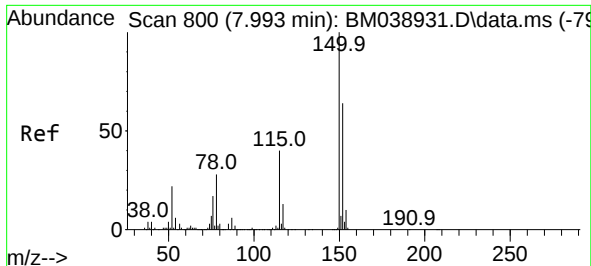
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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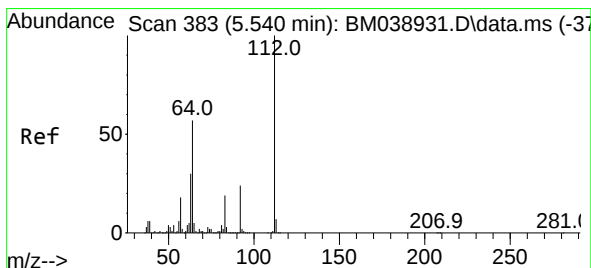
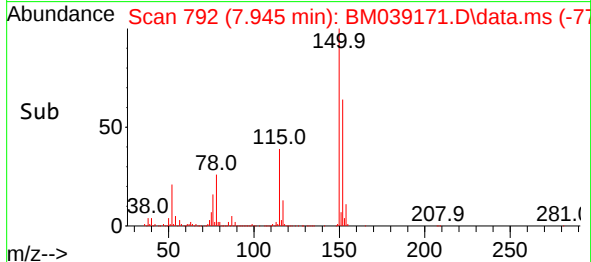
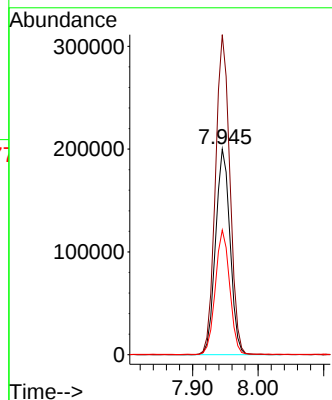
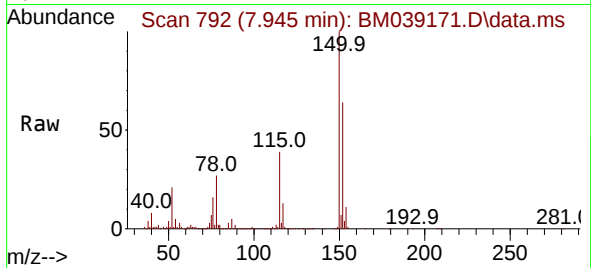




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.945 min Scan# 799
Delta R.T. 0.000 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

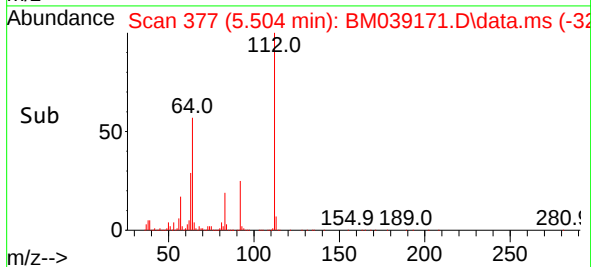
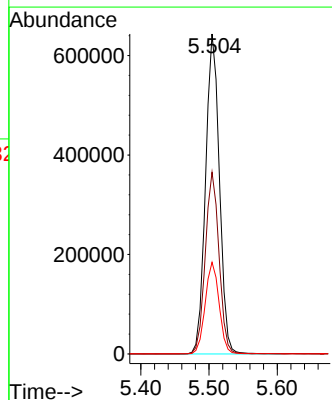
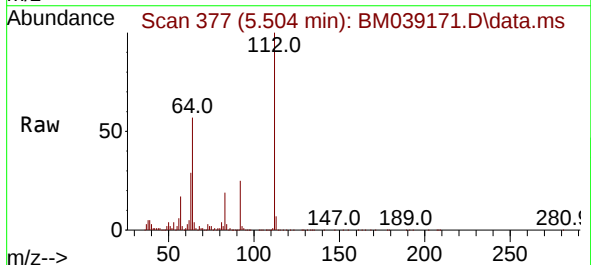
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BNA_M
ClientSampleId :
JPP-6E-032023

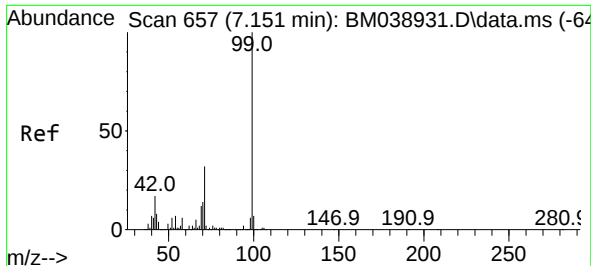
Tgt Ion:152 Resp: 306185
Ion Ratio Lower Upper
152 100
150 155.6 125.1 187.7
115 60.6 49.6 74.4



#5
2-Fluorophenol
Concen: 45.148 ng
RT: 5.504 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

Tgt Ion:112 Resp: 909883
Ion Ratio Lower Upper
112 100
64 56.8 45.9 68.9
63 28.6 23.8 35.8

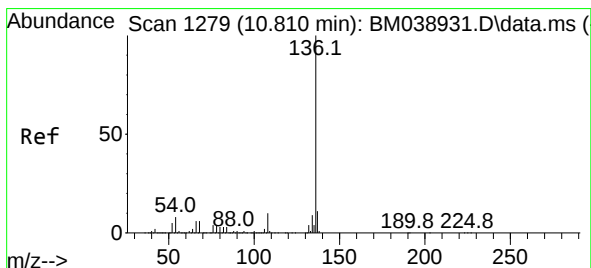
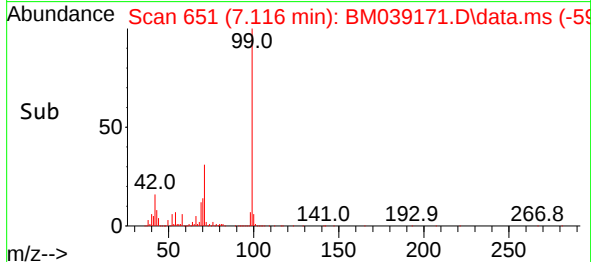
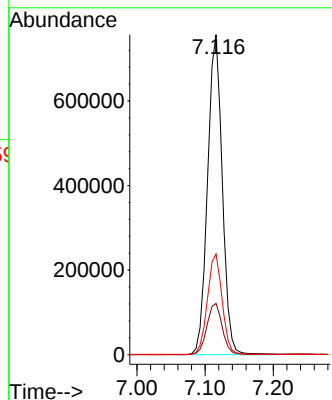
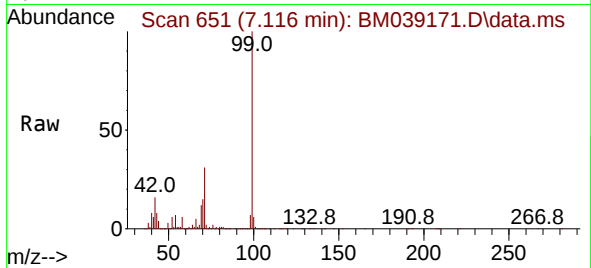




#7
Phenol-d6
Concen: 43.379 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

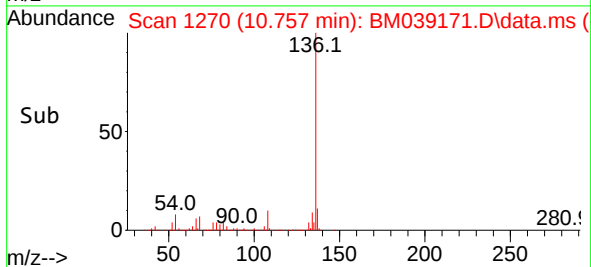
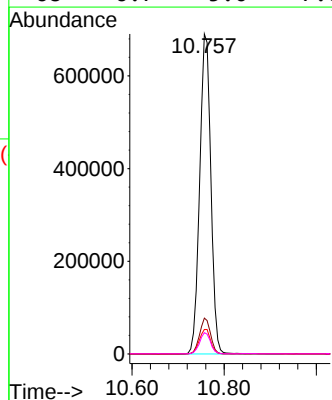
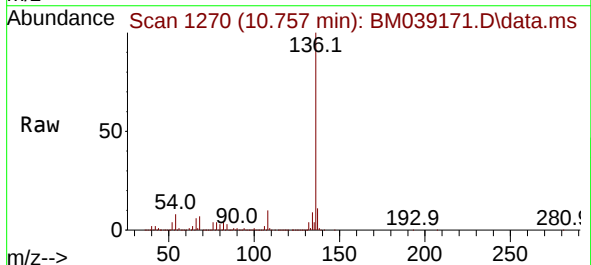
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

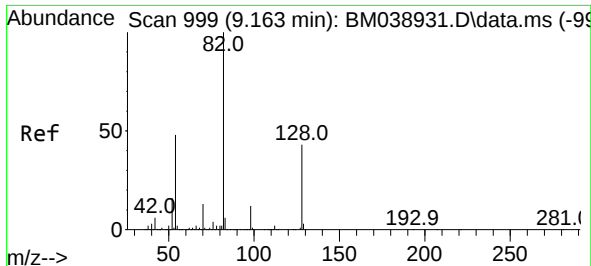
Tgt Ion: 99 Resp: 1135535
Ion Ratio Lower Upper
99 100
42 16.0 13.5 20.3
71 31.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

Tgt Ion: 136 Resp: 1164244
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.6 6.3 9.5
68 6.7 5.0 7.6

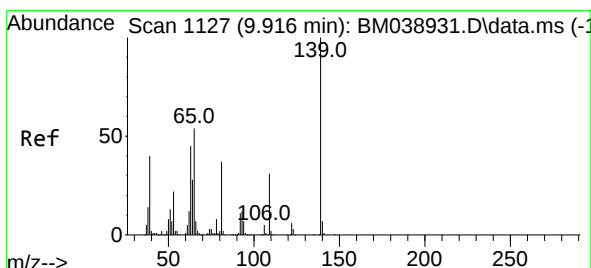
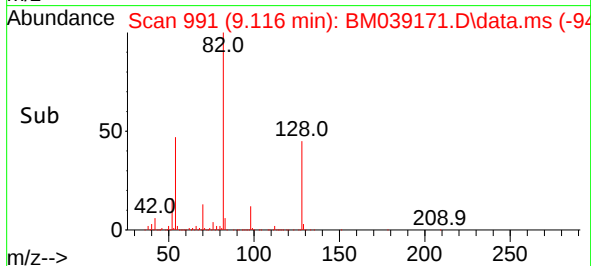
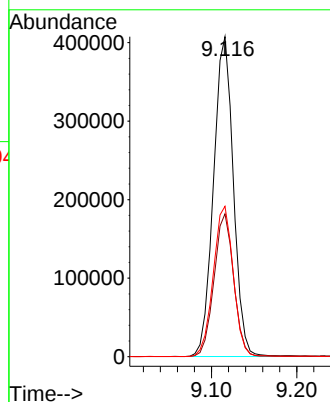
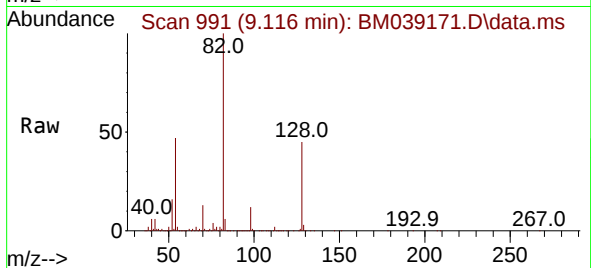




#23
Nitrobenzene-d5
Concen: 27.798 ng
RT: 9.116 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

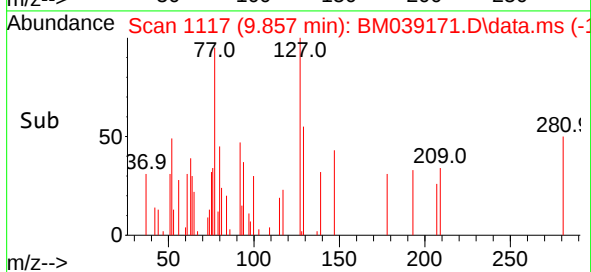
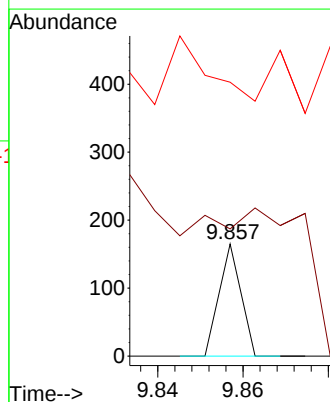
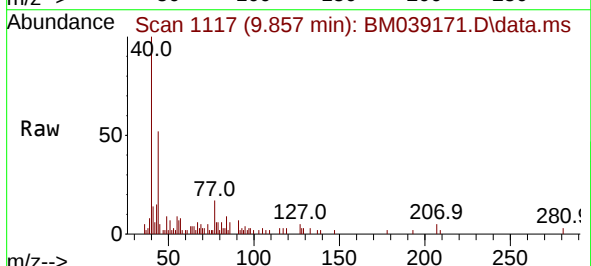
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

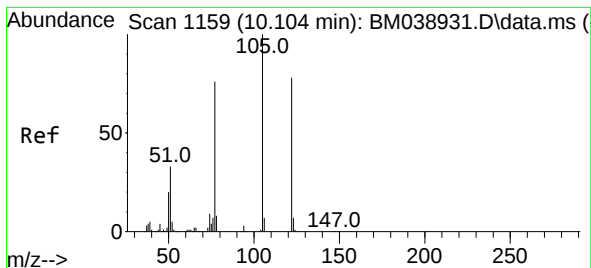
Tgt Ion: 82 Resp: 658853
Ion Ratio Lower Upper
82 100
128 44.7 34.4 51.6
54 47.0 38.8 58.2



#26
2-Nitrophenol
Concen: 2.996 ng
RT: 9.857 min Scan# 1117
Delta R.T. -0.012 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 113.3 24.5 36.7#
65 244.2 43.0 64.6#

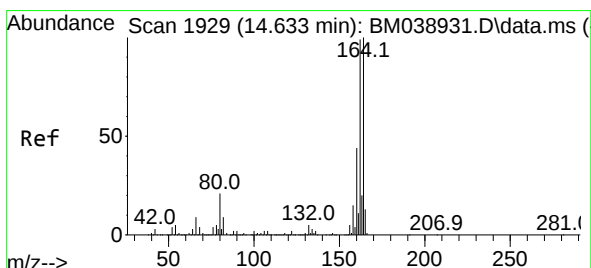
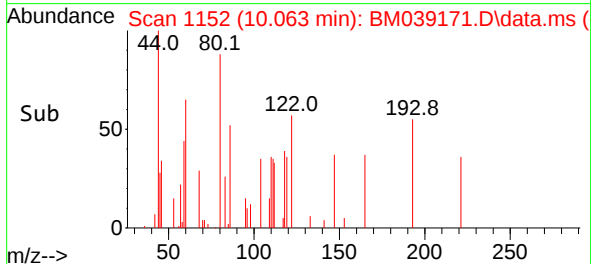
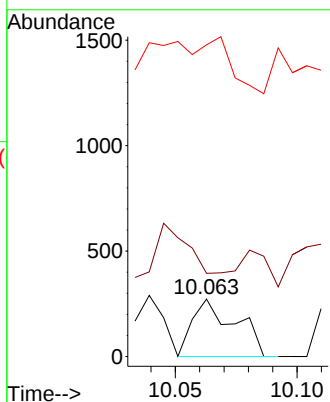
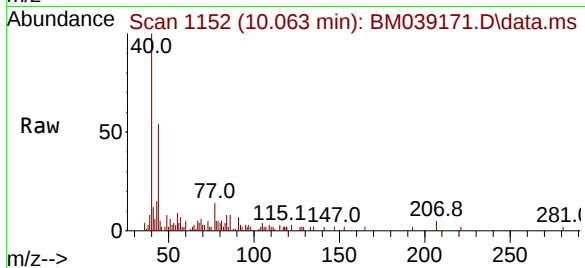




#32
Benzoic acid
Concen: 5.754 ng
RT: 10.063 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

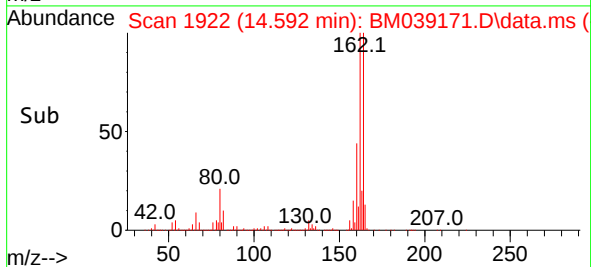
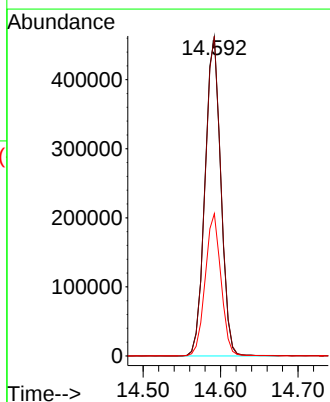
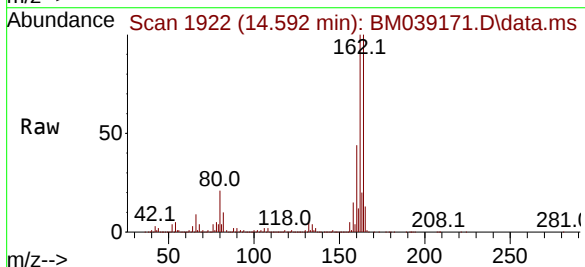
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ClientSampleId :
JPP-6E-032023

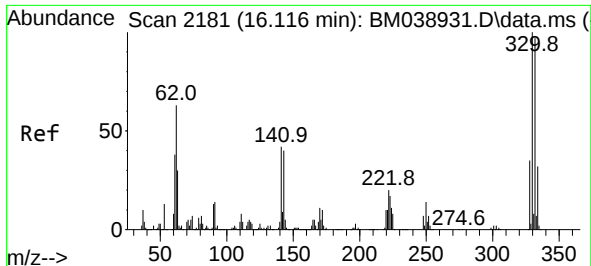
Tgt Ion:122 Resp: 332
Ion Ratio Lower Upper
122 100
105 144.7 104.2 144.2#
77 541.4 75.1 115.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

Tgt Ion:164 Resp: 653058
Ion Ratio Lower Upper
164 100
162 100.4 79.2 118.8
160 44.6 35.5 53.3

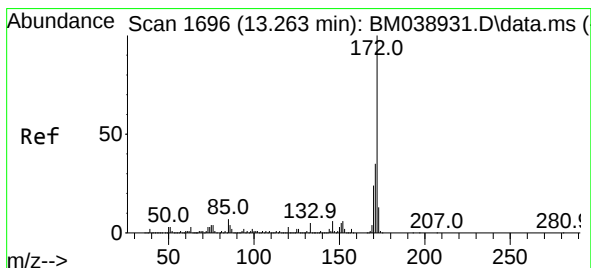
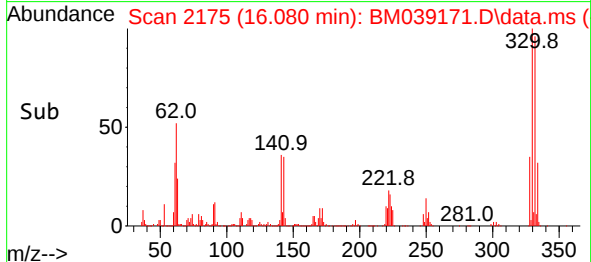
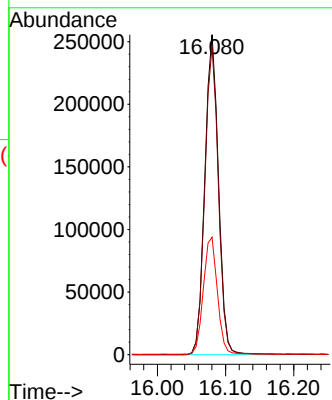
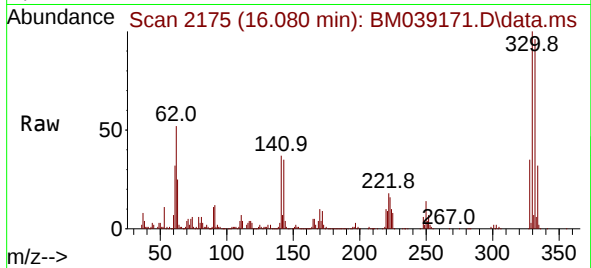




#42
2,4,6-Tribromophenol
Concen: 47.278 ng
RT: 16.080 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

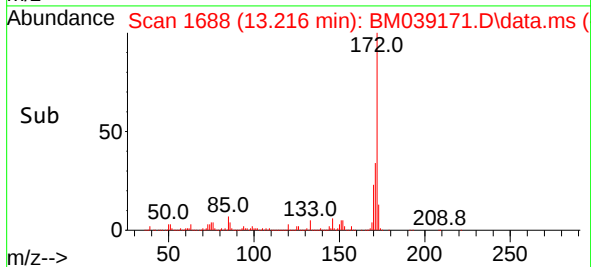
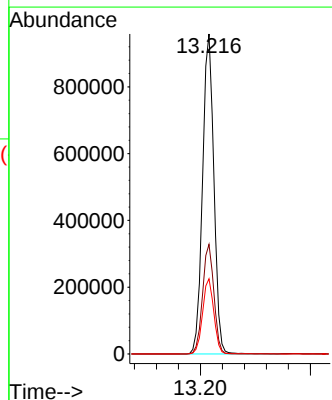
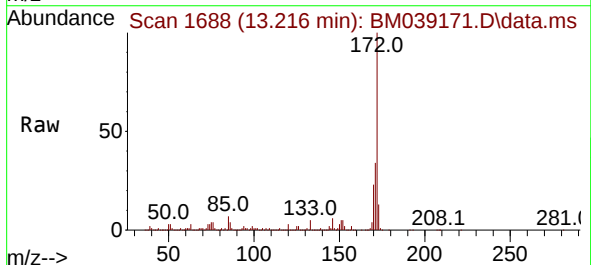
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ClientSampleId :
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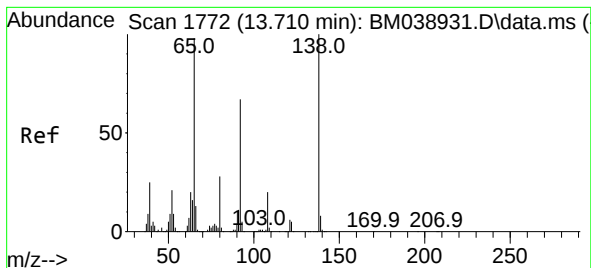
Tgt Ion:330 Resp: 357177
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 37.4 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 27.350 ng
RT: 13.216 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

Tgt Ion:172 Resp: 1372036
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 23.5 19.1 28.7





#48

2-Nitroaniline

Concen: 2.223 ng

RT: 13.674 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039171.D

Acq: 27 Mar 2023 21:47

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

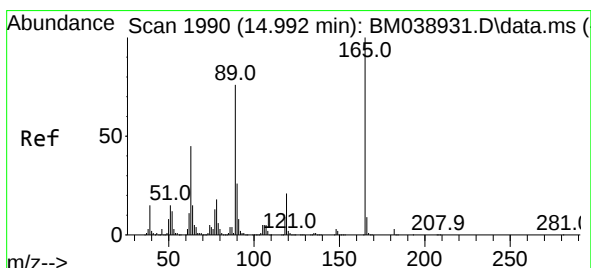
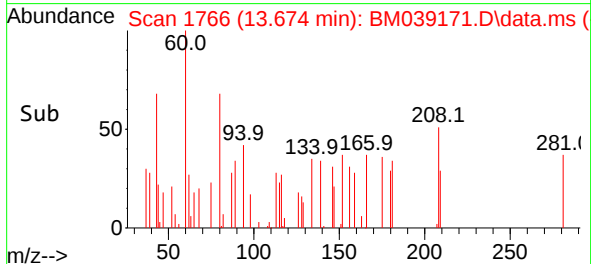
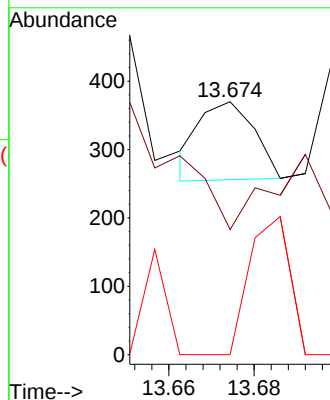
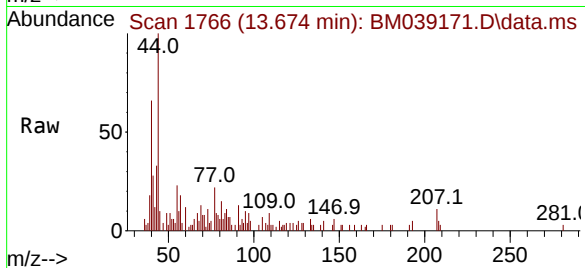
Tgt Ion: 65 Resp: 102

Ion Ratio Lower Upper

65 100

92 49.5 54.9 82.3#

138 0.0 81.6 122.4#



#57

2,4-Dinitrotoluene

Concen: 2.103 ng

RT: 14.957 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BM039171.D

Acq: 27 Mar 2023 21:47

Tgt Ion: 165 Resp: 487

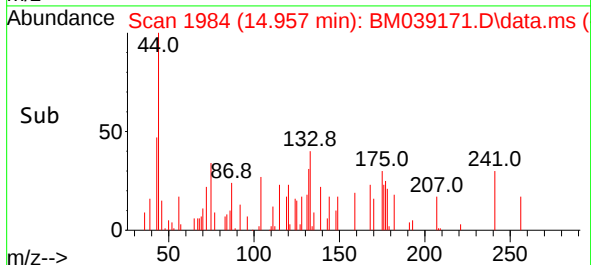
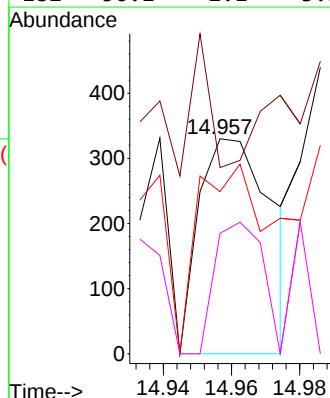
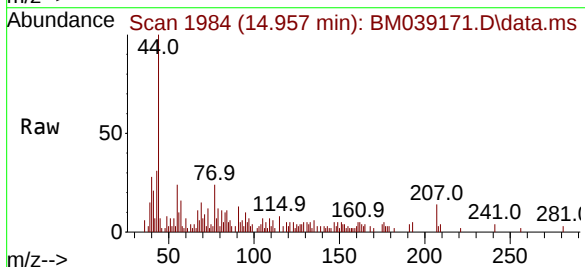
Ion Ratio Lower Upper

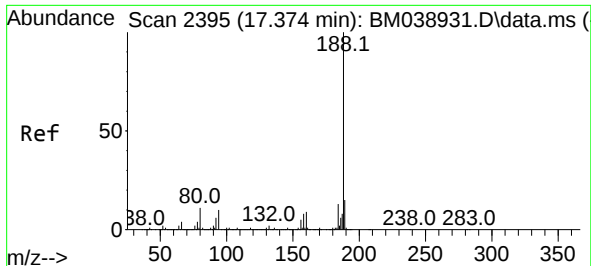
165 100

63 86.7 35.9 53.9#

89 75.5 61.0 91.6

182 56.1 2.1 3.1#

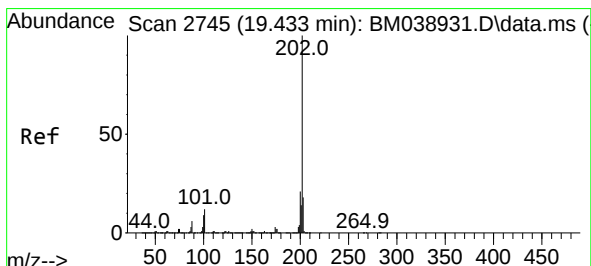
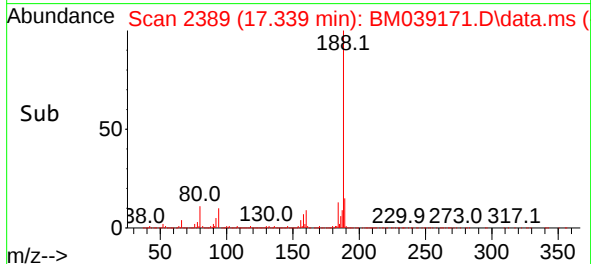
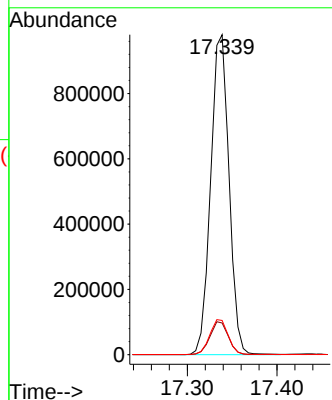
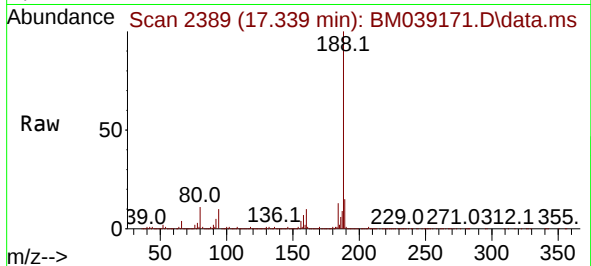




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

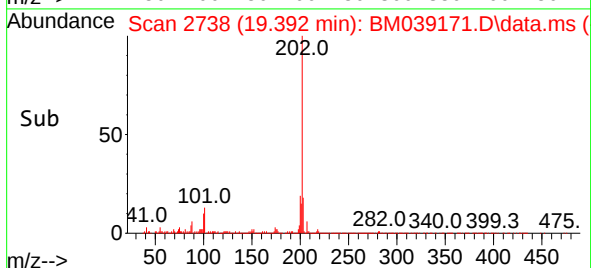
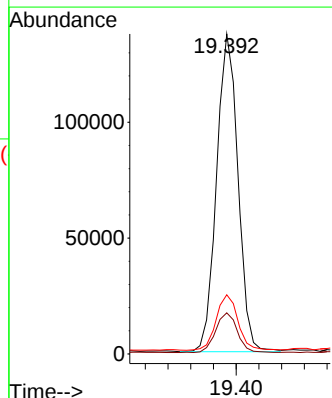
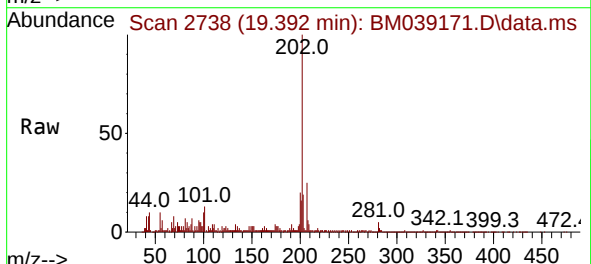
Instrument :
BNA_M
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JPP-6E-032023

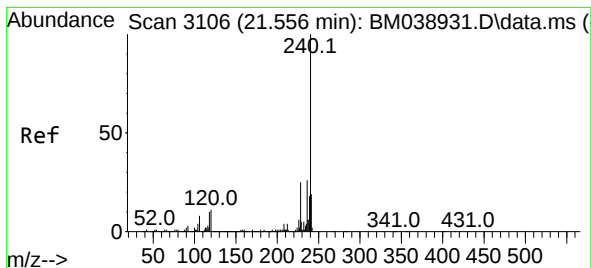
Tgt Ion:188 Resp: 1389705
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.7 8.5 12.7



#75
Fluoranthene
Concen: 2.087 ng
RT: 19.392 min Scan# 2738
Delta R.T. -0.000 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

Tgt Ion:202 Resp: 179720
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.7
203 18.5 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM039171.D

Acq: 27 Mar 2023 21:47

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

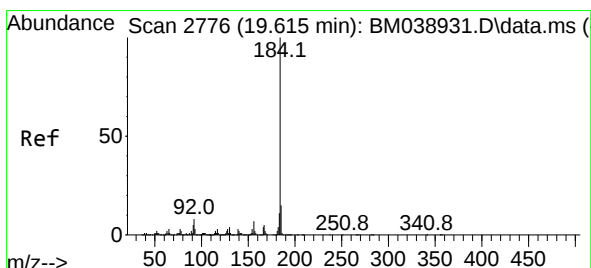
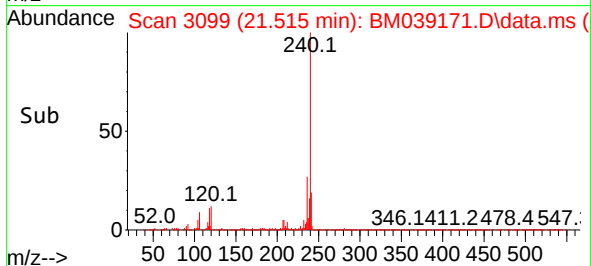
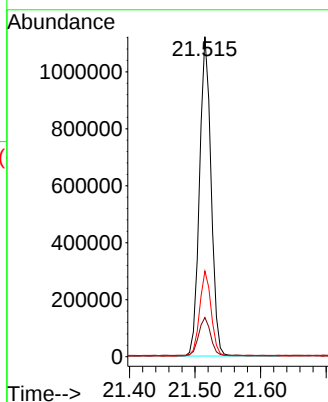
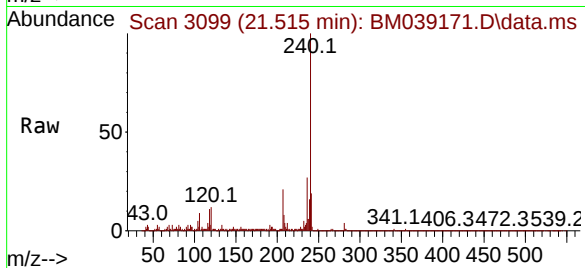
Tgt Ion:240 Resp: 1374770

Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 26.7 20.8 31.2



#77

Benzidine

Concen: 4.879 ng

RT: 19.592 min Scan# 2772

Delta R.T. 0.012 min

Lab File: BM039171.D

Acq: 27 Mar 2023 21:47

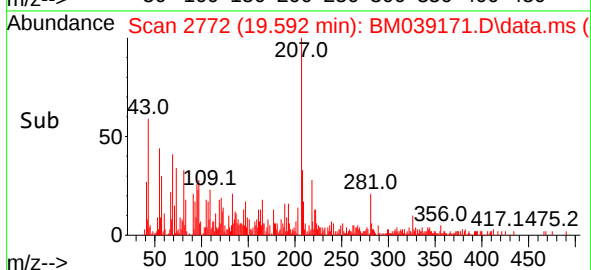
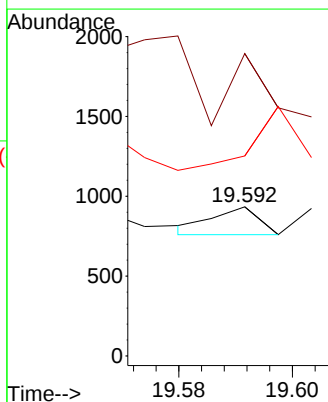
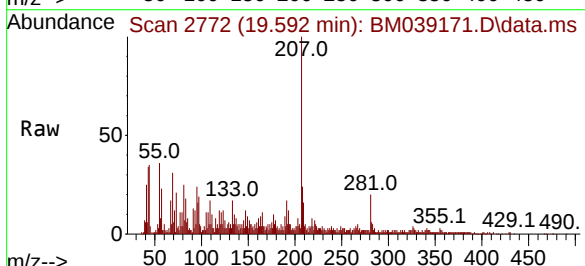
Tgt Ion:184 Resp: 97

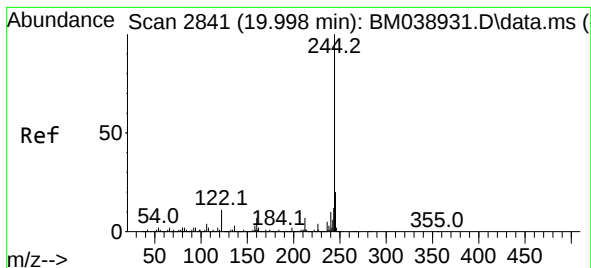
Ion Ratio Lower Upper

184 100

185 202.8 12.2 18.4#

183 134.2 8.8 13.2#





#79

Terphenyl-d14

Concen: 29.016 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039171.D

Acq: 27 Mar 2023 21:47

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

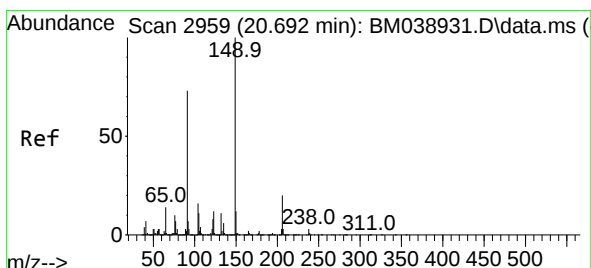
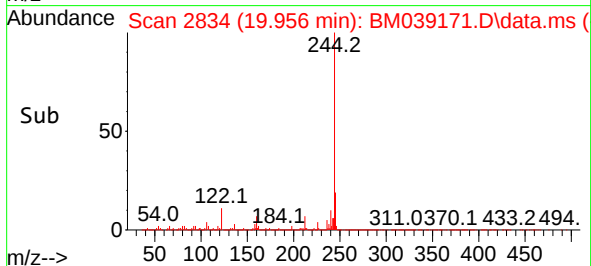
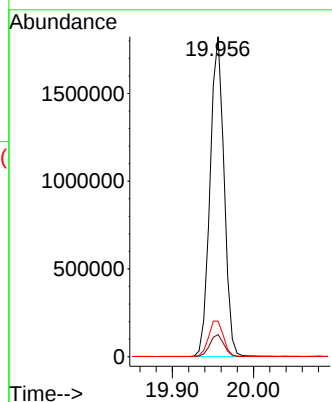
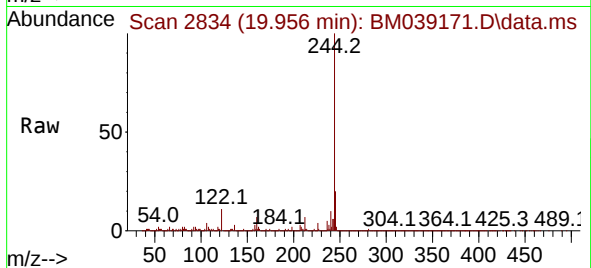
Tgt Ion:244 Resp: 2181820

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 3.459 ng

RT: 20.644 min Scan# 2951

Delta R.T. -0.000 min

Lab File: BM039171.D

Acq: 27 Mar 2023 21:47

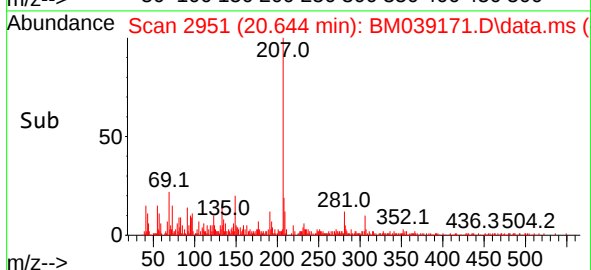
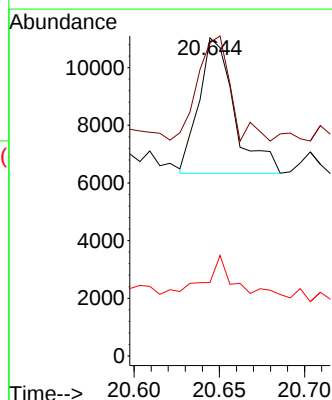
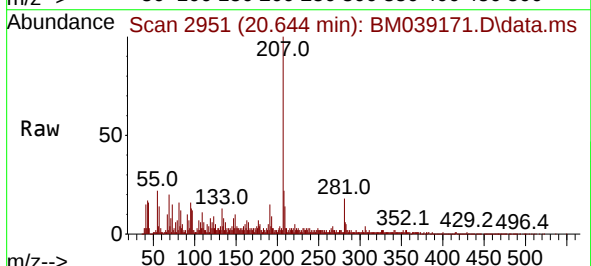
Tgt Ion:149 Resp: 6771

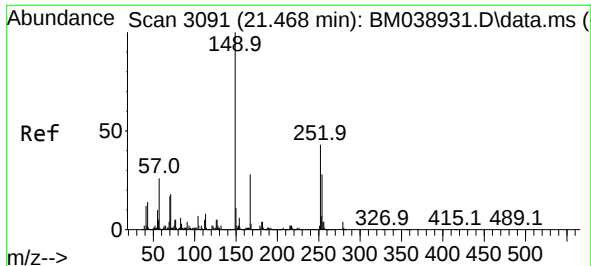
Ion Ratio Lower Upper

149 100

91 98.6 58.4 87.6#

206 23.1 16.1 24.1

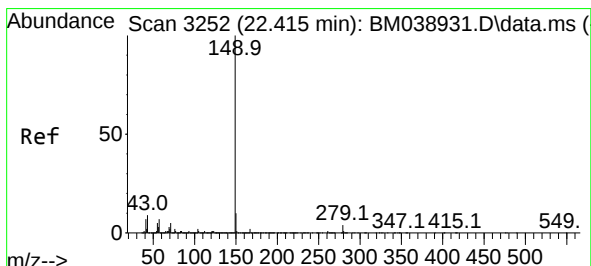
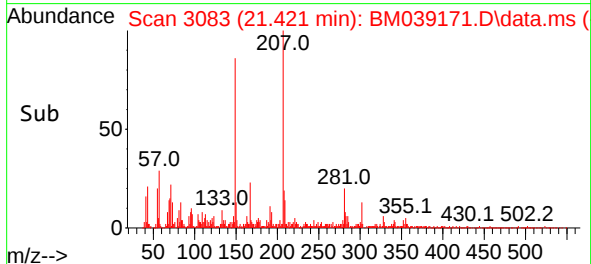
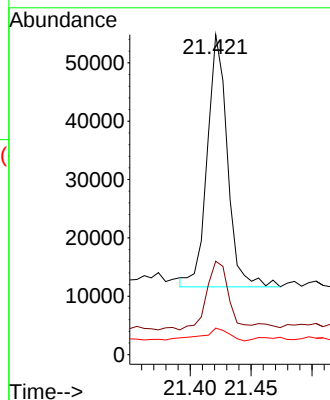
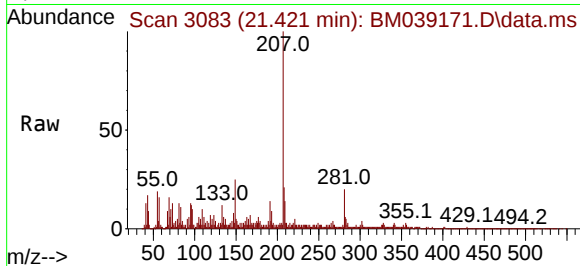




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.228 ng
RT: 21.421 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

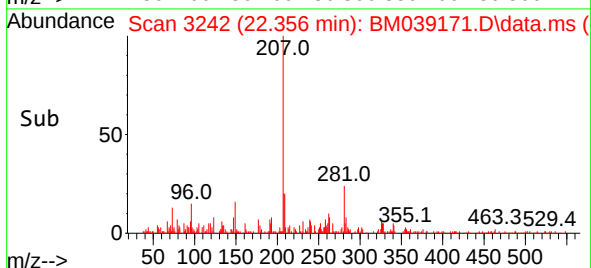
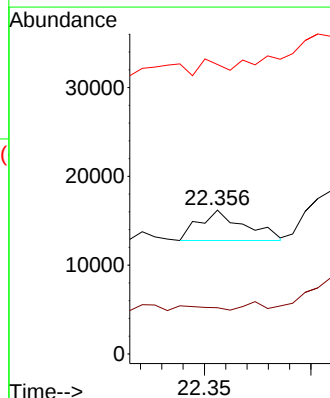
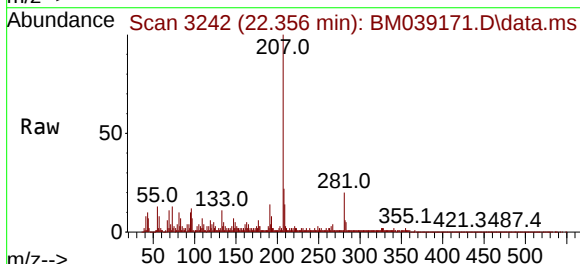
Instrument :
BNA_M
ClientSampleId :
JPP-6E-032023

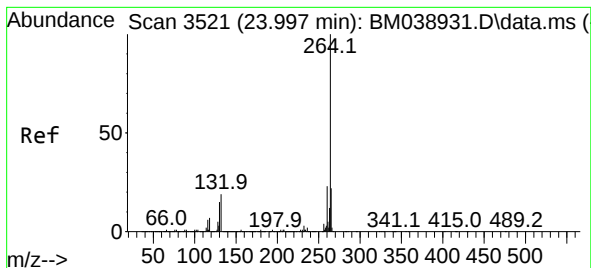
Tgt Ion:149 Resp: 49758
Ion Ratio Lower Upper
149 100
167 29.2 22.3 33.5
279 8.3 3.2 4.8#



#85
Di-n-octyl phthalate
Concen: 3.841 ng
RT: 22.356 min Scan# 3242
Delta R.T. -0.000 min
Lab File: BM039171.D
Acq: 27 Mar 2023 21:47

Tgt Ion:149 Resp: 5073
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 26.2 7.4 11.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM039171.D

Acq: 27 Mar 2023 21:47

Instrument :

BNA_M

ClientSampleId :

JPP-6E-032023

Tgt Ion:264 Resp: 1565666

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.9 17.9 26.9

