

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040179.D
 Acq On : 09 Jun 2023 04:45
 Operator : MA/JU
 Sample : 03047-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-07

Quant Time: Jun 09 05:27:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

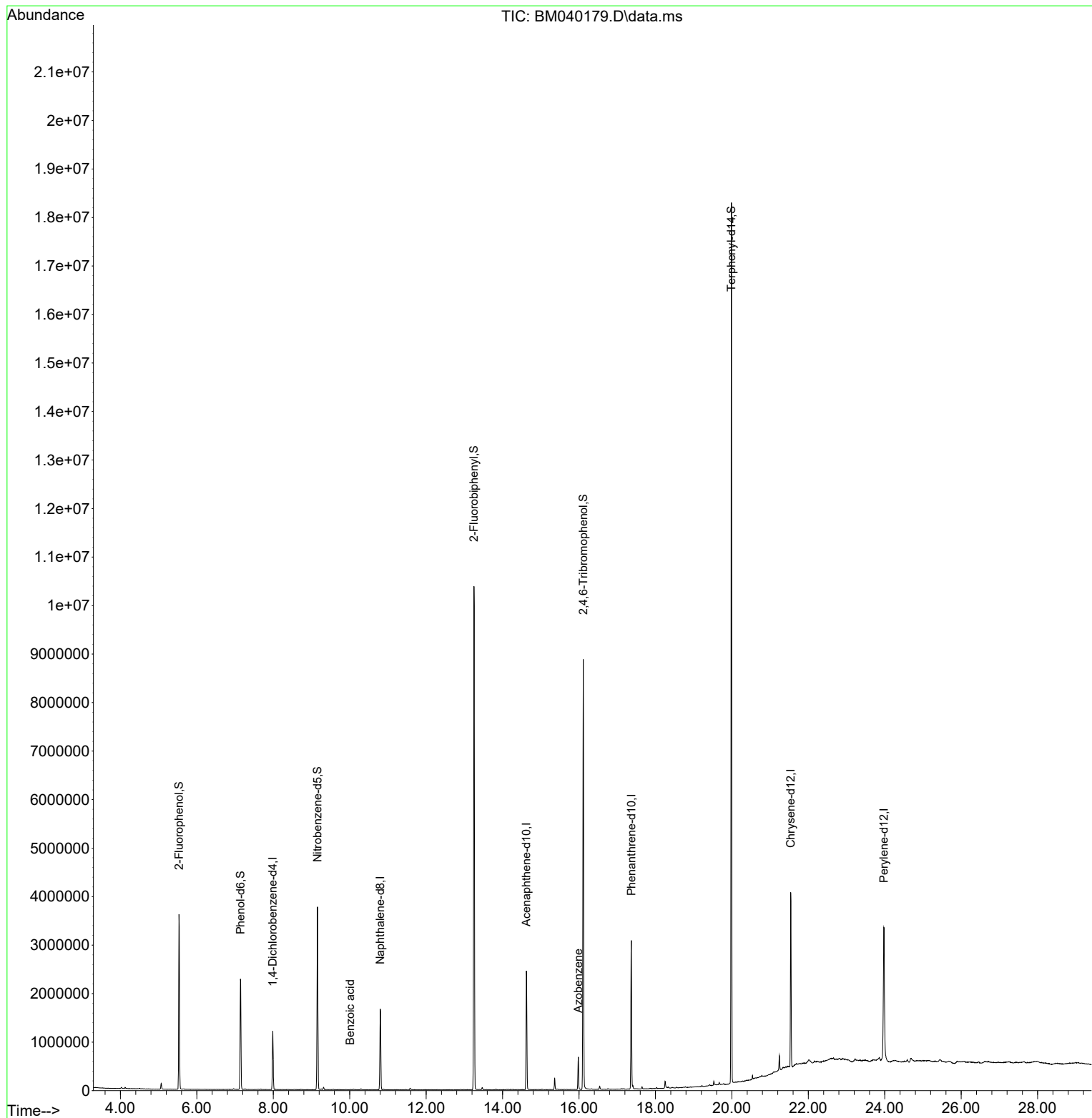
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	330054	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1433532	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	838612	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1771691	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1566480	20.000	ng	-0.01
86) Perylene-d12	23.974	264	1845807	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1666696	75.401	ng	0.00
7) Phenol-d6	7.140	99	1385973	45.951	ng	0.00
23) Nitrobenzene-d5	9.157	82	2123982	80.195	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1759005	139.411	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	5353440	84.374	ng	0.00
79) Terphenyl-d14	19.986	244	8024114	94.426	ng	0.00
Target Compounds						
32) Benzoic acid	10.010	122	2824	7.663	ng	Qvalue 94
63) Azobenzene	15.980	77	180360	2.795	ng	# 1

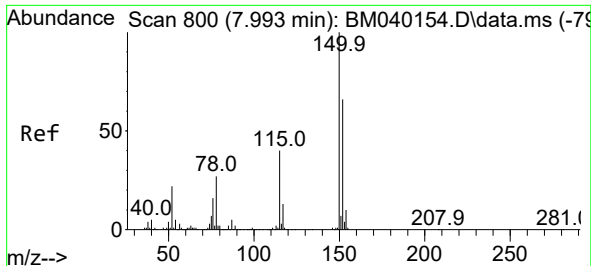
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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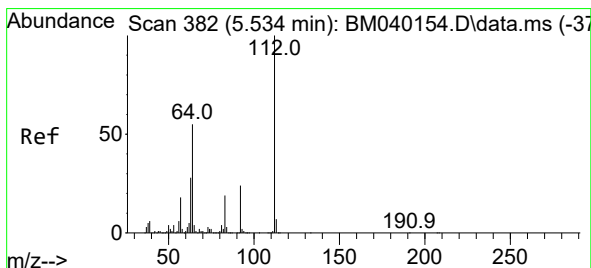
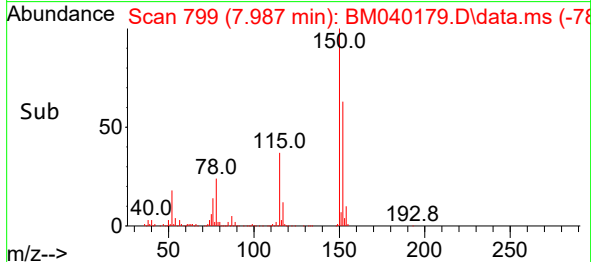
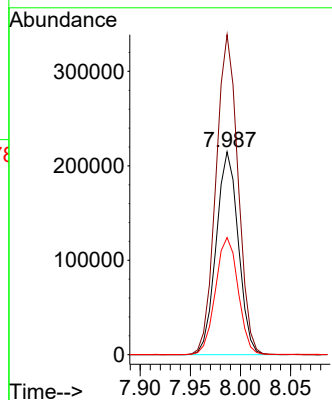
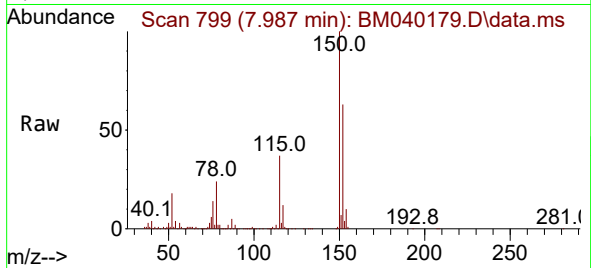




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

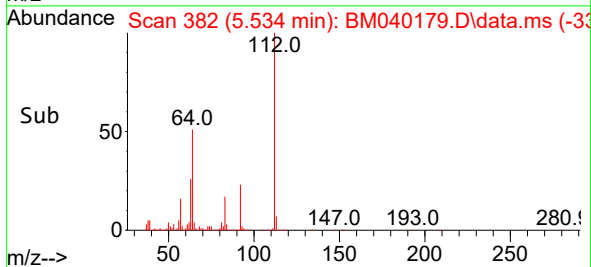
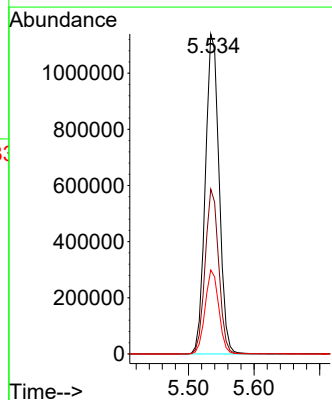
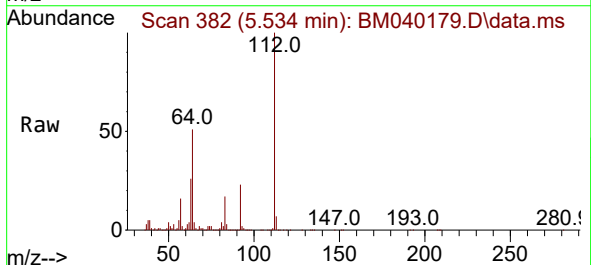
Instrument :
BNA_M
ClientSampleId :
TWP-07

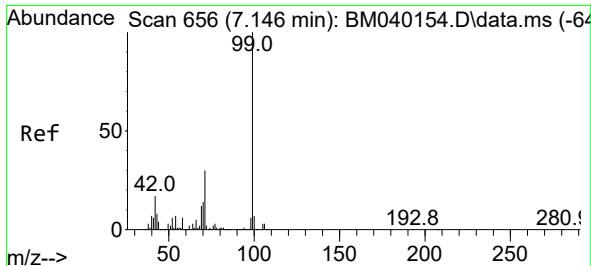
Tgt Ion:152 Resp: 330054
Ion Ratio Lower Upper
152 100
150 157.7 121.4 182.0
115 57.7 48.2 72.4



#5
2-Fluorophenol
Concen: 75.401 ng
RT: 5.534 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

Tgt Ion:112 Resp: 1666696
Ion Ratio Lower Upper
112 100
64 51.5 43.8 65.6
63 26.3 22.8 34.2

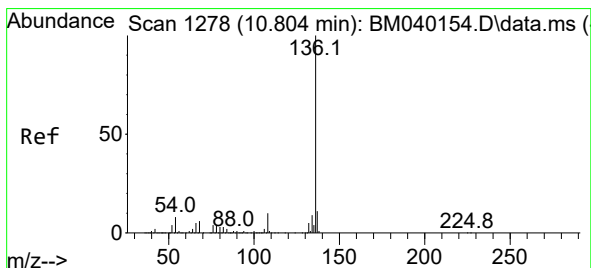
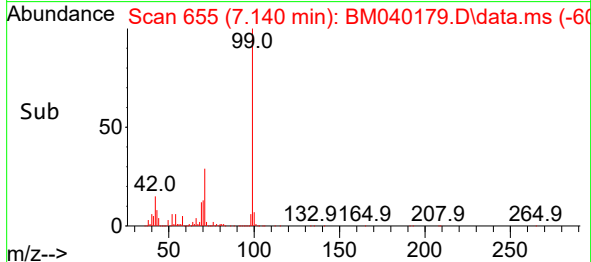
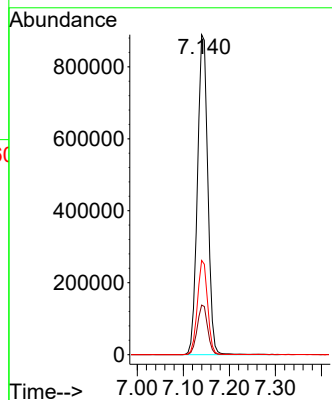
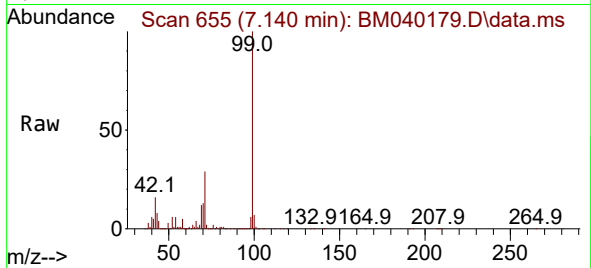




#7
Phenol-d6
Concen: 45.951 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

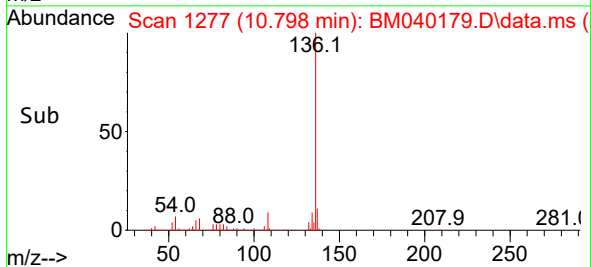
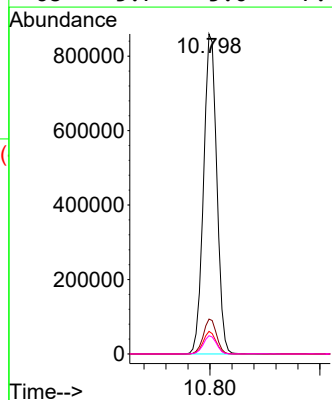
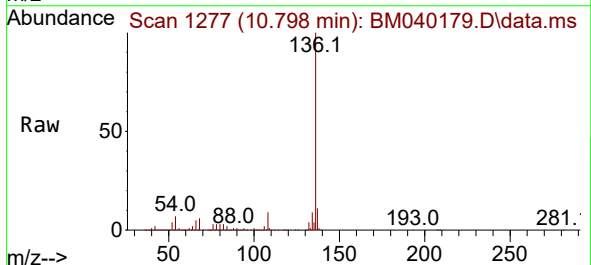
Instrument :
BNA_M
ClientSampleId :
TWP-07

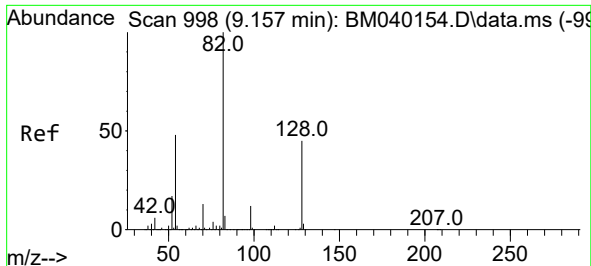
Tgt Ion: 99 Resp: 1385973
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.2
71 29.4 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

Tgt Ion: 136 Resp: 1433532
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 6.2 9.4
68 5.7 5.0 7.4

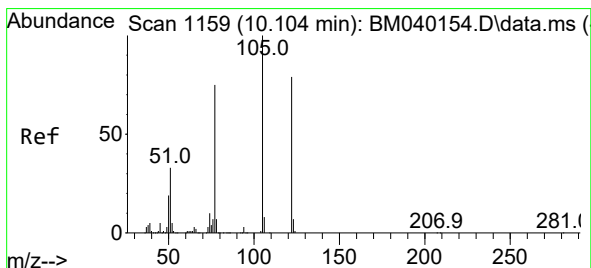
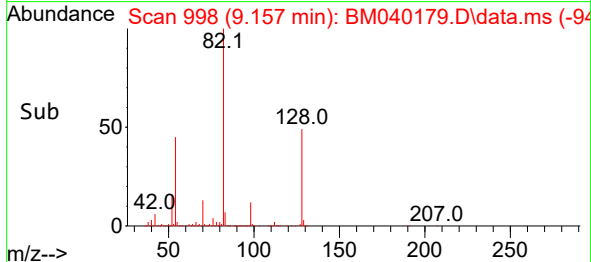
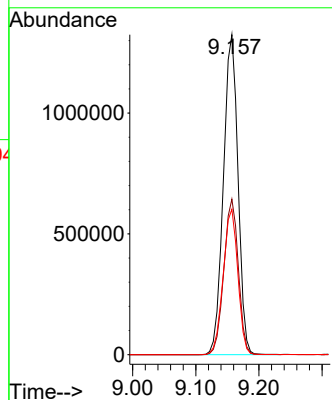
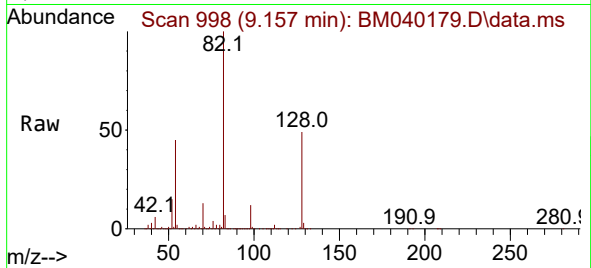




#23
Nitrobenzene-d5
Concen: 80.195 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

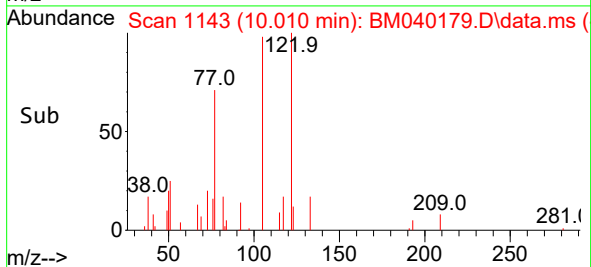
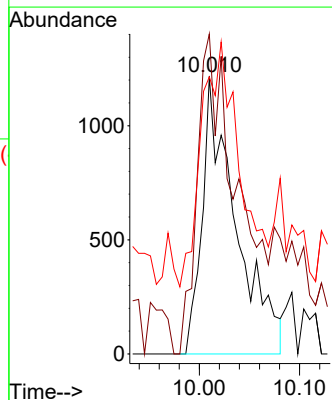
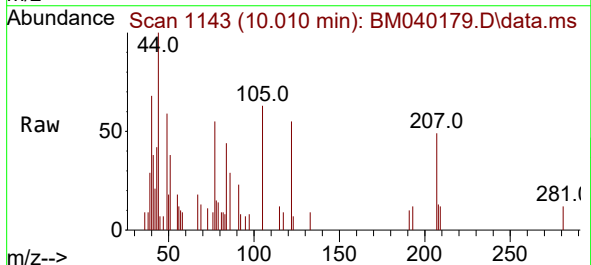
Instrument :
BNA_M
ClientSampleId :
TWP-07

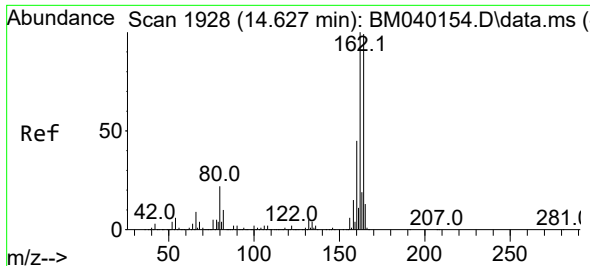
Tgt Ion: 82 Resp: 2123982
Ion Ratio Lower Upper
82 100
128 48.6 36.0 54.0
54 45.5 38.5 57.7



#32
Benzoic acid
Concen: 7.663 ng
RT: 10.010 min Scan# 1143
Delta R.T. -0.094 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

Tgt Ion:122 Resp: 2824
Ion Ratio Lower Upper
122 100
105 115.3 102.7 142.7
77 99.8 73.9 113.9

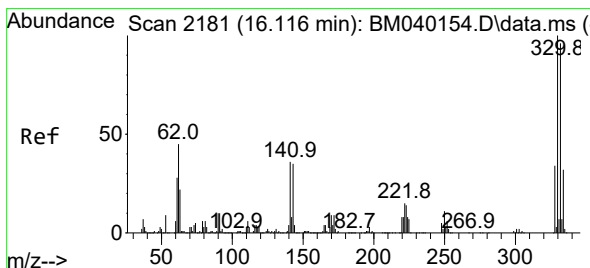
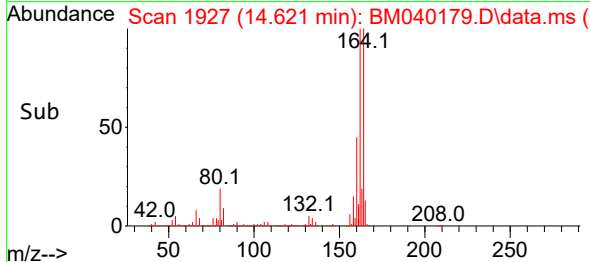
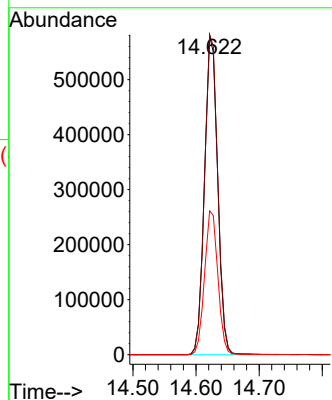
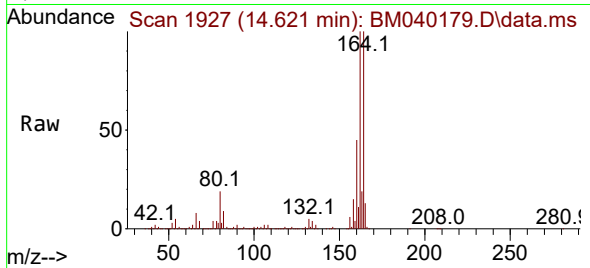




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

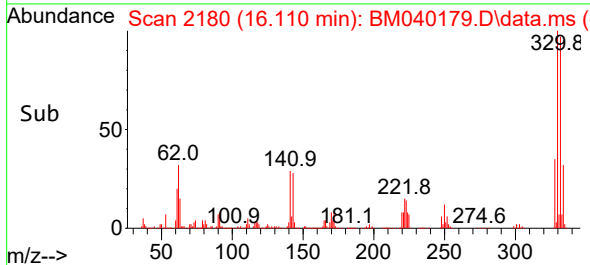
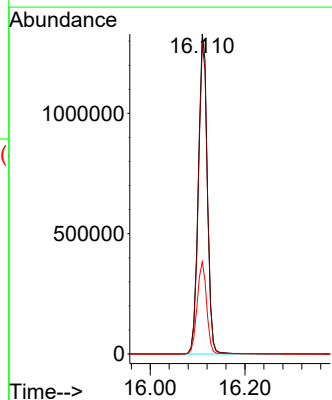
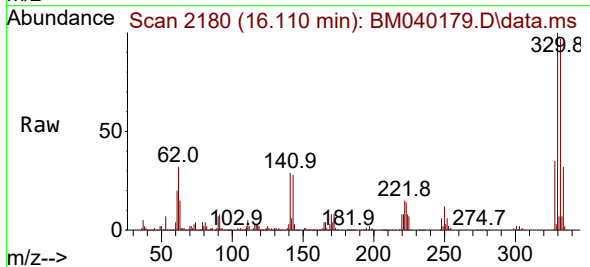
Instrument :
BNA_M
ClientSampleId :
TWP-07

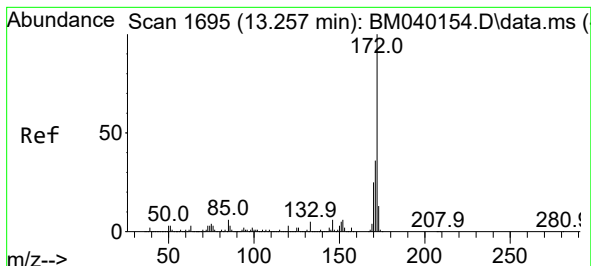
Tgt Ion:164 Resp: 838612
Ion Ratio Lower Upper
164 100
162 100.3 80.4 120.6
160 45.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 139.411 ng
RT: 16.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

Tgt Ion:330 Resp: 1759005
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 30.3 31.6 47.4#





#45

2-Fluorobiphenyl

Concen: 84.374 ng

RT: 13.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040179.D

Acq: 09 Jun 2023 04:45

Instrument :

BNA_M

ClientSampleId :

TWP-07

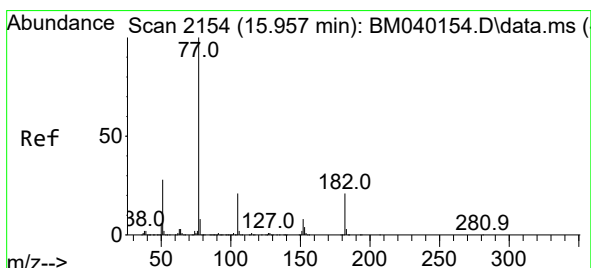
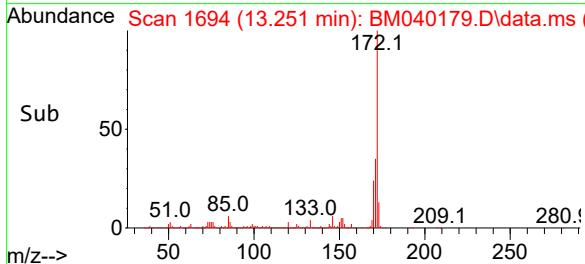
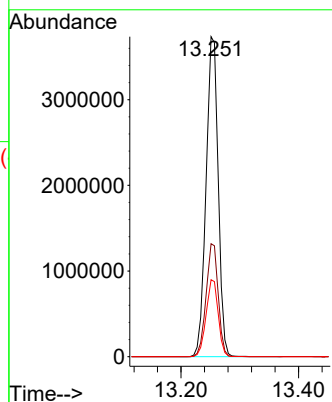
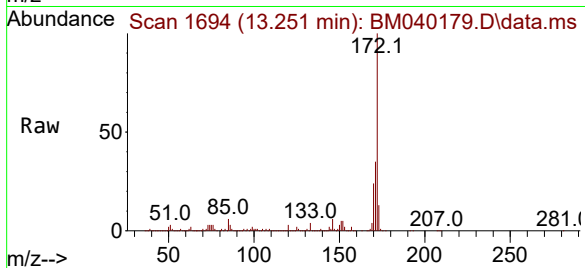
Tgt Ion:172 Resp: 5353440

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.1 19.8 29.6



#63

Azobenzene

Concen: 2.795 ng

RT: 15.980 min Scan# 2158

Delta R.T. 0.024 min

Lab File: BM040179.D

Acq: 09 Jun 2023 04:45

Tgt Ion: 77 Resp: 180360

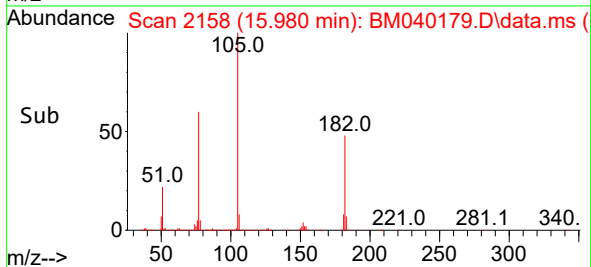
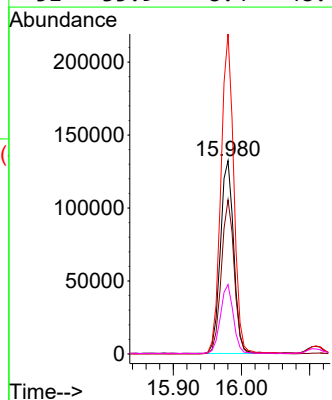
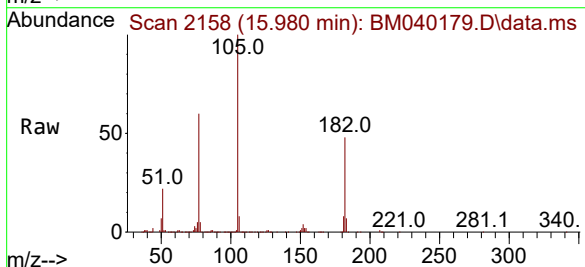
Ion Ratio Lower Upper

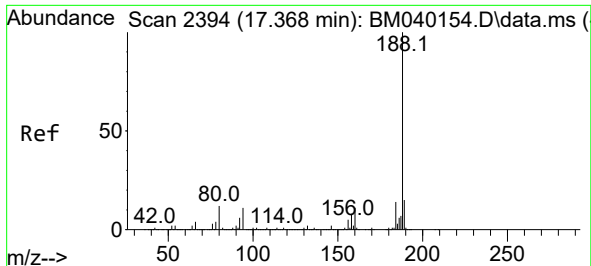
77 100

182 79.9 1.1 41.1#

105 165.6 1.1 41.1#

51 35.9 8.4 48.4

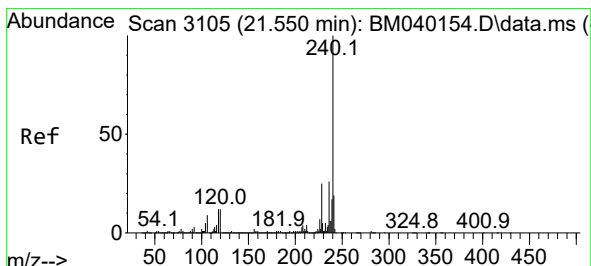
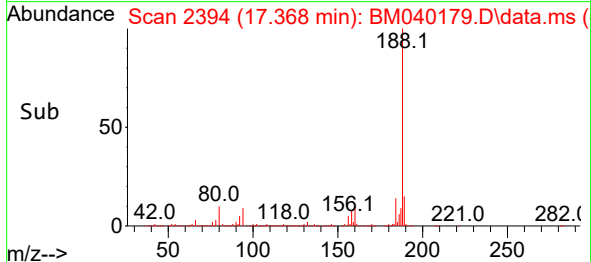
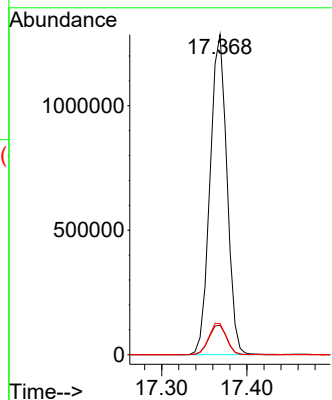
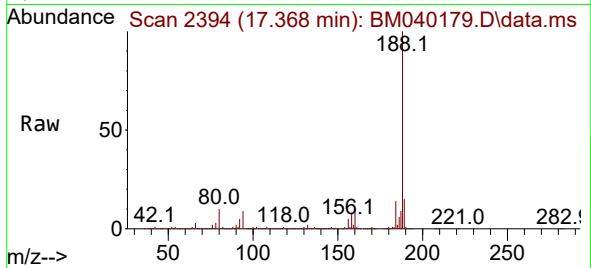




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

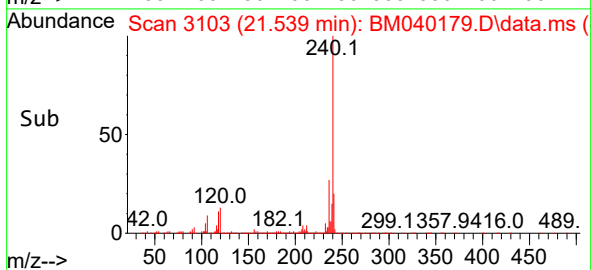
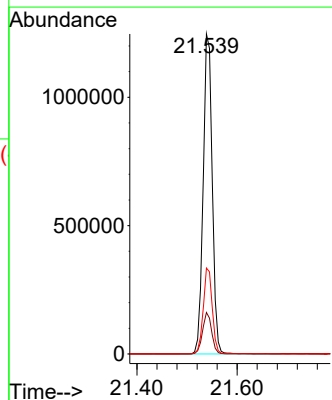
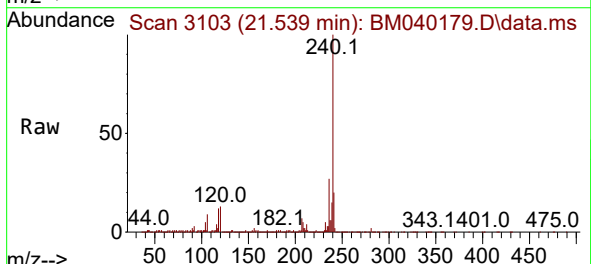
Instrument :
BNA_M
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TWP-07

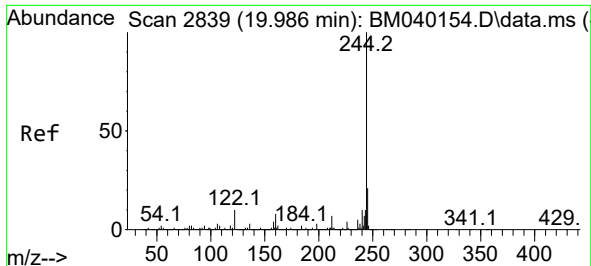
Tgt Ion:188 Resp: 1771691
Ion Ratio Lower Upper
188 100
94 9.2 8.9 13.3
80 9.7 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BM040179.D
Acq: 09 Jun 2023 04:45

Tgt Ion:240 Resp: 1566480
Ion Ratio Lower Upper
240 100
120 13.0 9.9 14.9
236 26.8 21.1 31.7

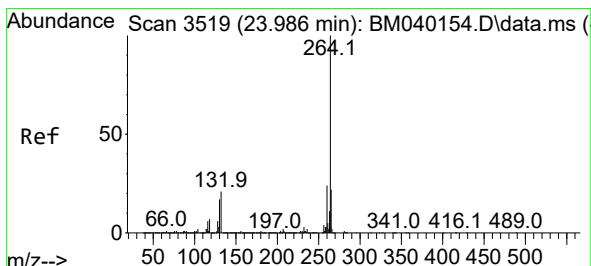
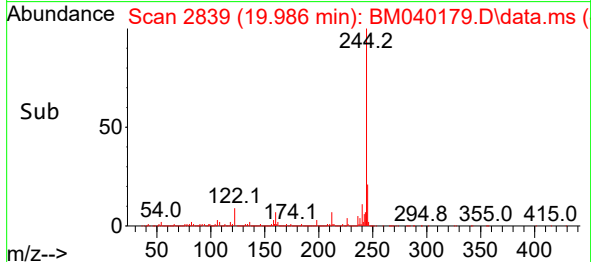
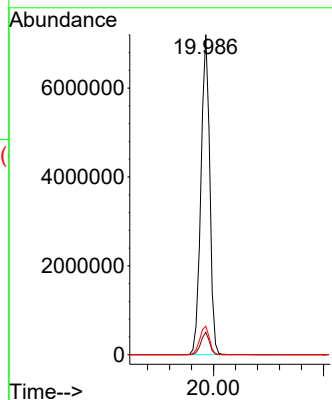
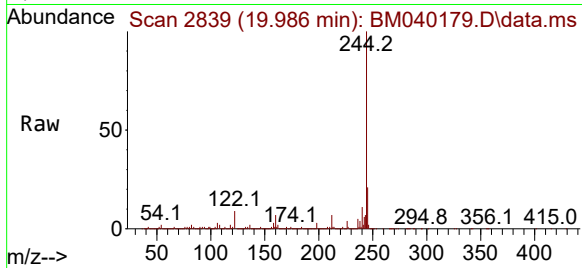




#79
 Terphenyl-d14
 Concen: 94.426 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM040179.D
 Acq: 09 Jun 2023 04:45

Instrument :
 BNA_M
 ClientSampleId :
 TWP-07

Tgt Ion:244 Resp: 8024114
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.974 min Scan# 3517
 Delta R.T. -0.012 min
 Lab File: BM040179.D
 Acq: 09 Jun 2023 04:45

Tgt Ion:264 Resp: 1845807
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.1 17.7 26.5

