

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041379.D
 Acq On : 11 Aug 2023 10:03
 Operator : MA/JU
 Sample : PB154756BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154756BL

Quant Time: Aug 11 15:24:47 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)

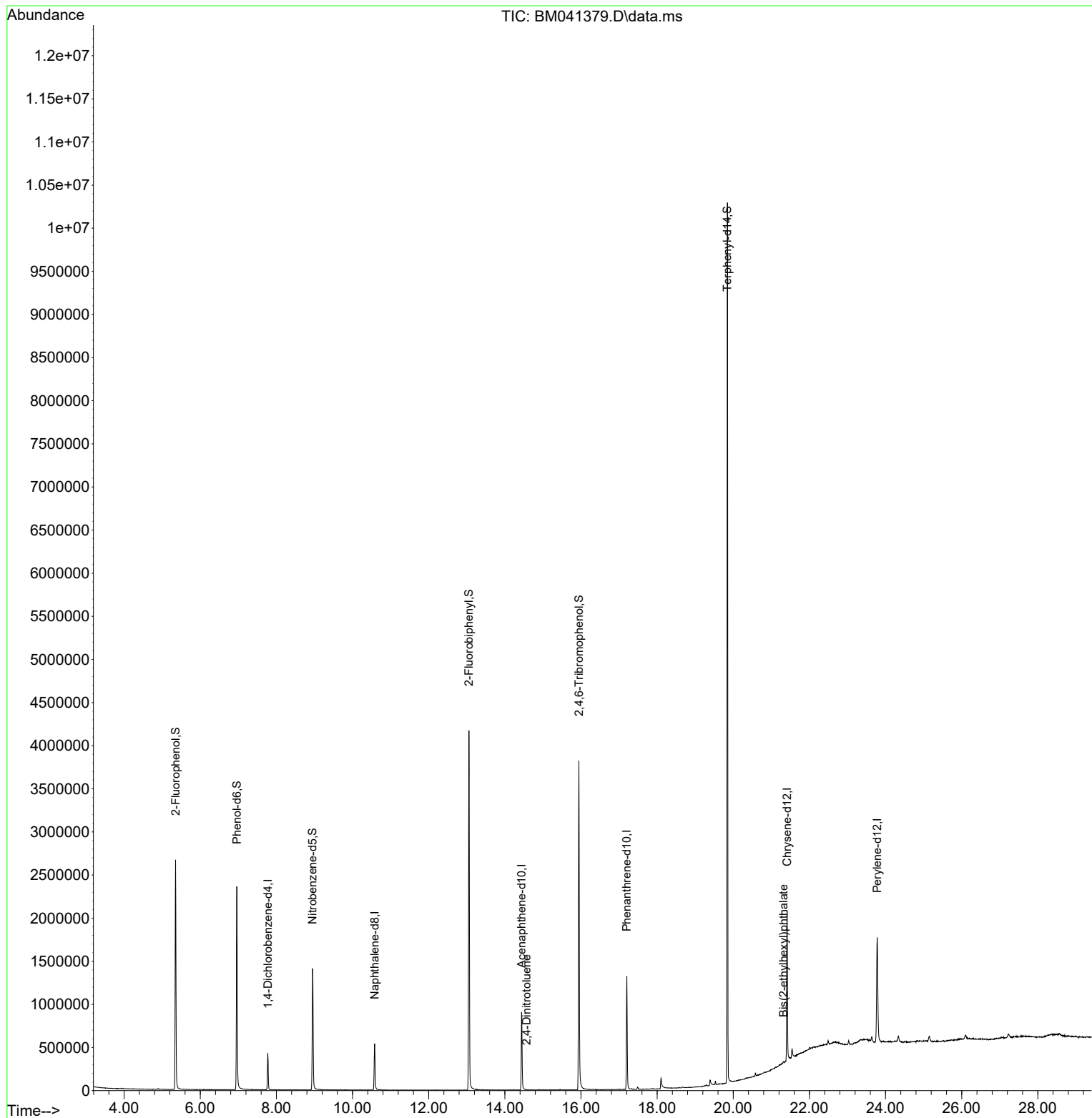
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	111306	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	458793	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	320427	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	789218	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	874711	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1066020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1093128	146.782	ng	0.00
7) Phenol-d6	6.963	99	1377563	142.701	ng	0.00
23) Nitrobenzene-d5	8.951	82	846640	85.818	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	740684	163.424	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2167389	85.447	ng	0.00
79) Terphenyl-d14	19.845	244	4735912	97.893	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.568	165	359	2.718	ng	# 12
84) Bis(2-ethylhexyl)phtha...	21.321	149	5243	2.679	ng	# 93

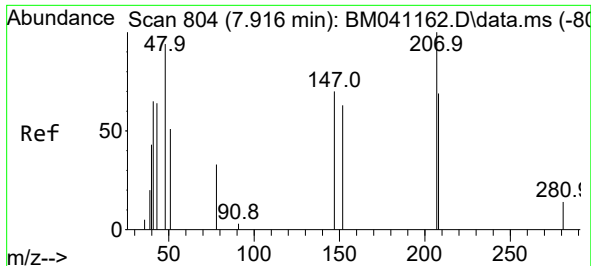
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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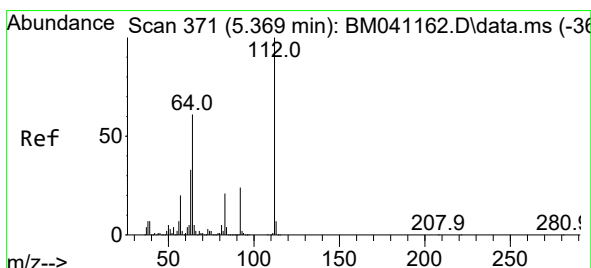
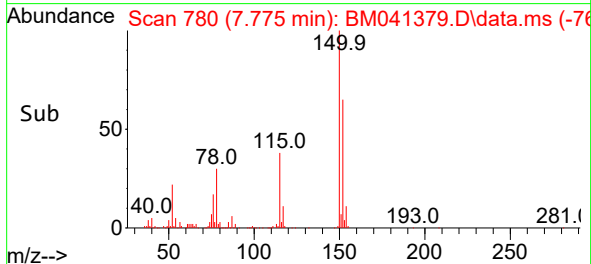
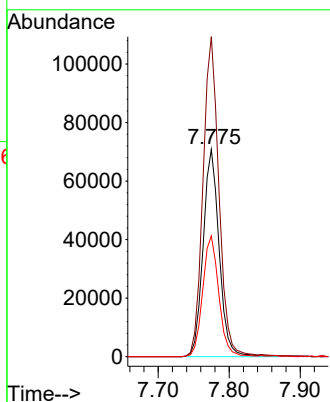
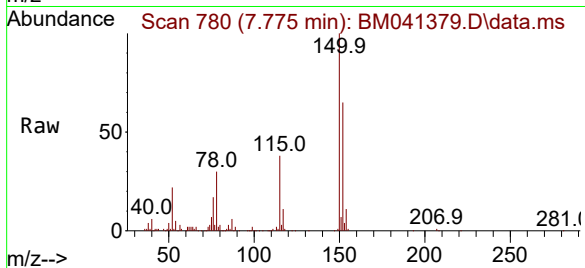




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

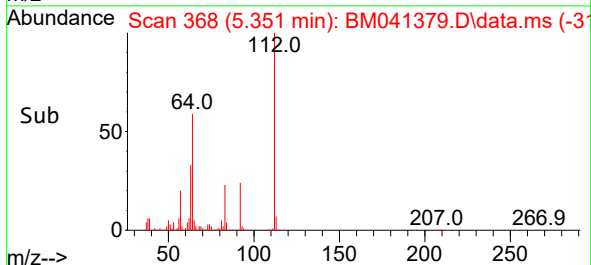
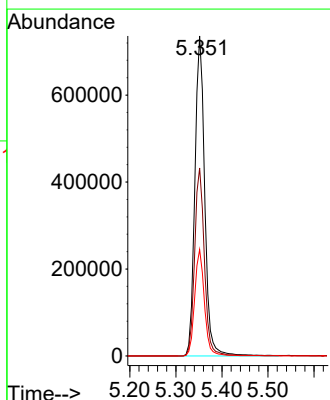
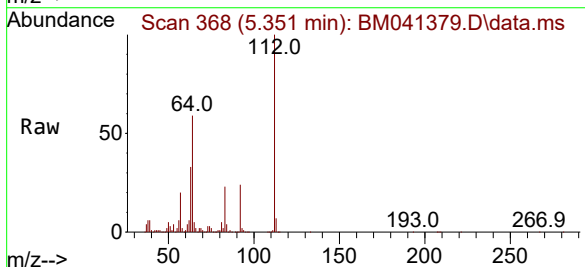
Instrument :
BNA_M
ClientSampleId :
PB154756BL

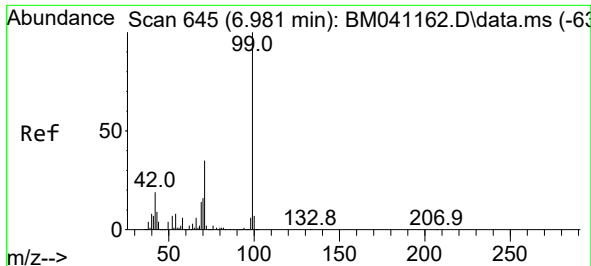
Tgt Ion:152 Resp: 111306
Ion Ratio Lower Upper
152 100
150 154.3 125.5 188.3
115 58.3 48.0 72.0



#5
2-Fluorophenol
Concen: 146.782 ng
RT: 5.351 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

Tgt Ion:112 Resp: 1093128
Ion Ratio Lower Upper
112 100
64 58.7 48.5 72.7
63 33.3 26.5 39.7

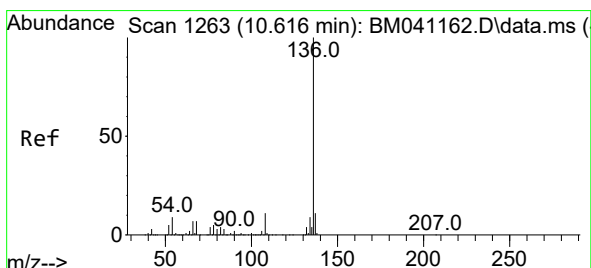
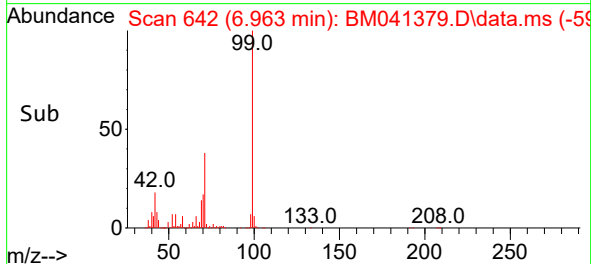
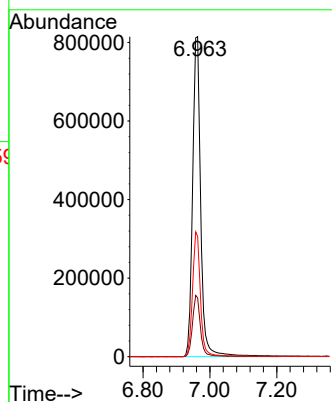
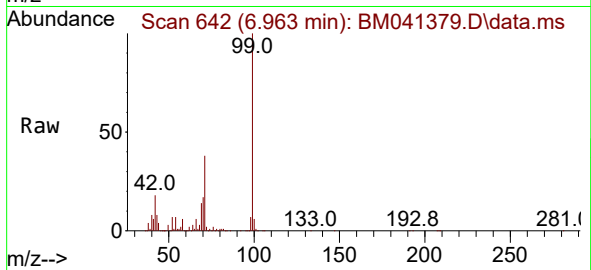




#7
Phenol-d6
Concen: 142.701 ng
RT: 6.963 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

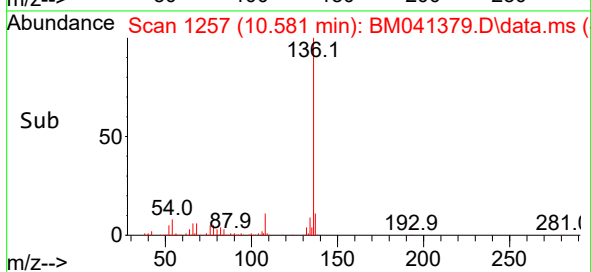
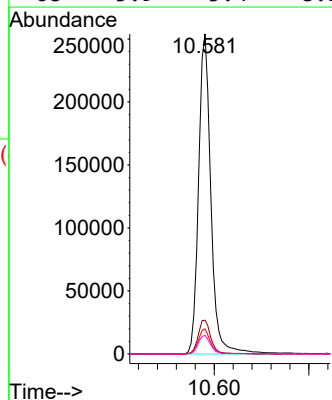
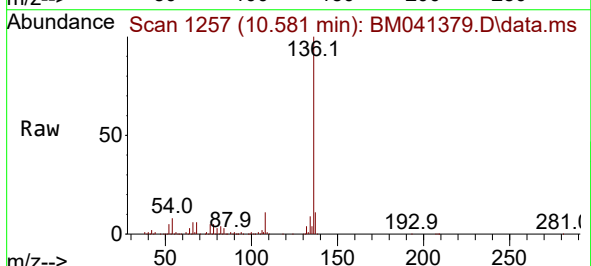
Instrument :
BNA_M
ClientSampleId :
PB154756BL

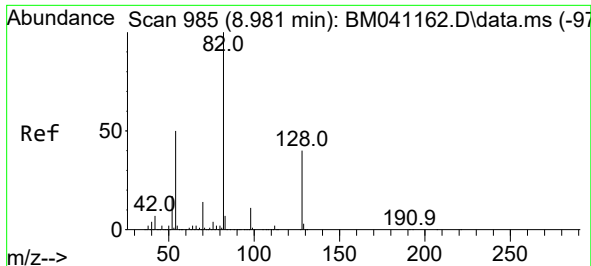
Tgt Ion: 99 Resp: 1377563
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

Tgt Ion: 136 Resp: 458793
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.8 6.9 10.3
68 5.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 85.818 ng

RT: 8.951 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM041379.D

Acq: 11 Aug 2023 10:03

Instrument :

BNA_M

ClientSampleId :

PB154756BL

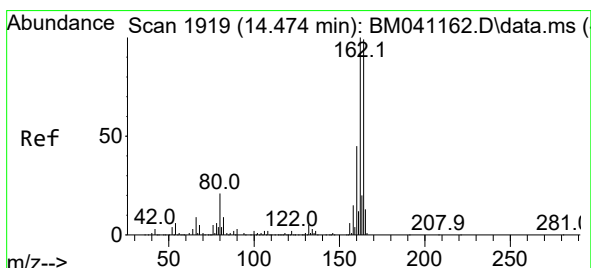
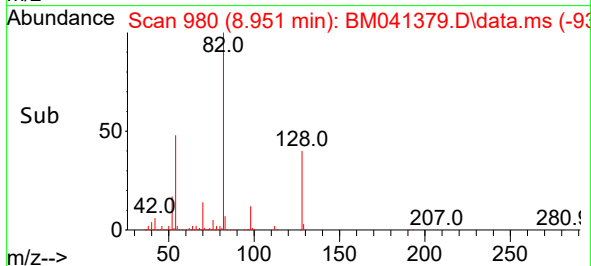
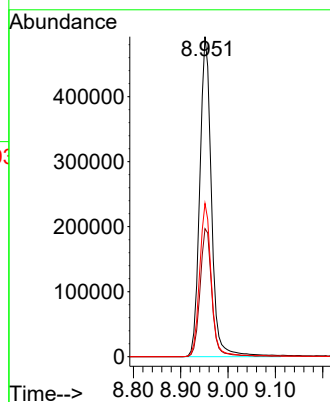
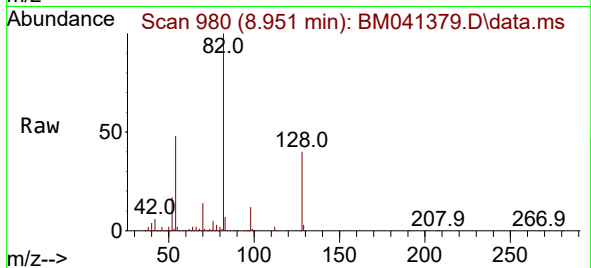
Tgt Ion: 82 Resp: 846640

Ion Ratio Lower Upper

82 100

128 40.0 31.8 47.6

54 47.9 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: BM041379.D

Acq: 11 Aug 2023 10:03

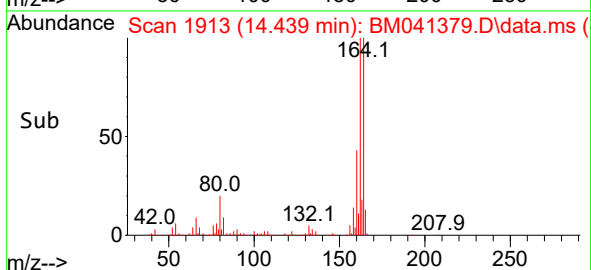
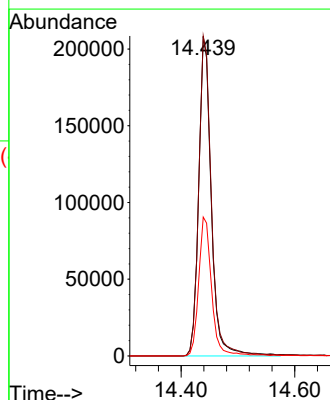
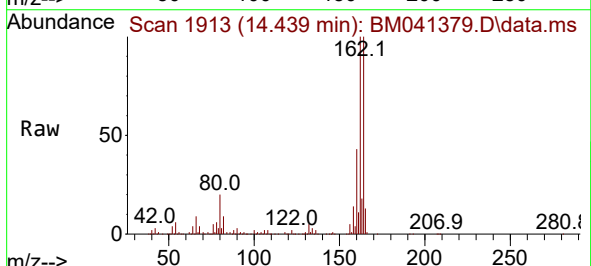
Tgt Ion: 164 Resp: 320427

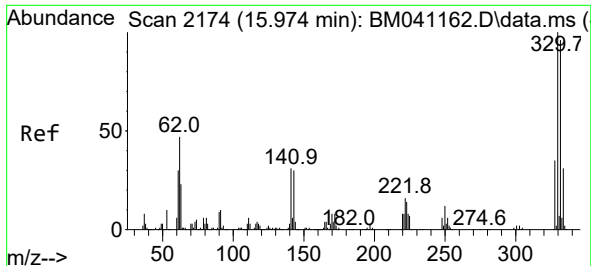
Ion Ratio Lower Upper

164 100

162 100.2 80.4 120.6

160 43.5 36.2 54.2

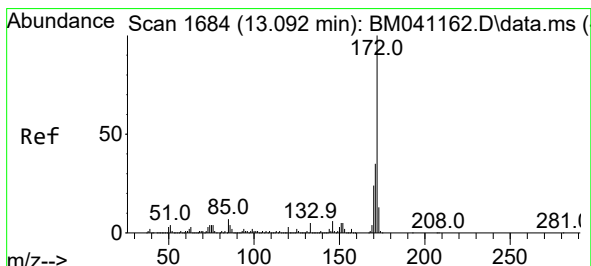
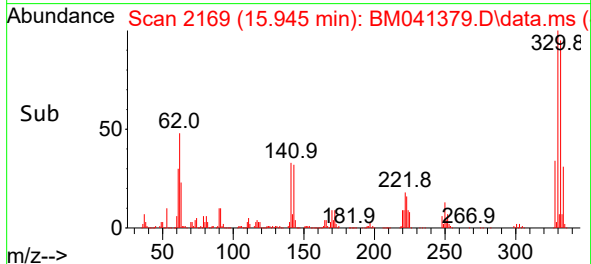
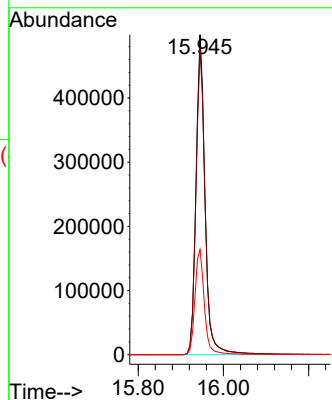
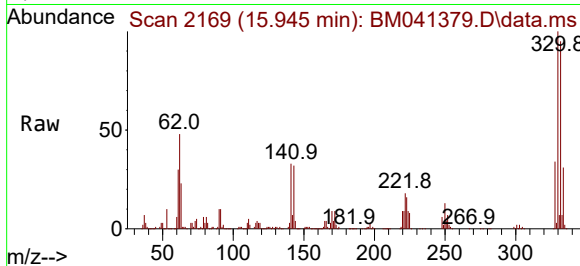




#42
2,4,6-Tribromophenol
Concen: 163.424 ng
RT: 15.945 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

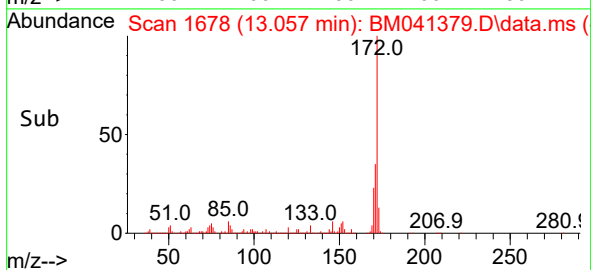
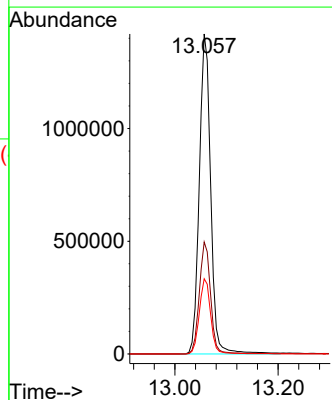
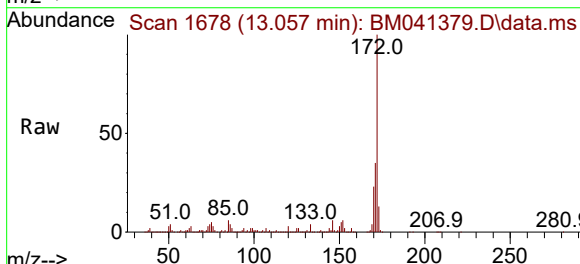
Instrument :
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ClientSampleId :
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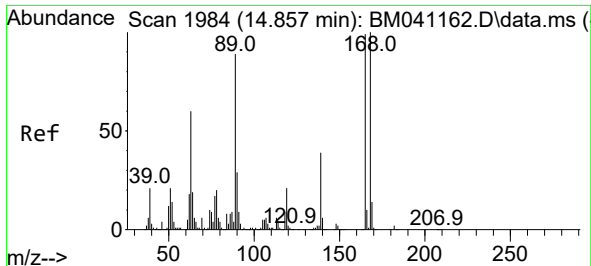
Tgt Ion:330 Resp: 740684
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 34.3 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 85.447 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

Tgt Ion:172 Resp: 2167389
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.9 28.3

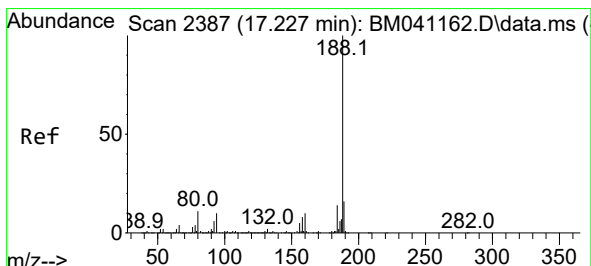
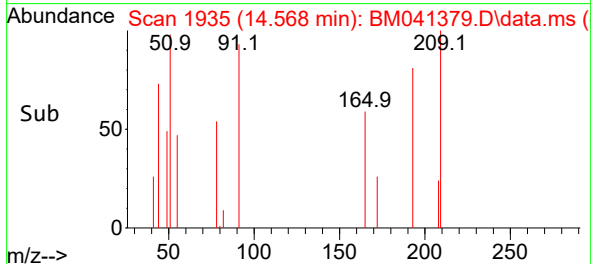
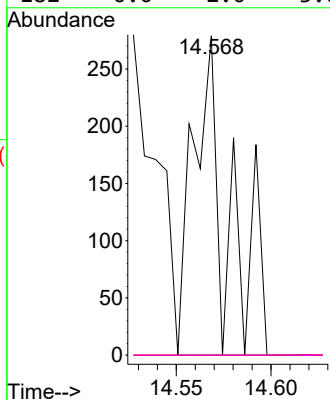
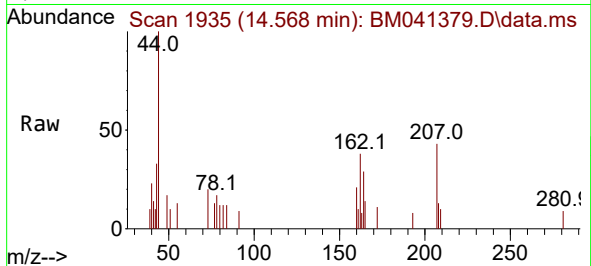




#57
2,4-Dinitrotoluene
Concen: 2.718 ng
RT: 14.568 min Scan# 1984
Delta R.T. -0.277 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

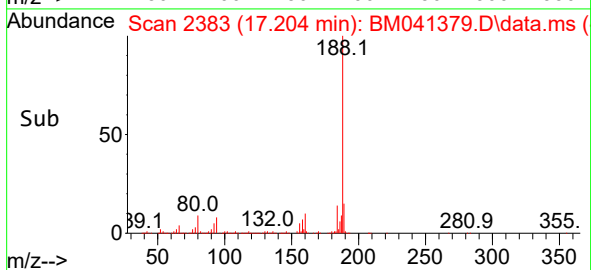
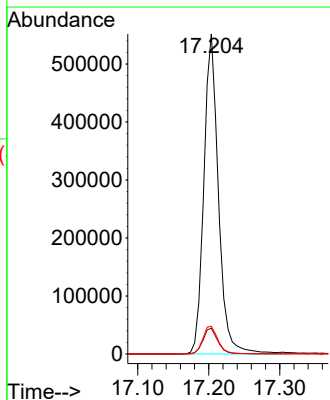
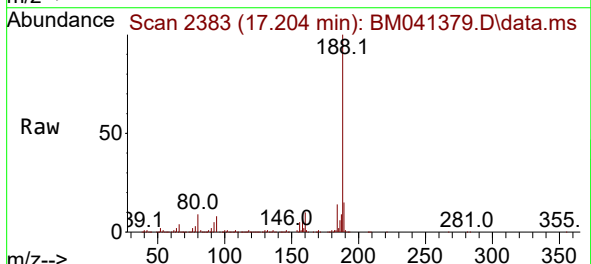
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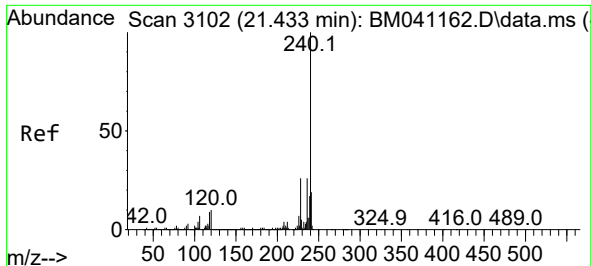
Tgt Ion:165 Resp: 359
Ion Ratio Lower Upper
165 100
63 0.0 48.3 72.5#
89 0.0 71.8 107.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

Tgt Ion:188 Resp: 789218
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 8.7 8.6 13.0

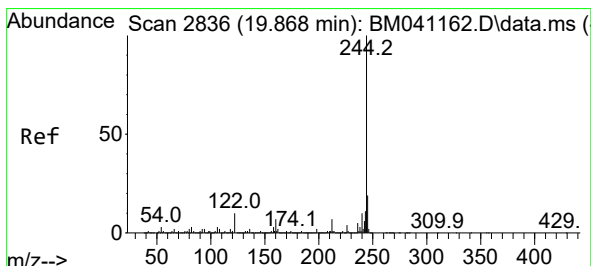
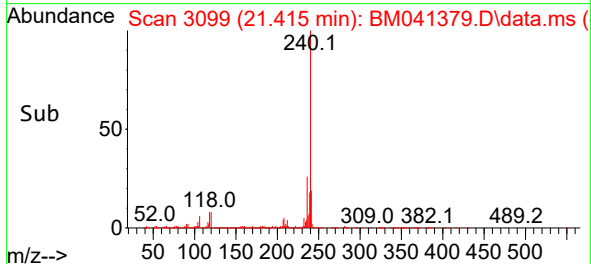
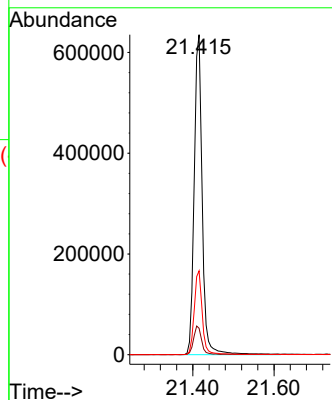
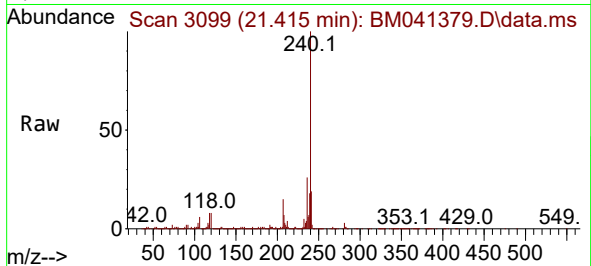




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

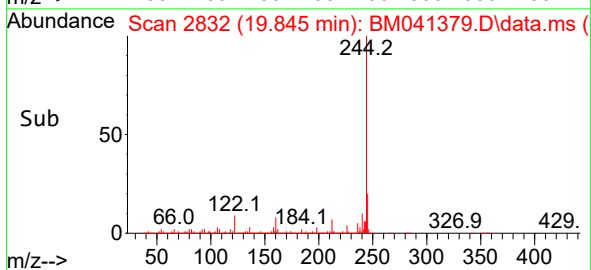
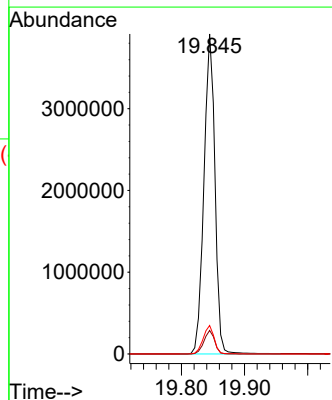
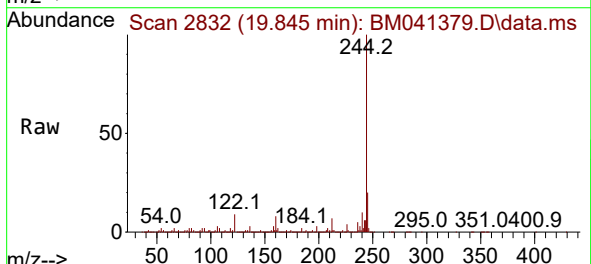
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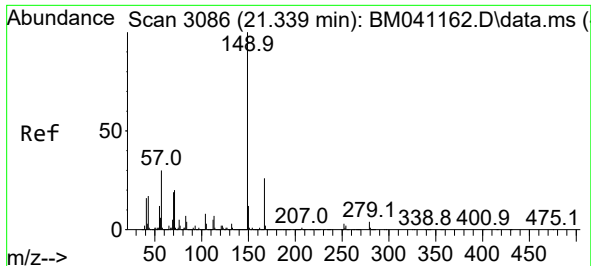
Tgt Ion:240 Resp: 874711
Ion Ratio Lower Upper
240 100
120 8.2 8.3 12.5#
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 97.893 ng
RT: 19.845 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

Tgt Ion:244 Resp: 4735912
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 8.9 7.8 11.6

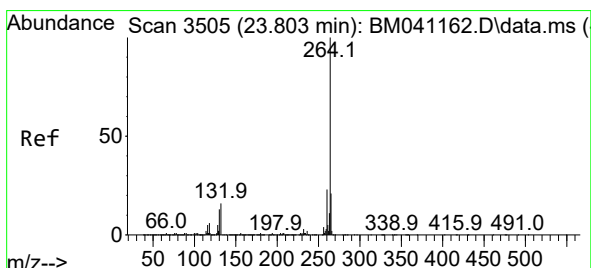
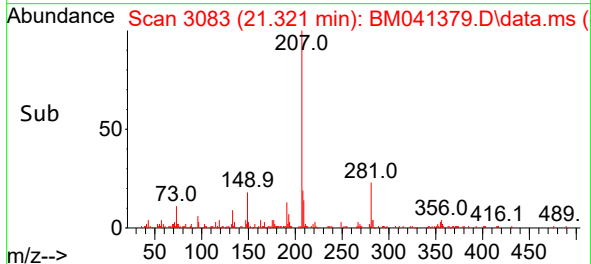
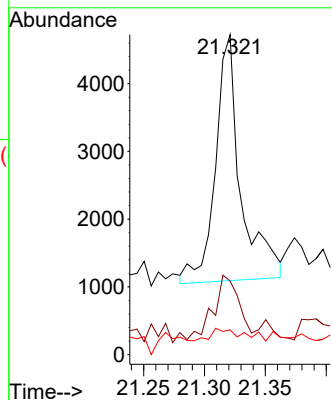
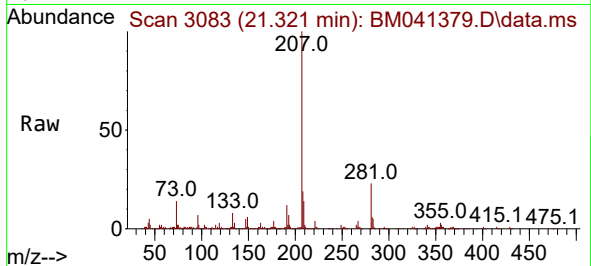




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.679 ng
RT: 21.321 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM041379.D
Acq: 11 Aug 2023 10:03

Instrument :
BNA_M
ClientSampleId :
PB154756BL

Tgt Ion:149 Resp: 5243
Ion Ratio Lower Upper
149 100
167 23.0 21.0 31.6
279 7.8 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: BM041379.D
Acq: 11 Aug 2023 10:03

Tgt Ion:264 Resp: 1066020
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.7 17.4 26.0

