

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029253.D
 Acq On : 29 Mar 2021 20:32
 Operator : CG/JU
 Sample : M1770-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-102D

Quant Time: Mar 30 05:15:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

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

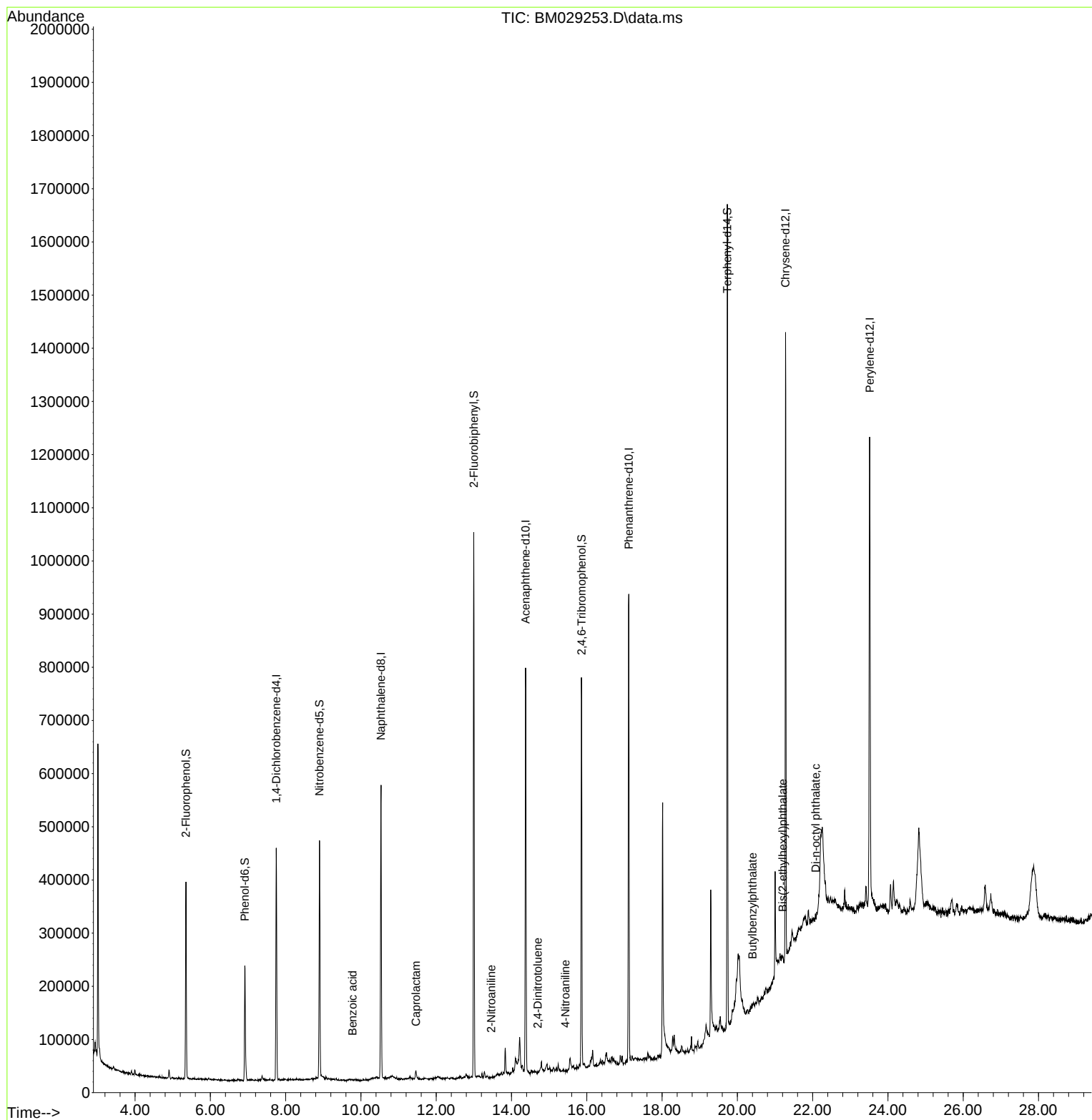
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	106249	20.00	ng	0.00
21) Naphthalene-d8	10.533	136	420419	20.00	ng	0.00
39) Acenaphthene-d10	14.374	164	239245	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	489244	20.00	ng	0.00
76) Chrysene-d12	21.280	240	513753	20.00	ng	0.00
86) Perylene-d12	23.515	264	563096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	136063	22.07	ng	0.00
7) Phenol-d6	6.916	99	110436	12.49	ng	0.00
23) Nitrobenzene-d5	8.898	82	250241	28.90	ng	0.00
42) 2,4,6-Tribromophenol	15.862	330	103605	46.76	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	481531	28.55	ng	0.00
79) Terphenyl-d14	19.733	244	609039	23.82	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	9.780	122	55	4.48	ng	# 58
35) Caprolactam	11.463	113	3681	6.47	ng	# 71
48) 2-Nitroaniline	13.463	65	181	3.31	ng	# 9
57) 2,4-Dinitrotoluene	14.698	165	171	3.20	ng	# 33
62) 4-Nitroaniline	15.433	138	118	3.61	ng	# 19
80) Butylbenzylphthalate	20.403	149	493	3.61	ng	# 22
84) Bis(2-ethylhexyl)phtha...	21.209	149	3877	3.75	ng	93
85) Di-n-octyl phthalate	22.086	149	1386	4.10	ng	# 64

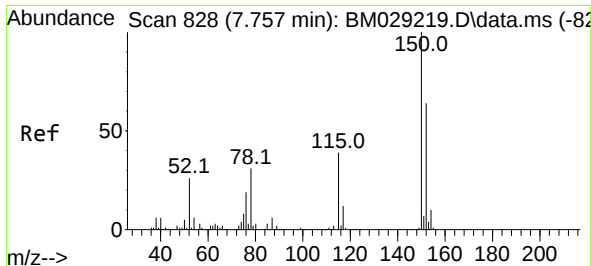
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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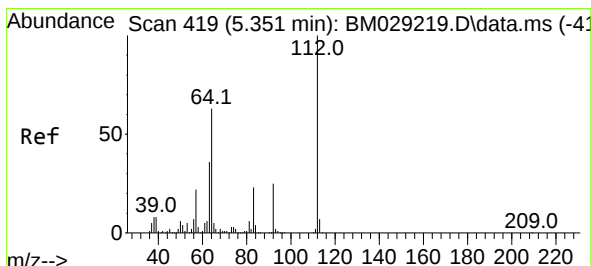
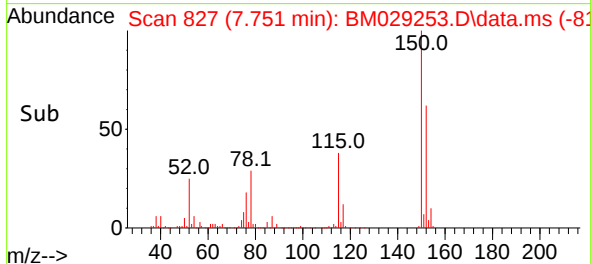
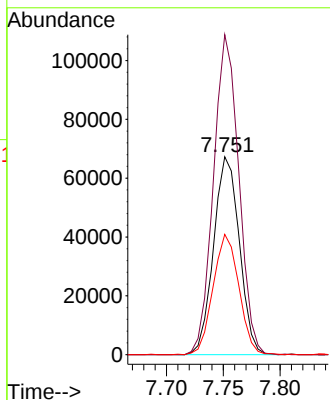
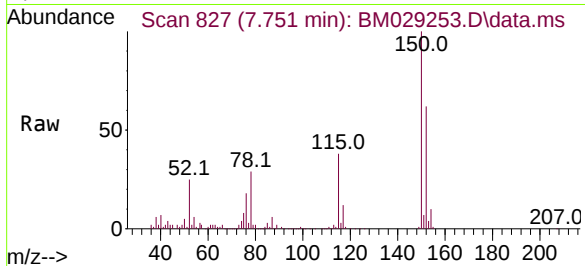




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.751 min Scan# 827
Delta R.T. -0.001 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

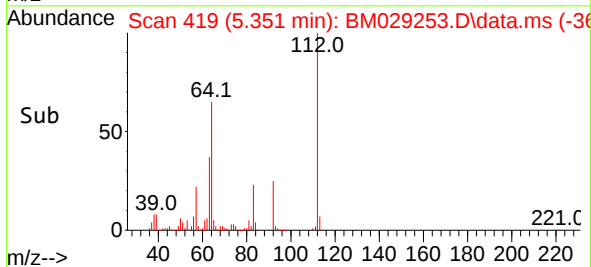
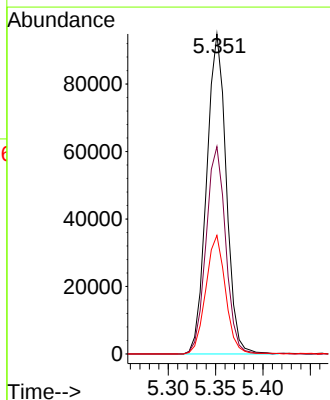
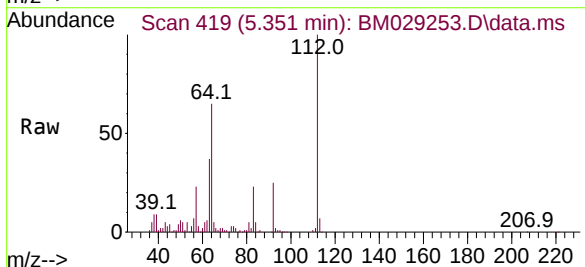
Instrument :
BNA_M
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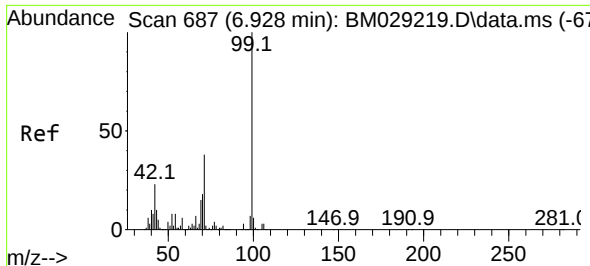
Tgt Ion:152 Resp: 106249
Ion Ratio Lower Upper
152 100
150 161.6 124.3 186.5
115 60.8 46.4 69.6



#5
2-Fluorophenol
Concen: 22.07 ng
RT: 5.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Tgt Ion:112 Resp: 136063
Ion Ratio Lower Upper
112 100
64 64.8 51.6 77.4
63 37.1 29.0 43.4

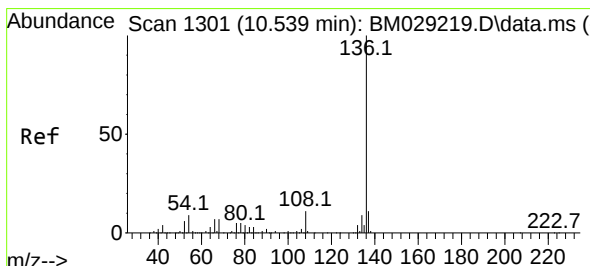
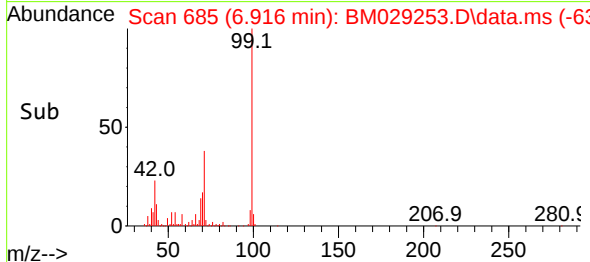
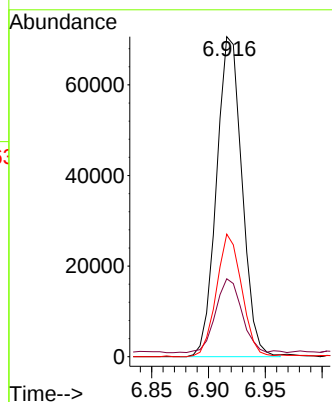
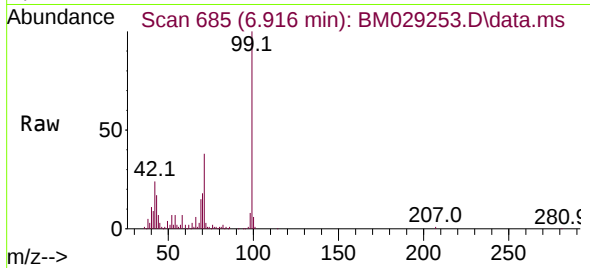




#7
Phenol-d6
Concen: 12.49 ng
RT: 6.916 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

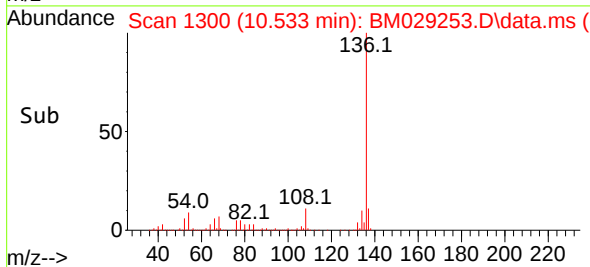
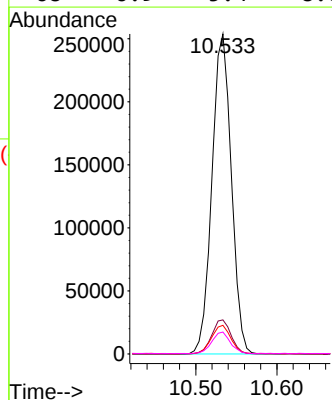
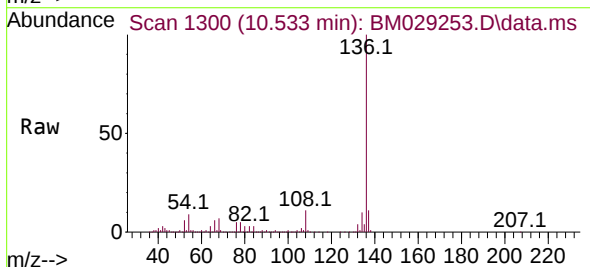
Instrument :
BNA_M
ClientSampleId :
MW-102D

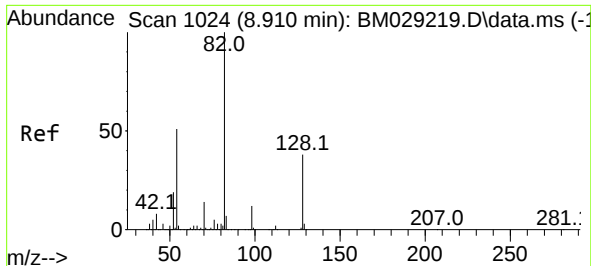
Tgt Ion: 99 Resp: 110436
Ion Ratio Lower Upper
99 100
42 24.4 18.5 27.7
71 38.3 31.8 47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.533 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Tgt Ion: 136 Resp: 420419
Ion Ratio Lower Upper
136 100
137 10.7 9.3 13.9
54 9.0 6.9 10.3
68 6.9 5.4 8.0

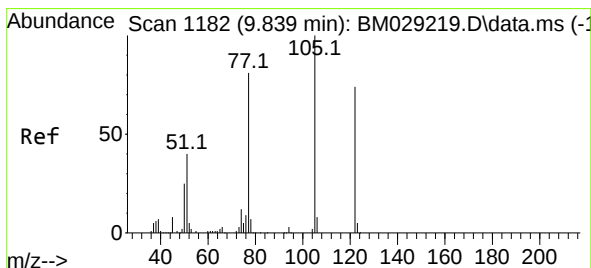
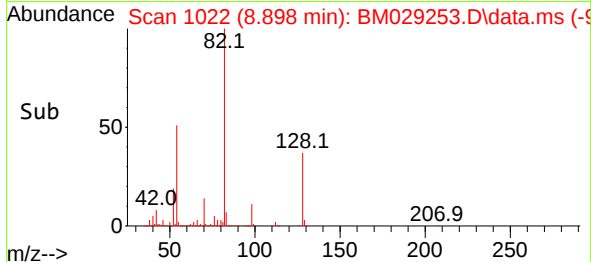
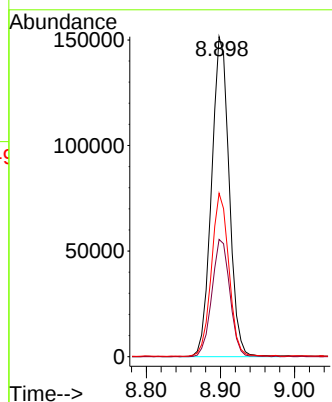
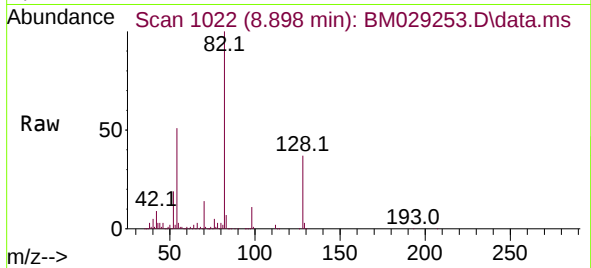




#23
Nitrobenzene-d5
Concen: 28.90 ng
RT: 8.898 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

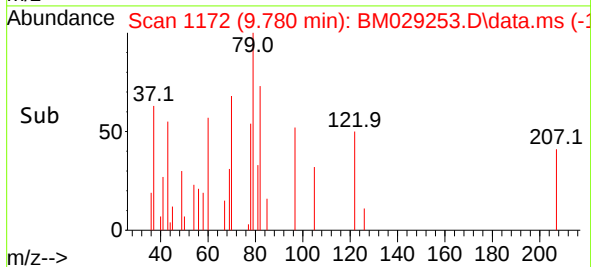
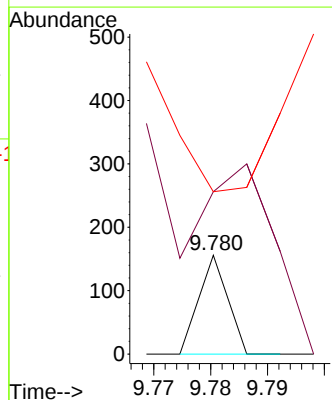
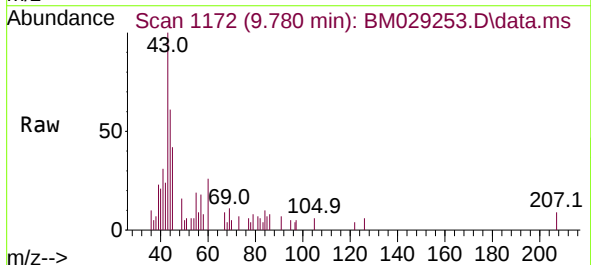
Instrument :
BNA_M
ClientSampleId :
MW-102D

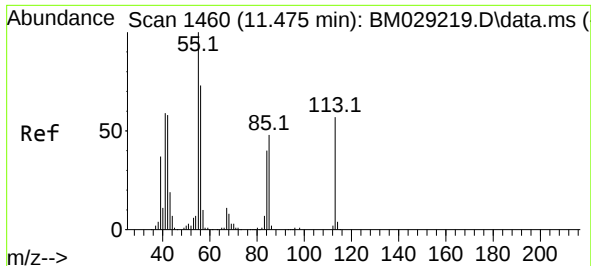
Tgt Ion: 82 Resp: 250241
Ion Ratio Lower Upper
82 100
128 36.6 28.6 42.8
54 51.1 40.7 61.1



#32
Benzoic acid
Concen: 4.48 ng
RT: 9.780 min Scan# 1172
Delta R.T. -0.047 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 164.1 108.2 148.2#
77 164.1 86.0 126.0#

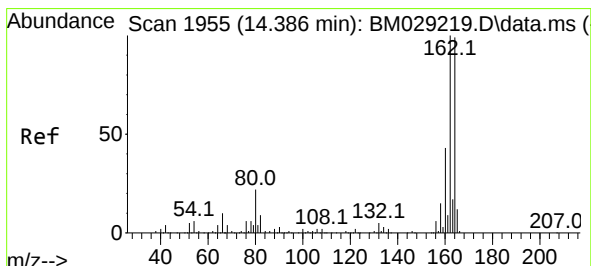
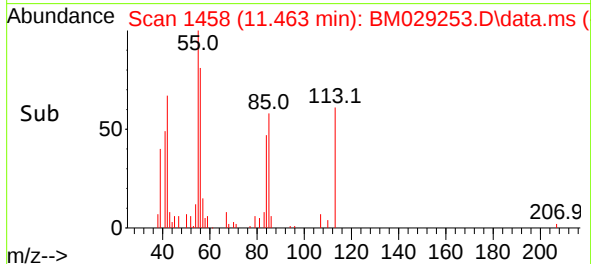
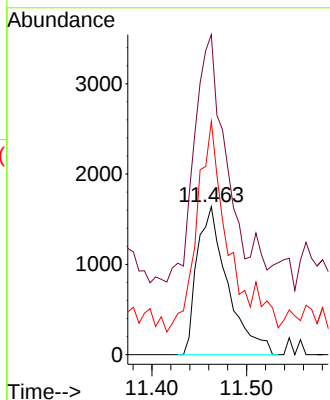
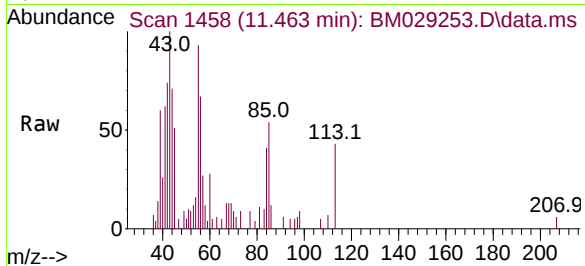




#35
Caprolactam
Concen: 6.47 ng
RT: 11.463 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

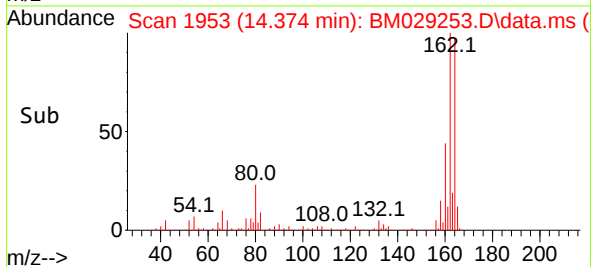
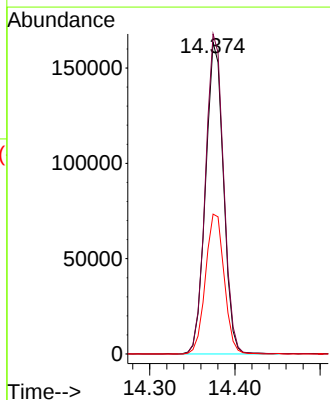
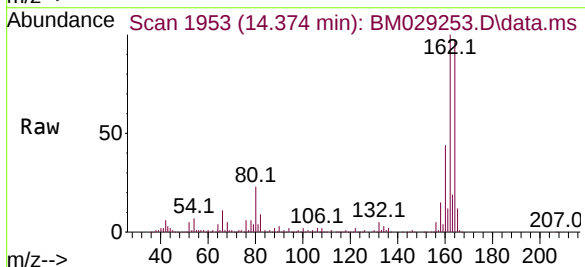
Instrument :
BNA_M
ClientSampled :
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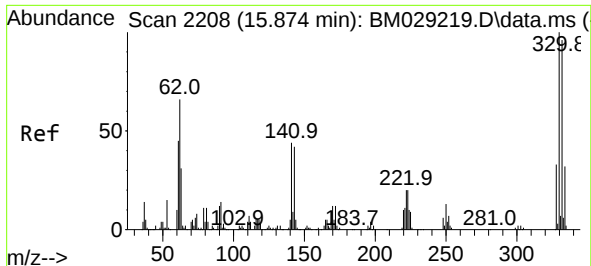
Tgt Ion:113 Resp: 3681
Ion Ratio Lower Upper
113 100
55 216.3 149.4 189.4#
56 157.6 110.8 150.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.374 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Tgt Ion:164 Resp: 239245
Ion Ratio Lower Upper
164 100
162 102.7 84.4 126.6
160 44.9 36.6 54.8

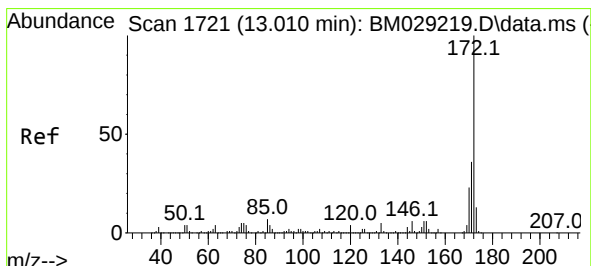
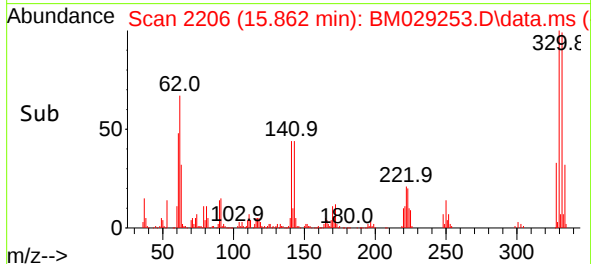
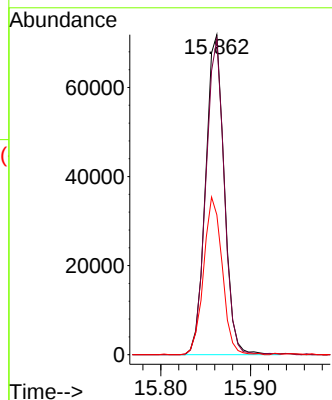
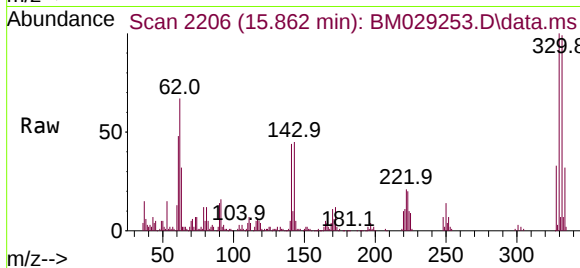




#42
2,4,6-Tribromophenol
Concen: 46.76 ng
RT: 15.862 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

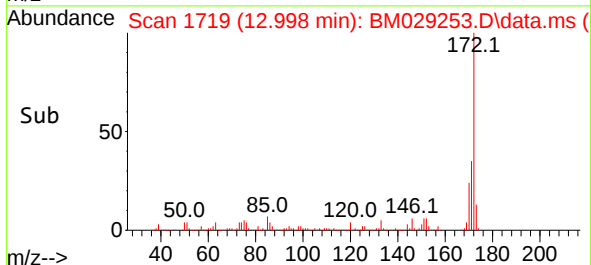
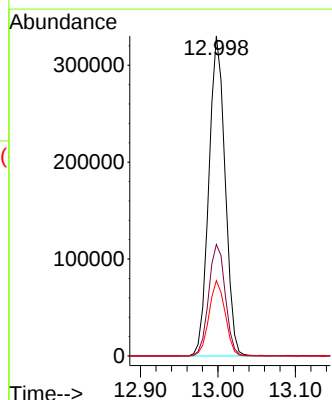
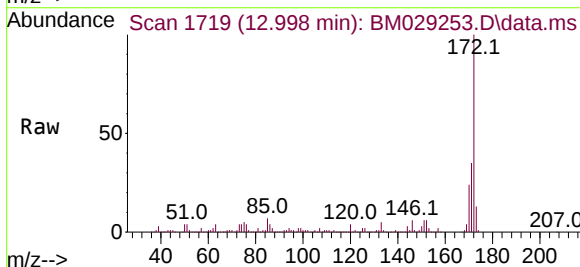
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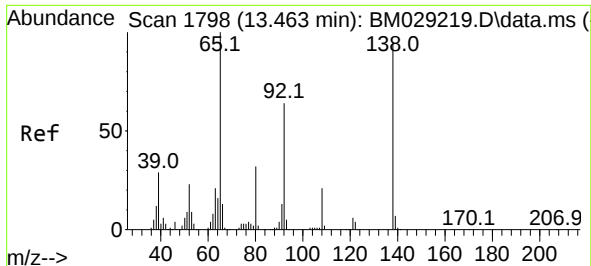
Tgt Ion:330 Resp: 103605
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 49.2 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 28.55 ng
RT: 12.998 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Tgt Ion:172 Resp: 481531
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.6 18.8 28.2

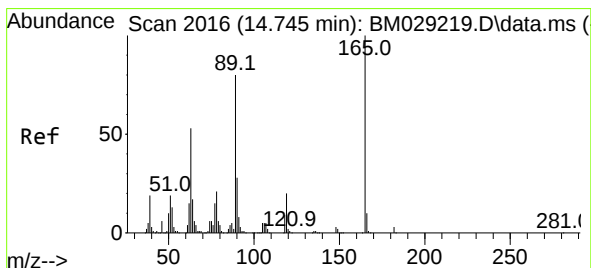
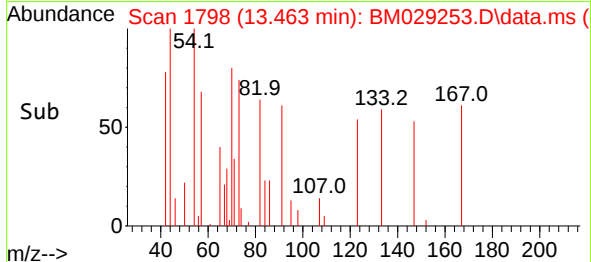
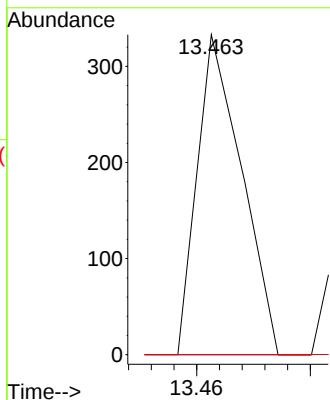
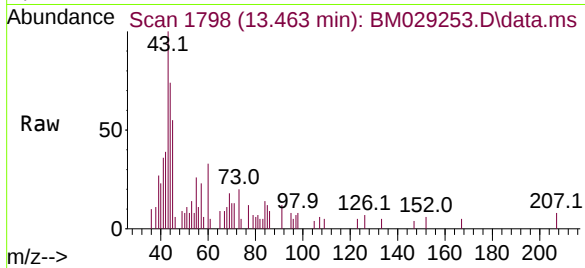




#48
2-Nitroaniline
Concen: 3.31 ng
RT: 13.463 min Scan# 1798
Delta R.T. 0.011 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

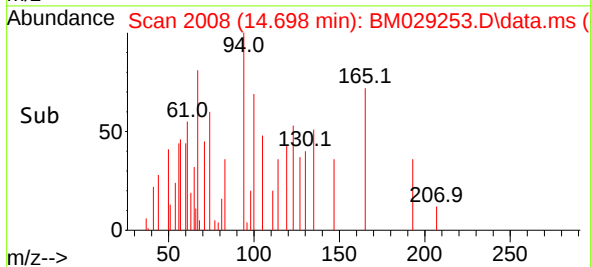
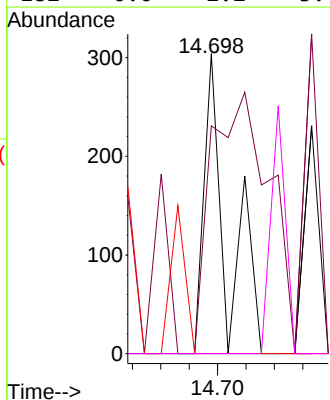
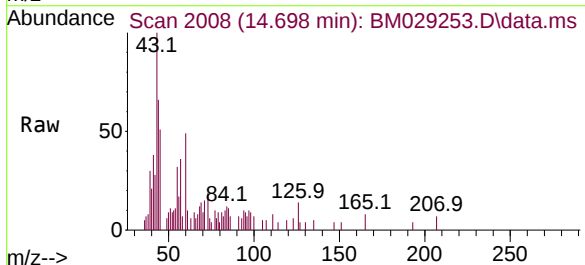
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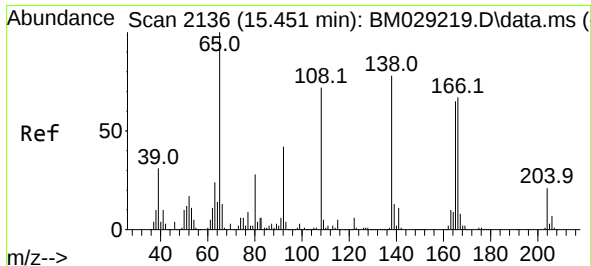
Tgt Ion:	65	Resp:	181
Ion	Ratio	Lower	Upper
65	100		
92	0.0	52.4	78.6#
138	0.0	75.0	112.6#



#57
2,4-Dinitrotoluene
Concen: 3.20 ng
RT: 14.698 min Scan# 2008
Delta R.T. -0.042 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Tgt Ion:	165	Resp:	171
Ion	Ratio	Lower	Upper
165	100		
63	76.0	42.2	63.4#
89	0.0	65.6	98.4#
182	0.0	2.2	3.4#

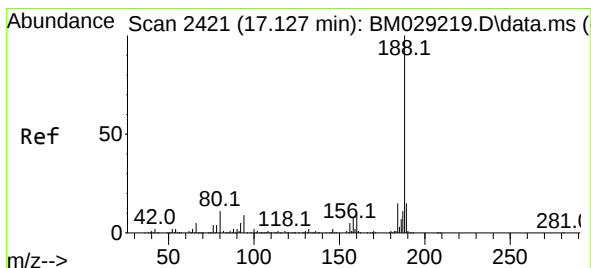
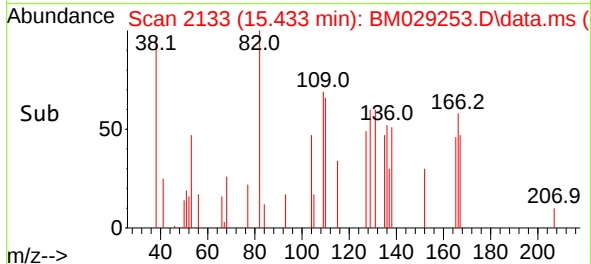
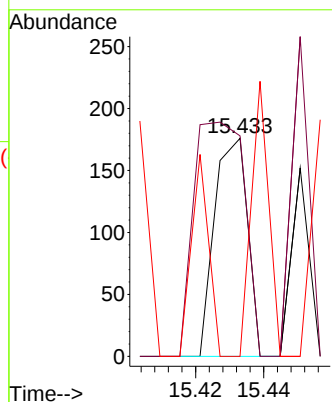
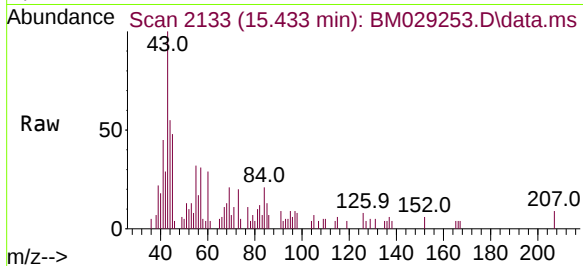




#62
4-Nitroaniline
Concen: 3.61 ng
RT: 15.433 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

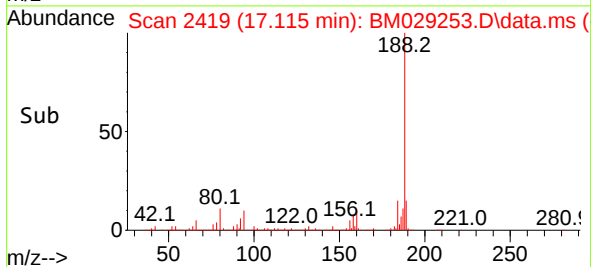
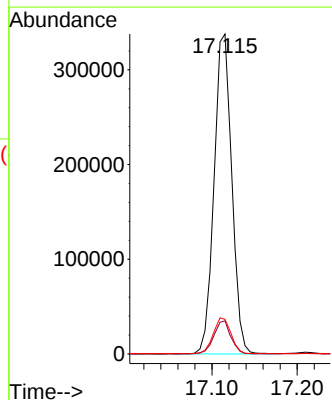
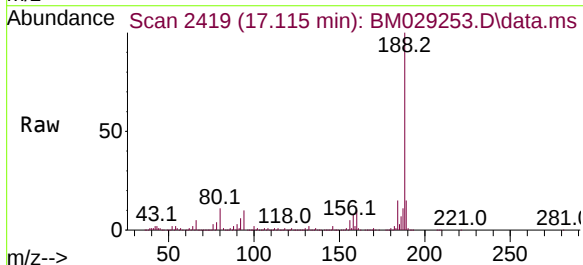
Instrument :
BNA_M
ClientSampled :
MW-102D

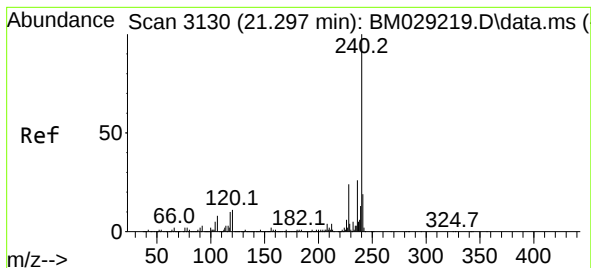
Tgt Ion:138 Resp: 118
Ion Ratio Lower Upper
138 100
92 101.1 38.2 78.2#
108 0.0 71.7 111.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Tgt Ion:188 Resp: 489244
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 10.8 9.2 13.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.280 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM029253.D

Acq: 29 Mar 2021 20:32

Instrument :

BNA_M

ClientSampleId :

MW-102D

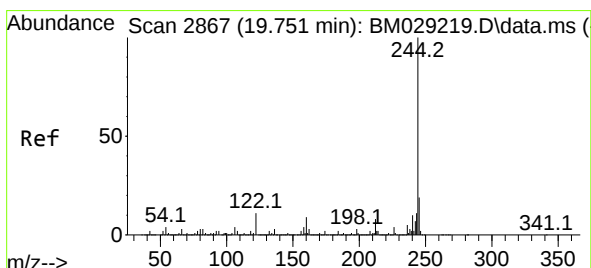
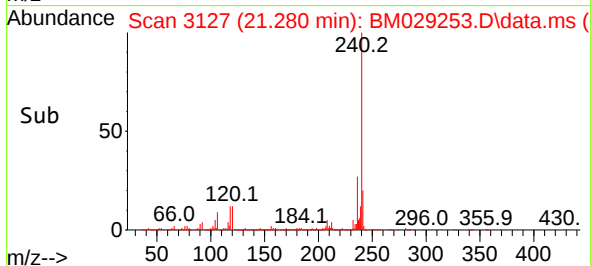
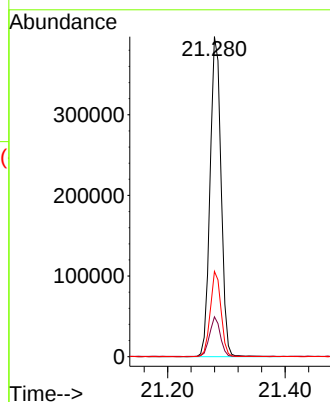
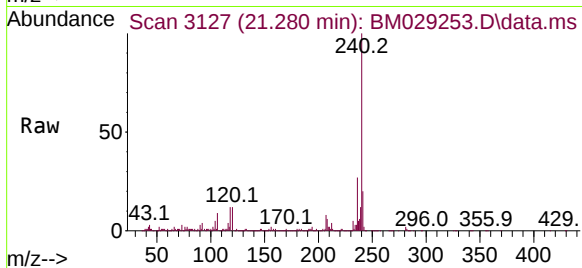
Tgt Ion:240 Resp: 513753

Ion Ratio Lower Upper

240 100

120 12.5 9.0 13.6

236 26.7 20.3 30.5



#79

Terphenyl-d14

Concen: 23.82 ng

RT: 19.733 min Scan# 2864

Delta R.T. -0.006 min

Lab File: BM029253.D

Acq: 29 Mar 2021 20:32

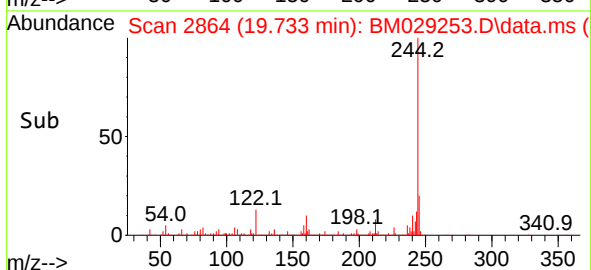
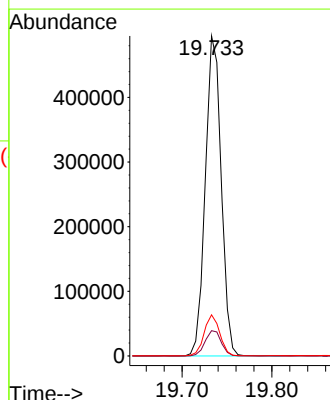
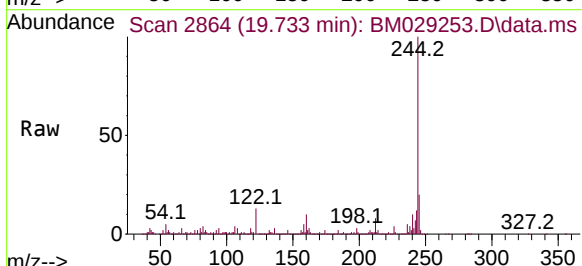
Tgt Ion:244 Resp: 609039

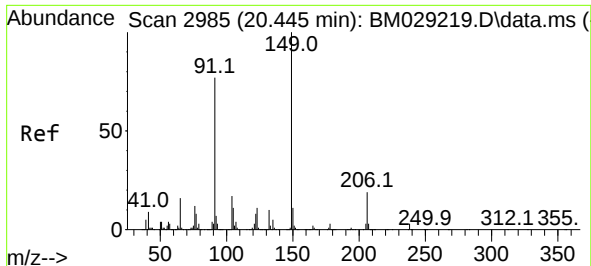
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 12.9 9.2 13.8

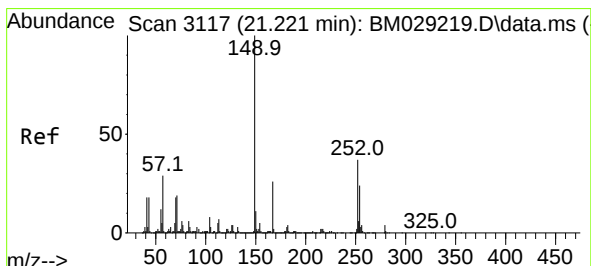
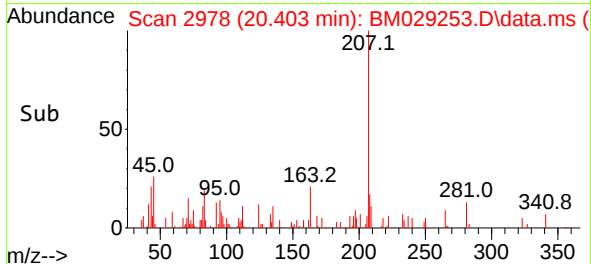
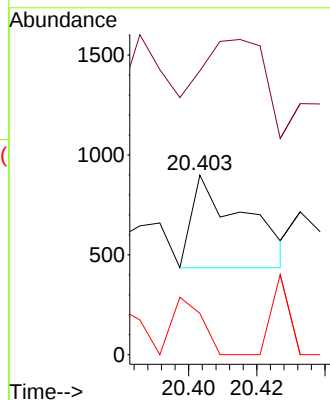
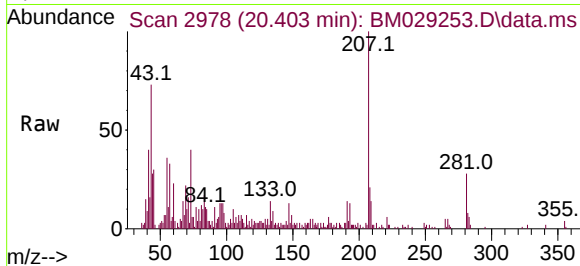




#80
Butylbenzylphthalate
Concen: 3.61 ng
RT: 20.403 min Scan# 2978
Delta R.T. -0.030 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

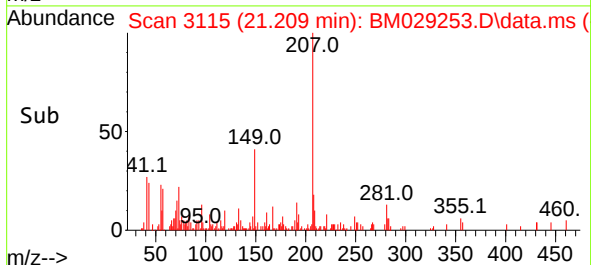
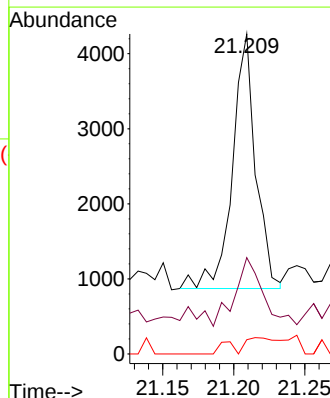
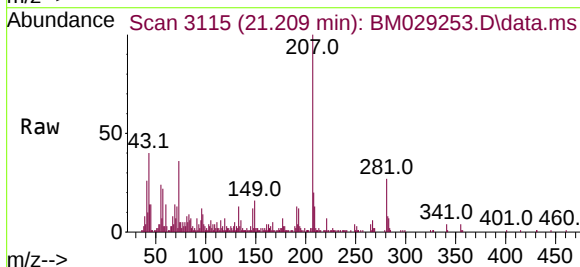
Instrument :
BNA_M
ClientSampled :
MW-102D

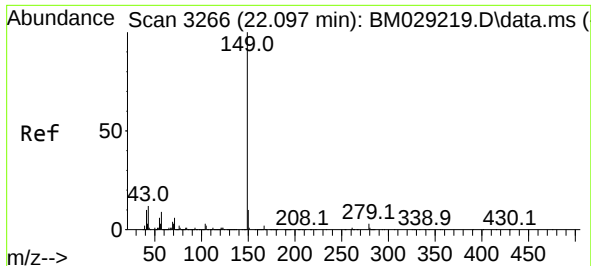
Tgt Ion:149 Resp: 493
Ion Ratio Lower Upper
149 100
91 158.1 60.5 90.7#
206 23.0 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.75 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Tgt Ion:149 Resp: 3877
Ion Ratio Lower Upper
149 100
167 30.1 20.6 31.0
279 4.5 3.3 4.9

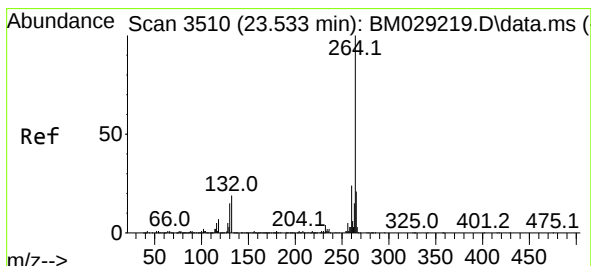
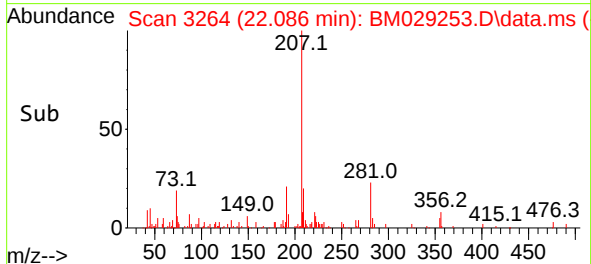
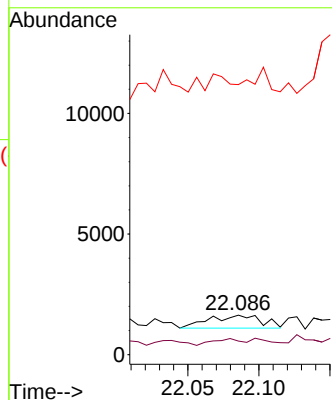
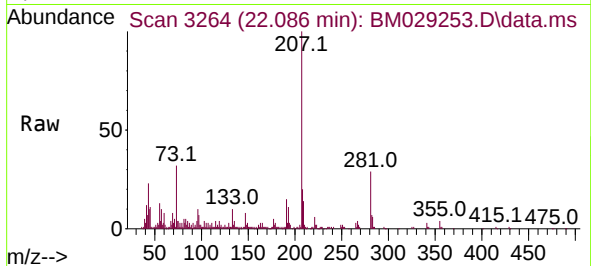




#85
Di-n-octyl phthalate
Concen: 4.10 ng
RT: 22.086 min Scan# 3264
Delta R.T. -0.000 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Instrument :
BNA_M
ClientSampleId :
MW-102D

Tgt Ion:149 Resp: 1386
Ion Ratio Lower Upper
149 100
167 28.1 1.3 1.9#
43 0.0 9.8 14.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.515 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM029253.D
Acq: 29 Mar 2021 20:32

Tgt Ion:264 Resp: 563096
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.7 17.8 26.8

