

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041384.D
 Acq On : 11 Aug 2023 13:08
 Operator : MA/JU
 Sample : 03954-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-21

Quant Time: Aug 11 15:26:42 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)

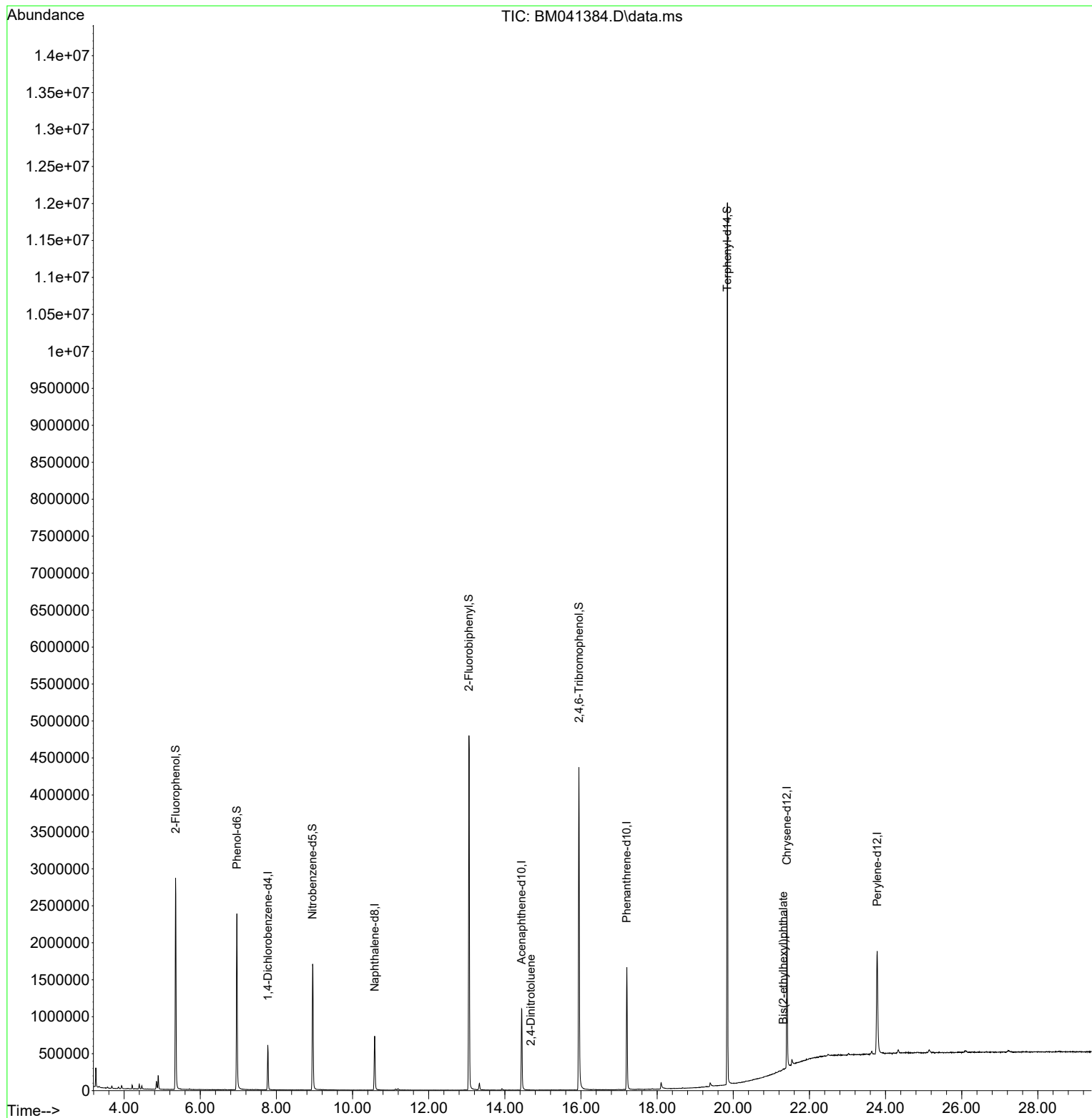
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	154533	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	604460	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	409880	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1024259	20.000	ng	# 0.00
76) Chrysene-d12	21.409	240	1093891	20.000	ng	0.00
86) Perylene-d12	23.780	264	1264086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1172296	113.380	ng	0.00
7) Phenol-d6	6.963	99	1330835	99.298	ng	0.00
23) Nitrobenzene-d5	8.951	82	1045387	80.428	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	871036	150.242	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2458173	75.761	ng	0.00
79) Terphenyl-d14	19.845	244	5404167	89.324	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.680	165	58	2.676	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	3827	2.621	ng	# 93

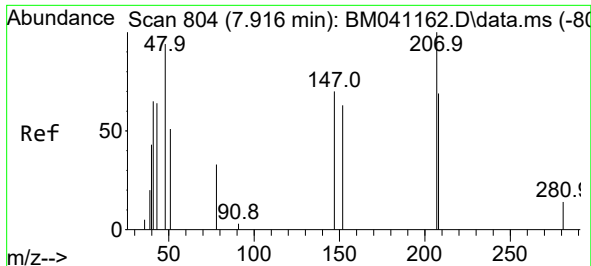
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
Data File : BM041384.D
Acq On : 11 Aug 2023 13:08
Operator : MA/JU
Sample : 03954-20
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-21

Quant Time: Aug 11 15:26:42 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

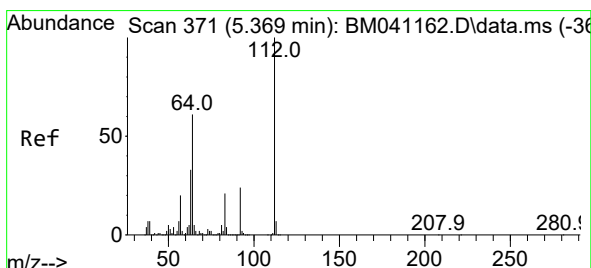
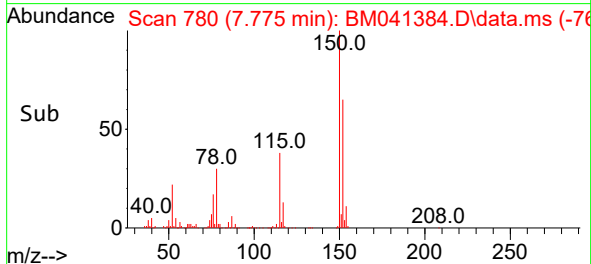
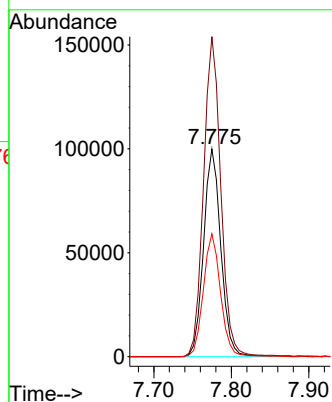
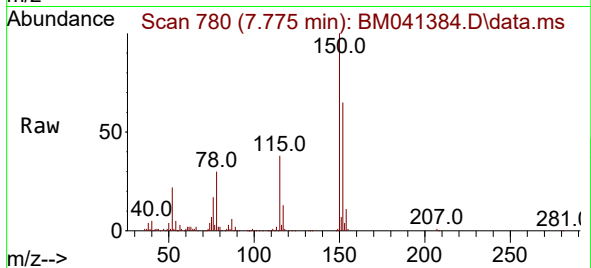




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041384.D
Acq: 11 Aug 2023 13:08

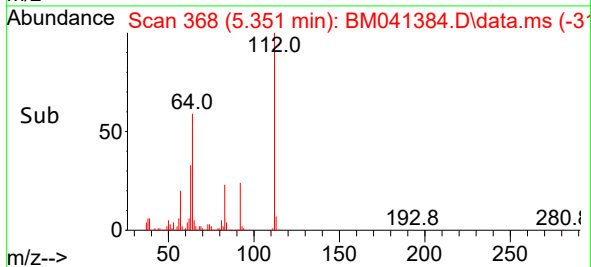
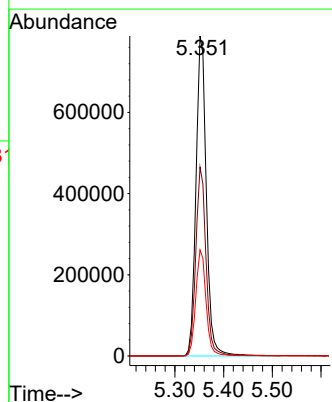
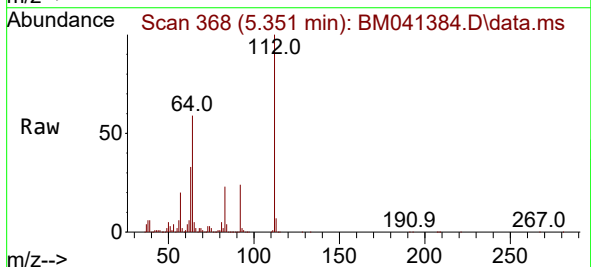
Instrument :
BNA_M
ClientSampleId :
WC-21

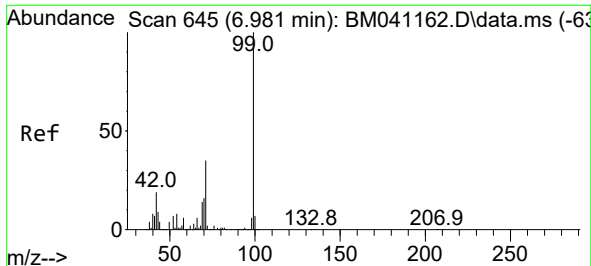
Tgt Ion:152 Resp: 154533
Ion Ratio Lower Upper
152 100
150 154.1 125.5 188.3
115 59.2 48.0 72.0



#5
2-Fluorophenol
Concen: 113.380 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041384.D
Acq: 11 Aug 2023 13:08

Tgt Ion:112 Resp: 1172296
Ion Ratio Lower Upper
112 100
64 59.0 48.5 72.7
63 33.2 26.5 39.7

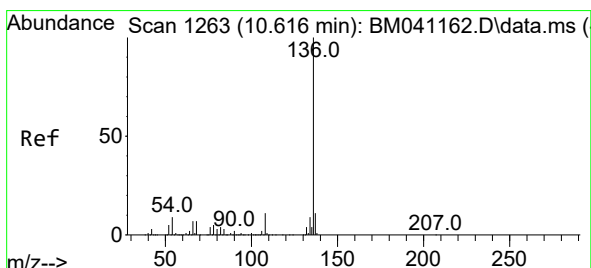
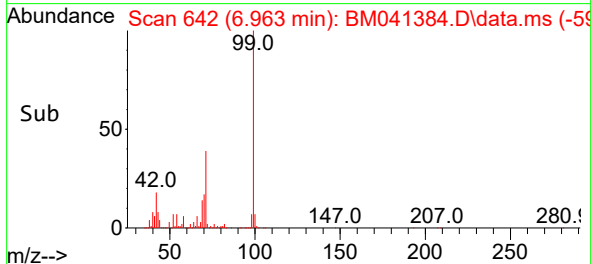
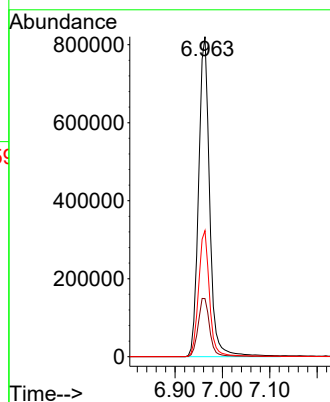
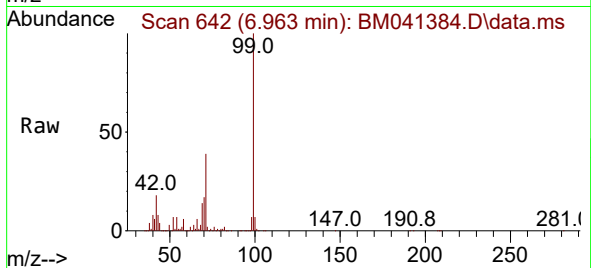




#7
Phenol-d6
Concen: 99.298 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041384.D
Acq: 11 Aug 2023 13:08

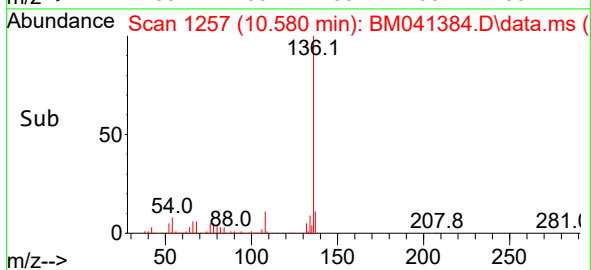
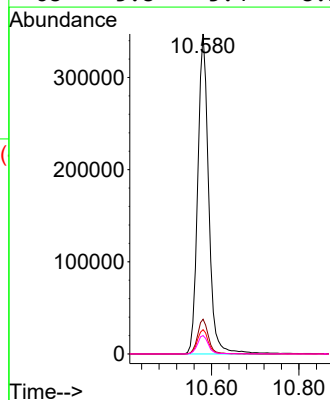
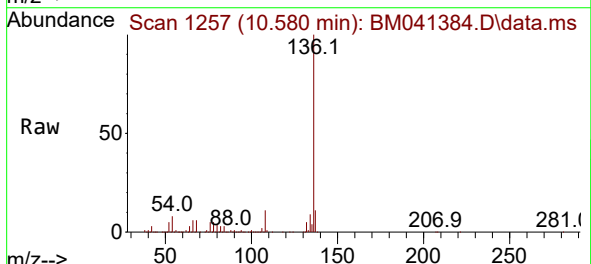
Instrument :
BNA_M
ClientSampleId :
WC-21

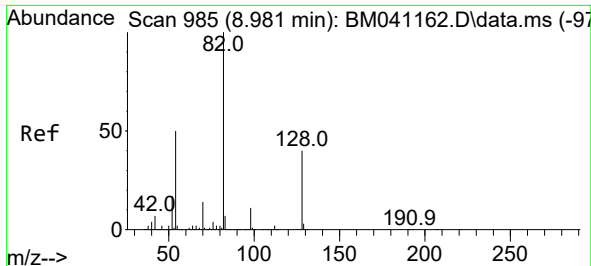
Tgt Ion: 99 Resp: 1330835
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 39.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041384.D
Acq: 11 Aug 2023 13:08

Tgt Ion:136 Resp: 604460
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 6.9 10.3
68 5.8 5.4 8.2

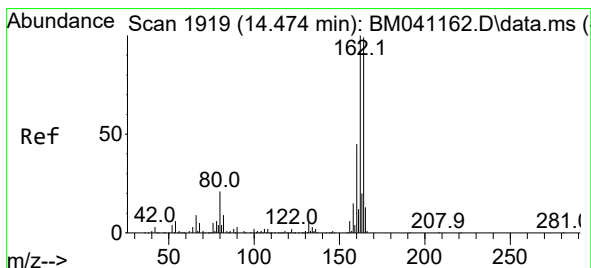
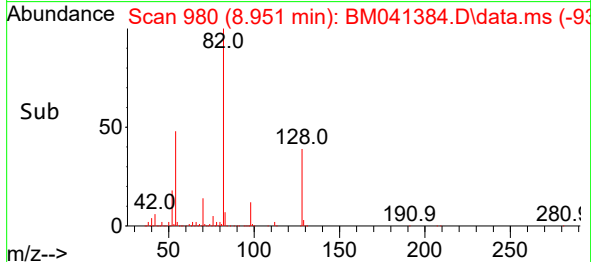
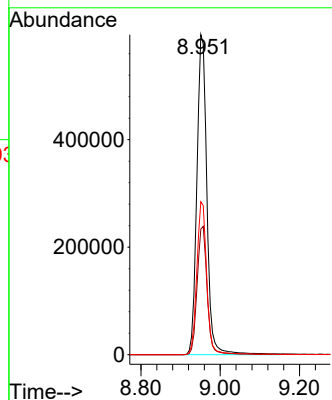
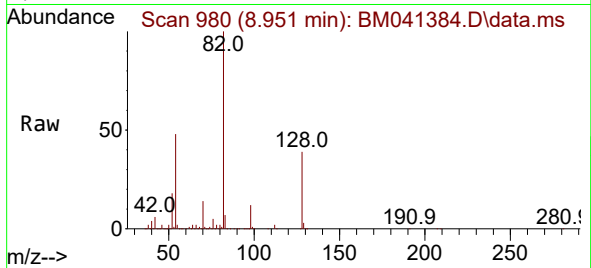




#23
Nitrobenzene-d5
Concen: 80.428 ng
RT: 8.951 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041384.D
Acq: 11 Aug 2023 13:08

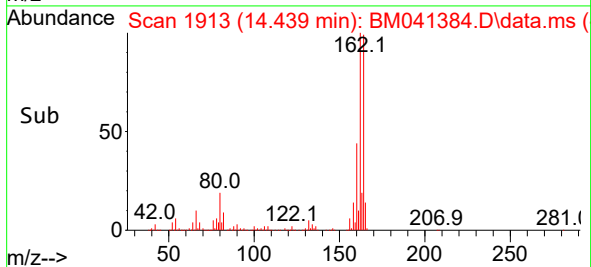
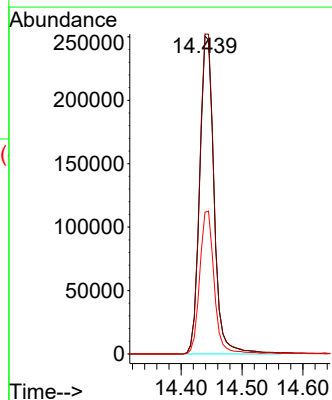
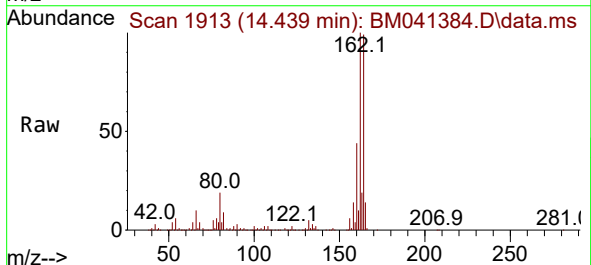
Instrument :
BNA_M
ClientSampleId :
WC-21

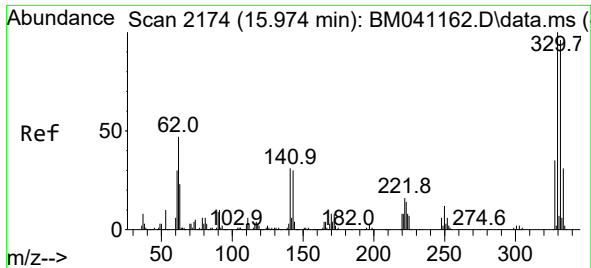
Tgt Ion: 82 Resp: 1045387
Ion Ratio Lower Upper
82 100
128 39.2 31.8 47.6
54 47.8 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BM041384.D
Acq: 11 Aug 2023 13:08

Tgt Ion: 164 Resp: 409880
Ion Ratio Lower Upper
164 100
162 100.7 80.4 120.6
160 44.6 36.2 54.2

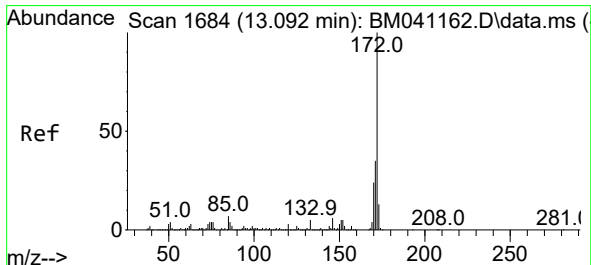
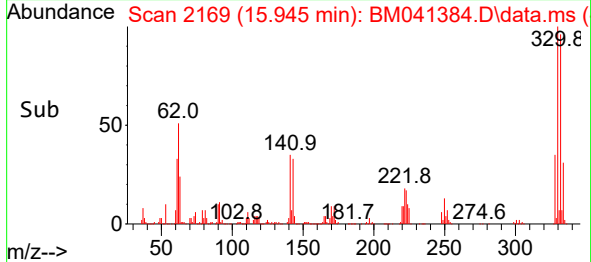
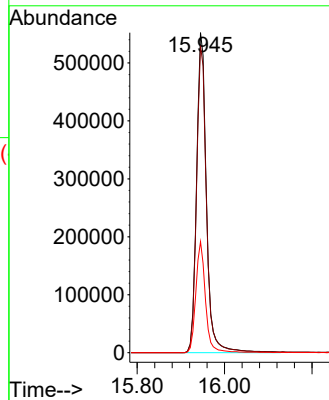
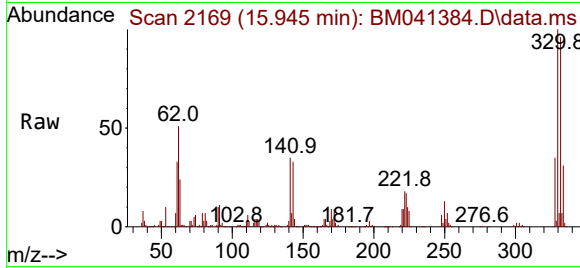




#42
2,4,6-Tribromophenol
Concen: 150.242 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041384.D
Acq: 11 Aug 2023 13:08

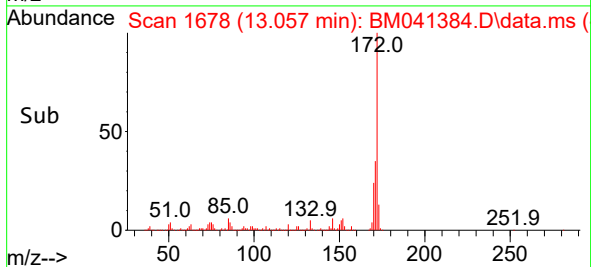
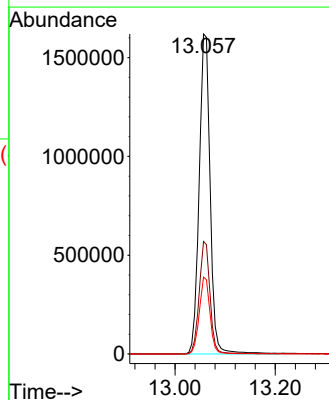
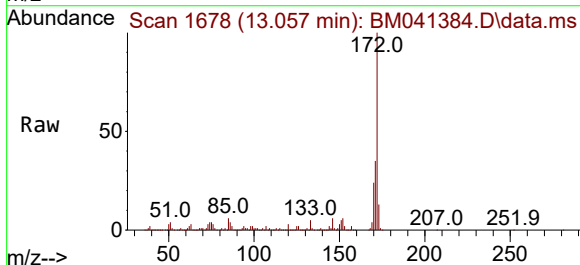
Instrument :
BNA_M
ClientSampleId :
WC-21

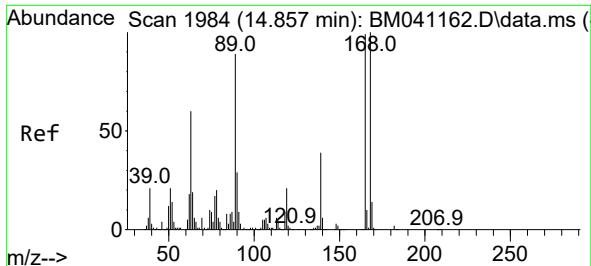
Tgt Ion:330 Resp: 871036
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 34.1 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 75.761 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041384.D
Acq: 11 Aug 2023 13:08

Tgt Ion:172 Resp: 2458173
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.0 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.676 ng

RT: 14.680 min Scan# 1984

Delta R.T. -0.165 min

Lab File: BM041384.D

Acq: 11 Aug 2023 13:08

Instrument :

BNA_M

ClientSampleId :

WC-21

Tgt Ion:165 Resp: 58

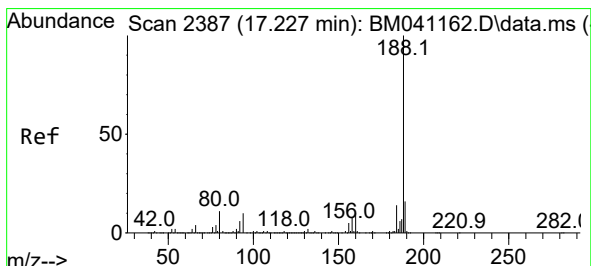
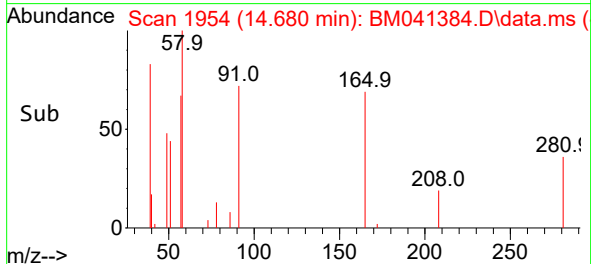
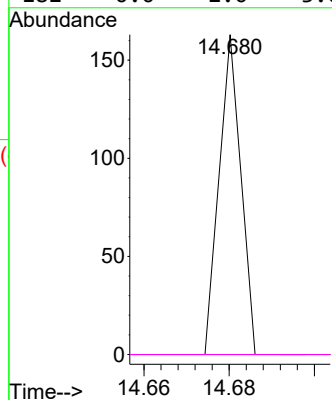
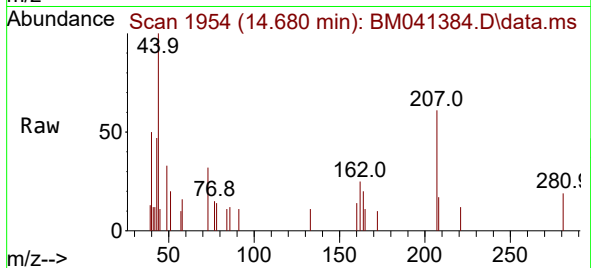
Ion Ratio Lower Upper

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: BM041384.D

Acq: 11 Aug 2023 13:08

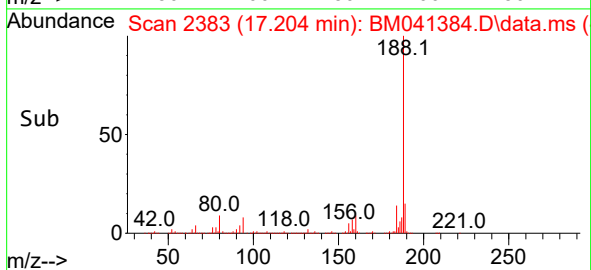
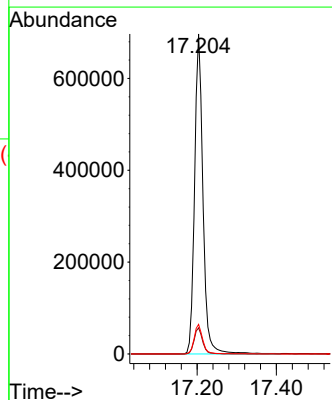
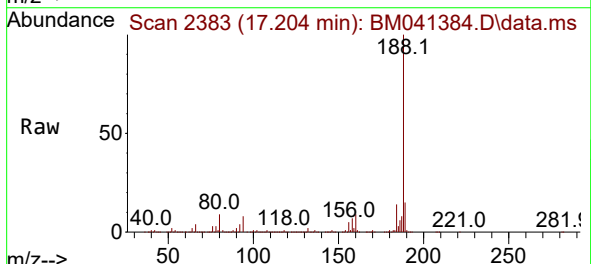
Tgt Ion:188 Resp: 1024259

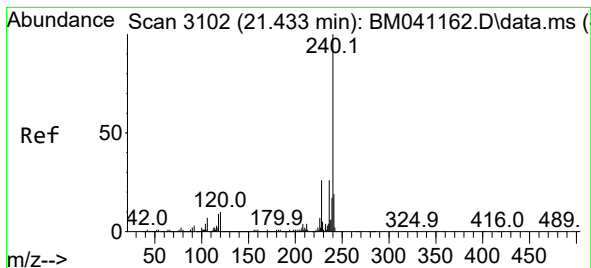
Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

80 9.3 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM041384.D

Acq: 11 Aug 2023 13:08

Instrument :

BNA_M

ClientSampleId :

WC-21

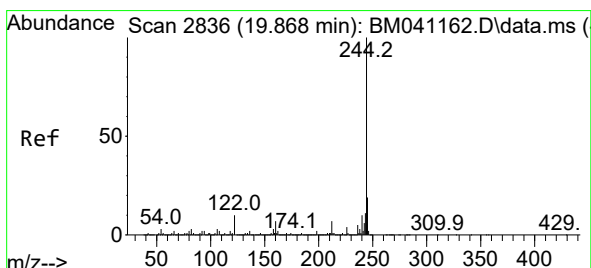
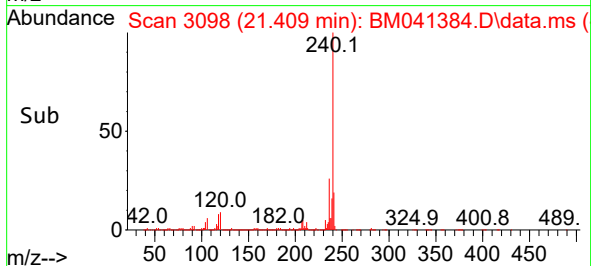
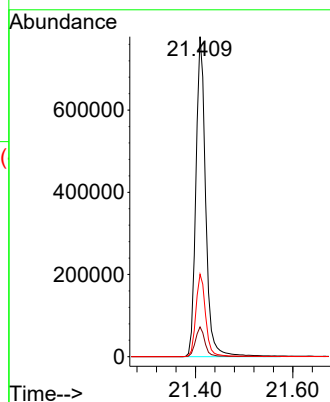
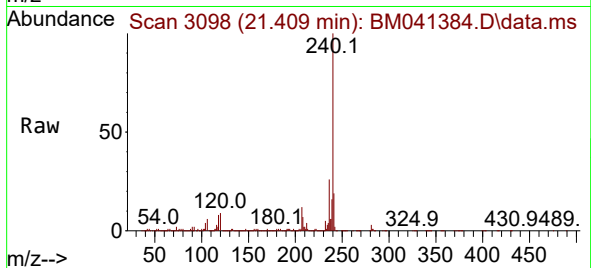
Tgt Ion:240 Resp: 1093891

Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

236 25.8 20.6 30.8



#79

Terphenyl-d14

Concen: 89.324 ng

RT: 19.845 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BM041384.D

Acq: 11 Aug 2023 13:08

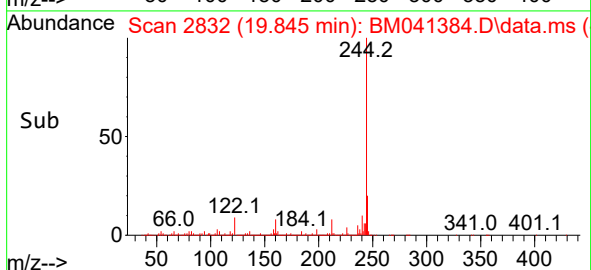
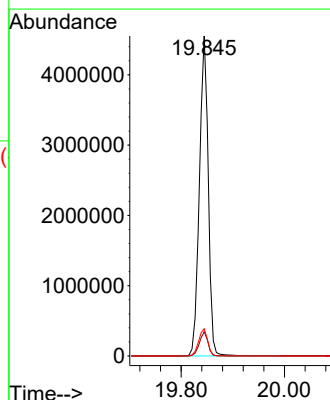
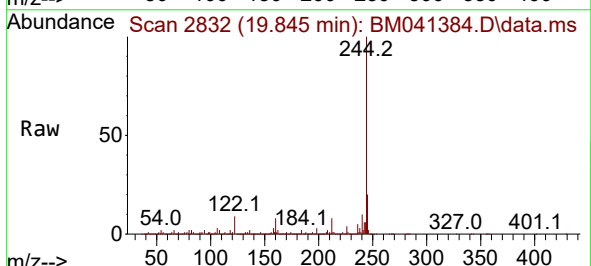
Tgt Ion:244 Resp: 5404167

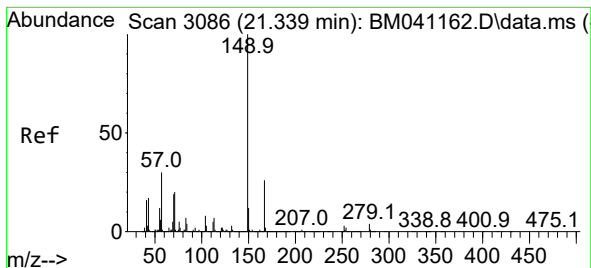
Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

122 8.5 7.8 11.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.621 ng

RT: 21.315 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM041384.D

Acq: 11 Aug 2023 13:08

Instrument :

BNA_M

ClientSampleId :

WC-21

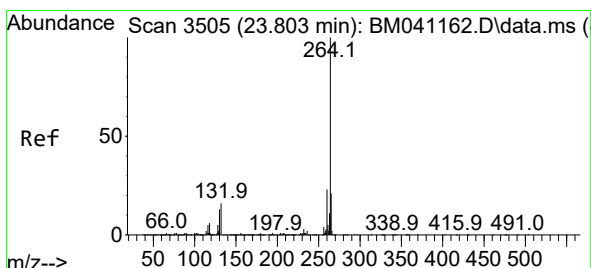
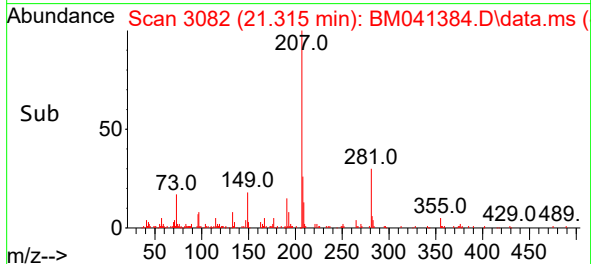
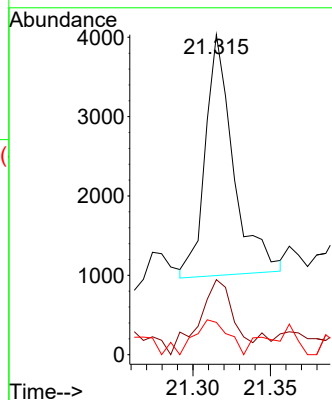
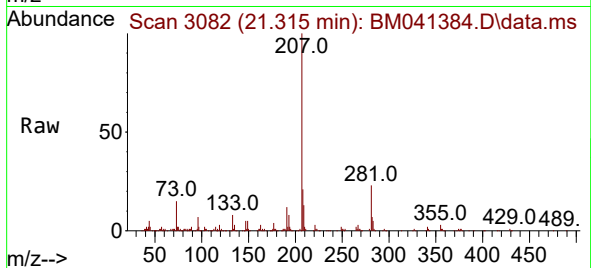
Tgt Ion:149 Resp: 3827

Ion Ratio Lower Upper

149 100

167 23.4 21.0 31.6

279 10.1 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: BM041384.D

Acq: 11 Aug 2023 13:08

Tgt Ion:264 Resp: 1264086

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 22.1 17.4 26.0

