

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041264.D
 Acq On : 03 Aug 2023 16:32
 Operator : MA/JU
 Sample : 03862-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-B-11-(10-15)

Quant Time: Aug 04 01:20:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

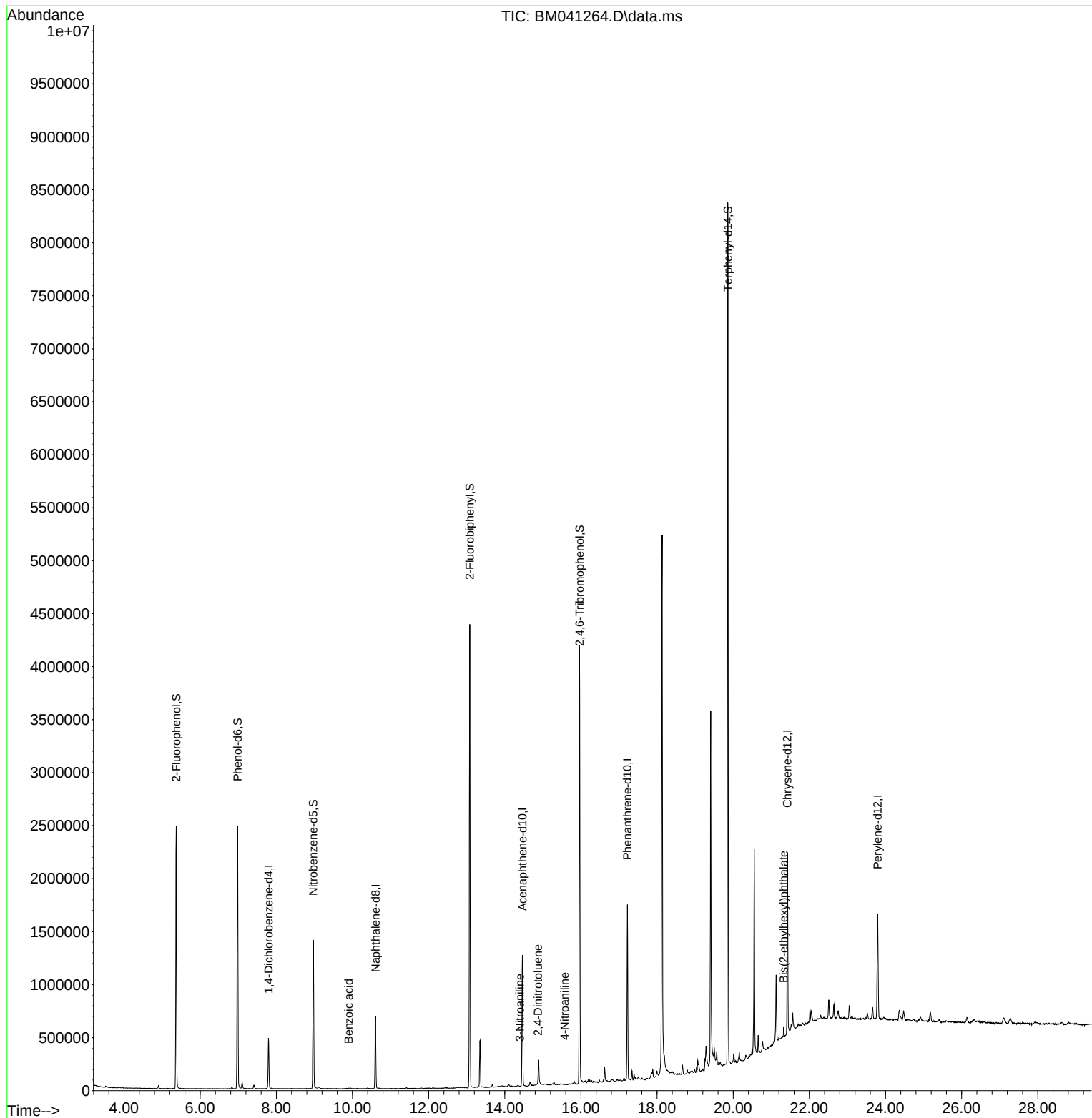
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	119548	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	539061	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	401531	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	929140	20.000	ng	0.00
76) Chrysene-d12	21.421	240	744804	20.000	ng	-0.01
86) Perylene-d12	23.792	264	739873	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	999148	124.913	ng	0.00
7) Phenol-d6	6.981	99	1346474	129.865	ng	0.00
23) Nitrobenzene-d5	8.969	82	815169	70.324	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	759823	133.785	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	2156497	67.845	ng	0.00
79) Terphenyl-d14	19.863	244	3851273	93.492	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.898	122	2048	7.443	ng	82
53) 3-Nitroaniline	14.392	138	115	2.593	ng	# 76
57) 2,4-Dinitrotoluene	14.869	165	284	2.700	ng	# 80
62) 4-Nitroaniline	15.575	138	54	4.155	ng	# 30
84) Bis(2-ethylhexyl)phtha...	21.327	149	35339	3.647	ng	# 97

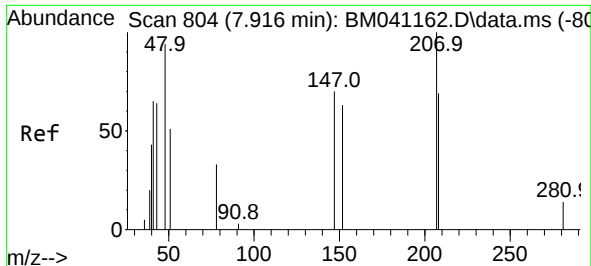
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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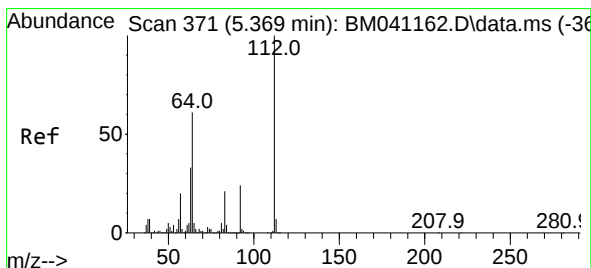
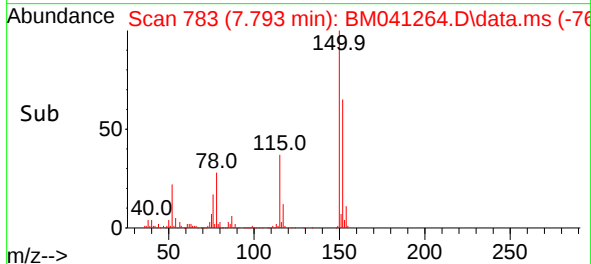
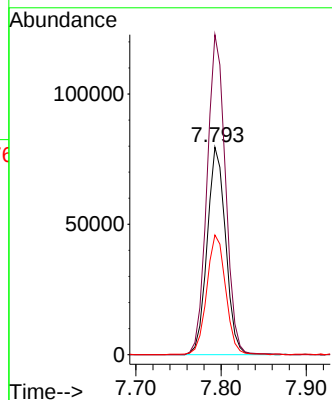
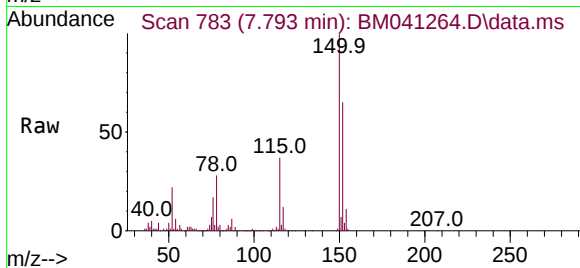




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.793 min Scan# 783
 Delta R.T. -0.000 min
 Lab File: BM041264.D
 Acq: 03 Aug 2023 16:32

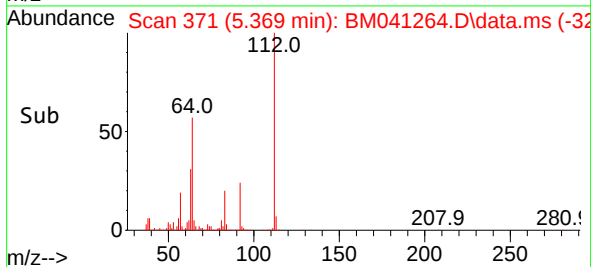
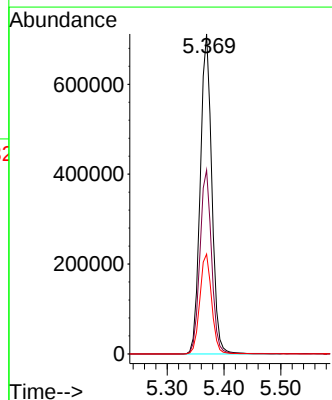
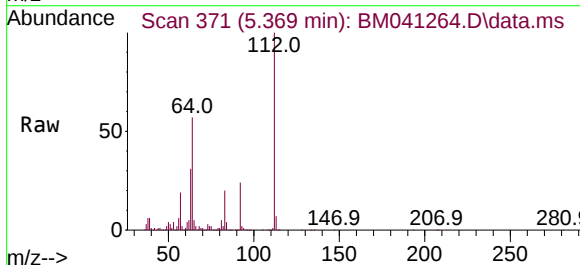
Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-B-11-(10-15)

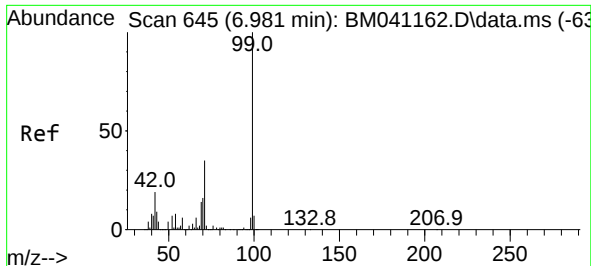
Tgt Ion:152 Resp: 119548
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.5 188.3
 115 57.6 48.0 72.0



#5
 2-Fluorophenol
 Concen: 124.913 ng
 RT: 5.369 min Scan# 371
 Delta R.T. 0.000 min
 Lab File: BM041264.D
 Acq: 03 Aug 2023 16:32

Tgt Ion:112 Resp: 999148
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.5 72.7
 63 31.2 26.5 39.7

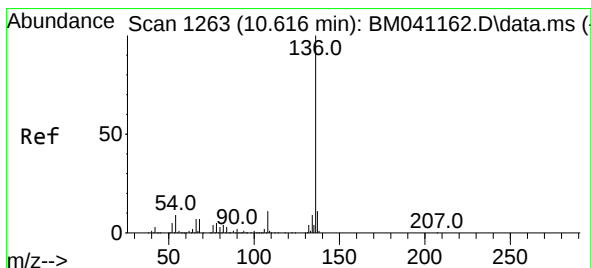
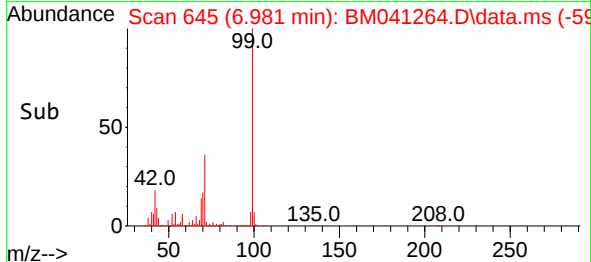
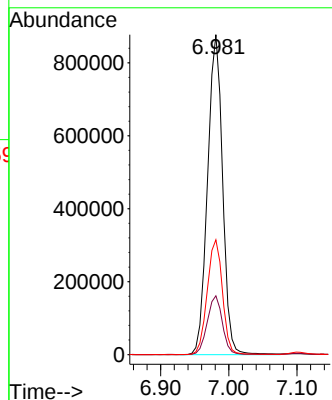
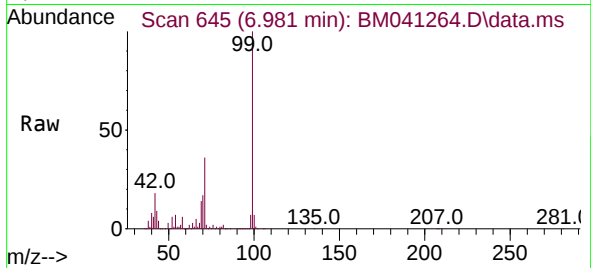




#7
Phenol-d6
Concen: 129.865 ng
RT: 6.981 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM041264.D
Acq: 03 Aug 2023 16:32

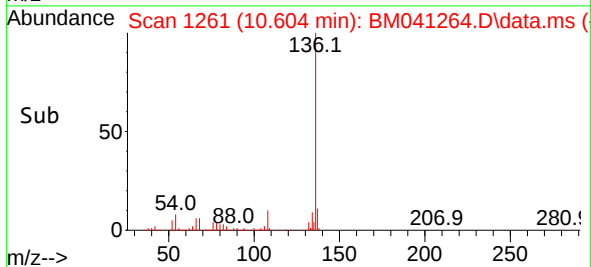
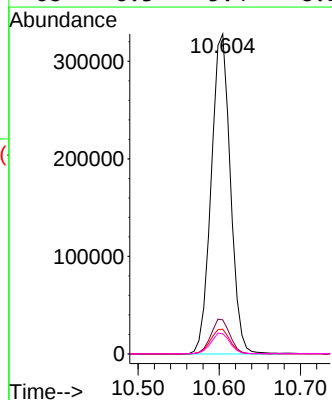
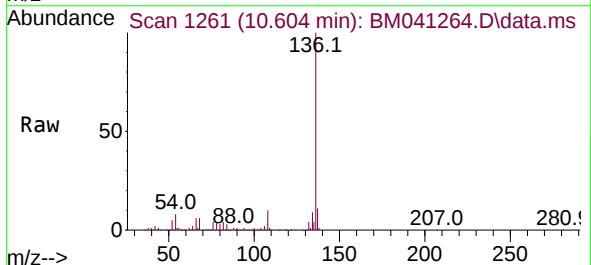
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)

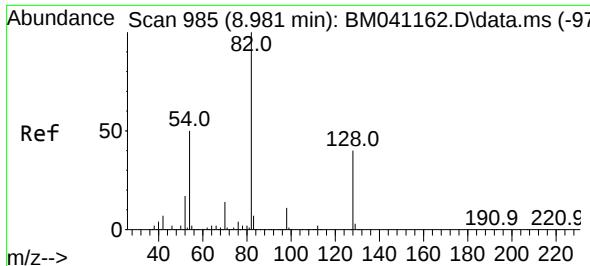
Tgt Ion: 99 Resp: 1346474
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 35.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM041264.D
Acq: 03 Aug 2023 16:32

Tgt Ion:136 Resp: 539061
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.8 6.9 10.3
68 6.3 5.4 8.2

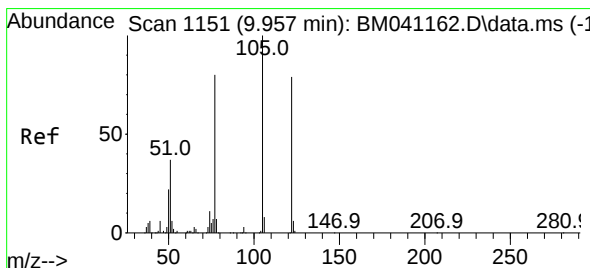
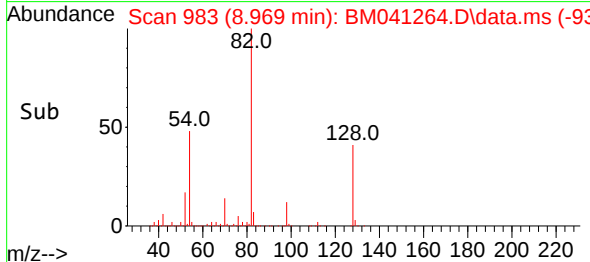
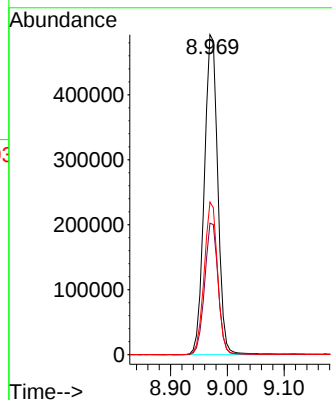
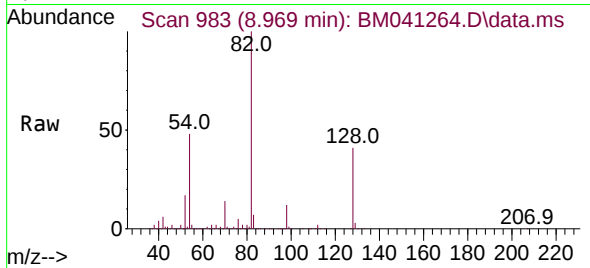




#23
Nitrobenzene-d5
Concen: 70.324 ng
RT: 8.969 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM041264.D
Acq: 03 Aug 2023 16:32

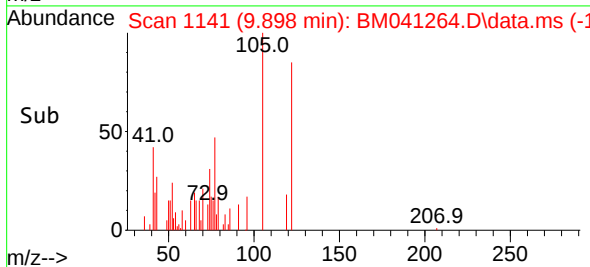
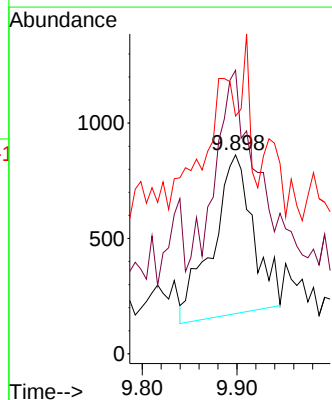
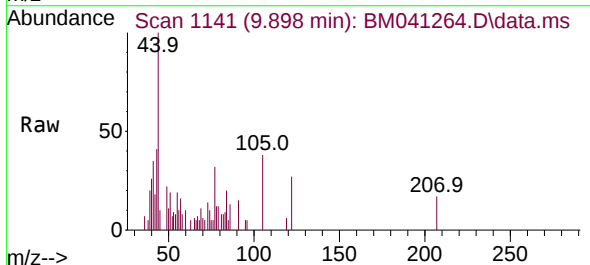
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)

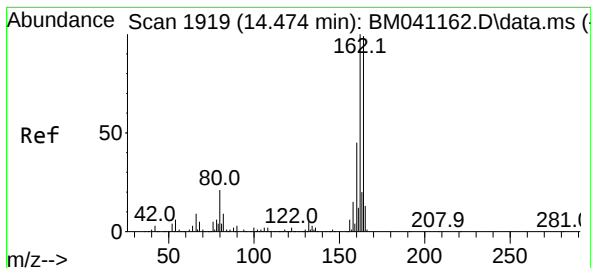
Tgt Ion: 82 Resp: 815169
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 47.6 40.1 60.1



#32
Benzoic acid
Concen: 7.443 ng
RT: 9.898 min Scan# 1141
Delta R.T. -0.059 min
Lab File: BM041264.D
Acq: 03 Aug 2023 16:32

Tgt Ion: 122 Resp: 2048
Ion Ratio Lower Upper
122 100
105 142.6 104.0 144.0
77 119.6 79.9 119.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BM041264.D

Acq: 03 Aug 2023 16:32

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)

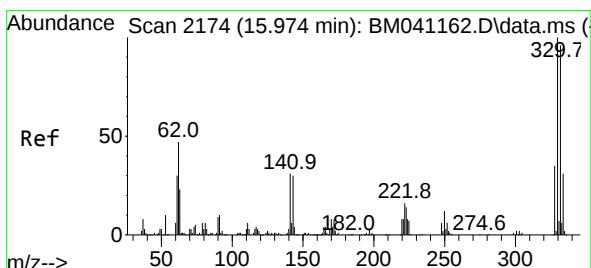
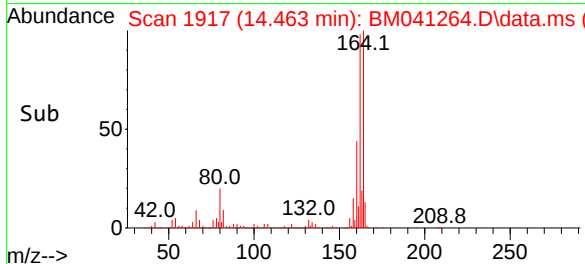
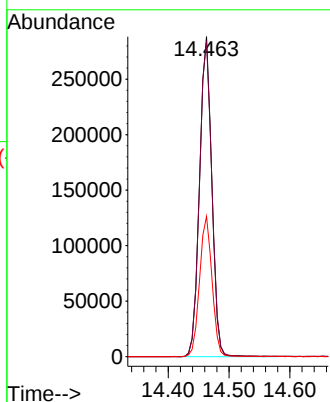
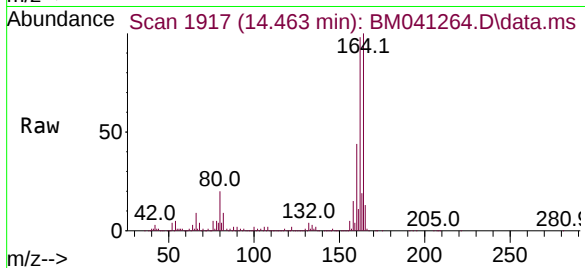
Tgt Ion:164 Resp: 401531

Ion Ratio Lower Upper

164 100

162 98.5 80.4 120.6

160 43.8 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 133.785 ng

RT: 15.969 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BM041264.D

Acq: 03 Aug 2023 16:32

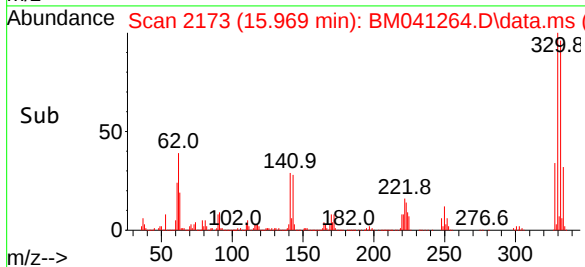
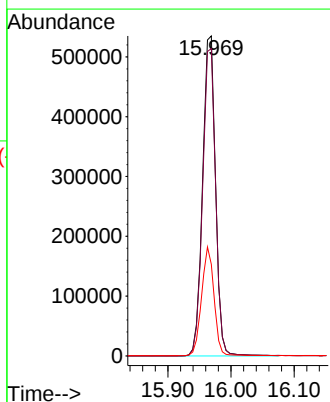
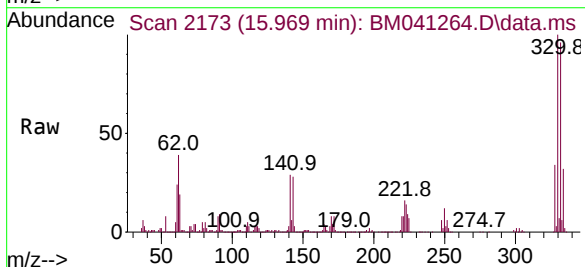
Tgt Ion:330 Resp: 759823

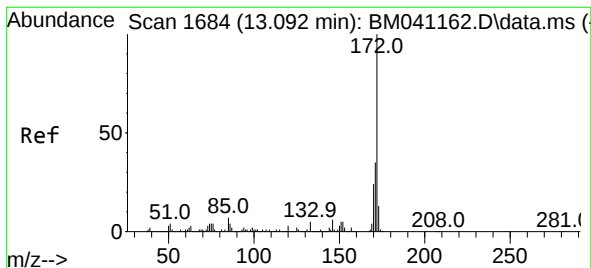
Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 32.6 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 67.845 ng

RT: 13.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041264.D

Acq: 03 Aug 2023 16:32

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)

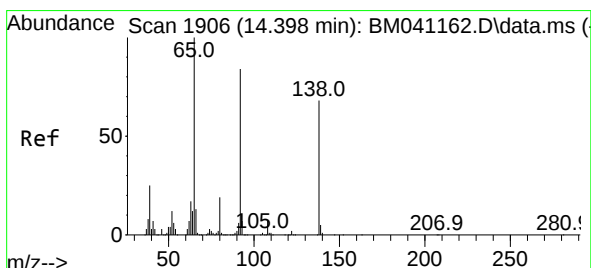
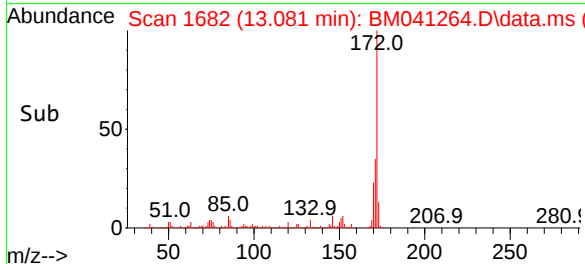
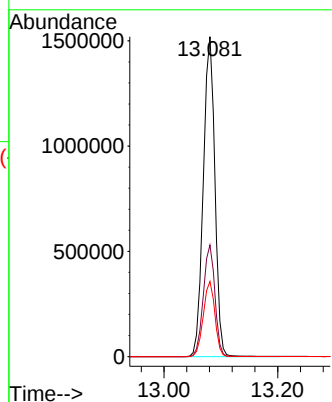
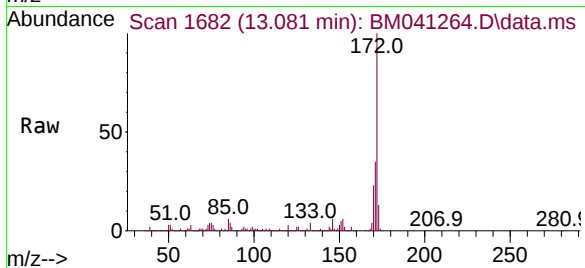
Tgt Ion:172 Resp: 2156497

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.5 18.9 28.3



#53

3-Nitroaniline

Concen: 2.593 ng

RT: 14.392 min Scan# 1905

Delta R.T. 0.000 min

Lab File: BM041264.D

Acq: 03 Aug 2023 16:32

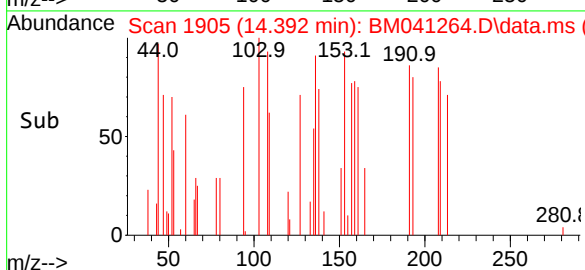
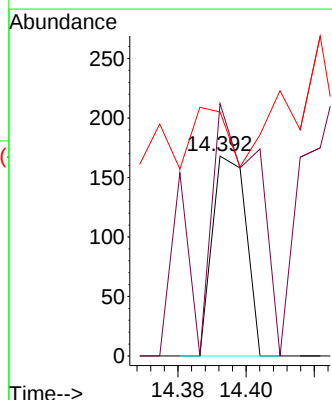
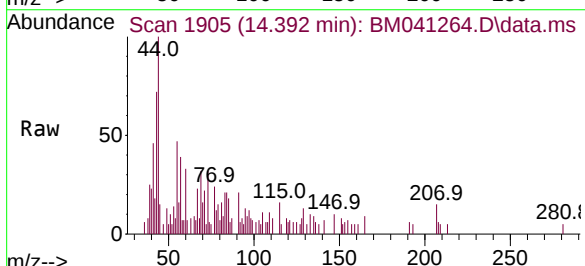
Tgt Ion:138 Resp: 115

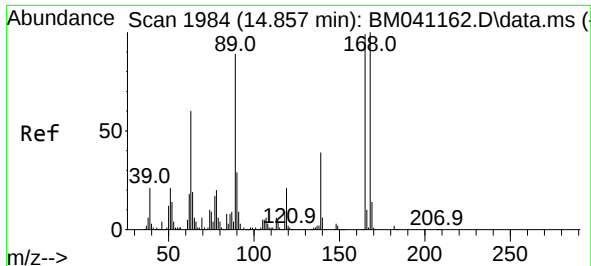
Ion Ratio Lower Upper

138 100

108 126.2 7.6 11.4#

92 122.0 98.9 148.3

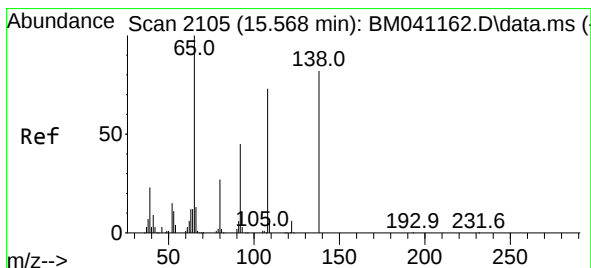
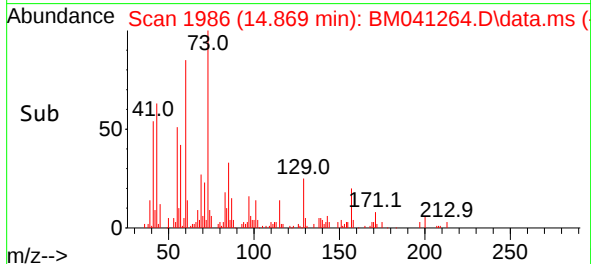
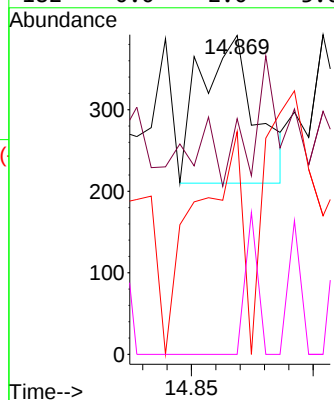
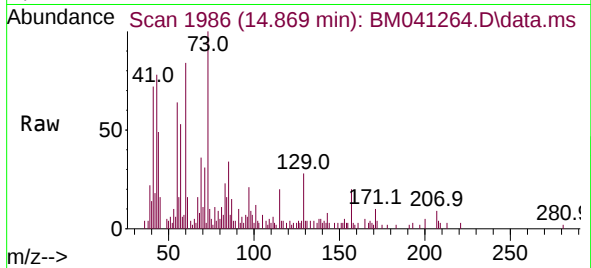




#57
2,4-Dinitrotoluene
Concen: 2.700 ng
RT: 14.869 min Scan# 1984
Delta R.T. 0.012 min
Lab File: BM041264.D
Acq: 03 Aug 2023 16:32

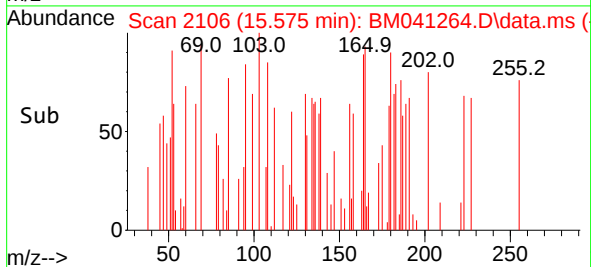
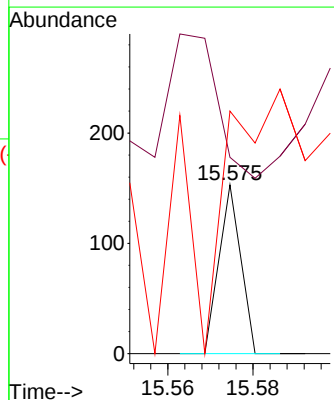
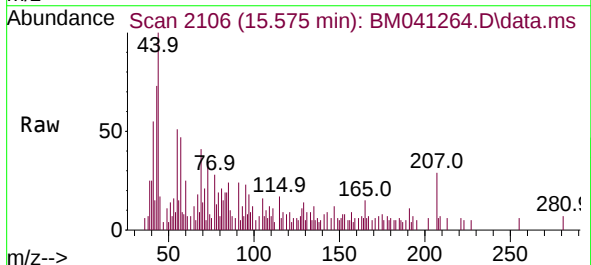
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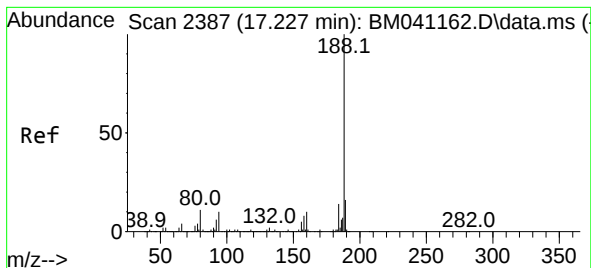
Tgt Ion:165 Resp: 284
Ion Ratio Lower Upper
165 100
63 73.9 48.3 72.5#
89 69.8 71.8 107.8#
182 0.0 2.0 3.0#



#62
4-Nitroaniline
Concen: 4.155 ng
RT: 15.575 min Scan# 2106
Delta R.T. 0.012 min
Lab File: BM041264.D
Acq: 03 Aug 2023 16:32

Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
92 116.3 35.1 75.1#
108 143.8 67.8 107.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.222 min Scan# 2387

Delta R.T. 0.000 min

Lab File: BM041264.D

Acq: 03 Aug 2023 16:32

Instrument :

BNA_M

ClientSampleId :

BUILDING-B-11-(10-15)

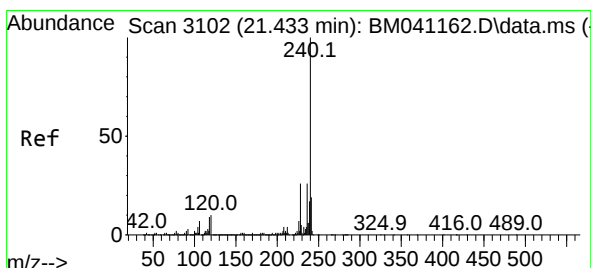
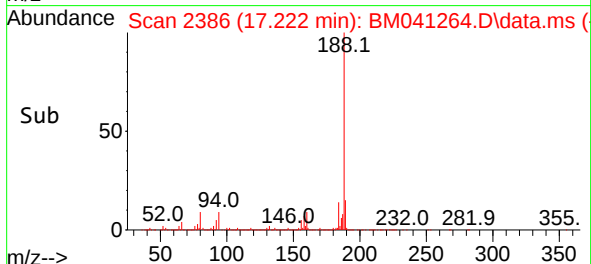
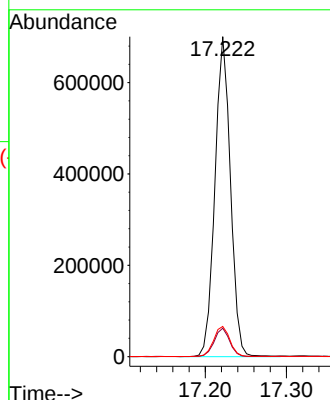
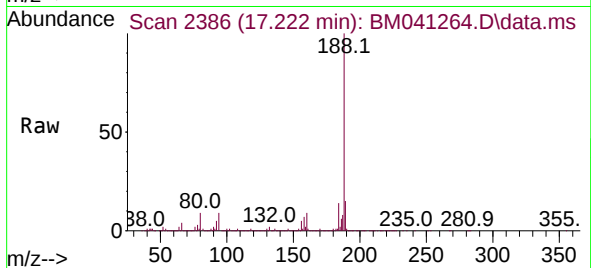
Tgt Ion:188 Resp: 929140

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

80 9.4 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.012 min

Lab File: BM041264.D

Acq: 03 Aug 2023 16:32

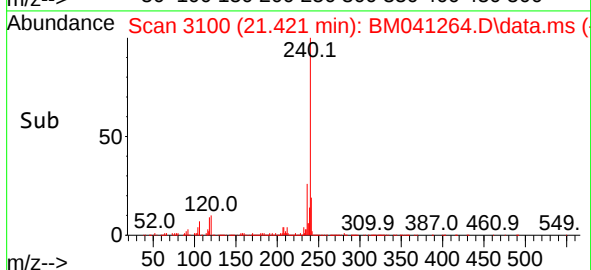
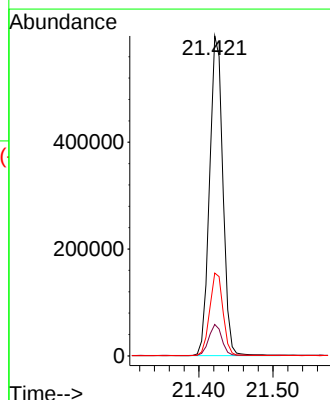
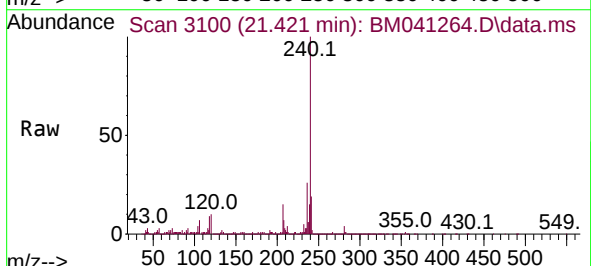
Tgt Ion:240 Resp: 744804

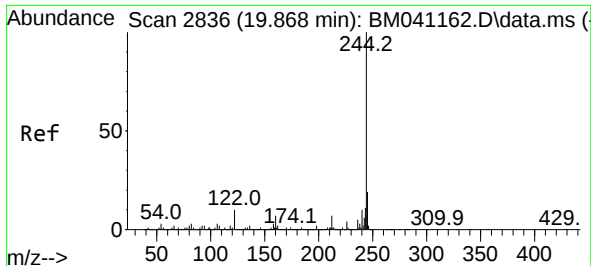
Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

236 25.9 20.6 30.8

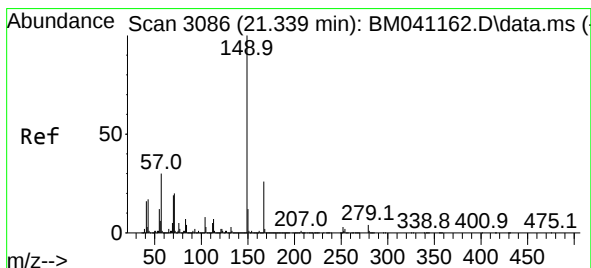
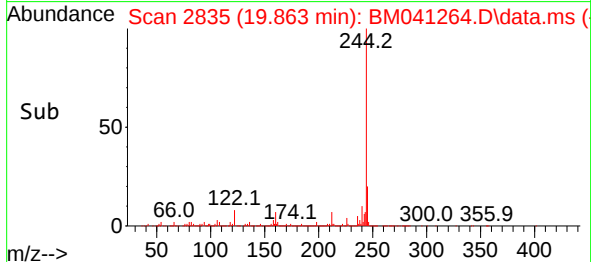
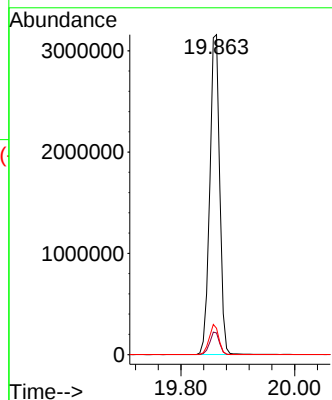
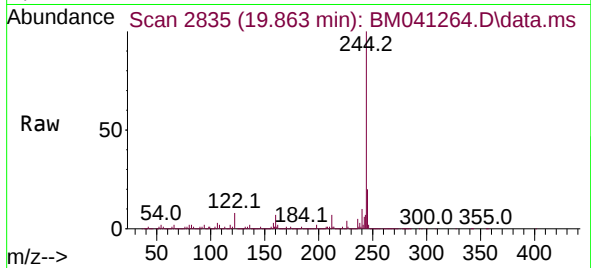




#79
 Terphenyl-d14
 Concen: 93.492 ng
 RT: 19.863 min Scan# 2836
 Delta R.T. 0.000 min
 Lab File: BM041264.D
 Acq: 03 Aug 2023 16:32

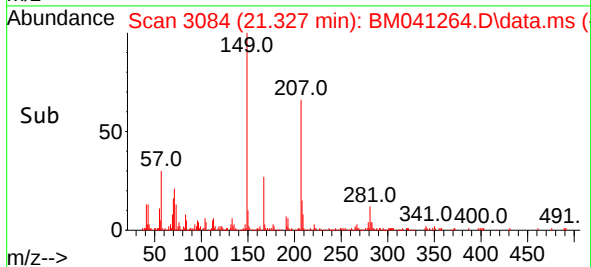
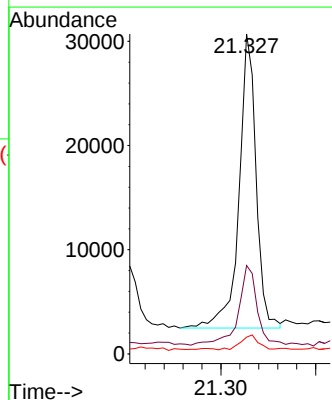
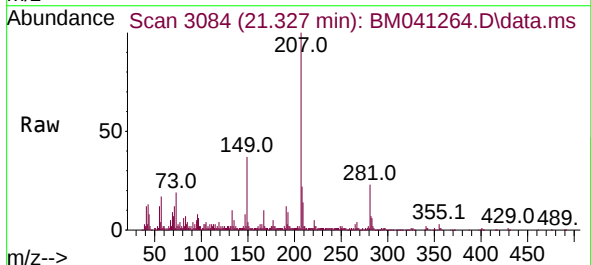
Instrument :
 BNA_M
 ClientSampleId :
 BUILDING-B-11-(10-15)

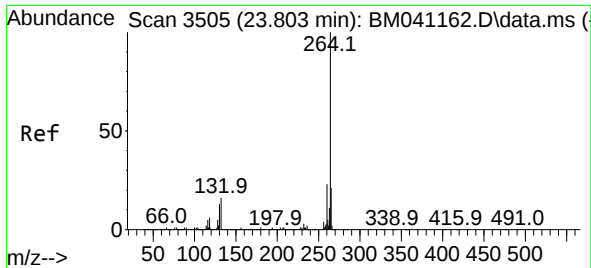
Tgt Ion:244 Resp: 3851273
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 8.2 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.647 ng
 RT: 21.327 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BM041264.D
 Acq: 03 Aug 2023 16:32

Tgt Ion:149 Resp: 35339
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.0 31.6
 279 5.2 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.792 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM041264.D
Acq: 03 Aug 2023 16:32

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-11-(10-15)

Tgt Ion:264 Resp: 739873

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.5	17.4	26.0

