

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
 Data File : BM030437.D
 Acq On : 14 Jun 2021 15:19
 Operator : CG/JU
 Sample : M2670-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Jun 14 15:53:50 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)

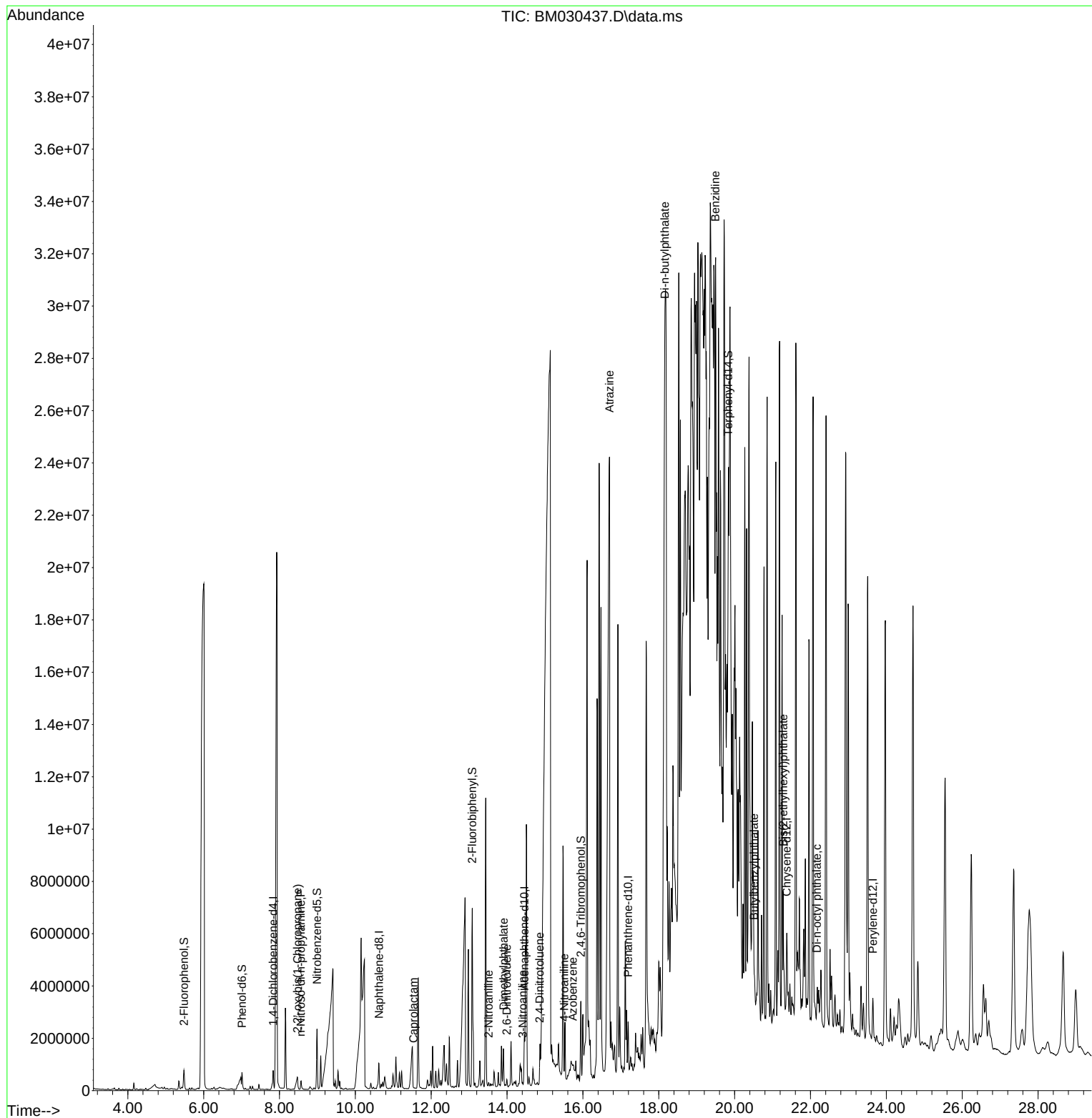
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	193803	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	737264	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	476393	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	990374	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1086027	20.000	ng	0.01
86) Perylene-d12	23.644	264	1122261	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	435844	36.559	ng	0.06
7) Phenol-d6	7.010	99	339127	19.650	ng	0.01
23) Nitrobenzene-d5	8.986	82	1322204	87.370	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	491637	82.082	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	3155995	87.120	ng	0.00
79) Terphenyl-d14	19.833	244	5942303	96.105	ng	0.02
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.475	45	60852	2.753	ng	70
19) n-Nitroso-di-n-propyla...	8.563	70	40295	3.517	ng	# 62
35) Caprolactam	11.533	113	371	6.047	ng	# 1
48) 2-Nitroaniline	13.515	65	3311	4.340	ng	# 40
50) Dimethylphthalate	13.910	163	167143	4.409	ng	98
51) 2,6-Dinitrotoluene	13.992	165	24909	2.980	ng	# 28
53) 3-Nitroaniline	14.410	138	3020	4.259	ng	# 12
57) 2,4-Dinitrotoluene	14.857	165	817	3.060	ng	# 1
62) 4-Nitroaniline	15.509	138	715	4.679	ng	# 58
63) Azobenzene	15.733	77	678122	17.715	ng	# 1
69) Atrazine	16.698	200	90431	9.804	ng	# 52
74) Di-n-butylphthalate	18.156	149	138198	2.297	ng	# 78
77) Benzidine	19.492	184	42304	2.202	ng	# 1
80) Butylbenzylphthalate	20.509	149	36516	5.281	ng	# 76
84) Bis(2-ethylhexyl)phtha...	21.280	149	379852	11.022	ng	99
85) Di-n-octyl phthalate	22.168	149	21765	4.417	ng	# 1

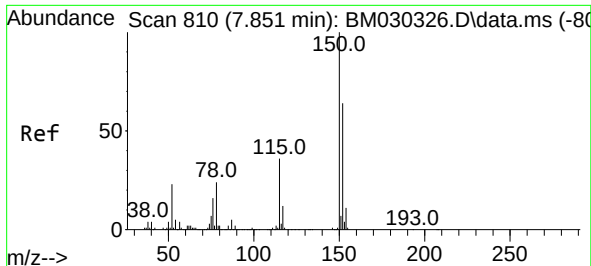
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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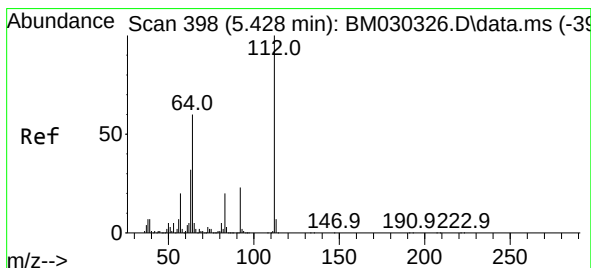
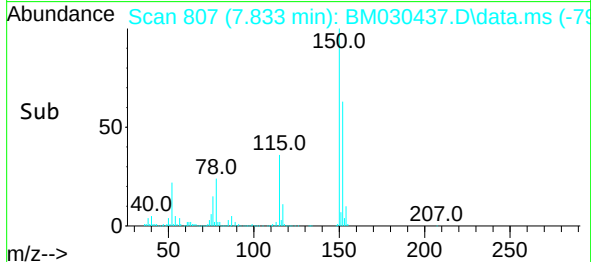
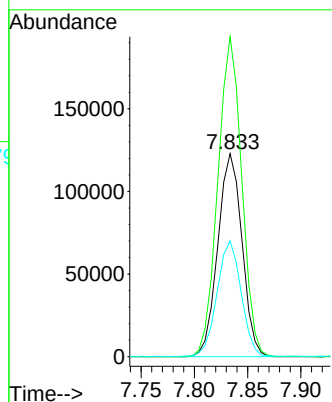
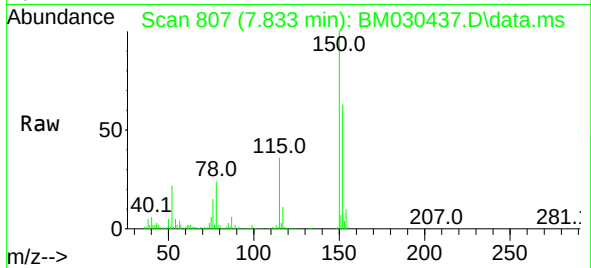




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.833 min Scan# 807
Delta R.T. -0.001 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

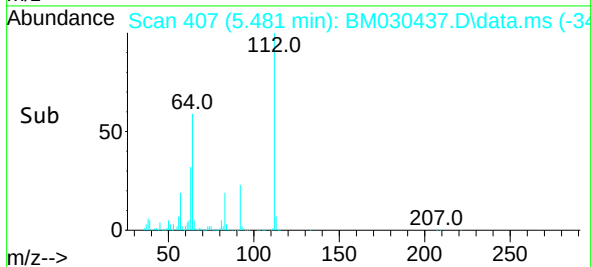
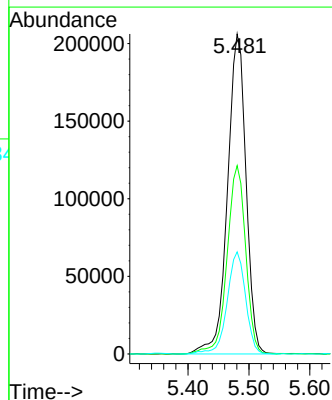
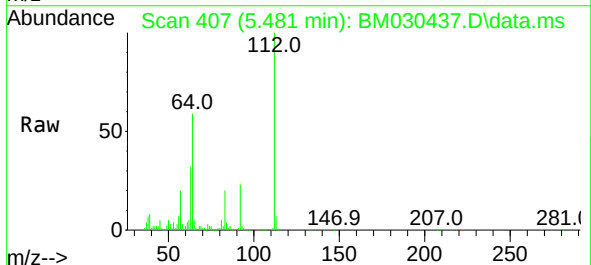
Instrument :
BNA_M
ClientSampleId :
EFF-WW

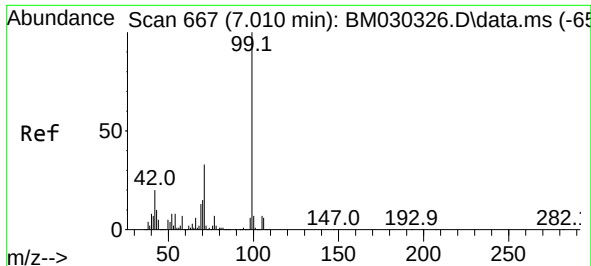
Tgt Ion:152 Resp: 193803
Ion Ratio Lower Upper
152 100
150 157.6 125.9 188.9
115 57.0 44.6 67.0



#5
2-Fluorophenol
Concen: 36.559 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.064 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion:112 Resp: 435844
Ion Ratio Lower Upper
112 100
64 58.9 47.1 70.7
63 31.9 27.3 40.9

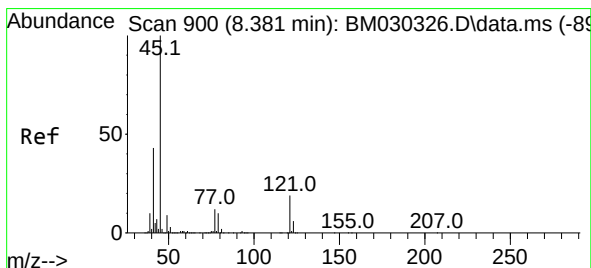
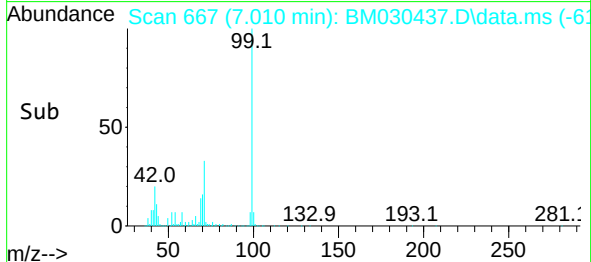
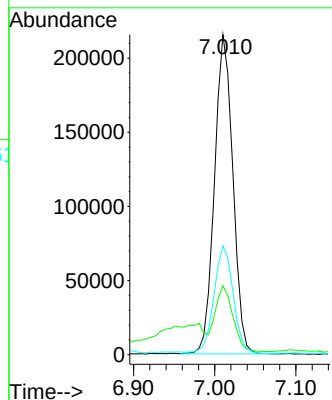
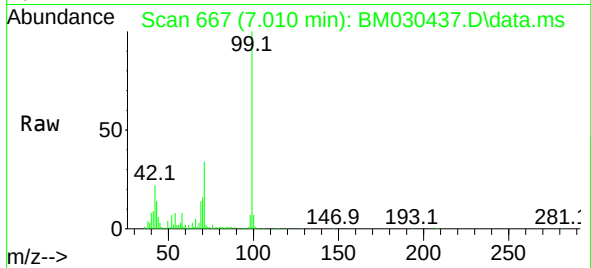




#7
Phenol-d6
Concen: 19.650 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.012 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

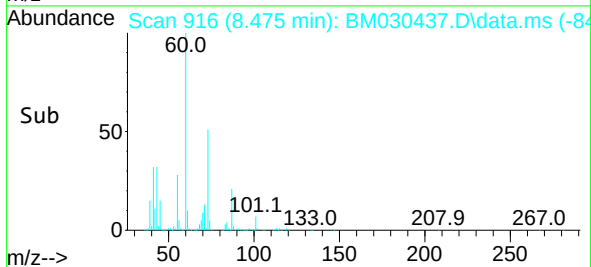
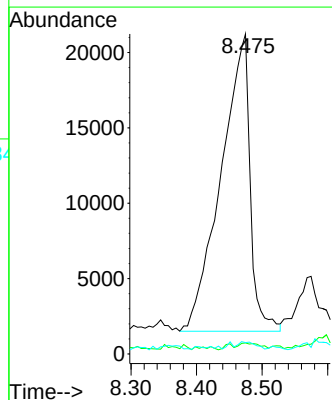
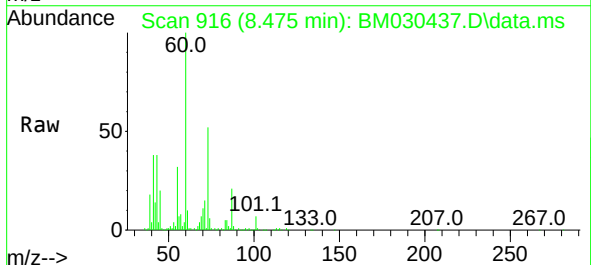
Instrument :
BNA_M
ClientSampleId :
EFF-WW

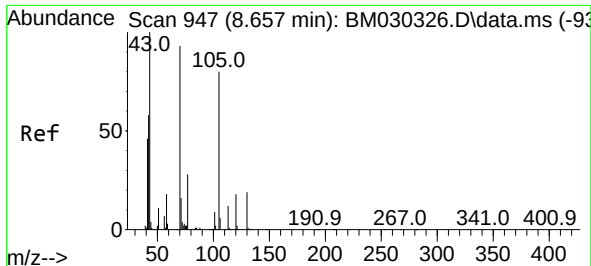
Tgt Ion: 99 Resp: 339127
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 34.0 30.9 46.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.753 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.106 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion: 45 Resp: 60852
Ion Ratio Lower Upper
45 100
77 3.5 0.0 38.0
79 3.6 0.0 34.1



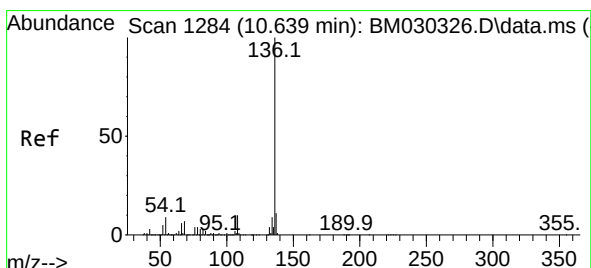
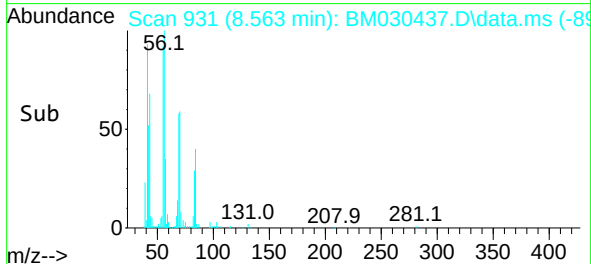
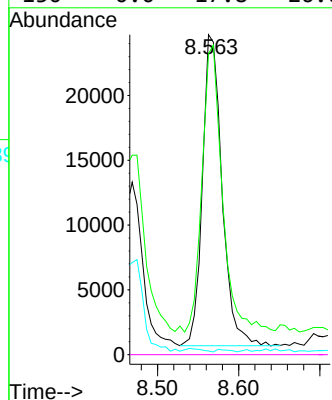
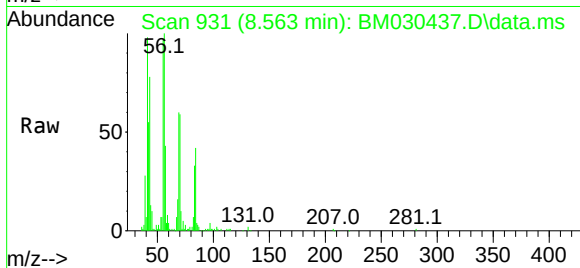


#19

n-Nitroso-di-n-propylamine
Concen: 3.517 ng
RT: 8.563 min Scan# 931
Delta R.T. -0.077 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Instrument :
BNA_M
ClientSampleId :
EFF-WW

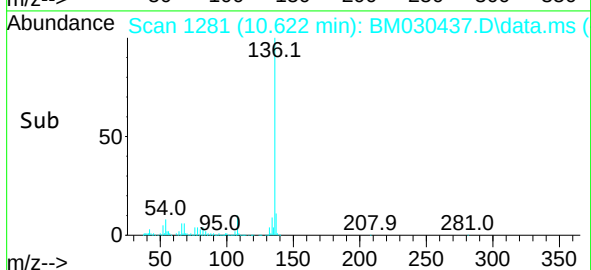
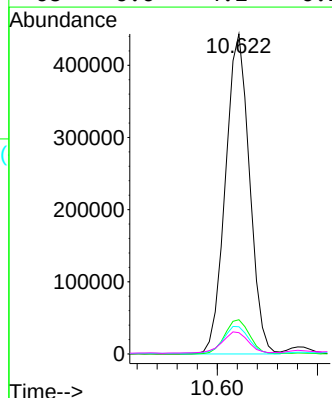
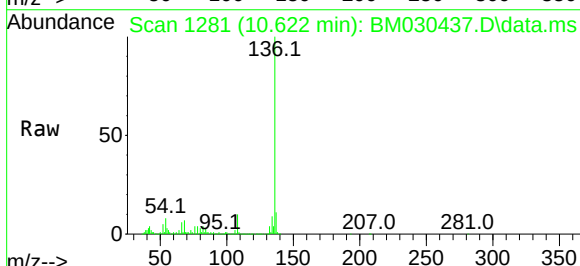
Tgt Ion:	70	Resp:	40295
Ion	Ratio	Lower	Upper
70	100		
42	94.0	51.4	77.0#
101	1.2	8.1	12.1#
130	0.0	17.8	26.6#

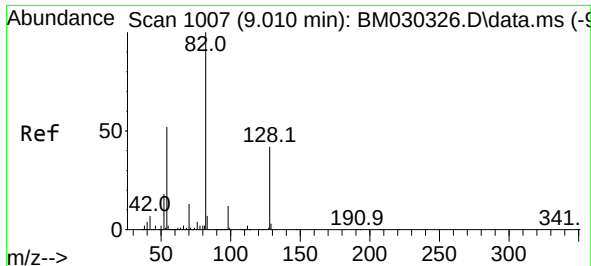


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion:	136	Resp:	737264
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.5	5.5	8.3#
68	6.6	4.2	6.2#

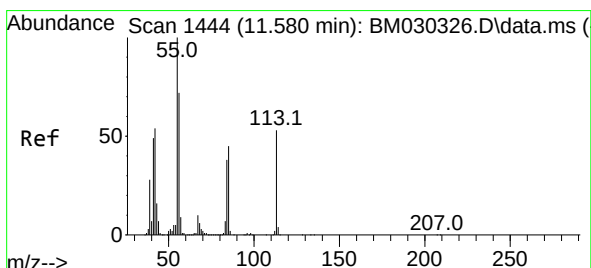
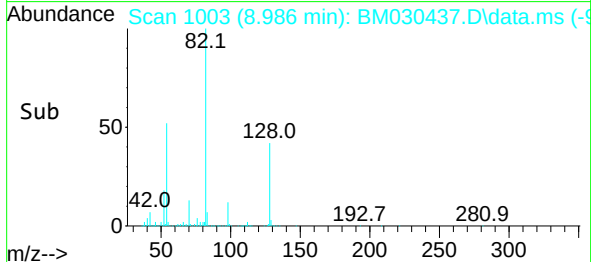
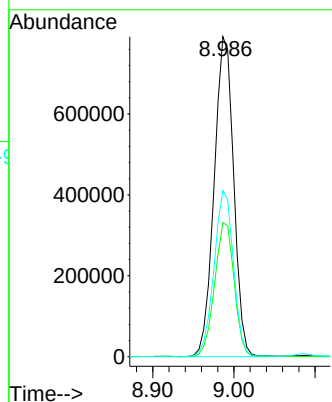
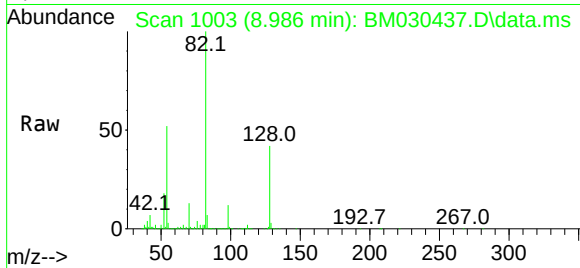




#23
Nitrobenzene-d5
Concen: 87.370 ng
RT: 8.986 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

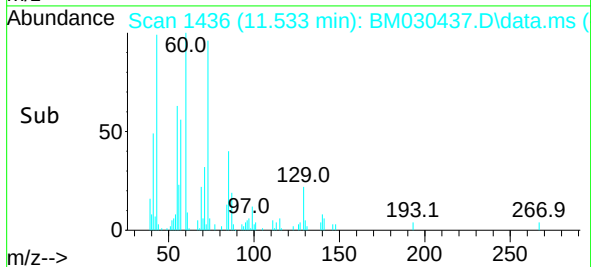
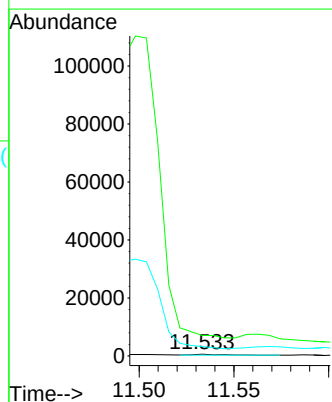
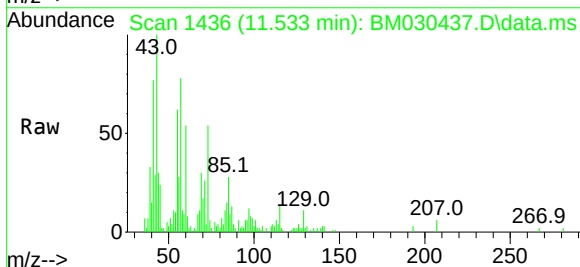
Instrument :
BNA_M
ClientSampleId :
EFF-WW

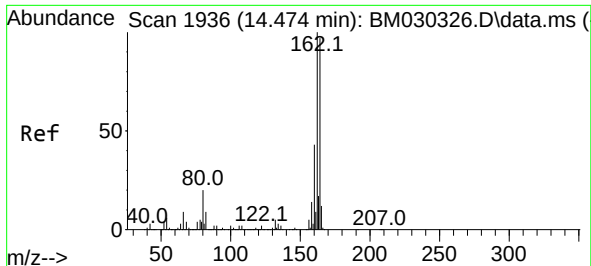
Tgt Ion: 82 Resp: 1322204
Ion Ratio Lower Upper
82 100
128 41.9 31.1 46.7
54 51.9 37.3 55.9



#35
Caprolactam
Concen: 6.047 ng
RT: 11.533 min Scan# 1436
Delta R.T. -0.036 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion: 113 Resp: 371
Ion Ratio Lower Upper
113 100
55 1112.5 132.0 172.0#
56 513.1 96.3 136.3#

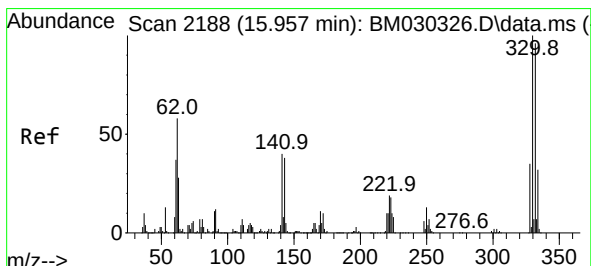
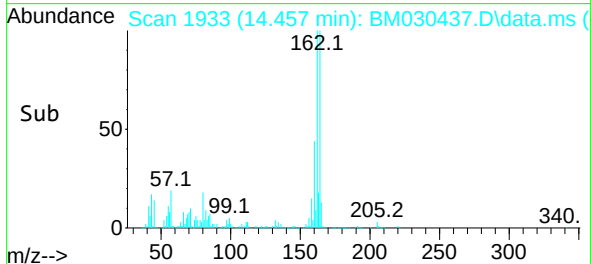
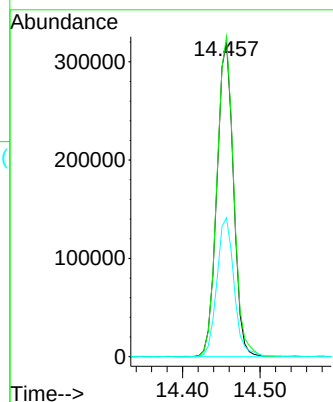
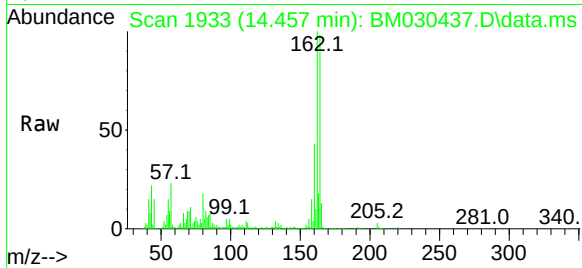




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

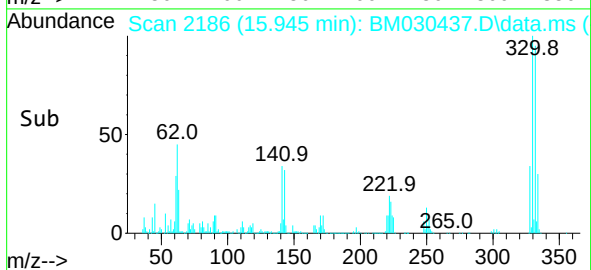
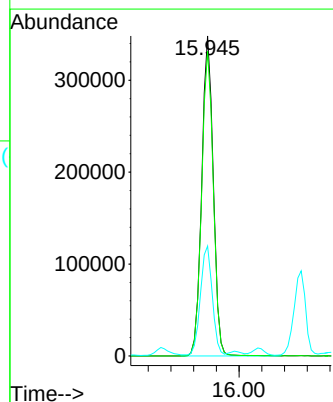
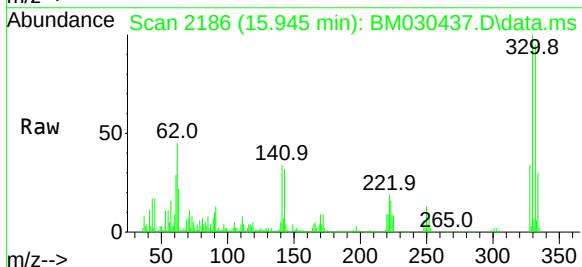
Instrument :
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ClientSampleId :
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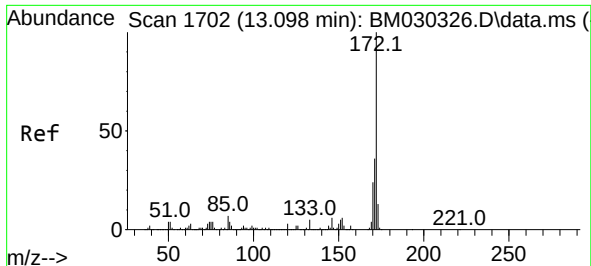
Tgt Ion:164 Resp: 476393
Ion Ratio Lower Upper
164 100
162 101.6 83.4 125.0
160 44.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 82.082 ng
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion:330 Resp: 491637
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 34.7 30.2 45.2

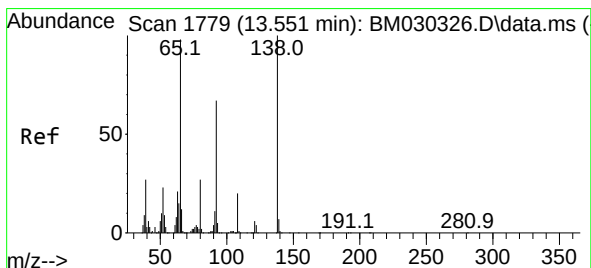
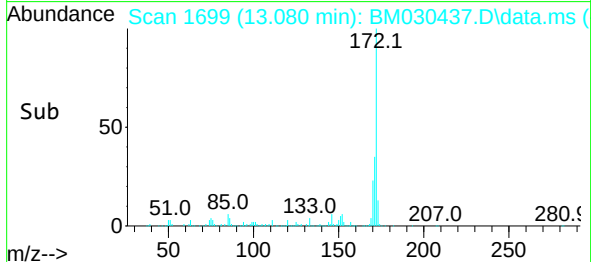
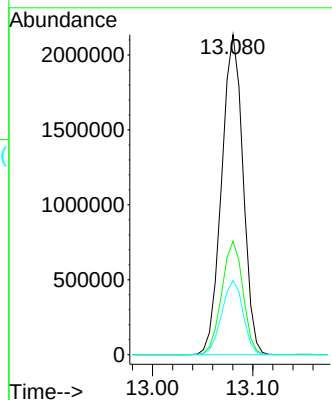
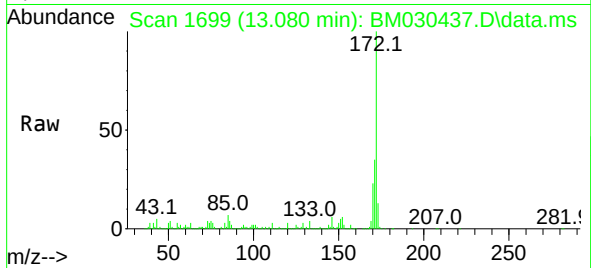




#45
2-Fluorobiphenyl
Concen: 87.120 ng
RT: 13.080 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

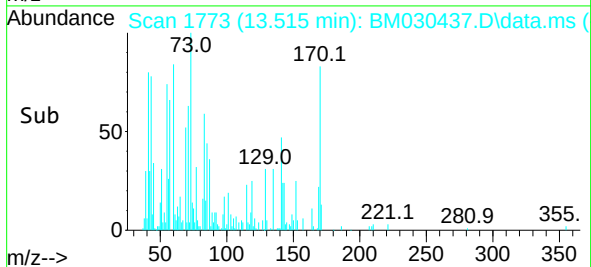
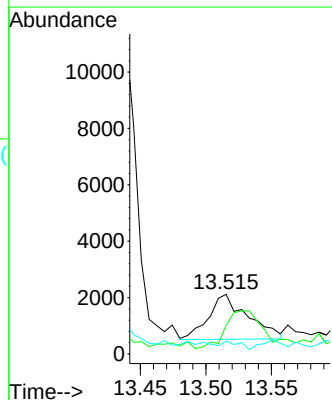
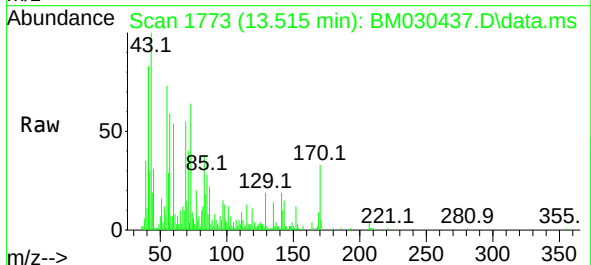
Instrument :
BNA_M
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EFF-WW

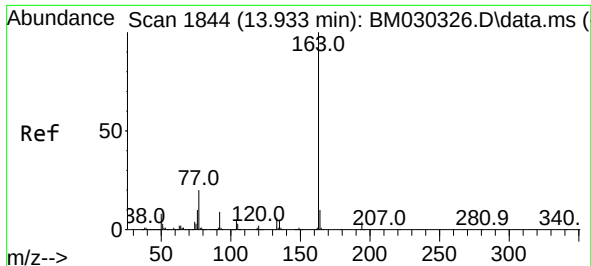
Tgt Ion:172 Resp: 3155995
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.2 18.4 27.6



#48
2-Nitroaniline
Concen: 4.340 ng
RT: 13.515 min Scan# 1773
Delta R.T. -0.024 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion: 65 Resp: 3311
Ion Ratio Lower Upper
65 100
92 48.2 55.5 83.3#
138 21.5 85.7 128.5#

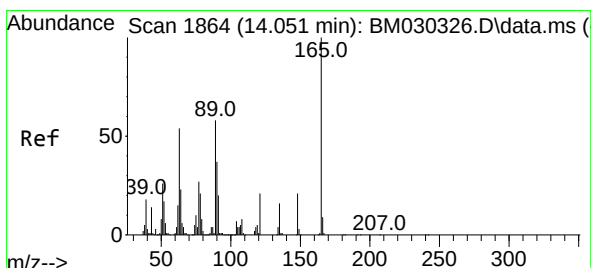
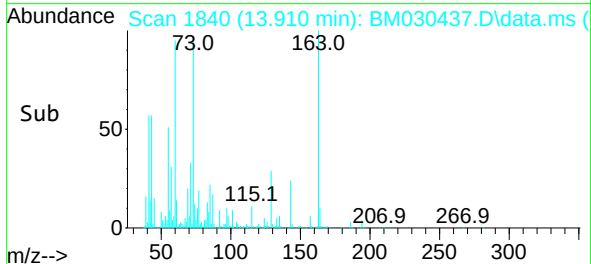
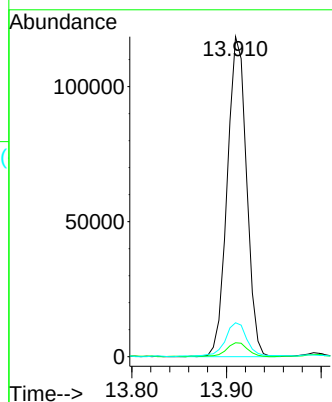
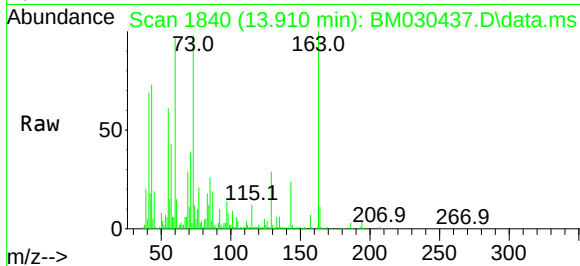




#50
Dimethylphthalate
Concen: 4.409 ng
RT: 13.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

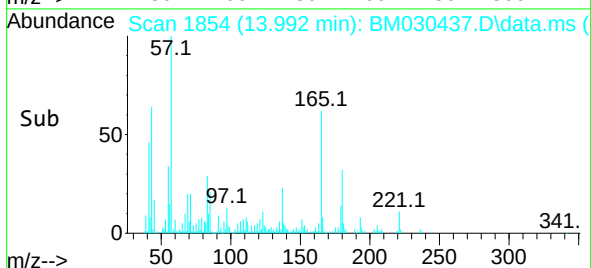
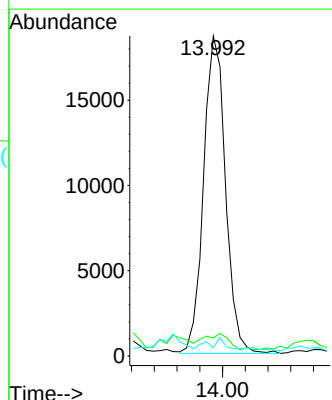
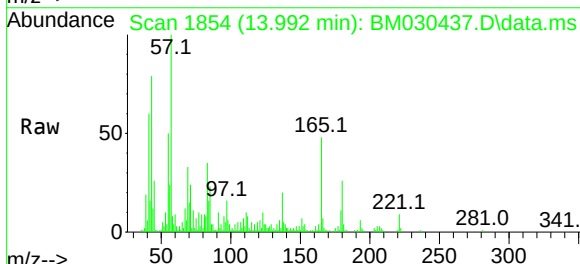
Instrument :
BNA_M
ClientSampleId :
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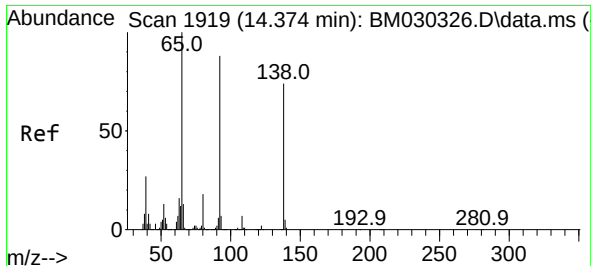
Tgt Ion:163 Resp: 167143
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.6 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 2.980 ng
RT: 13.992 min Scan# 1854
Delta R.T. -0.041 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion:165 Resp: 24909
Ion Ratio Lower Upper
165 100
63 5.6 45.3 67.9#
89 2.7 46.3 69.5#

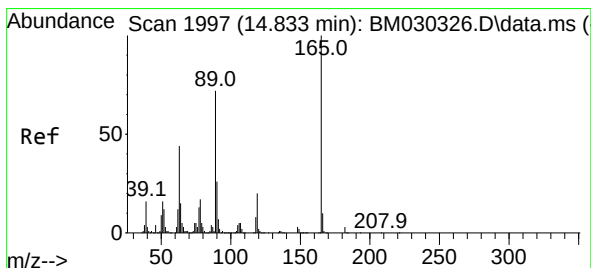
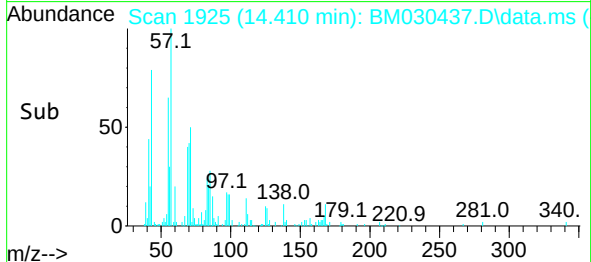
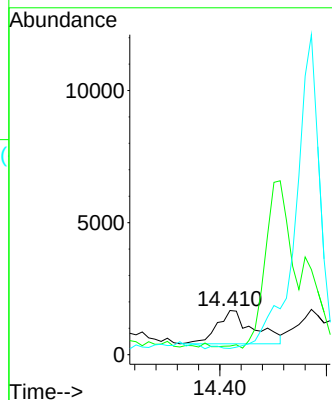
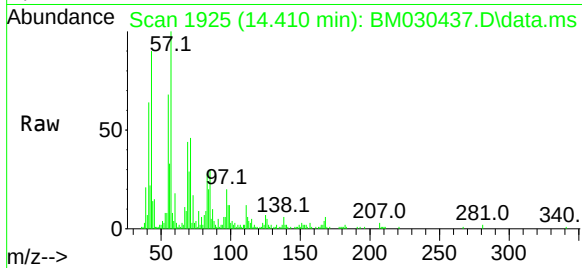




#53
3-Nitroaniline
Concen: 4.259 ng
RT: 14.410 min Scan# 1925
Delta R.T. 0.047 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

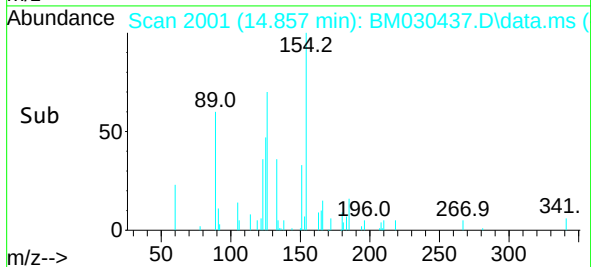
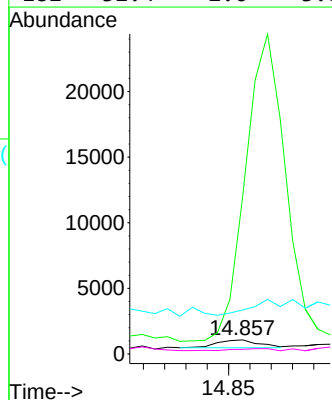
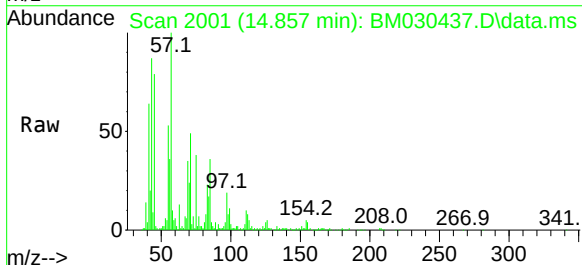
Instrument :
BNA_M
ClientSampleId :
EFF-WW

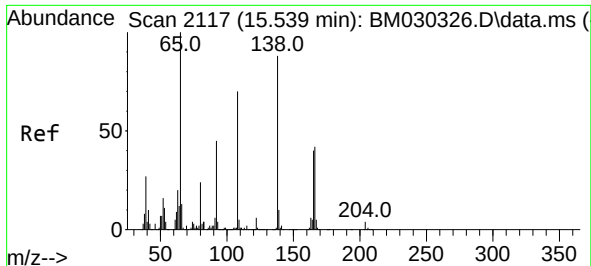
Tgt Ion:138 Resp: 3020
Ion Ratio Lower Upper
138 100
108 19.7 7.7 11.5#
92 14.3 92.6 138.8#



#57
2,4-Dinitrotoluene
Concen: 3.060 ng
RT: 14.857 min Scan# 2001
Delta R.T. 0.035 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion:165 Resp: 817
Ion Ratio Lower Upper
165 100
63 1110.8 35.0 52.4#
89 311.6 55.2 82.8#
182 32.4 2.6 3.8#

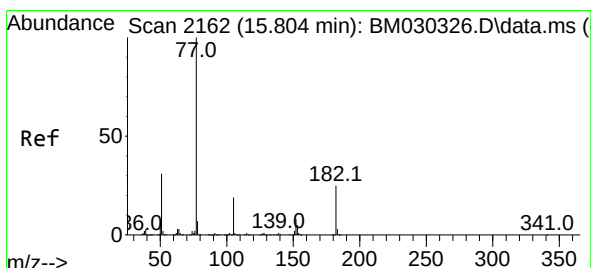
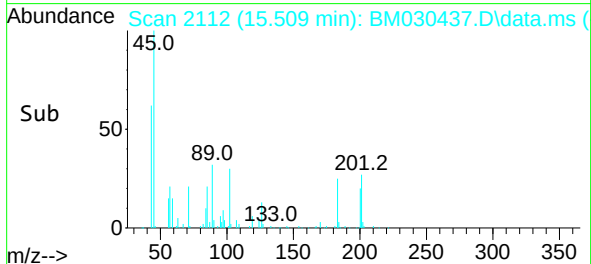
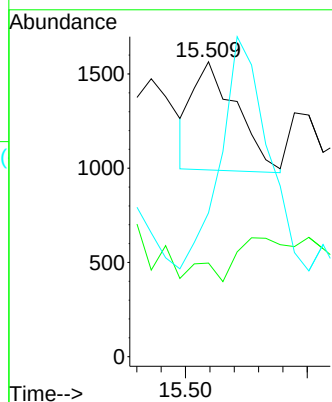
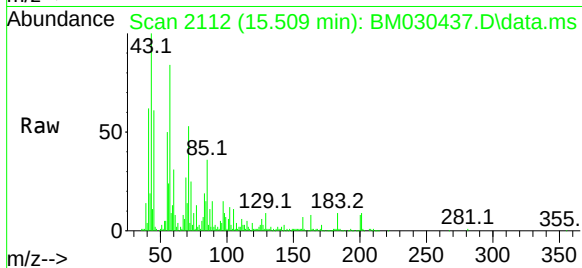




#62
4-Nitroaniline
Concen: 4.679 ng
RT: 15.509 min Scan# 2112
Delta R.T. -0.012 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

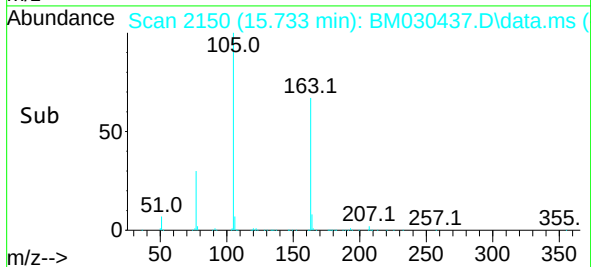
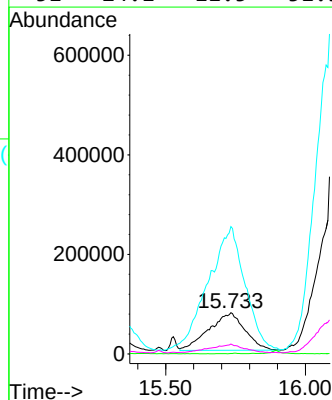
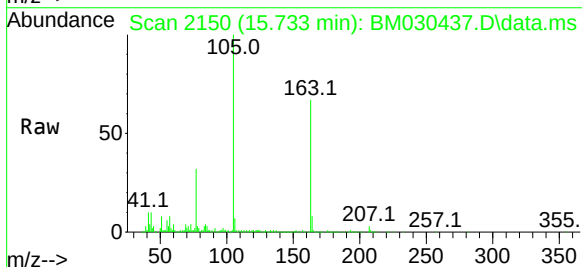
Instrument :
BNA_M
ClientSampleId :
EFF-WW

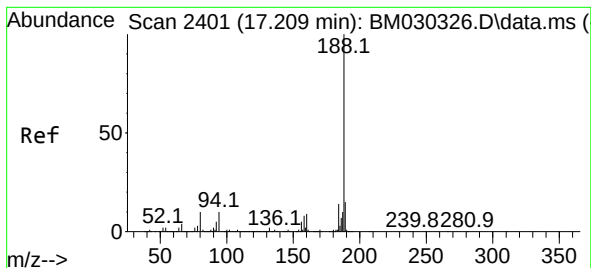
Tgt Ion:138 Resp: 715
Ion Ratio Lower Upper
138 100
92 31.8 33.4 73.4#
108 48.8 75.5 115.5#



#63
Azobenzene
Concen: 17.715 ng
RT: 15.733 min Scan# 2150
Delta R.T. -0.059 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion: 77 Resp: 678122
Ion Ratio Lower Upper
77 100
182 1.1 6.8 46.8#
105 308.8 0.0 36.6#
51 24.1 11.5 51.5

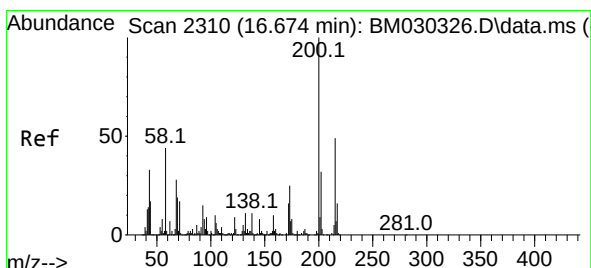
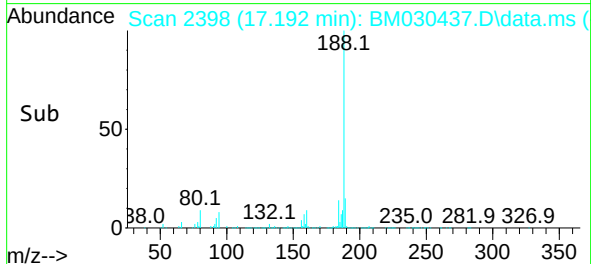
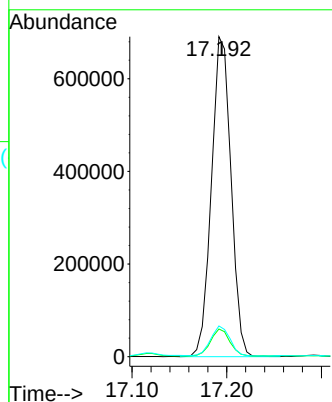
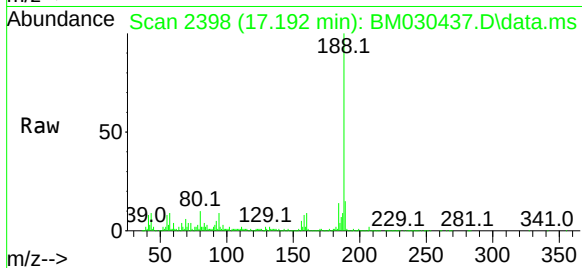




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

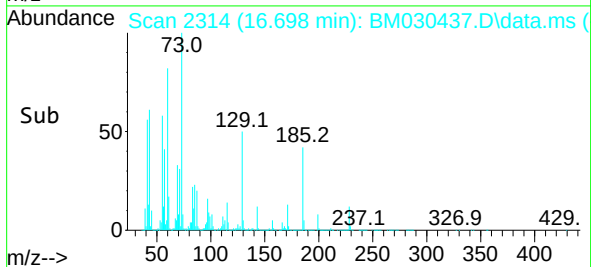
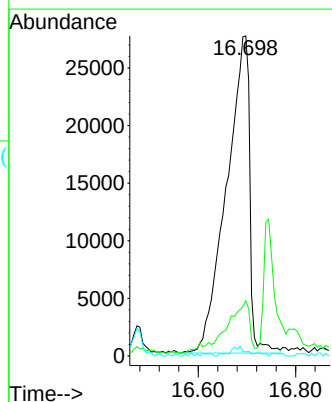
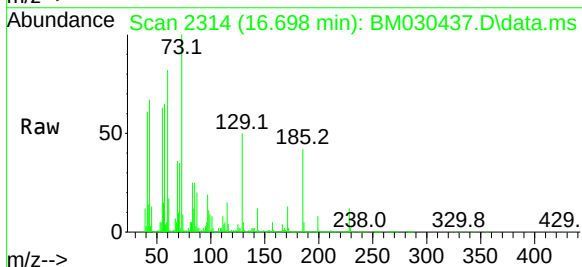
Instrument :
BNA_M
ClientSampleId :
EFF-WW

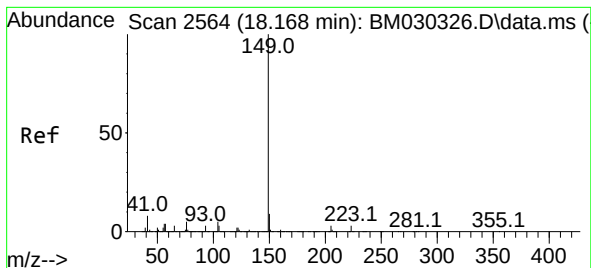
Tgt Ion:188 Resp: 990374
Ion Ratio Lower Upper
188 100
94 8.7 6.0 9.0
80 9.6 6.6 9.8



#69
Atrazine
Concen: 9.804 ng
RT: 16.698 min Scan# 2314
Delta R.T. 0.041 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion:200 Resp: 90431
Ion Ratio Lower Upper
200 100
173 17.3 3.8 43.8
215 1.2 24.8 64.8#





#74

Di-n-butylphthalate

Concen: 2.297 ng

RT: 18.156 min Scan# 2562

Delta R.T. -0.000 min

Lab File: BM030437.D

Acq: 14 Jun 2021 15:19

Tgt Ion:149 Resp: 138198

Ion Ratio Lower Upper

149 100

150 20.0 7.2 10.8#

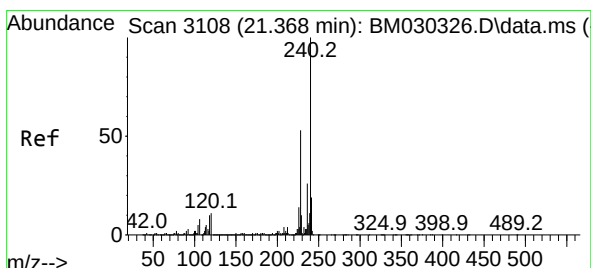
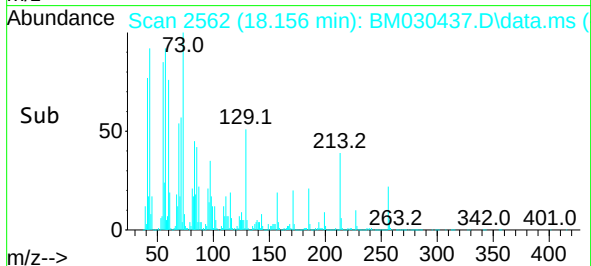
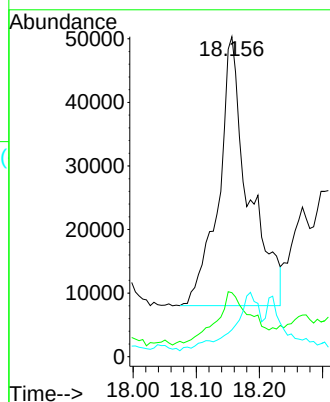
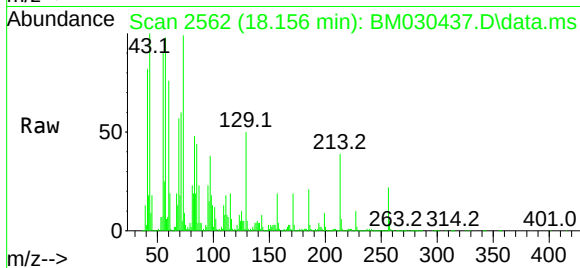
104 8.4 4.3 6.5#

Instrument :

BNA_M

ClientSampleId :

EFF-WW



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.368 min Scan# 3108

Delta R.T. 0.012 min

Lab File: BM030437.D

Acq: 14 Jun 2021 15:19

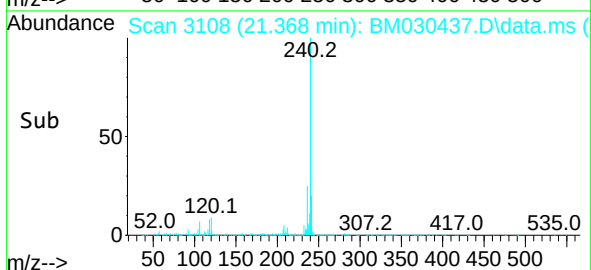
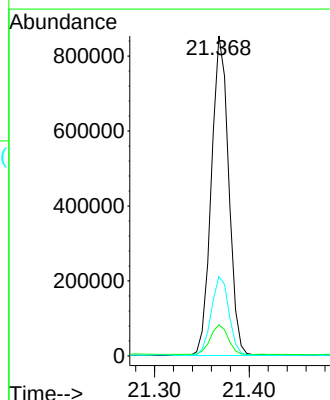
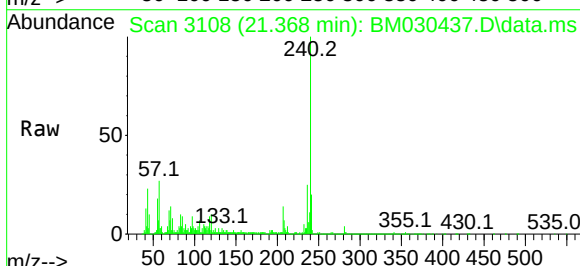
Tgt Ion:240 Resp: 1086027

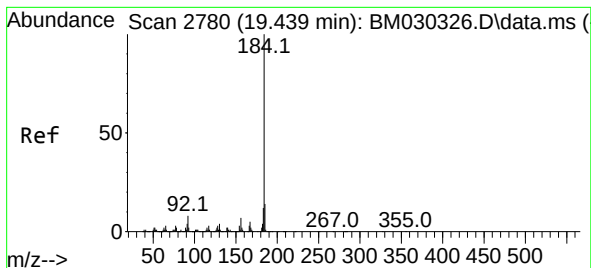
Ion Ratio Lower Upper

240 100

120 9.8 7.0 10.6

236 24.8 21.0 31.4





#77

Benzidine

Concen: 2.202 ng

RT: 19.492 min Scan# 2789

Delta R.T. 0.059 min

Lab File: BM030437.D

Acq: 14 Jun 2021 15:19

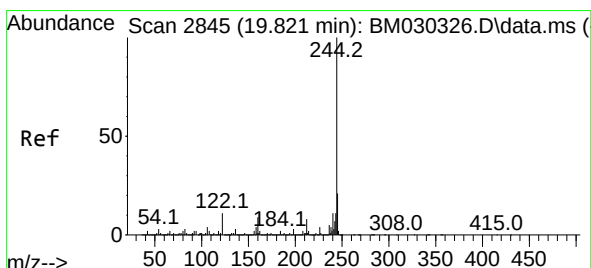
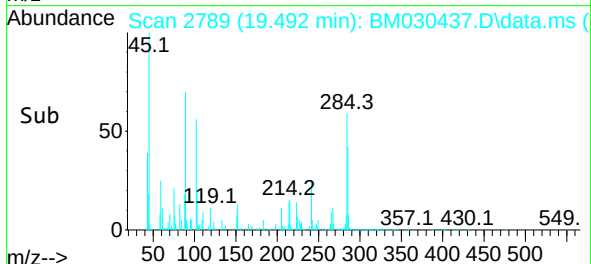
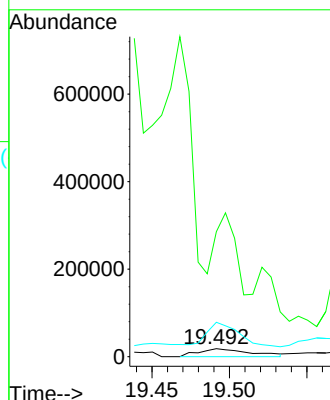
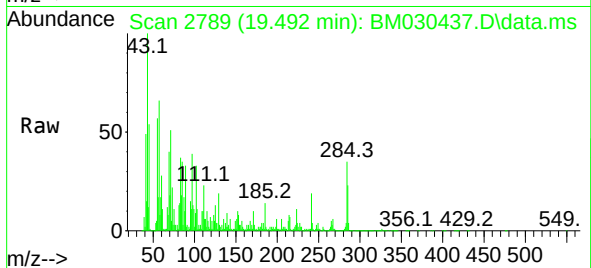
Tgt Ion:184	Resp:	42304
Ion Ratio	Lower	Upper
184	100	
185	1569.0	10.9 16.3#
183	433.0	9.8 14.8#

Instrument :

BNA_M

ClientSampleId :

EFF-WW



#79

Terphenyl-d14

Concen: 96.105 ng

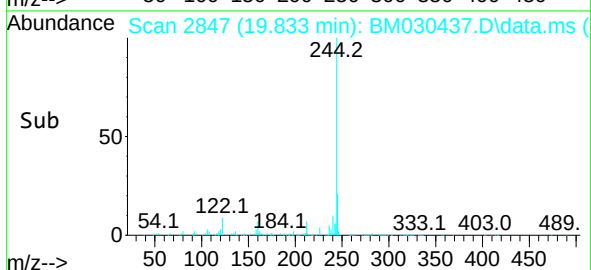
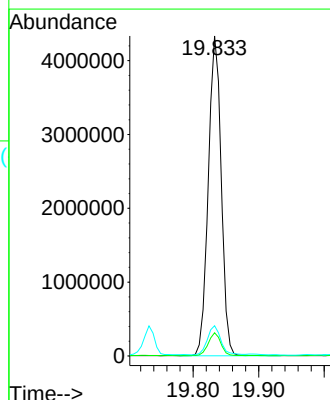
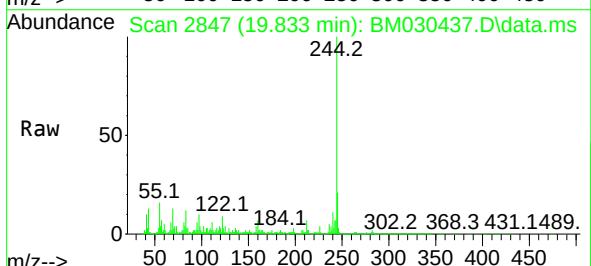
RT: 19.833 min Scan# 2847

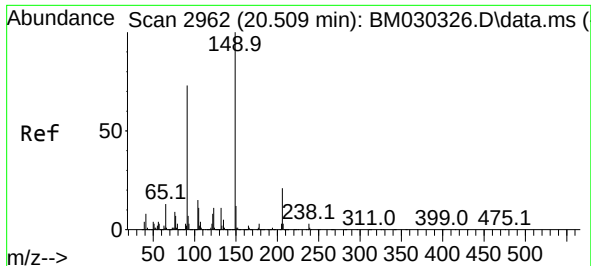
Delta R.T. 0.023 min

Lab File: BM030437.D

Acq: 14 Jun 2021 15:19

Tgt Ion:244	Resp:	5942303
Ion Ratio	Lower	Upper
244	100	
212	7.3	6.3 9.5
122	9.5	6.9 10.3

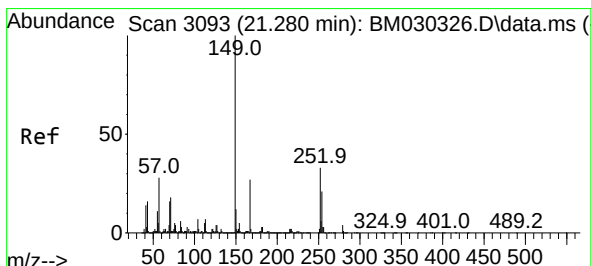
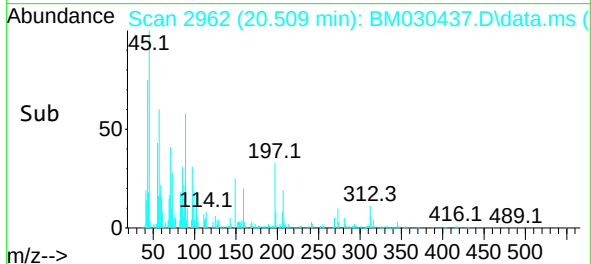
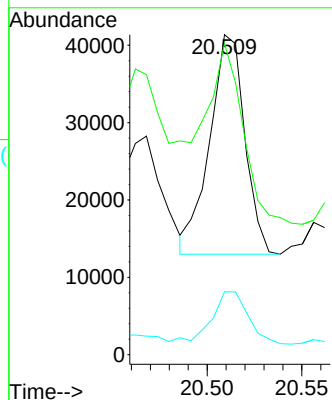
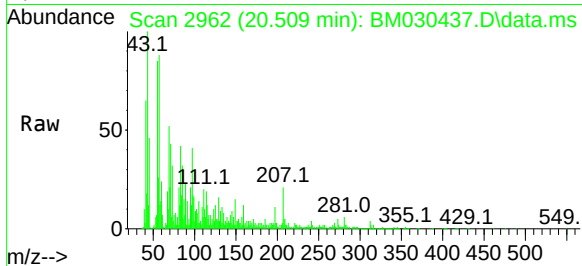




#80
Butylbenzylphthalate
Concen: 5.281 ng
RT: 20.509 min Scan# 2962
Delta R.T. 0.012 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

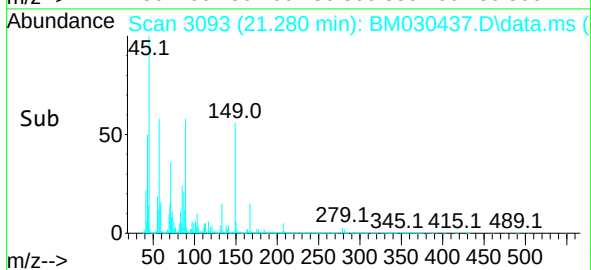
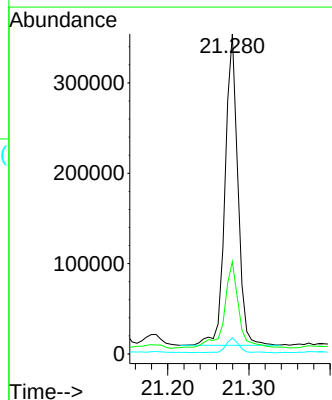
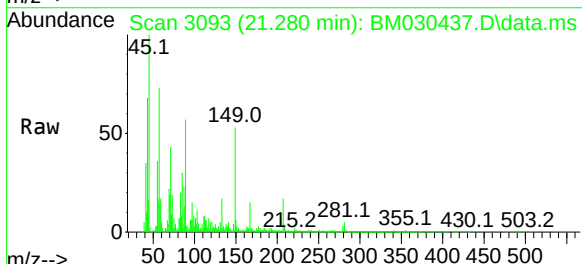
Instrument :
BNA_M
ClientSampleId :
EFF-WW

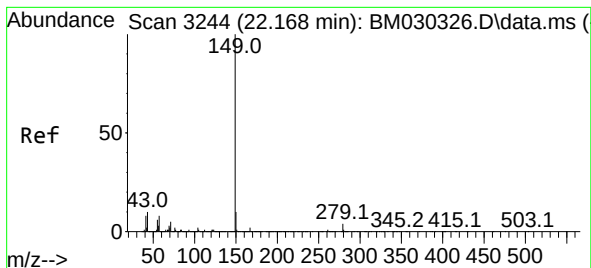
Tgt Ion:149 Resp: 36516
Ion Ratio Lower Upper
149 100
91 97.2 57.4 86.0#
206 19.7 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 11.022 ng
RT: 21.280 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion:149 Resp: 379852
Ion Ratio Lower Upper
149 100
167 28.8 22.6 33.8
279 5.0 3.8 5.8

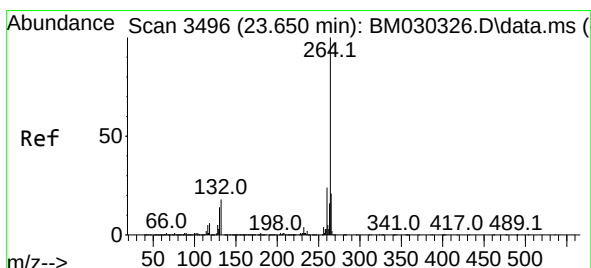
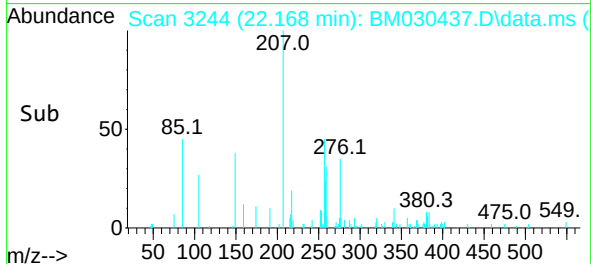
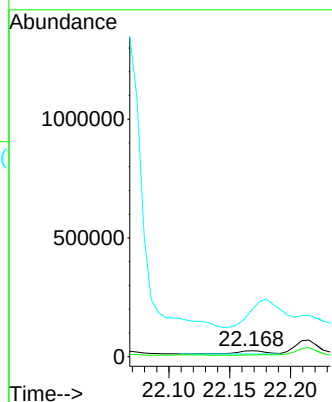
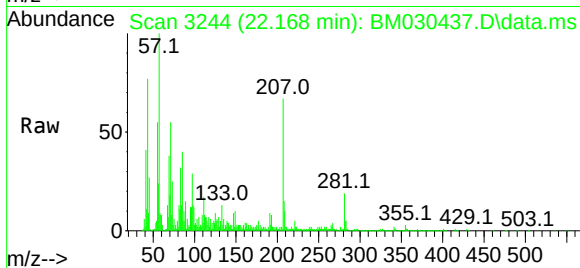




#85
Di-n-octyl phthalate
Concen: 4.417 ng
RT: 22.168 min Scan# 3244
Delta R.T. 0.012 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Instrument :
BNA_M
ClientSampled :
EFF-WW

Tgt Ion:149 Resp: 21765
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 996.7 7.4 11.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.644 min Scan# 3495
Delta R.T. 0.012 min
Lab File: BM030437.D
Acq: 14 Jun 2021 15:19

Tgt Ion:264 Resp: 1122261
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.8
265 22.6 17.7 26.5

