

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029254.D
 Acq On : 29 Mar 2021 21:08
 Operator : CG/JU
 Sample : M1770-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-101D

Quant Time: Mar 30 05:15:31 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)

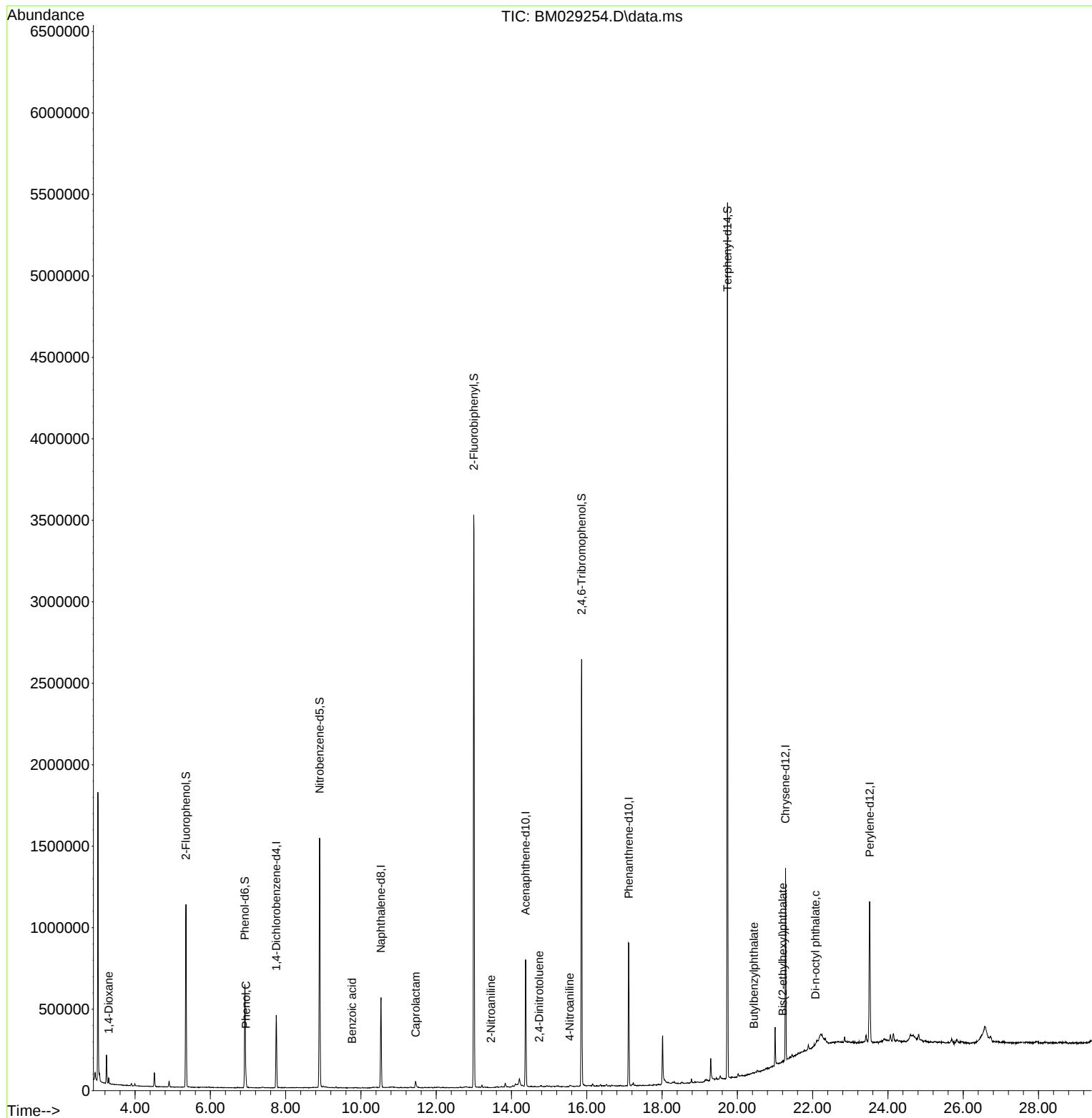
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	107678	20.00	ng	0.00
21) Naphthalene-d8	10.533	136	426812	20.00	ng	0.00
39) Acenaphthene-d10	14.374	164	245275	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	482362	20.00	ng	0.00
76) Chrysene-d12	21.280	240	488602	20.00	ng	0.00
86) Perylene-d12	23.515	264	537039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	409014	65.48	ng	0.00
7) Phenol-d6	6.916	99	320064	35.70	ng	0.00
23) Nitrobenzene-d5	8.904	82	859890	97.82	ng	0.00
42) 2,4,6-Tribromophenol	15.862	330	354360	156.01	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1689703	97.72	ng	0.00
79) Terphenyl-d14	19.739	244	2127160	87.46	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	14948	5.26	ng	# 79
10) Phenol	6.945	94	31815	3.59	ng	97
32) Benzoic acid	9.769	122	56	4.48	ng	# 1
35) Caprolactam	11.457	113	7374	8.03	ng	95
48) 2-Nitroaniline	13.457	65	135	3.30	ng	# 9
57) 2,4-Dinitrotoluene	14.739	165	54	3.18	ng	# 17
62) 4-Nitroaniline	15.551	138	58	3.59	ng	# 10
80) Butylbenzylphthalate	20.439	149	115	3.59	ng	# 29
84) Bis(2-ethylhexyl)phtha...	21.209	149	3464	3.74	ng	# 92
85) Di-n-octyl phthalate	22.080	149	1657	4.11	ng	# 71

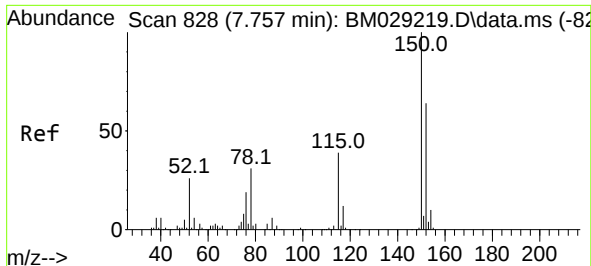
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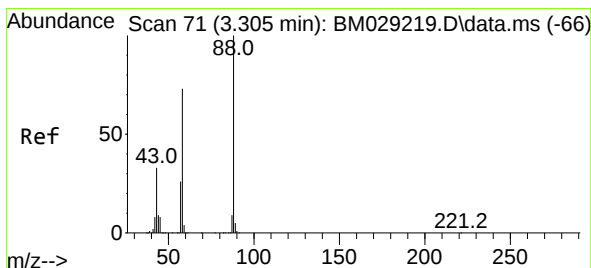
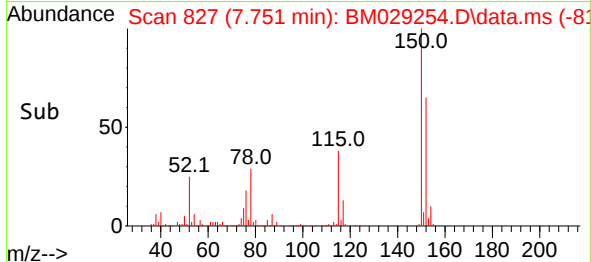
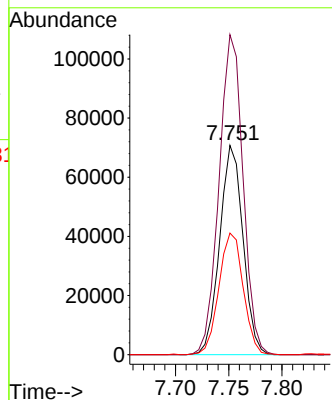
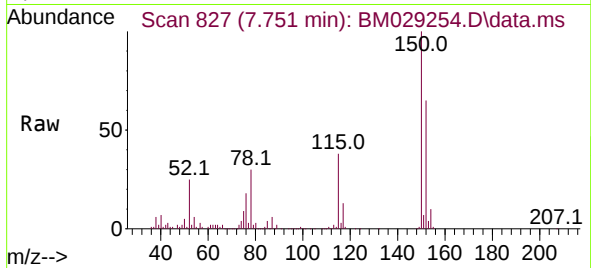




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.751 min Scan# 827
Delta R.T. -0.001 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

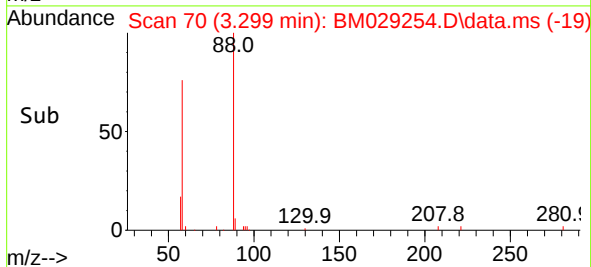
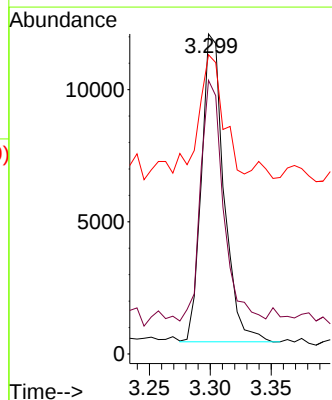
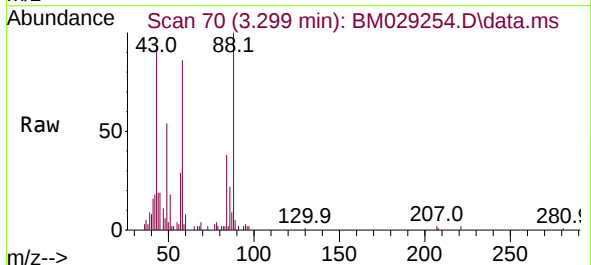
Instrument :
BNA_M
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MW-101D

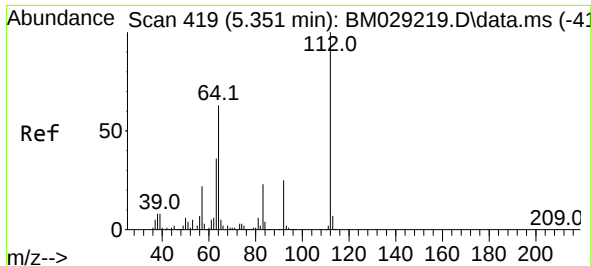
Tgt Ion:152 Resp: 107678
Ion Ratio Lower Upper
152 100
150 152.9 124.3 186.5
115 58.1 46.4 69.6



#2
1,4-Dioxane
Concen: 5.26 ng
RT: 3.299 min Scan# 70
Delta R.T. -0.000 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion: 88 Resp: 14948
Ion Ratio Lower Upper
88 100
58 78.9 59.9 89.9
43 0.0 26.2 39.4#

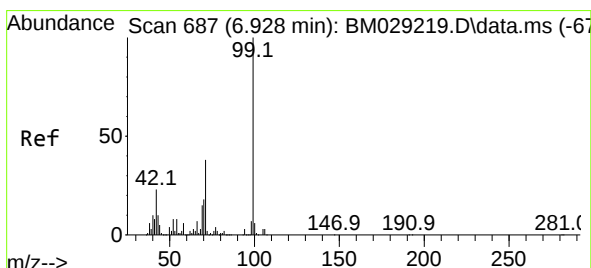
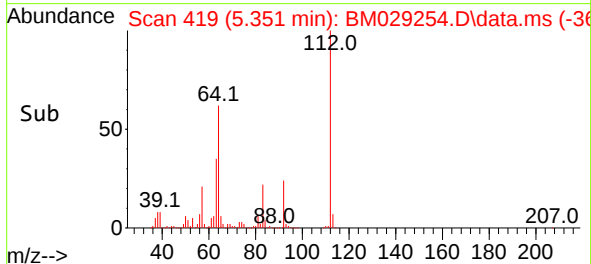
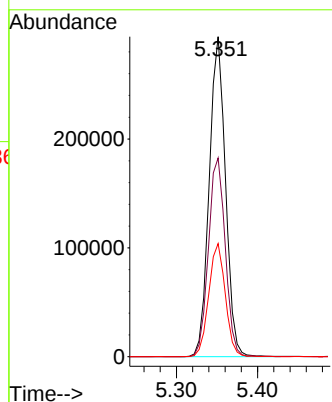
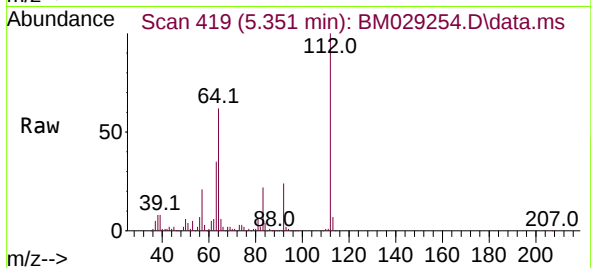




#5
2-Fluorophenol
Concen: 65.48 ng
RT: 5.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

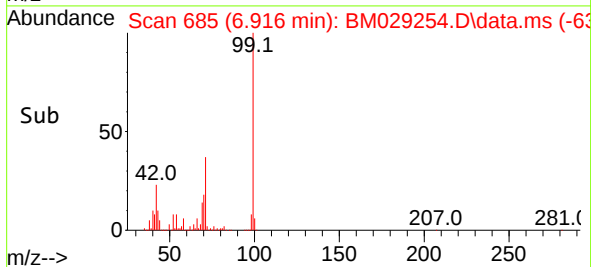
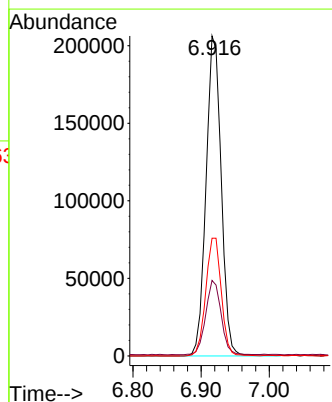
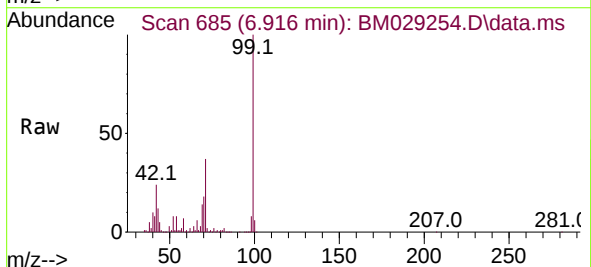
Instrument :
BNA_M
ClientSampleId :
MW-101D

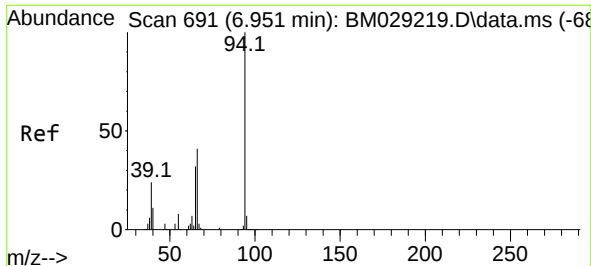
Tgt Ion:	112	Resp:	409014
Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.6	77.4
63	35.3	29.0	43.4



#7
Phenol-d6
Concen: 35.70 ng
RT: 6.916 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion:	99	Resp:	320064
Ion	Ratio	Lower	Upper
99	100		
42	23.6	18.5	27.7
71	36.8	31.8	47.6

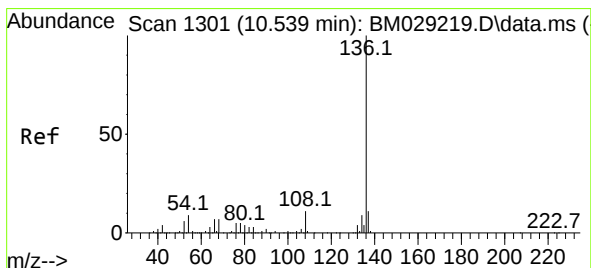
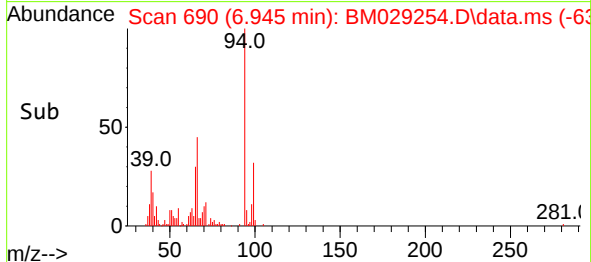
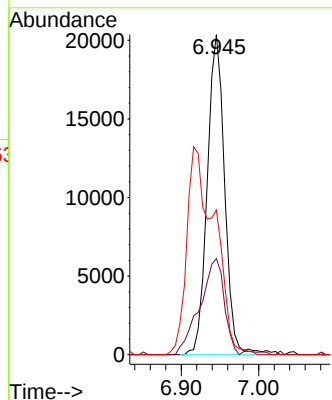
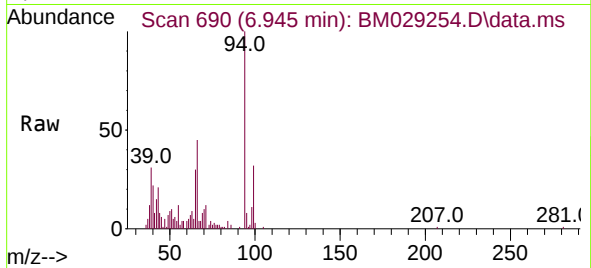




#10
Phenol
Concen: 3.59 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.000 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

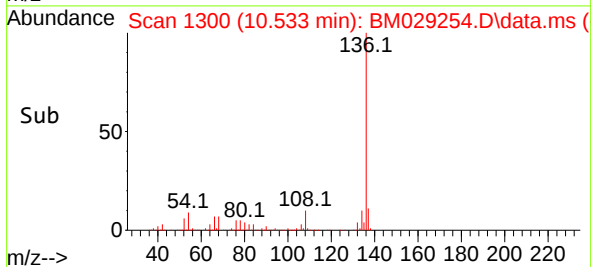
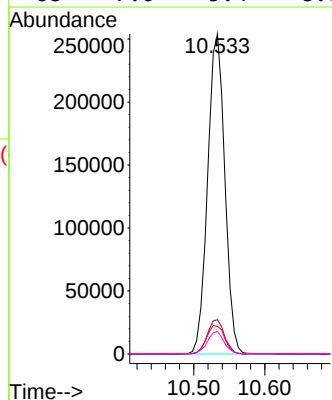
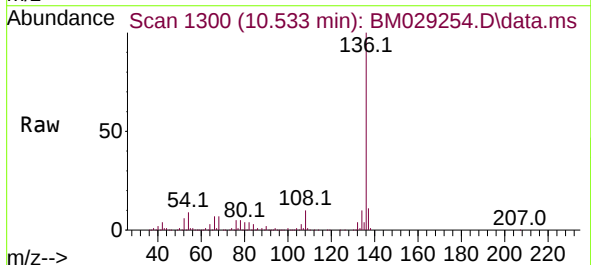
Instrument :
BNA_M
ClientSampleId :
MW-101D

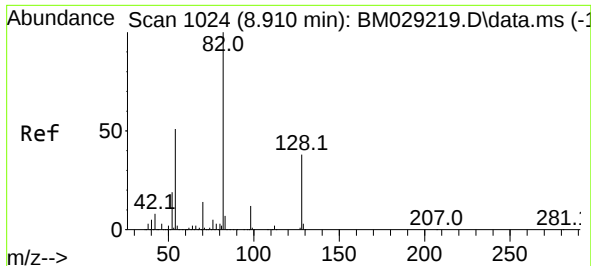
Tgt Ion: 94 Resp: 31815
Ion Ratio Lower Upper
94 100
65 30.0 13.0 53.0
66 45.2 24.1 64.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.533 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion: 136 Resp: 426812
Ion Ratio Lower Upper
136 100
137 10.7 9.3 13.9
54 8.6 6.9 10.3
68 7.0 5.4 8.0

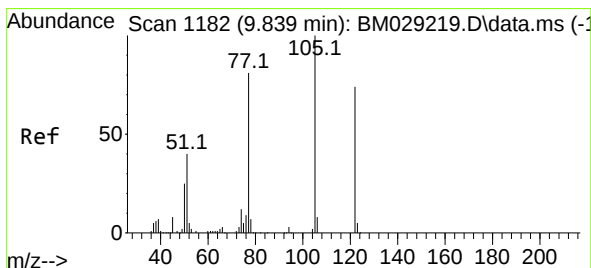
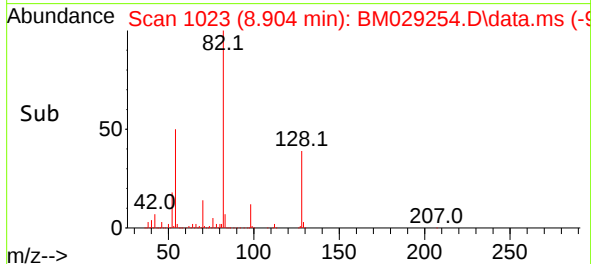
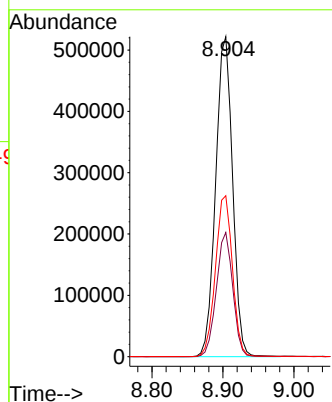
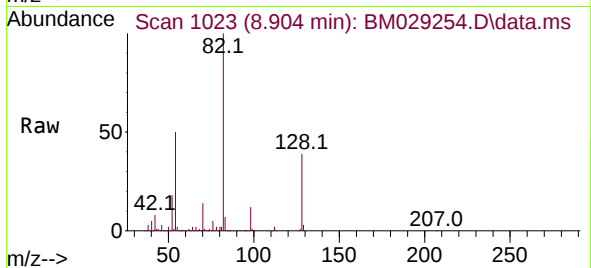




#23
Nitrobenzene-d5
Concen: 97.82 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

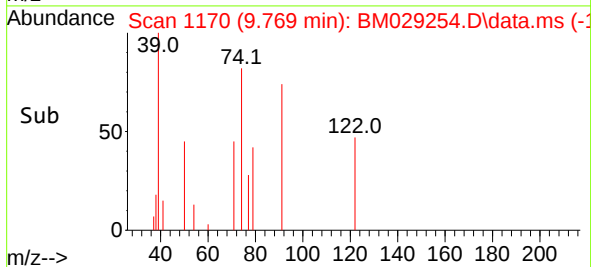
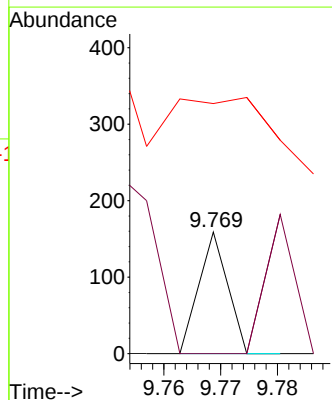
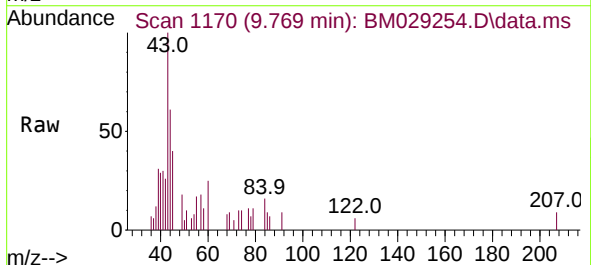
Instrument :
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ClientSampleId :
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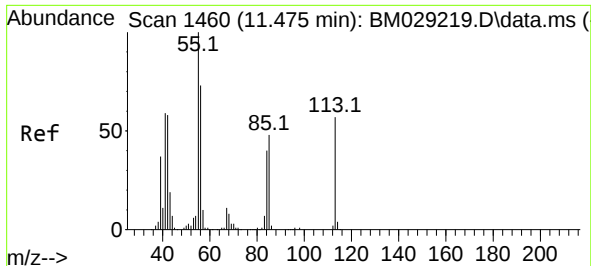
Tgt Ion: 82 Resp: 859890
Ion Ratio Lower Upper
82 100
128 38.8 28.6 42.8
54 50.3 40.7 61.1



#32
Benzoic acid
Concen: 4.48 ng
RT: 9.769 min Scan# 1170
Delta R.T. -0.059 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 108.2 148.2#
77 205.7 86.0 126.0#

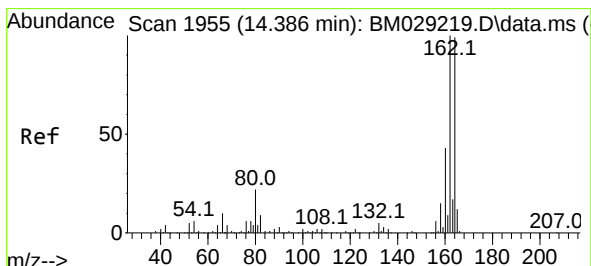
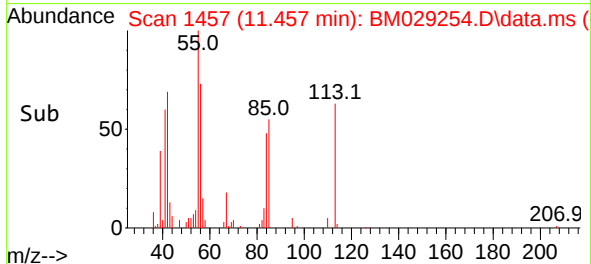
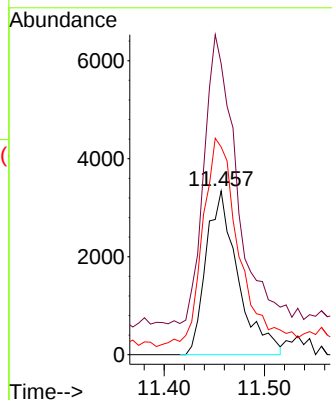
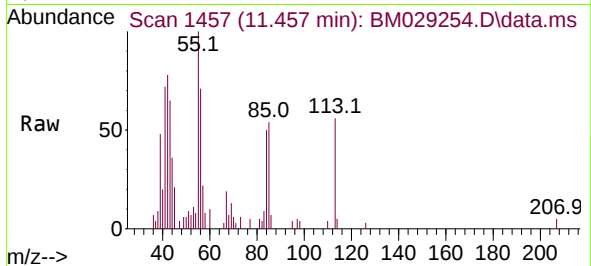




#35
Caprolactam
Concen: 8.03 ng
RT: 11.457 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

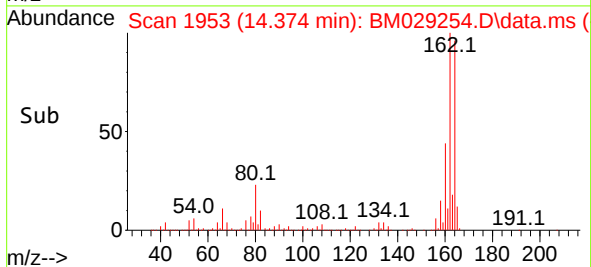
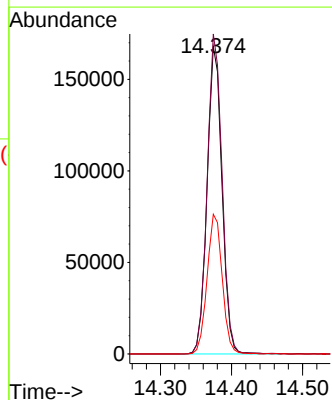
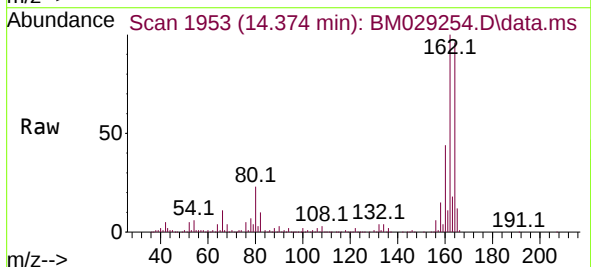
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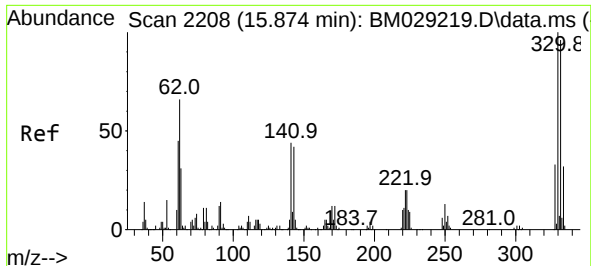
Tgt Ion:113 Resp: 7374
Ion Ratio Lower Upper
113 100
55 177.8 149.4 189.4
56 126.9 110.8 150.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.374 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion:164 Resp: 245275
Ion Ratio Lower Upper
164 100
162 104.1 84.4 126.6
160 45.4 36.6 54.8

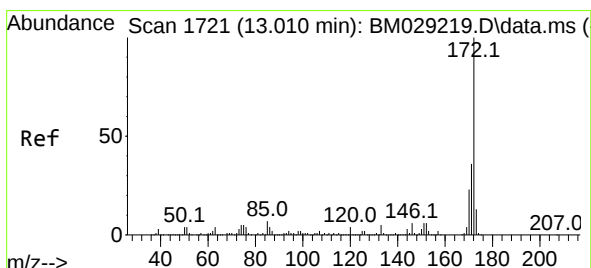
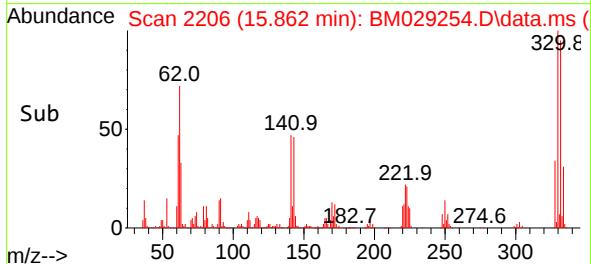
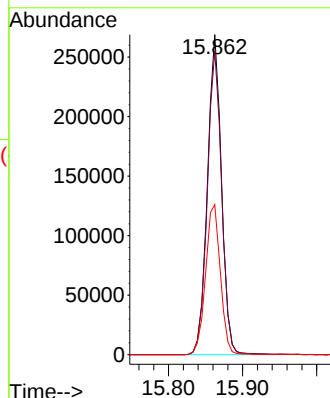
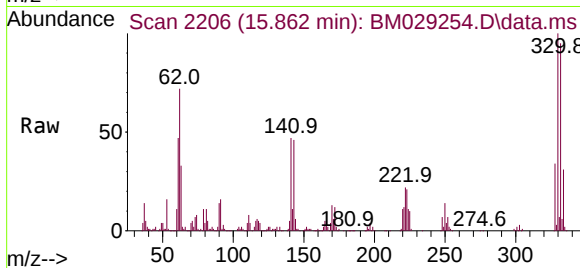




#42
2,4,6-Tribromophenol
Concen: 156.01 ng
RT: 15.862 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

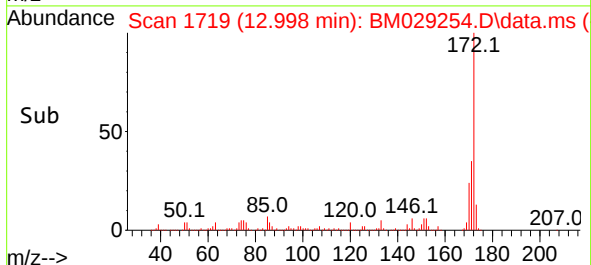
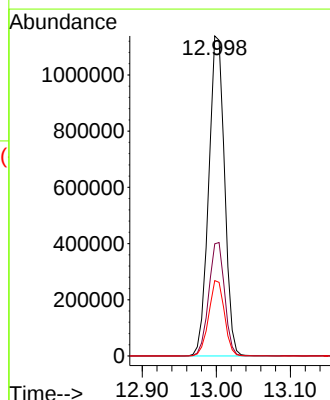
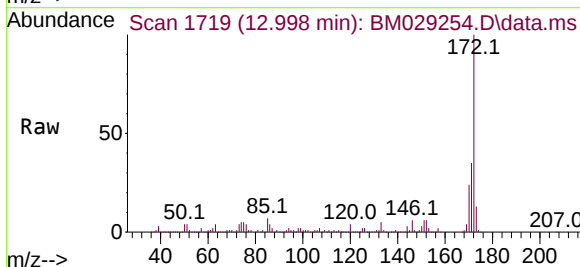
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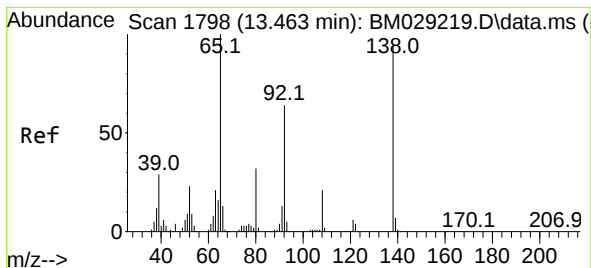
Tgt Ion:330 Resp: 354360
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 49.7 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 97.72 ng
RT: 12.998 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion:172 Resp: 1689703
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.5 18.8 28.2

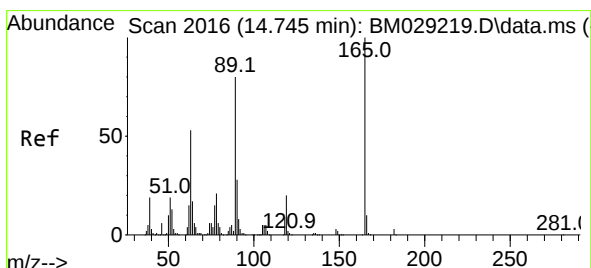
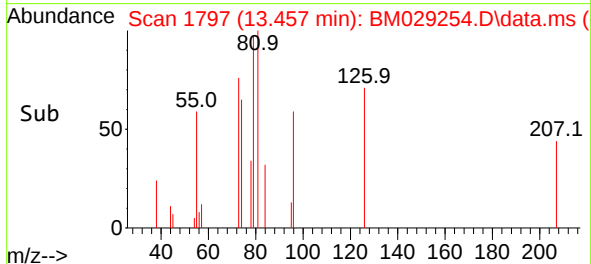
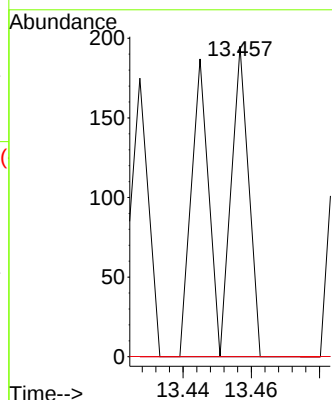
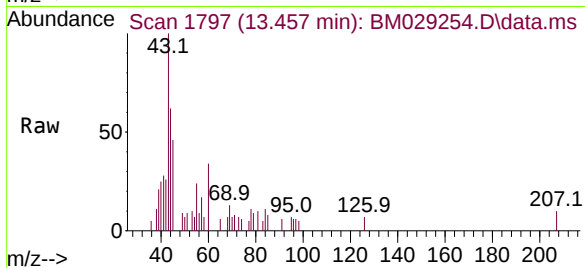




#48
2-Nitroaniline
Concen: 3.30 ng
RT: 13.457 min Scan# 1797
Delta R.T. 0.005 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

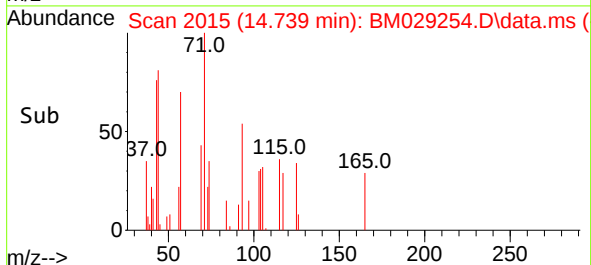
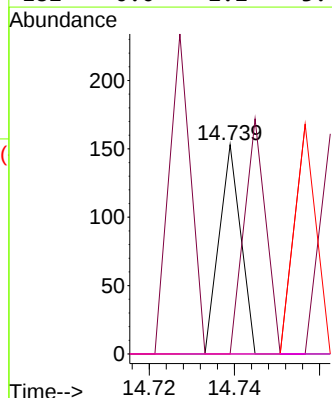
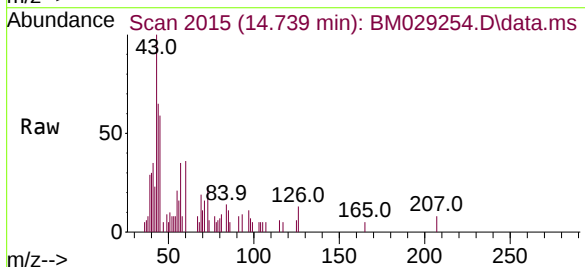
Instrument :
BNA_M
ClientSampled :
MW-101D

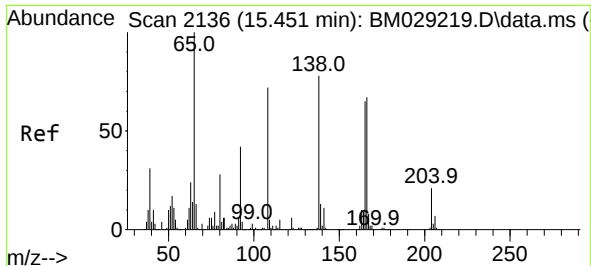
Tgt Ion: 65 Resp: 135
Ion Ratio Lower Upper
65 100
92 0.0 52.4 78.6#
138 0.0 75.0 112.6#



#57
2,4-Dinitrotoluene
Concen: 3.18 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion: 165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.4#
89 0.0 65.6 98.4#
182 0.0 2.2 3.4#

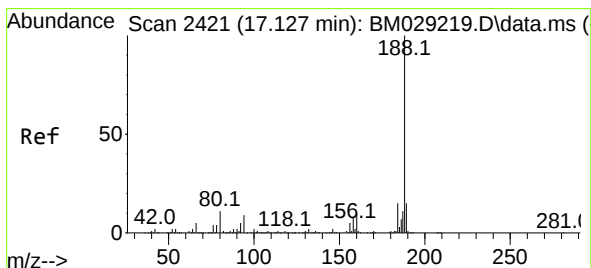
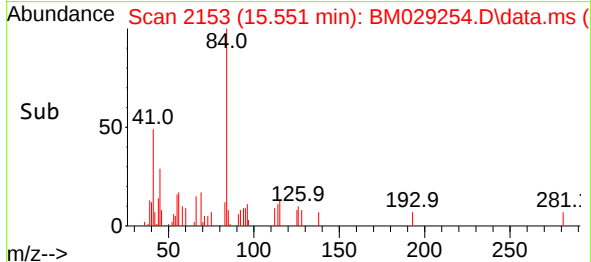
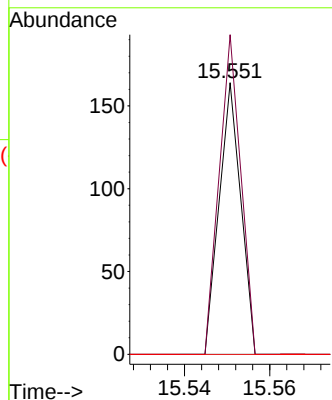
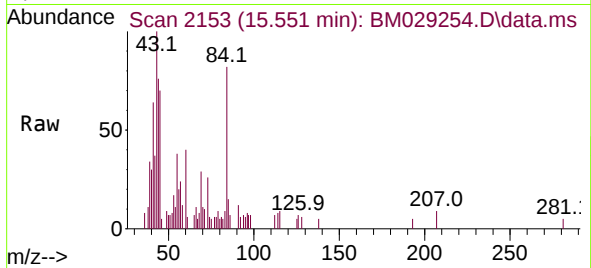




#62
4-Nitroaniline
Concen: 3.59 ng
RT: 15.551 min Scan# 2153
Delta R.T. 0.111 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

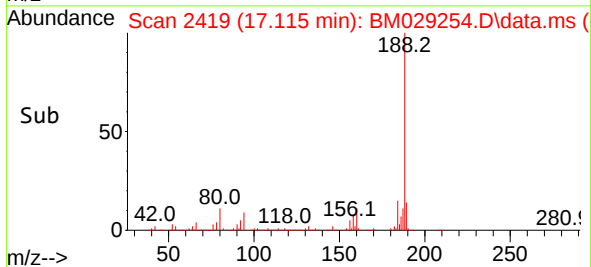
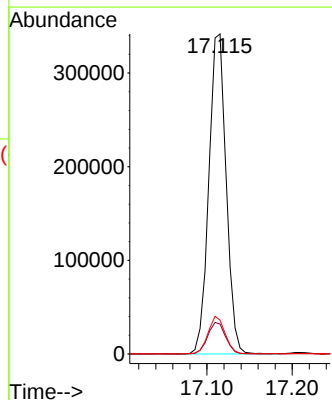
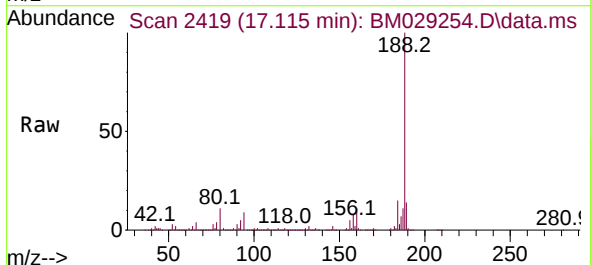
Instrument :
BNA_M
ClientSampleId :
MW-101D

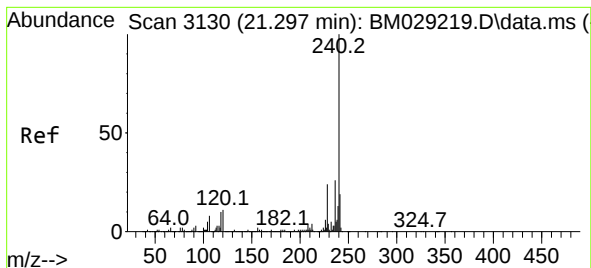
Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
92 117.7 38.2 78.2#
108 0.0 71.7 111.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion:188 Resp: 482362
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.6 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: BM029254.D

Acq: 29 Mar 2021 21:08

Tgt Ion:240 Resp: 488602

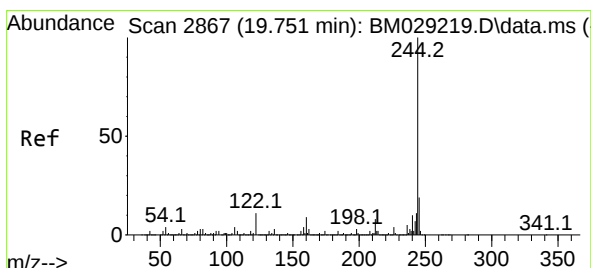
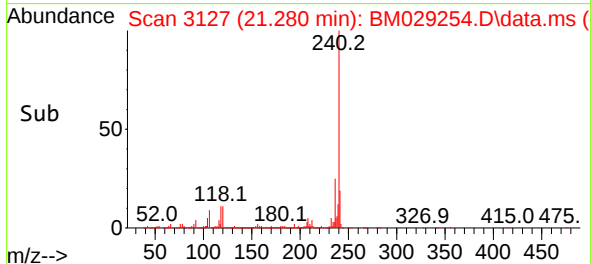
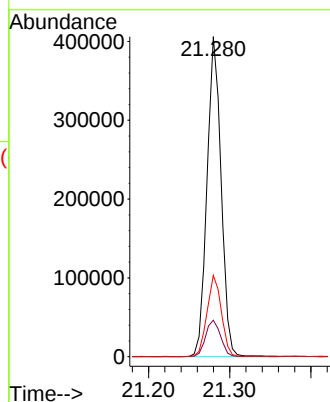
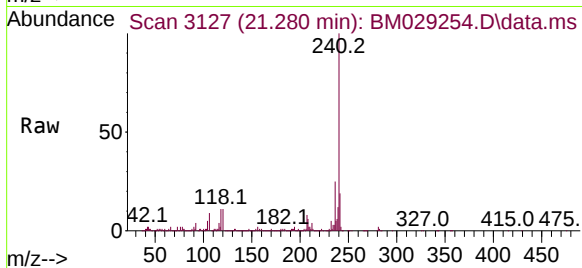
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.6
236	25.4	20.3	30.5

Instrument :

BNA_M

ClientSampleId :

MW-101D



#79

Terphenyl-d14

Concen: 87.46 ng

RT: 19.739 min Scan# 2865

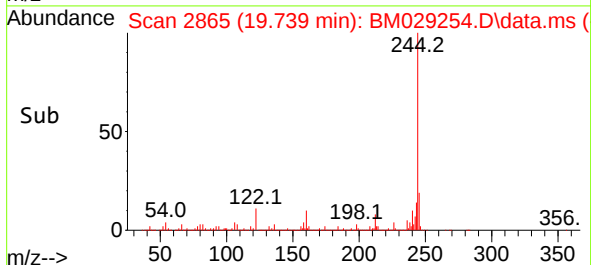
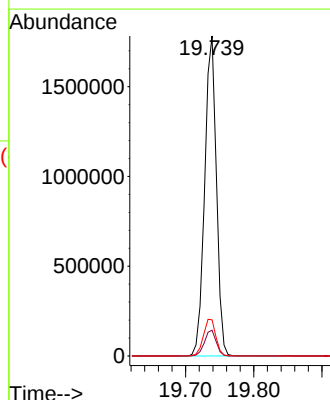
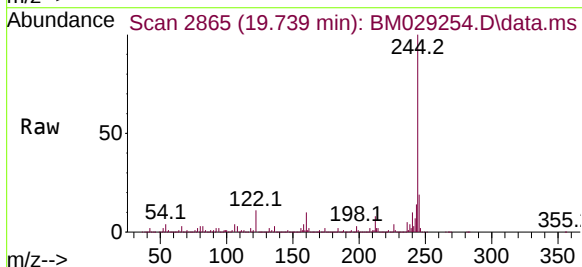
Delta R.T. -0.000 min

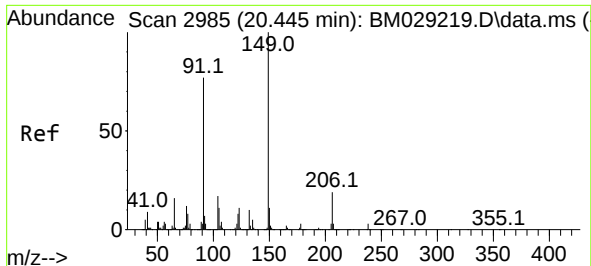
Lab File: BM029254.D

Acq: 29 Mar 2021 21:08

Tgt Ion:244 Resp: 2127160

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.3	9.2	13.8

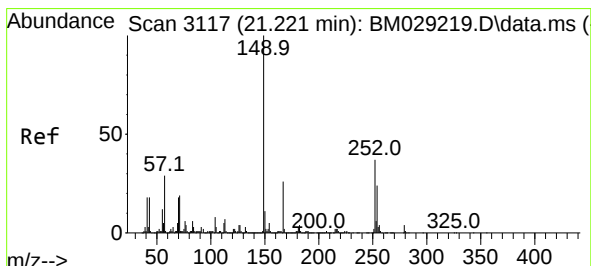
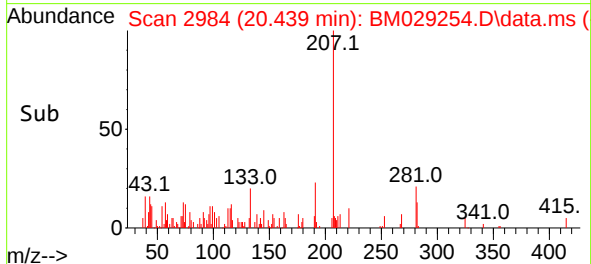
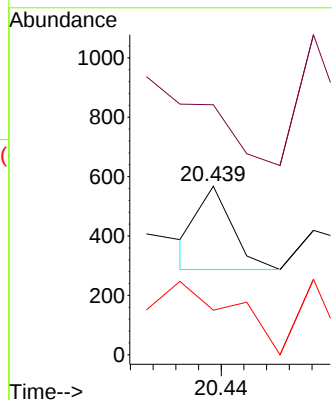
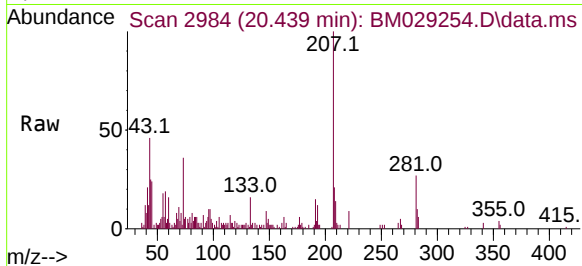




#80
Butylbenzylphthalate
Concen: 3.59 ng
RT: 20.439 min Scan# 2984
Delta R.T. 0.006 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

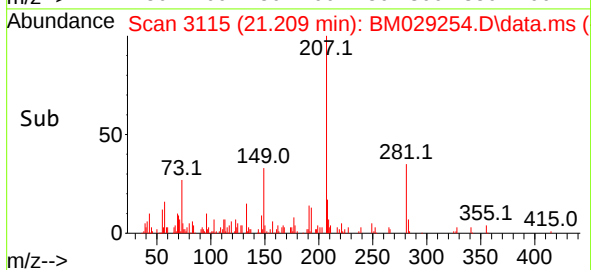
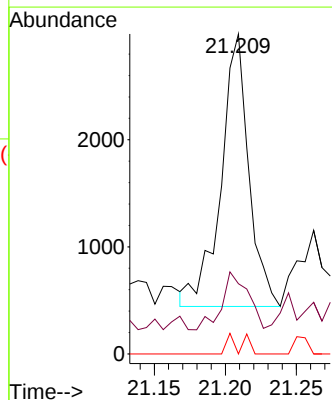
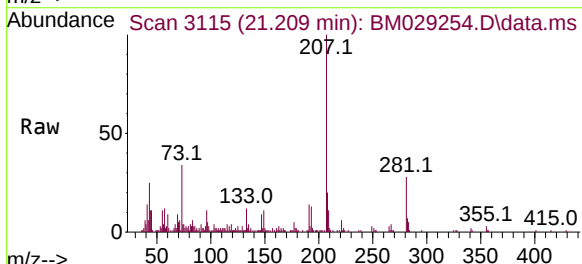
Instrument :
BNA_M
ClientSampled :
MW-101D

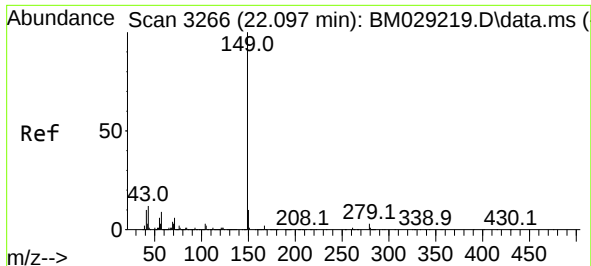
Tgt Ion:149 Resp: 115
Ion Ratio Lower Upper
149 100
91 148.2 60.5 90.7#
206 26.4 15.7 23.5#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.74 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion:149 Resp: 3464
Ion Ratio Lower Upper
149 100
167 22.0 20.6 31.0
279 0.0 3.3 4.9#

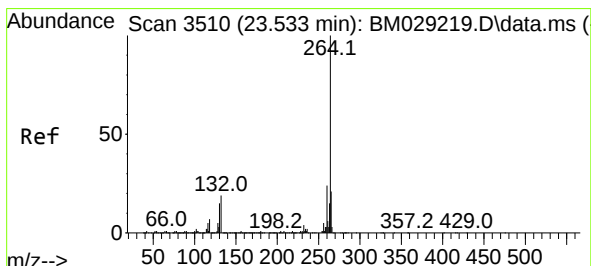
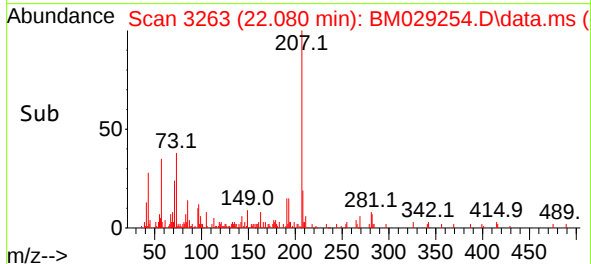
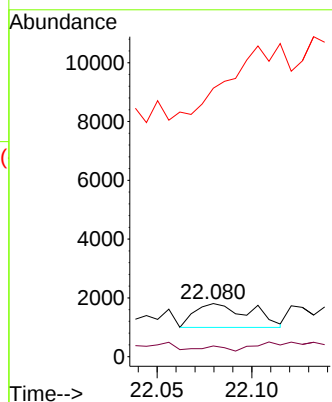
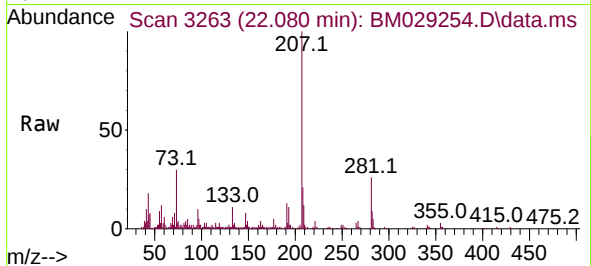




#85
Di-n-octyl phthalate
Concen: 4.11 ng
RT: 22.080 min Scan# 3263
Delta R.T. -0.006 min
Lab File: BM029254.D
Acq: 29 Mar 2021 21:08

Instrument :
BNA_M
ClientSampleId :
MW-101D

Tgt Ion:149 Resp: 1657
Ion Ratio Lower Upper
149 100
167 6.2 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: BM029254.D
Acq: 29 Mar 2021 21:08

Tgt Ion:264 Resp: 537039
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 22.2 17.8 26.8

