

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122822\
 Data File : BM038330.D
 Acq On : 28 Dec 2022 12:05
 Operator : CG/JU
 Sample : N6094-02 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Dec 29 03:10:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 01:33:07 2022
 Response via : Initial Calibration

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

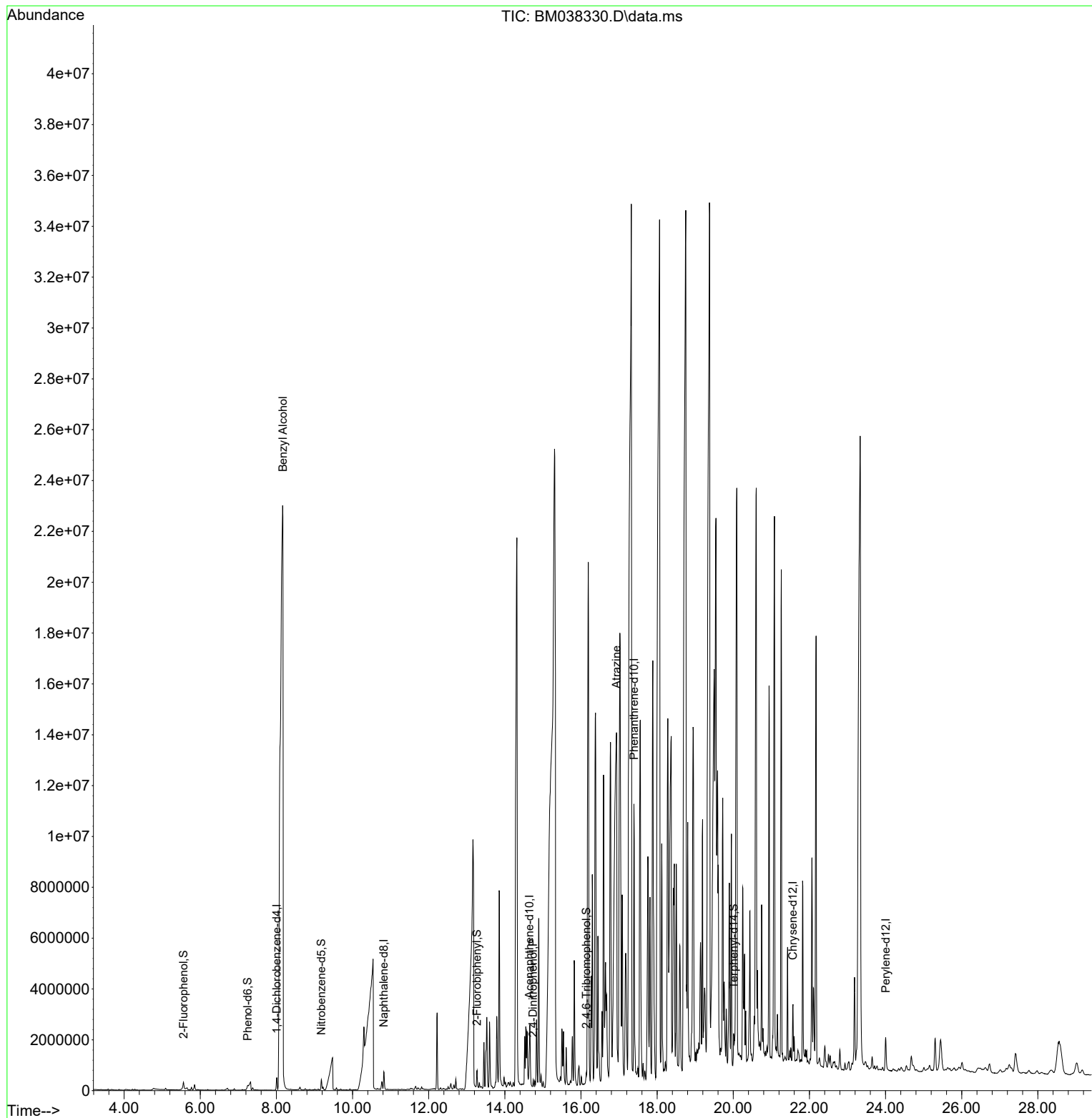
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	123752	20.000	ng	0.00
21) Naphthalene-d8	10.822	136	532794	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	368559	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	913895	20.000	ng	0.00
76) Chrysene-d12	21.568	240	891463	20.000	ng	0.00
86) Perylene-d12	24.003	264	996697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	56879	7.619	ng	0.00
7) Phenol-d6	7.245	99	51915	5.295	ng	0.07
23) Nitrobenzene-d5	9.180	82	168449	13.846	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	68026	12.116	ng	0.00
45) 2-Fluorobiphenyl	13.268	172	308976	10.549	ng	0.00
79) Terphenyl-d14	20.009	244	560542	11.886	ng	0.01
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.169	79	108449	14.756	ng	# 38
54) 2,4-Dinitrophenol	14.739	184	653	4.003	ng	# 89
69) Atrazine	16.933	200	61572	6.504	ng	# 46

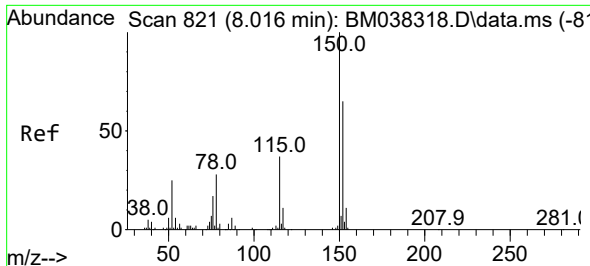
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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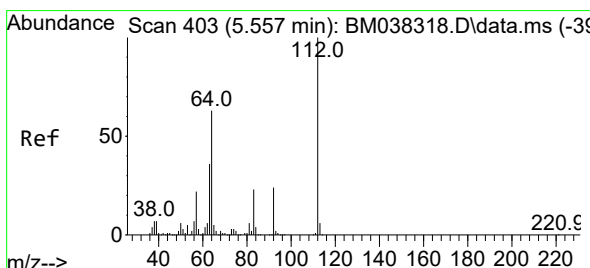
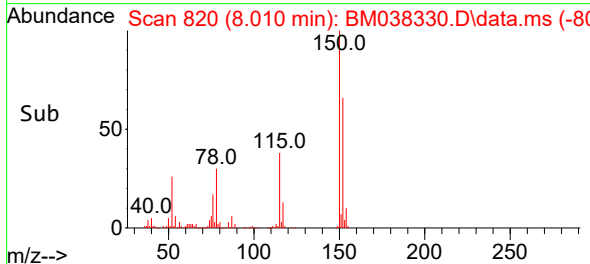
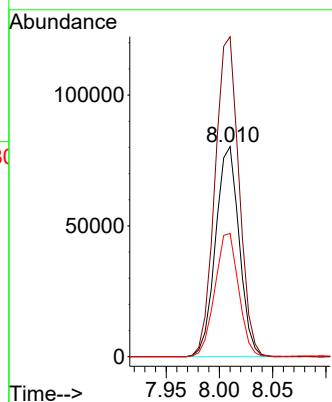
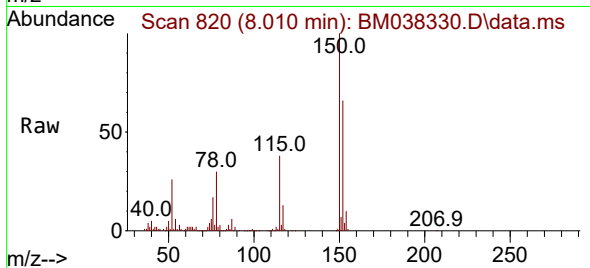




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.010 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM038330.D
 Acq: 28 Dec 2022 12:05

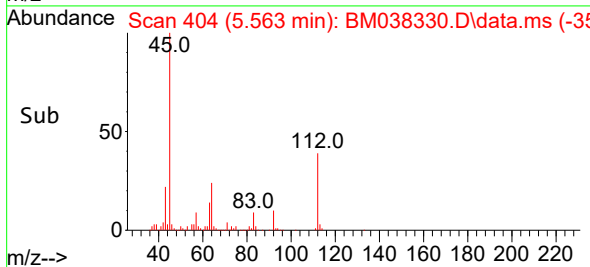
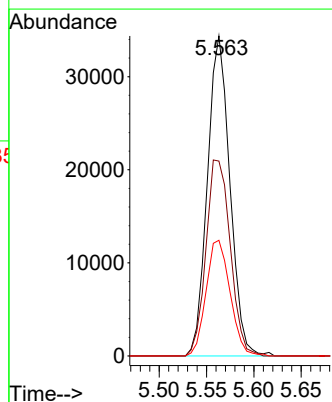
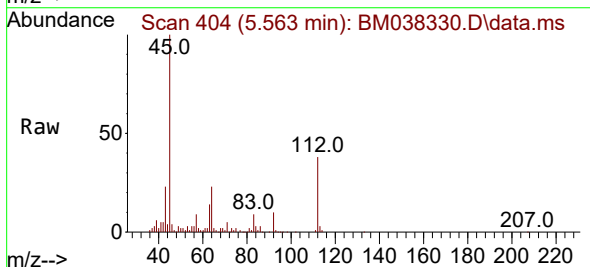
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

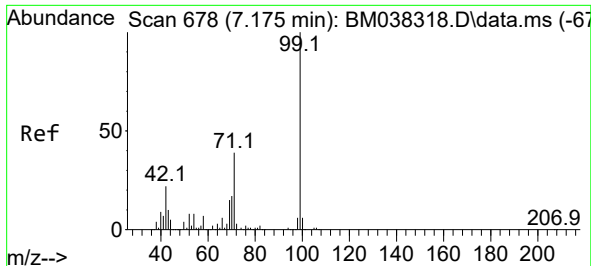
Tgt Ion:152 Resp: 123752
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.0 184.6
 115 58.6 45.4 68.2



#5
 2-Fluorophenol
 Concen: 7.619 ng
 RT: 5.563 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: BM038330.D
 Acq: 28 Dec 2022 12:05

Tgt Ion:112 Resp: 56879
 Ion Ratio Lower Upper
 112 100
 64 60.9 50.7 76.1
 63 36.1 28.9 43.3

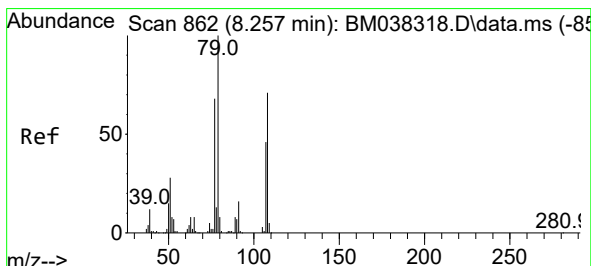
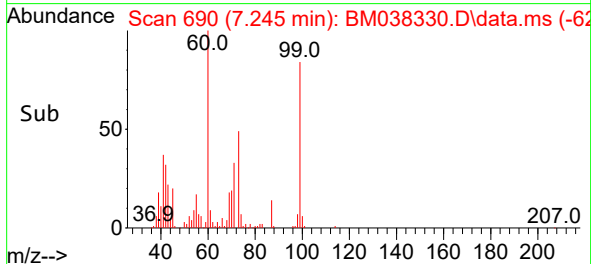
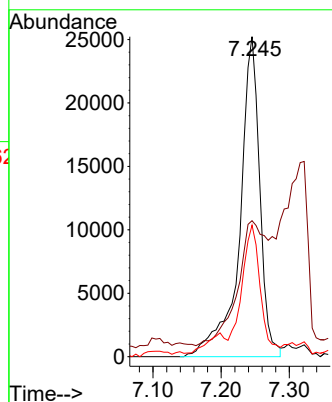
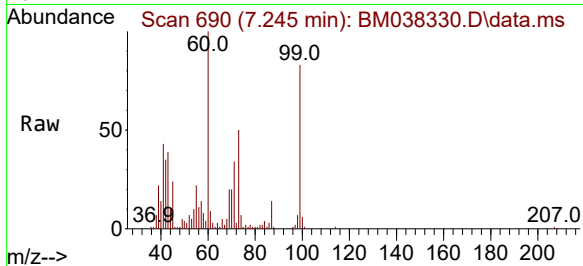




#7
Phenol-d6
Concen: 5.295 ng
RT: 7.245 min Scan# 61
Delta R.T. 0.070 min
Lab File: BM038330.D
Acq: 28 Dec 2022 12:05

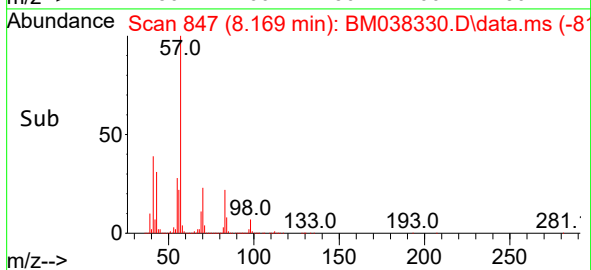
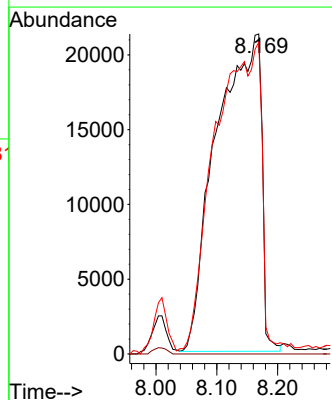
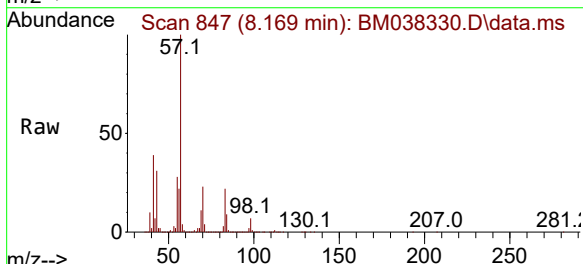
Instrument :
BNA_M
ClientSampleId :
EFF-WW

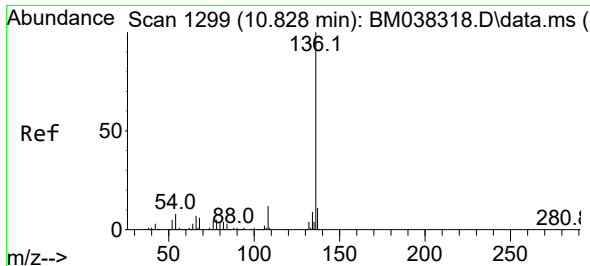
Tgt Ion: 99 Resp: 51915
Ion Ratio Lower Upper
99 100
42 42.5 17.7 26.5#
71 41.1 30.9 46.3



#15
Benzyl Alcohol
Concen: 14.756 ng
RT: 8.169 min Scan# 847
Delta R.T. -0.088 min
Lab File: BM038330.D
Acq: 28 Dec 2022 12:05

Tgt Ion: 79 Resp: 108449
Ion Ratio Lower Upper
79 100
108 0.0 56.6 85.0#
77 97.4 54.2 81.2#



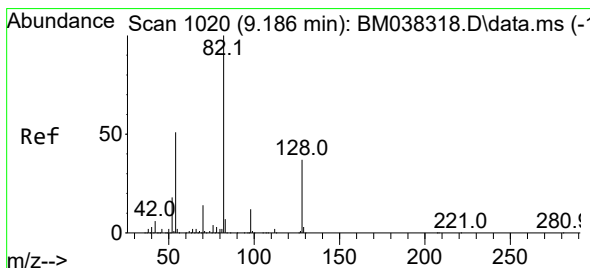
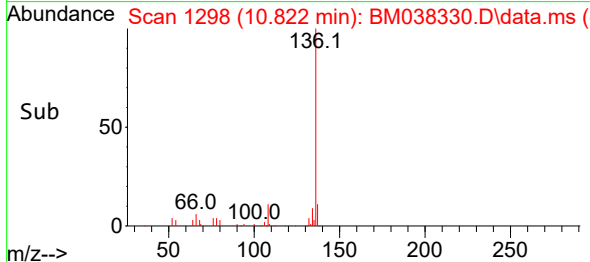
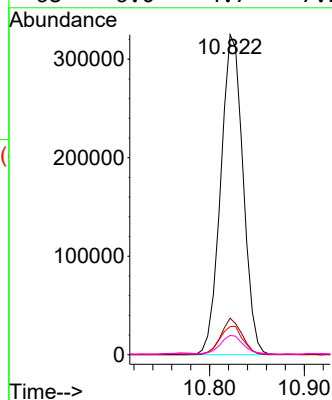
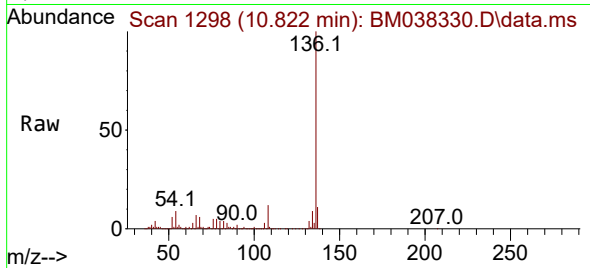


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038330.D
Acq: 28 Dec 2022 12:05

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tgt Ion:136 Resp: 532794

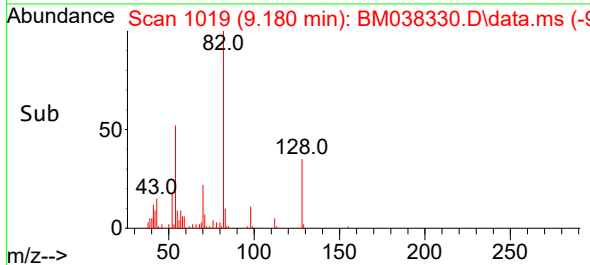
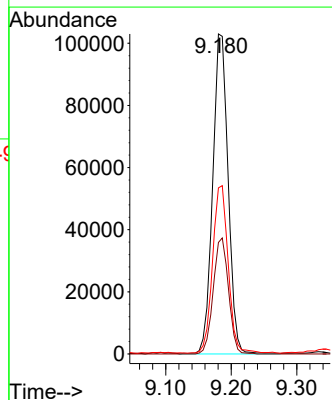
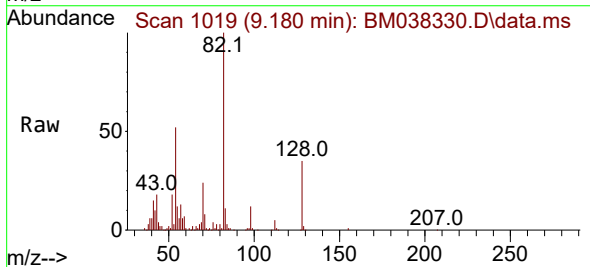
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.8	6.7	10.1
68	6.0	4.7	7.1

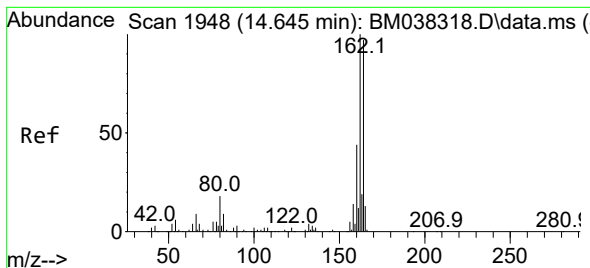


#23
Nitrobenzene-d5
Concen: 13.846 ng
RT: 9.180 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM038330.D
Acq: 28 Dec 2022 12:05

Tgt Ion: 82 Resp: 168449

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.4	44.2
54	51.9	41.0	61.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.645 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BM038330.D

Acq: 28 Dec 2022 12:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

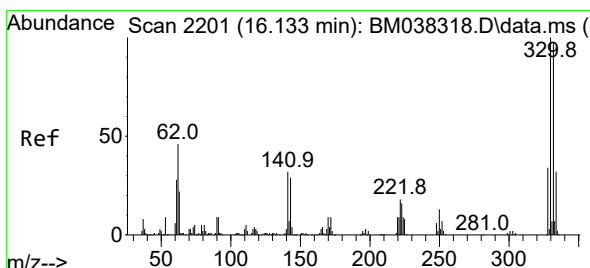
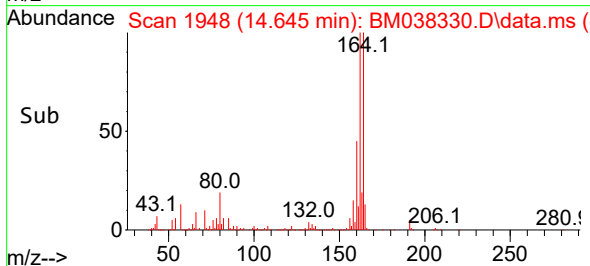
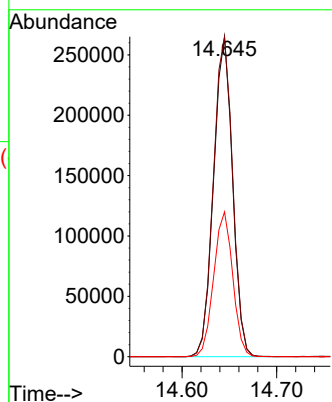
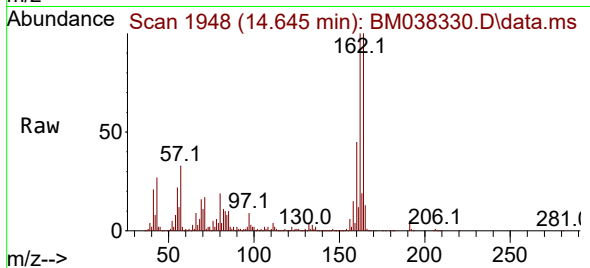
Tgt Ion:164 Resp: 368559

Ion Ratio Lower Upper

164 100

162 100.0 82.6 124.0

160 45.2 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 12.116 ng

RT: 16.139 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BM038330.D

Acq: 28 Dec 2022 12:05

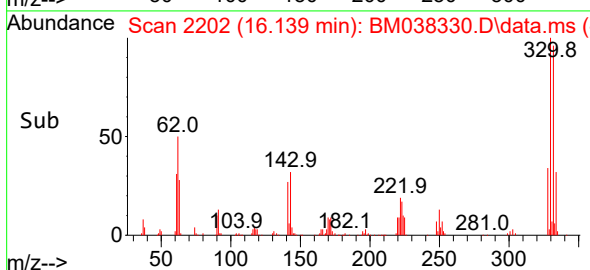
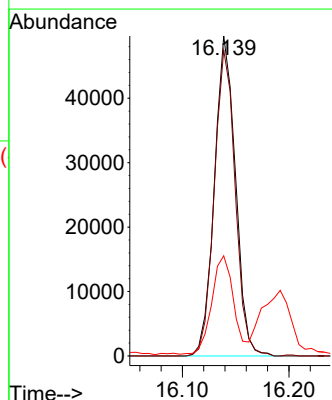
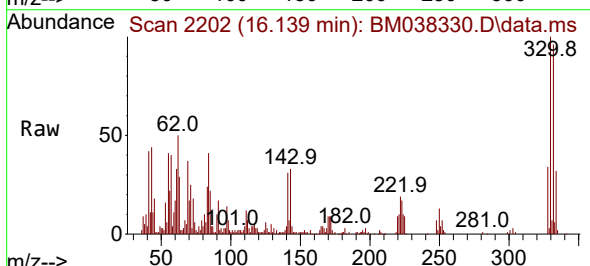
Tgt Ion:330 Resp: 68026

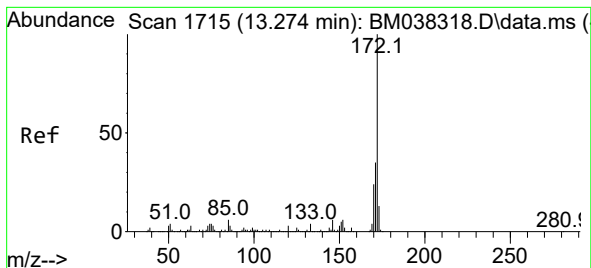
Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

141 32.1 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 10.549 ng

RT: 13.268 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038330.D

Acq: 28 Dec 2022 12:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

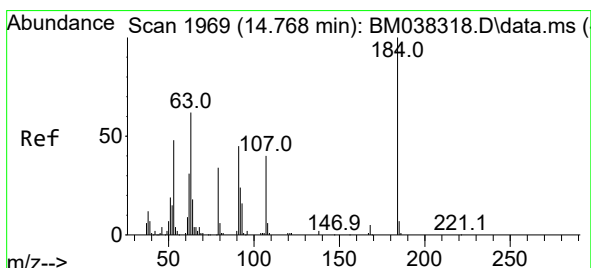
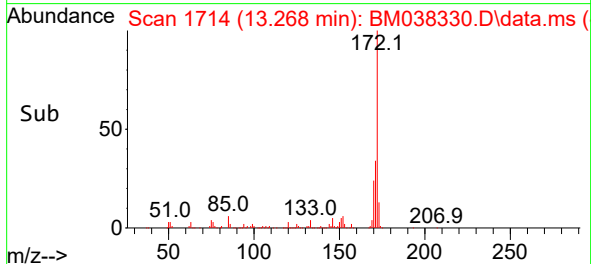
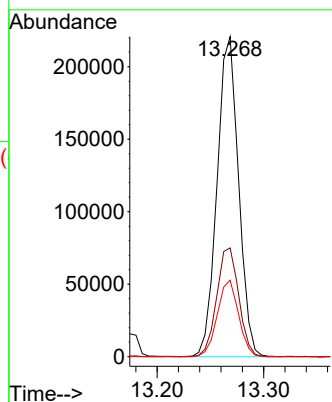
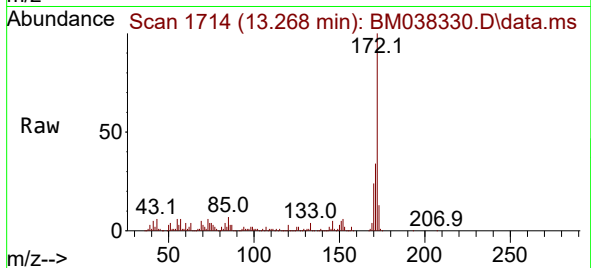
Tgt Ion:172 Resp: 308976

Ion Ratio Lower Upper

172 100

171 34.0 28.2 42.2

170 23.9 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 4.003 ng

RT: 14.739 min Scan# 1964

Delta R.T. -0.029 min

Lab File: BM038330.D

Acq: 28 Dec 2022 12:05

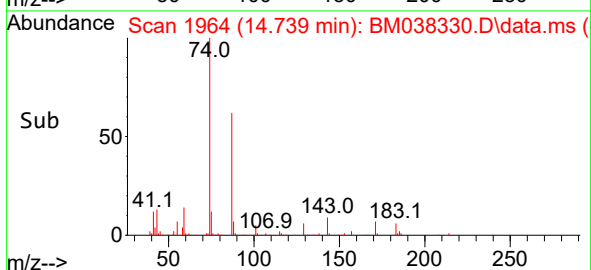
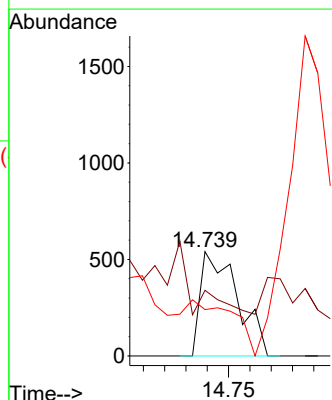
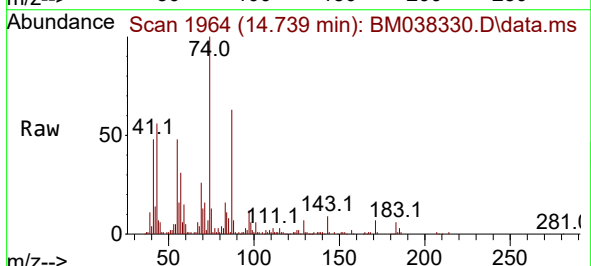
Tgt Ion:184 Resp: 653

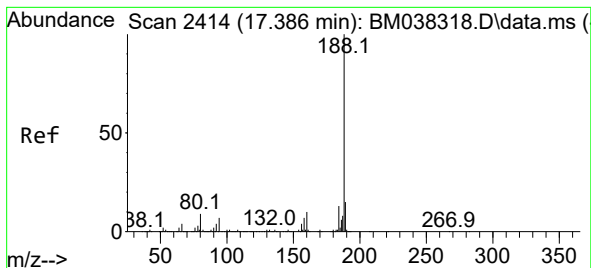
Ion Ratio Lower Upper

184 100

63 63.0 54.3 81.5

154 44.4 45.8 68.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2414

Delta R.T. 0.006 min

Lab File: BM038330.D

Acq: 28 Dec 2022 12:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

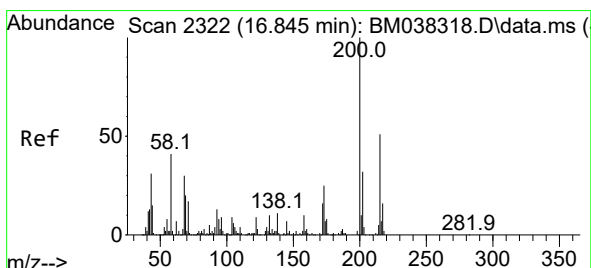
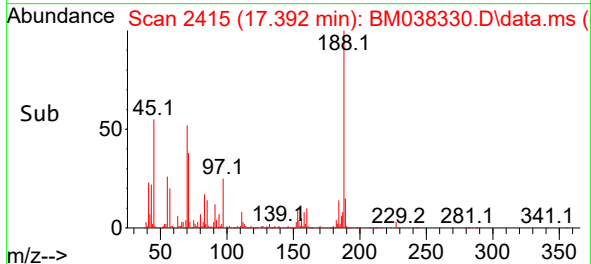
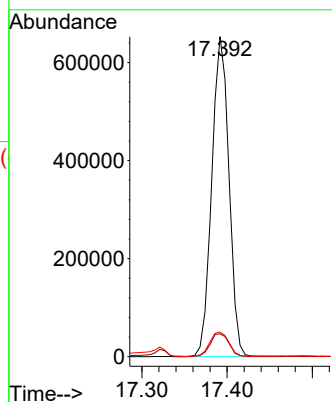
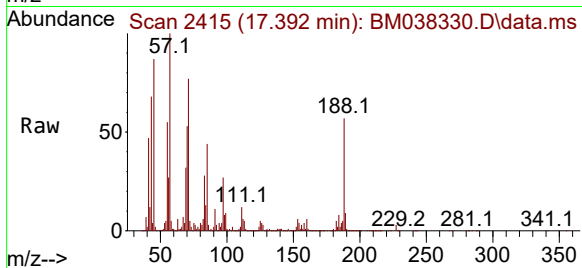
Tgt Ion:188 Resp: 913895

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 7.7 7.1 10.7



#69

Atrazine

Concen: 6.504 ng

RT: 16.933 min Scan# 2337

Delta R.T. 0.088 min

Lab File: BM038330.D

Acq: 28 Dec 2022 12:05

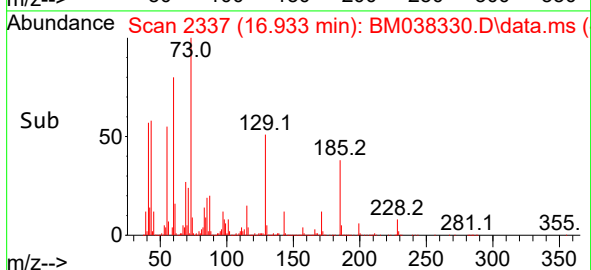
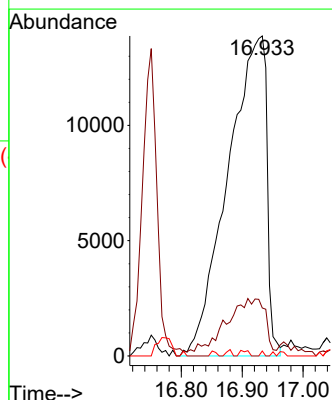
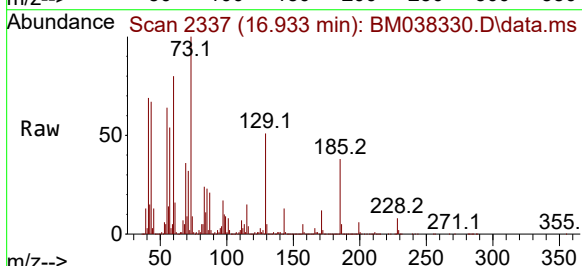
Tgt Ion:200 Resp: 61572

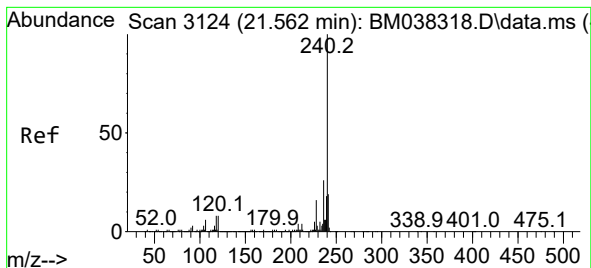
Ion Ratio Lower Upper

200 100

173 15.0 5.3 45.3

215 1.6 30.5 70.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3124

Delta R.T. 0.006 min

Lab File: BM038330.D

Acq: 28 Dec 2022 12:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

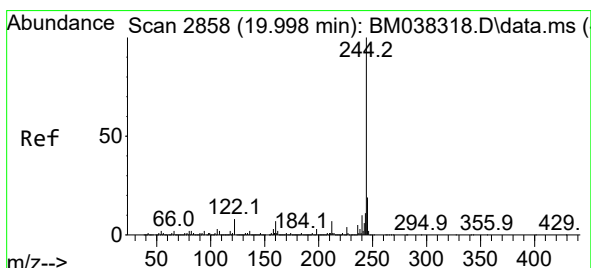
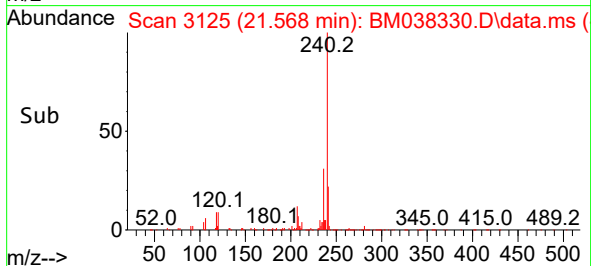
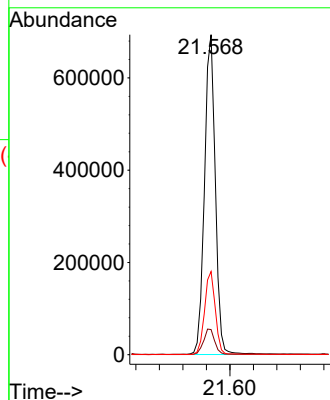
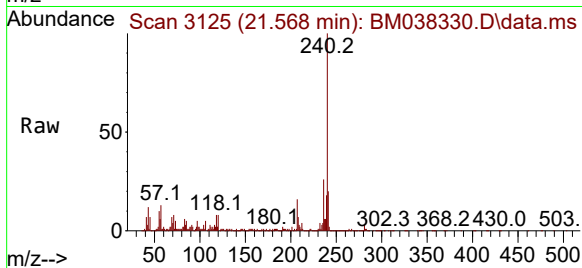
Tgt Ion:240 Resp: 891463

Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

236 26.0 20.6 30.8



#79

Terphenyl-d14

Concen: 11.886 ng

RT: 20.009 min Scan# 2860

Delta R.T. 0.012 min

Lab File: BM038330.D

Acq: 28 Dec 2022 12:05

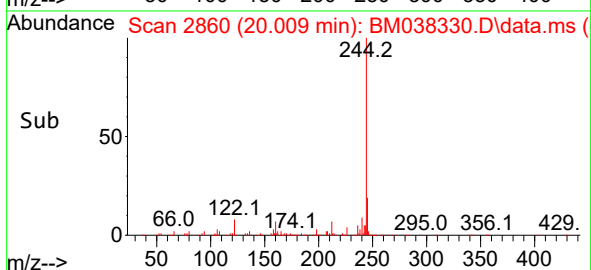
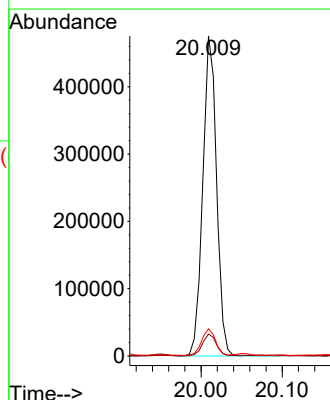
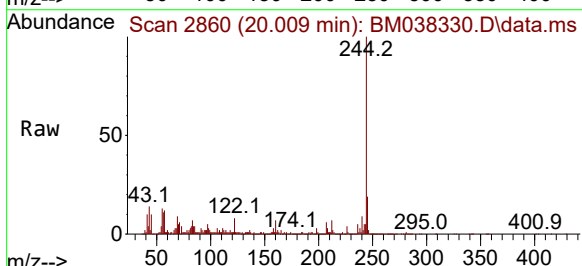
Tgt Ion:244 Resp: 560542

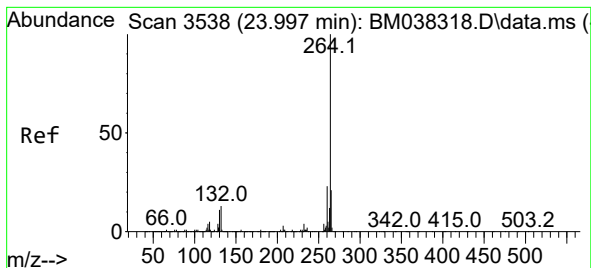
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 8.5 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.003 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM038330.D

Acq: 28 Dec 2022 12:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

Tgt Ion:264 Resp: 996697

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.5 17.7 26.5

