

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)

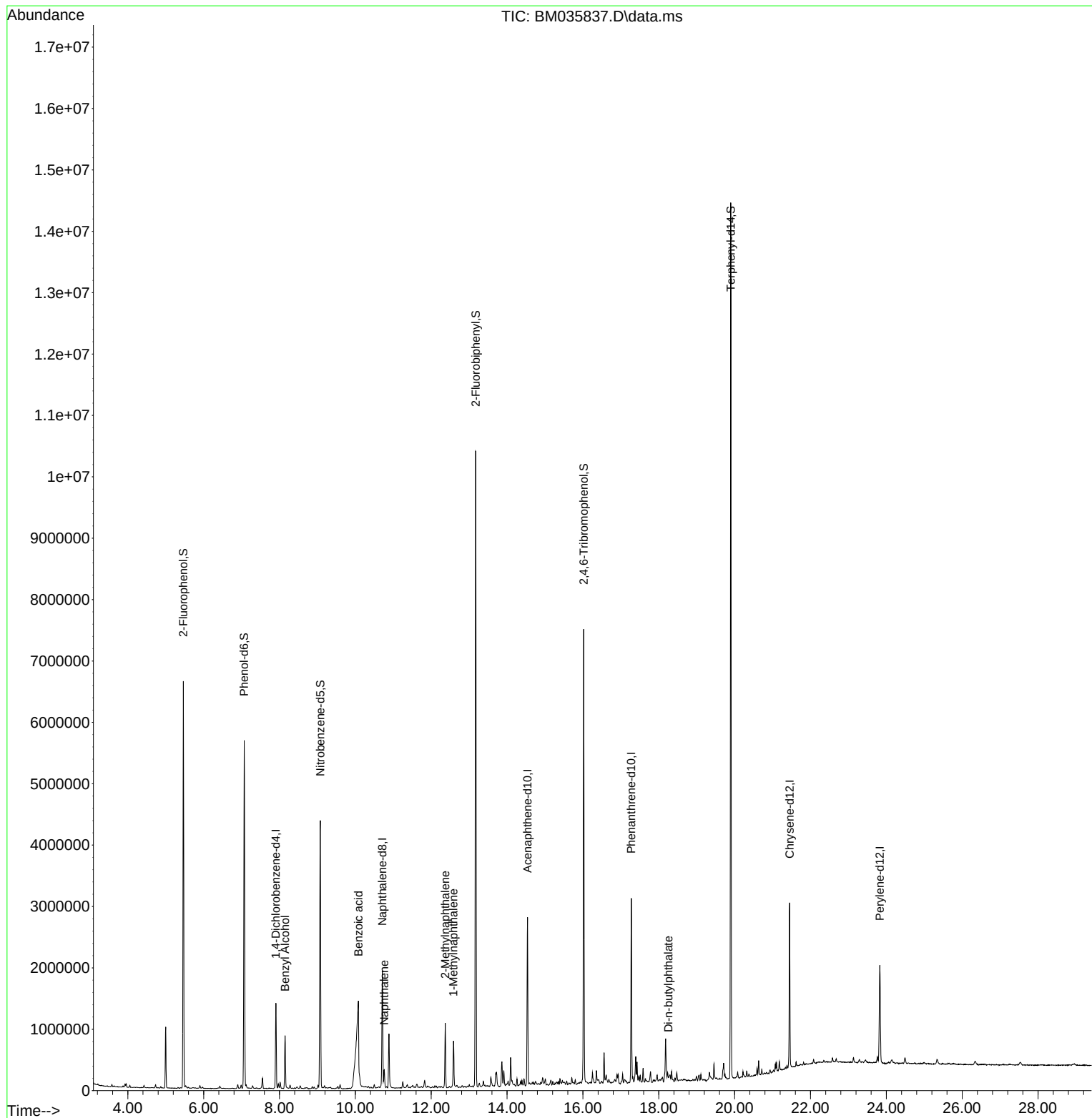
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	359760	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1555103	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	898467	20.000	ng	0.00
64) Phenanthrene-d10	17.274	188	1667093	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1245681	20.000	ng	0.00
86) Perylene-d12	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
31) Naphthalene	10.763	128	227796	2.900	ng	99
32) Benzoic acid	10.081	122	1384916	100.551	ng	93
37) 2-Methylnaphthalene	12.369	142	487295	9.433	ng	95
38) 1-Methylnaphthalene	12.586	142	331728	6.592	ng	99
74) Di-n-butylphthalate	18.251	149	19401	2.467	ng	# 78

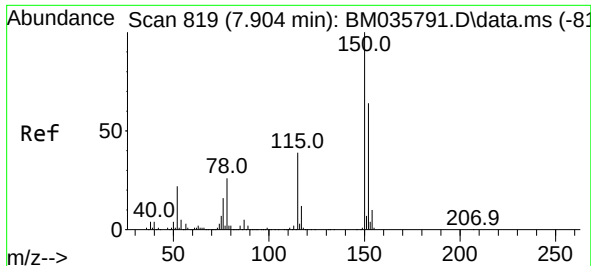
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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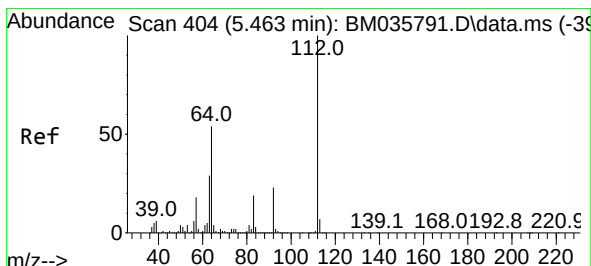
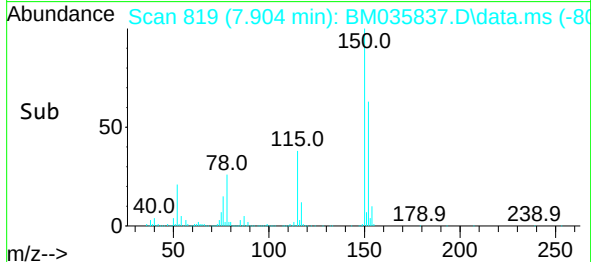
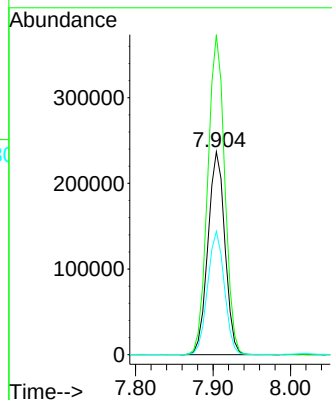
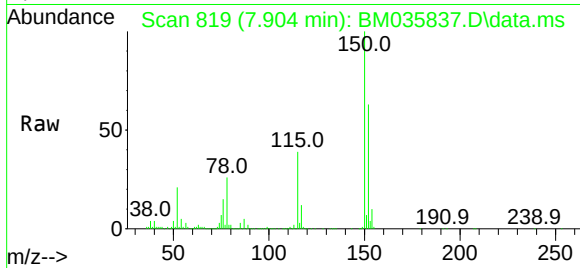




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BM035837.D
 Acq: 15 Jul 2022 19:26

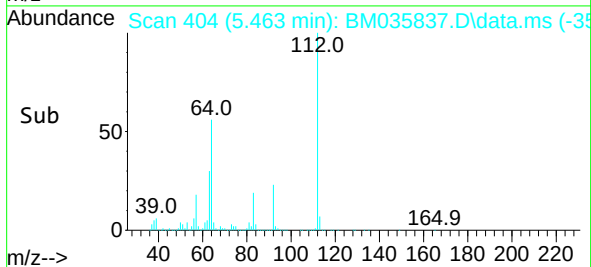
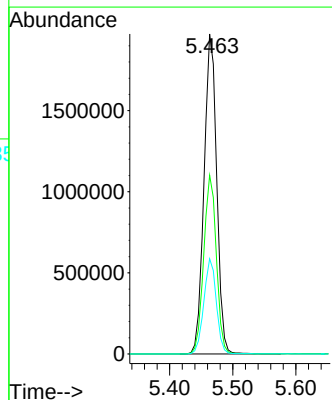
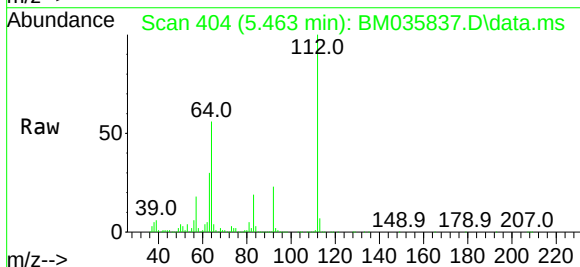
Instrument :
 BNA_M
 ClientSampleId :
 CASING-NUMBER-5D-WATERING

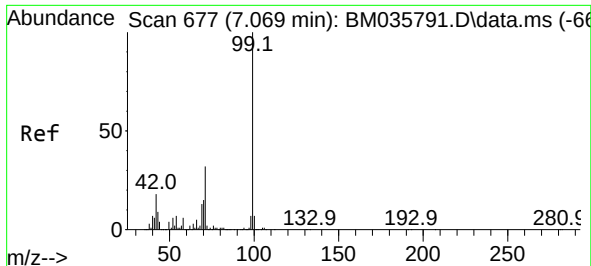
Tgt Ion:152 Resp: 359760
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.9 187.3
 115 60.8 47.9 71.9



#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

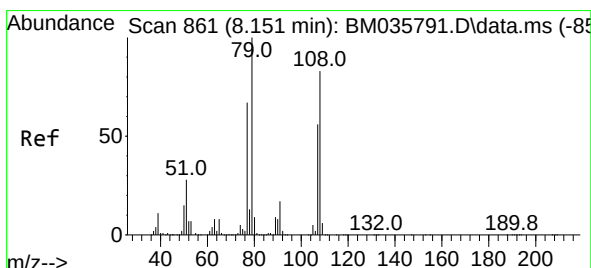
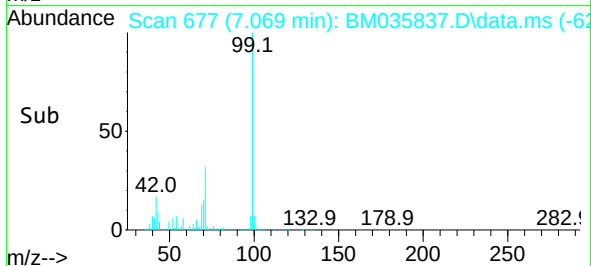
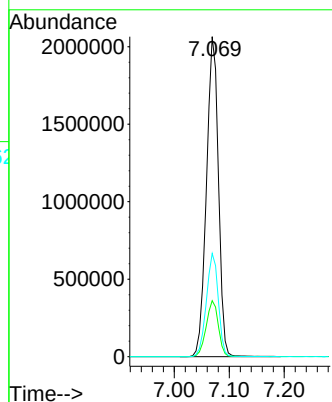
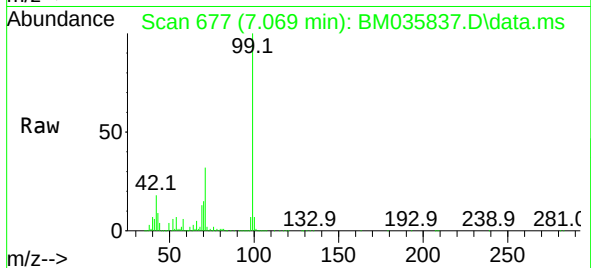




#7
Phenol-d6
Concen: 112.523 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

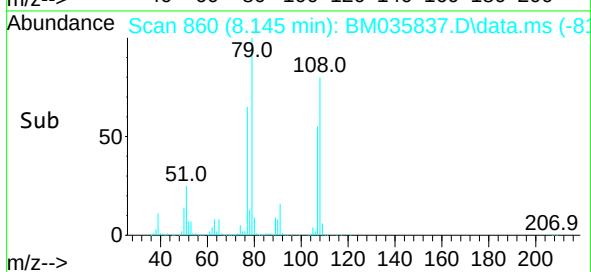
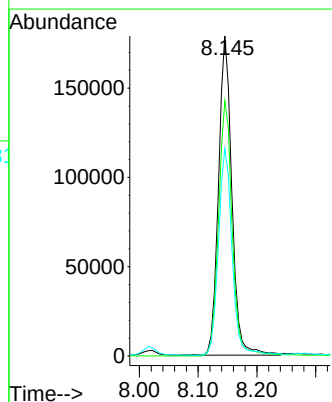
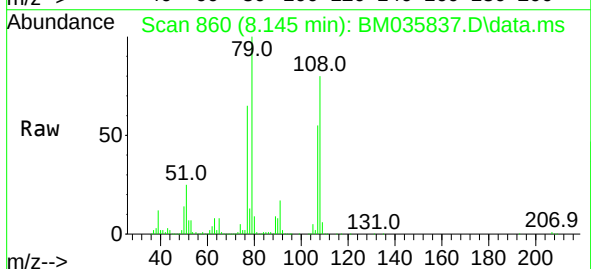
Instrument :
BNA_M
ClientSampleId :
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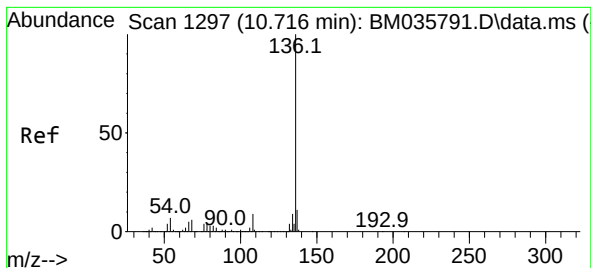
Tgt Ion: 99 Resp: 3117418
Ion Ratio Lower Upper
99 100
42 17.5 18.8 28.2#
71 32.3 30.2 45.2



#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

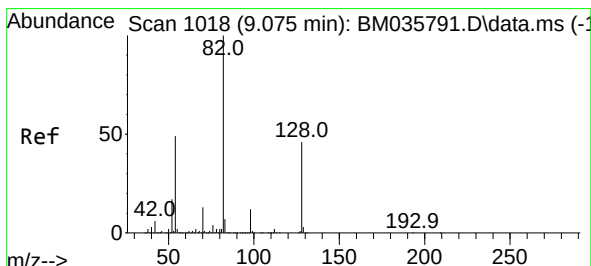
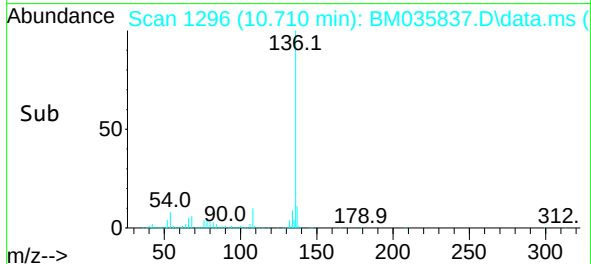
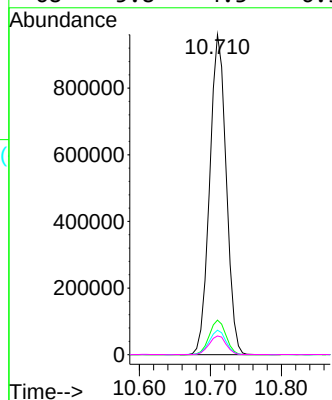
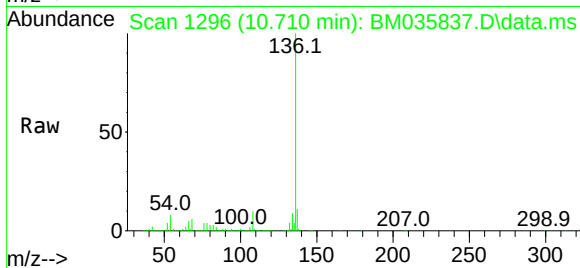




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

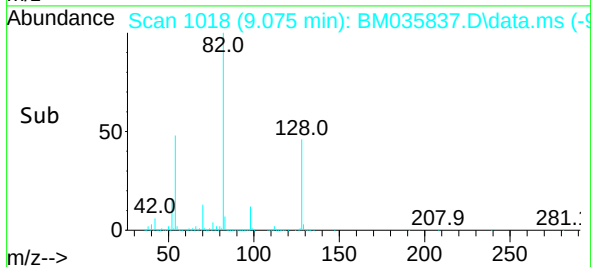
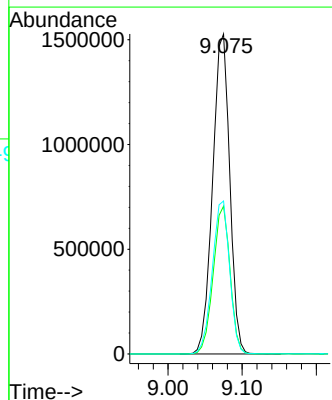
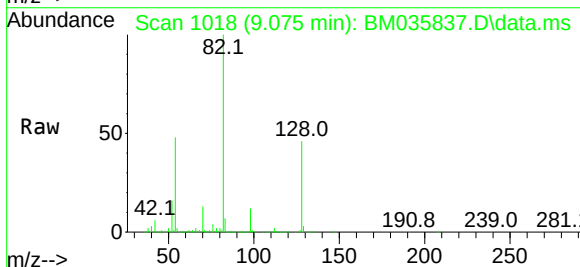
Instrument : BNA_M
ClientSampleId :
CASING-NUMBER-5D-WATERING

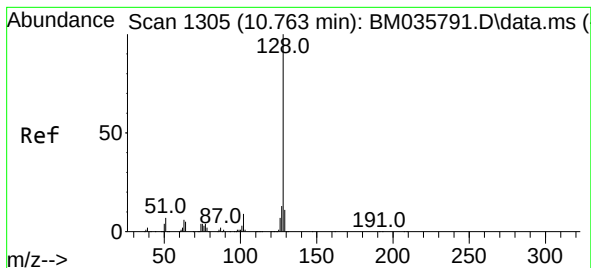
Tgt Ion:136 Resp: 1555103
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 7.0 10.4
68 5.8 4.3 6.5



#23
Nitrobenzene-d5
Concen: 89.984 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

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

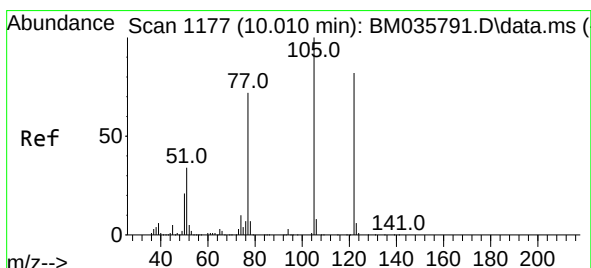
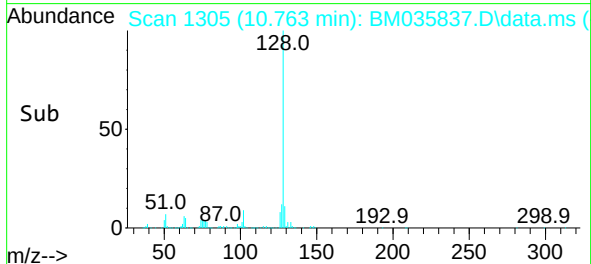
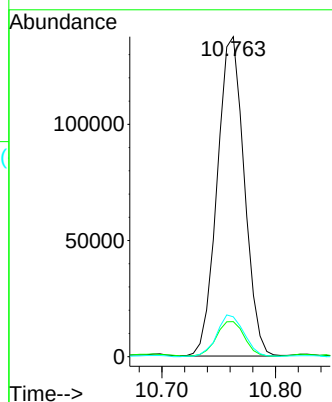
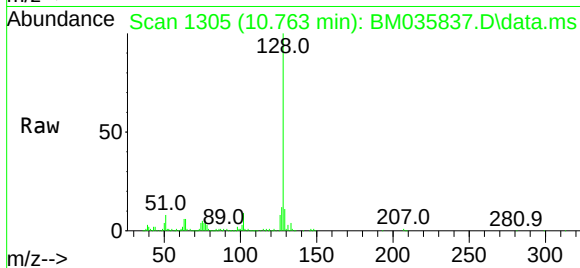




#31
Naphthalene
Concen: 2.900 ng
RT: 10.763 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

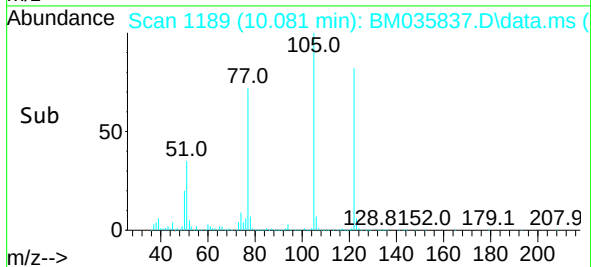
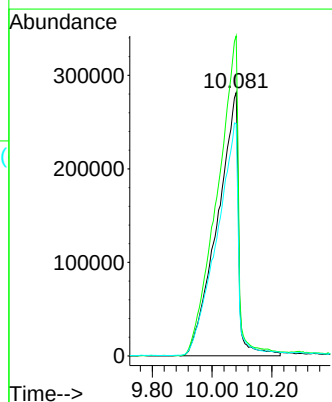
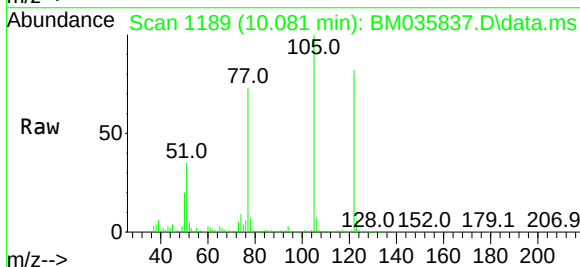
Instrument :
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ClientSampleId :
CASING-NUMBER-5D-WATERING

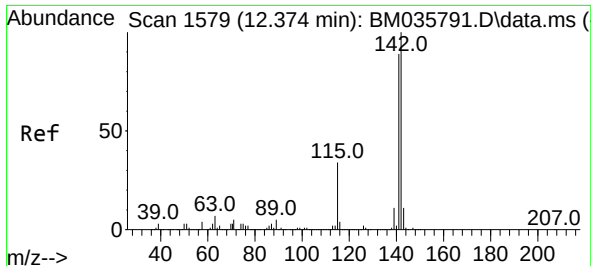
Tgt Ion:128 Resp: 227796
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.4 10.6 16.0



#32
Benzoic acid
Concen: 100.551 ng
RT: 10.081 min Scan# 1189
Delta R.T. 0.071 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

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

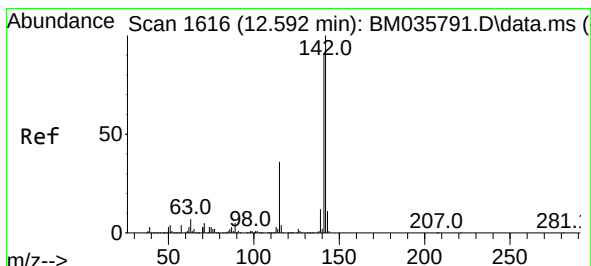
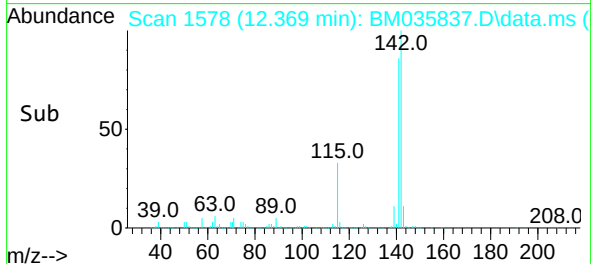
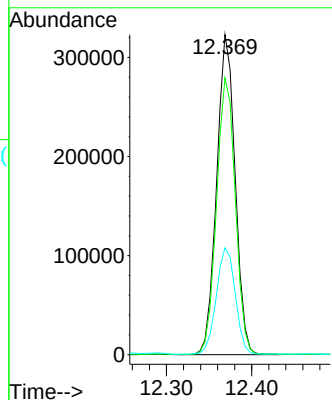
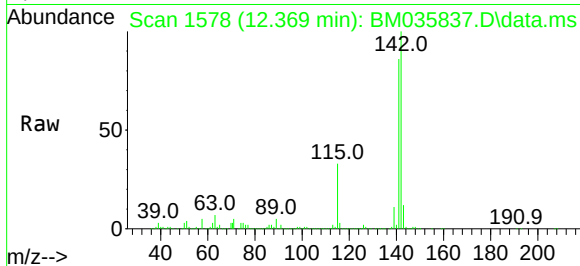




#37
2-Methylnaphthalene
Concen: 9.433 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

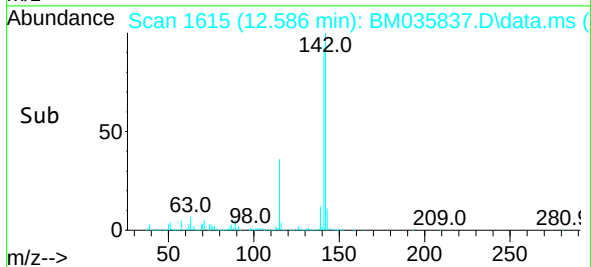
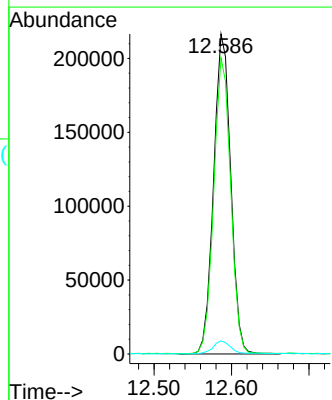
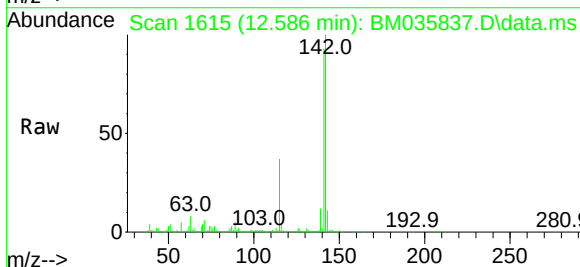
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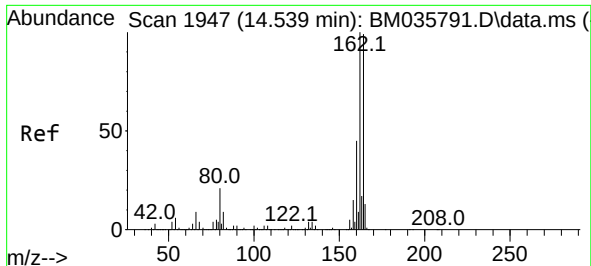
Tgt Ion:142 Resp: 487295
Ion Ratio Lower Upper
142 100
141 86.5 72.4 108.6
115 33.4 29.6 44.4



#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

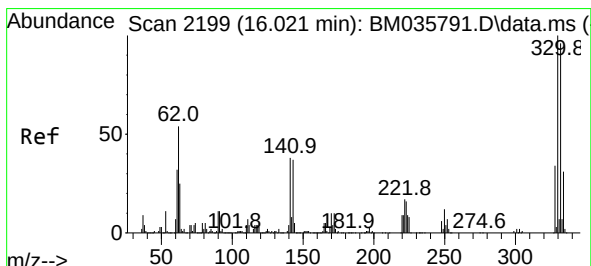
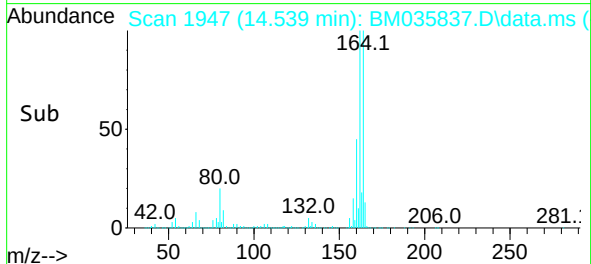
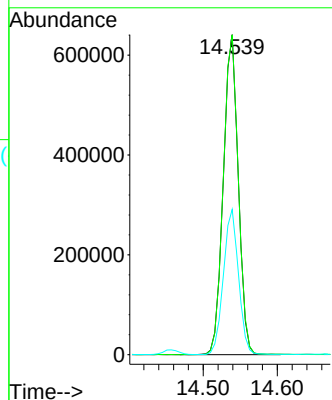
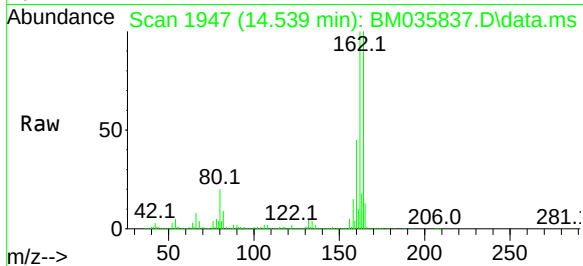




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

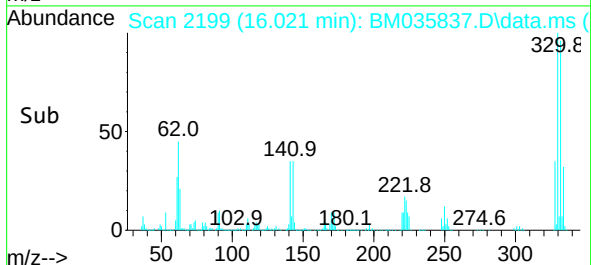
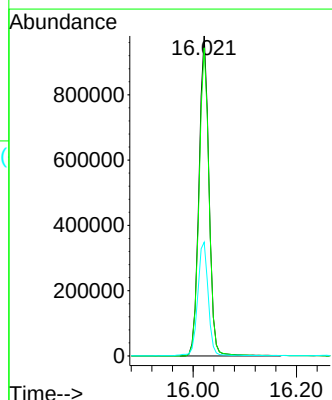
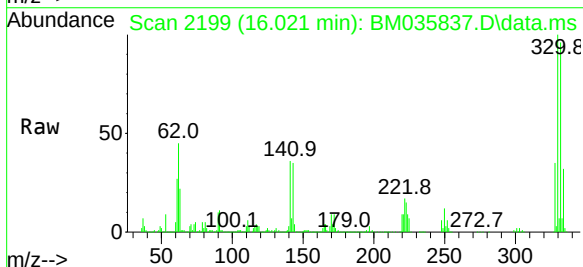
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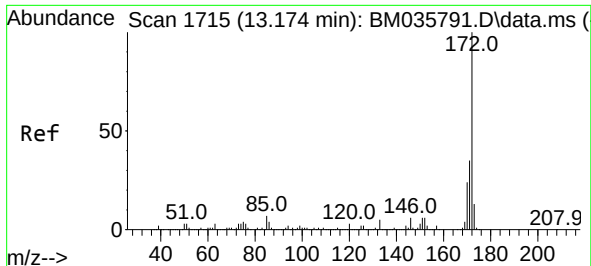
Tgt Ion:164 Resp: 898467
Ion Ratio Lower Upper
164 100
162 99.9 83.0 124.6
160 45.4 37.0 55.4



#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

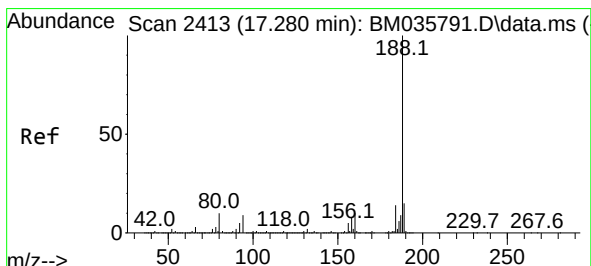
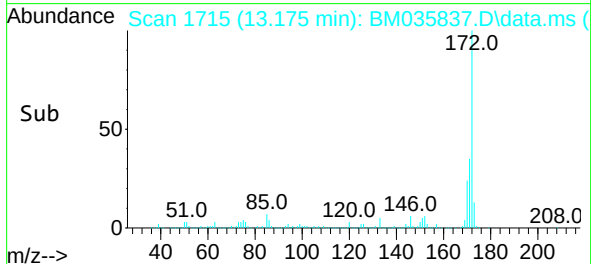
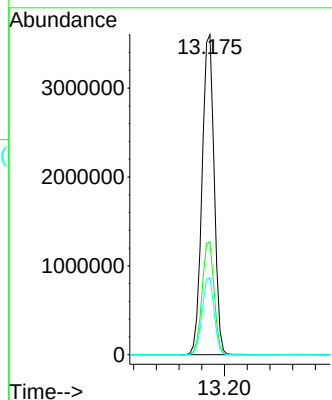
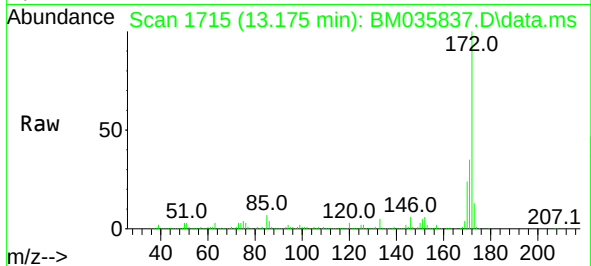




#45
2-Fluorobiphenyl
Concen: 82.711 ng
RT: 13.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

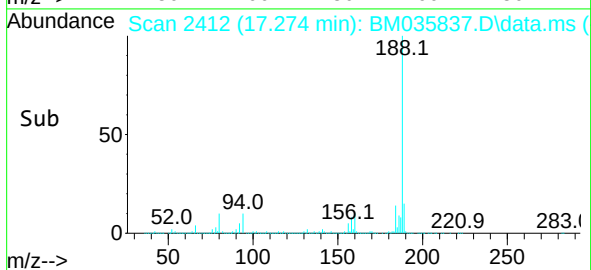
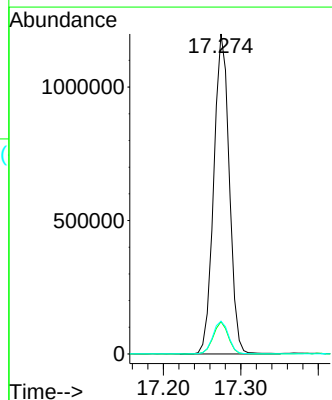
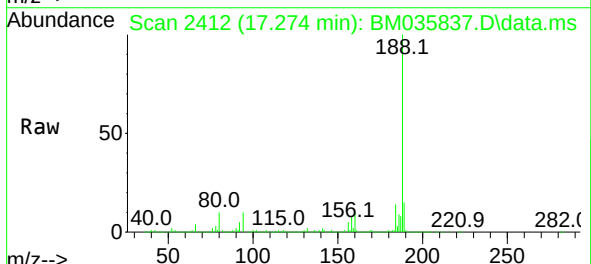
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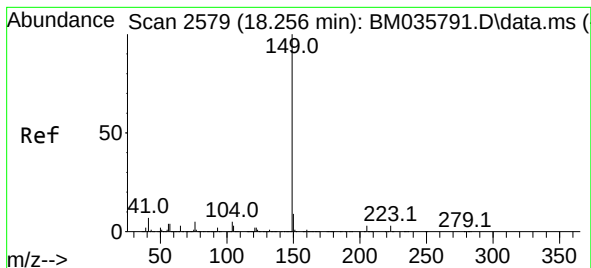
Tgt Ion:172 Resp: 5328588
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 24.0 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM035837.D
Acq: 15 Jul 2022 19:26

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





#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

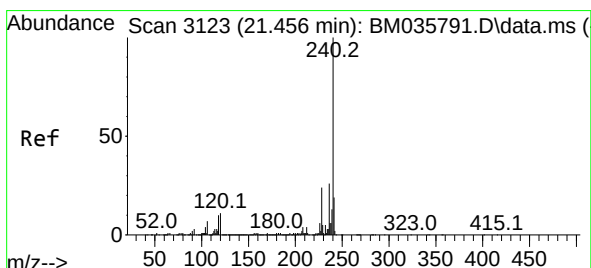
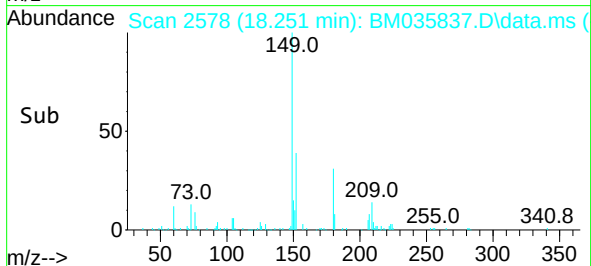
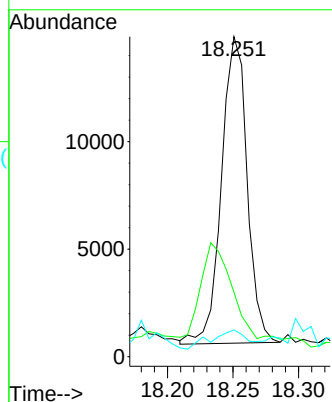
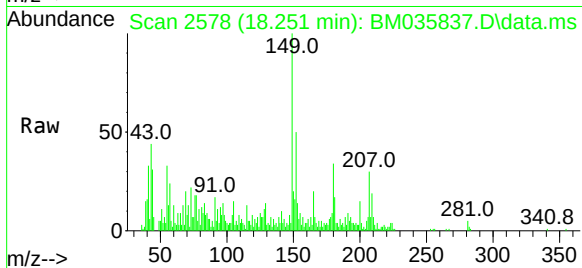
Tgt Ion:149 Resp: 19401

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

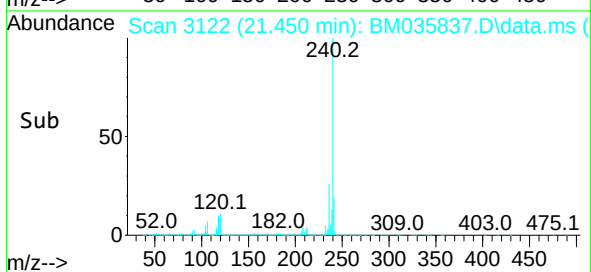
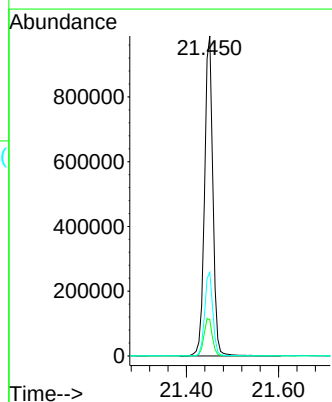
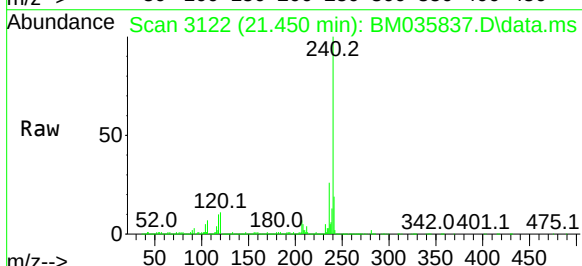
Tgt Ion:240 Resp: 1245681

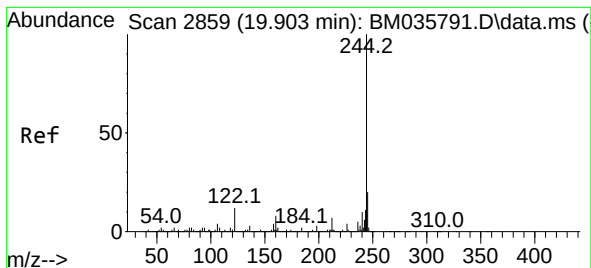
Ion Ratio Lower Upper

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

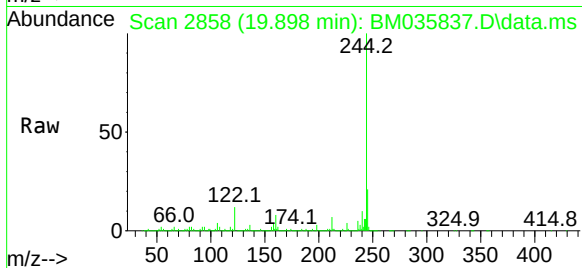
Acq: 15 Jul 2022 19:26

Instrument :

BNA_M

ClientSampleId :

CASING-NUMBER-5D-WATERING



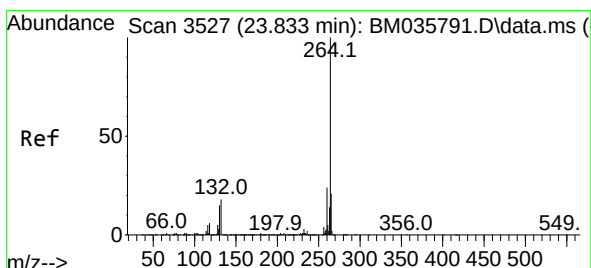
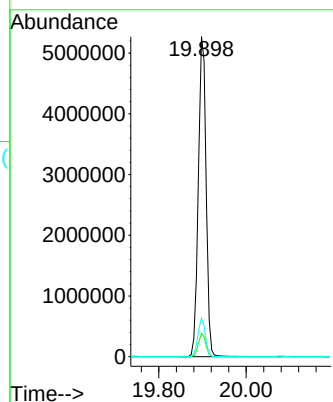
Tgt Ion:244 Resp: 6517568

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 12.1 8.3 12.5



#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

