

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
 Data File : BM035837.D
 Acq On : 15 Jul 2022 19:26
 Operator : CG/JU
 Sample : N3697-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CASING-NUMBER-5D-WATERING

Quant Time: Jul 15 23:47:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

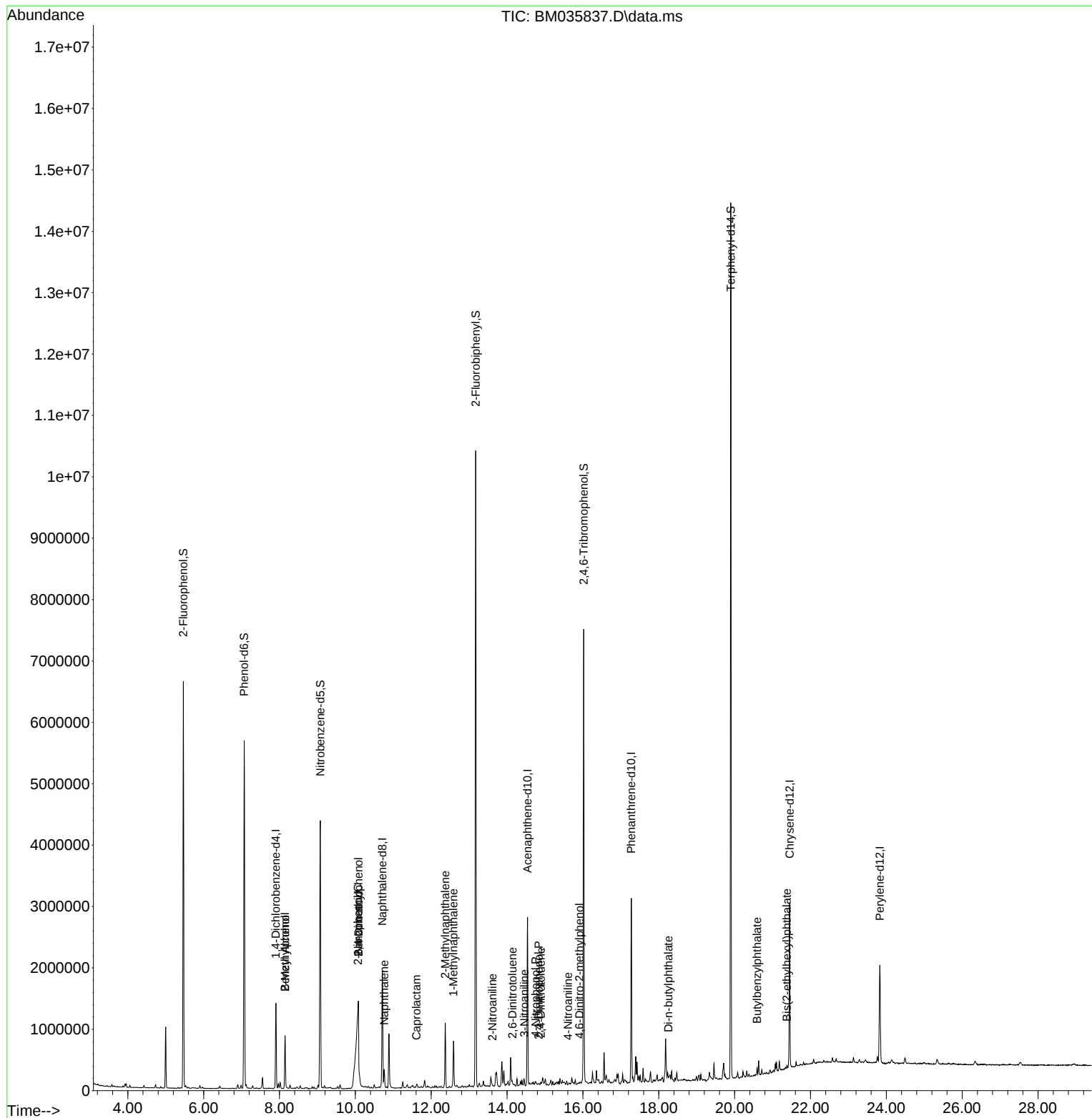
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	359760	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1555103	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	898467	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1667093	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1245681	20.000	ng	0.00
86) Perylene-d12	23.827	264	1153178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2755303	124.399	ng	0.00
7) Phenol-d6	7.069	99	3117418	112.523	ng	0.00
23) Nitrobenzene-d5	9.075	82	2447790	89.984	ng	0.00
42) 2,4,6-Tribromophenol	16.021	330	1316272	144.264	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	5328588	82.711	ng	0.00
79) Terphenyl-d14	19.898	244	6517568	101.566	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.145	79	282236	15.842	ng	96
17) 2-Methylphenol	8.145	107	159519	8.870	ng	# 13
26) 2-Nitrophenol	10.069	139	108	4.582	ng	# 1
27) 2,4-Dimethylphenol	10.081	122	1365705	73.878	ng	# 4
31) Naphthalene	10.763	128	227796	2.900	ng	99
32) Benzoic acid	10.081	122	1384916	100.551	ng	93
35) Caprolactam	11.610	113	66	5.107	ng	# 1
37) 2-Methylnaphthalene	12.369	142	487295	9.433	ng	95
38) 1-Methylnaphthalene	12.586	142	331728	6.592	ng	99
48) 2-Nitroaniline	13.616	65	383	3.622	ng	# 46
51) 2,6-Dinitrotoluene	14.145	165	478	2.331	ng	# 1
53) 3-Nitroaniline	14.457	138	475	2.699	ng	# 36
54) 2,4-Dinitrophenol	14.833	184	55	7.550	ng	# 1
56) 4-Nitrophenol	14.751	139	4899	4.445	ng	# 49
57) 2,4-Dinitrotoluene	14.892	165	344	3.356	ng	# 1
62) 4-Nitroaniline	15.610	138	284	2.817	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.910	198	53	6.593	ng	# 1
74) Di-n-butylphthalate	18.251	149	19401	2.467	ng	# 78
80) Butylbenzylphthalate	20.592	149	1127	4.198	ng	# 36
84) Bis(2-ethylhexyl)phtha...	21.374	149	14321	3.554	ng	# 94

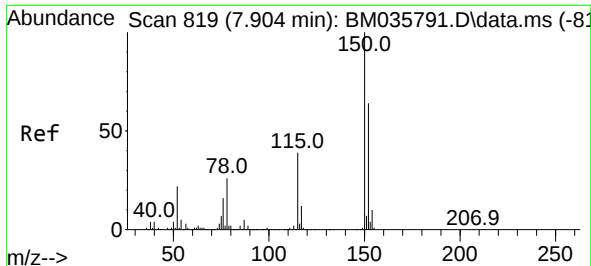
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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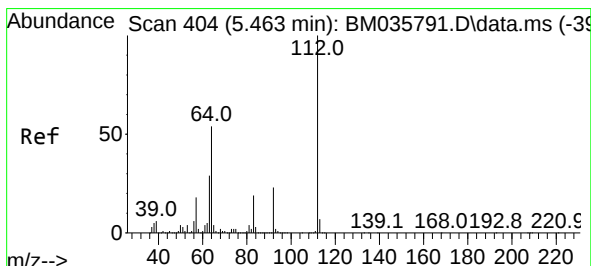
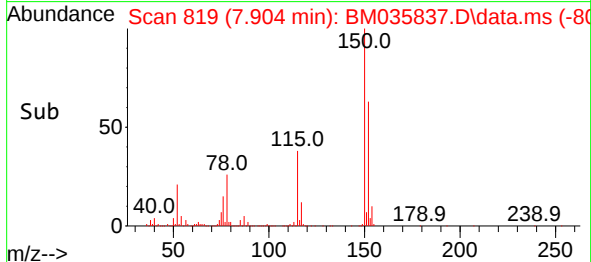
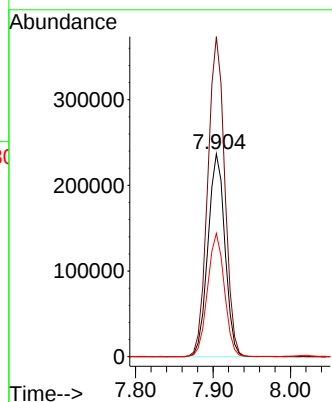
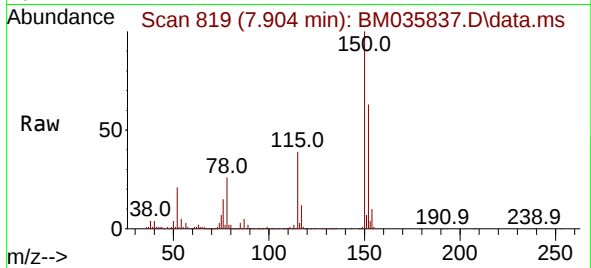




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035837.D
 Acq: 15 Jul 2022 19:26

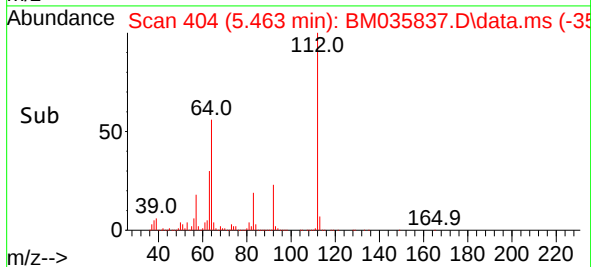
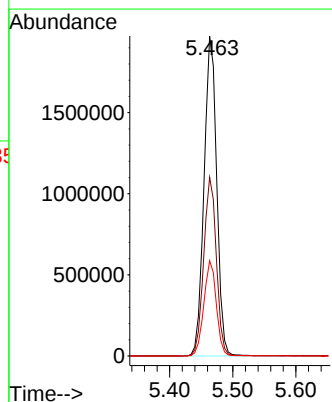
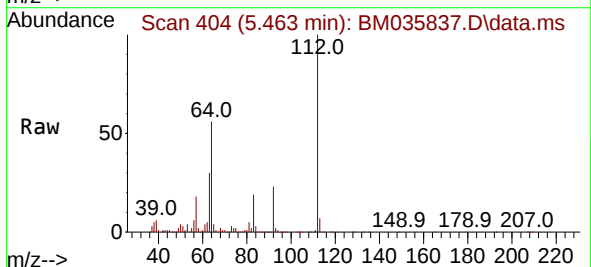
Instrument :
 BNA_M
 ClientSampleId :
 CASING-NUMBER-5D-WATERING

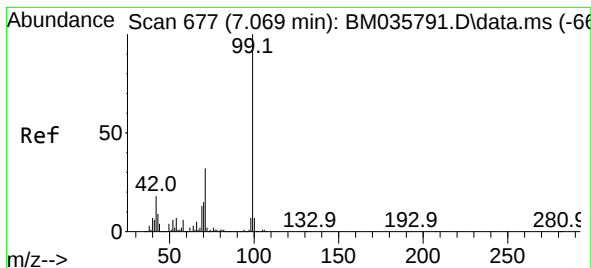
Tgt Ion:152 Resp: 359760
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.9 187.3
 115 60.8 47.9 71.9



#5
 2-Fluorophenol
 Concen: 124.399 ng
 RT: 5.463 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: BM035837.D
 Acq: 15 Jul 2022 19:26

Tgt Ion:112 Resp: 2755303
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.8 71.6
 63 29.8 26.6 40.0

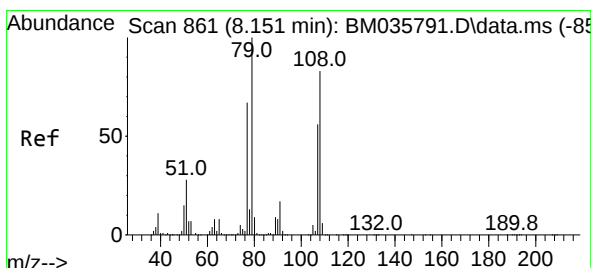
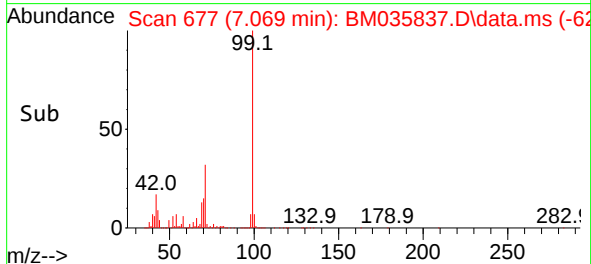
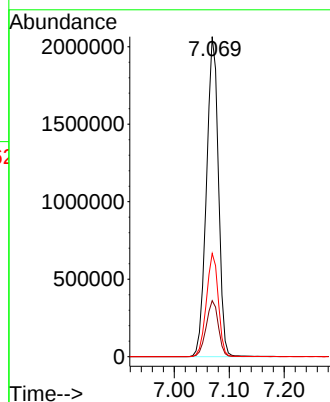
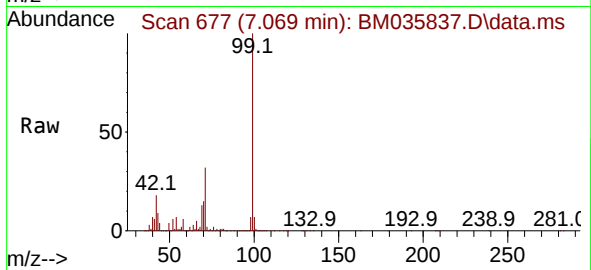




#7
Phenol-d6
Concen: 112.523 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

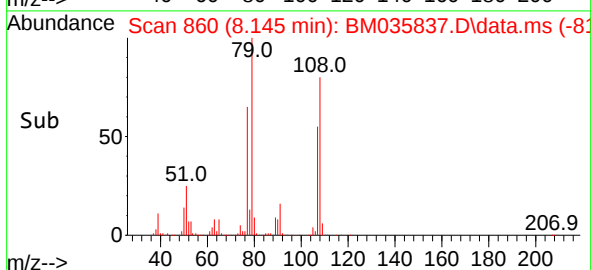
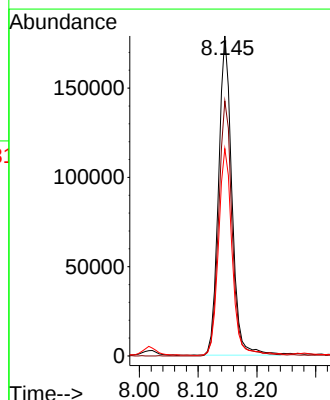
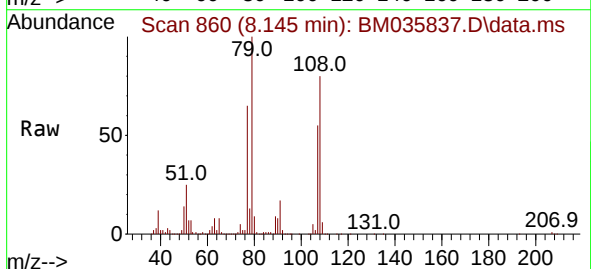
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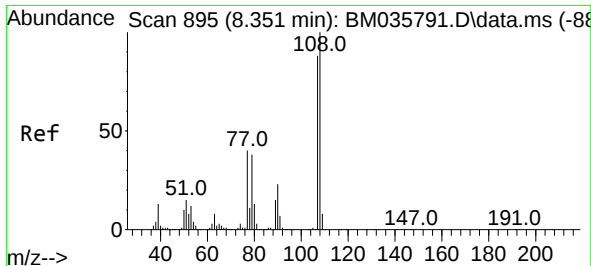
Tgt Ion: 99 Resp: 3117418
Ion Ratio Lower Upper
99 100
42 17.5 18.8 28.2#
71 32.3 30.2 45.2



#15
Benzyl Alcohol
Concen: 15.842 ng
RT: 8.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion: 79 Resp: 282236
Ion Ratio Lower Upper
79 100
108 79.7 59.0 88.4
77 64.8 52.2 78.4

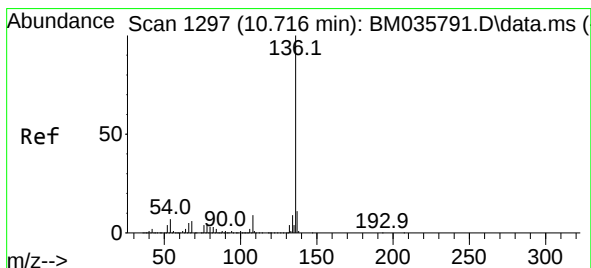
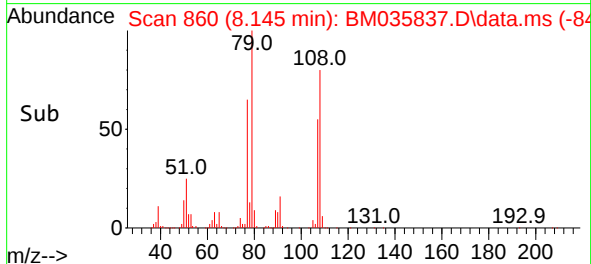
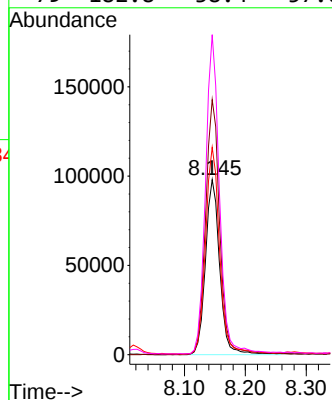
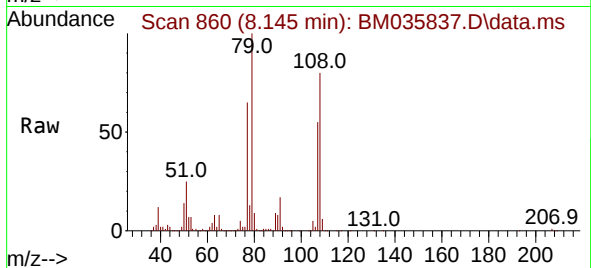




#17
2-Methylphenol
Concen: 8.870 ng
RT: 8.145 min Scan# 80
Delta R.T. -0.206 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

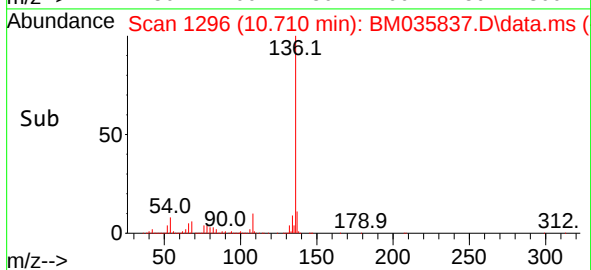
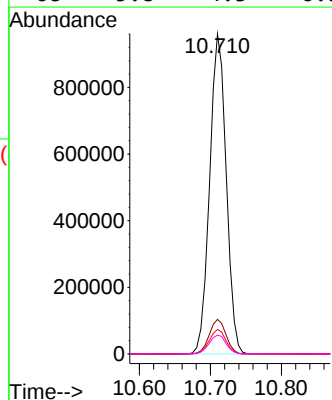
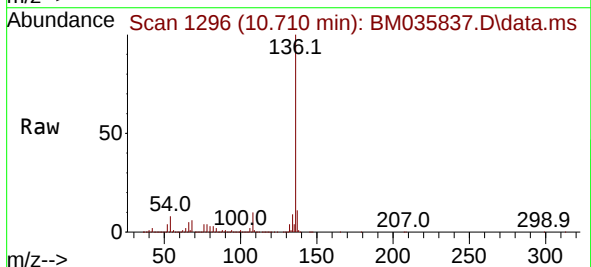
Instrument :
BNA_M
ClientSampleId :
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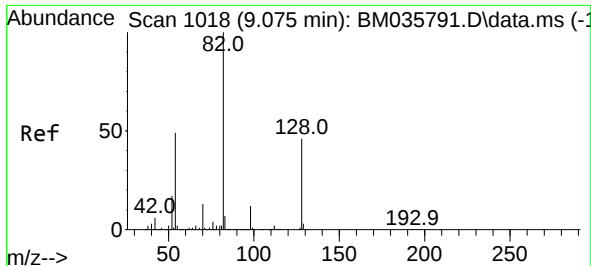
Tgt Ion:	107	Resp:	159519
Ion	Ratio	Lower	Upper
107	100		
108	145.6	88.7	133.1#
77	118.4	40.6	60.8#
79	182.8	38.4	57.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion:	136	Resp:	1555103
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	7.0	10.4
68	5.8	4.3	6.5

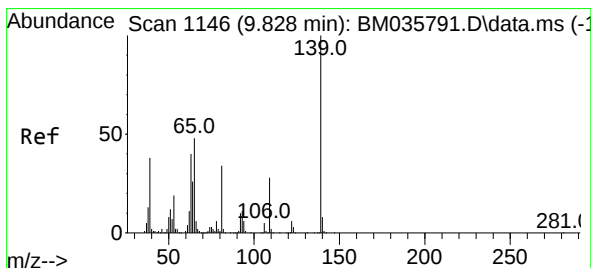
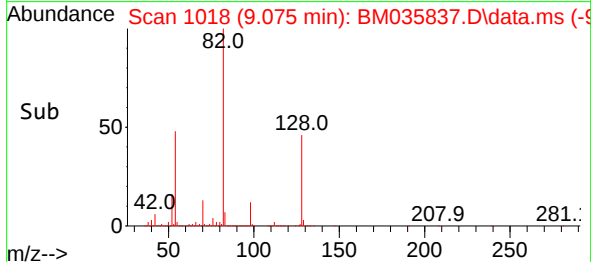
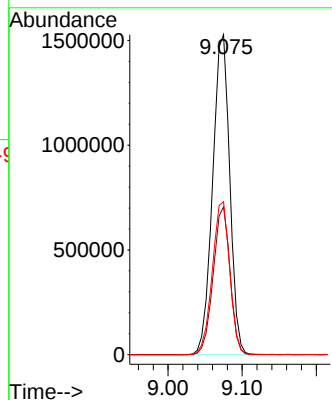
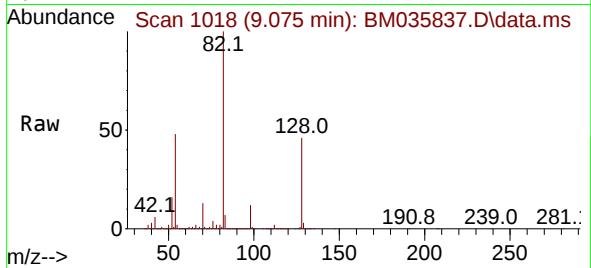




#23
Nitrobenzene-d5
Concen: 89.984 ng
RT: 9.075 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

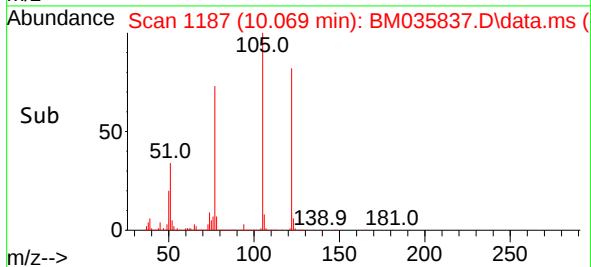
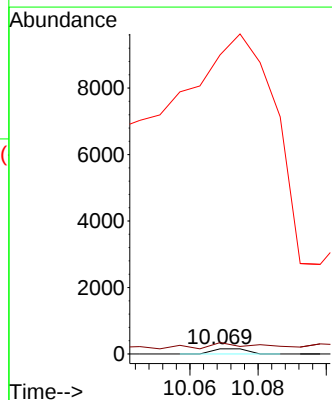
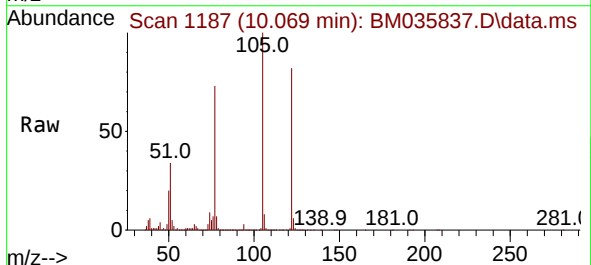
Instrument :
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ClientSampleId :
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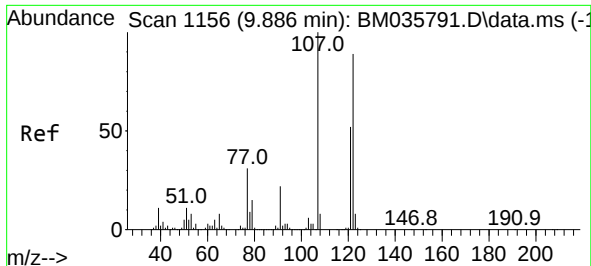
Tgt Ion: 82 Resp: 2447790
Ion Ratio Lower Upper
82 100
128 46.2 33.7 50.5
54 47.8 43.2 64.8



#26
2-Nitrophenol
Concen: 4.582 ng
RT: 10.069 min Scan# 1187
Delta R.T. 0.241 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion:139 Resp: 108
Ion Ratio Lower Upper
139 100
109 224.8 25.6 38.4#
65 5880.4 43.2 64.8#





#27

2,4-Dimethylphenol

Concen: 73.878 ng

RT: 10.081 min Scan# 1156

Delta R.T. 0.194 min

Lab File: BM035837.D

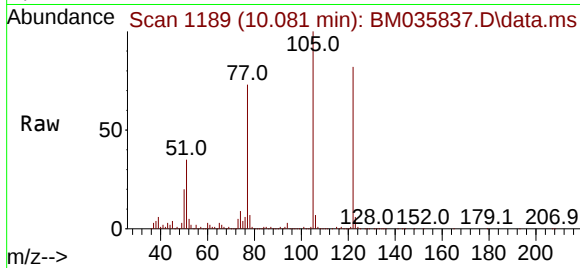
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Instrument :

BNA_M

ClientSampleId :

CASING-NUMBER-5D-WATERING



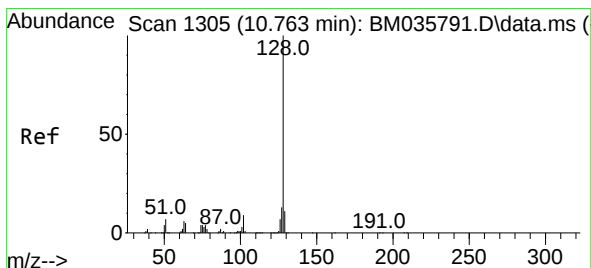
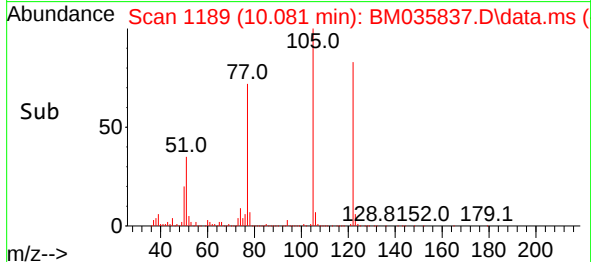
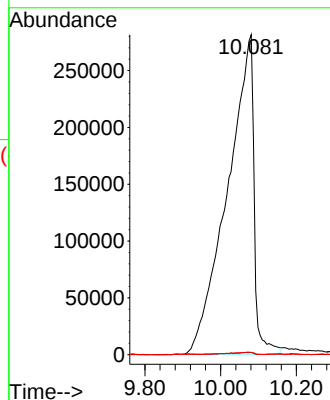
Tgt Ion:122 Resp: 1365705

Ion Ratio Lower Upper

122 100

107 0.7 92.4 138.6#

121 0.7 47.4 71.0#



#31

Naphthalene

Concen: 2.900 ng

RT: 10.763 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BM035837.D

Acq: 15 Jul 2022 19:26

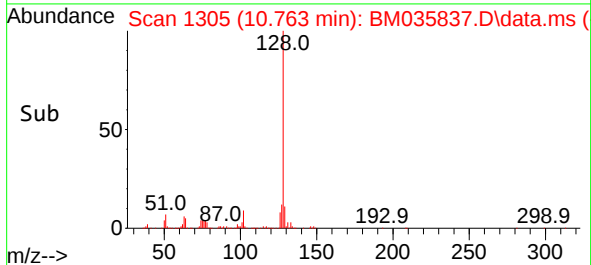
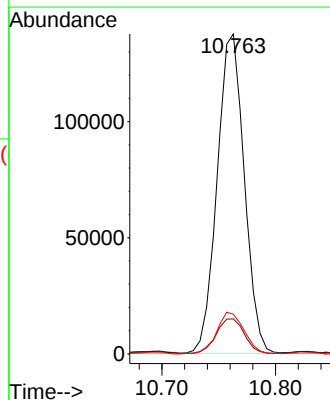
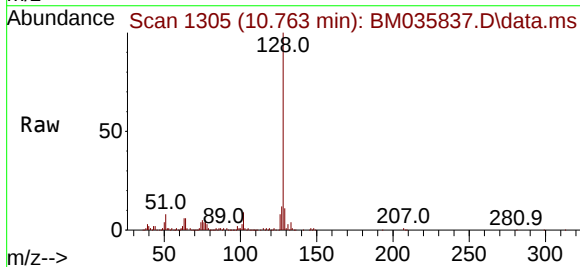
Tgt Ion:128 Resp: 227796

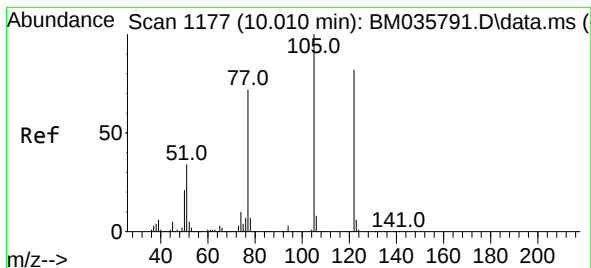
Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.4 10.6 16.0





#32

Benzoic acid

Concen: 100.551 ng

RT: 10.081 min Scan# 1177

Delta R.T. 0.071 min

Lab File: BM035837.D

Acq: 15 Jul 2022 19:26

Instrument :

BNA_M

ClientSampleId :

CASING-NUMBER-5D-WATERING

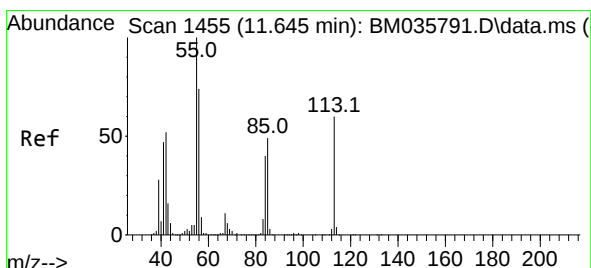
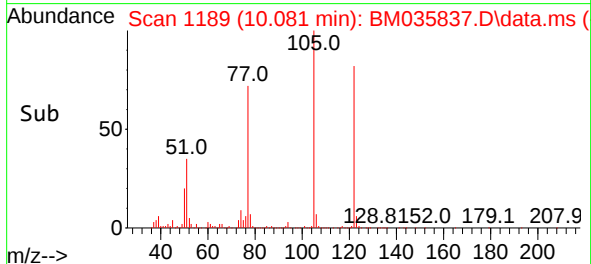
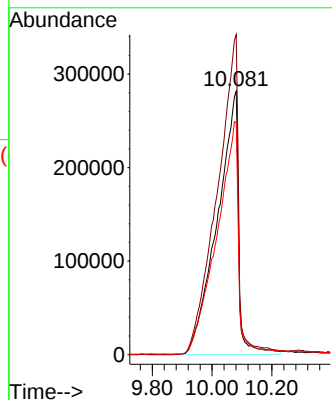
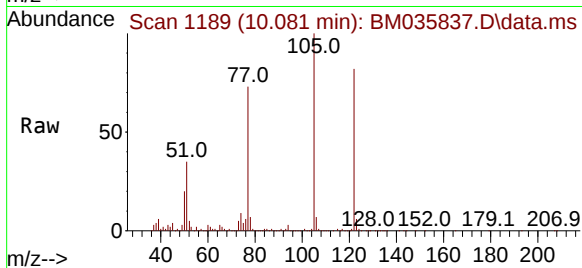
Tgt Ion:122 Resp: 1384916

Ion Ratio Lower Upper

122 100

105 121.5 105.7 145.7

77 88.2 80.0 120.0



#35

Caprolactam

Concen: 5.107 ng

RT: 11.610 min Scan# 1449

Delta R.T. -0.035 min

Lab File: BM035837.D

Acq: 15 Jul 2022 19:26

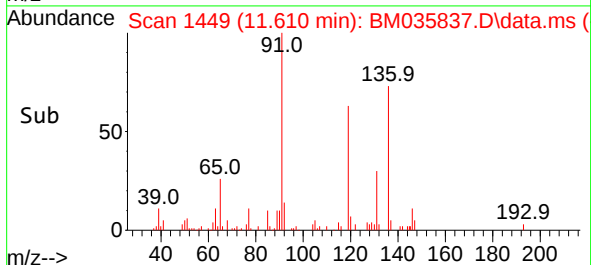
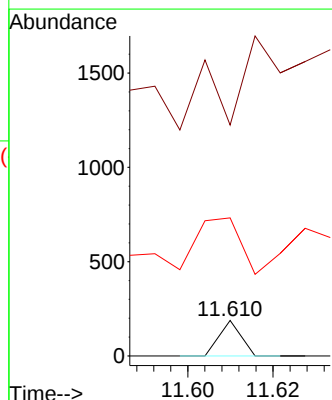
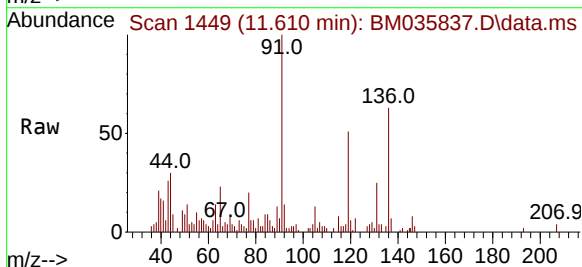
Tgt Ion:113 Resp: 66

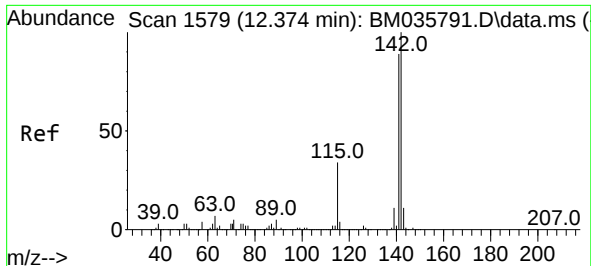
Ion Ratio Lower Upper

113 100

55 651.1 150.1 190.1#

56 389.4 111.7 151.7#

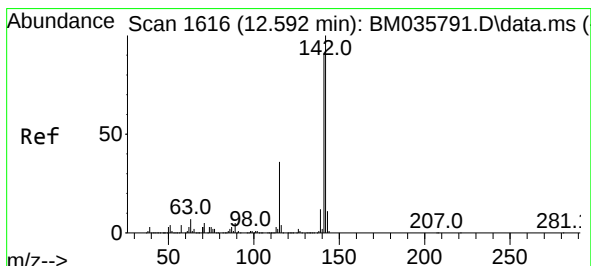
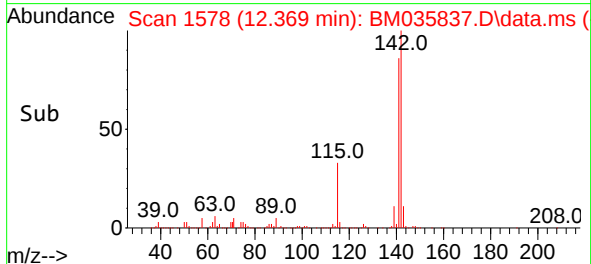
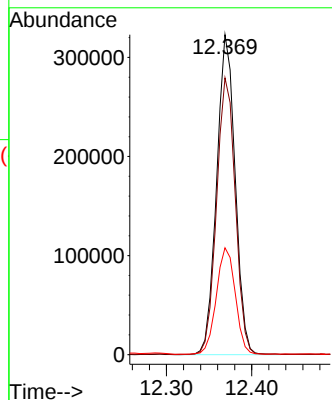
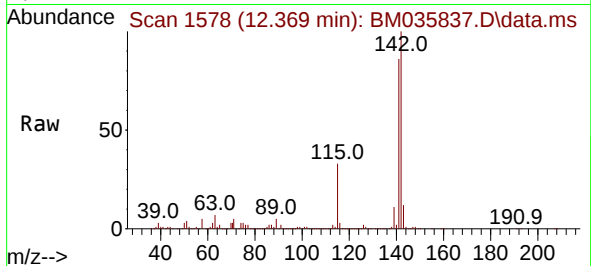




#37
2-Methylnaphthalene
Concen: 9.433 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

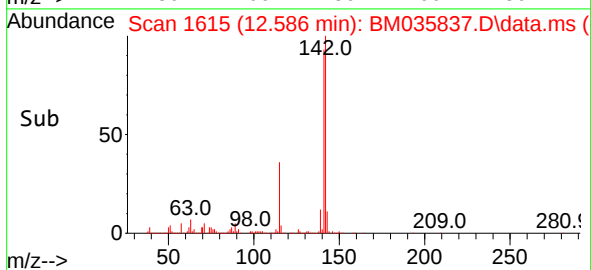
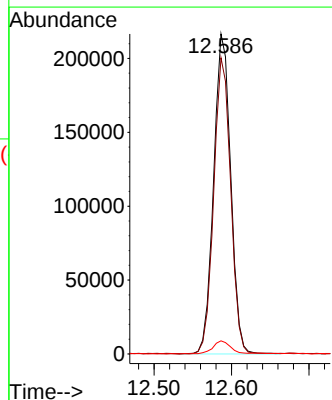
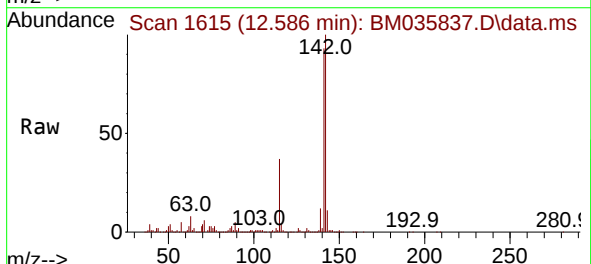
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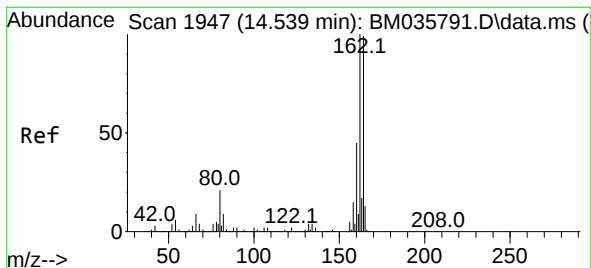
Tgt Ion:142 Resp: 487295
Ion Ratio Lower Upper
142 100
141 86.5 72.4 108.6
115 33.4 29.6 44.4



#38
1-Methylnaphthalene
Concen: 6.592 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion:142 Resp: 331728
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4
116 4.1 3.4 5.2

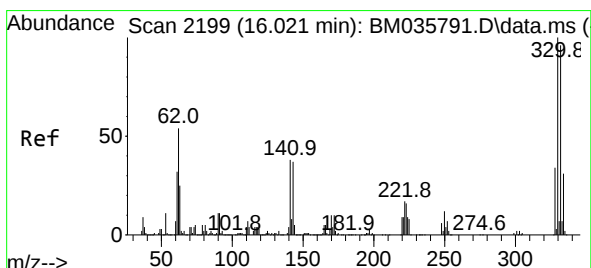
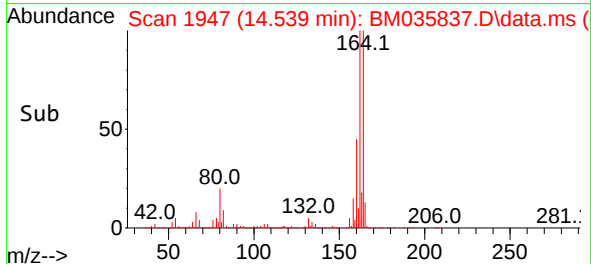
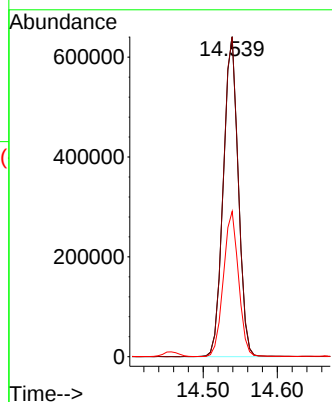
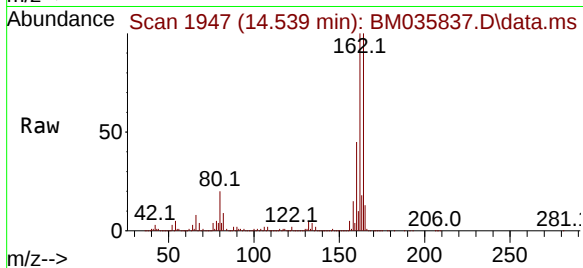




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

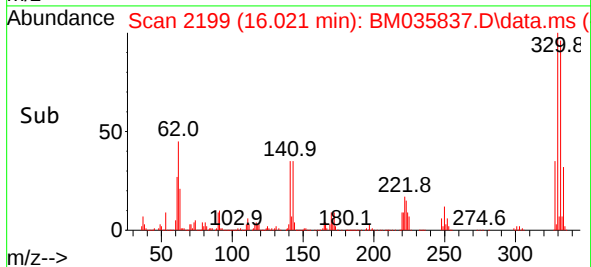
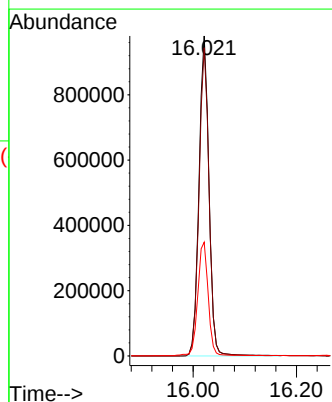
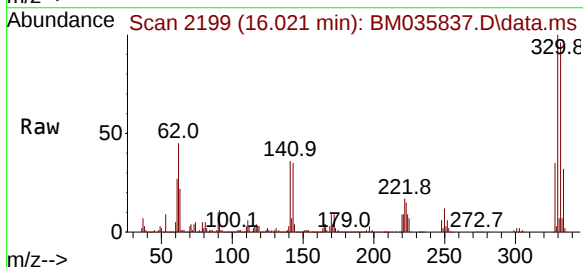
Instrument :
BNA_M
ClientSampleId :
CASING-NUMBER-5D-WATERING

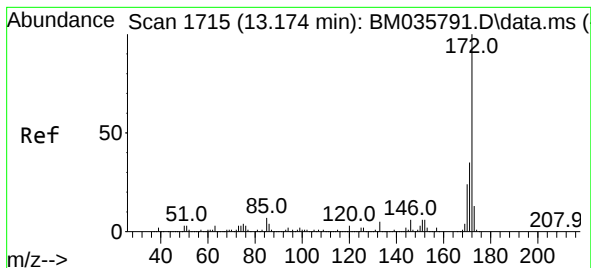
Tgt Ion:164 Resp: 898467
Ion Ratio Lower Upper
164 100
162 99.9 83.0 124.6
160 45.4 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 144.264 ng
RT: 16.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion:330 Resp: 1316272
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 37.3 35.3 52.9

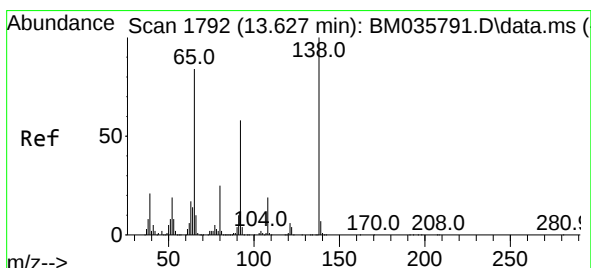
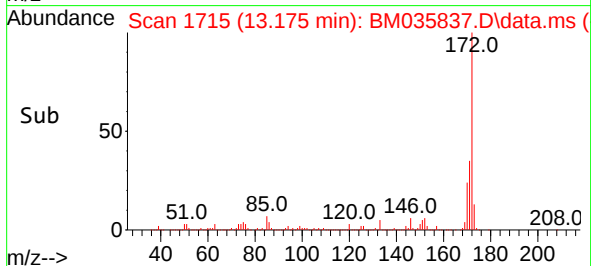
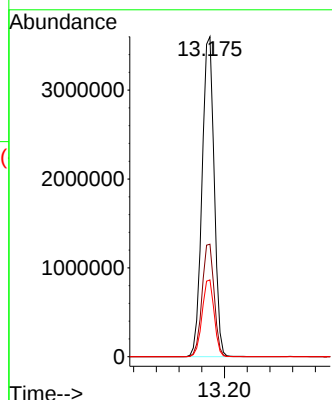
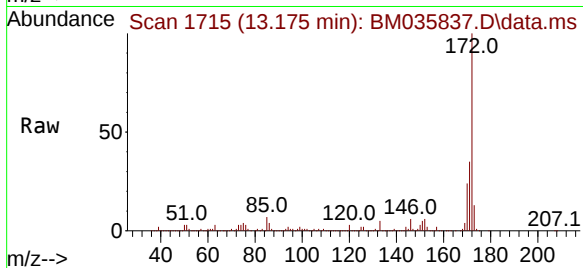




#45
2-Fluorobiphenyl
Concen: 82.711 ng
RT: 13.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

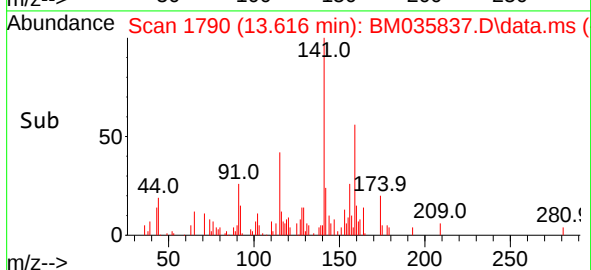
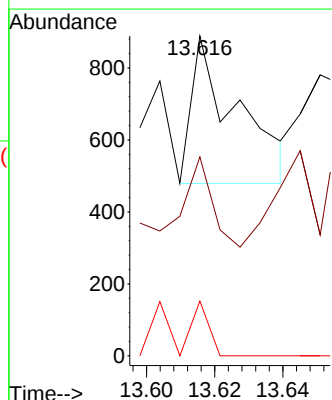
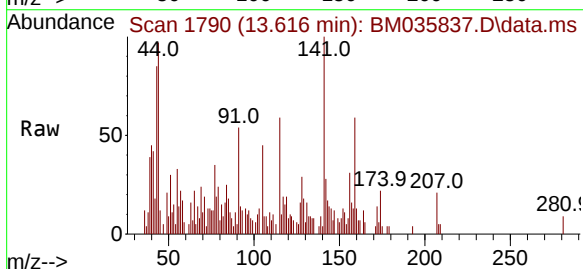
Instrument :
BNA_M
ClientSampleId :
CASING-NUMBER-5D-WATERING

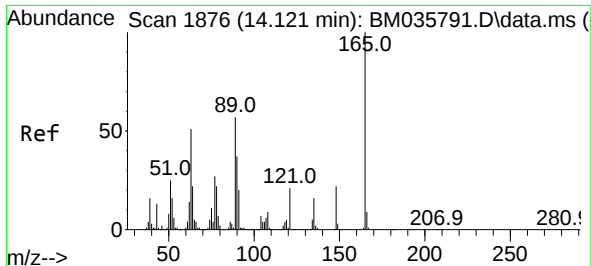
Tgt Ion:172 Resp: 5328588
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.0 18.7 28.1



#48
2-Nitroaniline
Concen: 3.622 ng
RT: 13.616 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion: 65 Resp: 383
Ion Ratio Lower Upper
65 100
92 62.2 53.7 80.5
138 17.1 83.9 125.9#

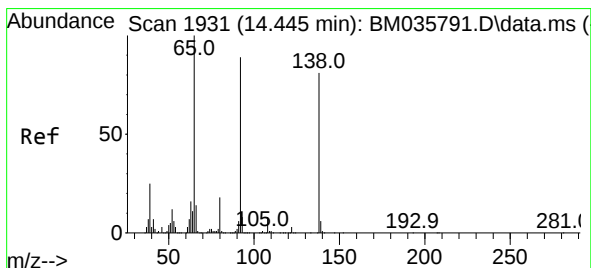
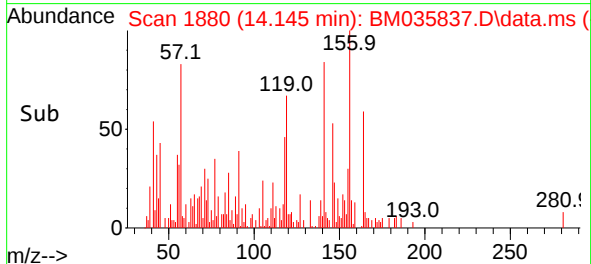
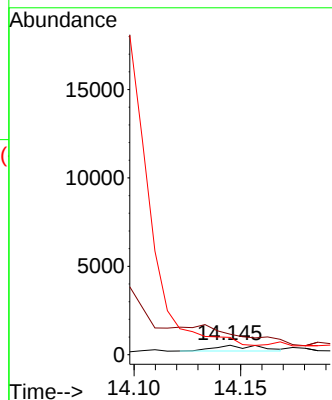
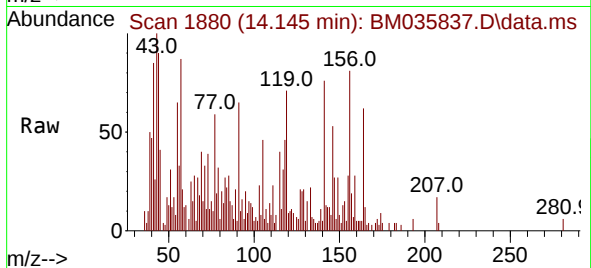




#51
2,6-Dinitrotoluene
Concen: 2.331 ng
RT: 14.145 min Scan# 1876
Delta R.T. 0.024 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

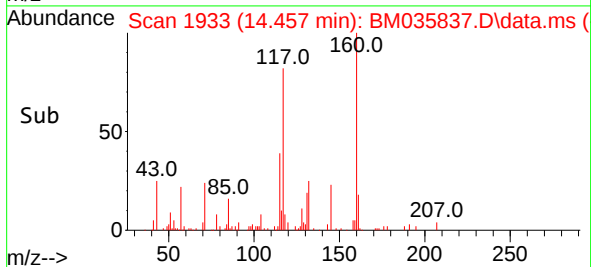
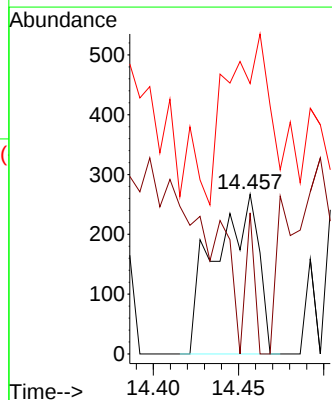
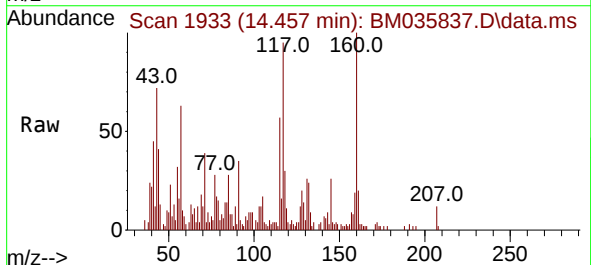
Instrument :
BNA_M
ClientSampleId :
CASING-NUMBER-5D-WATERING

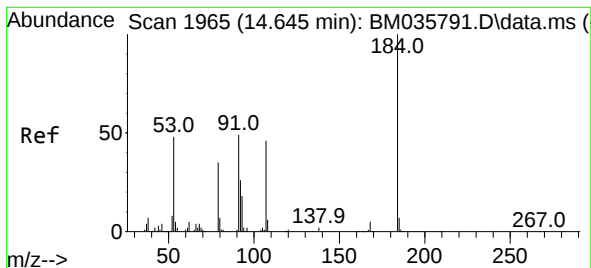
Tgt Ion:165 Resp: 478
Ion Ratio Lower Upper
165 100
63 215.6 50.2 75.2#
89 181.4 48.4 72.6#



#53
3-Nitroaniline
Concen: 2.699 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.012 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion:138 Resp: 475
Ion Ratio Lower Upper
138 100
108 88.4 8.7 13.1#
92 169.3 91.5 137.3#

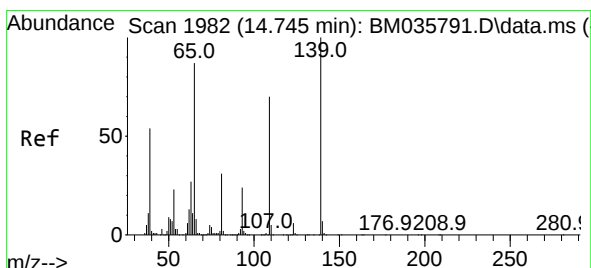
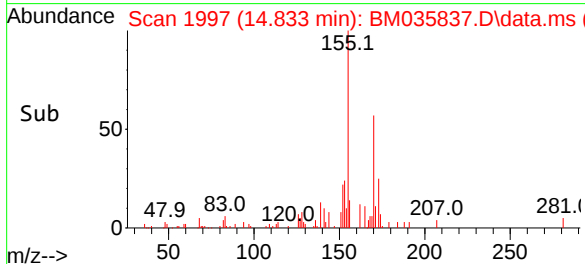
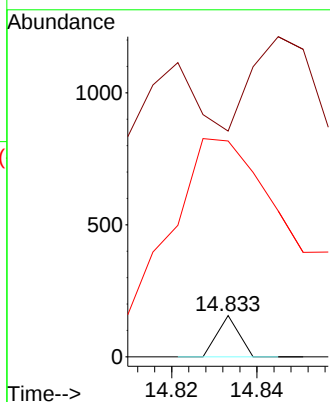
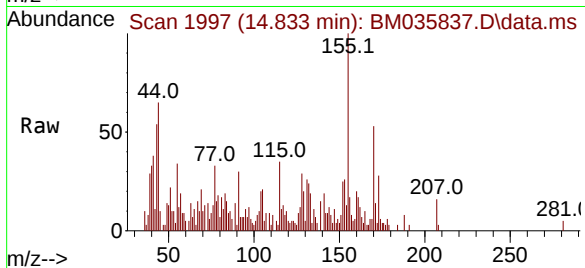




#54
2,4-Dinitrophenol
Concen: 7.550 ng
RT: 14.833 min Scan# 1965
Delta R.T. 0.188 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

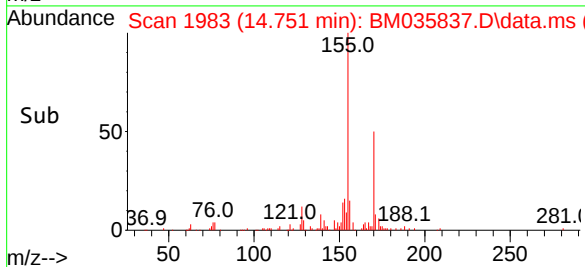
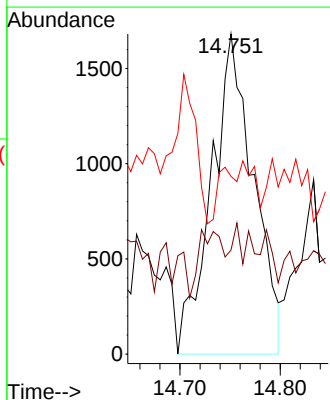
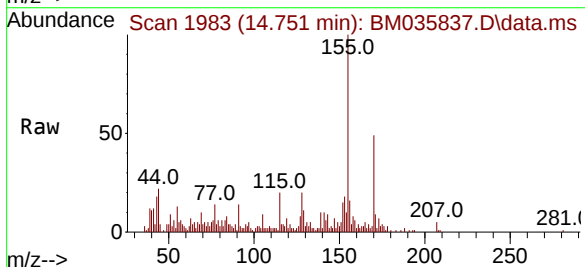
Instrument :
BNA_M
ClientSampleId :
CASING-NUMBER-5D-WATERING

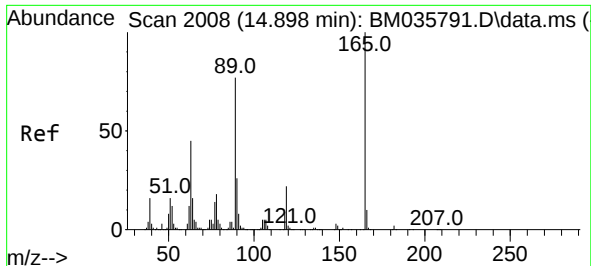
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 548.1 59.5 89.3#
154 524.4 55.6 83.4#



#56
4-Nitrophenol
Concen: 4.445 ng
RT: 14.751 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion:139 Resp: 4899
Ion Ratio Lower Upper
139 100
109 32.5 62.5 102.5#
65 55.5 83.5 123.5#

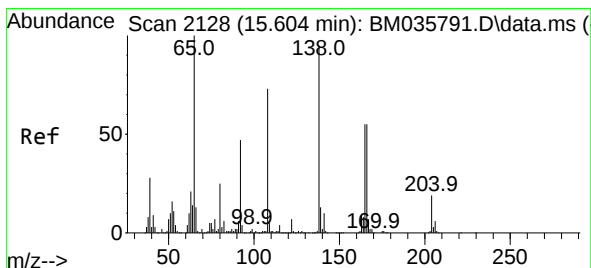
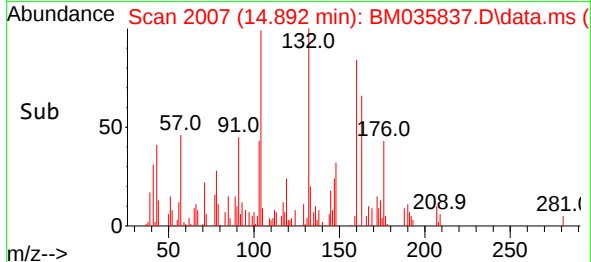
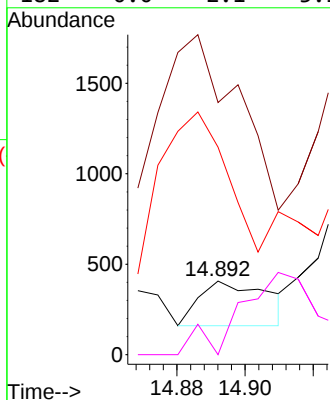
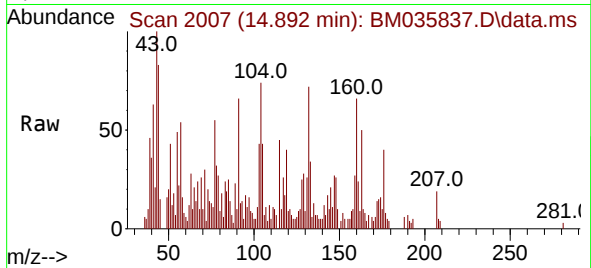




#57
2,4-Dinitrotoluene
Concen: 3.356 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

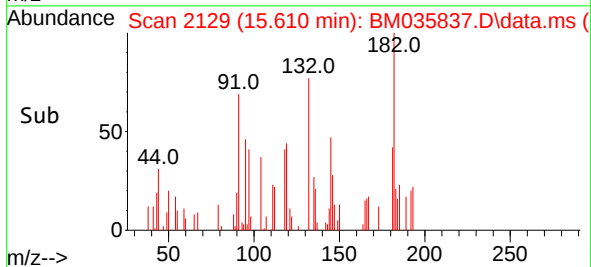
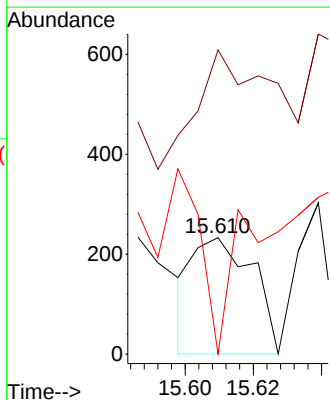
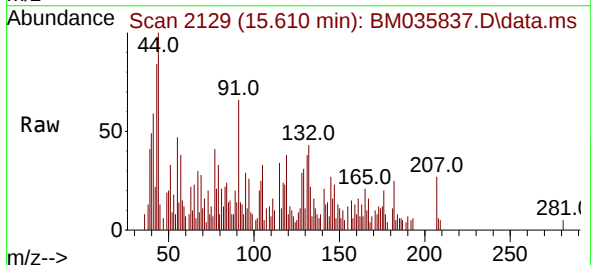
Instrument :
BNA_M
ClientSampleId :
CASING-NUMBER-5D-WATERING

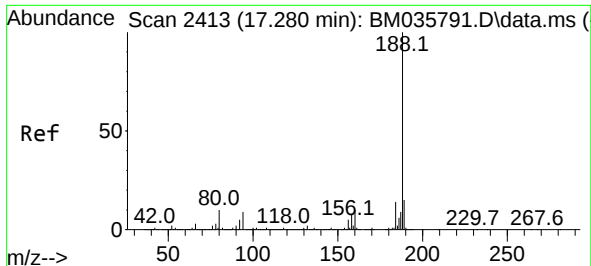
Tgt Ion:165 Resp: 344
Ion Ratio Lower Upper
165 100
63 342.5 35.6 53.4#
89 281.8 57.3 85.9#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 2.817 ng
RT: 15.610 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion:138 Resp: 284
Ion Ratio Lower Upper
138 100
92 261.4 30.8 70.8#
108 0.0 65.7 105.7#

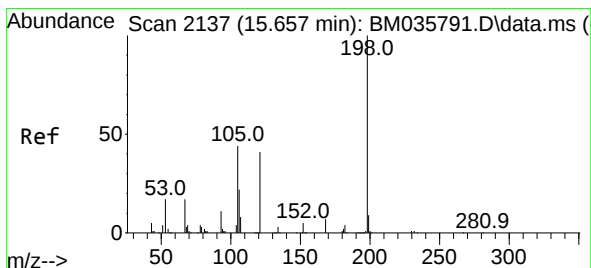
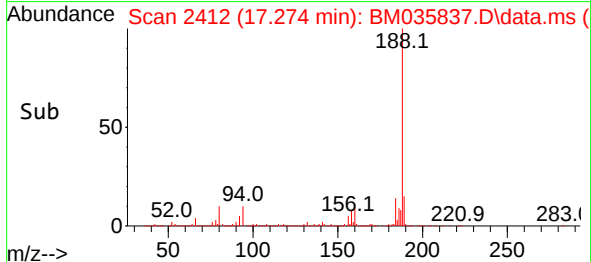
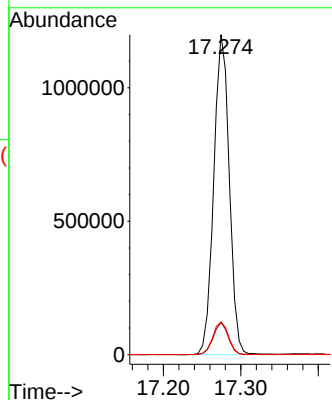
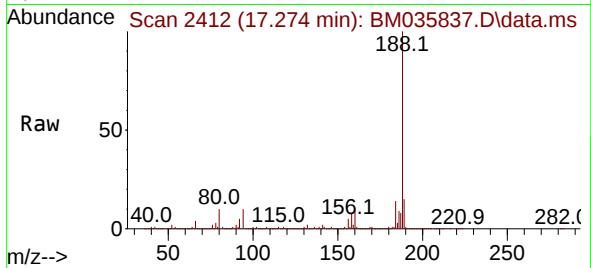




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

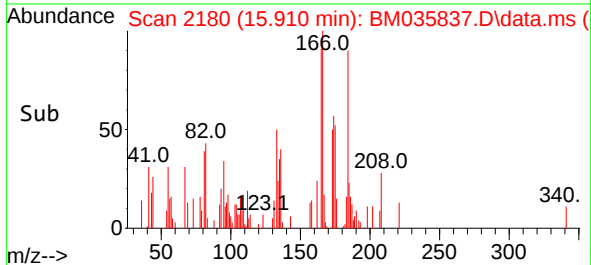
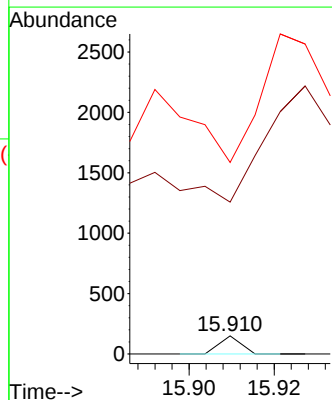
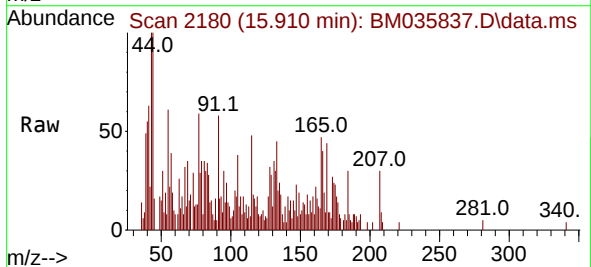
Instrument :
BNA_M
ClientSampleId :
CASING-NUMBER-5D-WATERING

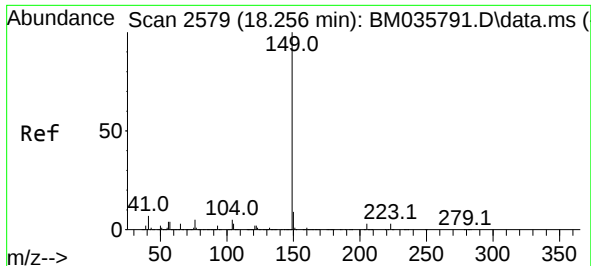
Tgt Ion:188 Resp: 1667093
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.2 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 6.593 ng
RT: 15.910 min Scan# 2180
Delta R.T. 0.253 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
51 838.0 29.0 69.0#
105 1056.7 22.1 62.1#

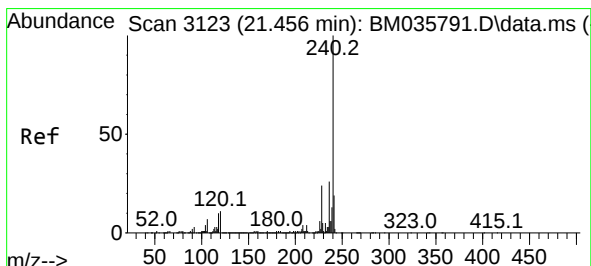
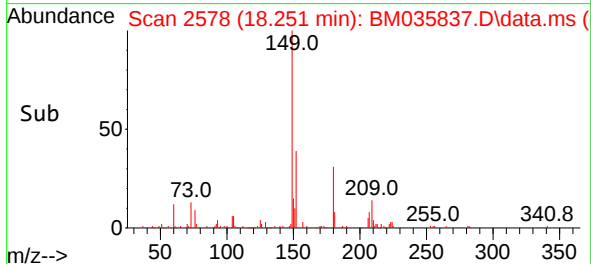
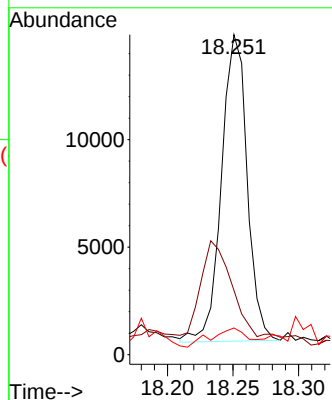
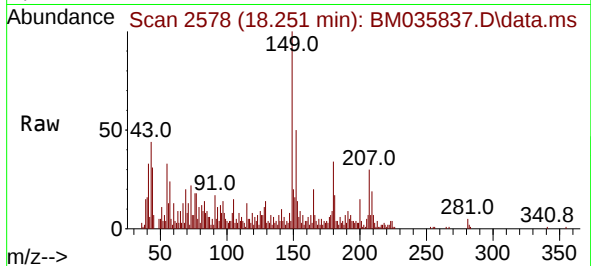




#74
Di-n-butylphthalate
Concen: 2.467 ng
RT: 18.251 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

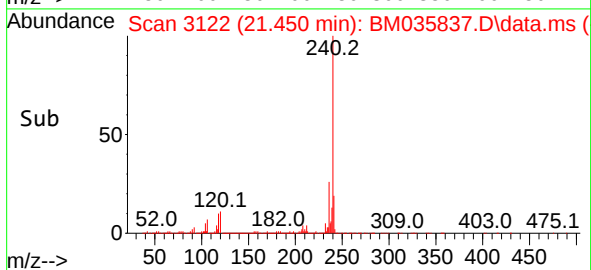
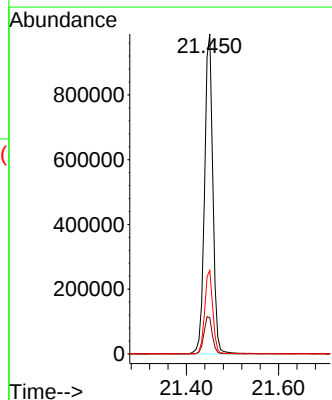
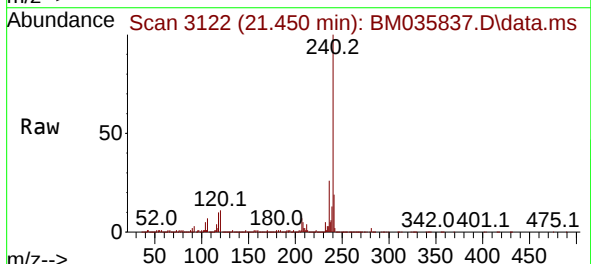
Instrument :
BNA_M
ClientSampleId :
CASING-NUMBER-5D-WATERING

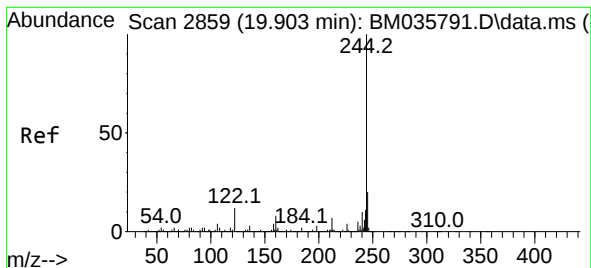
Tgt Ion:149 Resp: 19401
Ion Ratio Lower Upper
149 100
150 20.1 7.3 10.9#
104 8.4 4.3 6.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

Tgt Ion:240 Resp: 1245681
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.0
236 26.1 20.6 30.8





#79

Terphenyl-d14

Concen: 101.566 ng

RT: 19.898 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM035837.D

Acq: 15 Jul 2022 19:26

Instrument :

BNA_M

ClientSampleId :

CASING-NUMBER-5D-WATERING

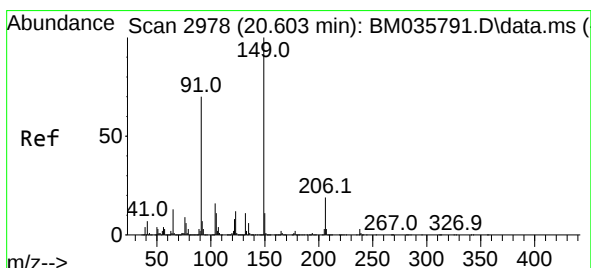
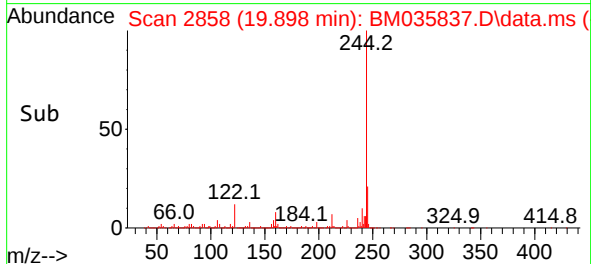
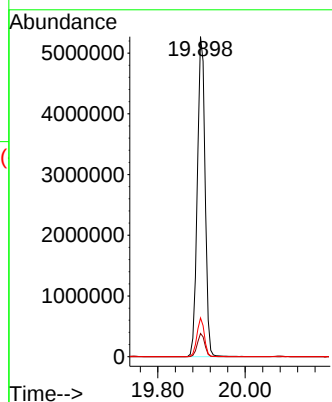
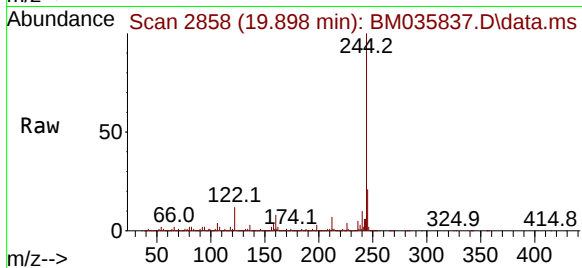
Tgt Ion:244 Resp: 6517568

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 12.1 8.3 12.5



#80

Butylbenzylphthalate

Concen: 4.198 ng

RT: 20.592 min Scan# 2976

Delta R.T. -0.011 min

Lab File: BM035837.D

Acq: 15 Jul 2022 19:26

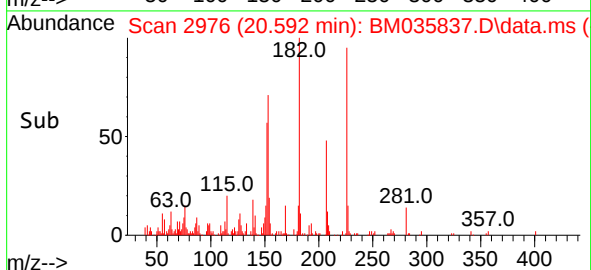
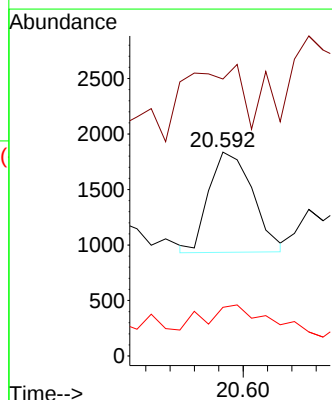
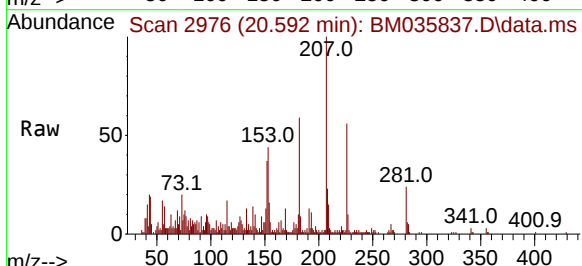
Tgt Ion:149 Resp: 1127

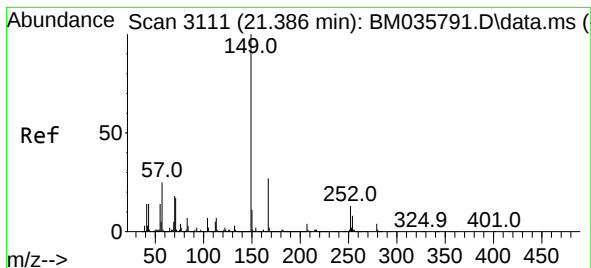
Ion Ratio Lower Upper

149 100

91 135.9 56.6 85.0#

206 23.9 15.4 23.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.554 ng

RT: 21.374 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BM035837.D

Acq: 15 Jul 2022 19:26

Instrument :

BNA_M

ClientSampleId :

CASING-NUMBER-5D-WATERING

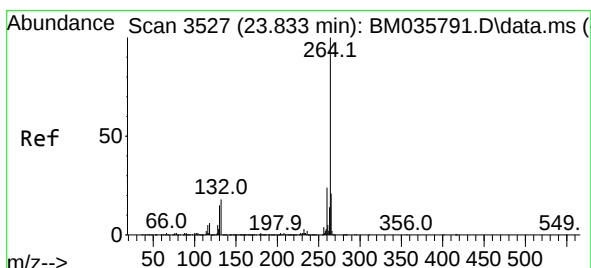
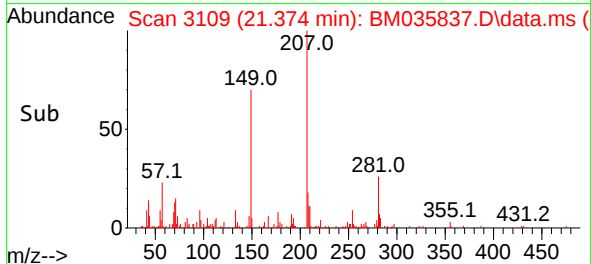
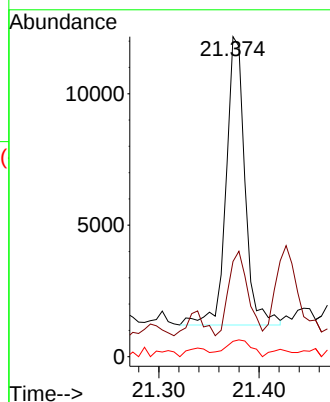
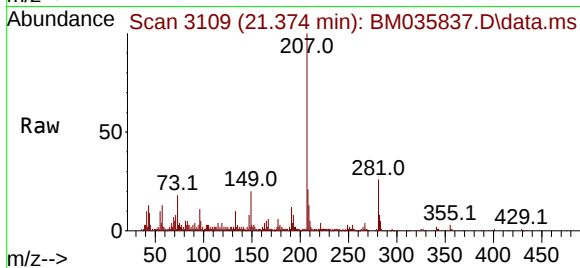
Tgt Ion:149 Resp: 14321

Ion Ratio Lower Upper

149 100

167 29.7 21.1 31.7

279 4.8 2.8 4.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BM035837.D

Acq: 15 Jul 2022 19:26

Tgt Ion:264 Resp: 1153178

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.7 17.5 26.3

