

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041380.D
 Acq On : 11 Aug 2023 10:39
 Operator : MA/JU
 Sample : PB154730TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154730TB

Quant Time: Aug 11 15:24:59 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)

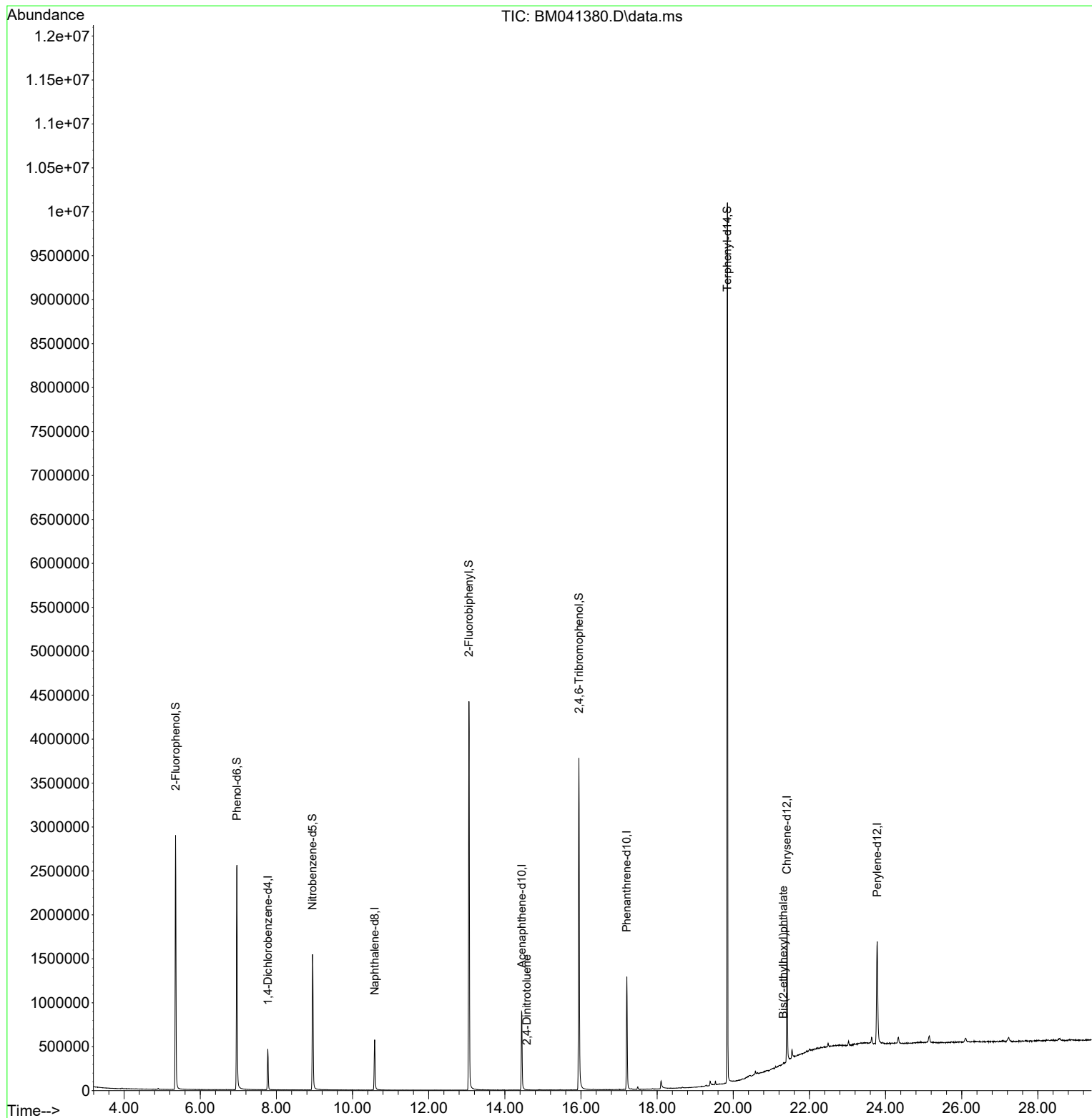
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	118852	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	485807	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	336263	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	815528	20.000	ng	# 0.00
76) Chrysene-d12	21.409	240	858666	20.000	ng	0.00
86) Perylene-d12	23.780	264	1020796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1175413	147.810	ng	0.00
7) Phenol-d6	6.963	99	1477524	143.339	ng	0.00
23) Nitrobenzene-d5	8.951	82	923150	88.370	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	774427	162.823	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2299800	86.397	ng	0.00
79) Terphenyl-d14	19.845	244	4653194	97.980	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.575	165	164	2.691	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.315	149	3651	2.638	ng	# 93

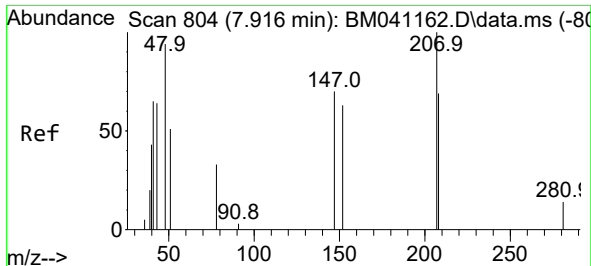
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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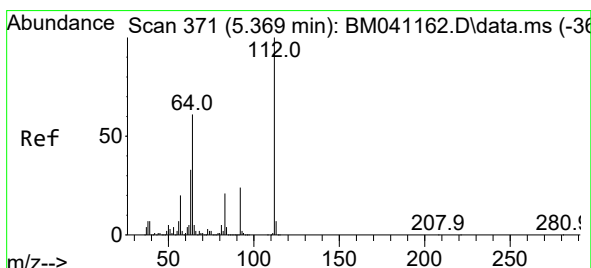
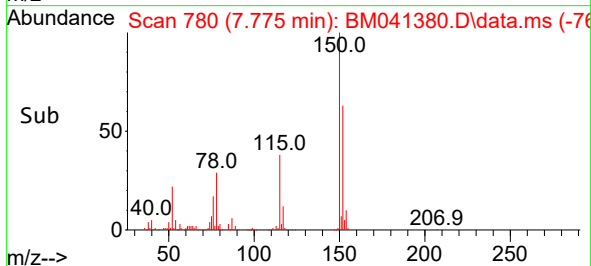
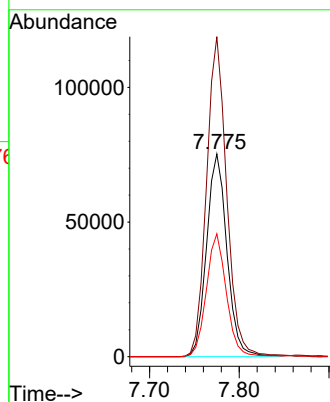
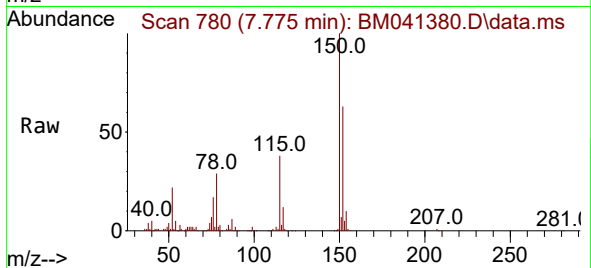




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041380.D
Acq: 11 Aug 2023 10:39

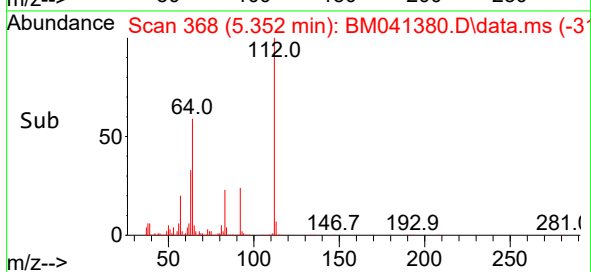
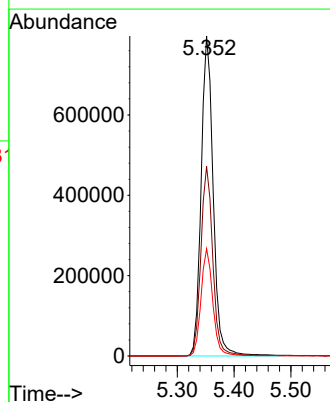
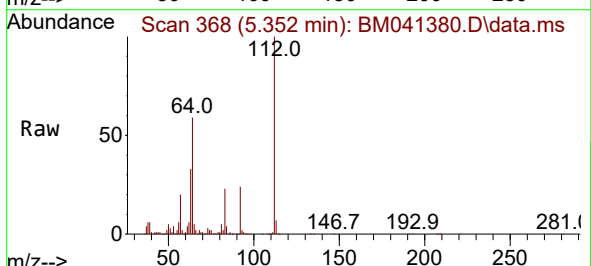
Instrument :
BNA_M
ClientSampleId :
PB154730TB

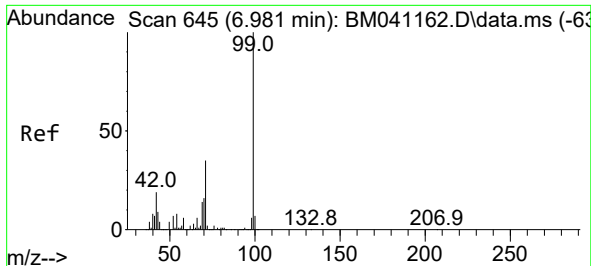
Tgt Ion:152 Resp: 118852
Ion Ratio Lower Upper
152 100
150 157.8 125.5 188.3
115 60.6 48.0 72.0



#5
2-Fluorophenol
Concen: 147.810 ng
RT: 5.352 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041380.D
Acq: 11 Aug 2023 10:39

Tgt Ion:112 Resp: 1175413
Ion Ratio Lower Upper
112 100
64 59.2 48.5 72.7
63 33.5 26.5 39.7

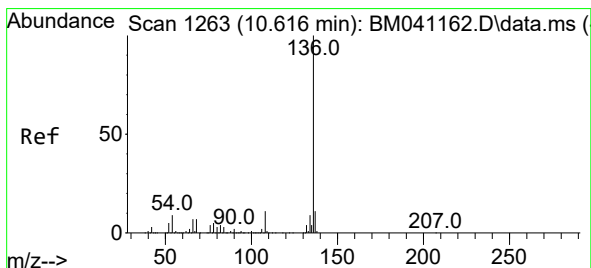
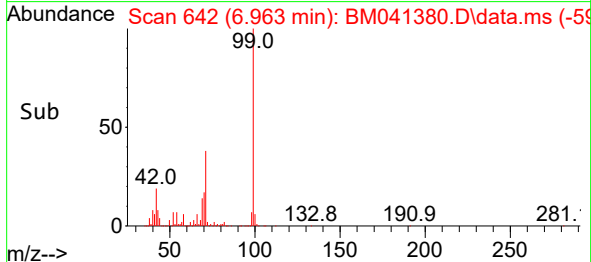
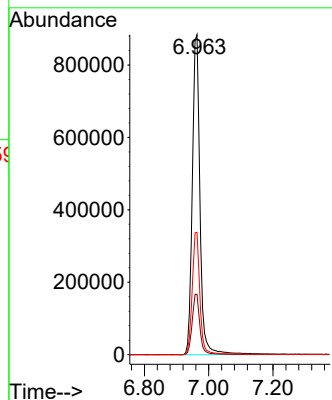
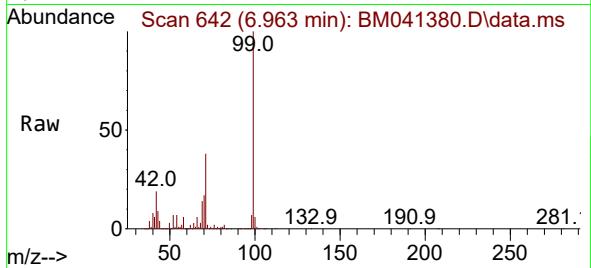




#7
Phenol-d6
Concen: 143.339 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041380.D
Acq: 11 Aug 2023 10:39

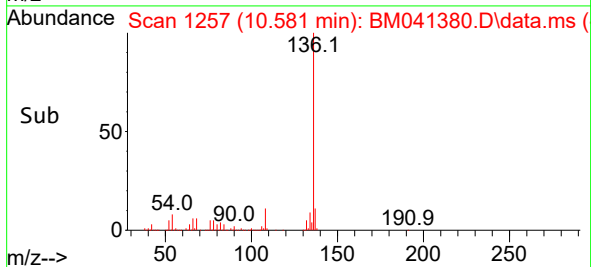
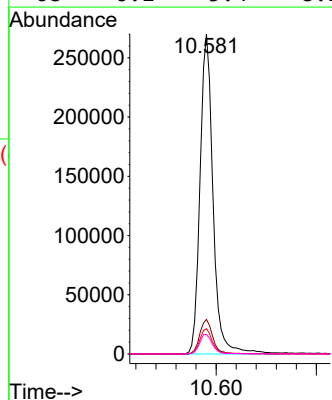
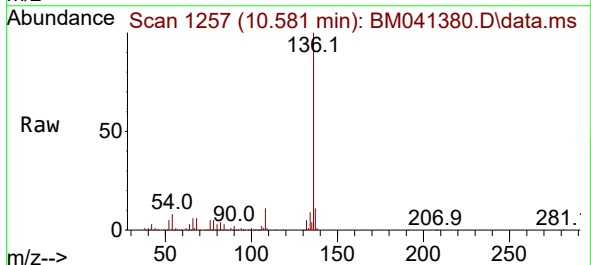
Instrument :
BNA_M
ClientSampleId :
PB154730TB

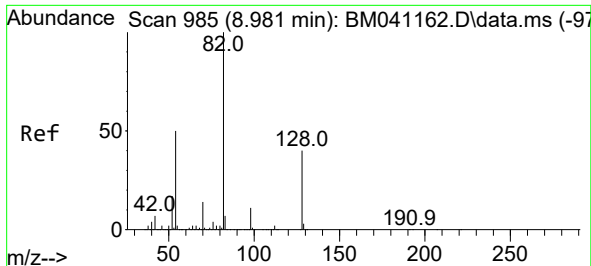
Tgt Ion: 99 Resp: 1477524
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 38.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041380.D
Acq: 11 Aug 2023 10:39

Tgt Ion:136 Resp: 485807
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 6.9 10.3
68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 88.370 ng

RT: 8.951 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041380.D

Acq: 11 Aug 2023 10:39

Instrument :

BNA_M

ClientSampleId :

PB154730TB

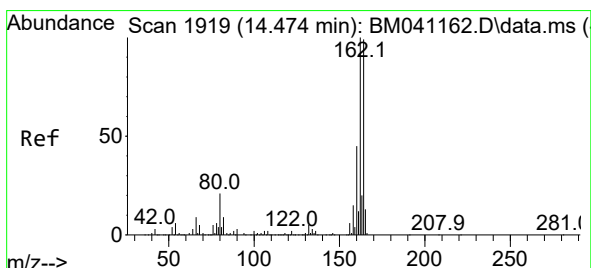
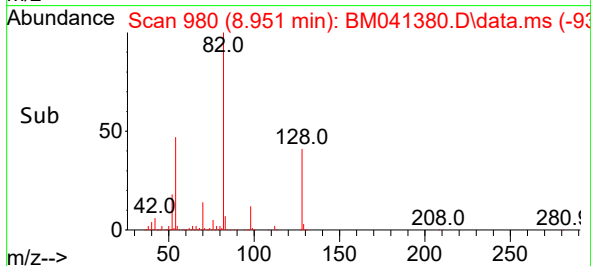
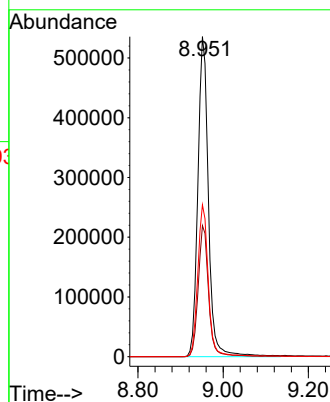
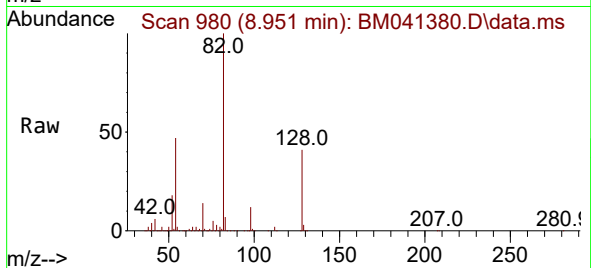
Tgt Ion: 82 Resp: 923150

Ion Ratio Lower Upper

82 100

128 40.9 31.8 47.6

54 47.5 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. 0.000 min

Lab File: BM041380.D

Acq: 11 Aug 2023 10:39

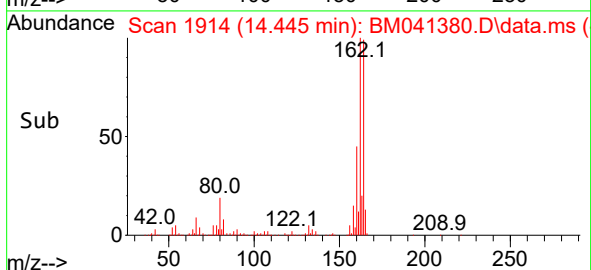
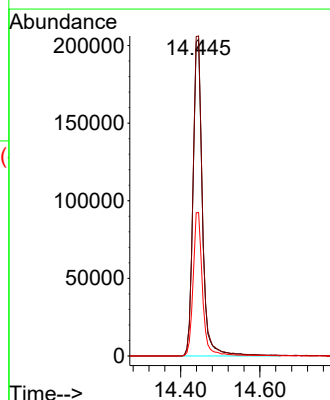
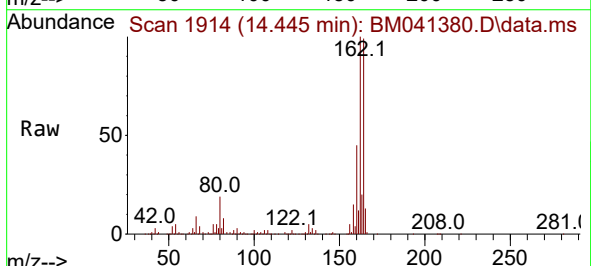
Tgt Ion: 164 Resp: 336263

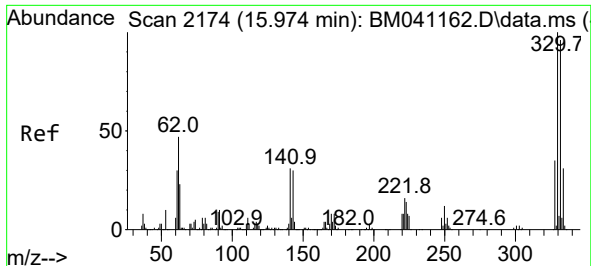
Ion Ratio Lower Upper

164 100

162 101.1 80.4 120.6

160 45.3 36.2 54.2

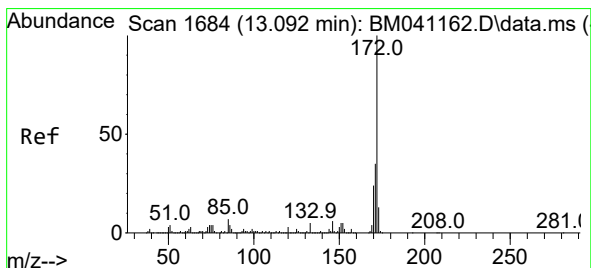
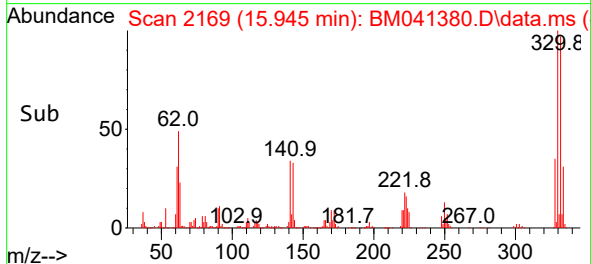
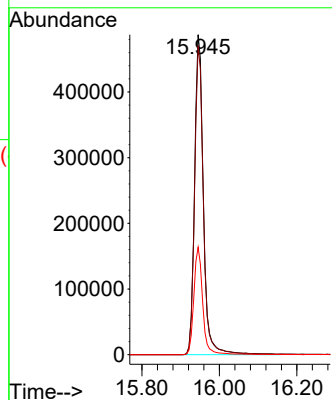
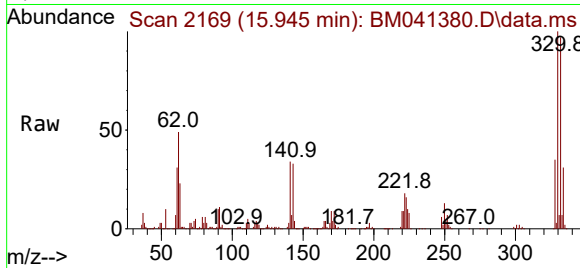




#42
2,4,6-Tribromophenol
Concen: 162.823 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041380.D
Acq: 11 Aug 2023 10:39

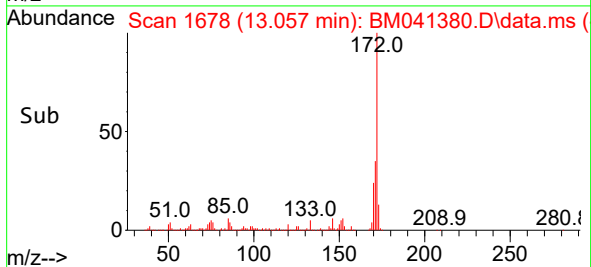
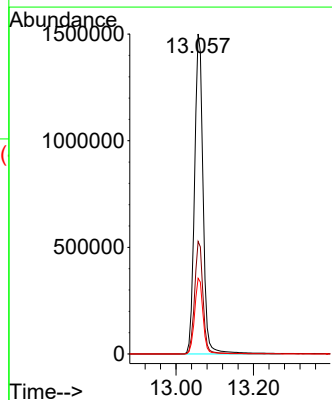
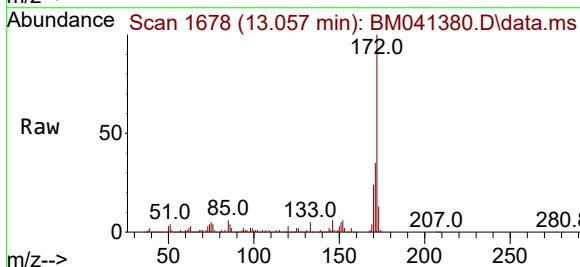
Instrument :
BNA_M
ClientSampleId :
PB154730TB

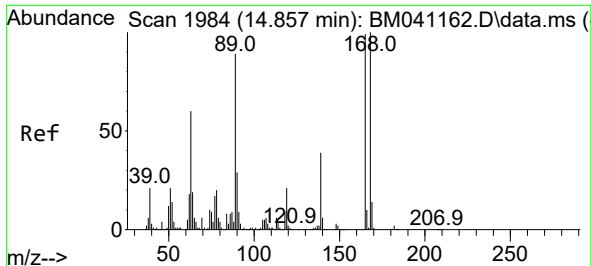
Tgt Ion:330 Resp: 774427
Ion Ratio Lower Upper
330 100
332 96.3 77.7 116.5
141 33.7 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 86.397 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041380.D
Acq: 11 Aug 2023 10:39

Tgt Ion:172 Resp: 2299800
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.691 ng

RT: 14.575 min Scan# 1984

Delta R.T. -0.270 min

Lab File: BM041380.D

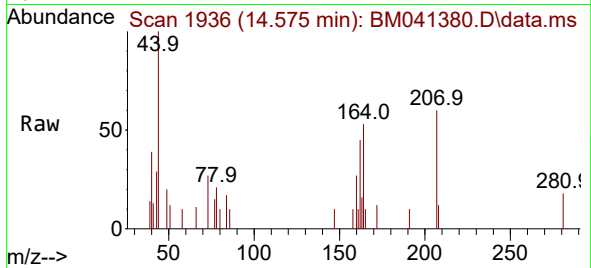
Acq: 11 Aug 2023 10:39

Instrument :

BNA_M

ClientSampleId :

PB154730TB



Tgt Ion:165 Resp: 164

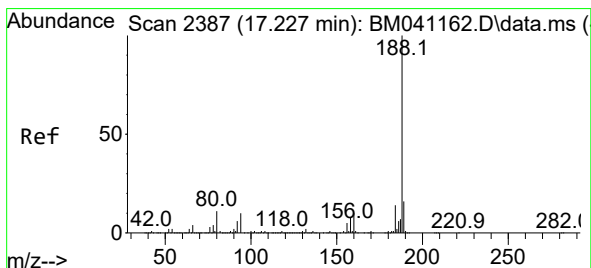
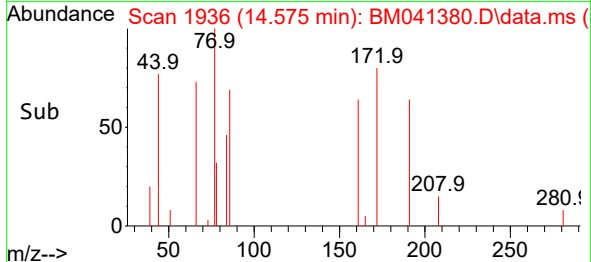
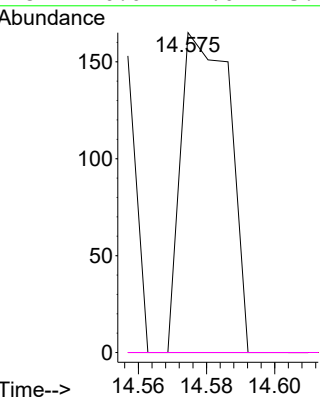
Ion Ratio Lower Upper

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: BM041380.D

Acq: 11 Aug 2023 10:39

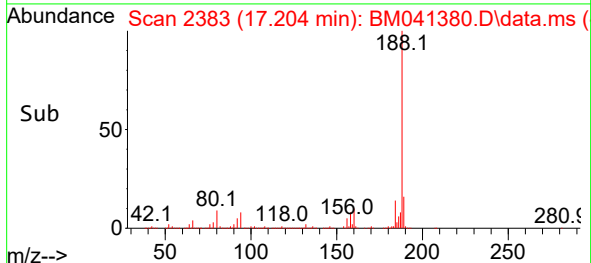
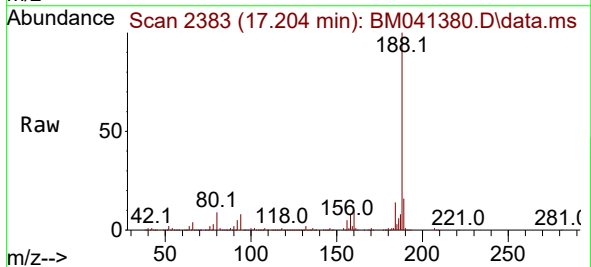
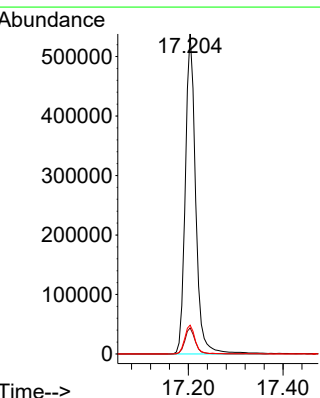
Tgt Ion:188 Resp: 815528

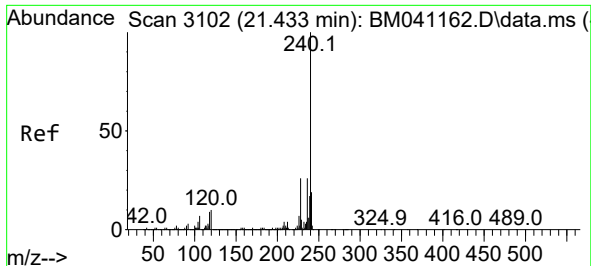
Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

80 9.0 8.6 13.0

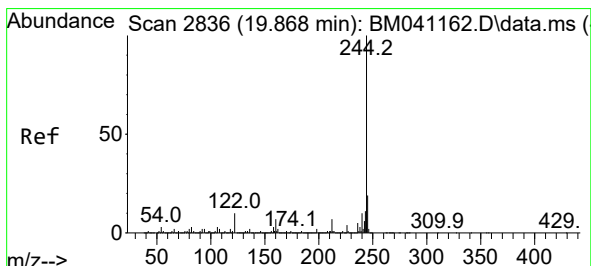
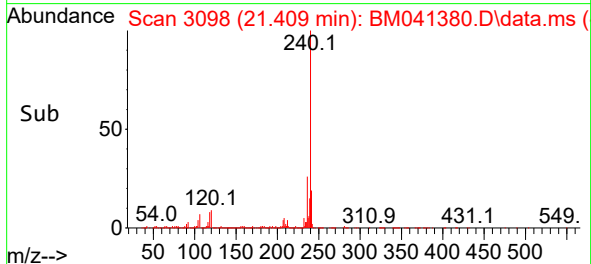
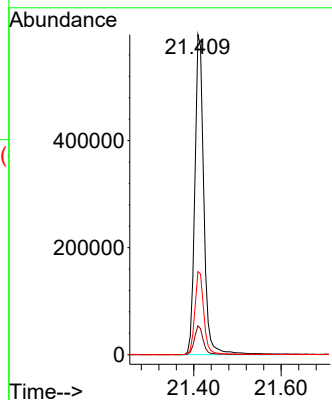
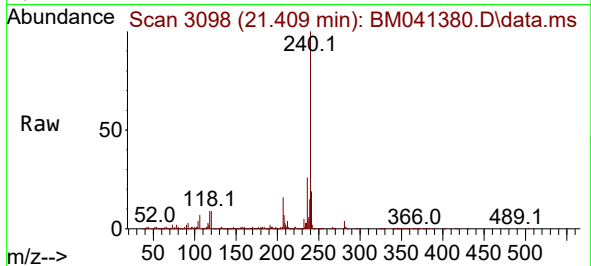




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM041380.D
Acq: 11 Aug 2023 10:39

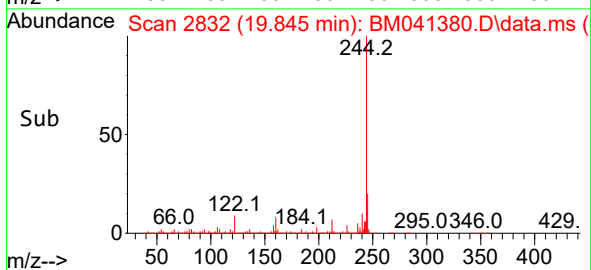
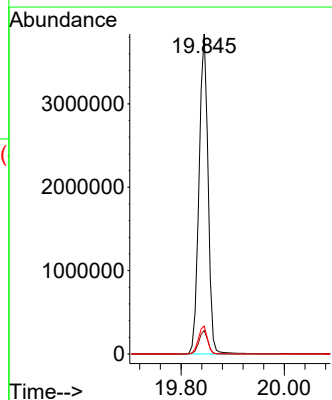
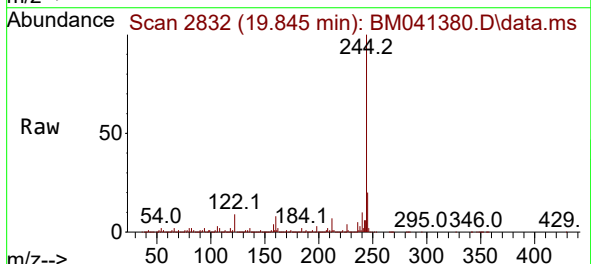
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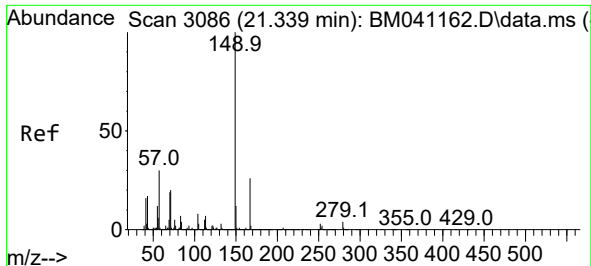
Tgt Ion:240 Resp: 858666
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 97.980 ng
RT: 19.845 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BM041380.D
Acq: 11 Aug 2023 10:39

Tgt Ion:244 Resp: 4653194
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 8.7 7.8 11.6

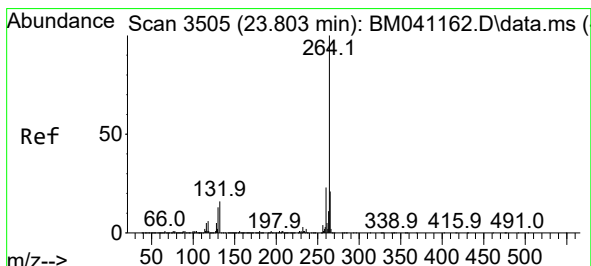
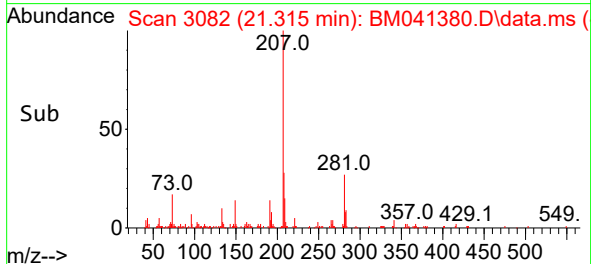
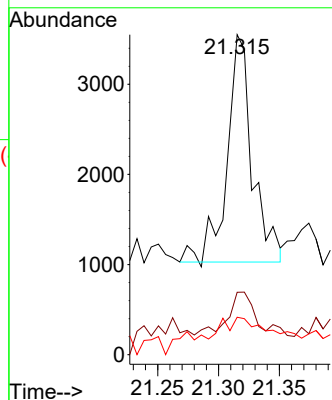
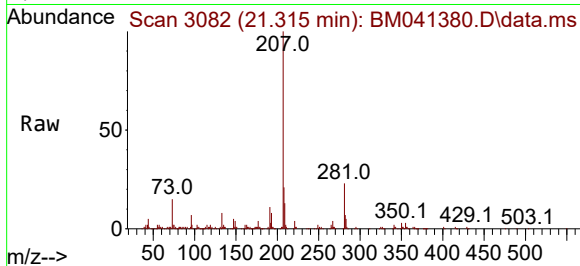




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.638 ng
RT: 21.315 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM041380.D
Acq: 11 Aug 2023 10:39

Instrument :
BNA_M
ClientSampleId :
PB154730TB

Tgt Ion:149 Resp: 3651
Ion Ratio Lower Upper
149 100
167 24.2 21.0 31.6
279 11.7 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: BM041380.D
Acq: 11 Aug 2023 10:39

Tgt Ion:264 Resp: 1020796
Ion Ratio Lower Upper
264 100
260 24.1 18.5 27.7
265 22.3 17.4 26.0

