

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041187.D
 Acq On : 31 Jul 2023 13:43
 Operator : MA/JU
 Sample : 03642-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Jul 31 16:33:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

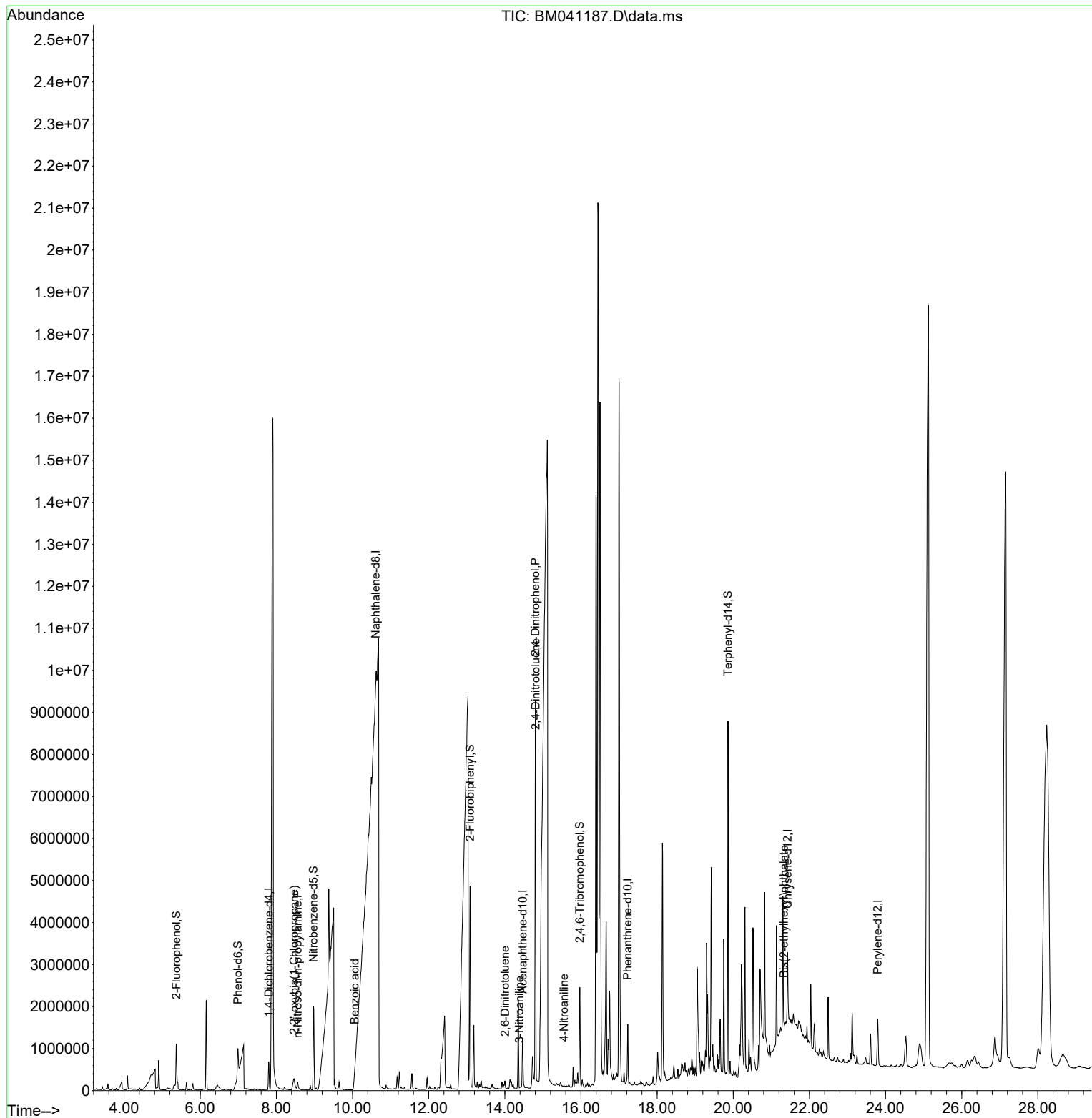
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	157916	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	519570	20.000	ng	# 0.00
39) Acenaphthene-d10	14.469	164	374096	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	769898	20.000	ng	0.00
76) Chrysene-d12	21.427	240	711865	20.000	ng	0.00
86) Perylene-d12	23.791	264	831120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	410445	38.846	ng	0.00
7) Phenol-d6	6.987	99	387417	28.287	ng	0.01
23) Nitrobenzene-d5	8.975	82	1120614	100.302	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	417912	78.980	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2295719	77.522	ng	0.00
79) Terphenyl-d14	19.862	244	3816307	96.930	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.463	45	41366	2.899	ng	76
19) n-Nitroso-di-n-propyla...	8.557	70	30535	3.671	ng	# 65
32) Benzoic acid	10.057	122	1879	7.429	ng	# 25
51) 2,6-Dinitrotoluene	14.004	165	25589	4.389	ng	# 22
53) 3-Nitroaniline	14.380	138	361	2.628	ng	# 1
54) 2,4-Dinitrophenol	14.804	184	1162	6.108	ng	# 1
57) 2,4-Dinitrotoluene	14.810	165	181	2.691	ng	# 1
62) 4-Nitroaniline	15.557	138	199	4.177	ng	# 74
84) Bis(2-ethylhexyl)phtha...	21.333	149	17162	3.102	ng	# 98

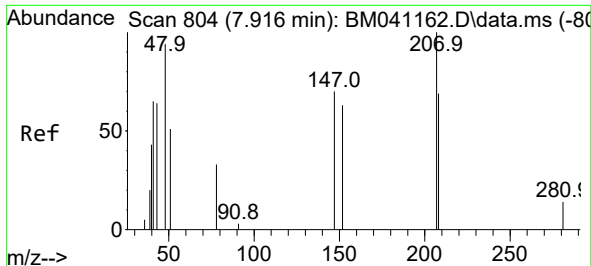
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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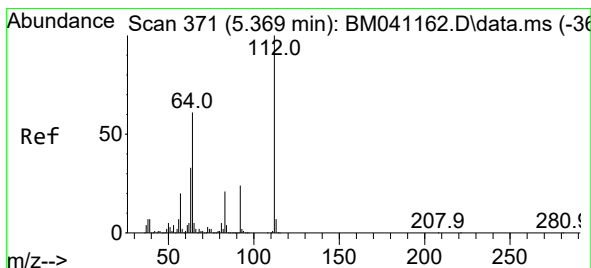
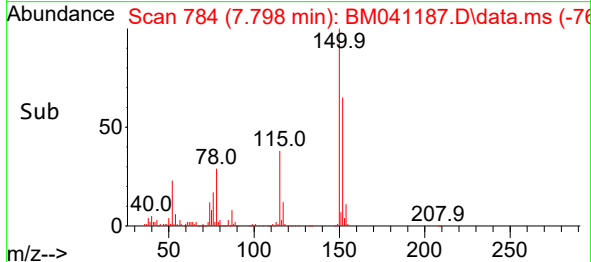
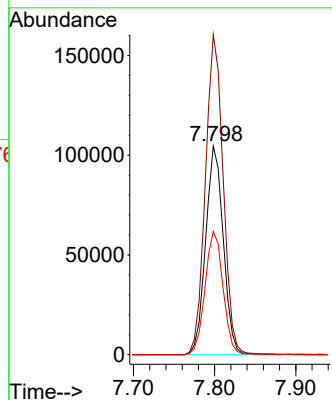
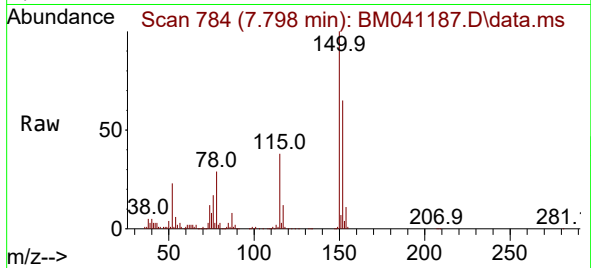




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

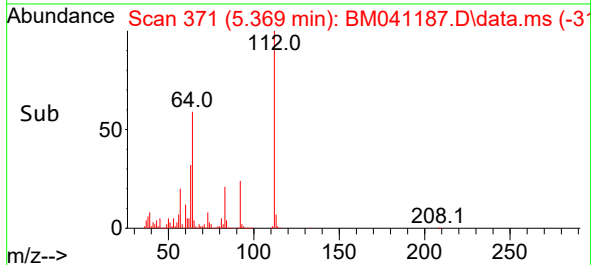
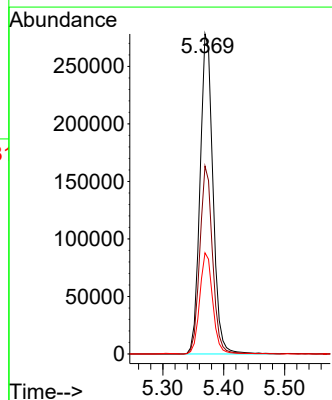
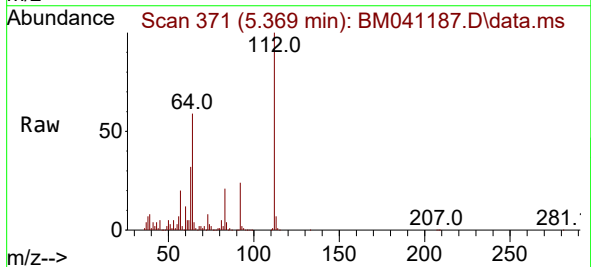
Instrument :
BNA_M
ClientSampleId :
EFF-WW

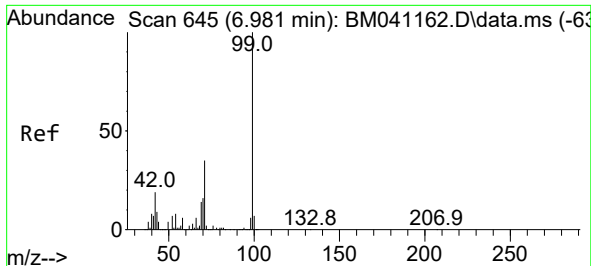
Tgt Ion:152 Resp: 157916
Ion Ratio Lower Upper
152 100
150 153.4 125.5 188.3
115 59.1 48.0 72.0



#5
2-Fluorophenol
Concen: 38.846 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion:112 Resp: 410445
Ion Ratio Lower Upper
112 100
64 58.7 48.5 72.7
63 31.6 26.5 39.7

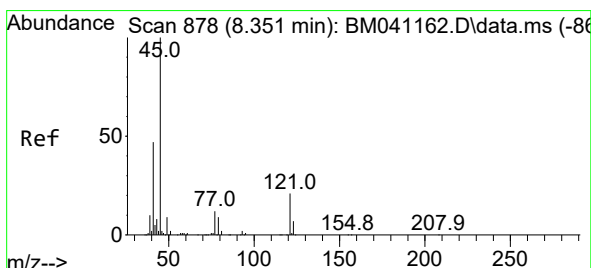
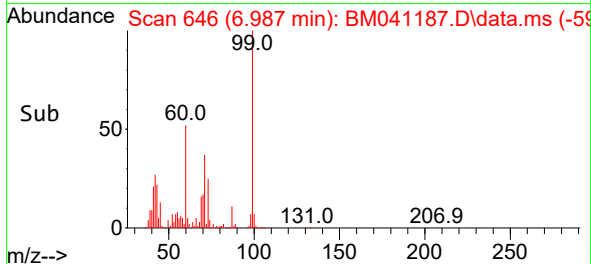
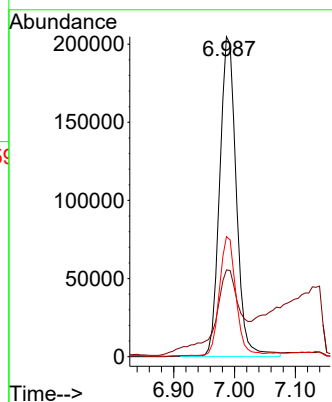
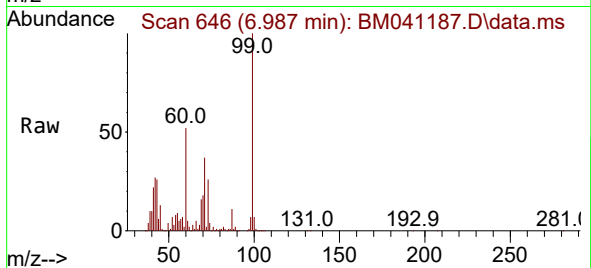




#7
Phenol-d6
Concen: 28.287 ng
RT: 6.987 min Scan# 645
Delta R.T. 0.012 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

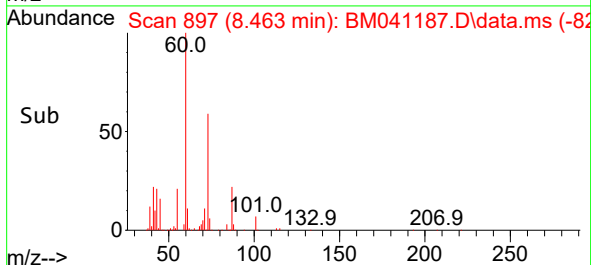
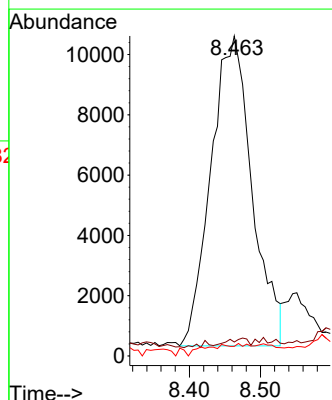
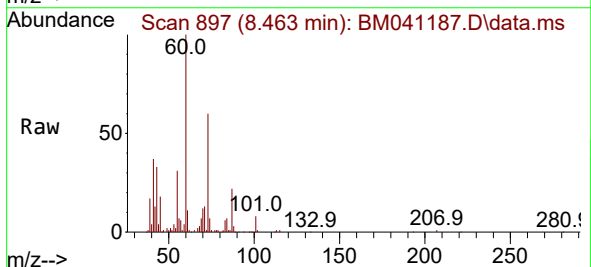
Instrument :
BNA_M
ClientSampleId :
EFF-WW

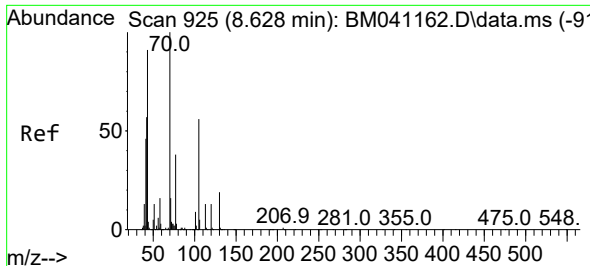
Tgt Ion: 99 Resp: 387417
Ion Ratio Lower Upper
99 100
42 27.1 15.4 23.0#
71 37.5 28.2 42.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.899 ng
RT: 8.463 min Scan# 897
Delta R.T. 0.124 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion: 45 Resp: 41366
Ion Ratio Lower Upper
45 100
77 4.4 0.0 34.5
79 3.0 0.0 32.1





#19

n-Nitroso-di-n-propylamine

Concen: 3.671 ng

RT: 8.557 min Scan# 91

Delta R.T. -0.065 min

Lab File: BM041187.D

Acq: 31 Jul 2023 13:43

Instrument :

BNA_M

ClientSampleId :

EFF-WW

Tgt Ion: 70 Resp: 30535

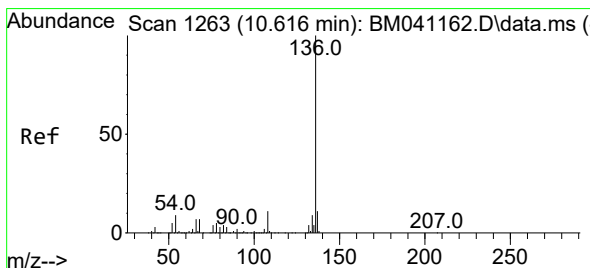
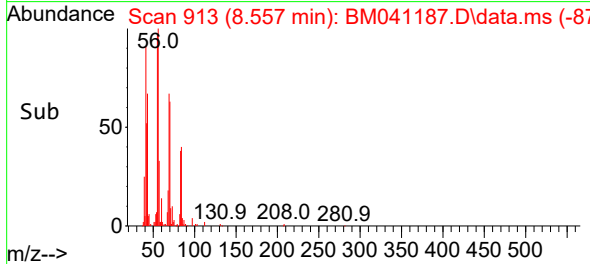
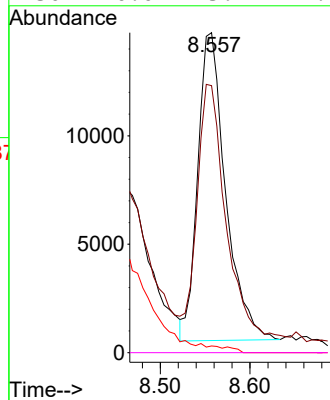
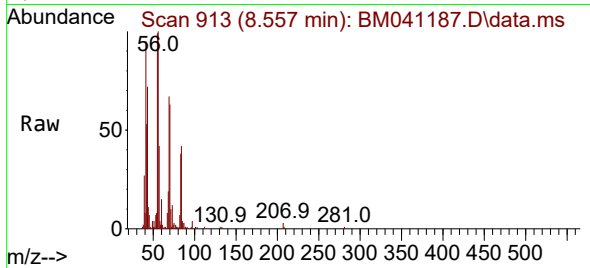
Ion Ratio Lower Upper

70 100

42 83.4 45.8 68.8#

101 2.1 7.4 11.0#

130 0.0 15.2 22.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.610 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BM041187.D

Acq: 31 Jul 2023 13:43

Tgt Ion:136 Resp: 519570

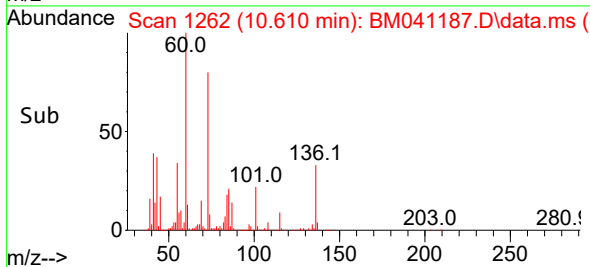
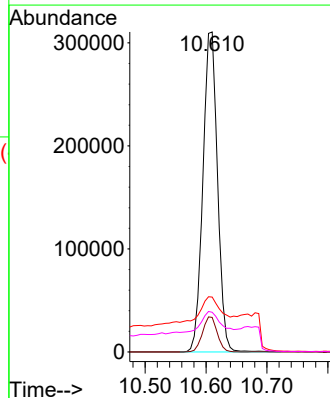
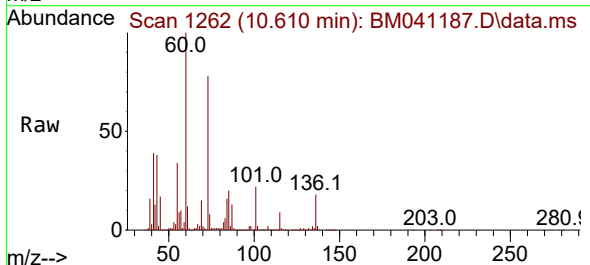
Ion Ratio Lower Upper

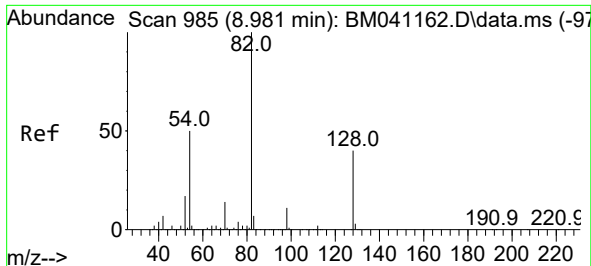
136 100

137 10.8 8.8 13.2

54 17.1 6.9 10.3#

68 12.4 5.4 8.2#

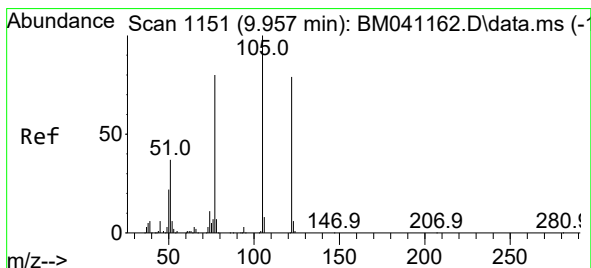
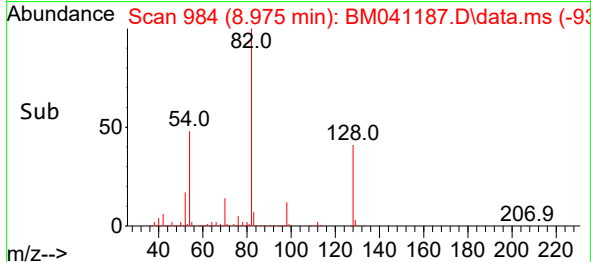
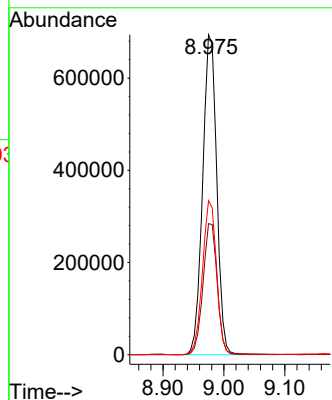
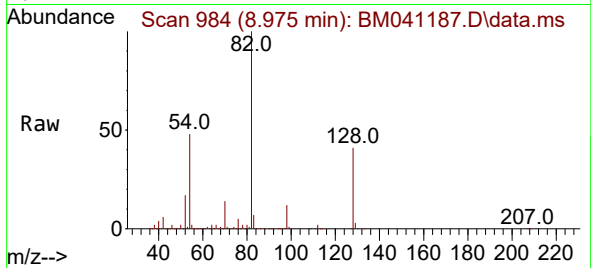




#23
Nitrobenzene-d5
Concen: 100.302 ng
RT: 8.975 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

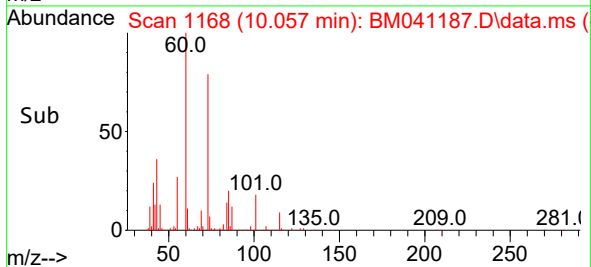
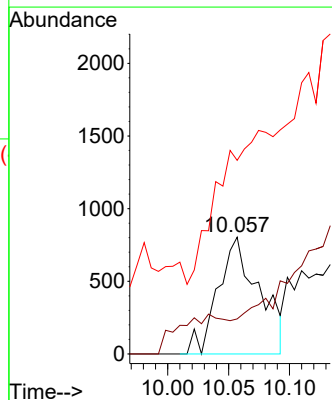
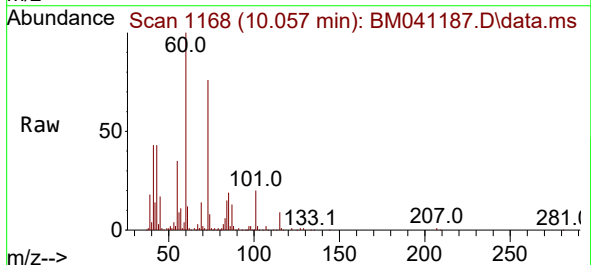
Instrument :
BNA_M
ClientSampleId :
EFF-WW

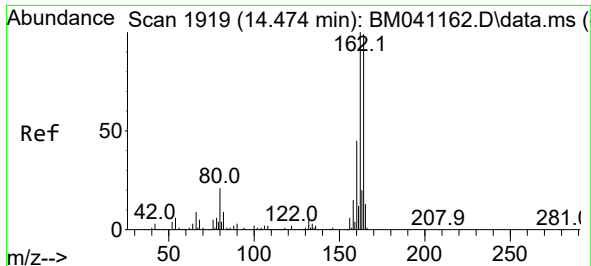
Tgt Ion: 82 Resp: 1120614
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 48.1 40.1 60.1



#32
Benzoic acid
Concen: 7.429 ng
RT: 10.057 min Scan# 1168
Delta R.T. 0.112 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion: 122 Resp: 1879
Ion Ratio Lower Upper
122 100
105 30.0 104.0 144.0#
77 165.7 79.9 119.9#

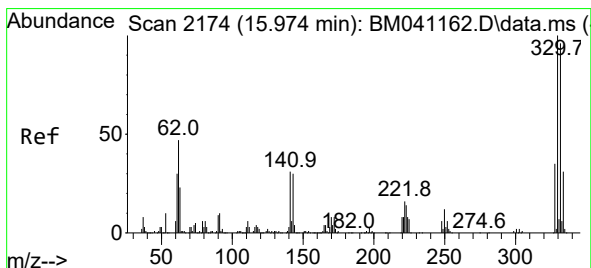
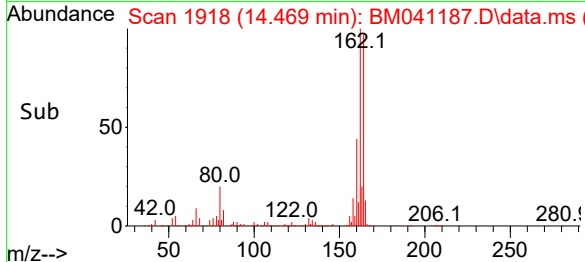
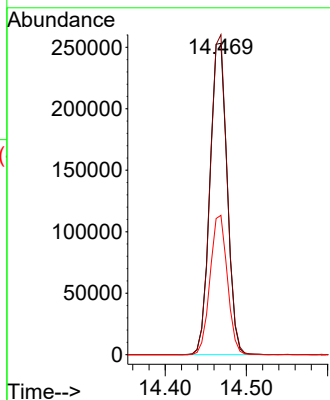
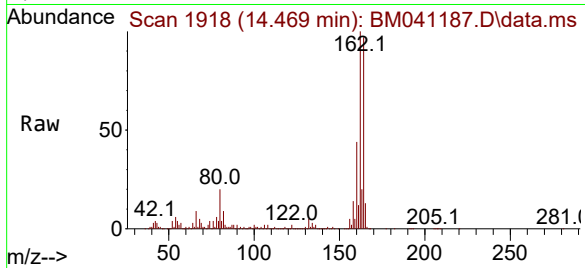




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1919
Delta R.T. 0.006 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

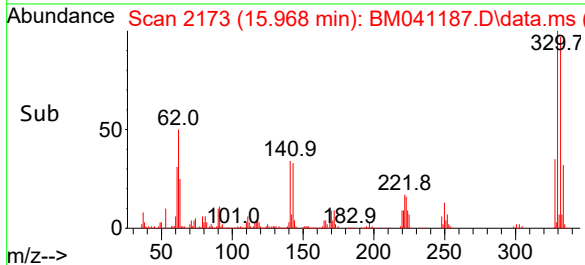
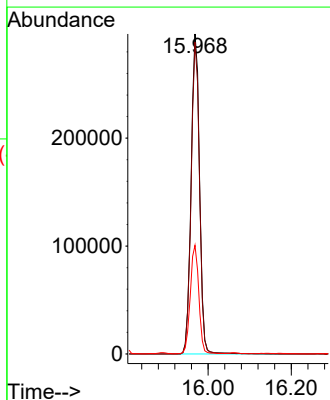
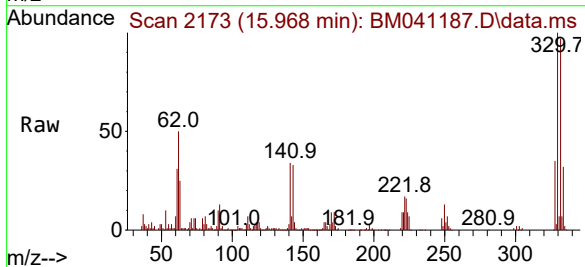
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ClientSampleId :
EFF-WW

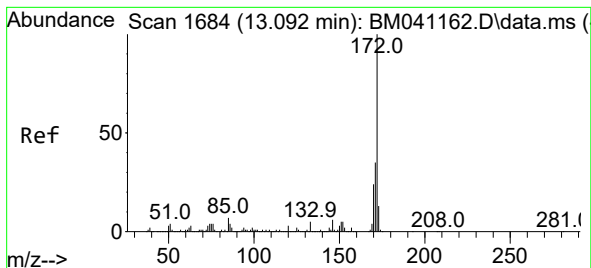
Tgt Ion:164 Resp: 374096
Ion Ratio Lower Upper
164 100
162 102.8 80.4 120.6
160 44.8 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 78.980 ng
RT: 15.968 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion:330 Resp: 417912
Ion Ratio Lower Upper
330 100
332 96.5 77.7 116.5
141 34.2 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 77.522 ng

RT: 13.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM041187.D

Acq: 31 Jul 2023 13:43

Instrument :

BNA_M

ClientSampleId :

EFF-WW

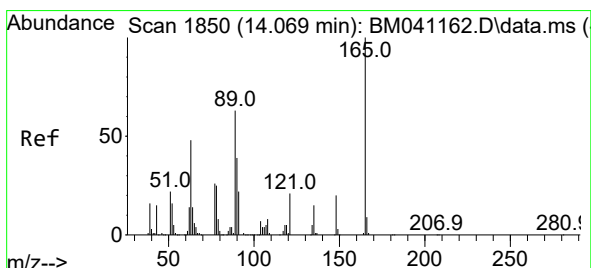
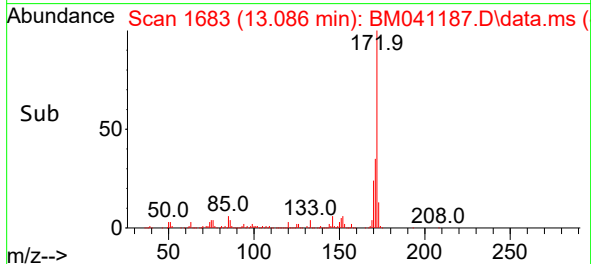
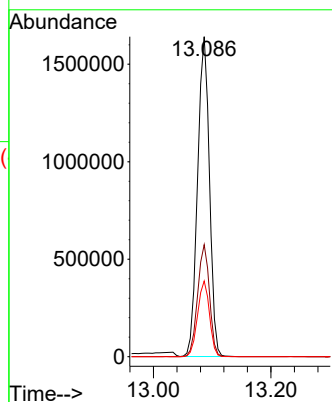
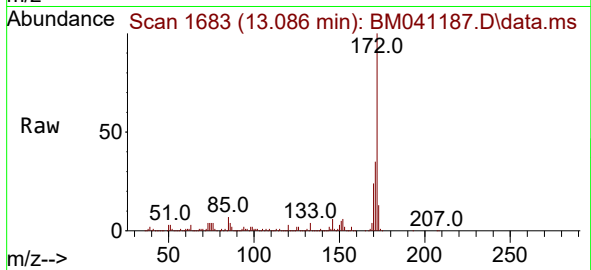
Tgt Ion:172 Resp: 2295719

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.7 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 4.389 ng

RT: 14.004 min Scan# 1839

Delta R.T. -0.059 min

Lab File: BM041187.D

Acq: 31 Jul 2023 13:43

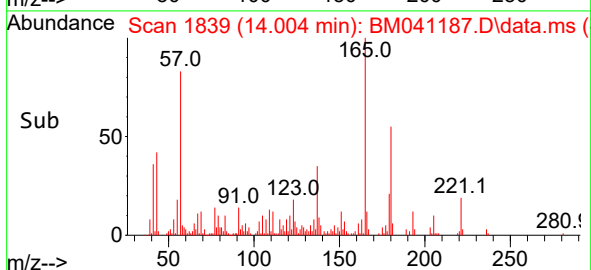
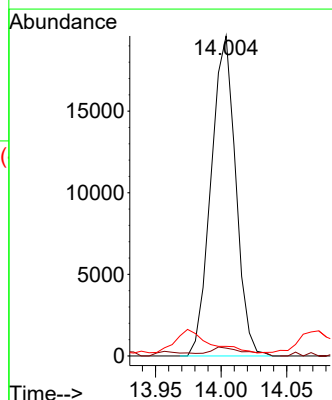
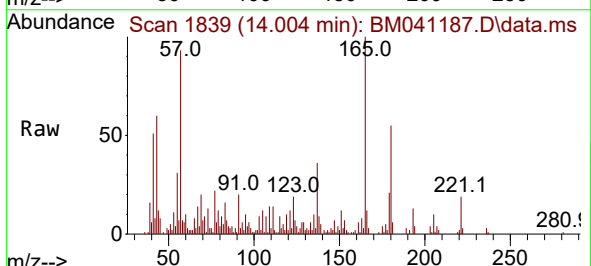
Tgt Ion:165 Resp: 25589

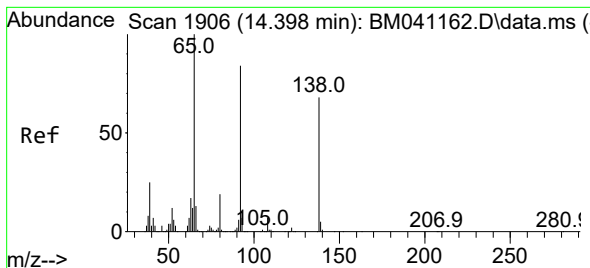
Ion Ratio Lower Upper

165 100

63 2.5 50.9 76.3#

89 3.0 50.6 76.0#

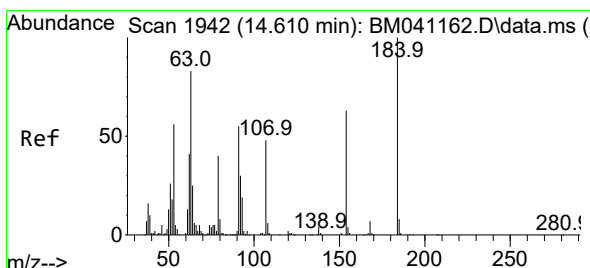
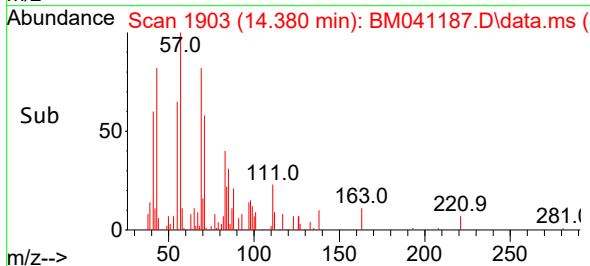
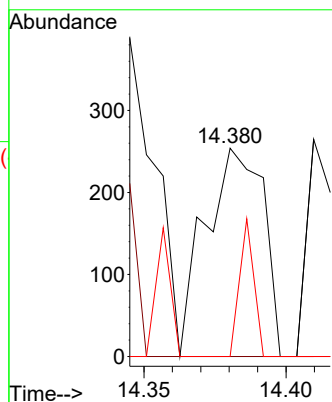
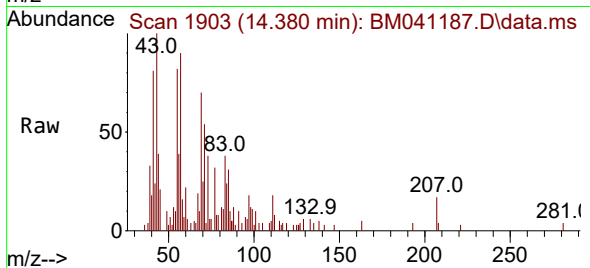




#53
3-Nitroaniline
Concen: 2.628 ng
RT: 14.380 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

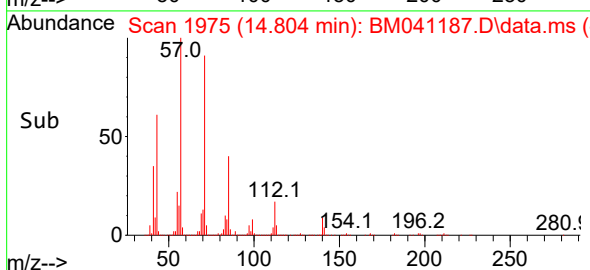
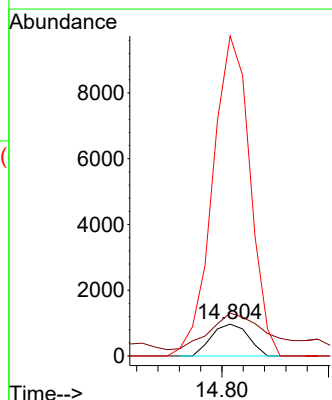
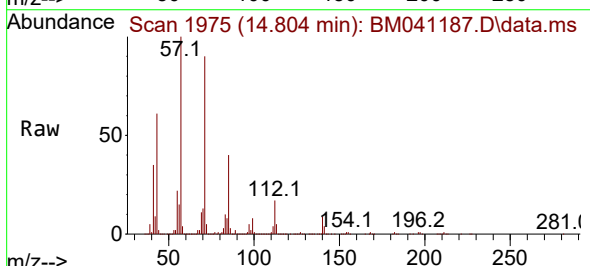
Instrument :
BNA_M
ClientSampleId :
EFF-WW

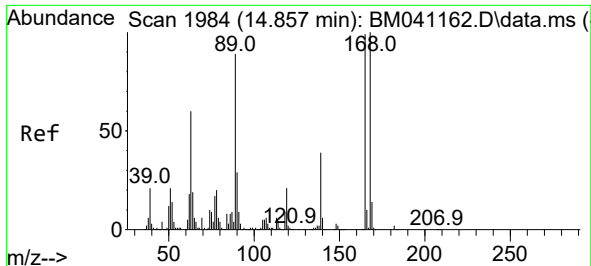
Tgt Ion:138 Resp: 361
Ion Ratio Lower Upper
138 100
108 0.0 7.6 11.4#
92 0.0 98.9 148.3#



#54
2,4-Dinitrophenol
Concen: 6.108 ng
RT: 14.804 min Scan# 1975
Delta R.T. 0.200 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion:184 Resp: 1162
Ion Ratio Lower Upper
184 100
63 134.7 66.5 99.7#
154 1004.6 52.8 79.2#





#57

2,4-Dinitrotoluene

Concen: 2.691 ng

RT: 14.810 min Scan# 1984

Delta R.T. -0.041 min

Lab File: BM041187.D

Acq: 31 Jul 2023 13:43

Instrument :

BNA_M

ClientSampleId :

EFF-WW

Tgt Ion:165 Resp: 181

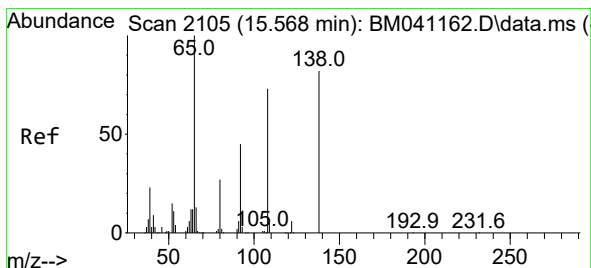
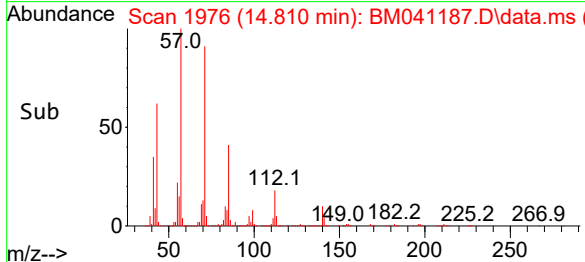
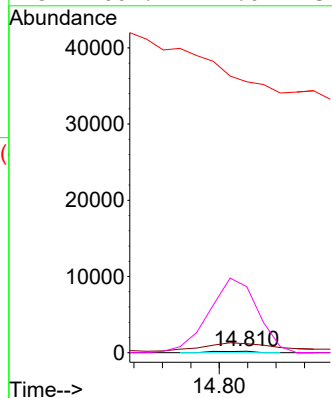
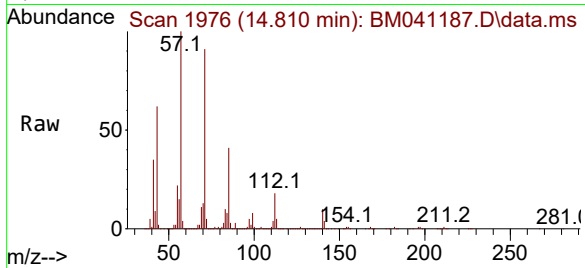
Ion Ratio Lower Upper

165 100

63 632.8 48.3 72.5#

89 19114.0 71.8 107.8#

182 4667.2 2.0 3.0#



#62

4-Nitroaniline

Concen: 4.177 ng

RT: 15.557 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BM041187.D

Acq: 31 Jul 2023 13:43

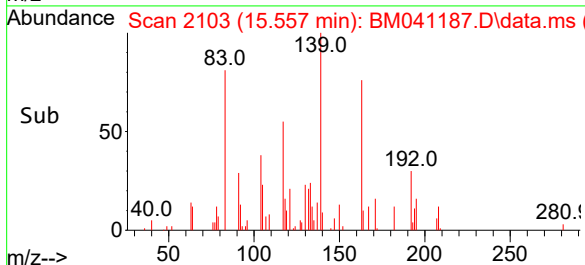
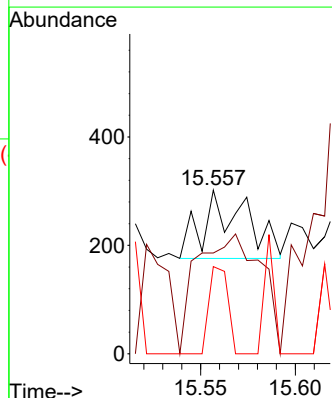
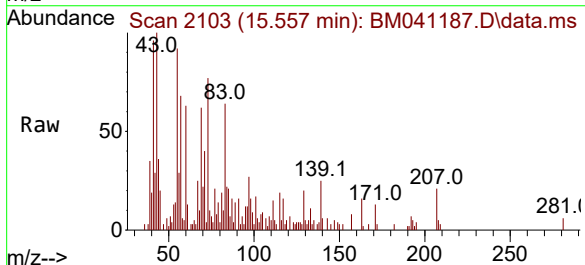
Tgt Ion:138 Resp: 199

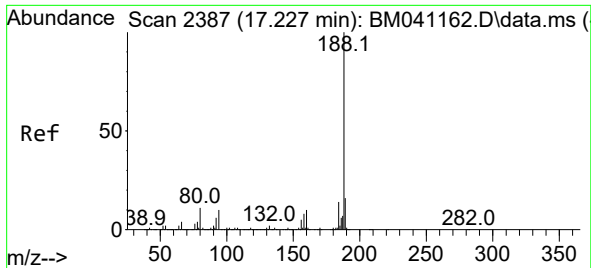
Ion Ratio Lower Upper

138 100

92 61.6 35.1 75.1

108 53.3 67.8 107.8#

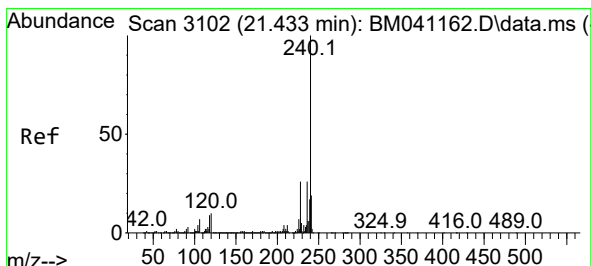
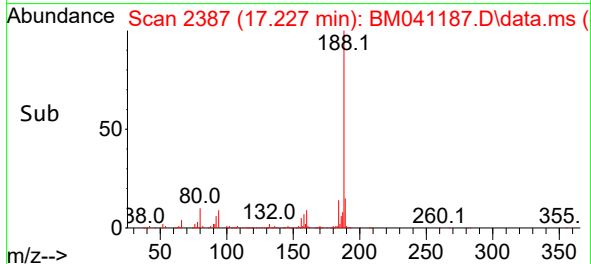
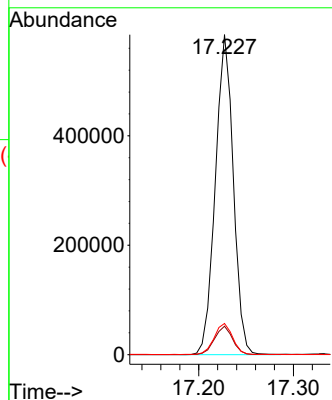
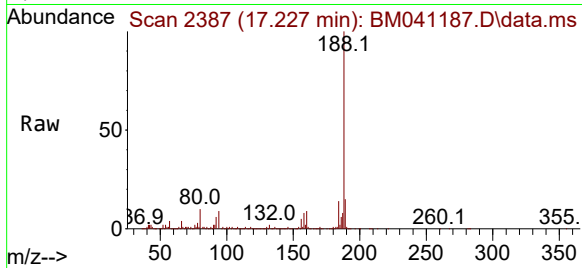




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

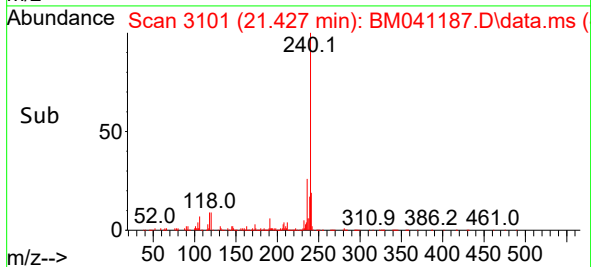
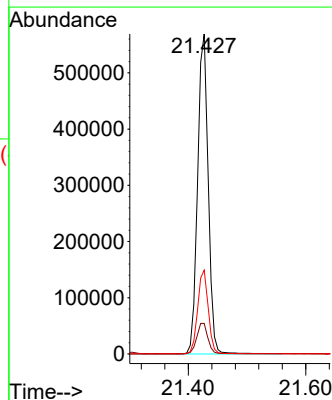
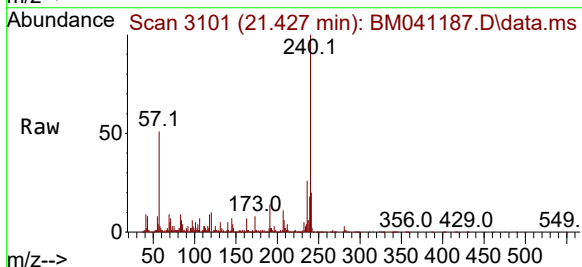
Instrument :
BNA_M
ClientSampleId :
EFF-WW

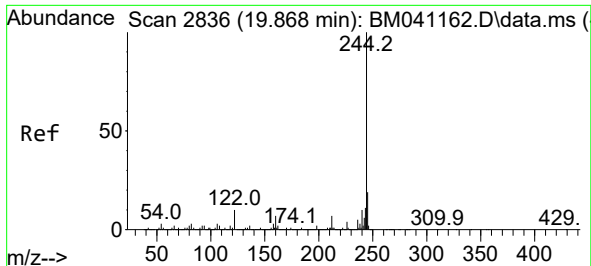
Tgt Ion:188 Resp: 769898
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM041187.D
Acq: 31 Jul 2023 13:43

Tgt Ion:240 Resp: 711865
Ion Ratio Lower Upper
240 100
120 9.5 8.3 12.5
236 26.2 20.6 30.8

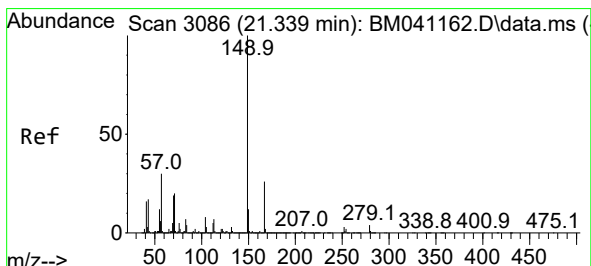
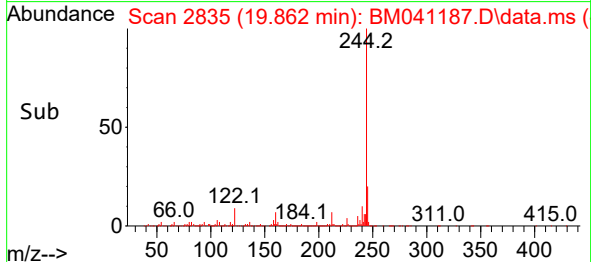
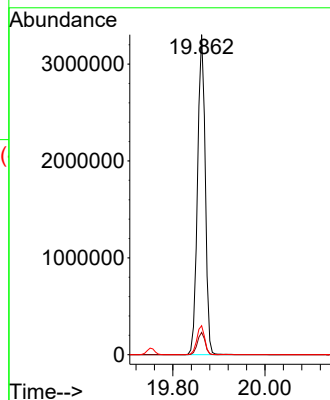
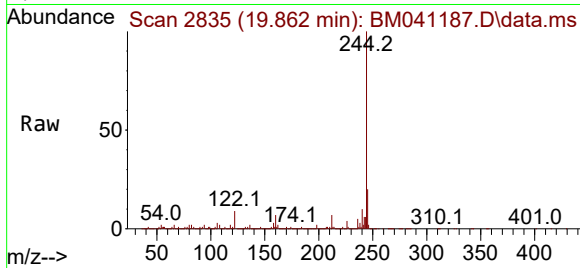




#79
 Terphenyl-d14
 Concen: 96.930 ng
 RT: 19.862 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM041187.D
 Acq: 31 Jul 2023 13:43

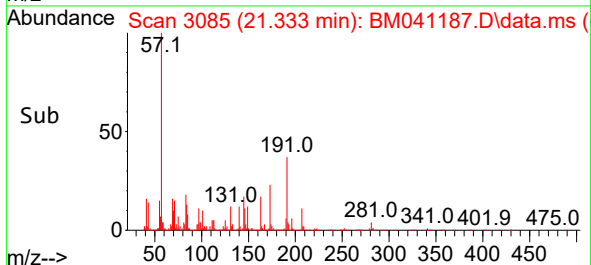
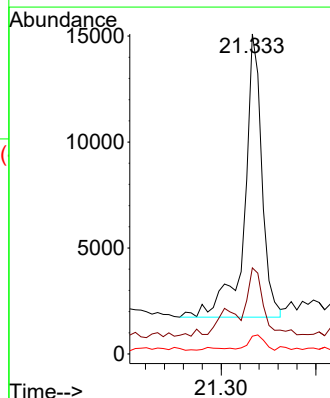
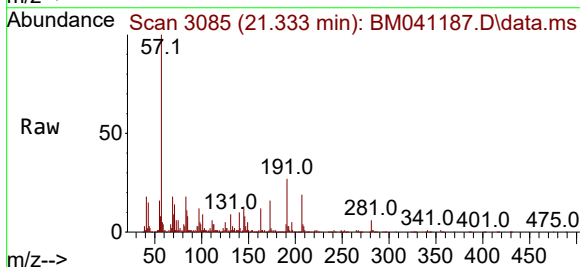
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

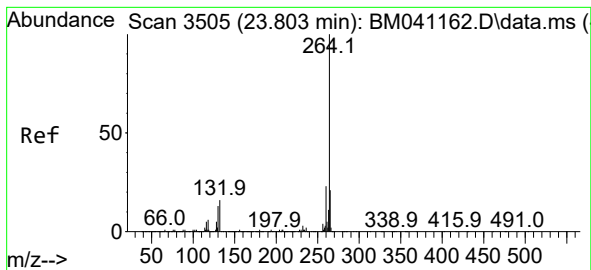
Tgt Ion:244 Resp: 3816307
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.1 7.8 11.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.102 ng
 RT: 21.333 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BM041187.D
 Acq: 31 Jul 2023 13:43

Tgt Ion:149 Resp: 17162
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.6
 279 5.5 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.791 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM041187.D
 Acq: 31 Jul 2023 13:43

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Tgt Ion:264 Resp: 831120
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.9 17.4 26.0

