

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
 Data File : BM030438.D
 Acq On : 14 Jun 2021 15:56
 Operator : CG/JU
 Sample : M2625-30RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(174-178)RE

Quant Time: Jun 14 16:39:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 11 14:10:50 2021
 Response via : Initial Calibration

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

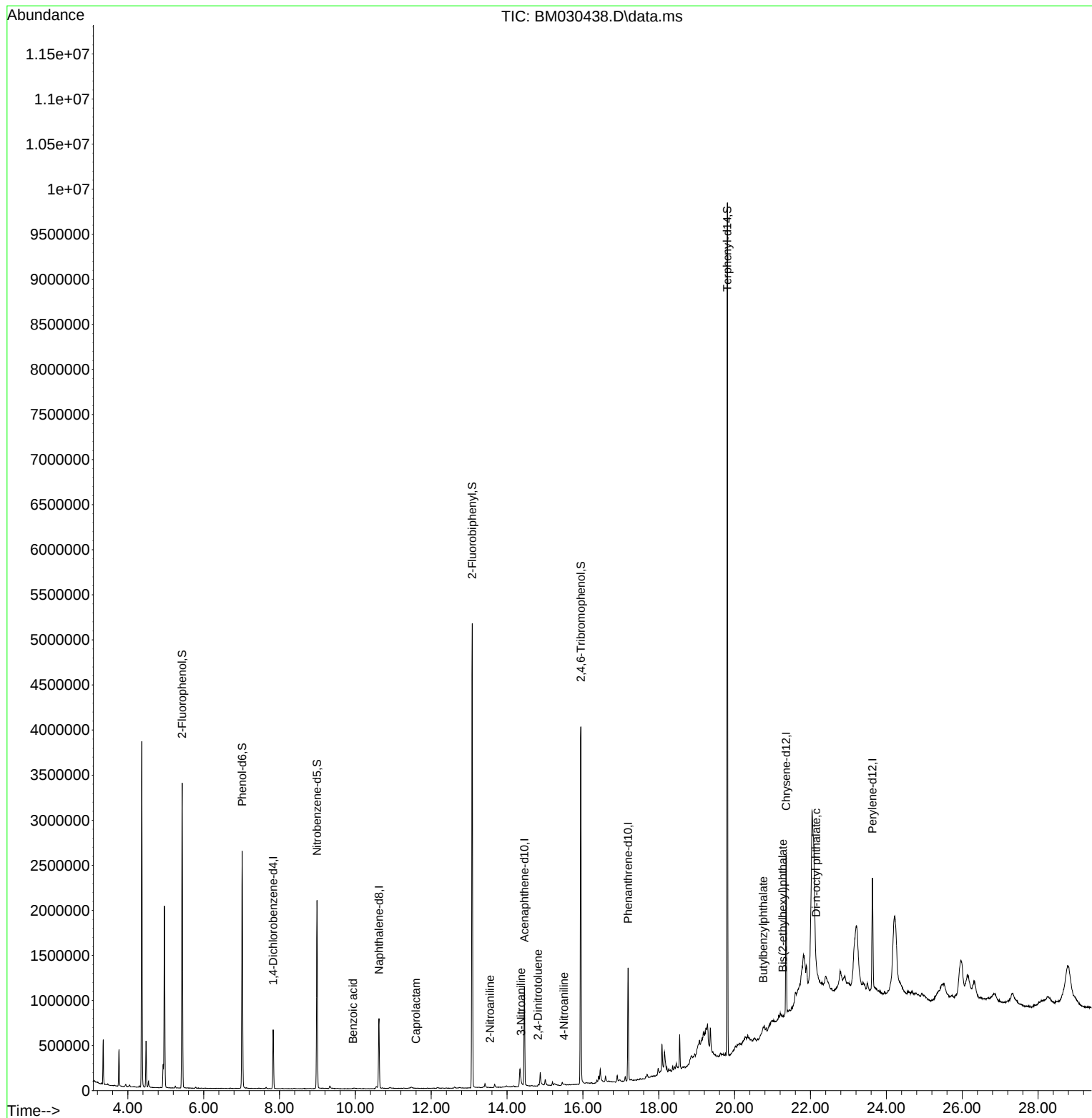
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	178732	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	644970	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	379053	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	768486	20.000	ng	0.00
76) Chrysene-d12	21.356	240	861411	20.000	ng	0.00
86) Perylene-d12	23.633	264	905515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1414801	128.683	ng	0.02
7) Phenol-d6	7.016	99	1477775	92.849	ng	0.02
23) Nitrobenzene-d5	8.987	82	1202534	90.833	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	752649	157.929	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	2701562	93.726	ng	0.00
79) Terphenyl-d14	19.809	244	4339017	88.474	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	9.940	122	2771	5.314	ng	# 73
35) Caprolactam	11.598	113	403	6.065	ng	# 1
48) 2-Nitroaniline	13.551	65	229	4.048	ng	# 4
53) 3-Nitroaniline	14.369	138	121	3.977	ng	# 1
57) 2,4-Dinitrotoluene	14.816	165	128	3.008	ng	# 56
62) 4-Nitroaniline	15.504	138	240	4.642	ng	# 10
80) Butylbenzylphthalate	20.756	149	1142	4.344	ng	91
84) Bis(2-ethylhexyl)phtha...	21.268	149	5340	4.394	ng	# 85
85) Di-n-octyl phthalate	22.150	149	597	4.174	ng	# 78

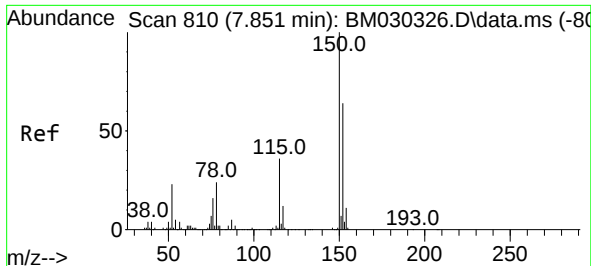
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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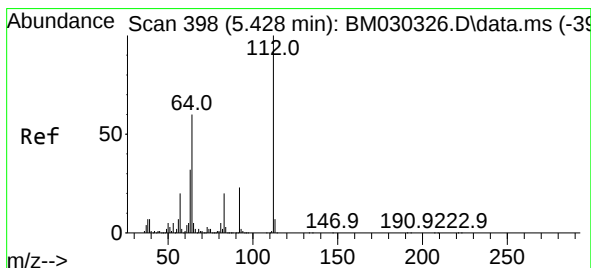
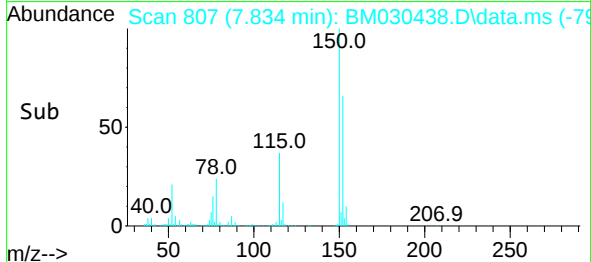
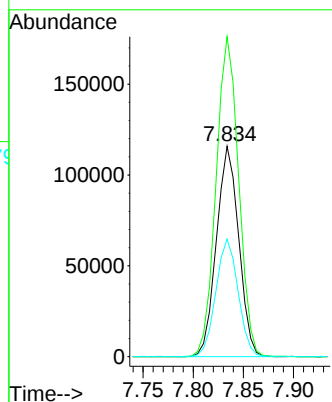
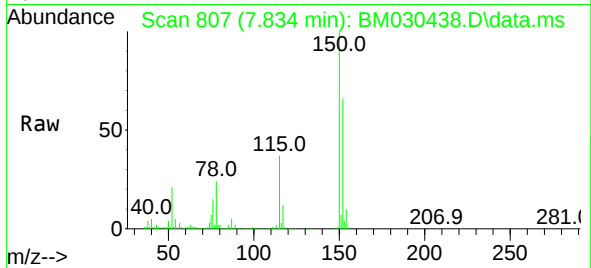




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

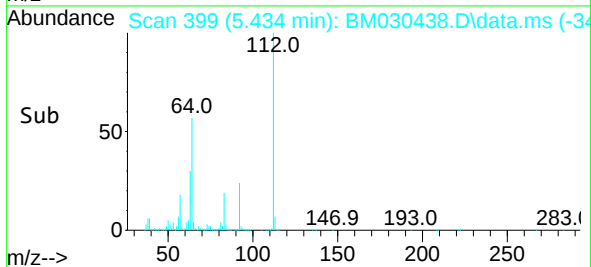
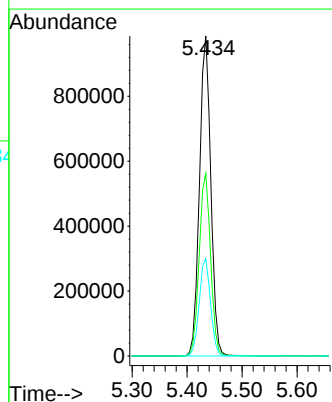
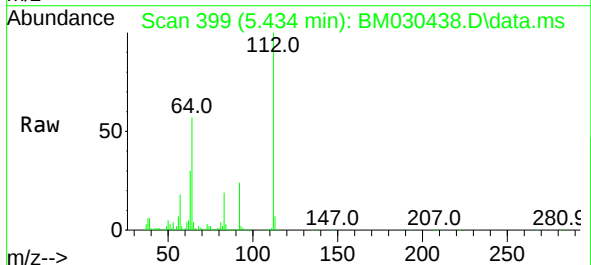
Instrument :
BNA_M
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18-B12(174-178)RE

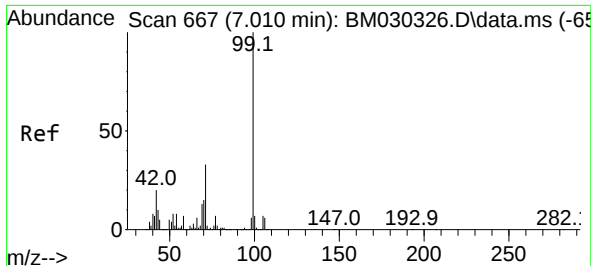
Tgt Ion:152 Resp: 178732
Ion Ratio Lower Upper
152 100
150 152.1 125.9 188.9
115 55.9 44.6 67.0



#5
2-Fluorophenol
Concen: 128.683 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.018 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion:112 Resp: 1414801
Ion Ratio Lower Upper
112 100
64 56.9 47.1 70.7
63 30.5 27.3 40.9

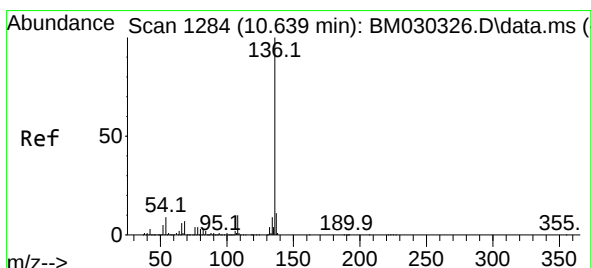
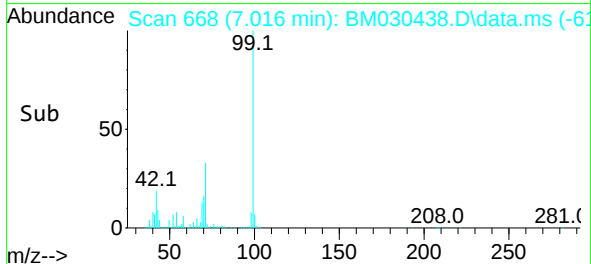
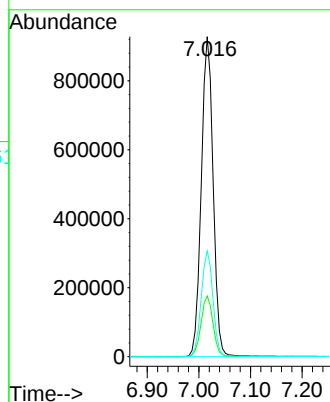
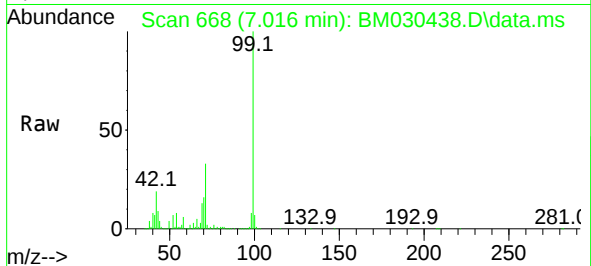




#7
Phenol-d6
Concen: 92.849 ng
RT: 7.016 min Scan# 668
Delta R.T. 0.018 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

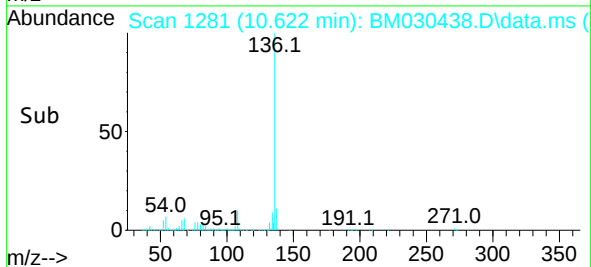
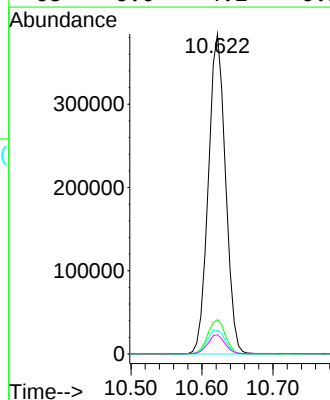
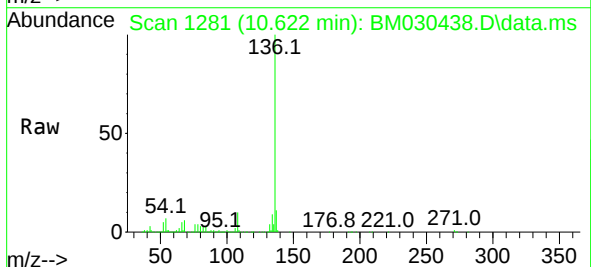
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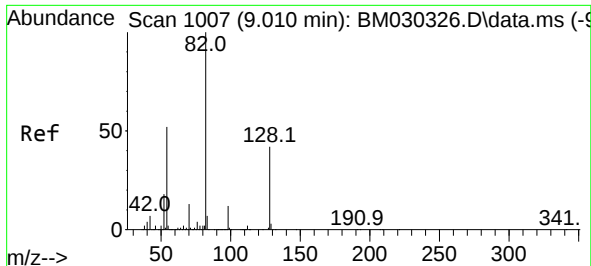
Tgt Ion: 99 Resp: 1477775
Ion Ratio Lower Upper
99 100
42 18.9 18.0 27.0
71 33.1 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion: 136 Resp: 644970
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.4 5.5 8.3
68 6.0 4.2 6.2

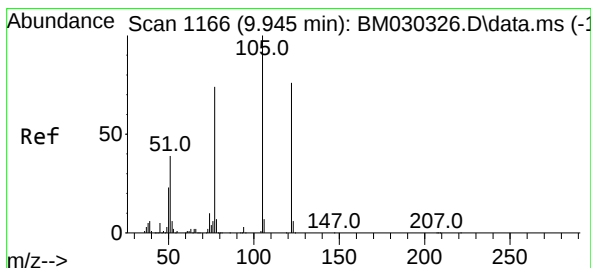
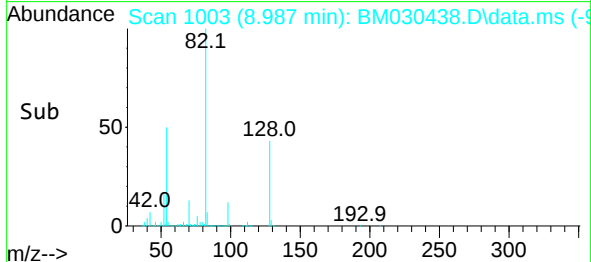
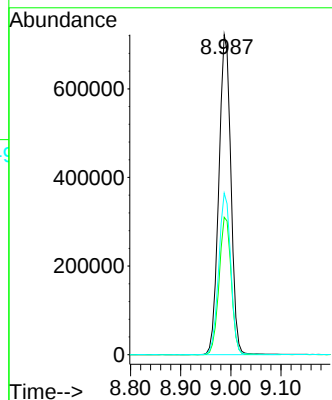
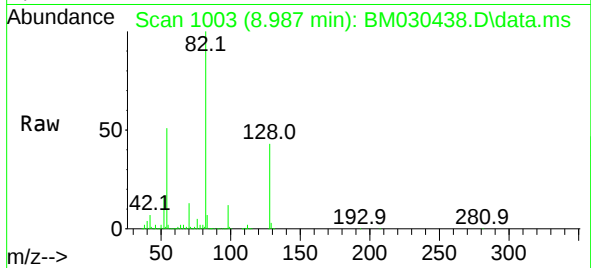




#23
Nitrobenzene-d5
Concen: 90.833 ng
RT: 8.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

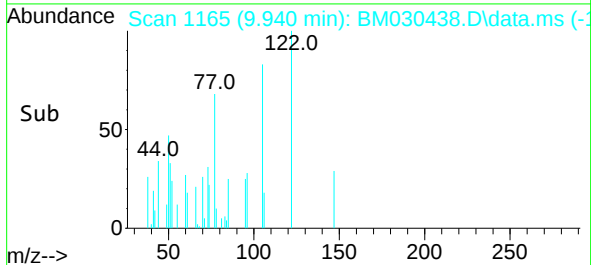
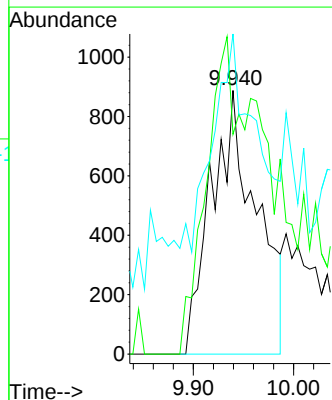
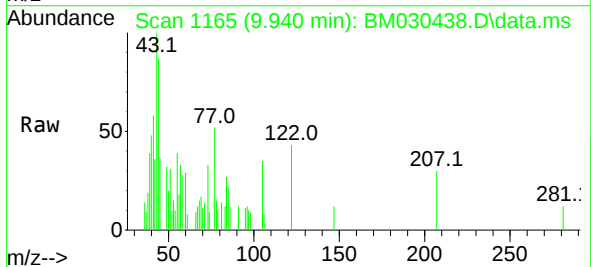
Instrument :
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18-B12(174-178)RE

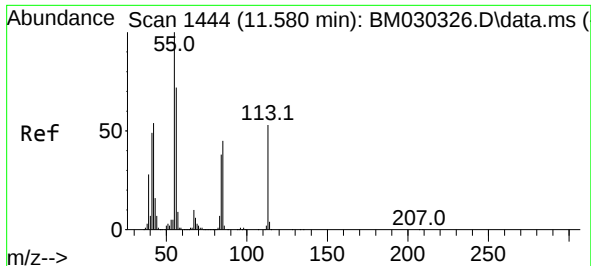
Tgt Ion: 82 Resp: 1202534
Ion Ratio Lower Upper
82 100
128 43.0 31.1 46.7
54 50.5 37.3 55.9



#32
Benzoic acid
Concen: 5.314 ng
RT: 9.940 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion: 122 Resp: 2771
Ion Ratio Lower Upper
122 100
105 83.3 107.3 147.3#
77 121.4 88.0 128.0

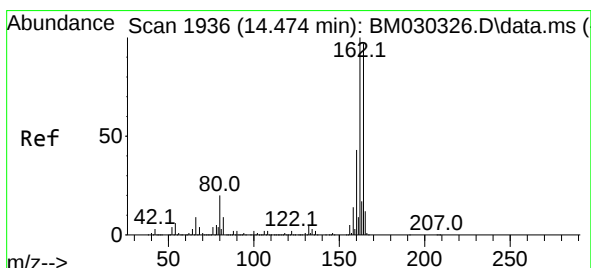
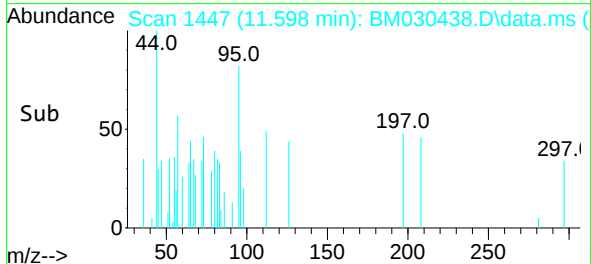
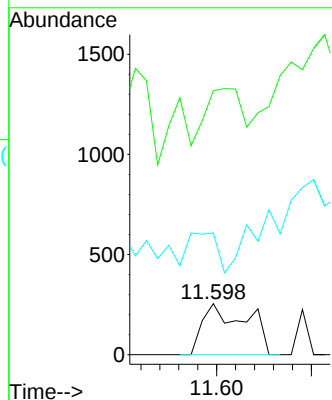
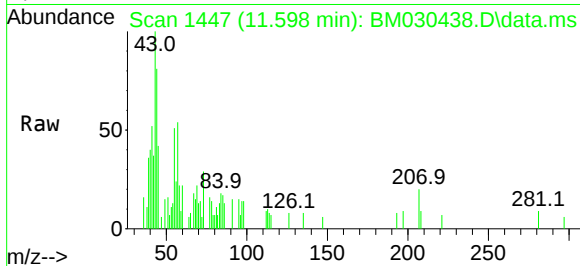




#35
Caprolactam
Concen: 6.065 ng
RT: 11.598 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

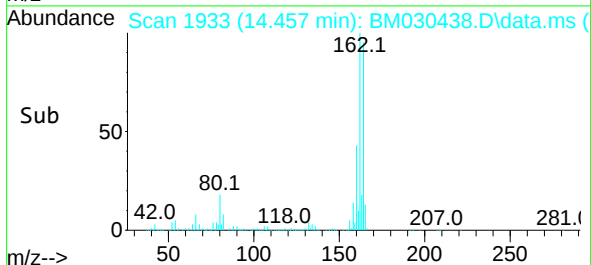
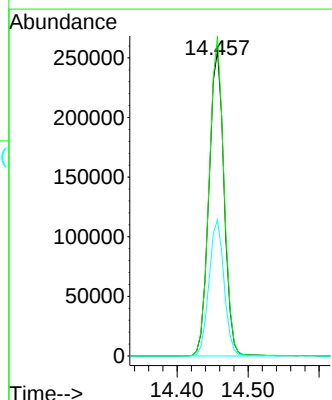
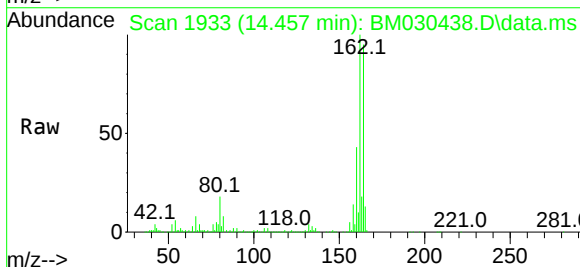
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18-B12(174-178)RE

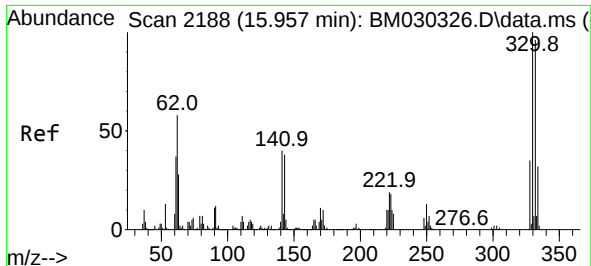
Tgt Ion:113 Resp: 403
Ion Ratio Lower Upper
113 100
55 516.9 132.0 172.0#
56 238.4 96.3 136.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion:164 Resp: 379053
Ion Ratio Lower Upper
164 100
162 104.8 83.4 125.0
160 44.6 37.2 55.8

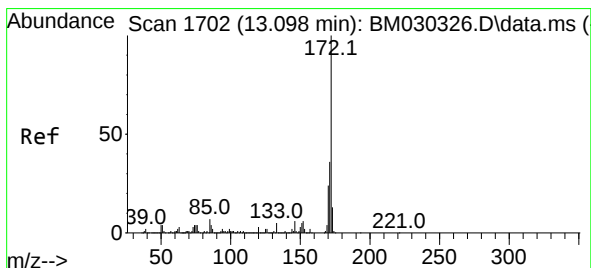
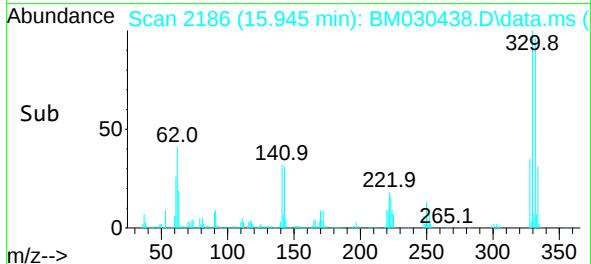
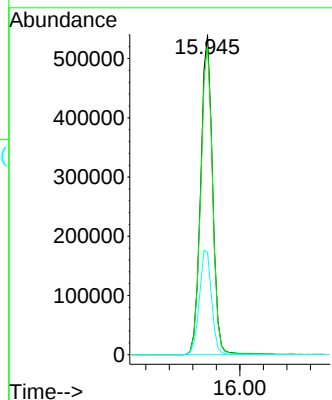
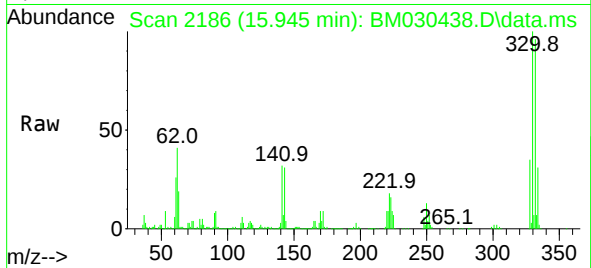




#42
2,4,6-Tribromophenol
Concen: 157.929 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

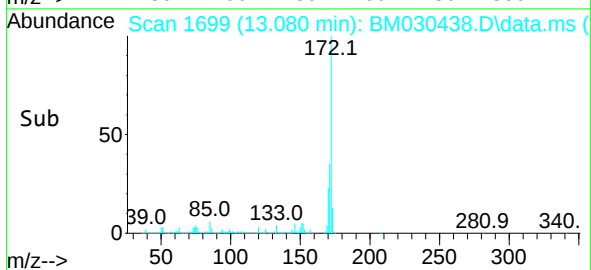
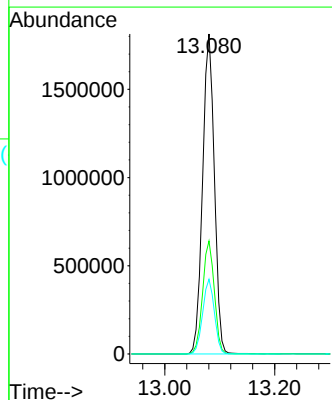
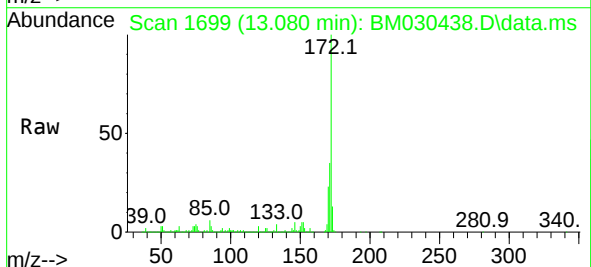
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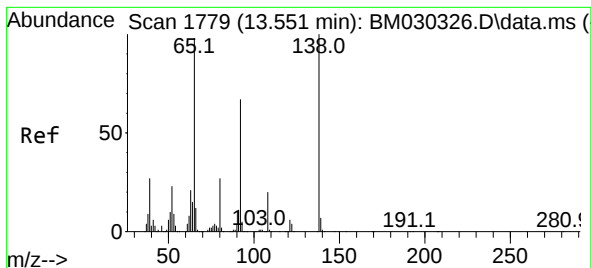
Tgt Ion:330 Resp: 752649
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 33.7 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 93.726 ng
RT: 13.080 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion:172 Resp: 2701562
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.3 18.4 27.6

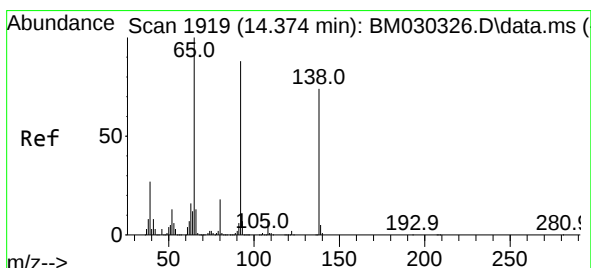
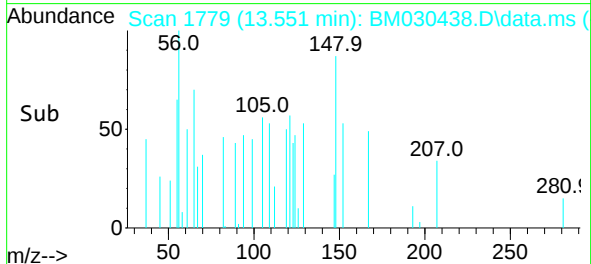
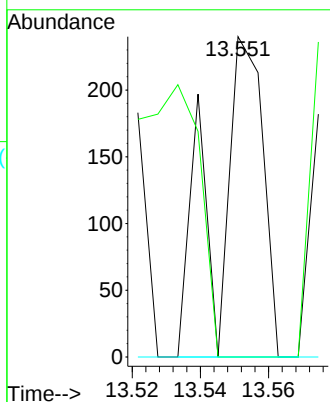
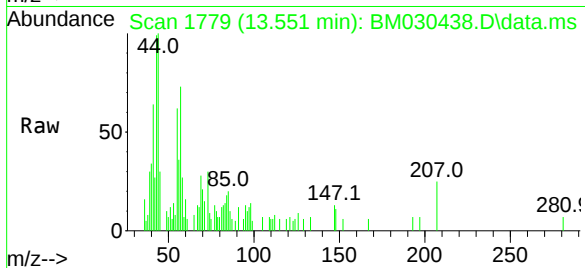




#48
2-Nitroaniline
Concen: 4.048 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.012 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

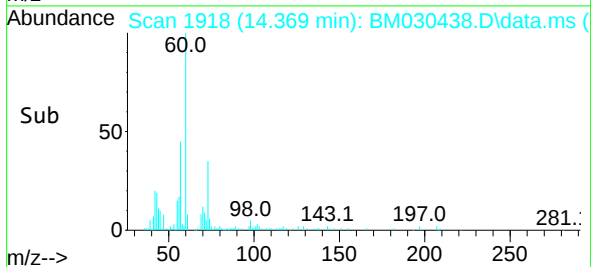
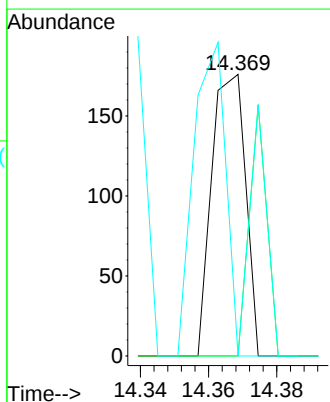
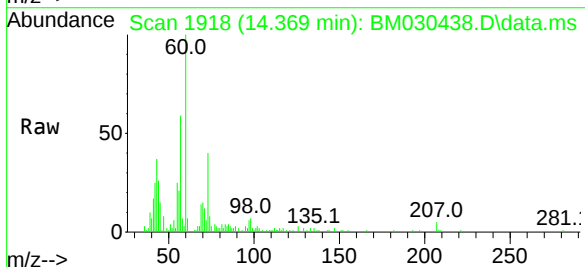
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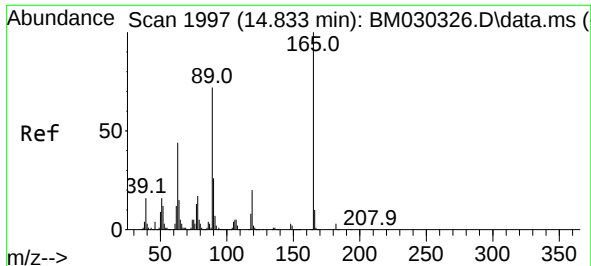
Tgt Ion: 65 Resp: 229
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#53
3-Nitroaniline
Concen: 3.977 ng
RT: 14.369 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion: 138 Resp: 121
Ion Ratio Lower Upper
138 100
108 0.0 7.7 11.5#
92 0.0 92.6 138.8#

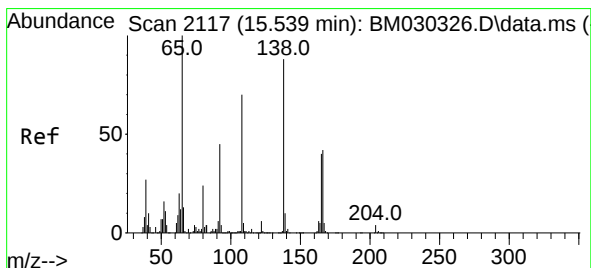
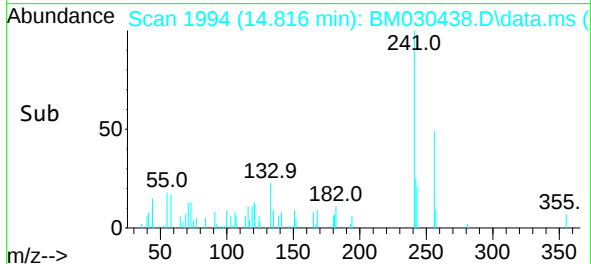
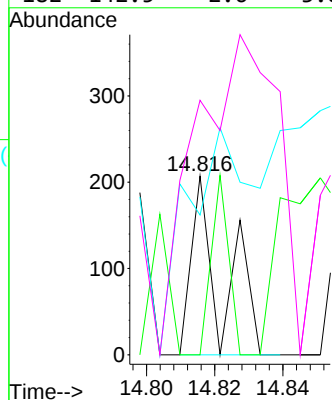
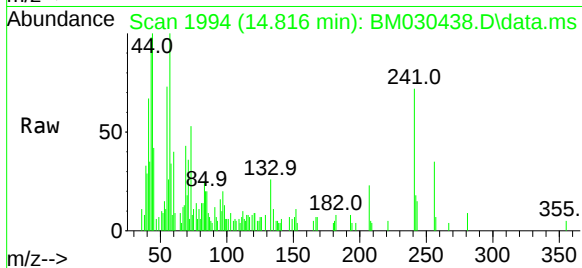




#57
2,4-Dinitrotoluene
Concen: 3.008 ng
RT: 14.816 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

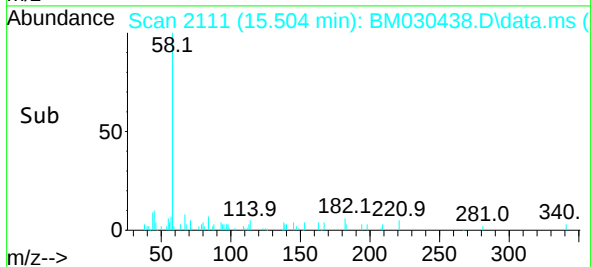
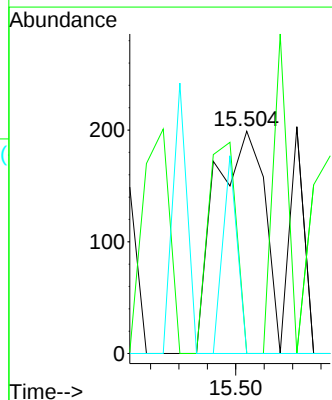
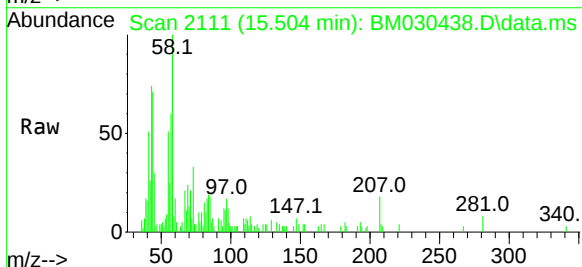
Instrument :
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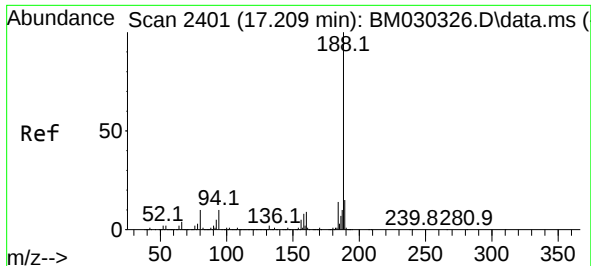
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Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 78.3 55.2 82.8
182 142.5 2.6 3.8#



#62
4-Nitroaniline
Concen: 4.642 ng
RT: 15.504 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion:138 Resp: 240
Ion Ratio Lower Upper
138 100
92 0.0 33.4 73.4#
108 0.0 75.5 115.5#

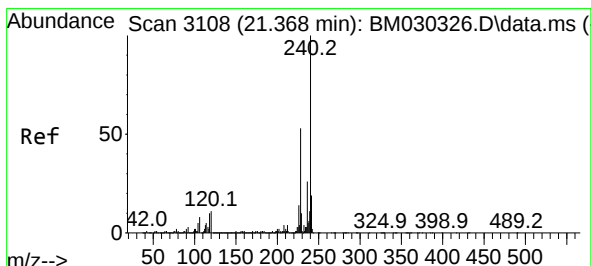
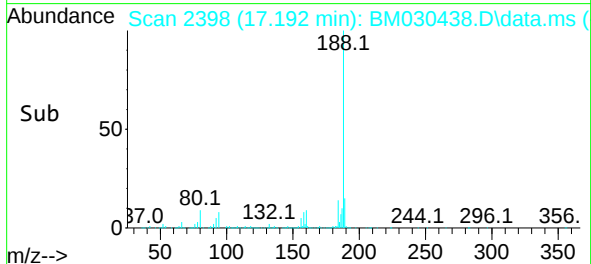
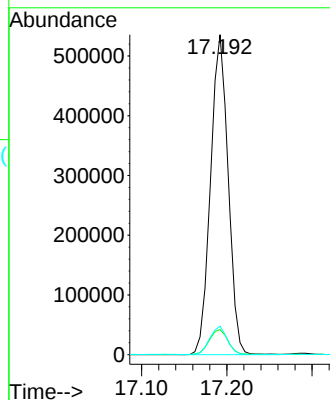
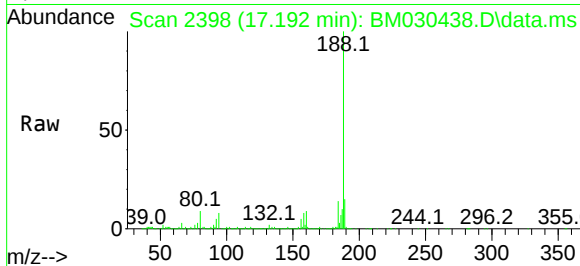




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

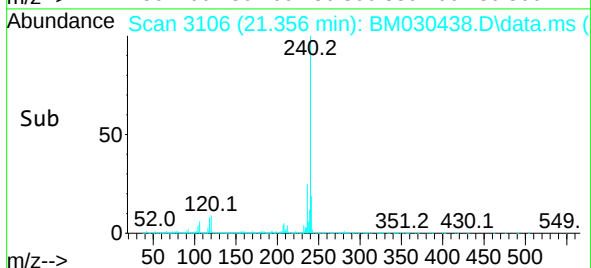
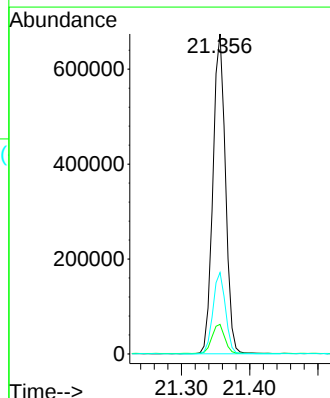
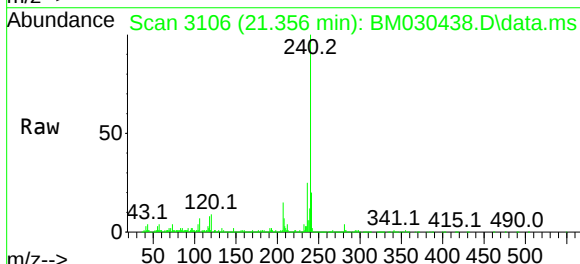
Instrument :
BNA_M
ClientSampleId :
18-B12(174-178)RE

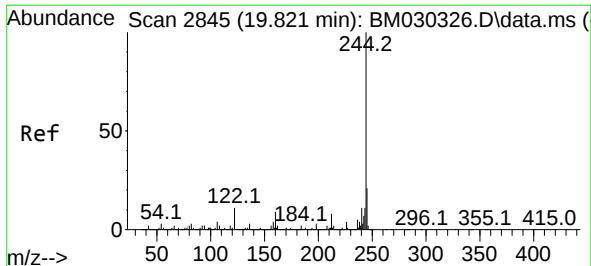
Tgt Ion:188 Resp: 768486
Ion Ratio Lower Upper
188 100
94 7.8 6.0 9.0
80 8.9 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion:240 Resp: 861411
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.4 21.0 31.4

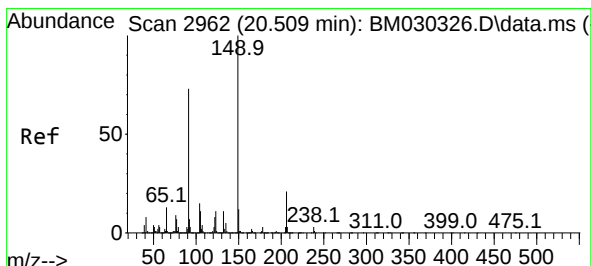
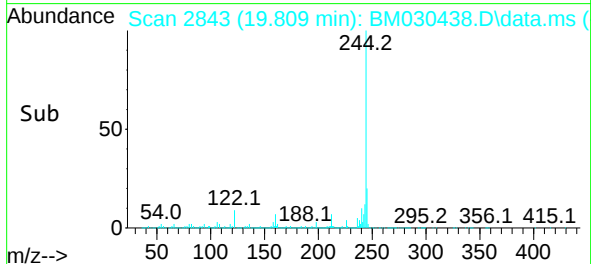
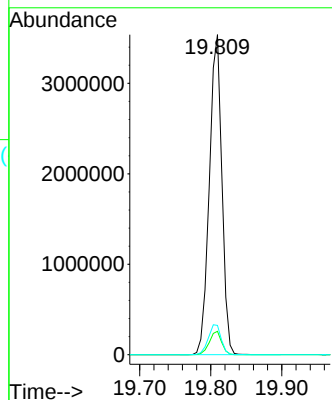
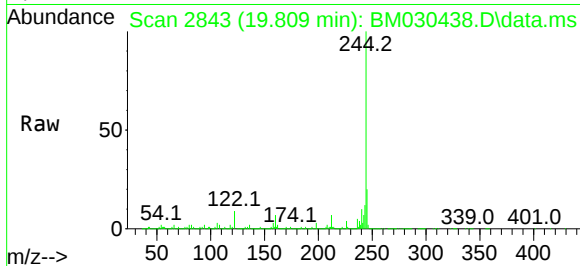




#79
Terphenyl-d14
Concen: 88.474 ng
RT: 19.809 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

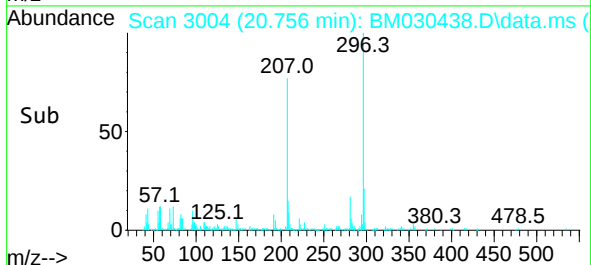
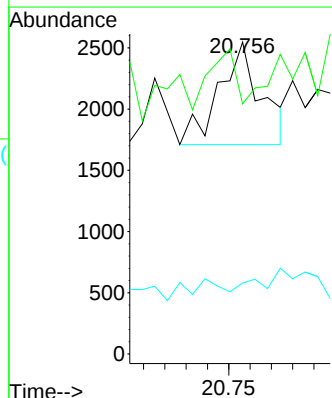
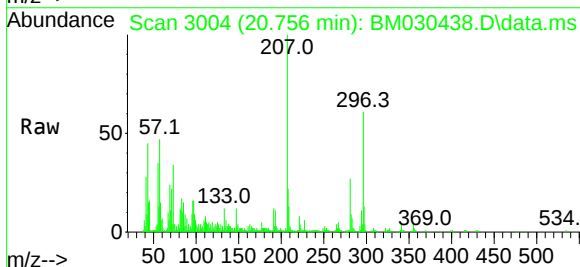
Instrument :
BNA_M
ClientSampleId :
18-B12(174-178)RE

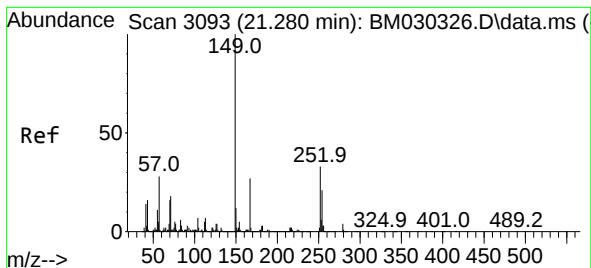
Tgt Ion:244 Resp: 4339017
Ion Ratio Lower Upper
244 100
212 7.3 6.3 9.5
122 9.1 6.9 10.3



#80
Butylbenzylphthalate
Concen: 4.344 ng
RT: 20.756 min Scan# 3004
Delta R.T. 0.259 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion:149 Resp: 1142
Ion Ratio Lower Upper
149 100
91 80.2 57.4 86.0
206 22.8 16.6 25.0



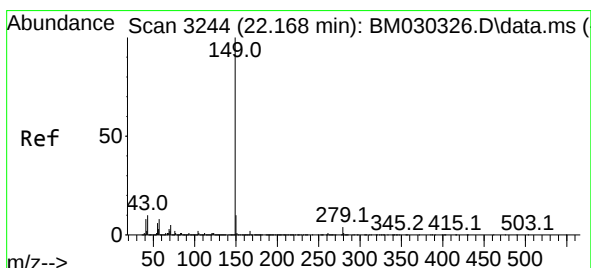
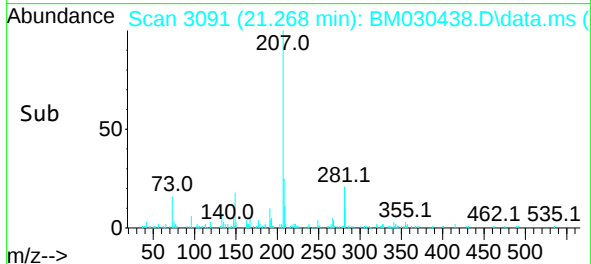
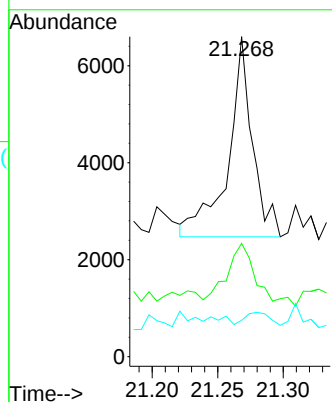
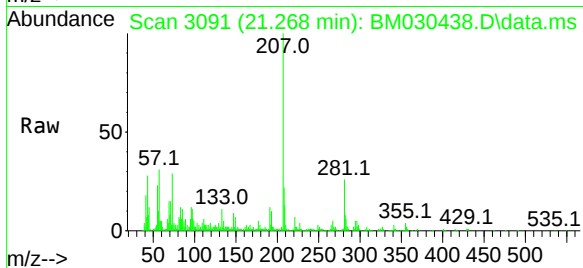


#84

Bis(2-ethylhexyl)phthalate
Concen: 4.394 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Instrument :
BNA_M
ClientSampleId :
18-B12(174-178)RE

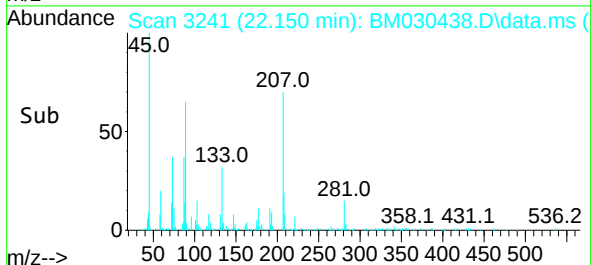
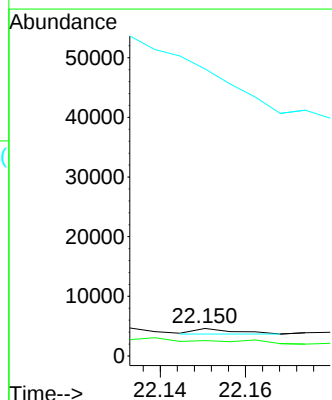
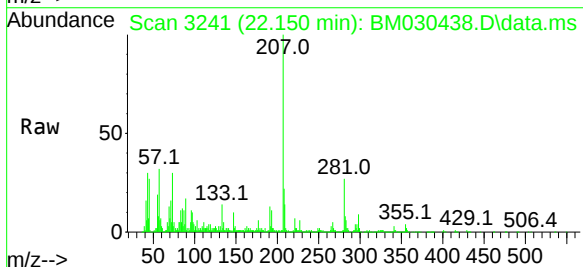
Tgt Ion:149 Resp: 5340
Ion Ratio Lower Upper
149 100
167 35.4 22.6 33.8#
279 11.4 3.8 5.8#

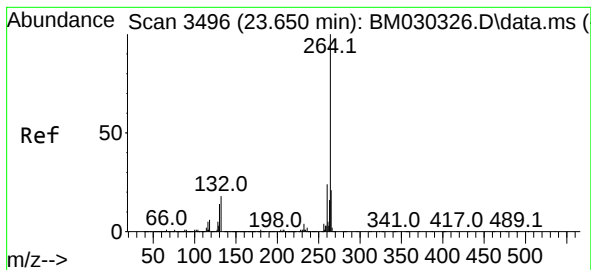


#85

Di-n-octyl phthalate
Concen: 4.174 ng
RT: 22.150 min Scan# 3241
Delta R.T. -0.006 min
Lab File: BM030438.D
Acq: 14 Jun 2021 15:56

Tgt Ion:149 Resp: 597
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 7.4 11.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 3493
 Delta R.T. 0.000 min
 Lab File: BM030438.D
 Acq: 14 Jun 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 18-B12(174-178)RE

Tgt Ion:264 Resp: 905515
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.8
 265 22.3 17.7 26.5

