

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041386.D
 Acq On : 11 Aug 2023 14:22
 Operator : MA/JU
 Sample : 03955-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-22

Quant Time: Aug 11 15:27:07 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 09 12:20:12 2023
 Response via : Initial Calibration

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

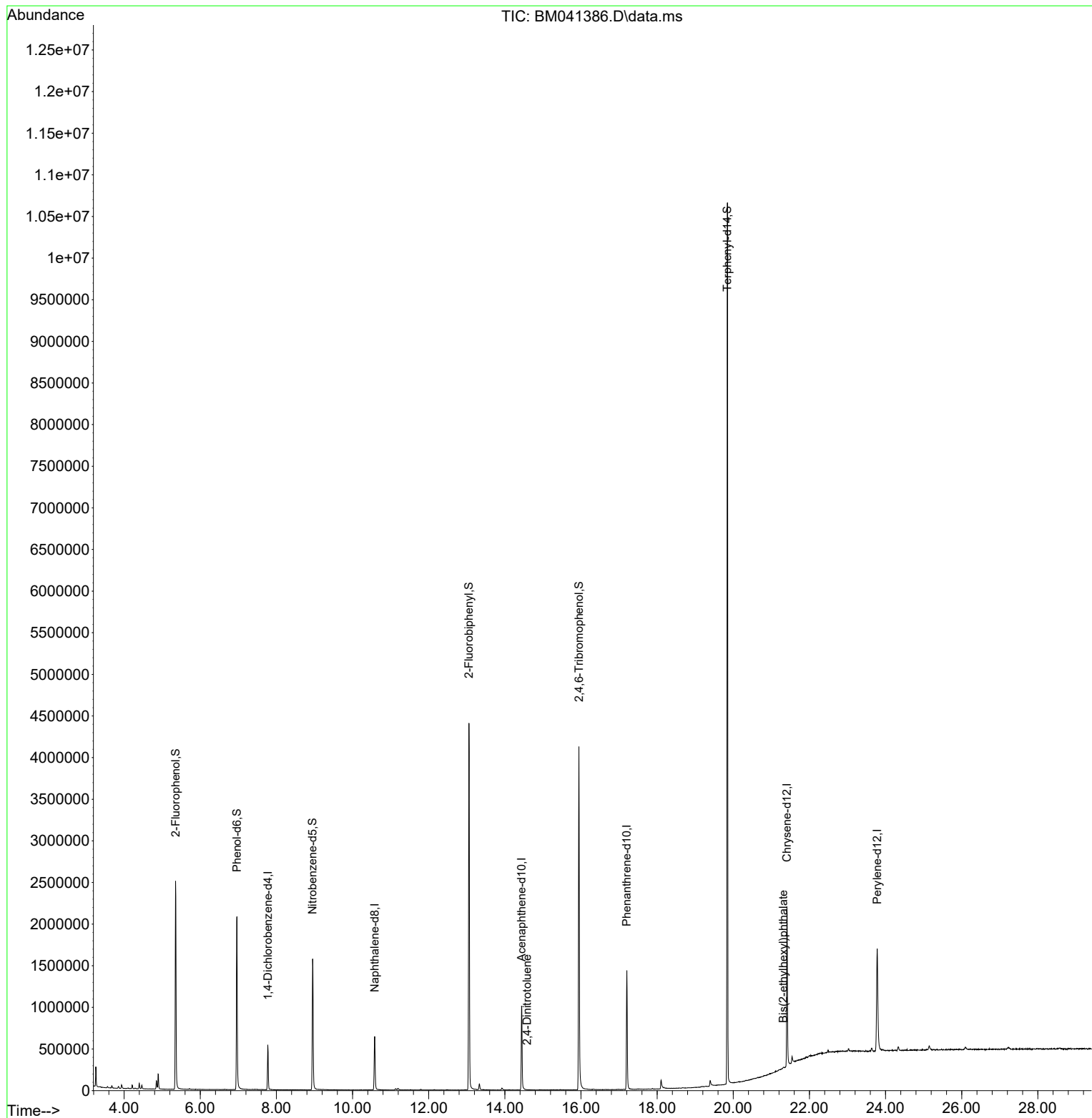
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	135734	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	538102	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	368006	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	902408	20.000	ng	0.00
76) Chrysene-d12	21.409	240	1001045	20.000	ng	0.00
86) Perylene-d12	23.780	264	1130610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1020573	112.377	ng	0.00
7) Phenol-d6	6.963	99	1178342	100.096	ng	0.00
23) Nitrobenzene-d5	8.951	82	932963	80.630	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	778983	149.653	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2261325	77.624	ng	0.00
79) Terphenyl-d14	19.845	244	4958687	89.562	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.586	165	114	2.684	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	4066	2.634	ng	# 94

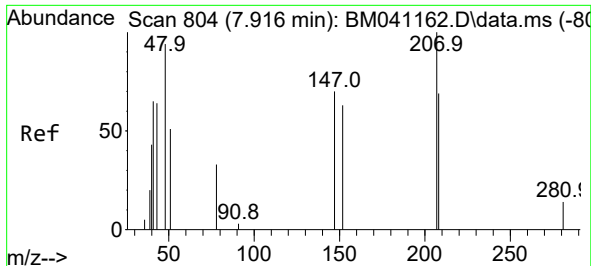
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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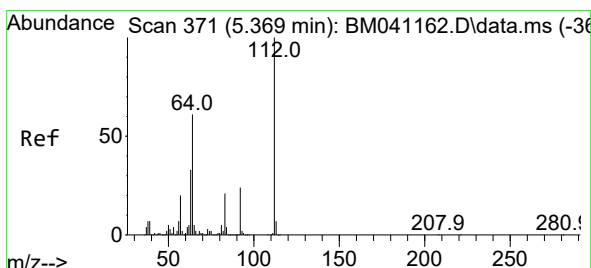
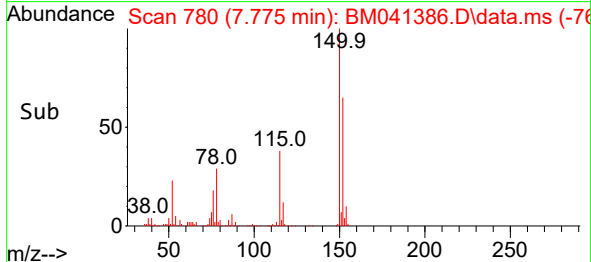
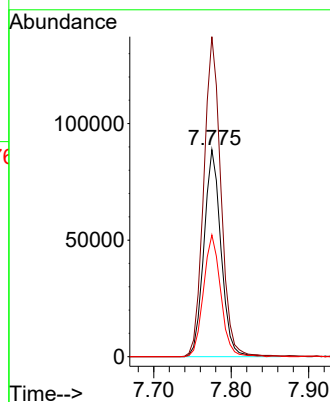
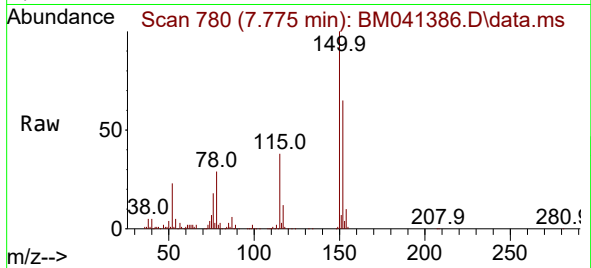




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

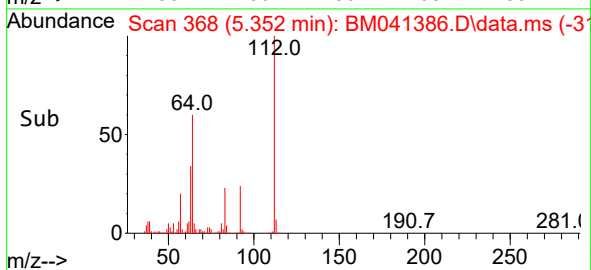
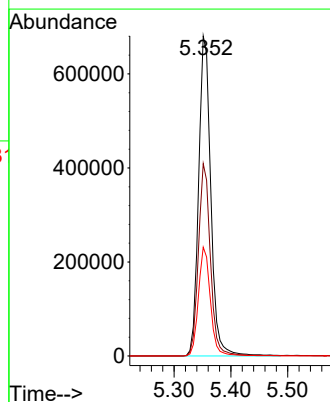
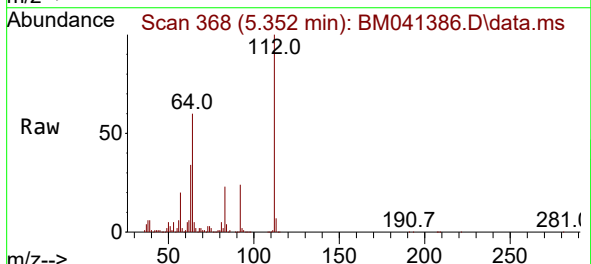
Instrument :
BNA_M
ClientSampleId :
WC-22

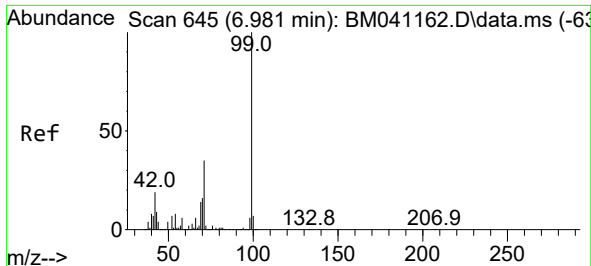
Tgt Ion:152 Resp: 135734
Ion Ratio Lower Upper
152 100
150 154.5 125.5 188.3
115 58.8 48.0 72.0



#5
2-Fluorophenol
Concen: 112.377 ng
RT: 5.352 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

Tgt Ion:112 Resp: 1020573
Ion Ratio Lower Upper
112 100
64 60.1 48.5 72.7
63 34.0 26.5 39.7

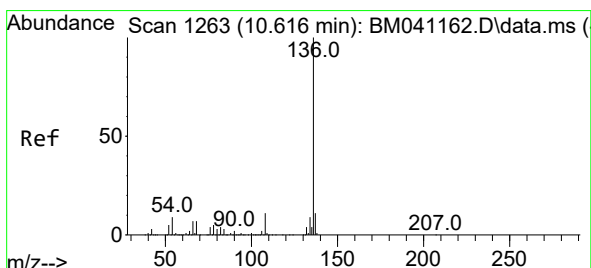
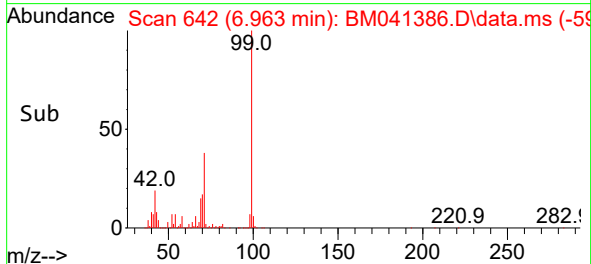
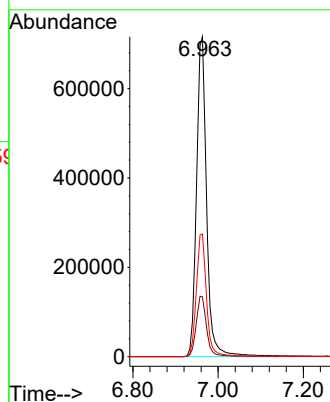
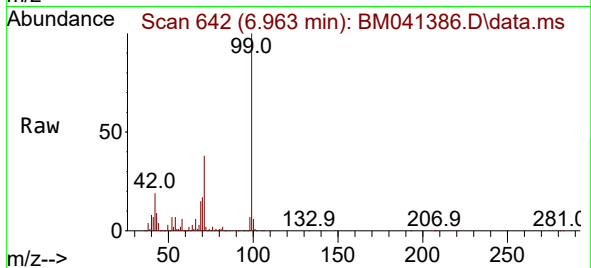




#7
Phenol-d6
Concen: 100.096 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

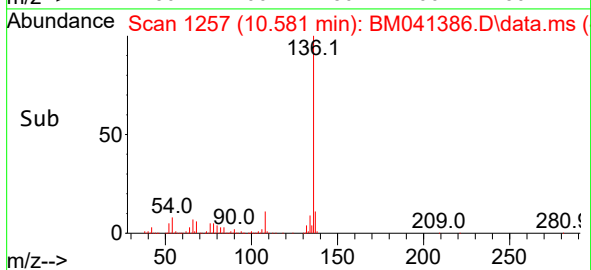
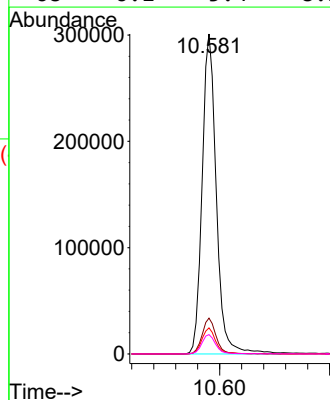
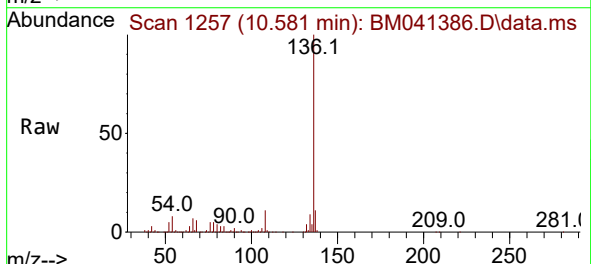
Instrument :
BNA_M
ClientSampleId :
WC-22

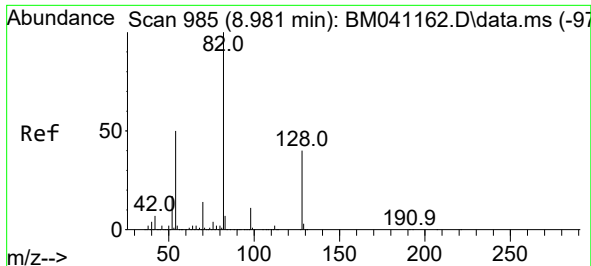
Tgt Ion: 99 Resp: 1178342
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 38.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

Tgt Ion:136 Resp: 538102
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 6.9 10.3
68 6.1 5.4 8.2

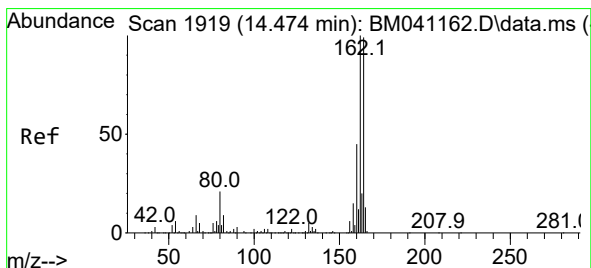
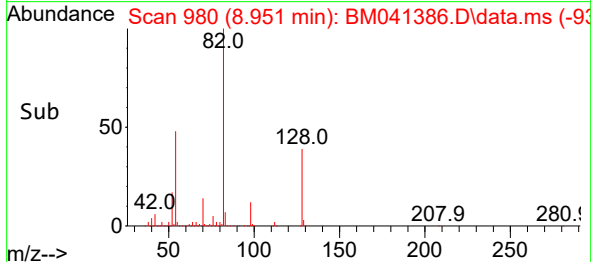
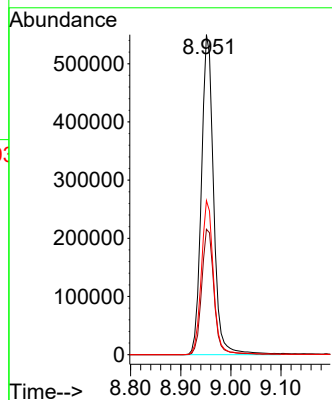
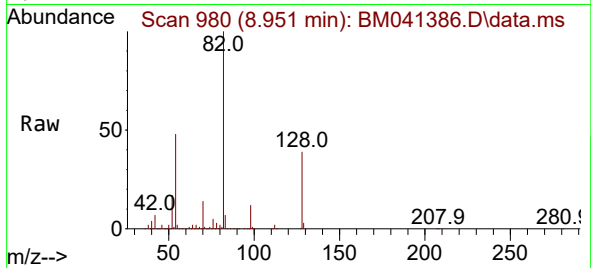




#23
Nitrobenzene-d5
Concen: 80.630 ng
RT: 8.951 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

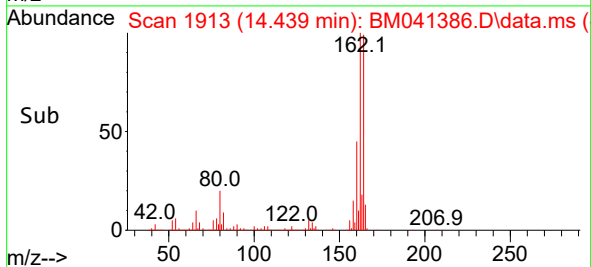
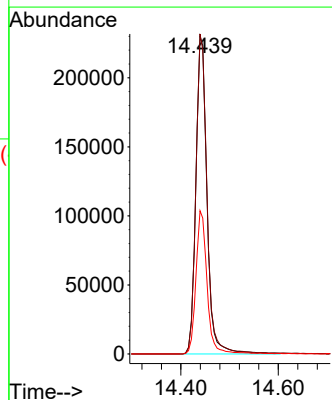
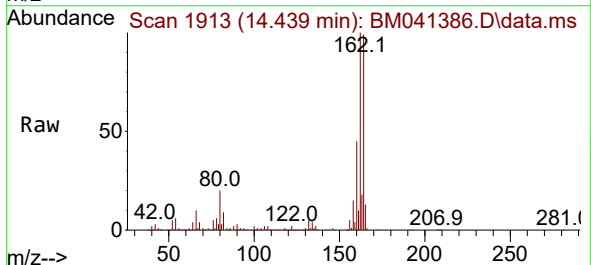
Instrument :
BNA_M
ClientSampleId :
WC-22

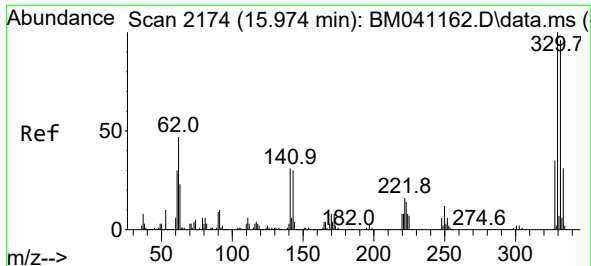
Tgt Ion: 82 Resp: 932963
Ion Ratio Lower Upper
82 100
128 39.2 31.8 47.6
54 48.1 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

Tgt Ion: 164 Resp: 368006
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 45.1 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 149.653 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041386.D

Acq: 11 Aug 2023 14:22

Instrument :

BNA_M

ClientSampleId :

WC-22

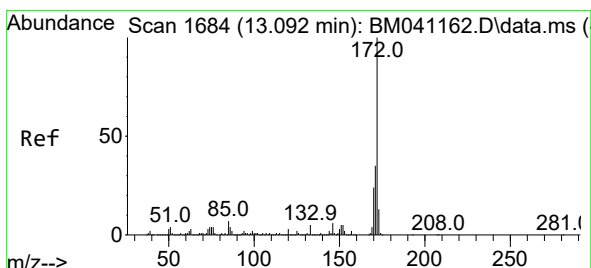
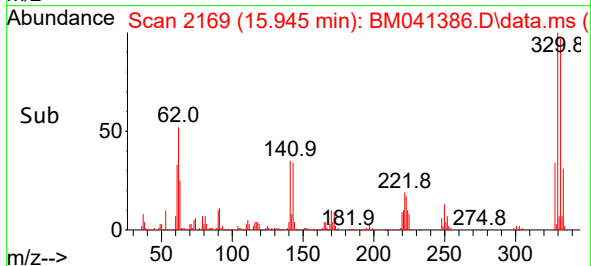
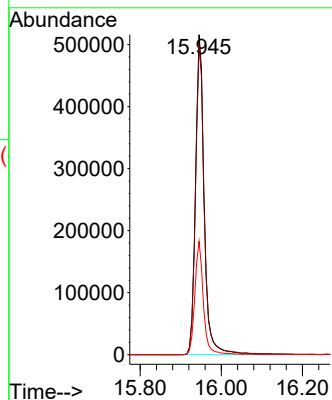
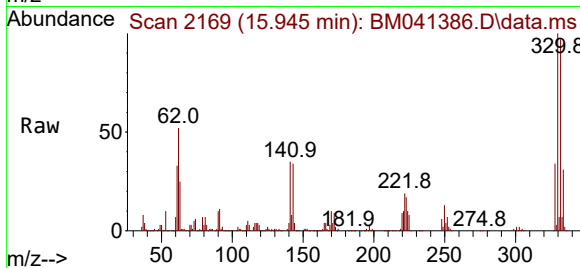
Tgt Ion:330 Resp: 778983

Ion Ratio Lower Upper

330 100

332 97.0 77.7 116.5

141 34.6 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 77.624 ng

RT: 13.057 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BM041386.D

Acq: 11 Aug 2023 14:22

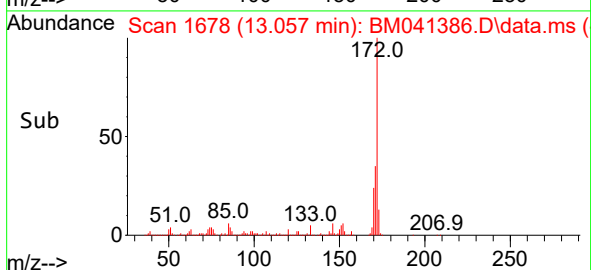
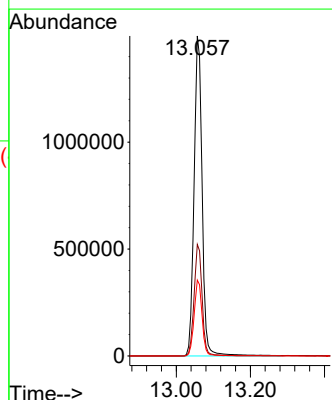
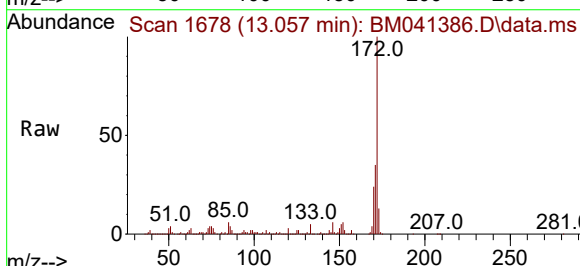
Tgt Ion:172 Resp: 2261325

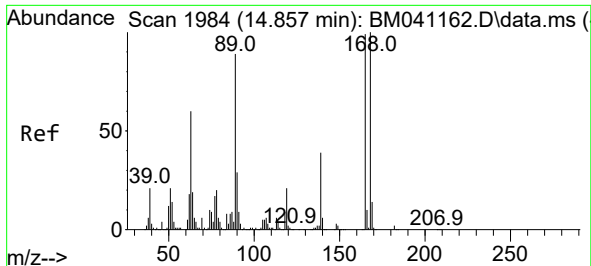
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.7 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.684 ng

RT: 14.586 min Scan# 1984

Delta R.T. -0.259 min

Lab File: BM041386.D

Acq: 11 Aug 2023 14:22

Instrument :

BNA_M

ClientSampleId :

WC-22

Tgt Ion:165 Resp: 114

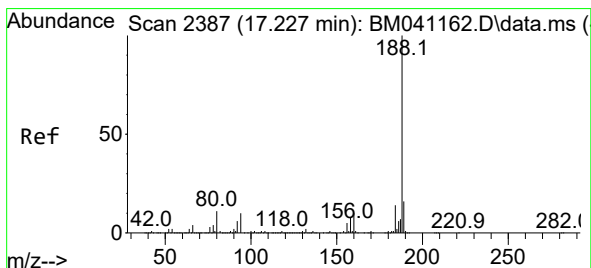
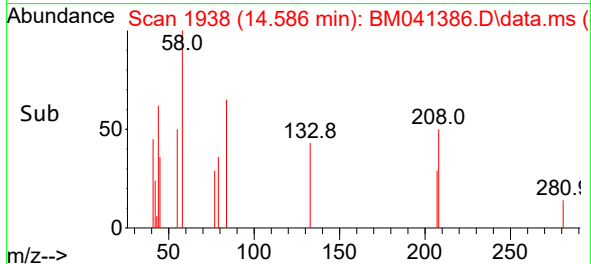
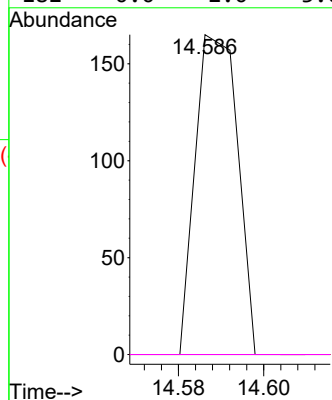
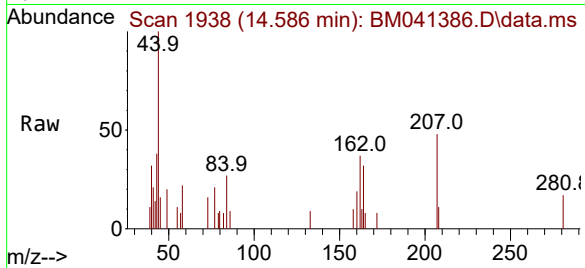
Ion Ratio Lower Upper

165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM041386.D

Acq: 11 Aug 2023 14:22

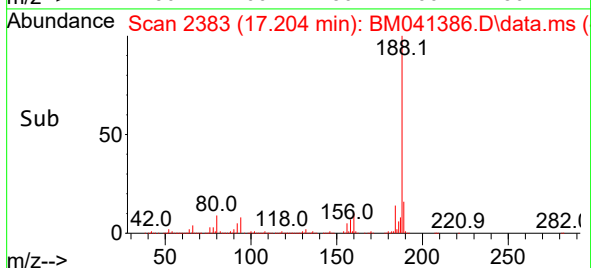
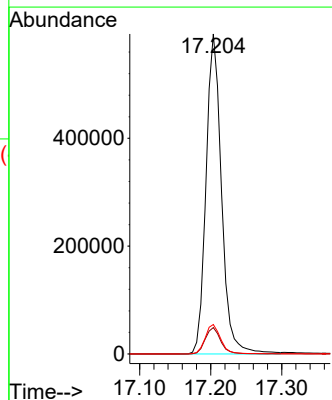
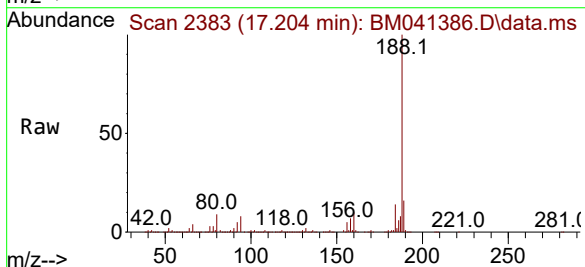
Tgt Ion:188 Resp: 902408

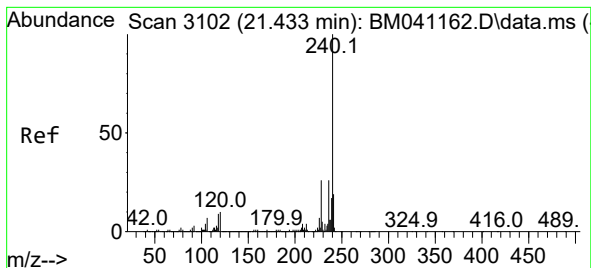
Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

80 9.2 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041386.D

Acq: 11 Aug 2023 14:22

Instrument :

BNA_M

ClientSampleId :

WC-22

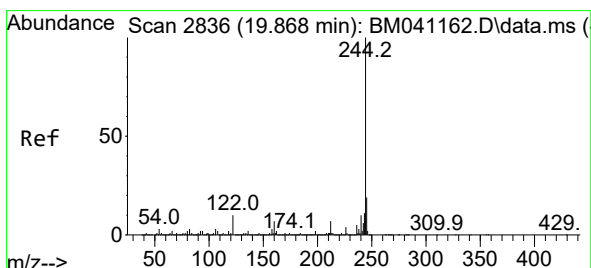
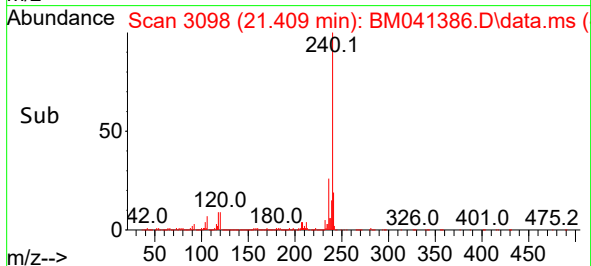
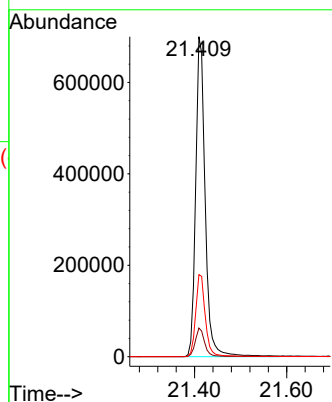
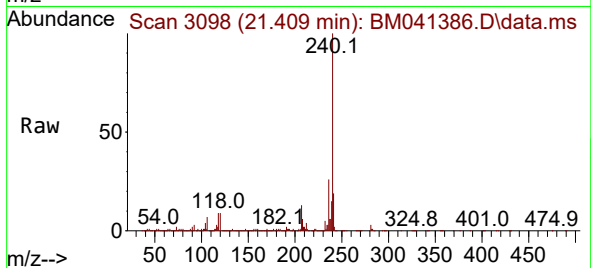
Tgt Ion:240 Resp: 1001045

Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

236 25.7 20.6 30.8



#79

Terphenyl-d14

Concen: 89.562 ng

RT: 19.845 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BM041386.D

Acq: 11 Aug 2023 14:22

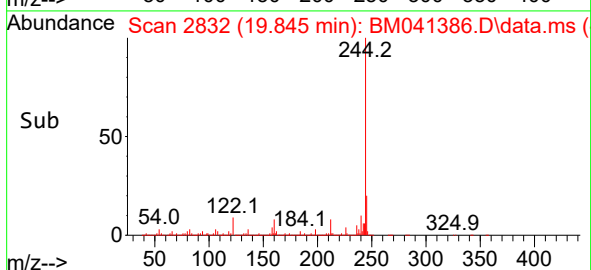
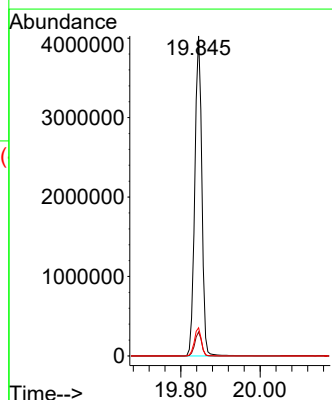
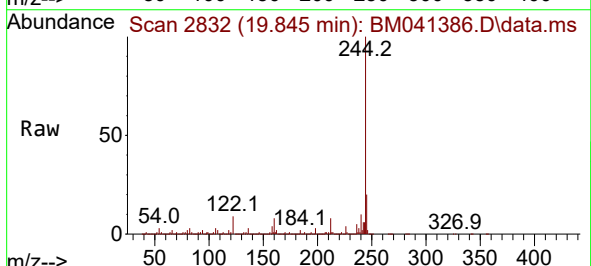
Tgt Ion:244 Resp: 4958687

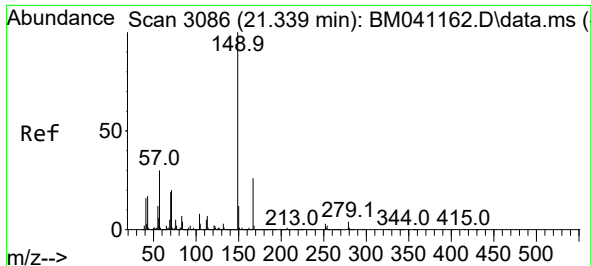
Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 8.8 7.8 11.6

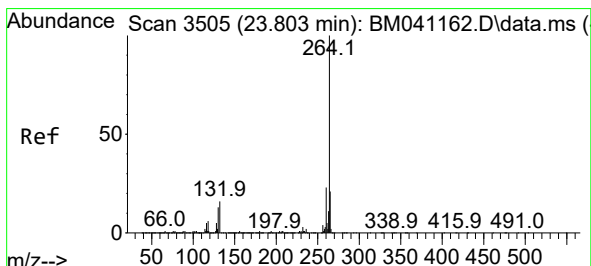
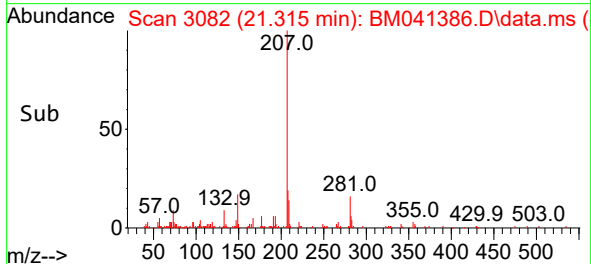
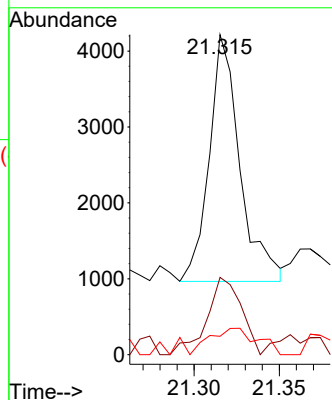
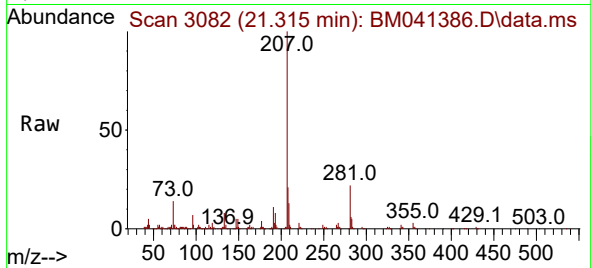




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.634 ng
RT: 21.315 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

Instrument :
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ClientSampleId :
WC-22

Tgt Ion:149 Resp: 4066
Ion Ratio Lower Upper
149 100
167 24.2 21.0 31.6
279 9.8 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3501
Delta R.T. -0.000 min
Lab File: BM041386.D
Acq: 11 Aug 2023 14:22

Tgt Ion:264 Resp: 1130610
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 22.6 17.4 26.0

