

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041265.D
 Acq On : 03 Aug 2023 17:09
 Operator : MA/JU
 Sample : 03686-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-28-0-2-20230721

Quant Time: Aug 04 01:20:41 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)

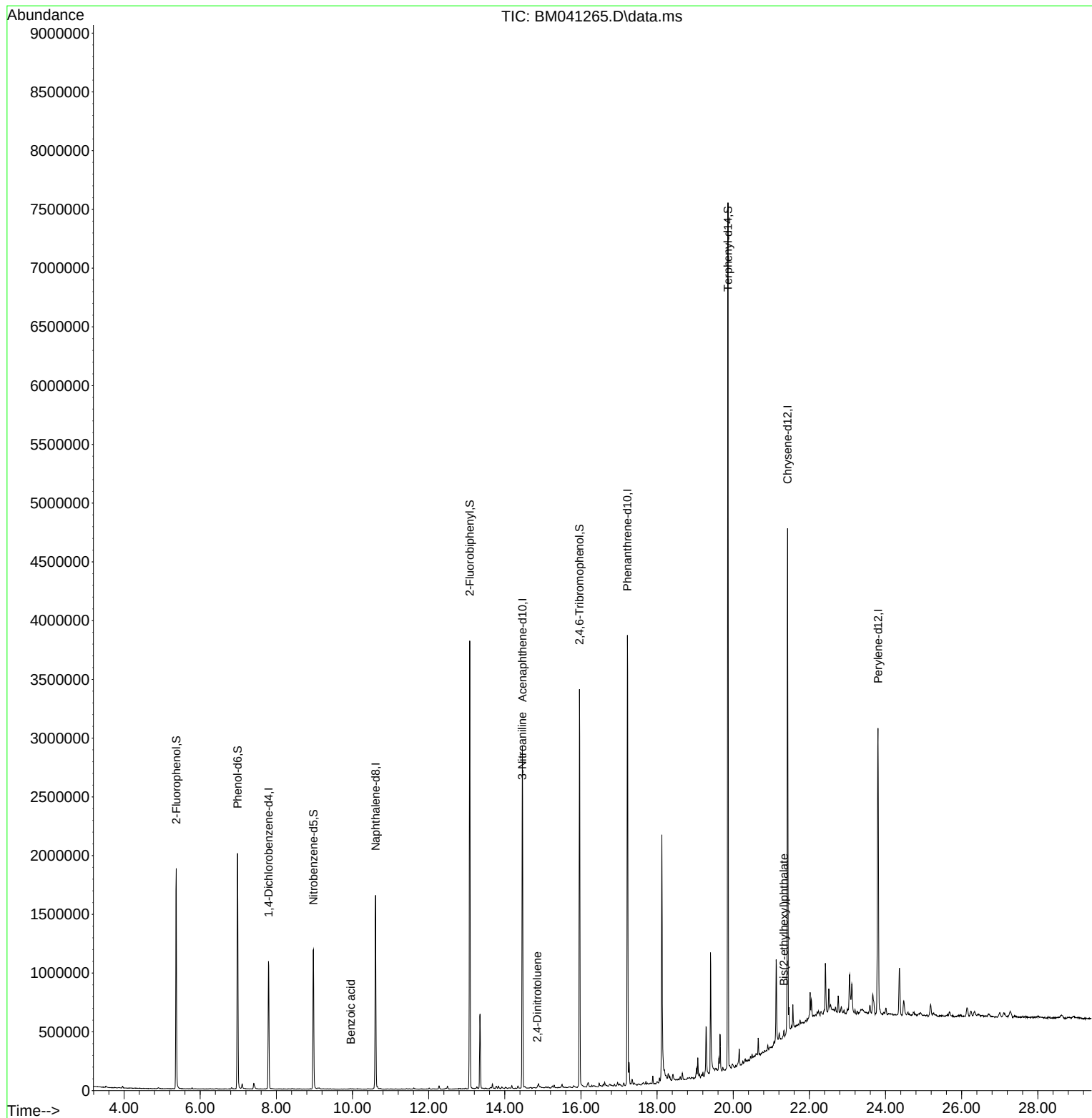
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	282598	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1286227	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	933748	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2202944	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1865709	20.000	ng	0.00
86) Perylene-d12	23.803	264	1809480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	777226	41.105	ng	0.00
7) Phenol-d6	6.981	99	1097755	44.789	ng	0.00
23) Nitrobenzene-d5	8.975	82	698901	25.269	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	620115	46.952	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1836664	24.848	ng	0.00
79) Terphenyl-d14	19.862	244	3460172	33.532	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	9.957	122	151	7.164	ng	# 28
53) 3-Nitroaniline	14.457	138	145	2.586	ng	# 1
57) 2,4-Dinitrotoluene	14.851	165	267	2.683	ng	# 28
84) Bis(2-ethylhexyl)phtha...	21.333	149	17794	2.762	ng	# 95

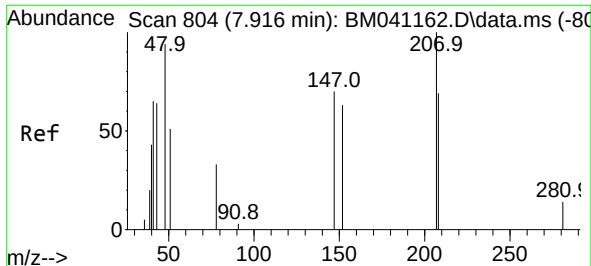
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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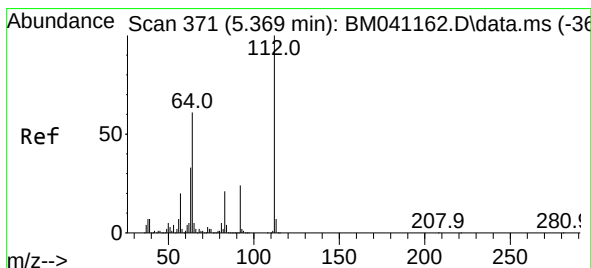
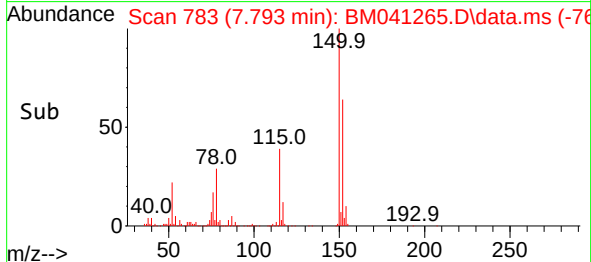
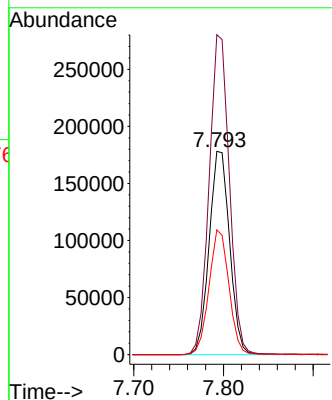
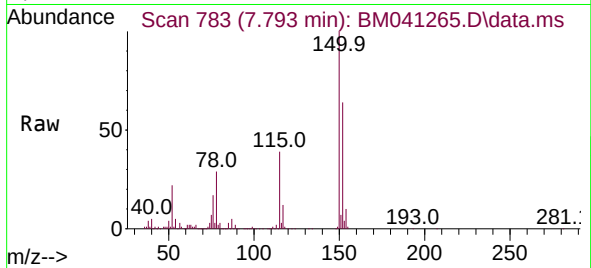




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.793 min Scan# 783
 Delta R.T. -0.000 min
 Lab File: BM041265.D
 Acq: 03 Aug 2023 17:09

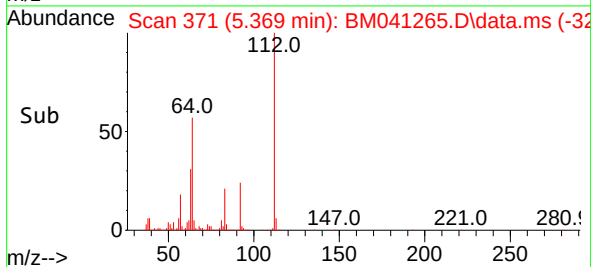
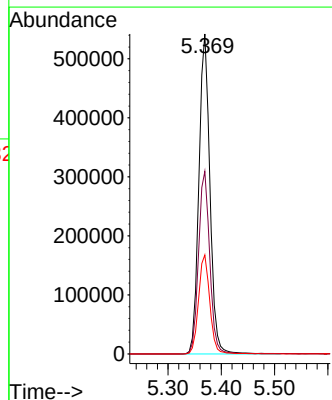
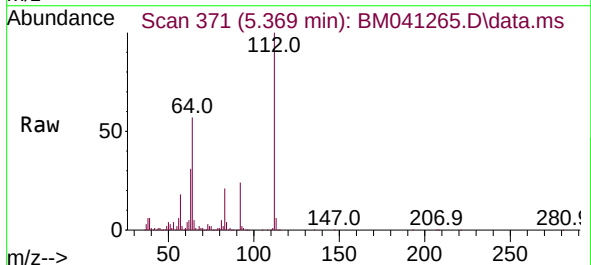
Instrument :
 BNA_M
 ClientSampleId :
 SB-28-0-2-20230721

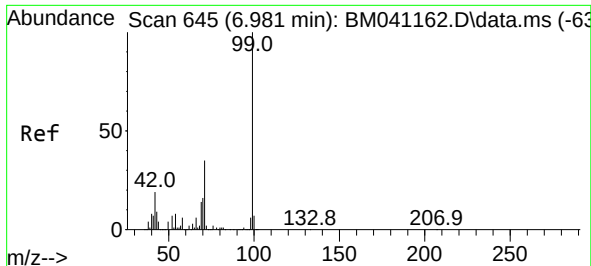
Tgt Ion:152 Resp: 282598
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.5 188.3
 115 61.3 48.0 72.0



#5
 2-Fluorophenol
 Concen: 41.105 ng
 RT: 5.369 min Scan# 371
 Delta R.T. -0.000 min
 Lab File: BM041265.D
 Acq: 03 Aug 2023 17:09

Tgt Ion:112 Resp: 777226
 Ion Ratio Lower Upper
 112 100
 64 57.0 48.5 72.7
 63 30.9 26.5 39.7

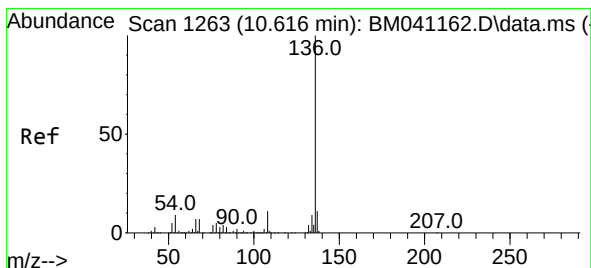
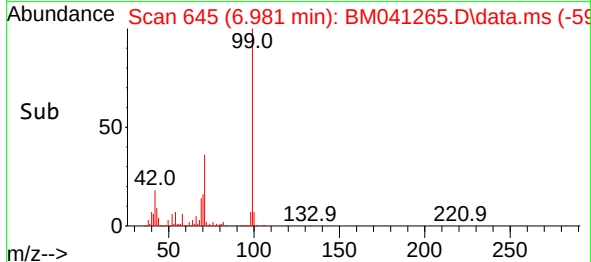
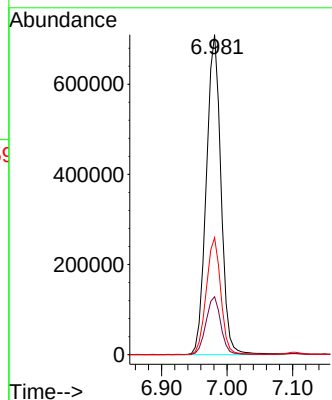
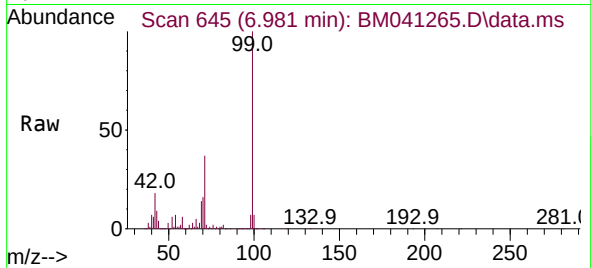




#7
Phenol-d6
Concen: 44.789 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

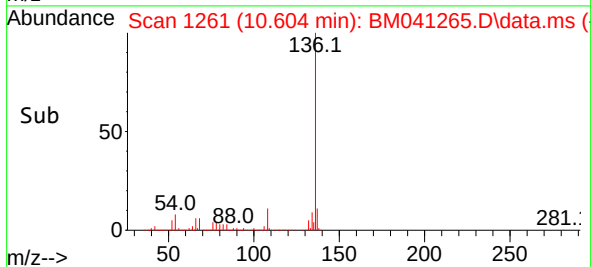
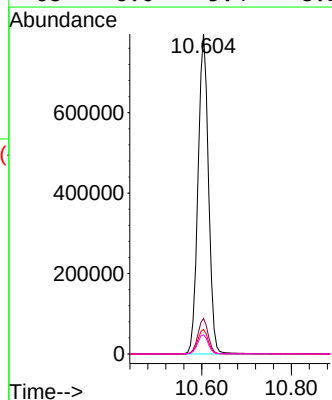
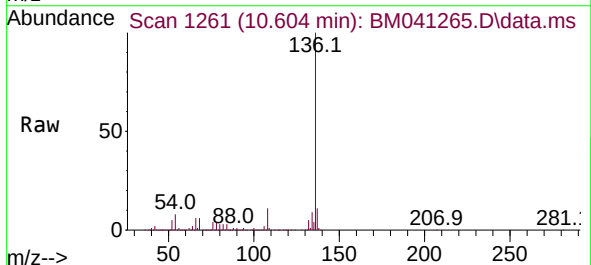
Instrument :
BNA_M
ClientSampleId :
SB-28-0-2-20230721

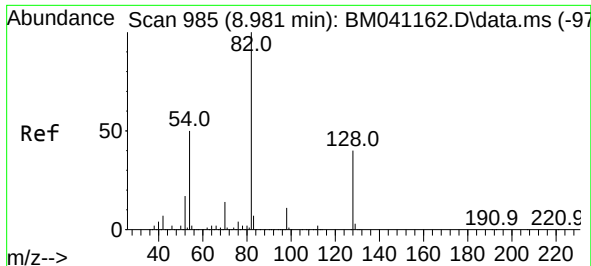
Tgt Ion: 99 Resp: 1097755
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

Tgt Ion: 136 Resp: 1286227
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.6 6.9 10.3
68 6.0 5.4 8.2

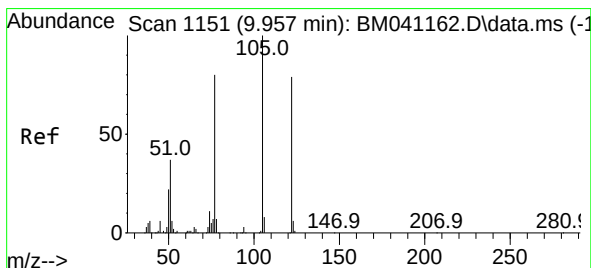
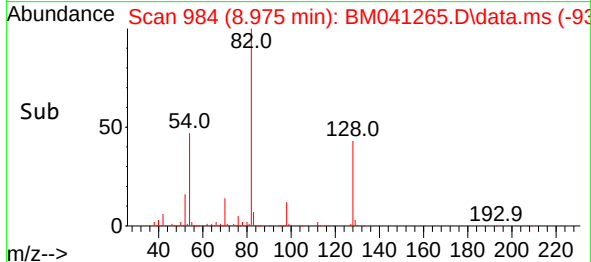
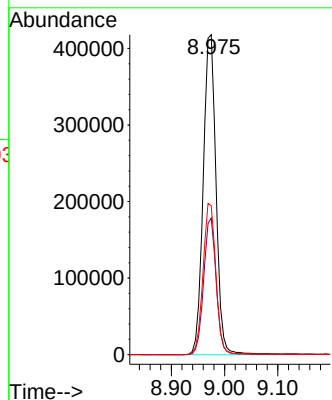
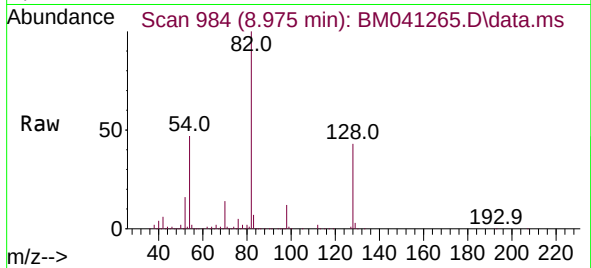




#23
Nitrobenzene-d5
Concen: 25.269 ng
RT: 8.975 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

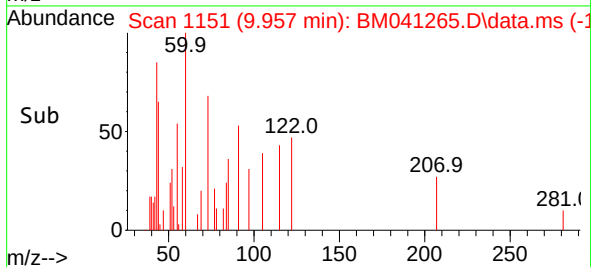
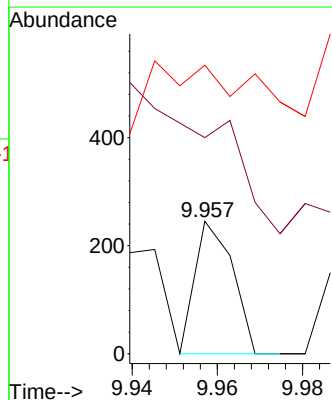
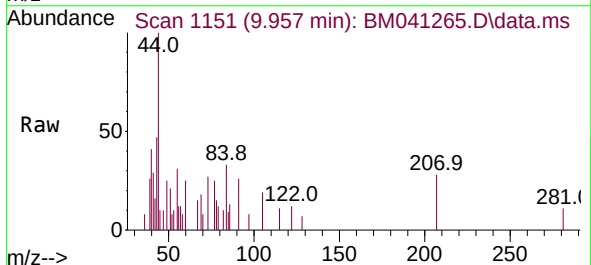
Instrument :
BNA_M
ClientSampleId :
SB-28-0-2-20230721

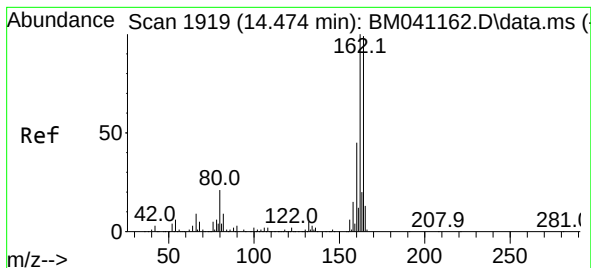
Tgt Ion: 82 Resp: 698901
Ion Ratio Lower Upper
82 100
128 42.7 31.8 47.6
54 46.5 40.1 60.1



#32
Benzoic acid
Concen: 7.164 ng
RT: 9.957 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM041265.D
Acq: 03 Aug 2023 17:09

Tgt Ion: 122 Resp: 151
Ion Ratio Lower Upper
122 100
105 163.3 104.0 144.0#
77 218.0 79.9 119.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

Instrument :

BNA_M

ClientSampleId :

SB-28-0-2-20230721

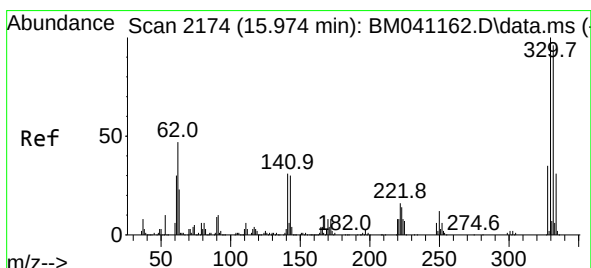
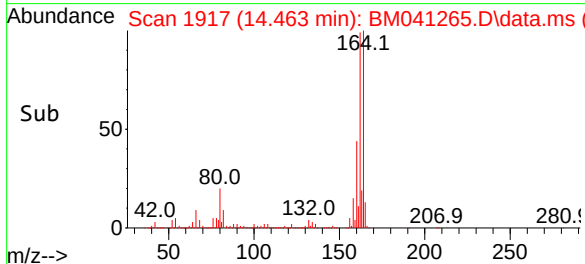
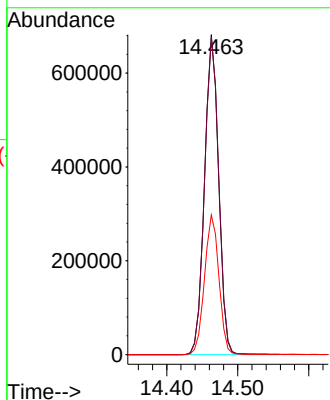
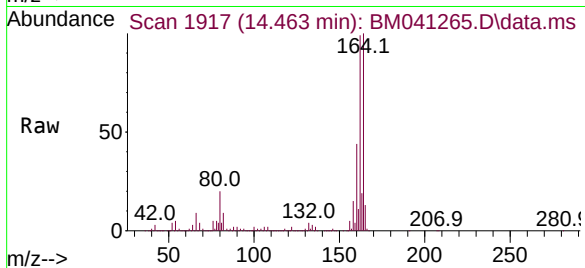
Tgt Ion:164 Resp: 933748

Ion Ratio Lower Upper

164 100

162 99.1 80.4 120.6

160 43.6 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 46.952 ng

RT: 15.963 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

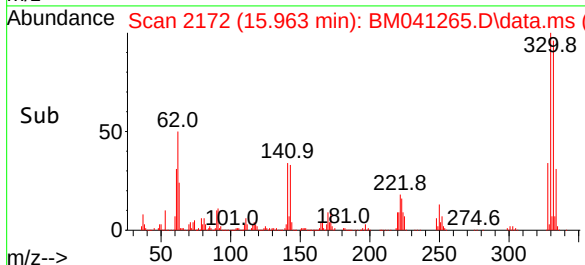
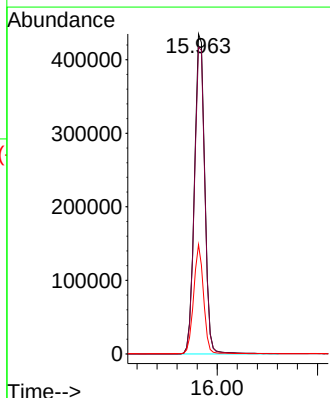
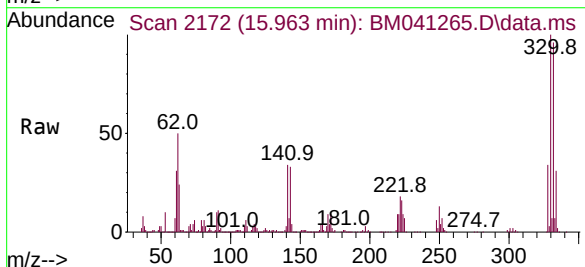
Tgt Ion:330 Resp: 620115

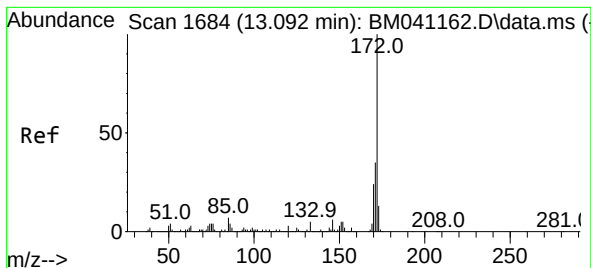
Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 32.4 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 24.848 ng

RT: 13.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

Instrument :

BNA_M

ClientSampleId :

SB-28-0-2-20230721

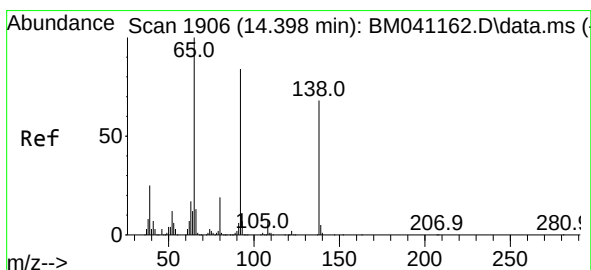
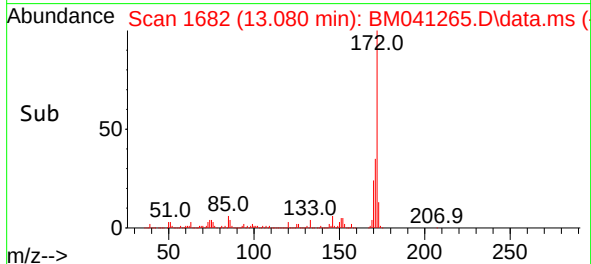
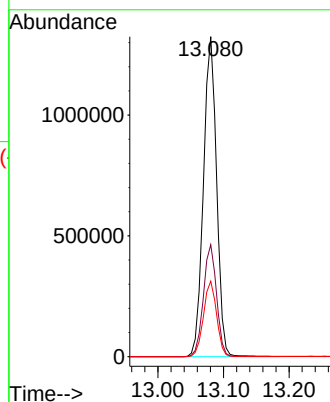
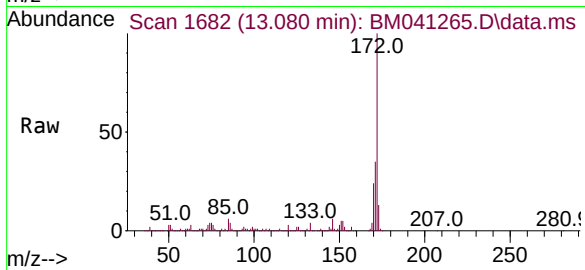
Tgt Ion:172 Resp: 1836664

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.6 18.9 28.3



#53

3-Nitroaniline

Concen: 2.586 ng

RT: 14.457 min Scan# 1916

Delta R.T. 0.065 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

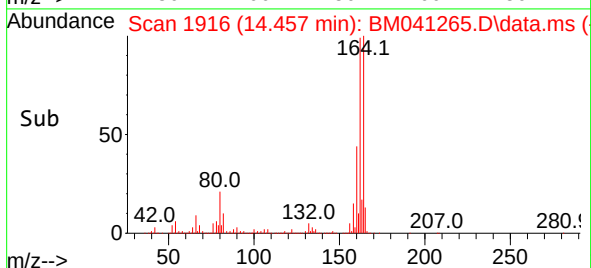
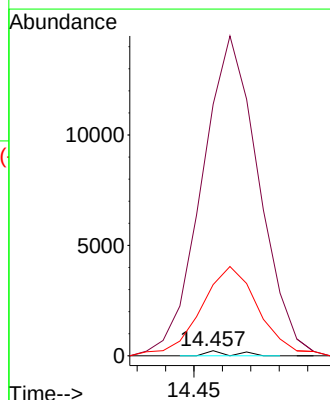
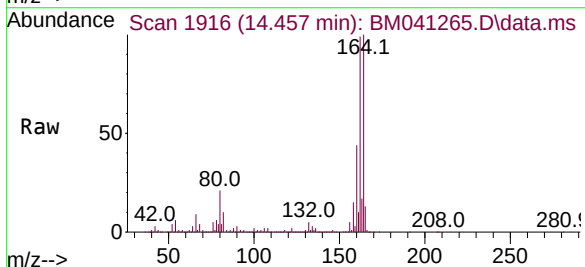
Tgt Ion:138 Resp: 145

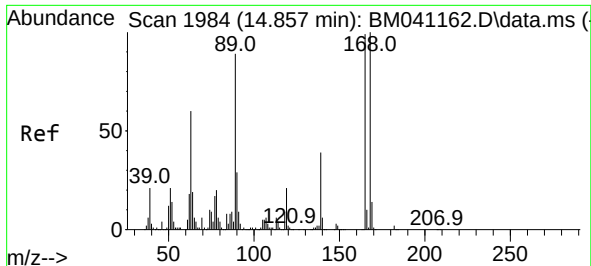
Ion Ratio Lower Upper

138 100

108 4808.0 7.6 11.4#

92 1360.3 98.9 148.3#





#57

2,4-Dinitrotoluene

Concen: 2.683 ng

RT: 14.851 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BM041265.D

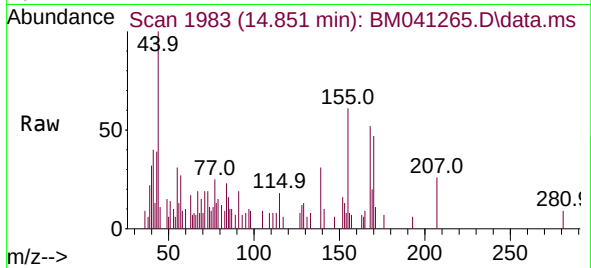
Acq: 03 Aug 2023 17:09

Instrument :

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ClientSampleId :

SB-28-0-2-20230721



Tgt Ion:165 Resp: 267

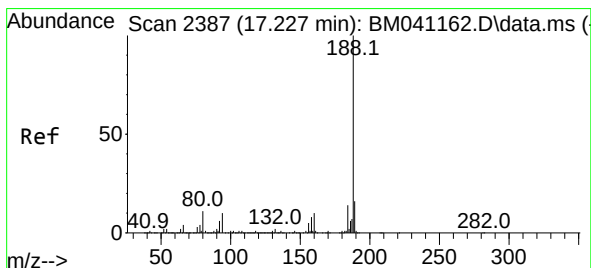
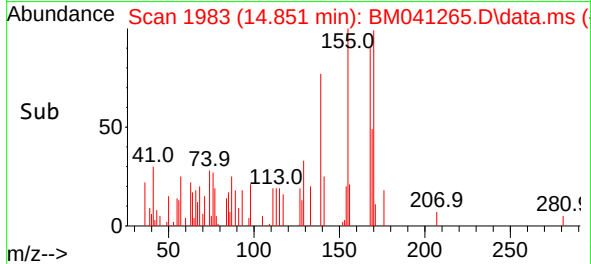
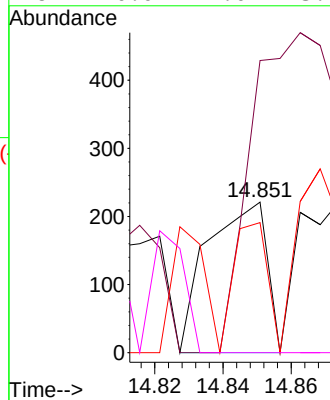
Ion Ratio Lower Upper

165 100

63 194.1 48.3 72.5#

89 86.4 71.8 107.8

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

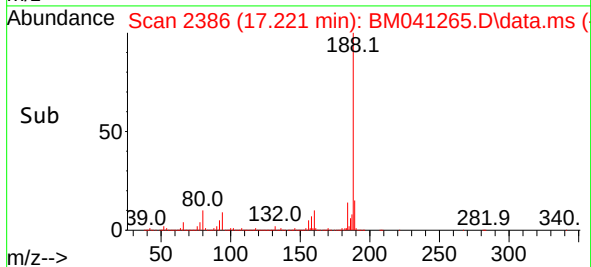
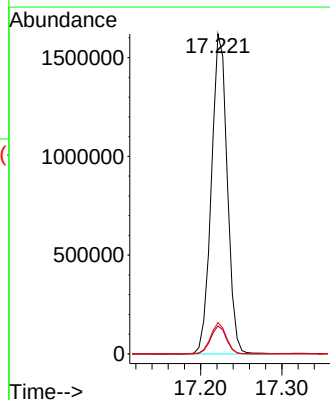
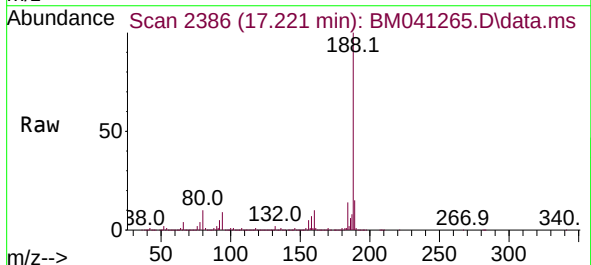
Tgt Ion:188 Resp: 2202944

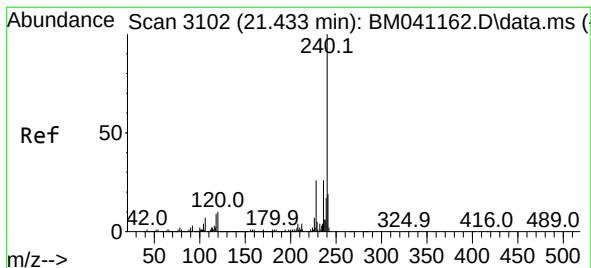
Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.8 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

Instrument :

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ClientSampleId :

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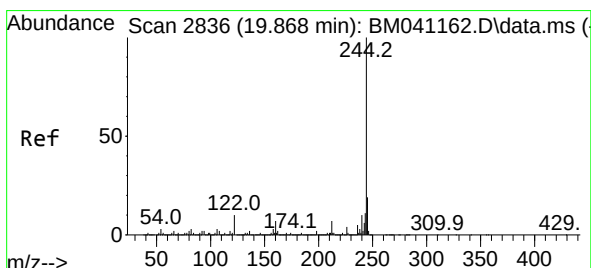
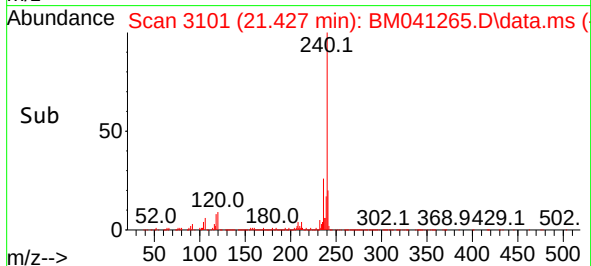
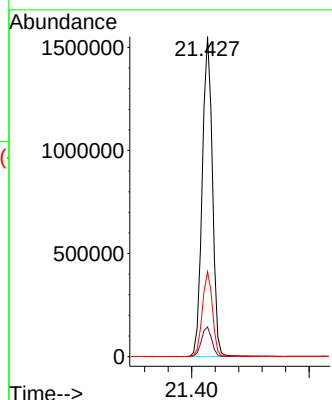
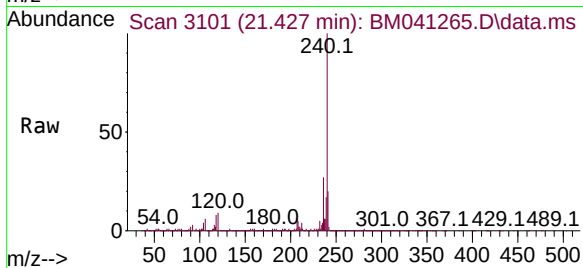
Tgt Ion:240 Resp: 1865709

Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 26.5 20.6 30.8



#79

Terphenyl-d14

Concen: 33.532 ng

RT: 19.862 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

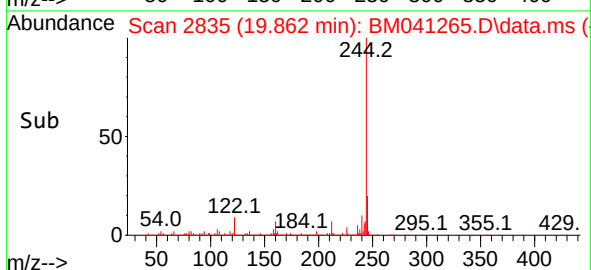
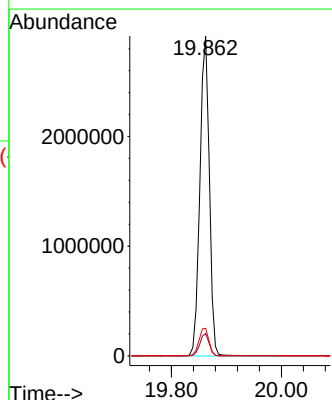
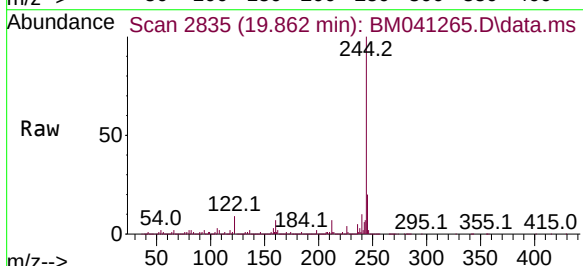
Tgt Ion:244 Resp: 3460172

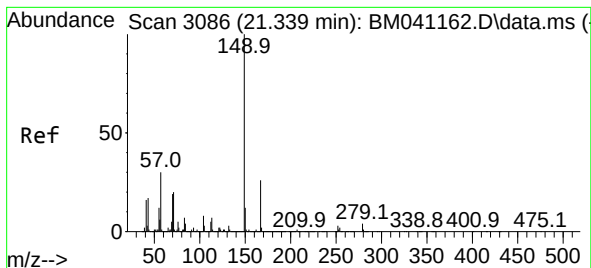
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.6 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.762 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

Instrument :

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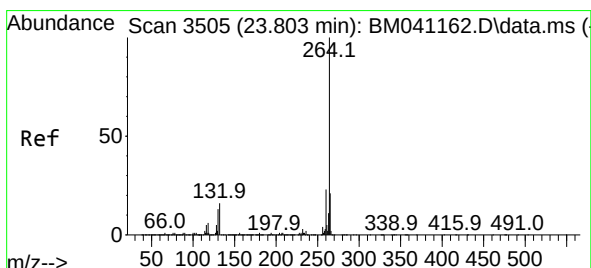
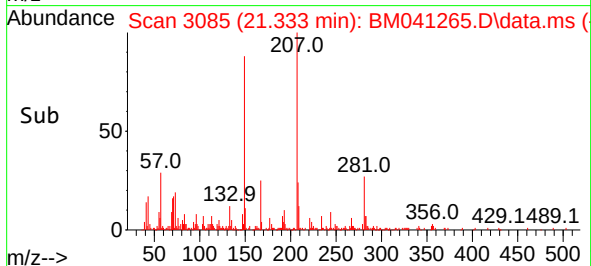
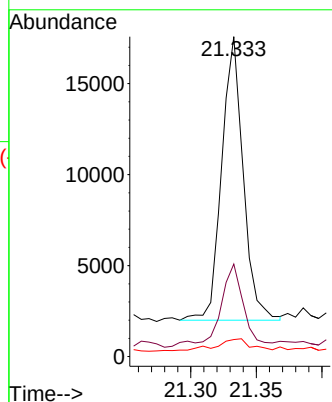
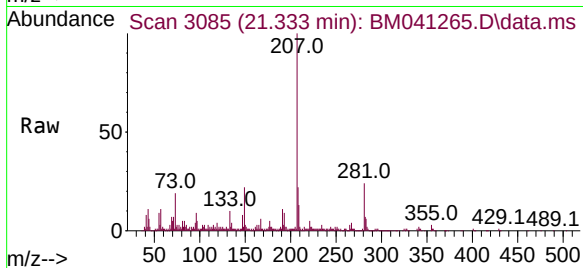
Tgt Ion:149 Resp: 17794

Ion Ratio Lower Upper

149 100

167 28.9 21.0 31.6

279 5.3 3.1 4.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.803 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BM041265.D

Acq: 03 Aug 2023 17:09

Tgt Ion:264 Resp: 1809480

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 22.2 17.4 26.0

