

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
 Data File : BM044607.D
 Acq On : 13 Mar 2024 21:00
 Operator : MA/JU
 Sample : PB159537BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Mar 14 02:40:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

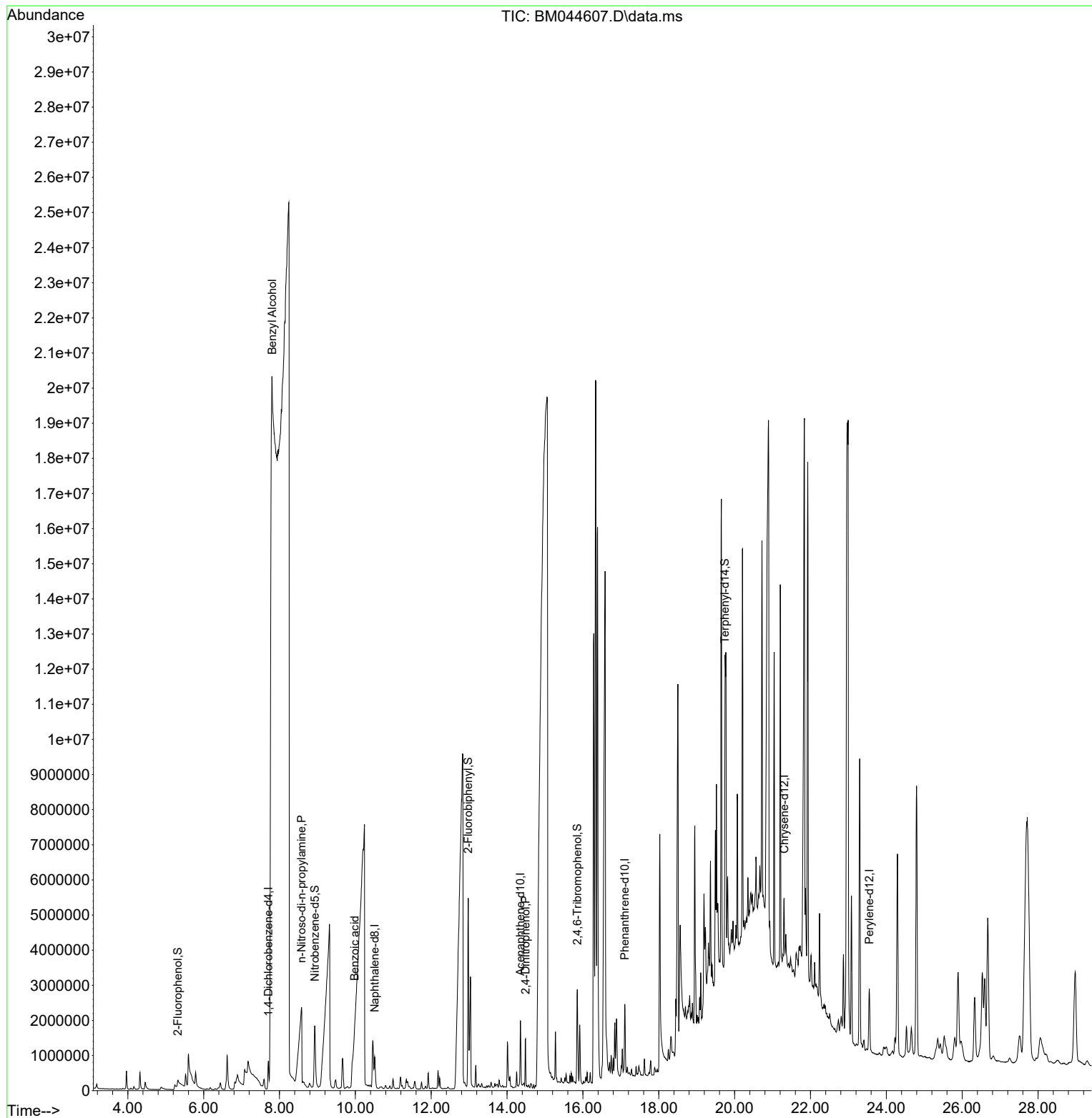
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	277833	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1023220	20.000	ng	0.02
39) Acenaphthene-d10	14.351	164	591769	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1096341	20.000	ng	0.00
76) Chrysene-d12	21.303	240	856326	20.000	ng	0.00
86) Perylene-d12	23.550	264	1047588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	503366	26.013	ng	0.02
7) Phenol-d6	6.916	99	2956	0.119	ng	0.04
23) Nitrobenzene-d5	8.928	82	1429545	67.306	ng	0.06
42) 2,4,6-Tribromophenol	15.851	330	473617	72.563	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	2892479	67.316	ng	0.00
79) Terphenyl-d14	19.745	244	3106763	63.467	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.810	79	62990	3.849	ng	# 28
19) n-Nitroso-di-n-propyla...	8.581	70	302451	19.894	ng	# 45
32) Benzoic acid	9.981	122	75733	9.127	ng	# 73
54) 2,4-Dinitrophenol	14.486	184	3590	5.071	ng	# 24

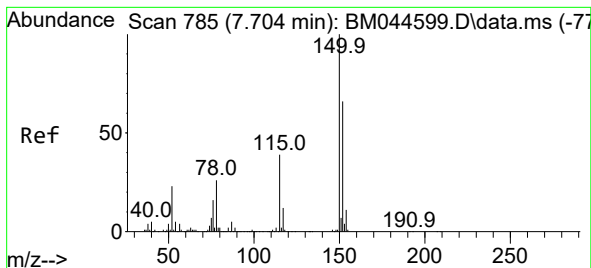
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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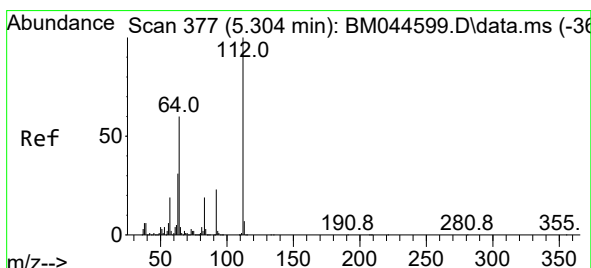
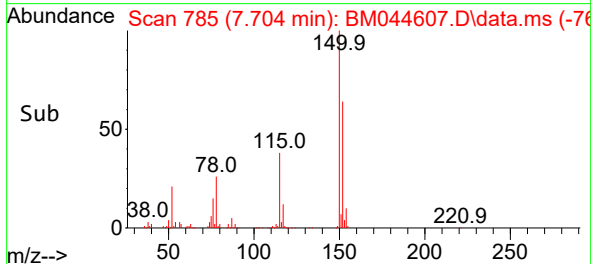
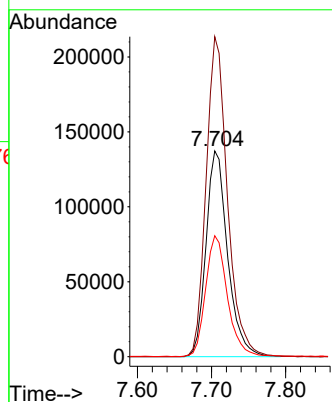
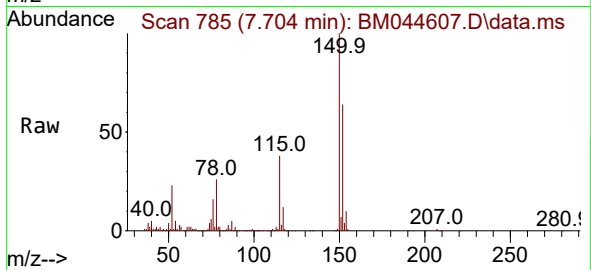




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.704 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

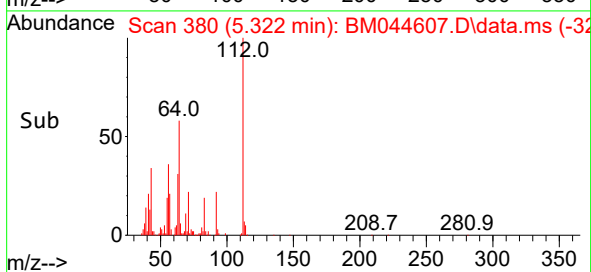
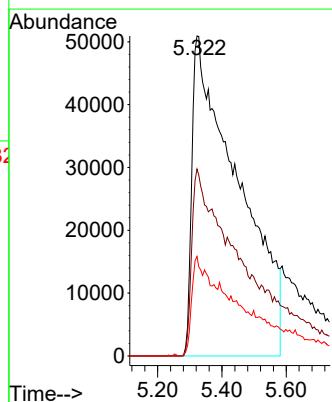
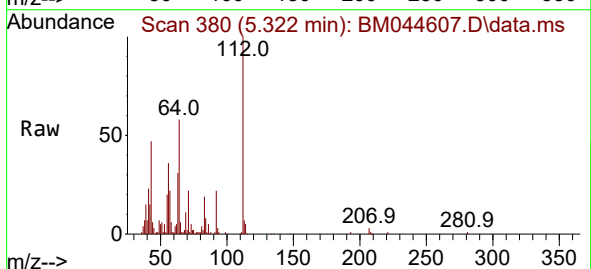
Instrument :
BNA_M
ClientSampleId :
EFF-WW

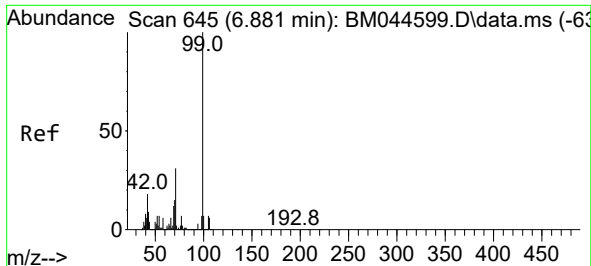
Tgt Ion:152 Resp: 277833
Ion Ratio Lower Upper
152 100
150 155.5 121.9 182.9
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 26.013 ng
RT: 5.322 min Scan# 380
Delta R.T. 0.018 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

Tgt Ion:112 Resp: 503366
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 31.1 25.0 37.4

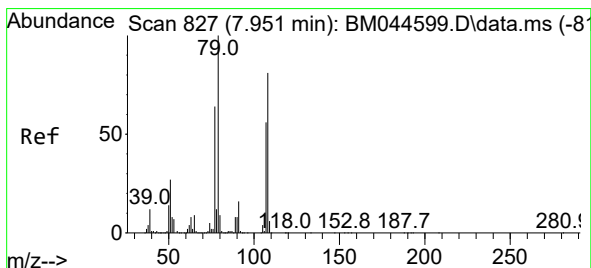
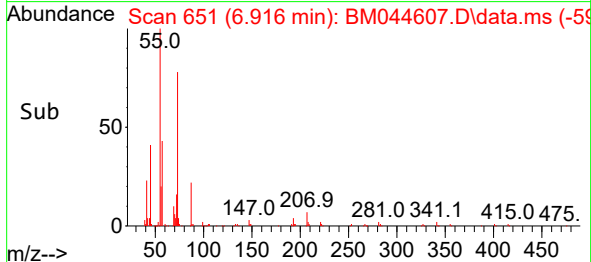
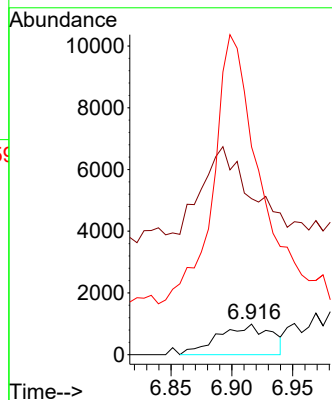
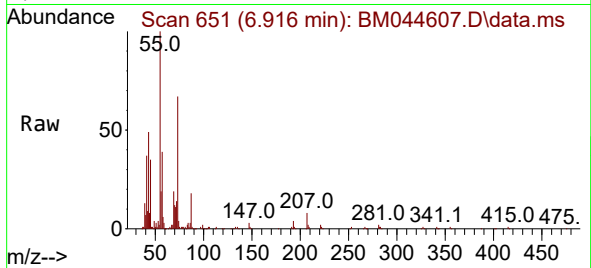




#7
Phenol-d6
Concen: 0.119 ng
RT: 6.916 min Scan# 61
Delta R.T. 0.035 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

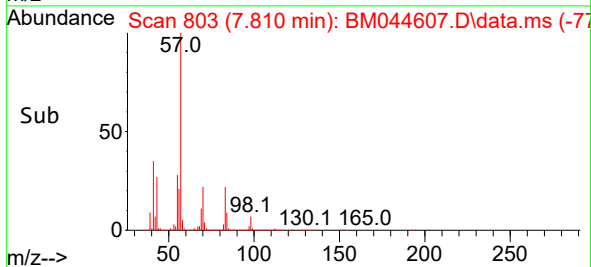
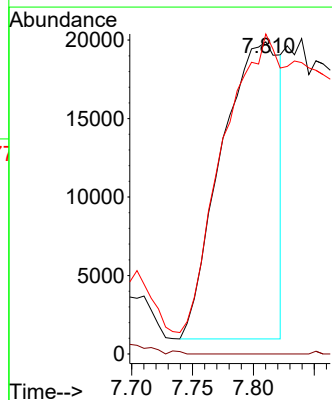
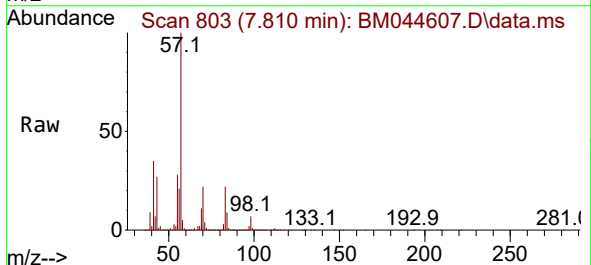
Instrument :
BNA_M
ClientSampleId :
EFF-WW

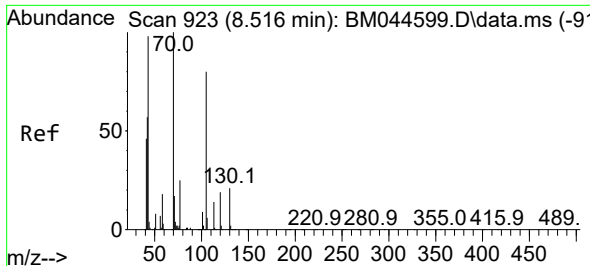
Tgt Ion: 99 Resp: 2956
Ion Ratio Lower Upper
99 100
42 511.3 14.3 21.5#
71 681.6 24.5 36.7#



#15
Benzyl Alcohol
Concen: 3.849 ng
RT: 7.810 min Scan# 803
Delta R.T. -0.141 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

Tgt Ion: 79 Resp: 62990
Ion Ratio Lower Upper
79 100
108 0.0 65.0 97.6#
77 102.5 51.7 77.5#





#19

n-Nitroso-di-n-propylamine

Concen: 19.894 ng

RT: 8.581 min Scan# 91

Delta R.T. 0.065 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

Instrument :

BNA_M

ClientSampleId :

EFF-WW

Tgt Ion: 70 Resp: 302451

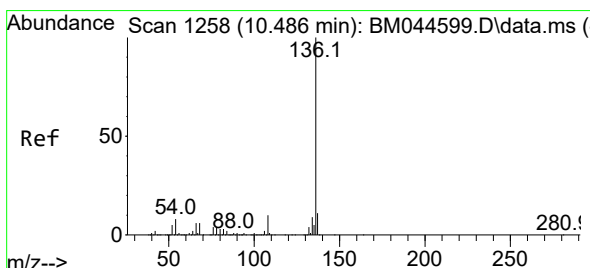
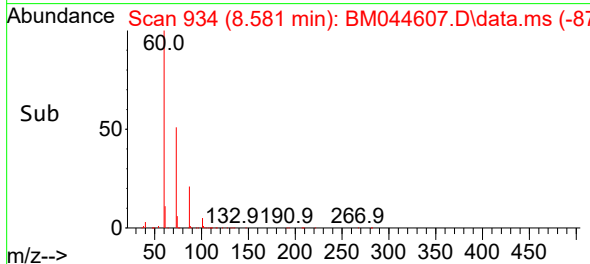
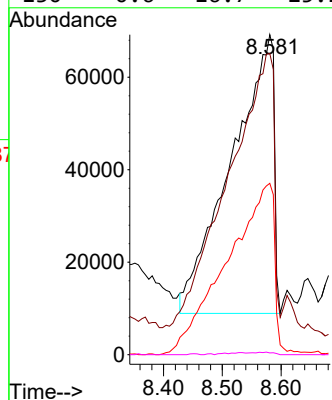
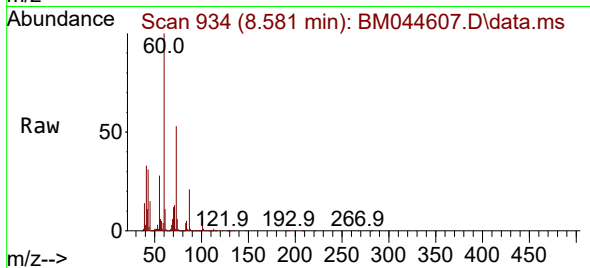
Ion Ratio Lower Upper

70 100

42 94.1 46.6 69.8#

101 53.5 7.6 11.4#

130 0.6 16.7 25.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.510 min Scan# 1262

Delta R.T. 0.024 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

Tgt Ion: 136 Resp: 1023220

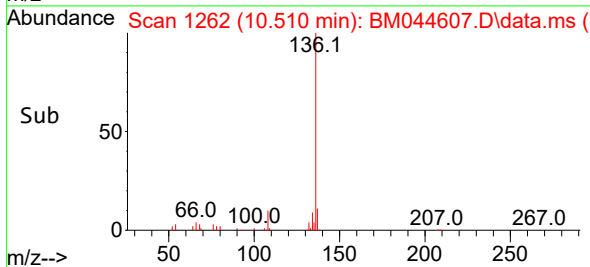
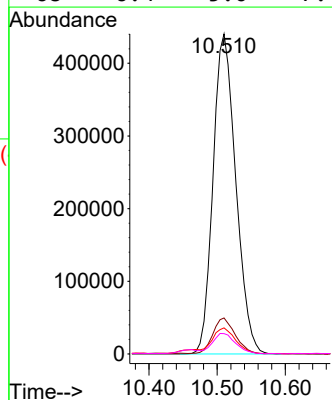
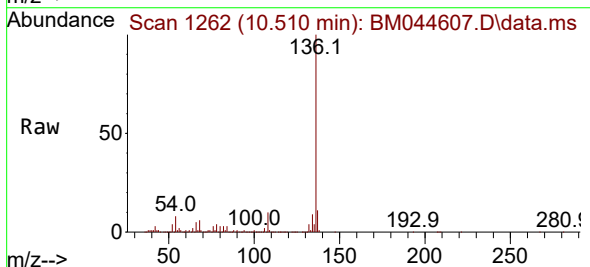
Ion Ratio Lower Upper

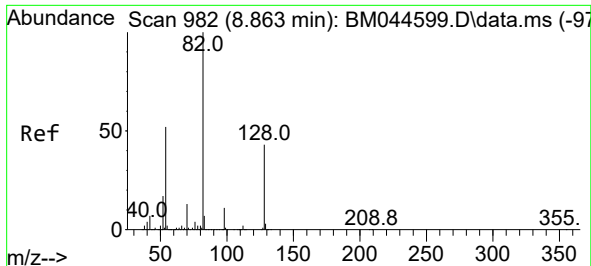
136 100

137 11.3 8.9 13.3

54 8.1 6.6 10.0

68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 67.306 ng

RT: 8.928 min Scan# 91

Delta R.T. 0.065 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

Instrument :

BNA_M

ClientSampleId :

EFF-WW

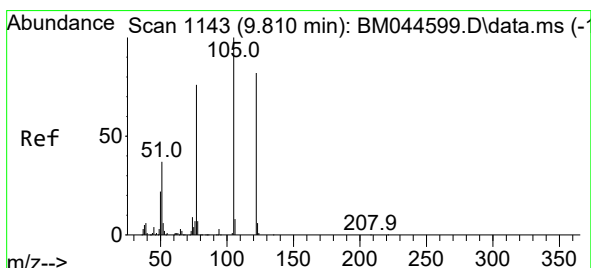
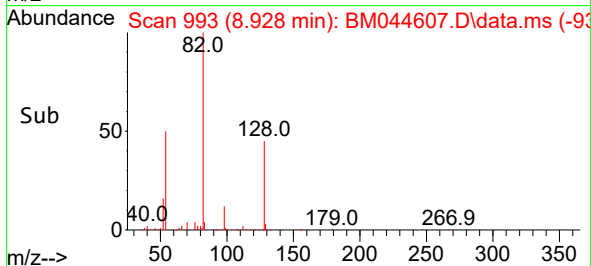
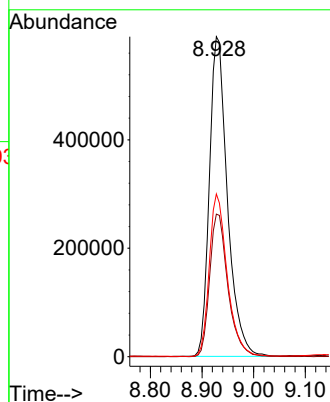
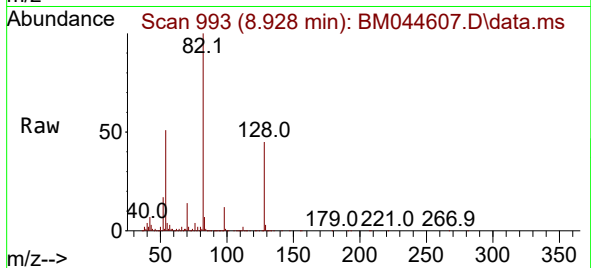
Tgt Ion: 82 Resp: 1429545

Ion Ratio Lower Upper

82 100

128 44.6 34.2 51.4

54 50.8 41.3 61.9



#32

Benzoic acid

Concen: 9.127 ng

RT: 9.981 min Scan# 1172

Delta R.T. 0.171 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

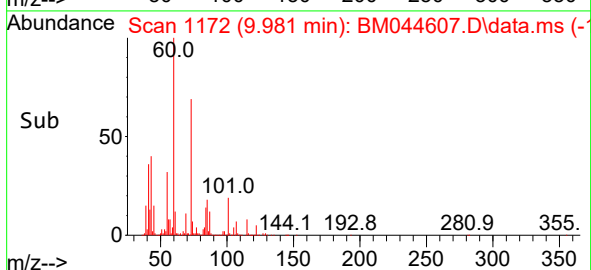
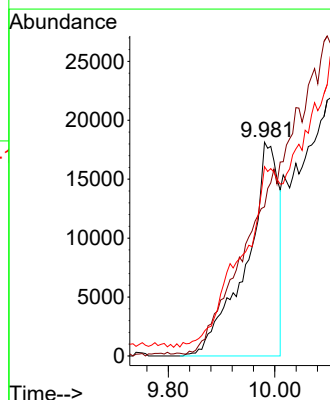
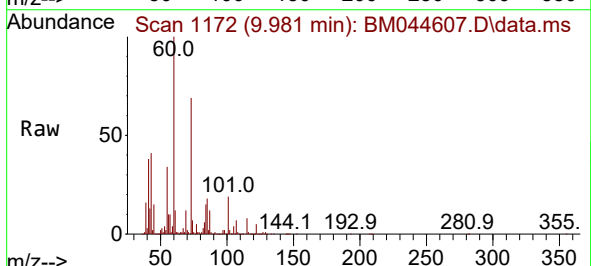
Tgt Ion:122 Resp: 75733

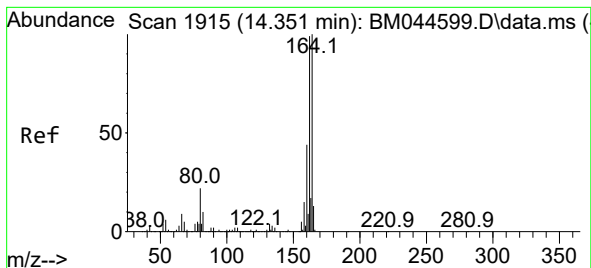
Ion Ratio Lower Upper

122 100

105 69.8 100.0 140.0#

77 88.6 72.5 112.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

Instrument :

BNA_M

ClientSampleId :

EFF-WW

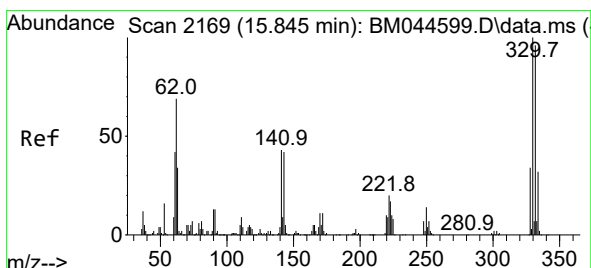
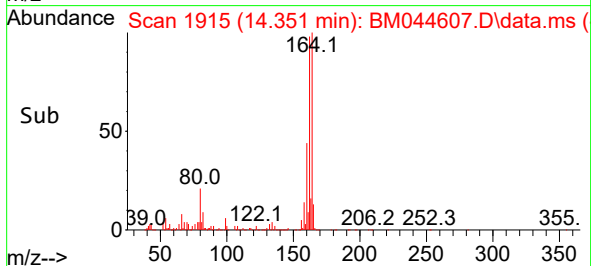
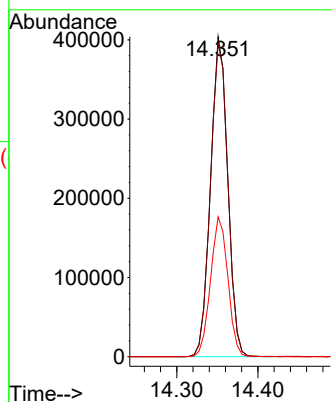
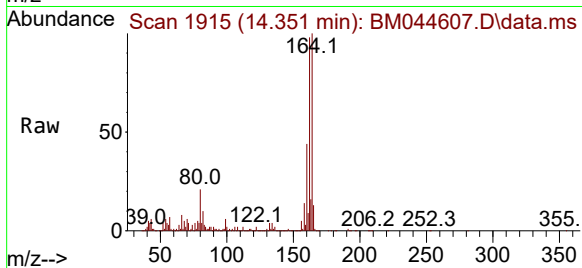
Tgt Ion:164 Resp: 591769

Ion Ratio Lower Upper

164 100

162 97.8 79.3 118.9

160 43.7 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 72.563 ng

RT: 15.851 min Scan# 2170

Delta R.T. 0.006 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

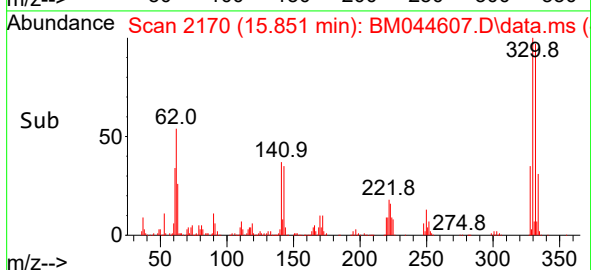
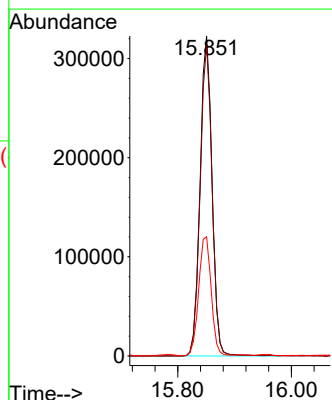
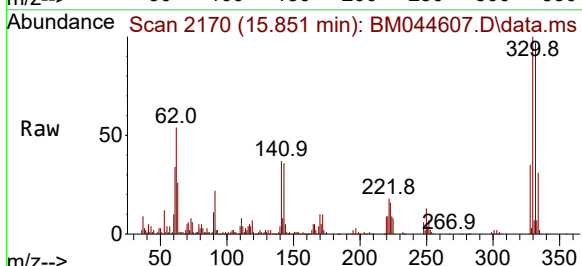
Tgt Ion:330 Resp: 473617

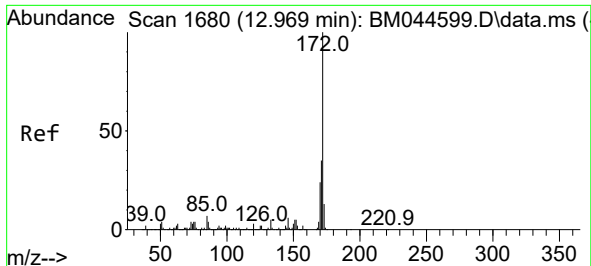
Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.8

141 38.8 33.4 50.0

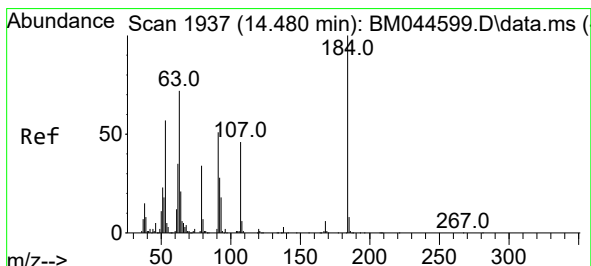
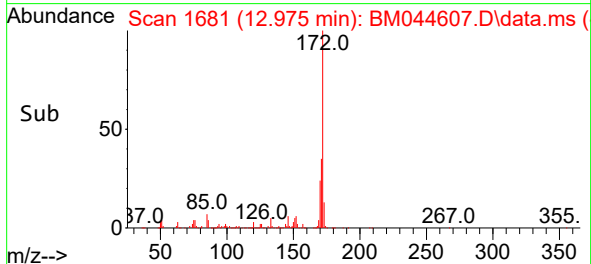
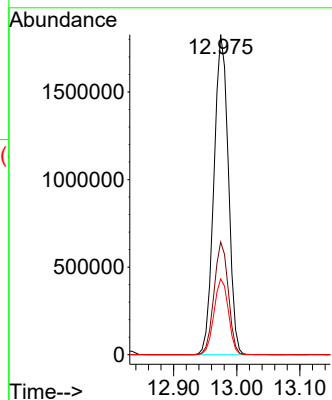
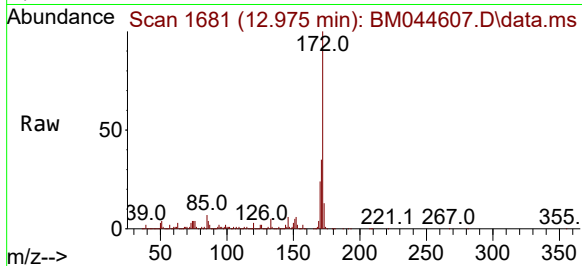




#45
2-Fluorobiphenyl
Concen: 67.316 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

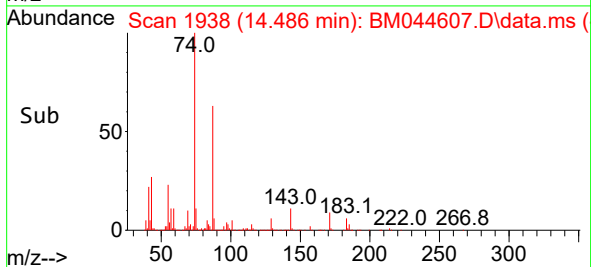
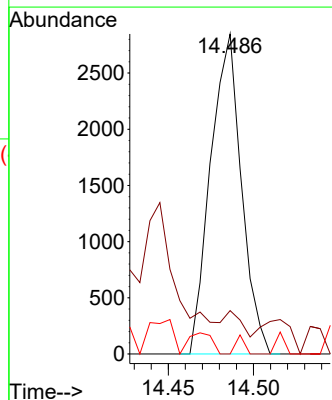
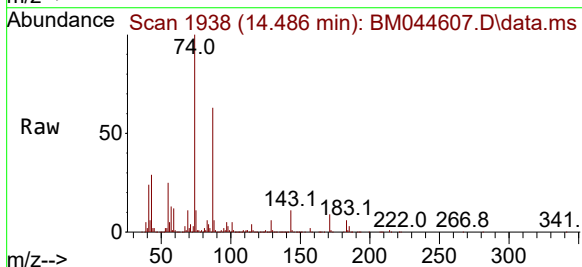
Instrument :
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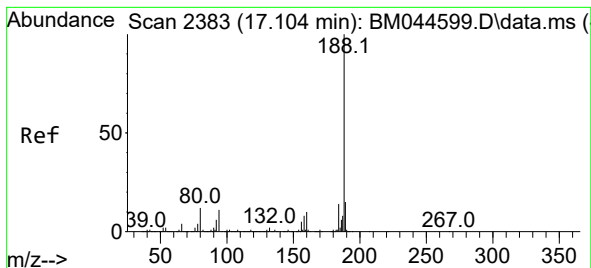
Tgt Ion:172 Resp: 2892479
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.7 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 5.071 ng
RT: 14.486 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BM044607.D
Acq: 13 Mar 2024 21:00

Tgt Ion:184 Resp: 3590
Ion Ratio Lower Upper
184 100
63 13.6 62.2 93.2#
154 0.0 47.9 71.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

Instrument :

BNA_M

ClientSampleId :

EFF-WW

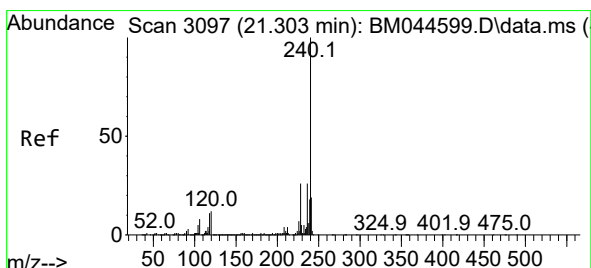
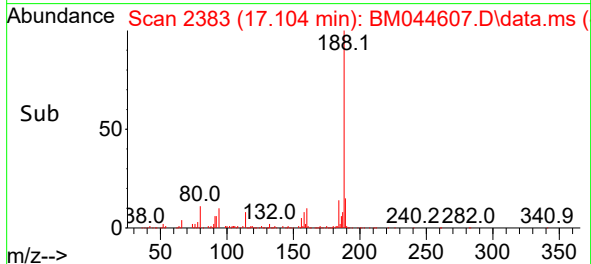
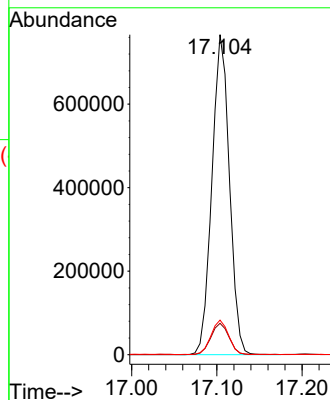
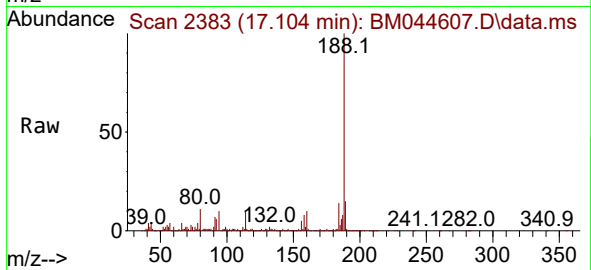
Tgt Ion:188 Resp: 1096341

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

80 10.8 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.303 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

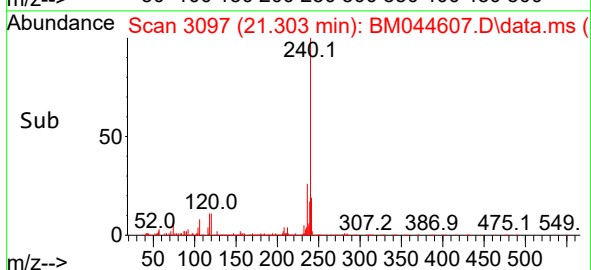
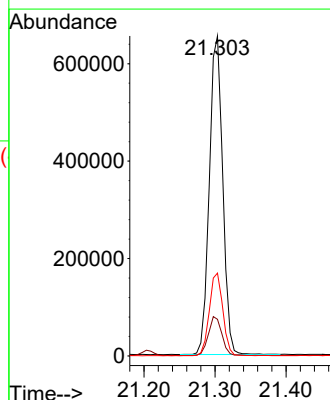
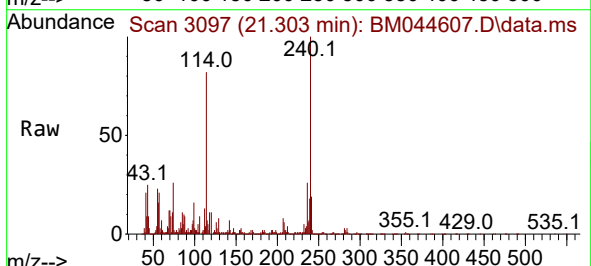
Tgt Ion:240 Resp: 856326

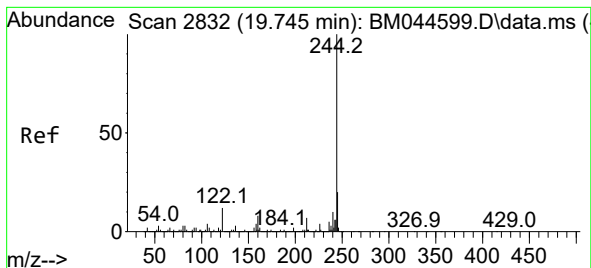
Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 63.467 ng

RT: 19.745 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

Instrument :

BNA_M

ClientSampleId :

EFF-WW

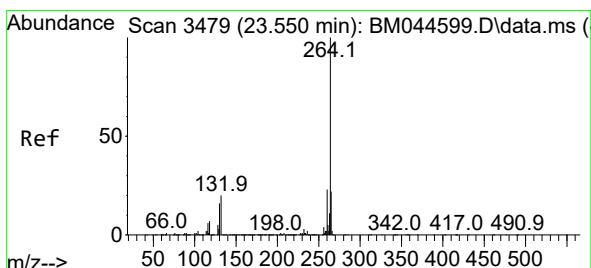
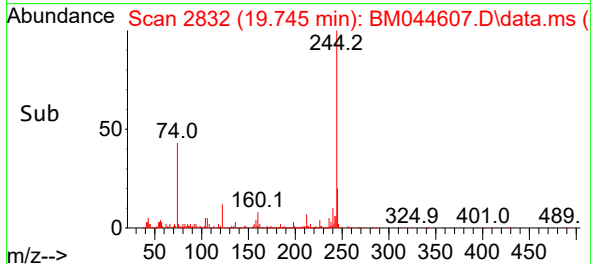
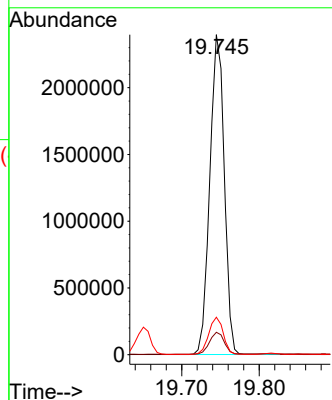
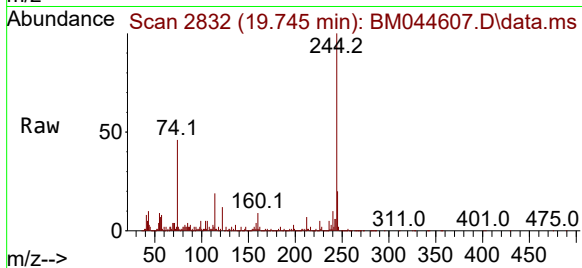
Tgt Ion:244 Resp: 3106763

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.7 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.550 min Scan# 3479

Delta R.T. 0.000 min

Lab File: BM044607.D

Acq: 13 Mar 2024 21:00

Tgt Ion:264 Resp: 1047588

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 22.3 17.5 26.3

