

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040173.D
 Acq On : 09 Jun 2023 01:09
 Operator : MA/JU
 Sample : 03039-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-34

Quant Time: Jun 09 02:26:01 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)

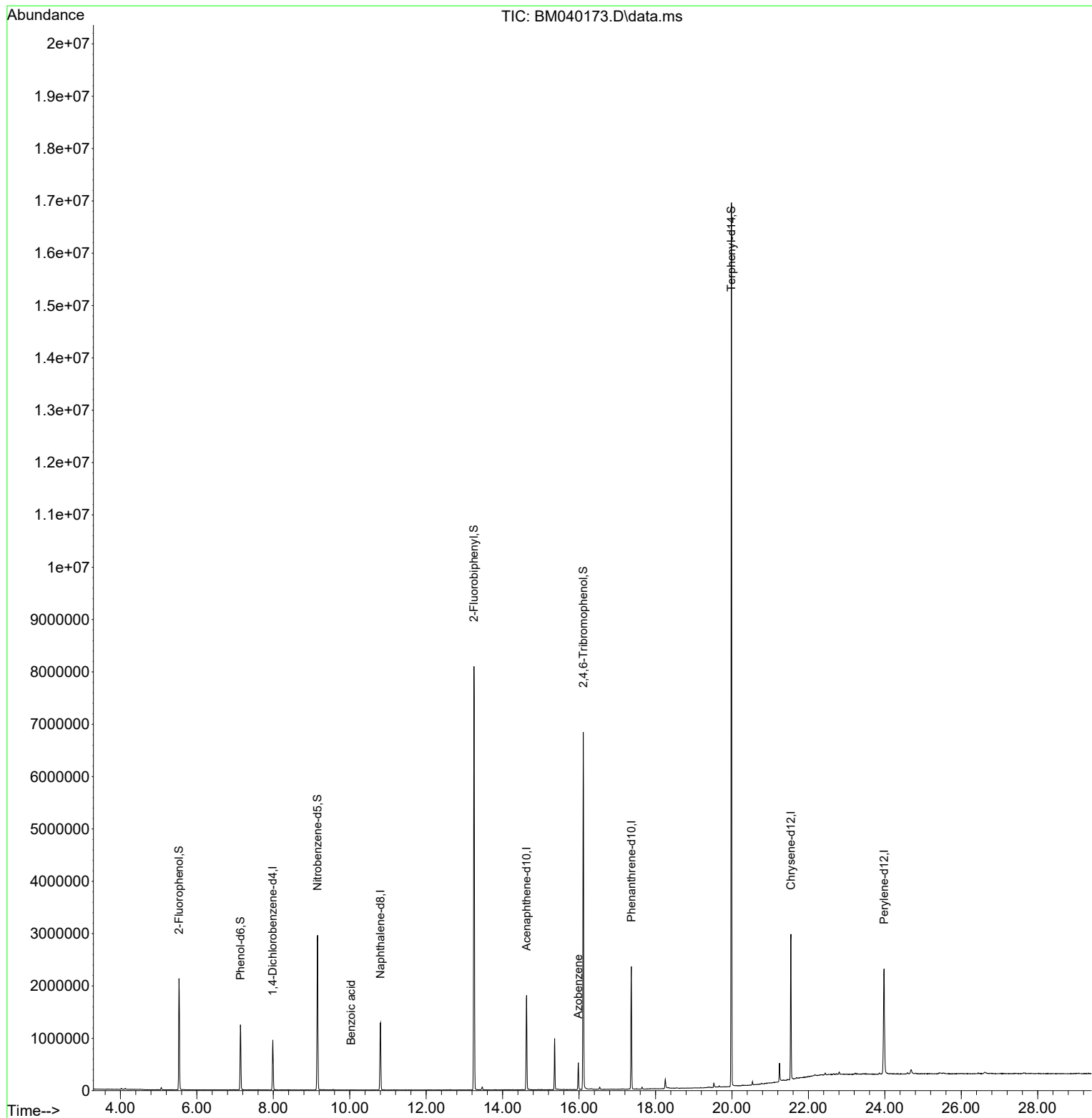
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	245363	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1061919	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	574950	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1238982	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1093386	20.000	ng	0.00
86) Perylene-d12	23.980	264	1309039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	939680	57.184	ng	0.00
7) Phenol-d6	7.140	99	713640	31.827	ng	0.00
23) Nitrobenzene-d5	9.157	82	1660948	84.658	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1132071	130.868	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	3888914	89.400	ng	0.00
79) Terphenyl-d14	19.986	244	7254933	122.315	ng	0.00
Target Compounds						
32) Benzoic acid	10.033	122	216	7.537	ng	# 78
63) Azobenzene	15.980	77	140612	3.179	ng	# 1

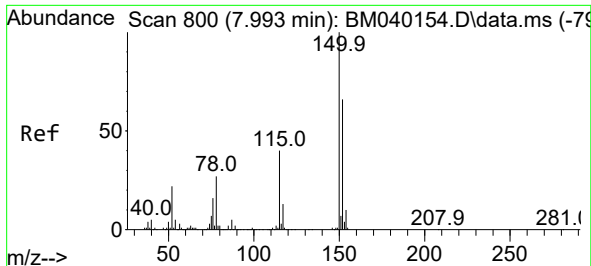
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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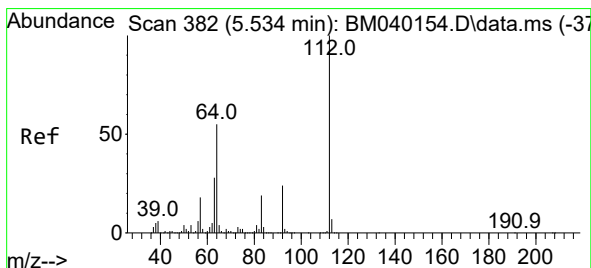
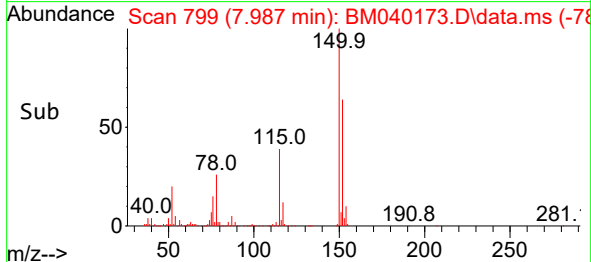
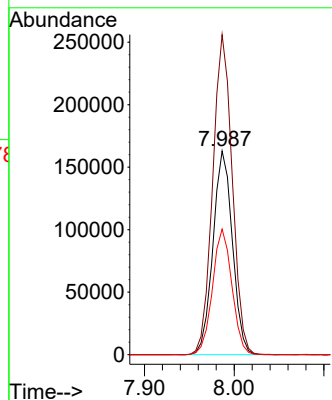
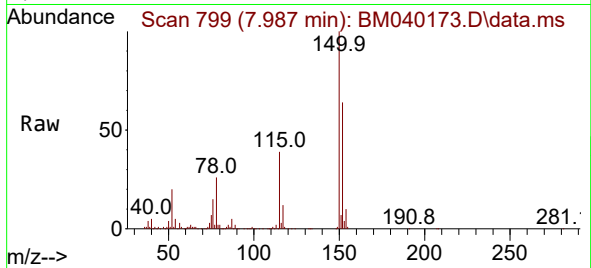




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

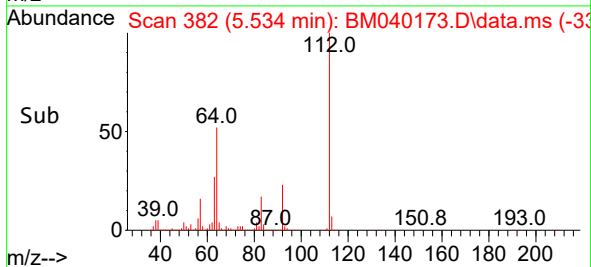
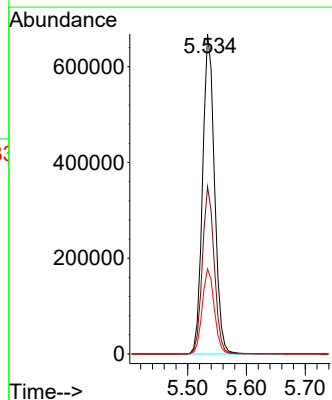
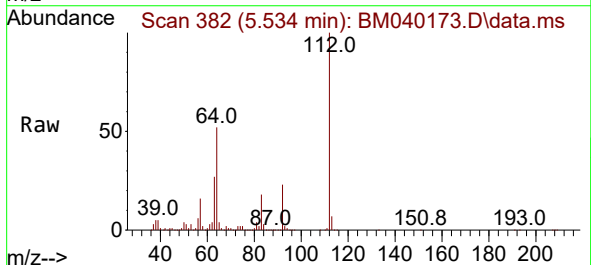
Instrument :
BNA_M
ClientSampleId :
MW-34

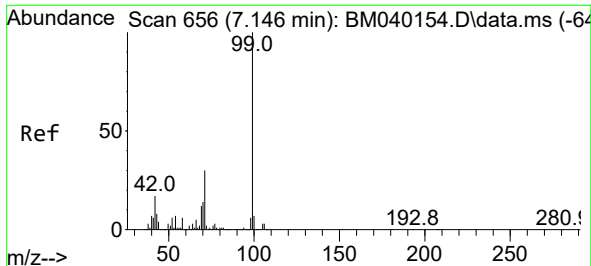
Tgt Ion:152 Resp: 245363
Ion Ratio Lower Upper
152 100
150 157.0 121.4 182.0
115 61.6 48.2 72.4



#5
2-Fluorophenol
Concen: 57.184 ng
RT: 5.534 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

Tgt Ion:112 Resp: 939680
Ion Ratio Lower Upper
112 100
64 52.3 43.8 65.6
63 26.6 22.8 34.2

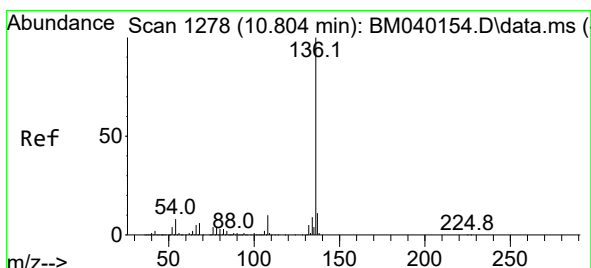
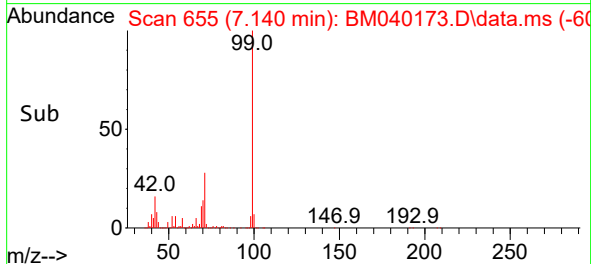
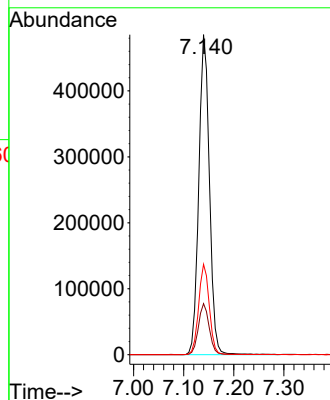
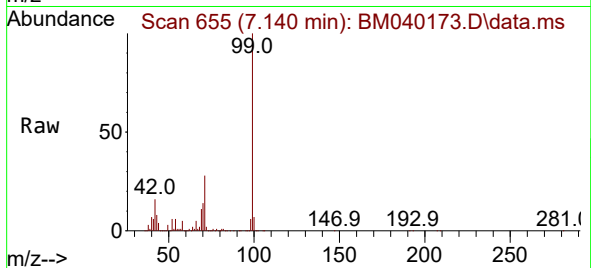




#7
Phenol-d6
Concen: 31.827 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

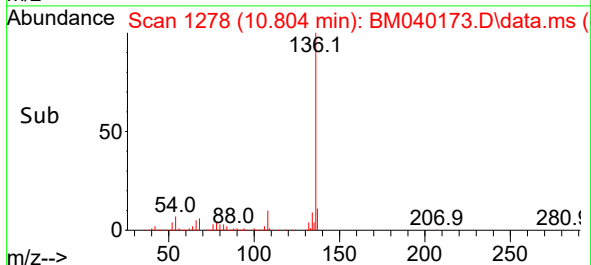
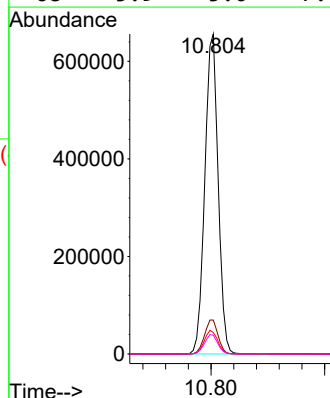
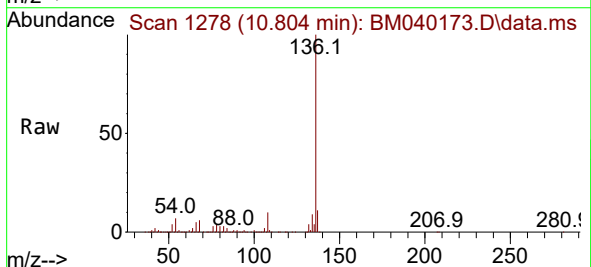
Instrument :
BNA_M
ClientSampleId :
MW-34

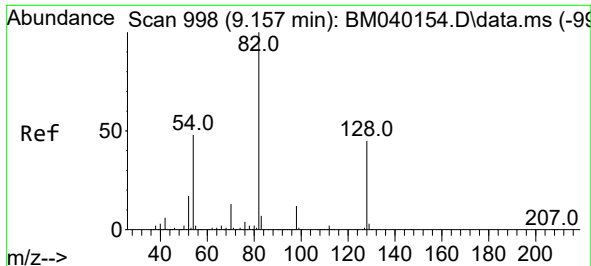
Tgt Ion: 99 Resp: 713640
Ion Ratio Lower Upper
99 100
42 15.9 13.4 20.2
71 28.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

Tgt Ion: 136 Resp: 1061919
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.7 6.2 9.4
68 5.9 5.0 7.4

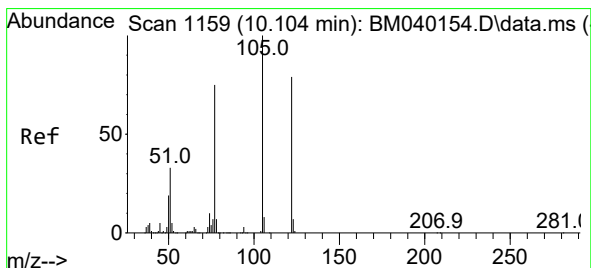
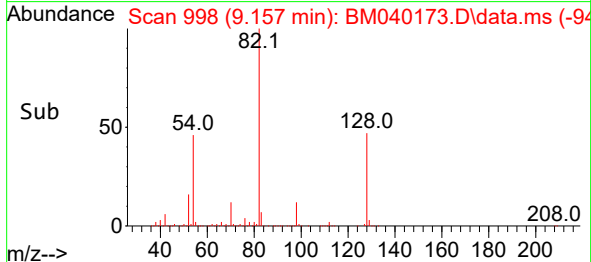
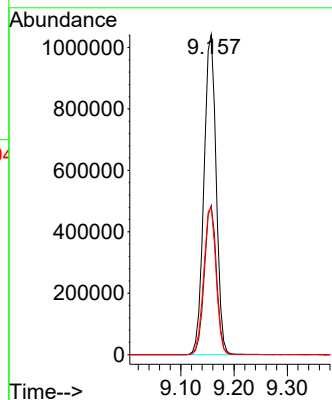
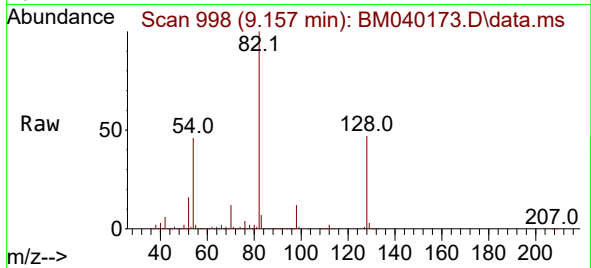




#23
Nitrobenzene-d5
Concen: 84.658 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

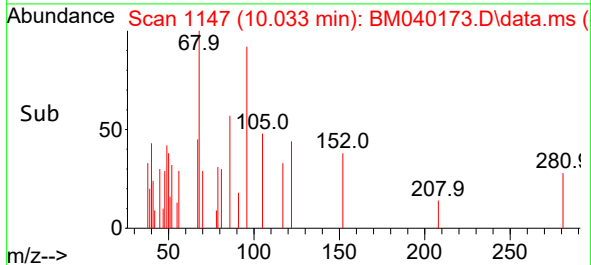
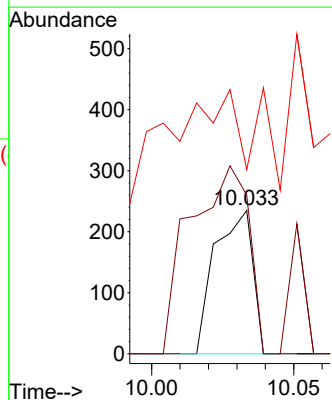
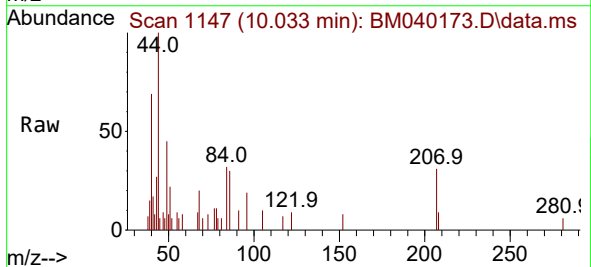
Instrument :
BNA_M
ClientSampleId :
MW-34

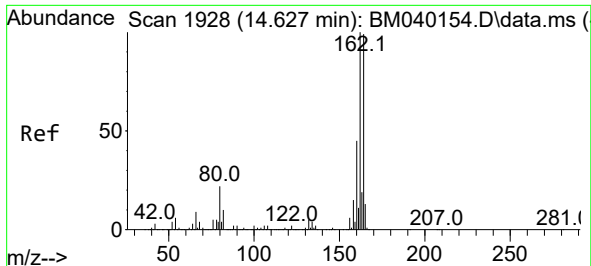
Tgt Ion: 82 Resp: 1660948
Ion Ratio Lower Upper
82 100
128 46.5 36.0 54.0
54 46.0 38.5 57.7



#32
Benzoic acid
Concen: 7.537 ng
RT: 10.033 min Scan# 1147
Delta R.T. -0.071 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

Tgt Ion: 122 Resp: 216
Ion Ratio Lower Upper
122 100
105 110.6 102.7 142.7
77 128.5 73.9 113.9#

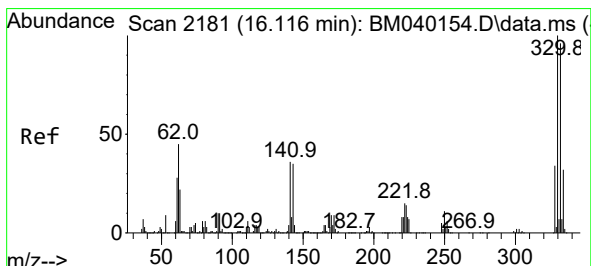
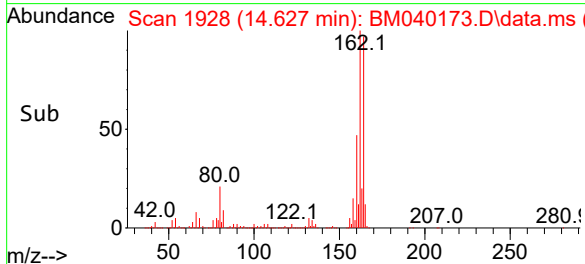
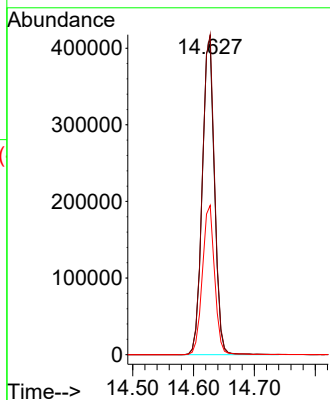
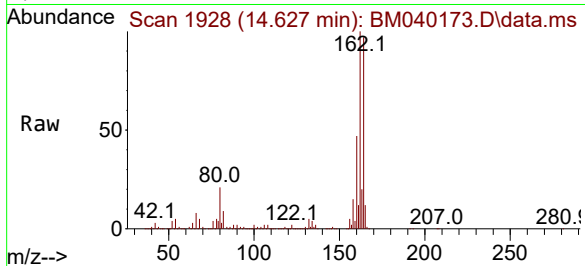




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

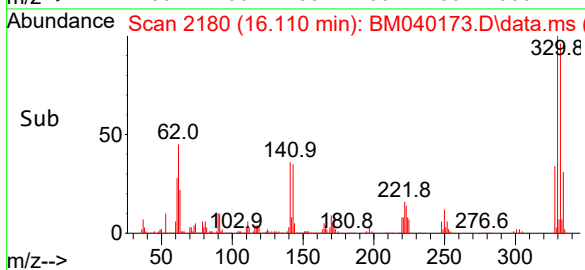
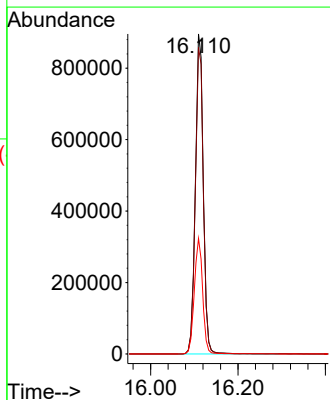
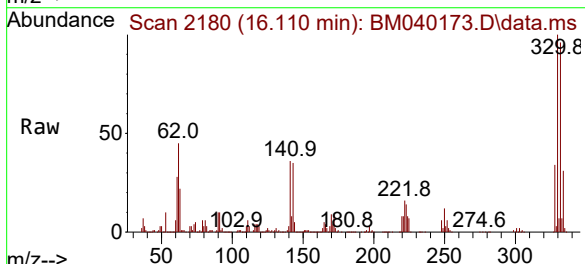
Instrument :
BNA_M
ClientSampleId :
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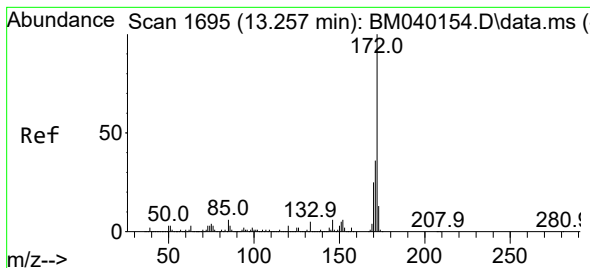
Tgt Ion:164 Resp: 574950
Ion Ratio Lower Upper
164 100
162 103.0 80.4 120.6
160 48.0 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 130.868 ng
RT: 16.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

Tgt Ion:330 Resp: 1132071
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 37.9 31.6 47.4





#45

2-Fluorobiphenyl

Concen: 89.400 ng

RT: 13.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040173.D

Acq: 09 Jun 2023 01:09

Instrument :

BNA_M

ClientSampleId :

MW-34

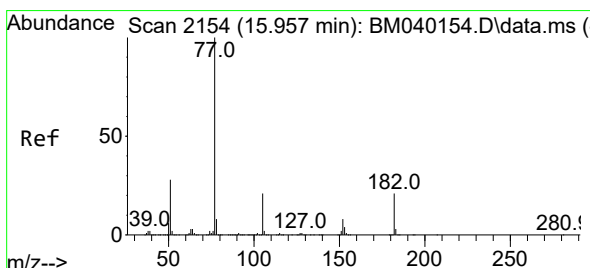
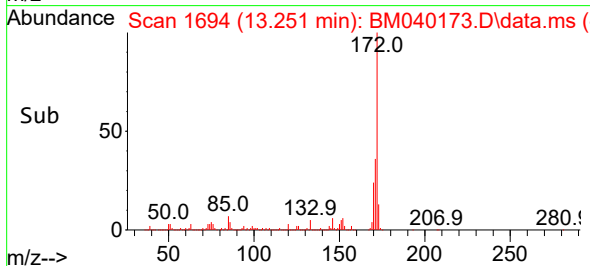
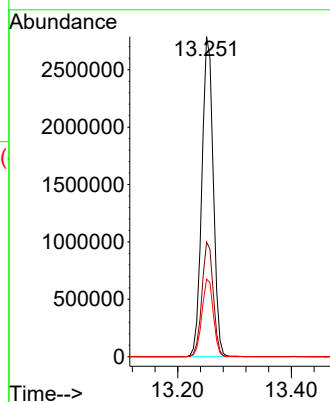
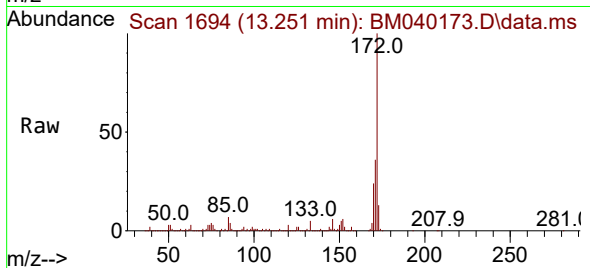
Tgt Ion:172 Resp: 3888914

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.3 19.8 29.6



#63

Azobenzene

Concen: 3.179 ng

RT: 15.980 min Scan# 2158

Delta R.T. 0.023 min

Lab File: BM040173.D

Acq: 09 Jun 2023 01:09

Tgt Ion: 77 Resp: 140612

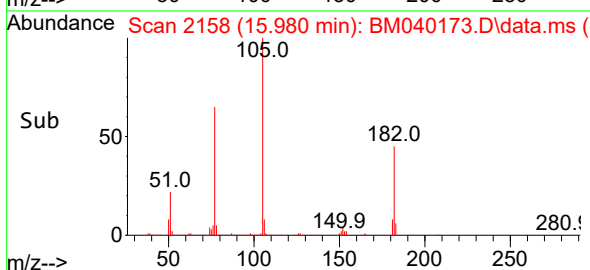
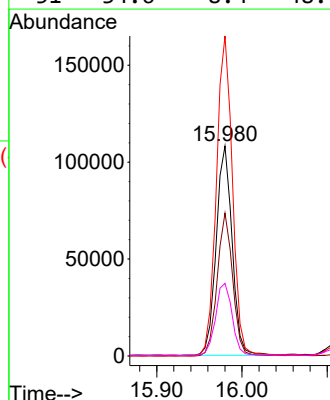
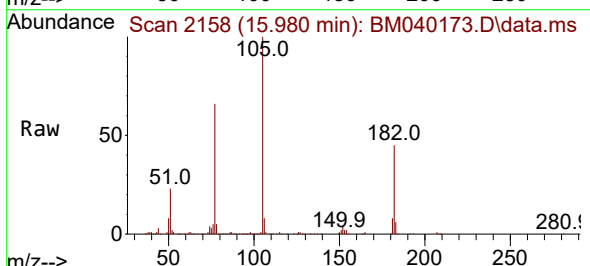
Ion Ratio Lower Upper

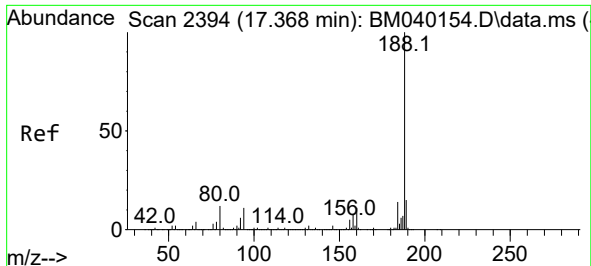
77 100

182 68.1 1.1 41.1#

105 152.4 1.1 41.1#

51 34.6 8.4 48.4

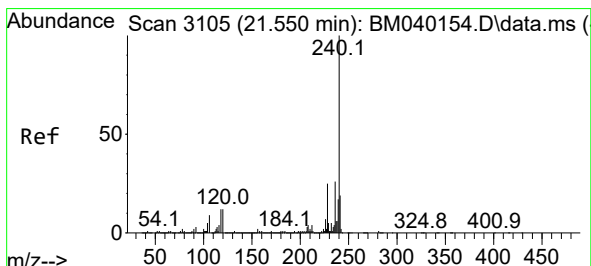
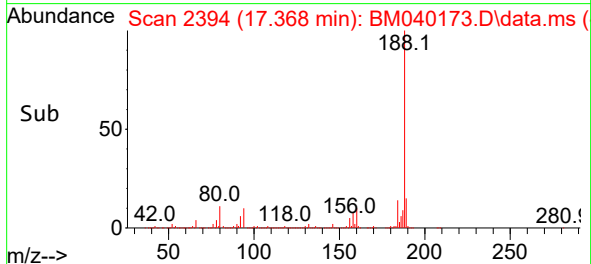
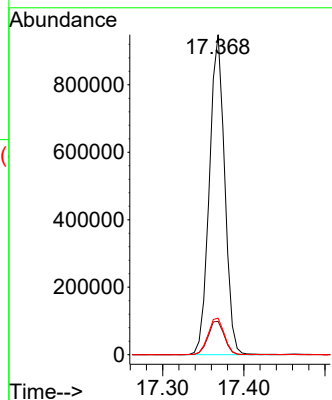
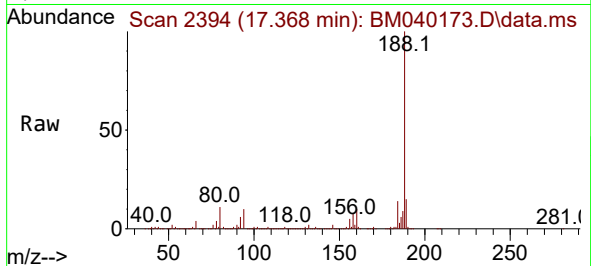




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

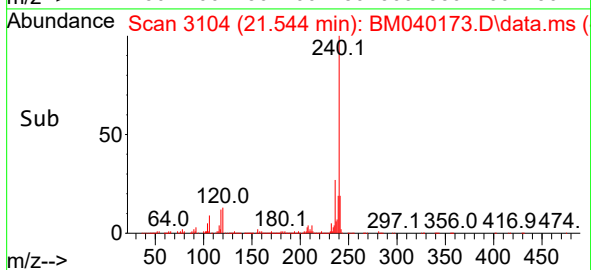
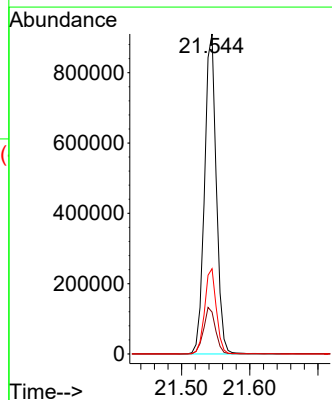
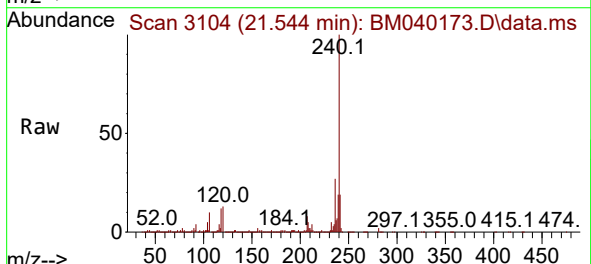
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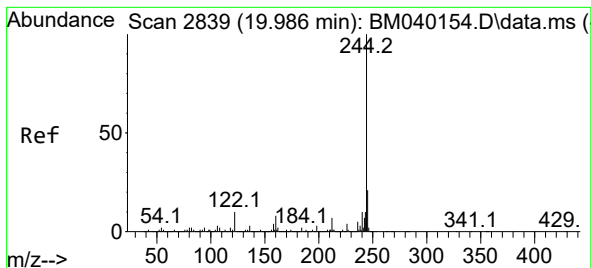
Tgt Ion:188 Resp: 1238982
Ion Ratio Lower Upper
188 100
94 10.4 8.9 13.3
80 11.4 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM040173.D
Acq: 09 Jun 2023 01:09

Tgt Ion:240 Resp: 1093386
Ion Ratio Lower Upper
240 100
120 13.1 9.9 14.9
236 26.6 21.1 31.7





#79

Terphenyl-d14

Concen: 122.315 ng

RT: 19.986 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040173.D

Acq: 09 Jun 2023 01:09

Instrument :

BNA_M

ClientSampleId :

MW-34

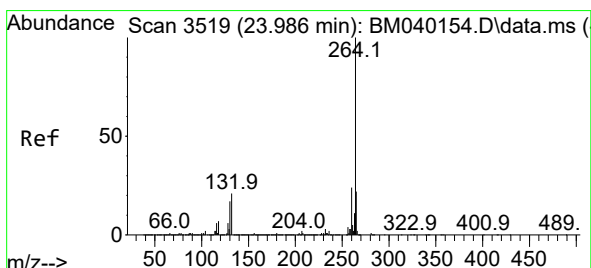
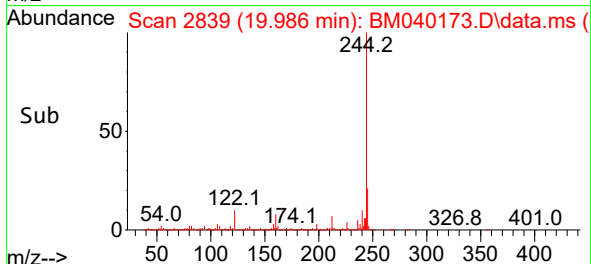
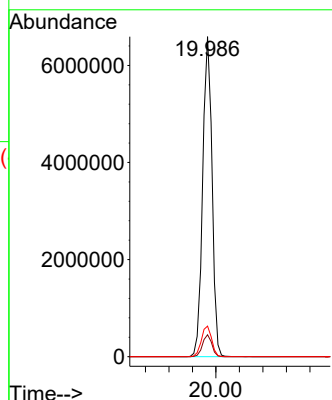
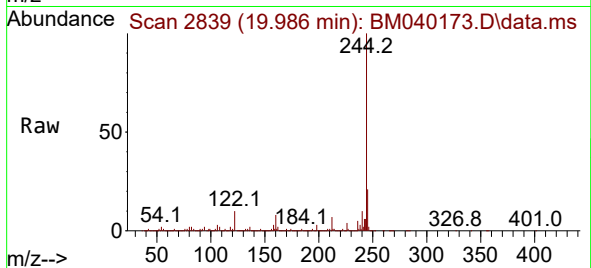
Tgt Ion:244 Resp: 7254933

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 9.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM040173.D

Acq: 09 Jun 2023 01:09

Tgt Ion:264 Resp: 1309039

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.7 17.7 26.5

