

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038793.D
 Acq On : 20 Feb 2023 18:57
 Operator : CG/JU
 Sample : 01593-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26-SB03

Quant Time: Feb 21 02:09:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

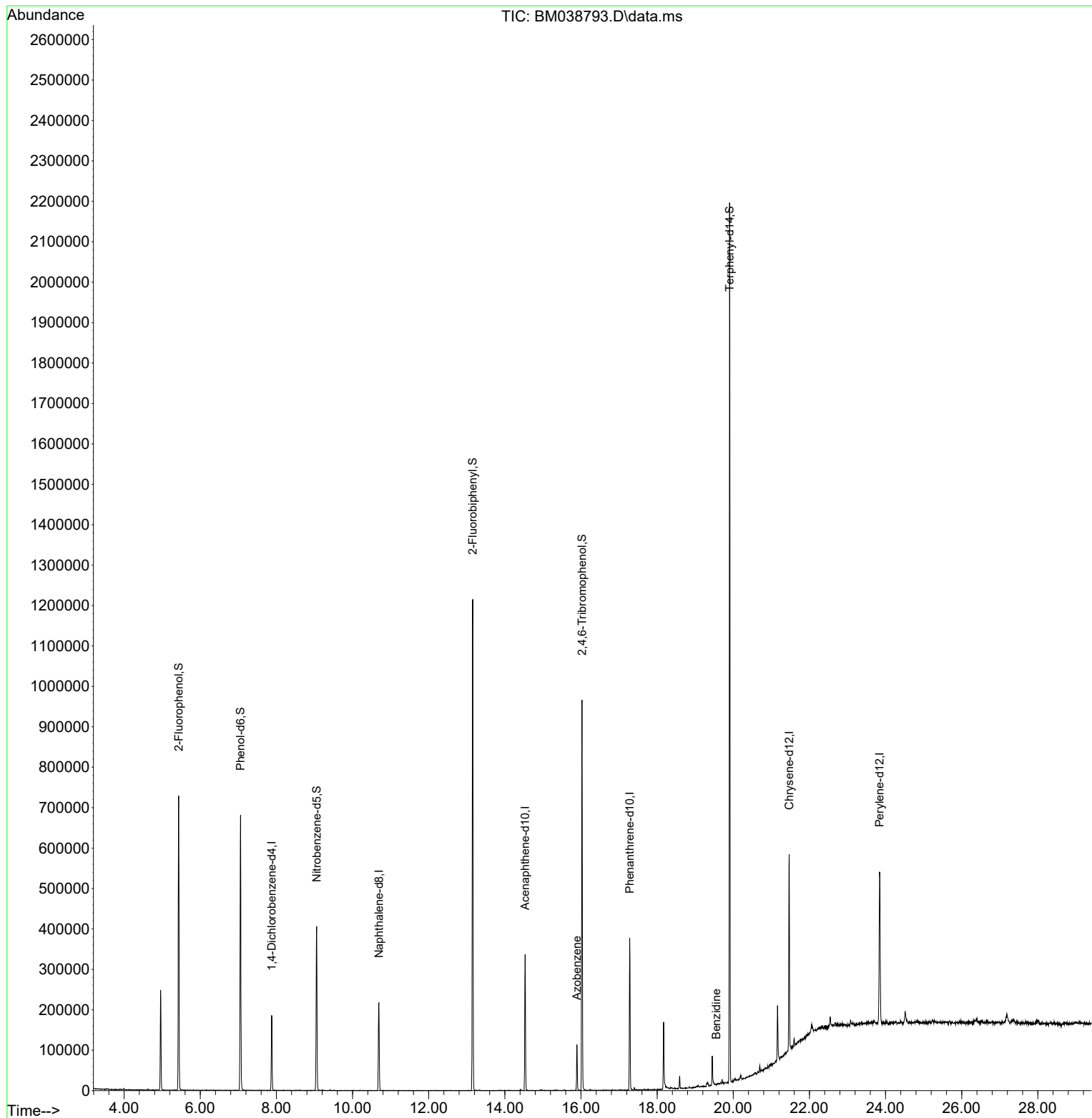
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	50216	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	181211	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	108025	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	205100	20.000	ng	# 0.00
76) Chrysene-d12	21.468	240	197293	20.000	ng	0.00
86) Perylene-d12	23.844	264	258055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	326375	127.318	ng	0.00
7) Phenol-d6	7.057	99	379547	129.817	ng	0.00
23) Nitrobenzene-d5	9.057	82	218180	68.388	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	161482	109.979	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	586916	69.169	ng	0.00
79) Terphenyl-d14	19.903	244	844831	75.565	ng	0.00
Target Compounds						
63) Azobenzene	15.892	77	31008	4.826	ng	# 1
77) Benzidine	19.556	184	65	3.124	ng	# 68

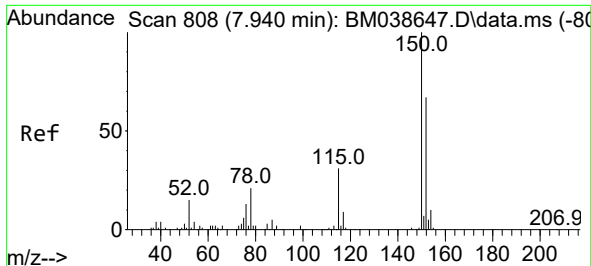
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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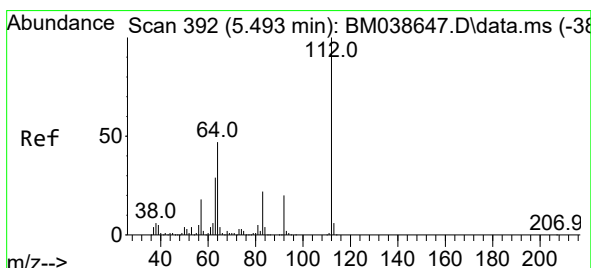
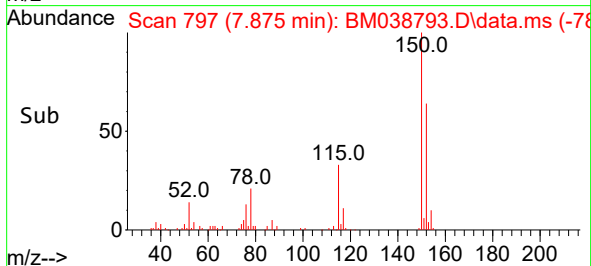
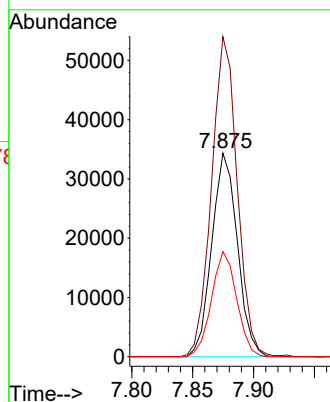
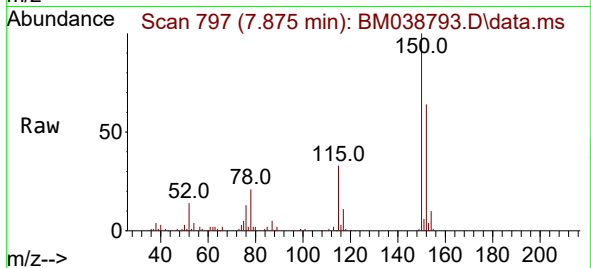




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM038793.D
Acq: 20 Feb 2023 18:57

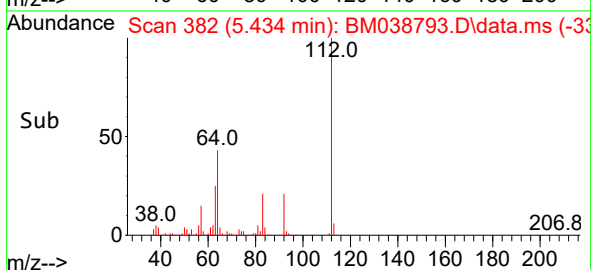
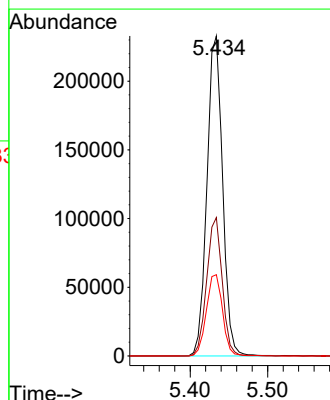
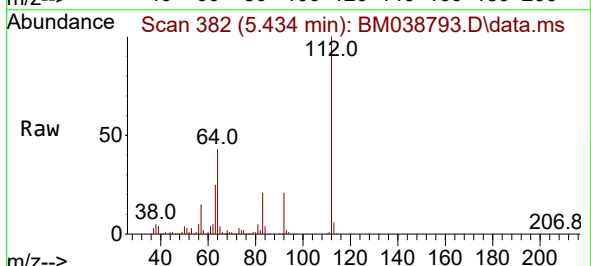
Instrument :
BNA_M
ClientSampleId :
B-26-SB03

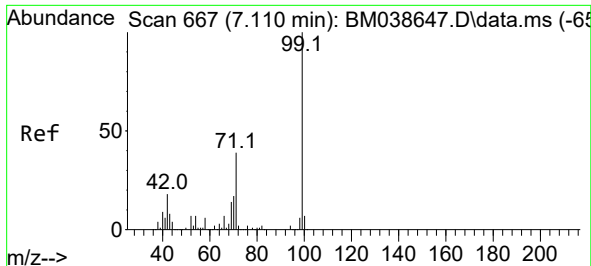
Tgt Ion:152 Resp: 50216
Ion Ratio Lower Upper
152 100
150 157.3 119.5 179.3
115 51.7 37.6 56.4



#5
2-Fluorophenol
Concen: 127.318 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM038793.D
Acq: 20 Feb 2023 18:57

Tgt Ion:112 Resp: 326375
Ion Ratio Lower Upper
112 100
64 43.3 37.9 56.9
63 25.4 23.3 34.9

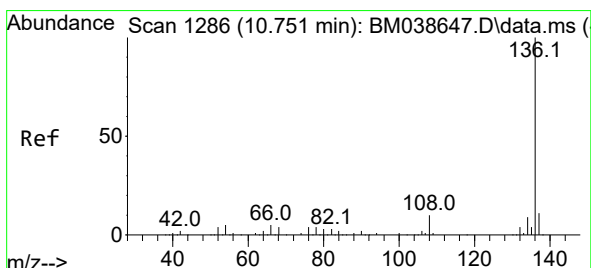
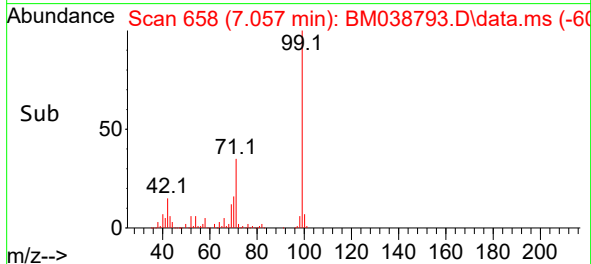
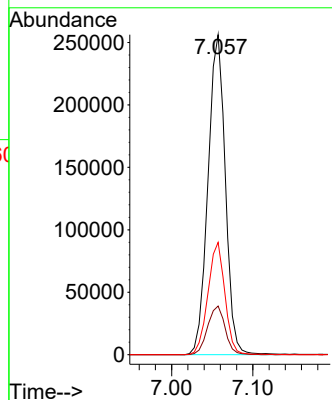
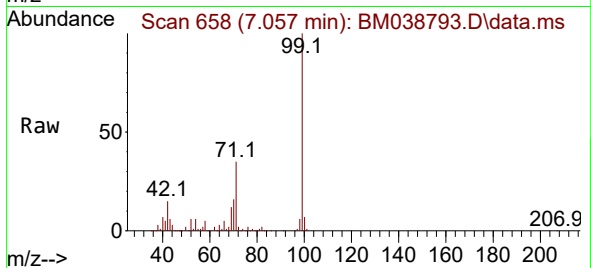




#7
Phenol-d6
Concen: 129.817 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038793.D
Acq: 20 Feb 2023 18:57

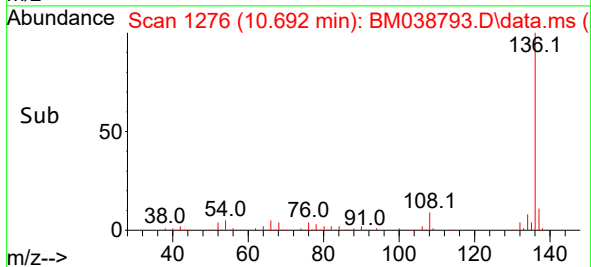
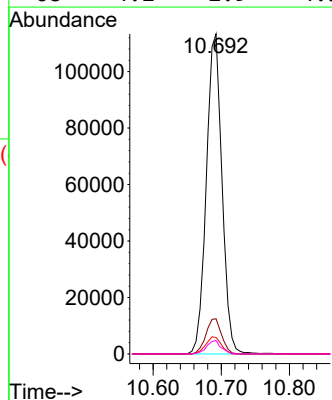
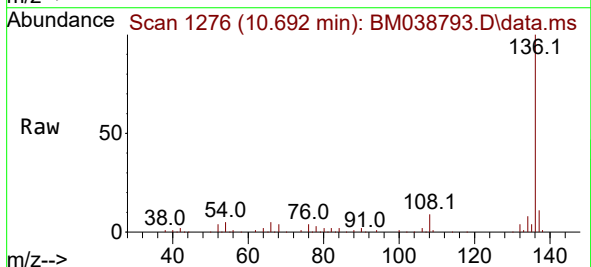
Instrument :
BNA_M
ClientSampleId :
B-26-SB03

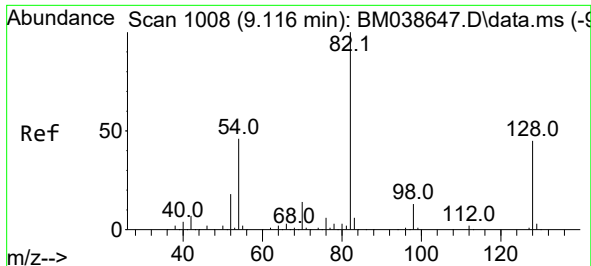
Tgt Ion: 99 Resp: 379547
Ion Ratio Lower Upper
99 100
42 15.2 14.6 22.0
71 35.1 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BM038793.D
Acq: 20 Feb 2023 18:57

Tgt Ion: 136 Resp: 181211
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.1 4.2 6.4
68 4.2 2.9 4.3

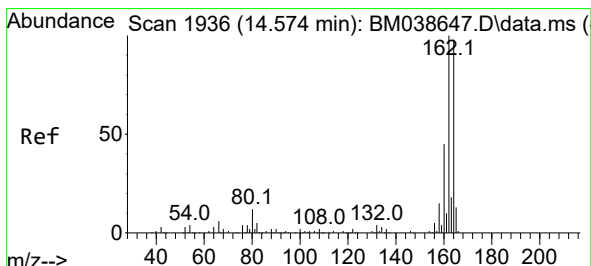
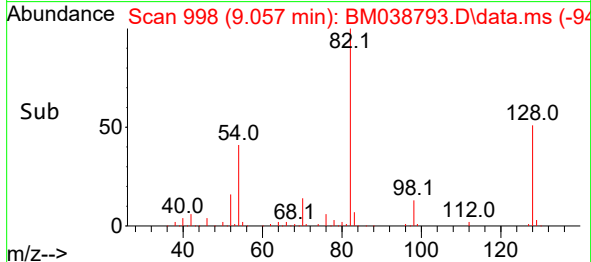
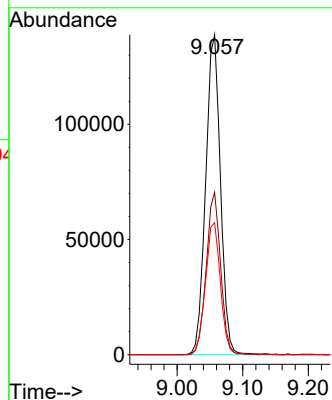
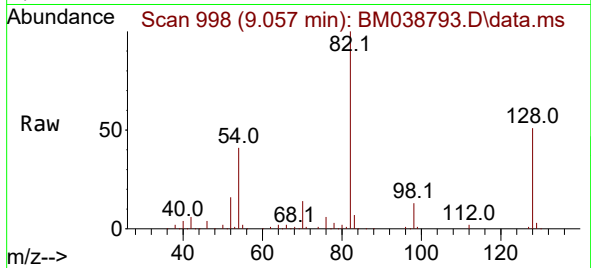




#23
Nitrobenzene-d5
Concen: 68.388 ng
RT: 9.057 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038793.D
Acq: 20 Feb 2023 18:57

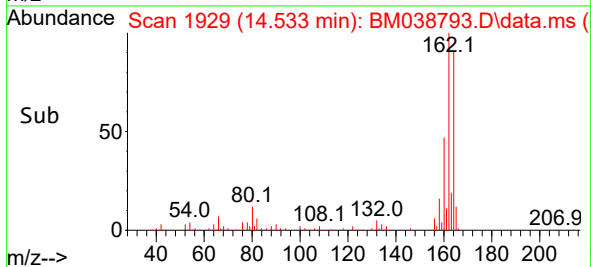
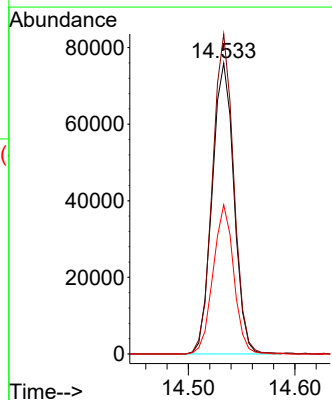
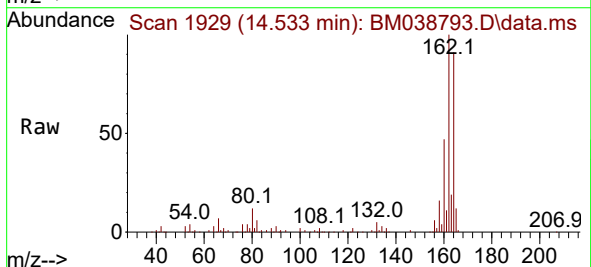
Instrument :
BNA_M
ClientSampleId :
B-26-SB03

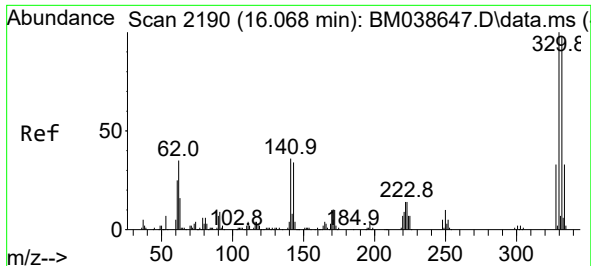
Tgt Ion: 82 Resp: 218180
Ion Ratio Lower Upper
82 100
128 50.8 36.0 54.0
54 41.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM038793.D
Acq: 20 Feb 2023 18:57

Tgt Ion:164 Resp: 108025
Ion Ratio Lower Upper
164 100
162 110.0 81.4 122.0
160 51.2 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 109.979 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038793.D

Acq: 20 Feb 2023 18:57

Instrument :

BNA_M

ClientSampleId :

B-26-SB03

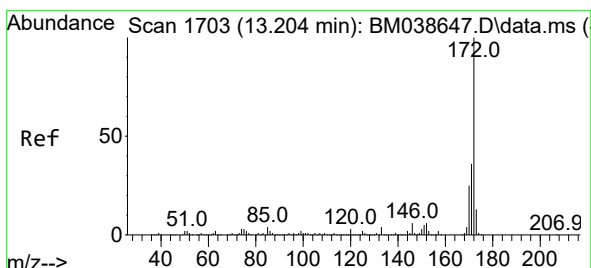
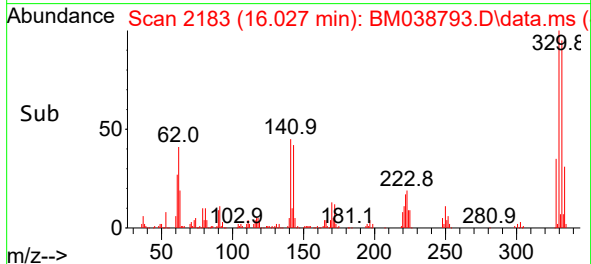
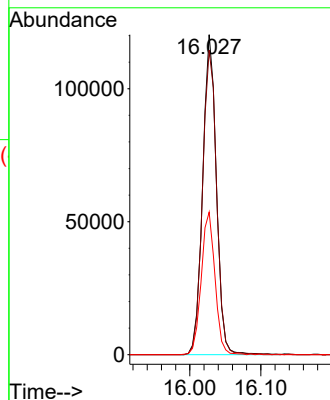
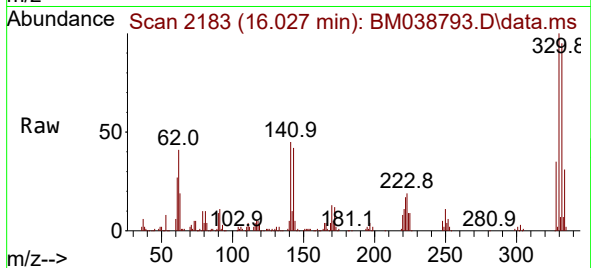
Tgt Ion:330 Resp: 161482

Ion Ratio Lower Upper

330 100

332 98.0 77.8 116.6

141 44.7 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 69.169 ng

RT: 13.157 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BM038793.D

Acq: 20 Feb 2023 18:57

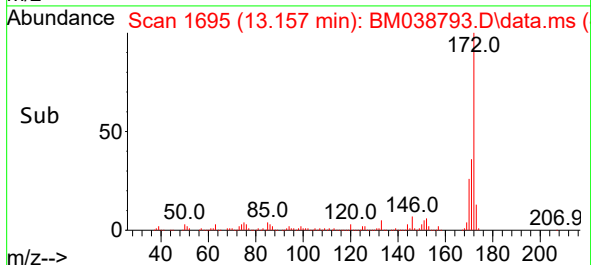
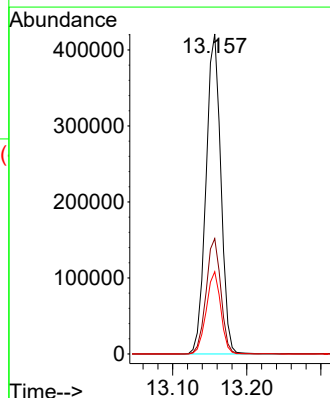
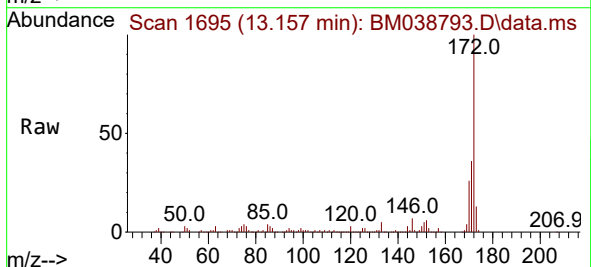
Tgt Ion:172 Resp: 586916

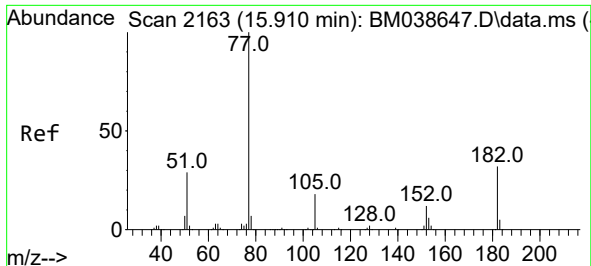
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 25.7 20.0 30.0

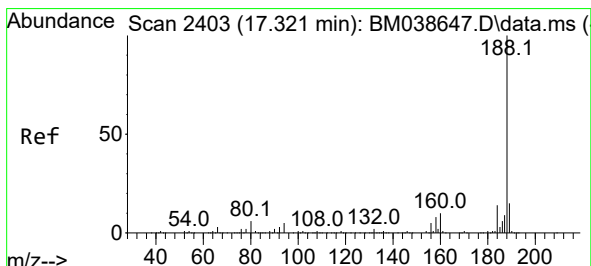
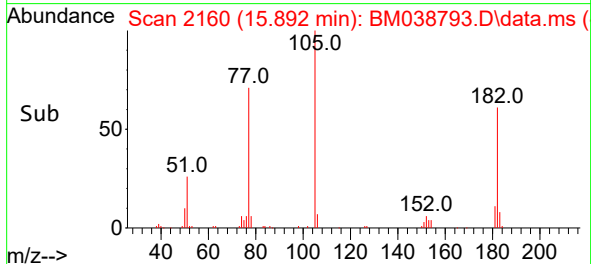
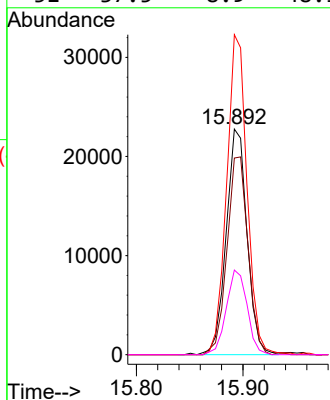
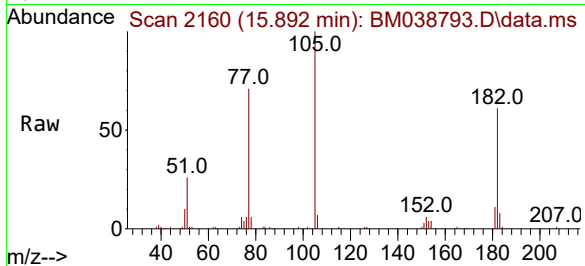




#63
Azobenzene
Concen: 4.826 ng
RT: 15.892 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BM038793.D
Acq: 20 Feb 2023 18:57

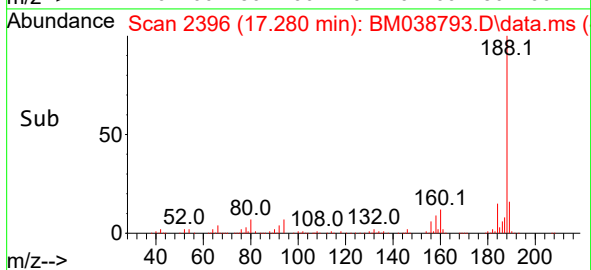
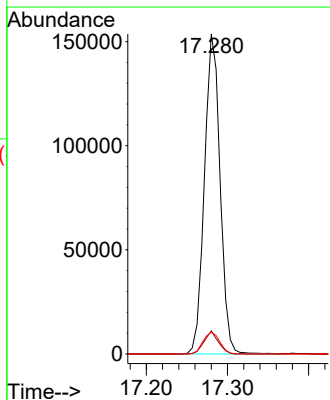
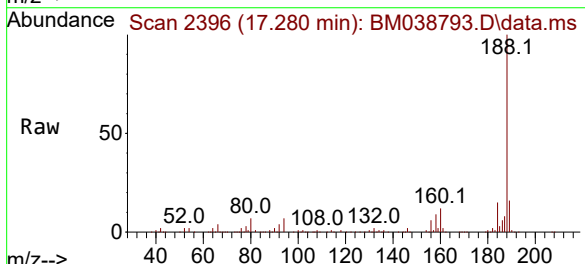
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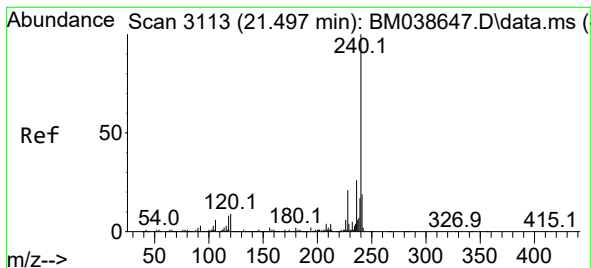
Tgt Ion: 77	Resp: 31008
Ion Ratio	Lower Upper
77 100	
182 87.1	12.0 52.0#
105 141.8	0.0 37.5#
51 37.5	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM038793.D
Acq: 20 Feb 2023 18:57

Tgt Ion: 188	Resp: 205100
Ion Ratio	Lower Upper
188 100	
94 7.2	4.2 6.4#
80 6.9	4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM038793.D

Acq: 20 Feb 2023 18:57

Instrument :

BNA_M

ClientSampleId :

B-26-SB03

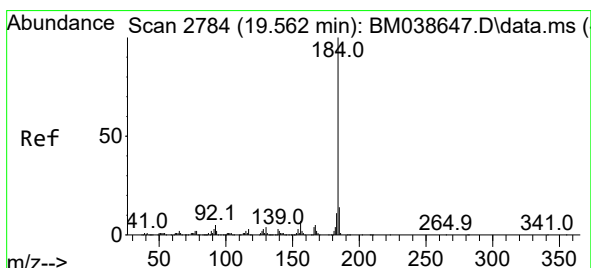
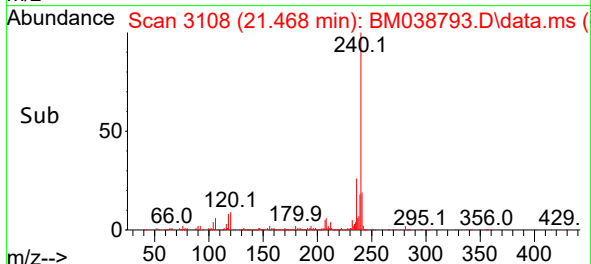
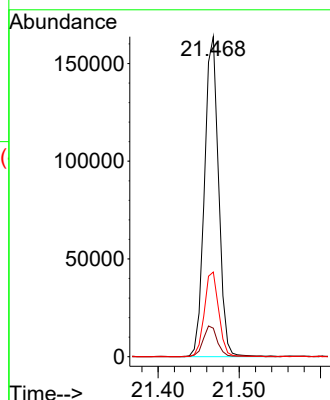
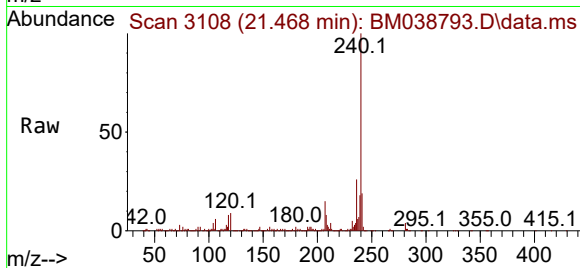
Tgt Ion:240 Resp: 197293

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.4

236 26.5 20.9 31.3



#77

Benzidine

Concen: 3.124 ng

RT: 19.556 min Scan# 2783

Delta R.T. 0.018 min

Lab File: BM038793.D

Acq: 20 Feb 2023 18:57

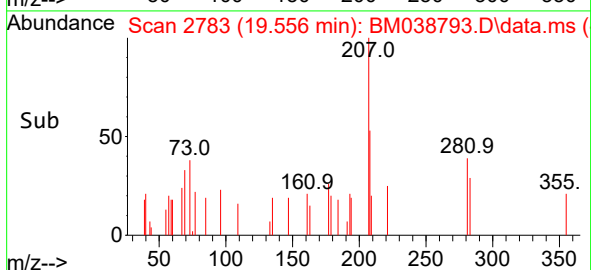
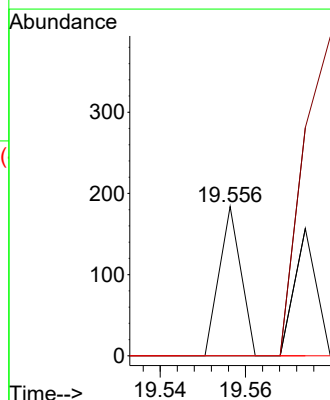
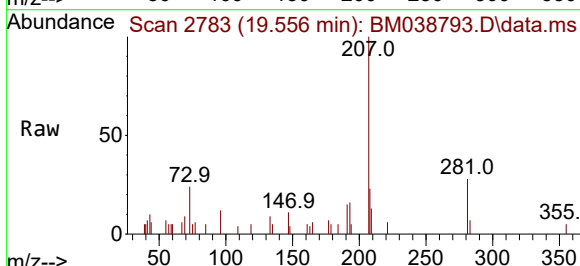
Tgt Ion:184 Resp: 65

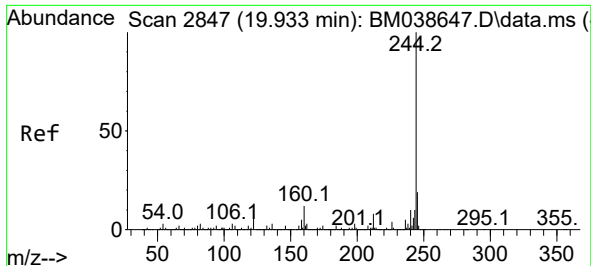
Ion Ratio Lower Upper

184 100

185 0.0 10.8 16.2#

183 0.0 8.8 13.2#

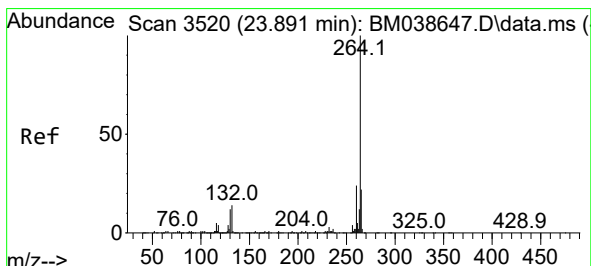
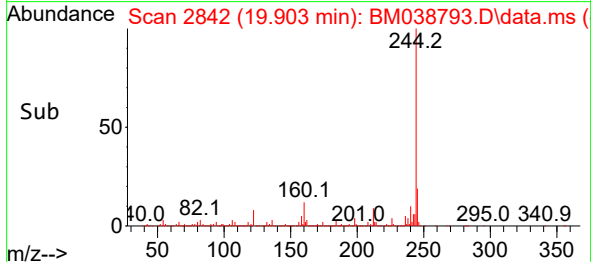
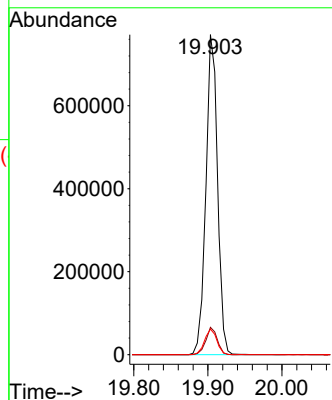
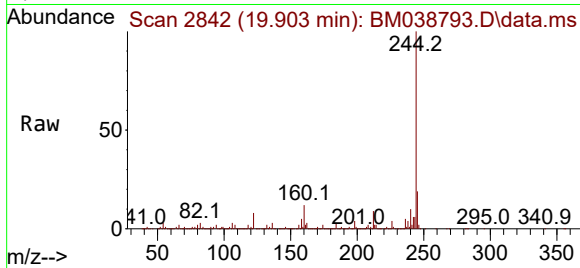




#79
 Terphenyl-d14
 Concen: 75.565 ng
 RT: 19.903 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038793.D
 Acq: 20 Feb 2023 18:57

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Tgt Ion:244 Resp: 844831
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 8.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3512
 Delta R.T. -0.006 min
 Lab File: BM038793.D
 Acq: 20 Feb 2023 18:57

Tgt Ion:264 Resp: 258055
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 22.8 17.9 26.9

