

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
 Data File : BM035185.D
 Acq On : 20 May 2022 20:24
 Operator : CG/JU
 Sample : N2880-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: May 23 04:21:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

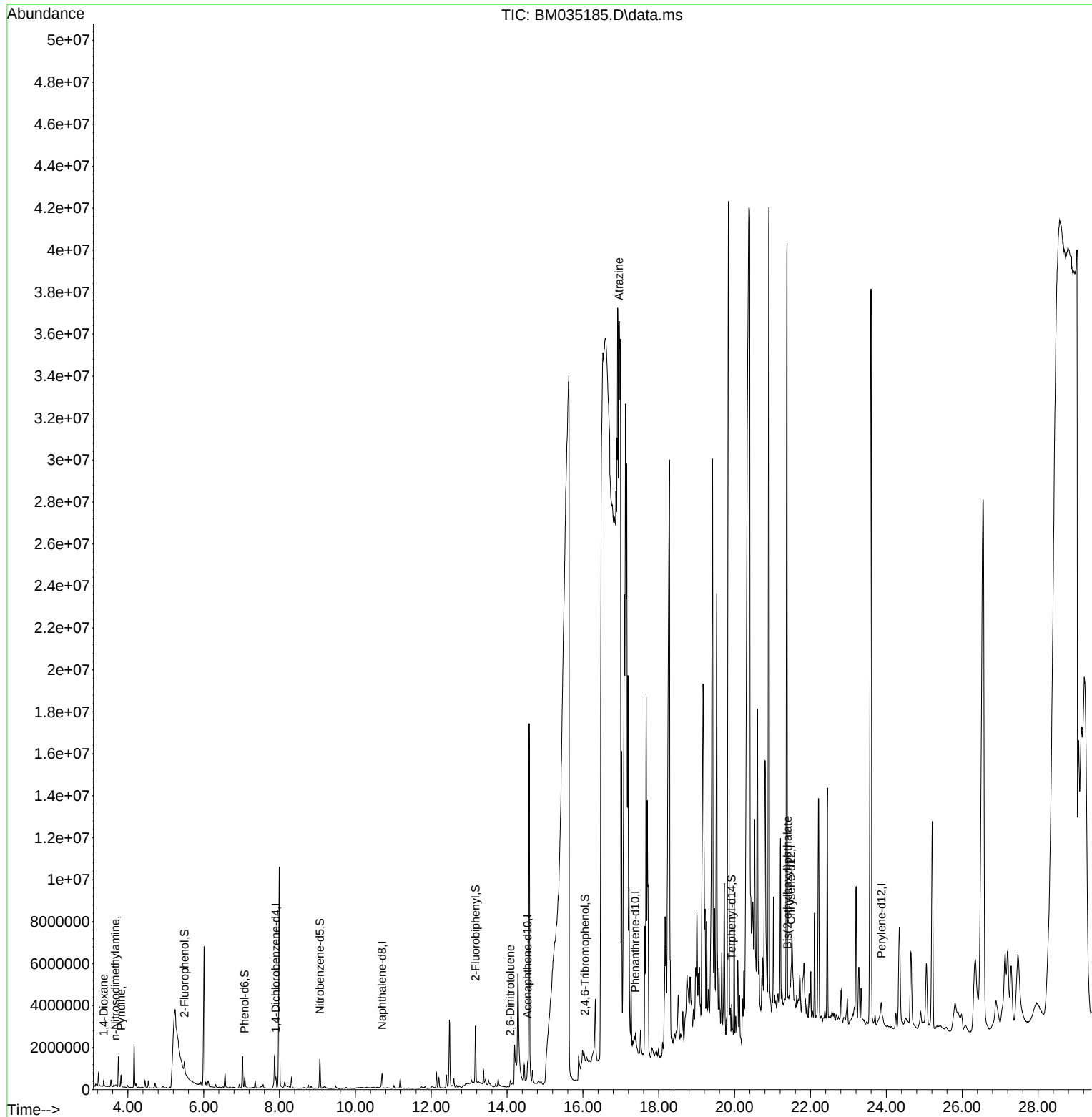
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	125072	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	487659	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	322776	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	665522	20.000	ng	0.09
76) Chrysene-d12	21.486	240	668021	20.000	ng	# 0.01
86) Perylene-d12	23.868	264	670602	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	203729	28.737	ng	0.01
7) Phenol-d6	7.081	99	257871	28.177	ng	0.00
23) Nitrobenzene-d5	9.063	82	637675	70.614	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	166947	47.548	ng	0.02
45) 2-Fluorobiphenyl	13.169	172	1369689	61.601	ng	0.00
79) Terphenyl-d14	19.921	244	878002	25.448	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	18288	6.375	ng	# 1
3) Pyridine	3.822	79	132731	16.608	ng	# 1
4) n-Nitrosodimethylamine	3.675	42	7886	2.001	ng	# 1
51) 2,6-Dinitrotoluene	14.086	165	70703	14.431	ng	# 24
69) Atrazine	16.951	200	15342	2.266	ng	81
84) Bis(2-ethylhexyl)phtha...	21.398	149	73966	2.481	ng	# 90

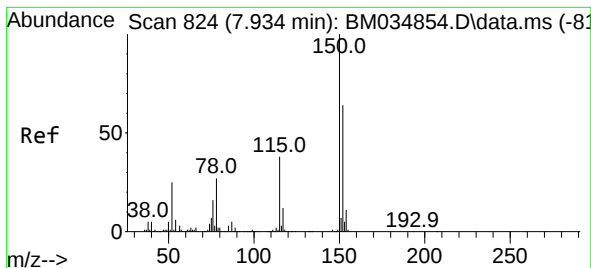
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.904 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

Instrument :

BNA_M

ClientSampleId :

EFF-WW

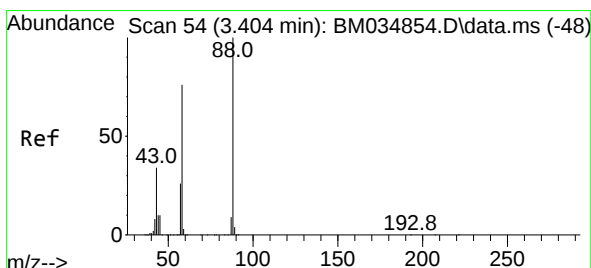
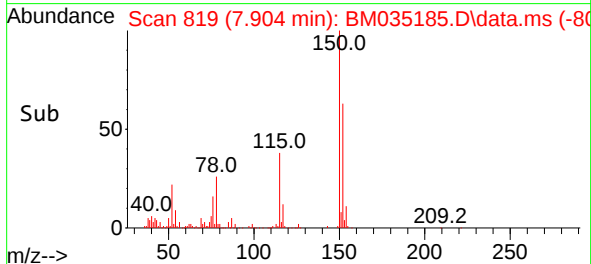
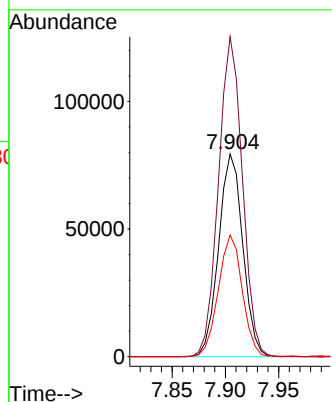
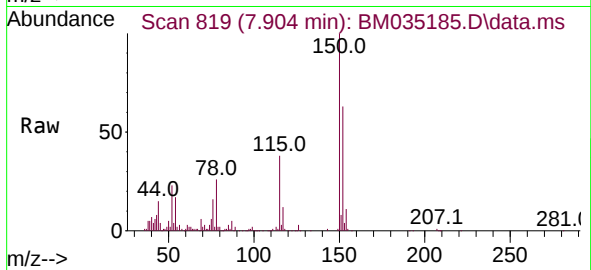
Tgt Ion:152 Resp: 125072

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

115 60.0 47.9 71.9



#2

1,4-Dioxane

Concen: 6.375 ng

RT: 3.363 min Scan# 47

Delta R.T. -0.018 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

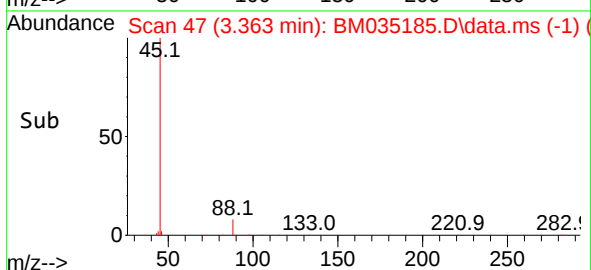
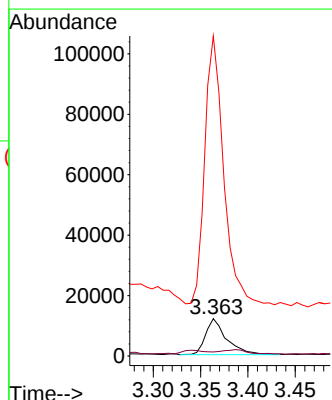
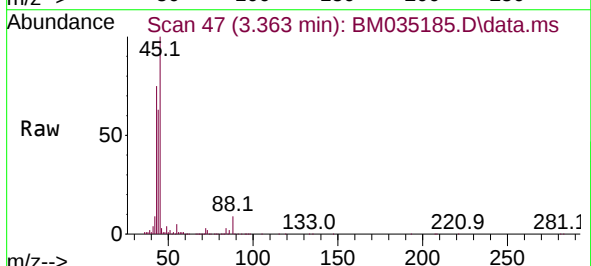
Tgt Ion: 88 Resp: 18288

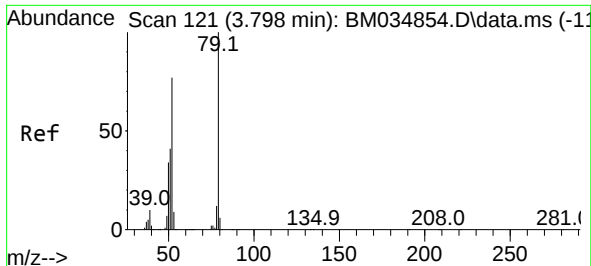
Ion Ratio Lower Upper

88 100

58 0.0 62.3 93.5#

43 696.8 28.7 43.1#

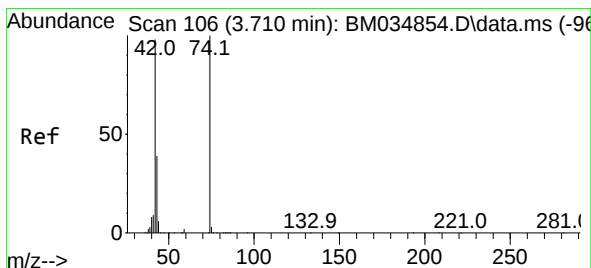
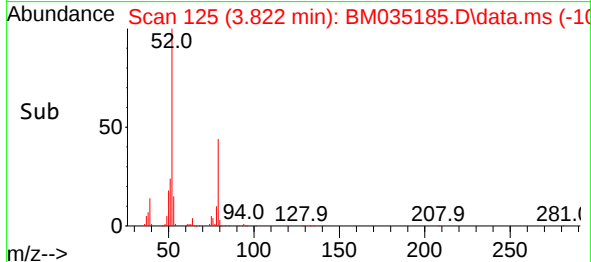
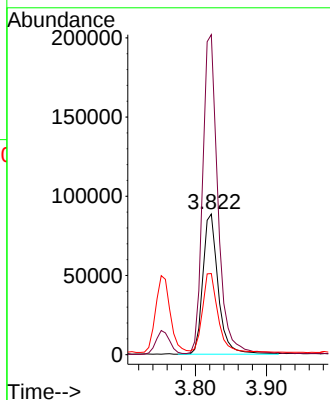
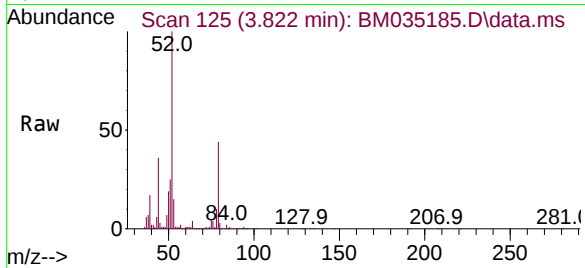




#3
Pyridine
Concen: 16.608 ng
RT: 3.822 min Scan# 11
Delta R.T. 0.041 min
Lab File: BM035185.D
Acq: 20 May 2022 20:24

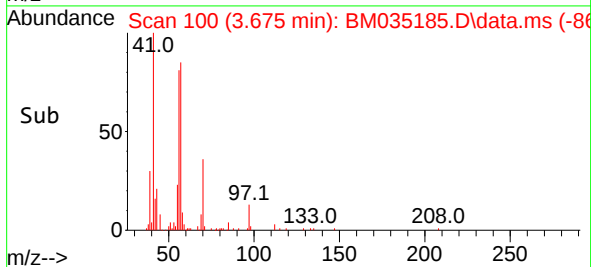
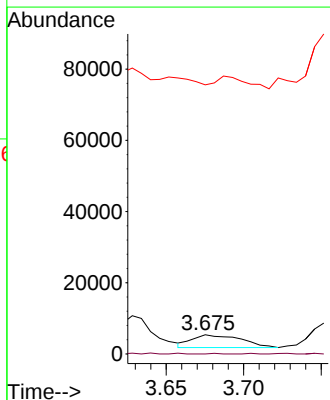
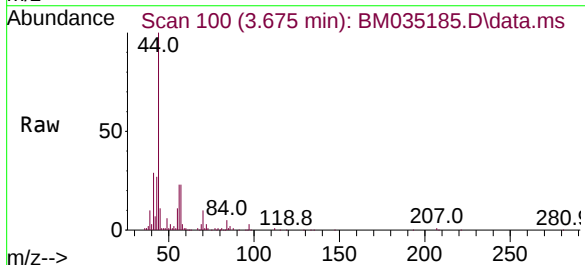
Instrument :
BNA_M
ClientSampleId :
EFF-WW

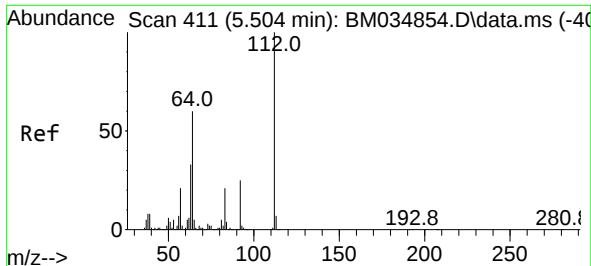
Tgt Ion: 79 Resp: 132731
Ion Ratio Lower Upper
79 100
52 227.4 61.9 92.9#
51 57.6 33.5 50.3#



#4
n-Nitrosodimethylamine
Concen: 2.001 ng
RT: 3.675 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM035185.D
Acq: 20 May 2022 20:24

Tgt Ion: 42 Resp: 7886
Ion Ratio Lower Upper
42 100
74 0.0 81.6 122.4#
44 1396.4 5.2 7.8#

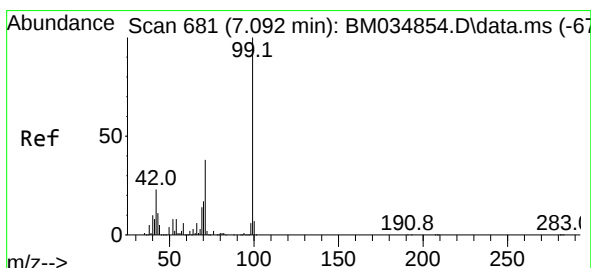
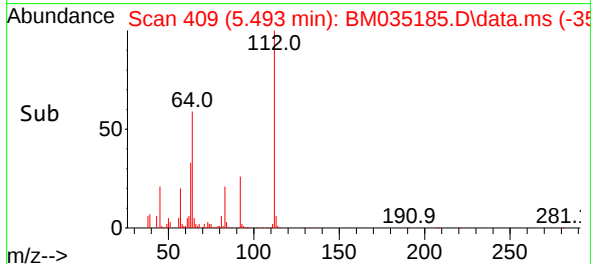
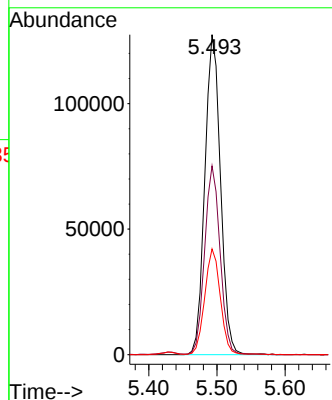
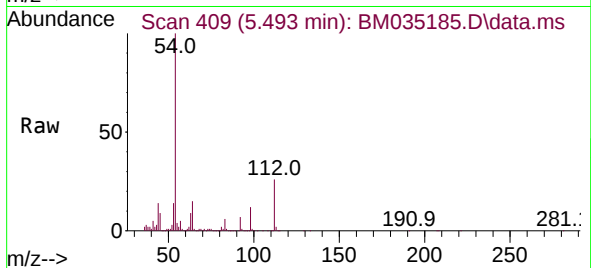




#5
2-Fluorophenol
Concen: 28.737 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.012 min
Lab File: BM035185.D
Acq: 20 May 2022 20:24

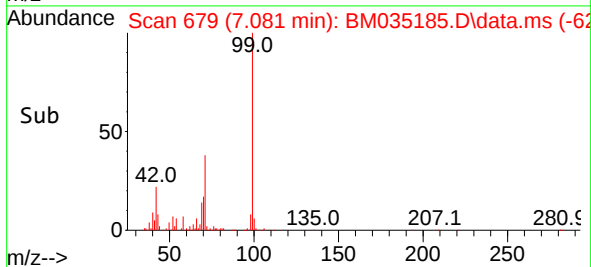
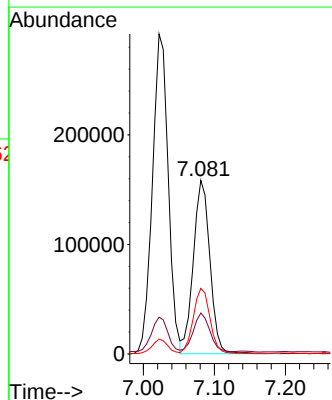
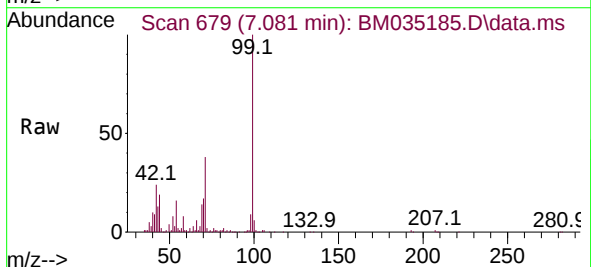
Instrument :
BNA_M
ClientSampleId :
EFF-WW

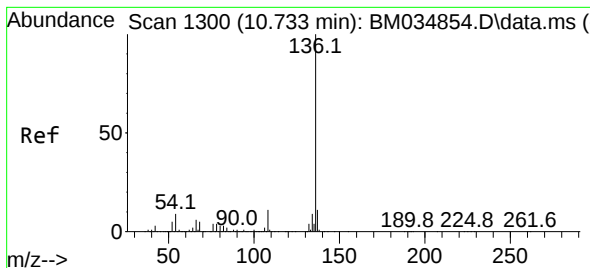
Tgt Ion:112 Resp: 203729
Ion Ratio Lower Upper
112 100
64 59.0 47.8 71.6
63 33.0 26.6 40.0



#7
Phenol-d6
Concen: 28.177 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM035185.D
Acq: 20 May 2022 20:24

Tgt Ion: 99 Resp: 257871
Ion Ratio Lower Upper
99 100
42 23.6 18.8 28.2
71 37.8 30.2 45.2



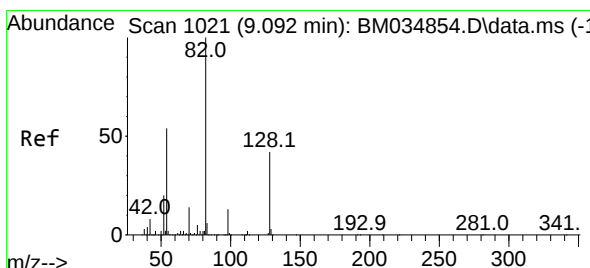
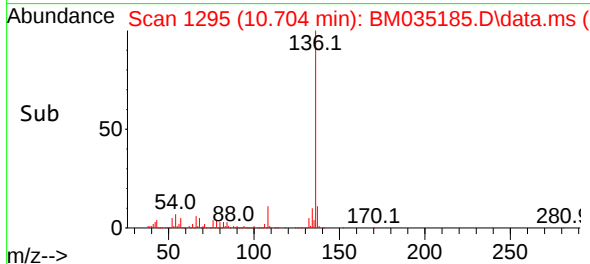
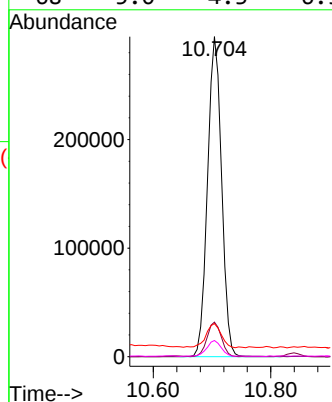
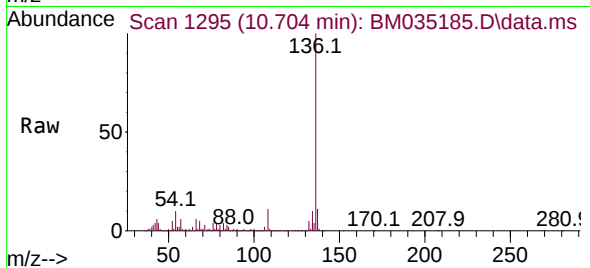


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035185.D
Acq: 20 May 2022 20:24

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tgt Ion:136 Resp: 487659

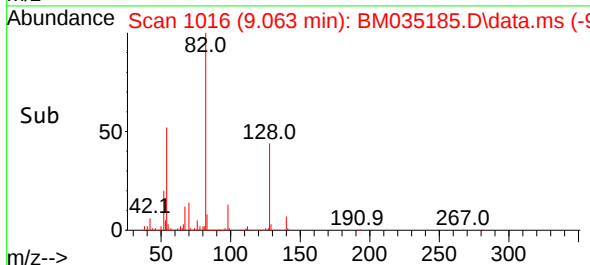
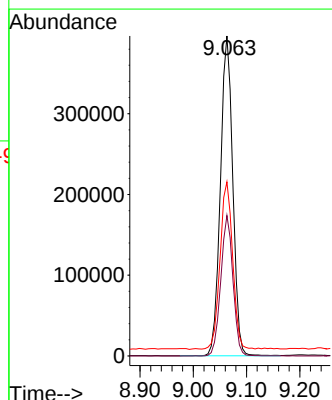
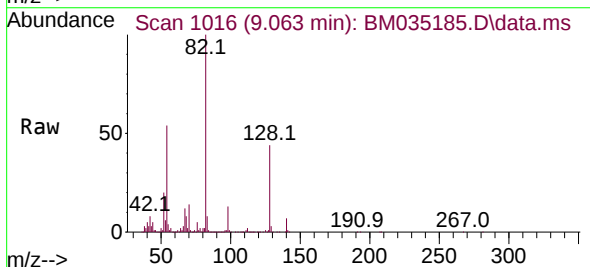
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.4	7.0	10.4
68	5.0	4.3	6.5

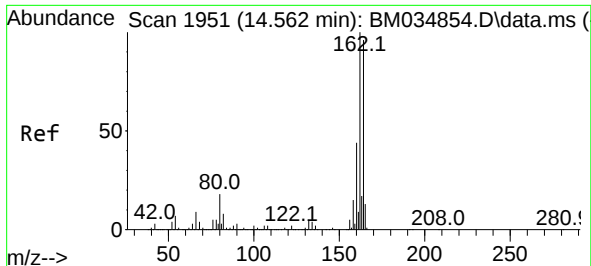


#23
Nitrobenzene-d5
Concen: 70.614 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BM035185.D
Acq: 20 May 2022 20:24

Tgt Ion: 82 Resp: 637675

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.7	50.5
54	54.4	43.2	64.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

Instrument :

BNA_M

ClientSampleId :

EFF-WW

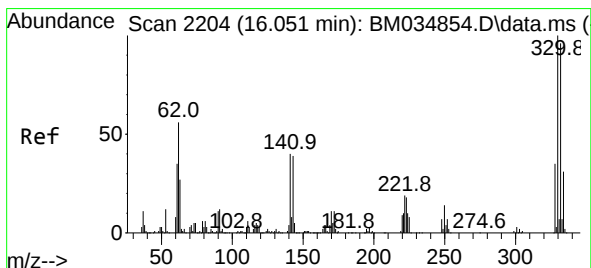
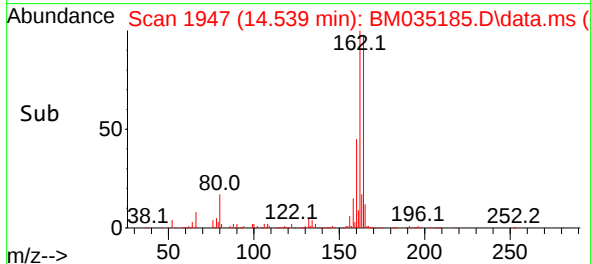
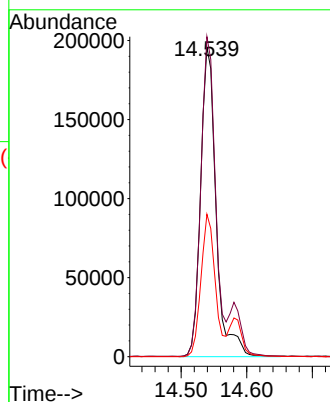
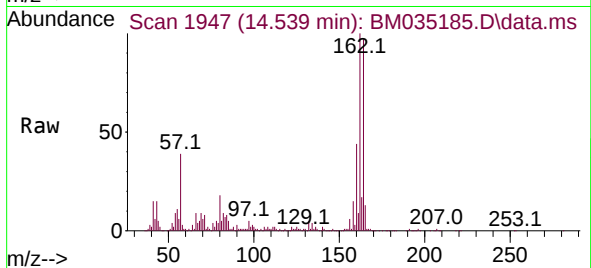
Tgt Ion:164 Resp: 322776

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

160 46.0 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 47.548 ng

RT: 16.057 min Scan# 2205

Delta R.T. 0.024 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

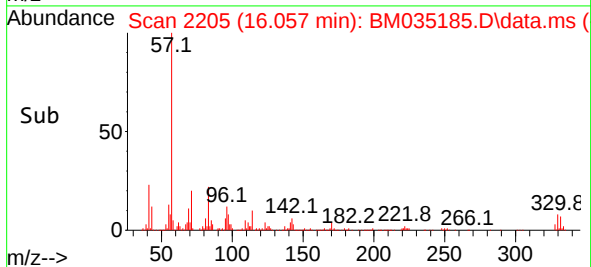
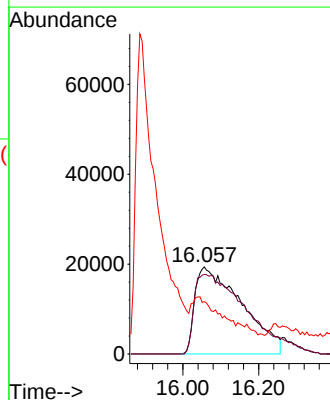
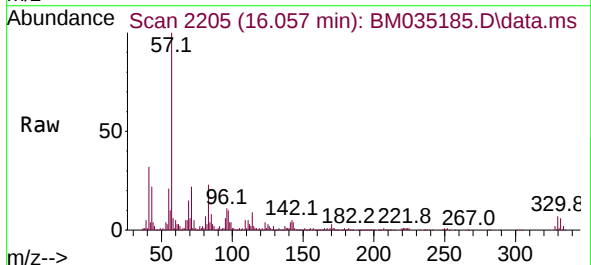
Tgt Ion:330 Resp: 166947

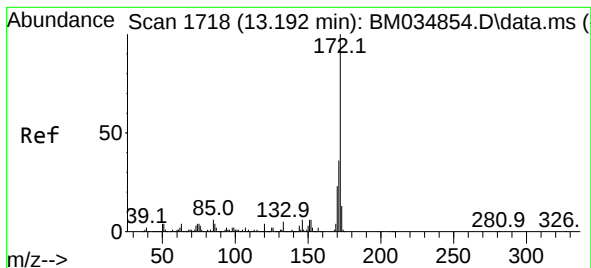
Ion Ratio Lower Upper

330 100

332 101.6 77.0 115.4

141 32.6 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 61.601 ng

RT: 13.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

Instrument :

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ClientSampleId :

EFF-WW

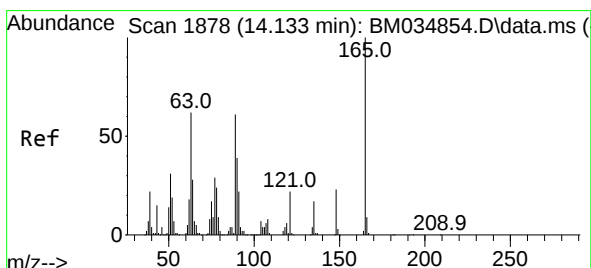
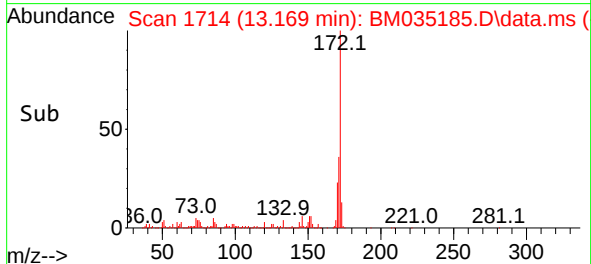
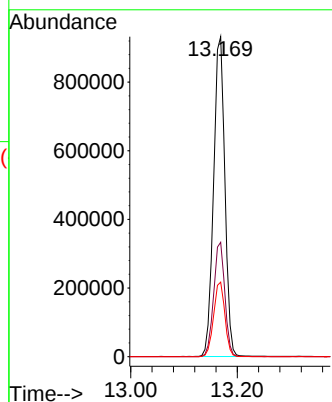
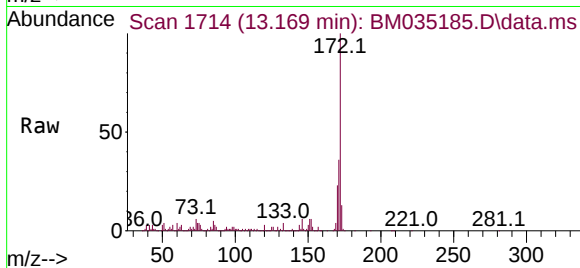
Tgt Ion:172 Resp: 1369689

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.3 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 14.431 ng

RT: 14.086 min Scan# 1870

Delta R.T. -0.029 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

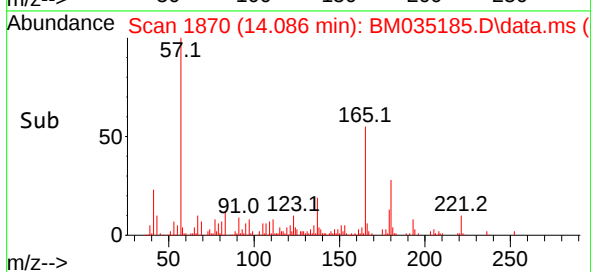
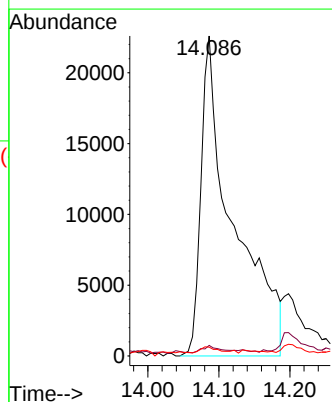
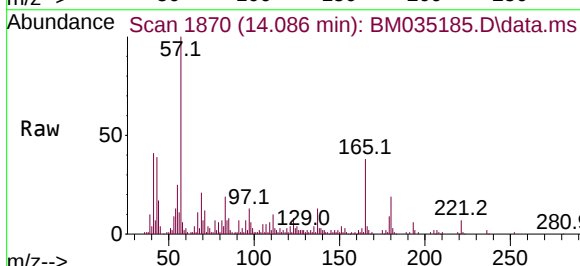
Tgt Ion:165 Resp: 70703

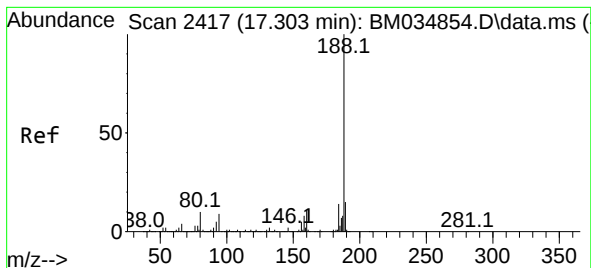
Ion Ratio Lower Upper

165 100

63 3.3 50.2 75.2#

89 2.8 48.4 72.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.380 min Scan# 2417

Delta R.T. 0.094 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

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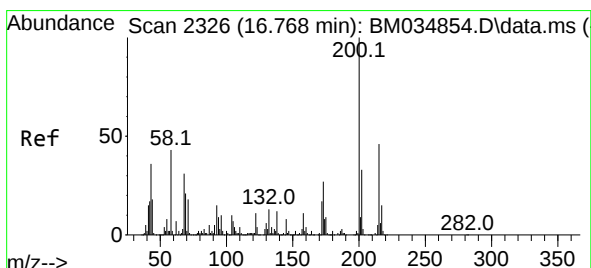
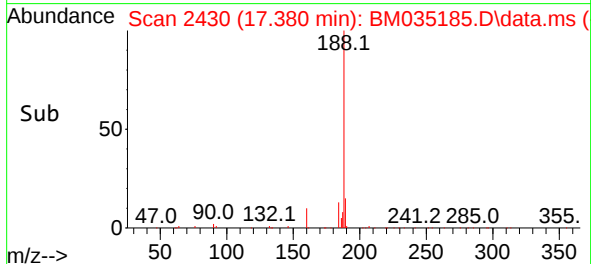
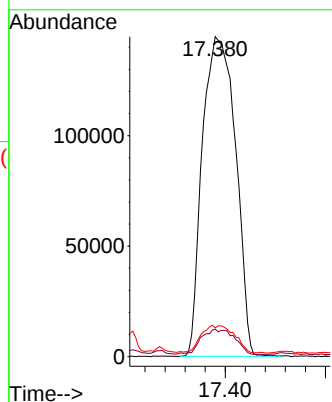
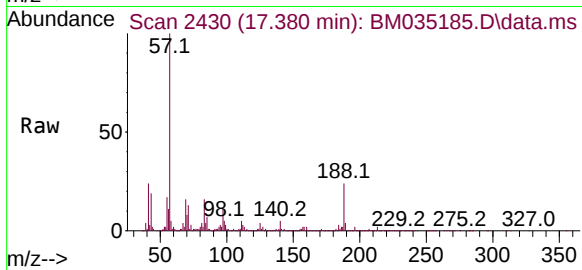
Tgt Ion:188 Resp: 665522

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.0 7.6 11.4



#69

Atrazine

Concen: 2.266 ng

RT: 16.951 min Scan# 2357

Delta R.T. 0.200 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

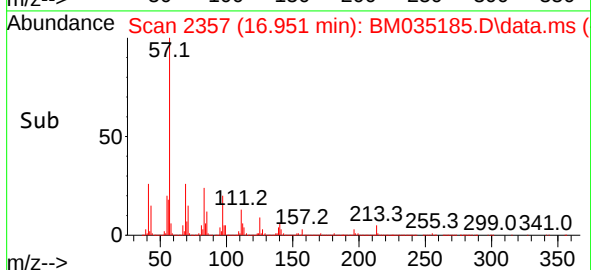
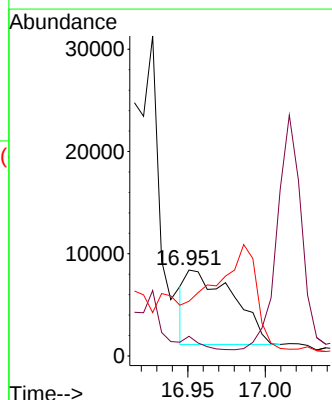
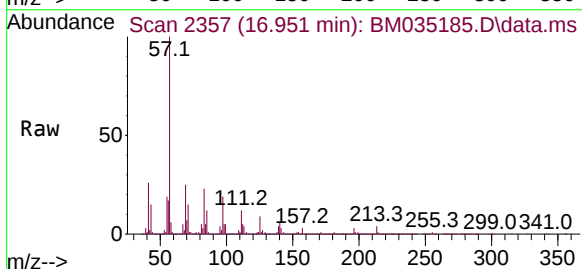
Tgt Ion:200 Resp: 15342

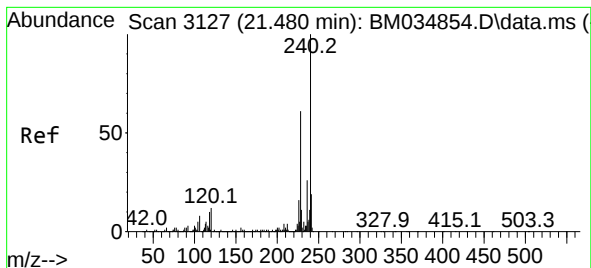
Ion Ratio Lower Upper

200 100

173 22.9 6.6 46.6

215 63.7 26.2 66.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 31

Delta R.T. 0.012 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

Instrument :

BNA_M

ClientSampleId :

EFF-WW

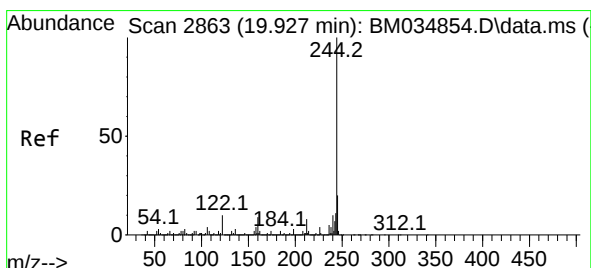
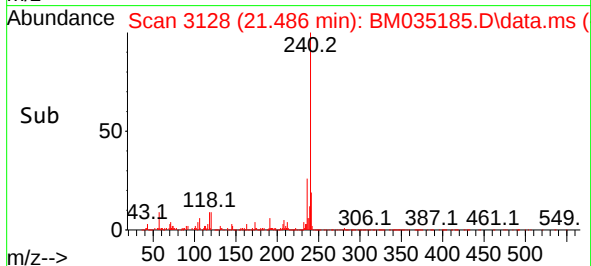
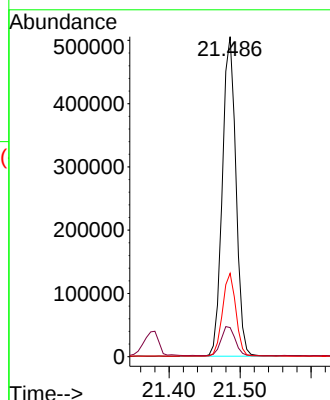
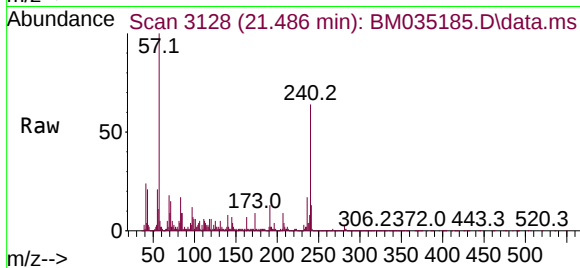
Tgt Ion:240 Resp: 668021

Ion Ratio Lower Upper

240 100

120 9.1 9.4 14.0#

236 26.0 20.6 30.8



#79

Terphenyl-d14

Concen: 25.448 ng

RT: 19.921 min Scan# 2862

Delta R.T. 0.006 min

Lab File: BM035185.D

Acq: 20 May 2022 20:24

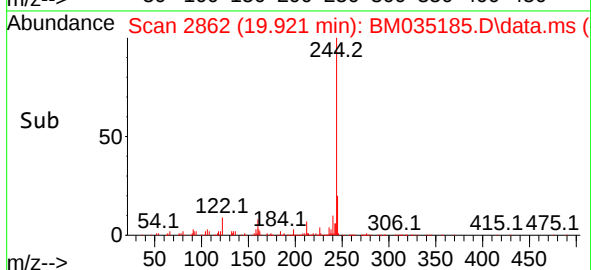
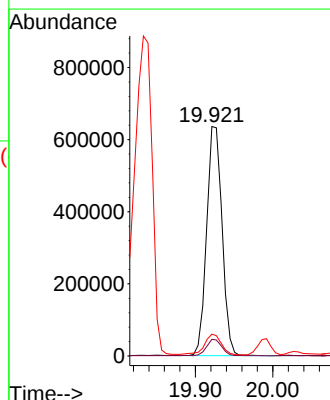
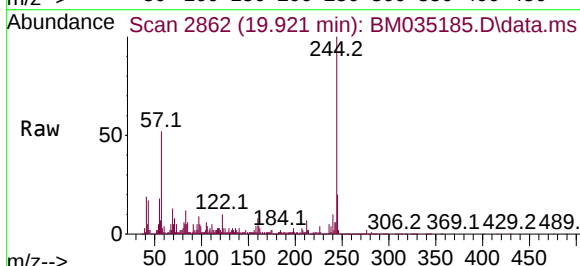
Tgt Ion:244 Resp: 878002

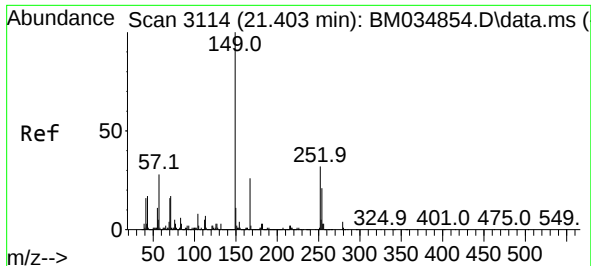
Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 9.5 8.3 12.5

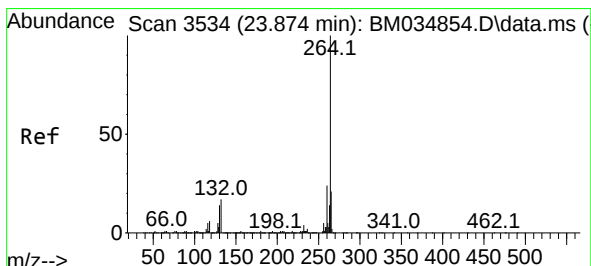
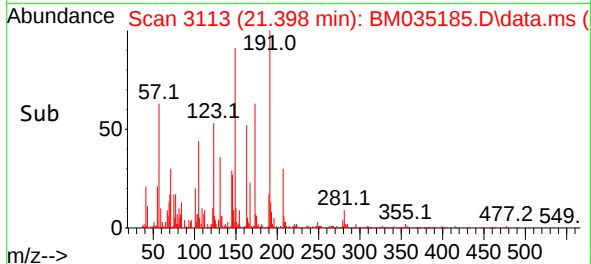
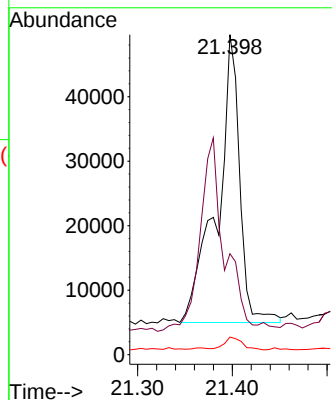
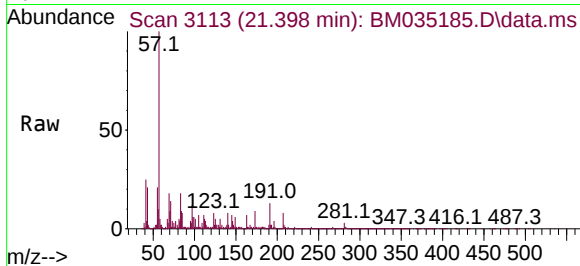




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.481 ng
RT: 21.398 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BM035185.D
Acq: 20 May 2022 20:24

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tgt Ion:149 Resp: 73966
Ion Ratio Lower Upper
149 100
167 31.6 21.1 31.7
279 5.5 2.8 4.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.868 min Scan# 3533
Delta R.T. 0.012 min
Lab File: BM035185.D
Acq: 20 May 2022 20:24

Tgt Ion:264 Resp: 670602
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 22.9 17.5 26.3

