

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040215.D
 Acq On : 10 Jun 2023 07:18
 Operator : MA/JU
 Sample : 03047-07RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-41RE

Quant Time: Jun 10 08:36:15 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)

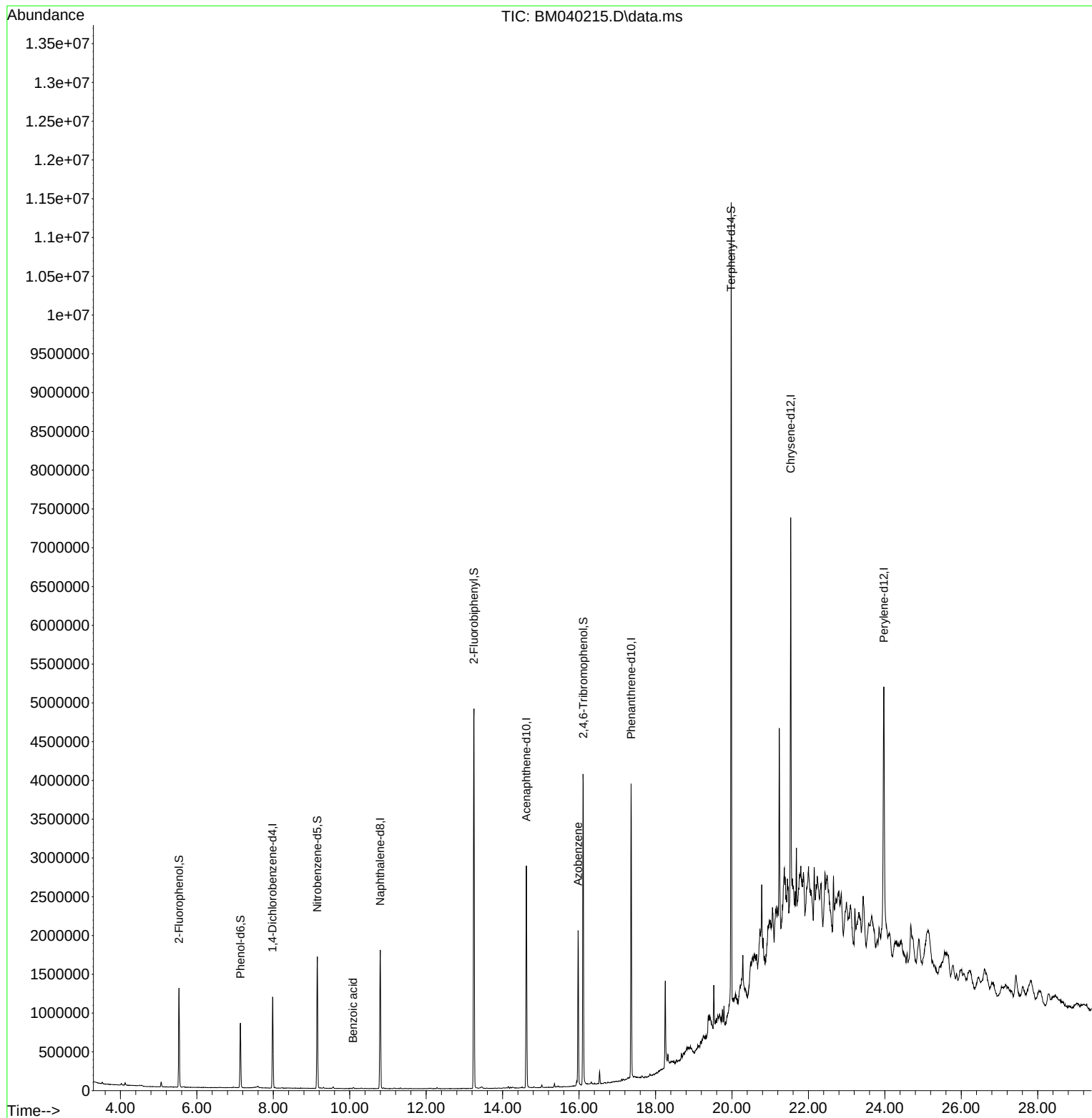
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	340869	20.000	ng	-0.01
21) Naphthalene-d8	10.798	136	1517210	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	973838	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2220467	20.000	ng	# 0.00
76) Chrysene-d12	21.539	240	2159209	20.000	ng	-0.01
86) Perylene-d12	23.974	264	2189999	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	606784	26.580	ng	0.00
7) Phenol-d6	7.140	99	507850	16.303	ng	0.00
23) Nitrobenzene-d5	9.151	82	951119	33.931	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	843034	57.537	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2544554	34.535	ng	0.00
79) Terphenyl-d14	19.980	244	4703720	40.158	ng	0.00
Target Compounds						
32) Benzoic acid	10.086	122	54	7.525	ng	# 1
63) Azobenzene	15.974	77	524495	7.000	ng	# 1

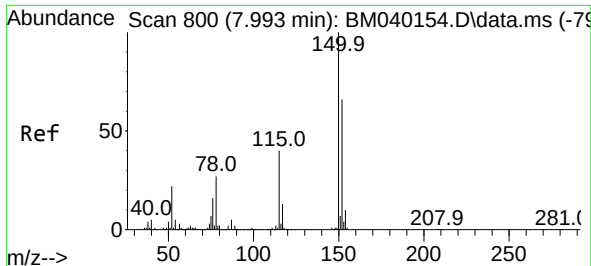
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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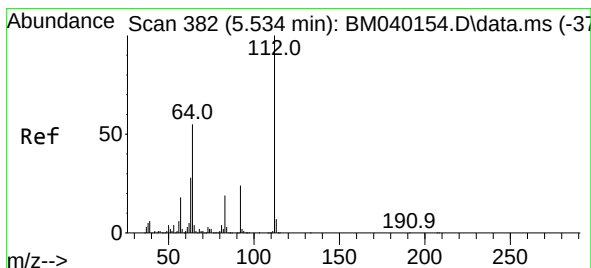
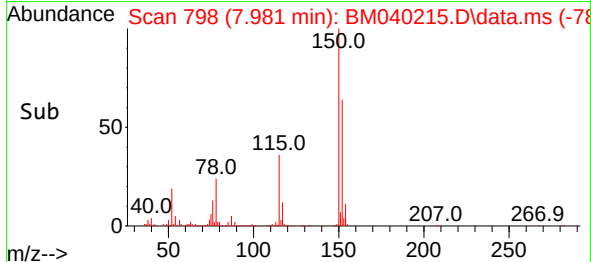
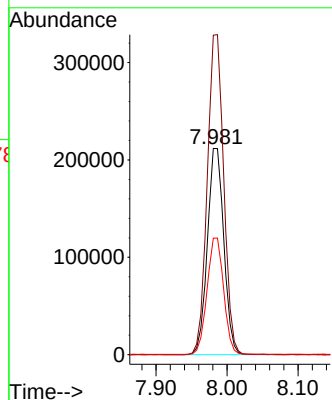
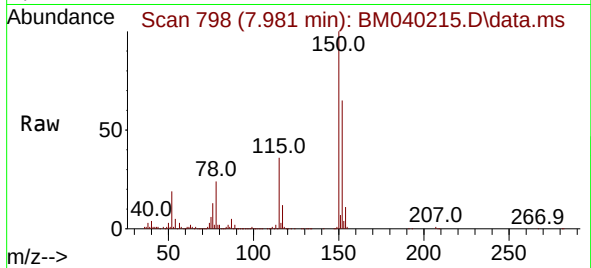




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

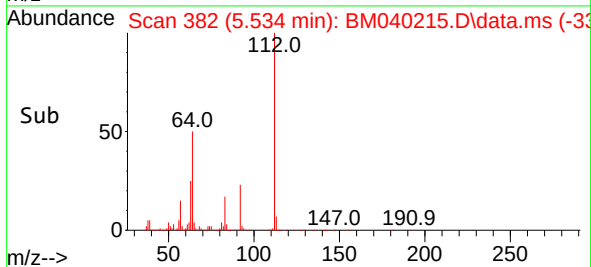
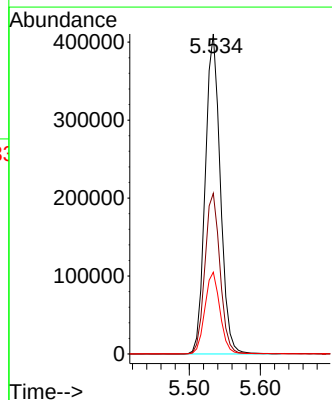
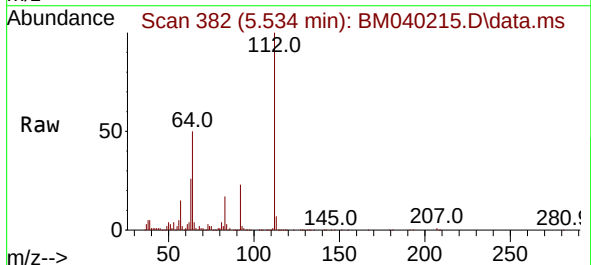
Instrument :
BNA_M
ClientSampleId :
MW-41RE

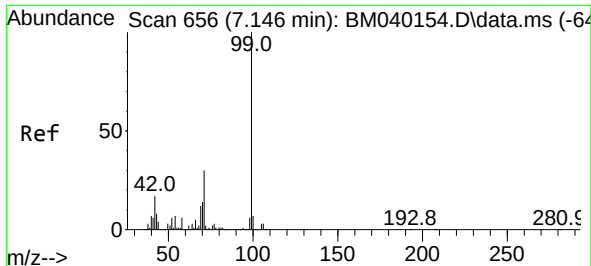
Tgt Ion:152 Resp: 340869
Ion Ratio Lower Upper
152 100
150 155.0 121.4 182.0
115 56.5 48.2 72.4



#5
2-Fluorophenol
Concen: 26.580 ng
RT: 5.534 min Scan# 382
Delta R.T. -0.000 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

Tgt Ion:112 Resp: 606784
Ion Ratio Lower Upper
112 100
64 50.2 43.8 65.6
63 25.5 22.8 34.2



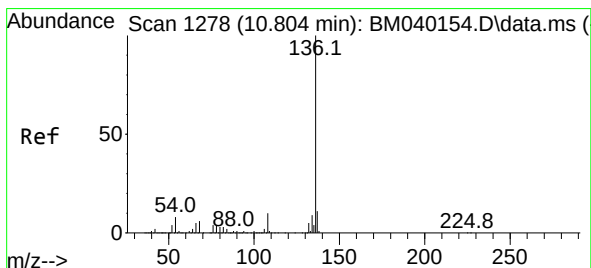
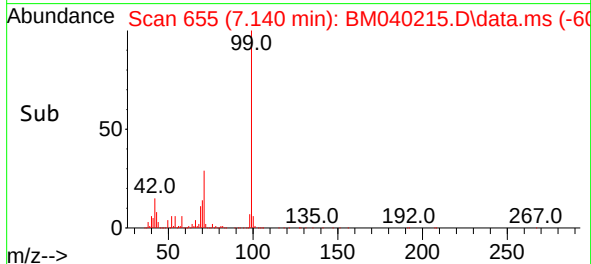
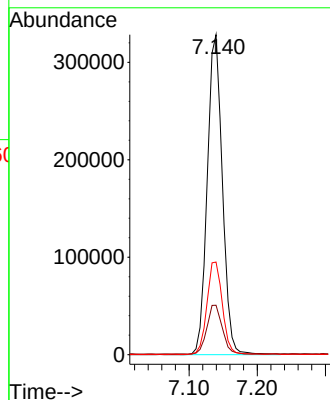
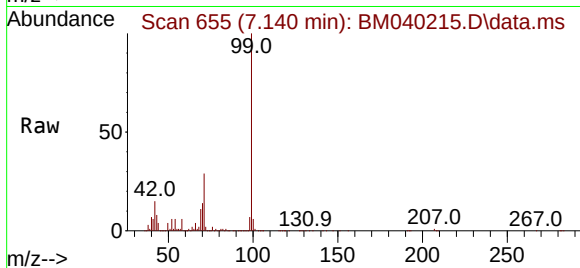


#7
Phenol-d6
Concen: 16.303 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

Instrument :
BNA_M
ClientSampleId :
MW-41RE

Tgt Ion: 99 Resp: 507850

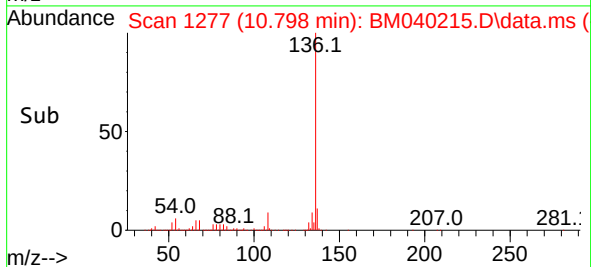
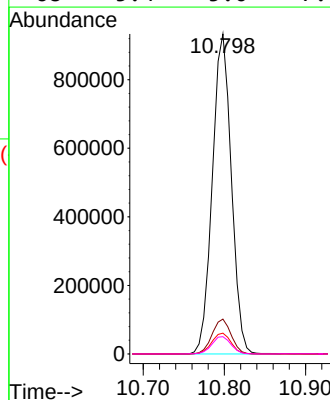
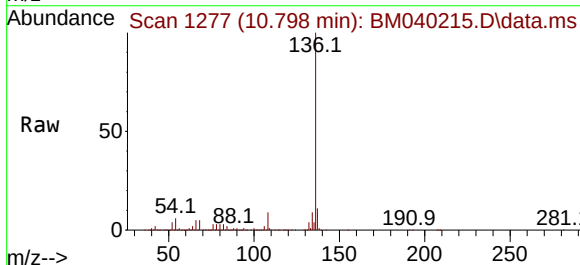
Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.4	20.2
71	28.9	24.3	36.5

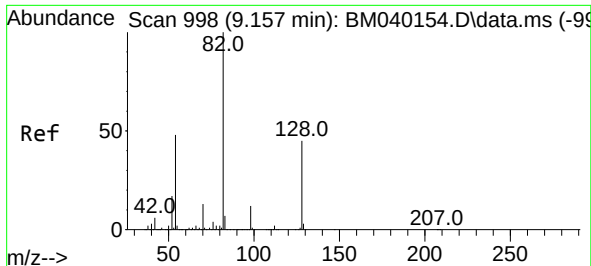


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

Tgt Ion:136 Resp: 1517210

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.5	6.2	9.4
68	5.4	5.0	7.4

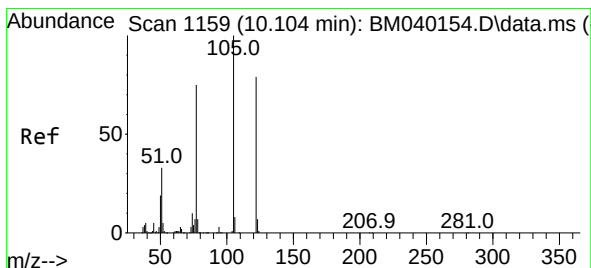
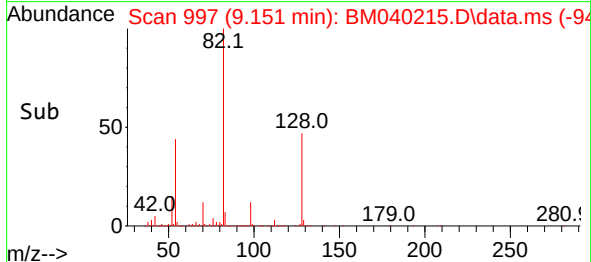
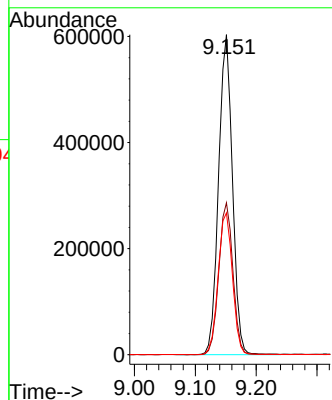
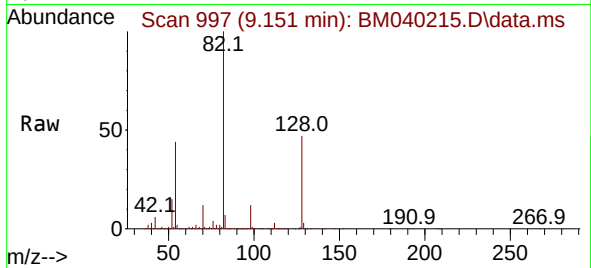




#23
Nitrobenzene-d5
Concen: 33.931 ng
RT: 9.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

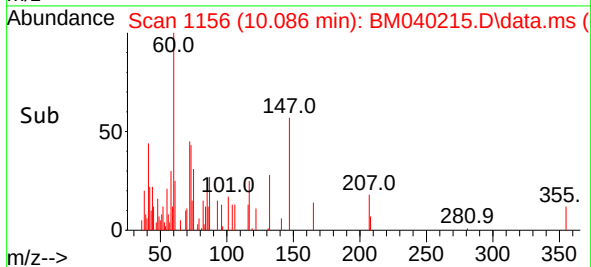
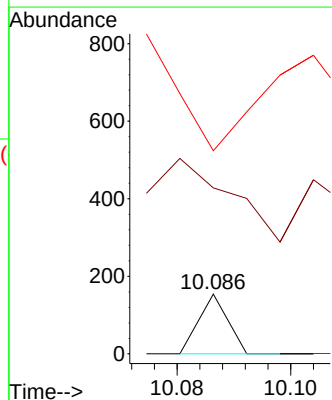
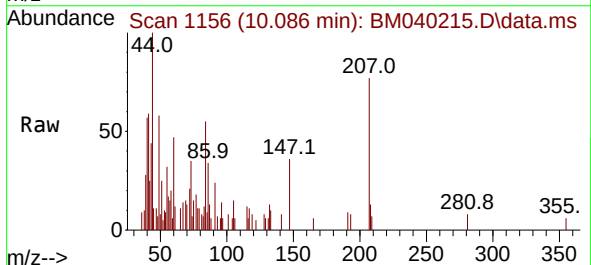
Instrument :
BNA_M
ClientSampleId :
MW-41RE

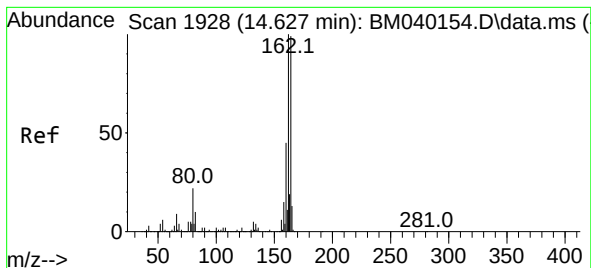
Tgt Ion: 82 Resp: 951119
Ion Ratio Lower Upper
82 100
128 47.4 36.0 54.0
54 44.3 38.5 57.7



#32
Benzoic acid
Concen: 7.525 ng
RT: 10.086 min Scan# 1156
Delta R.T. -0.018 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 277.9 102.7 142.7#
77 340.3 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: BM040215.D

Acq: 10 Jun 2023 07:18

Instrument :

BNA_M

ClientSampleId :

MW-41RE

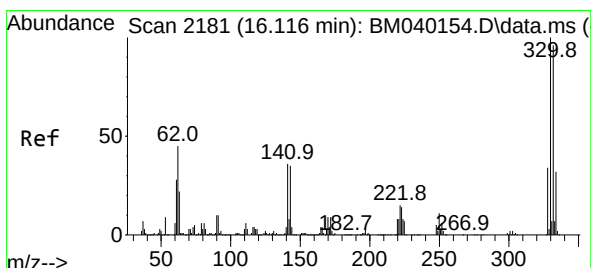
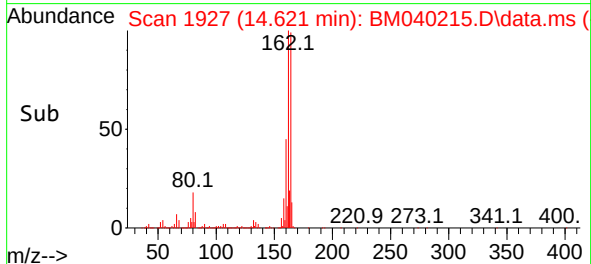
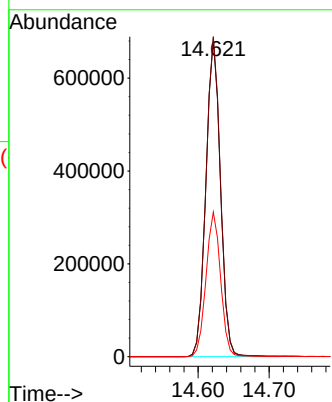
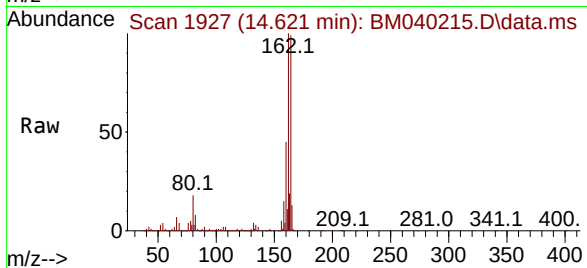
Tgt Ion:164 Resp: 973838

Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

160 45.5 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 57.537 ng

RT: 16.110 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BM040215.D

Acq: 10 Jun 2023 07:18

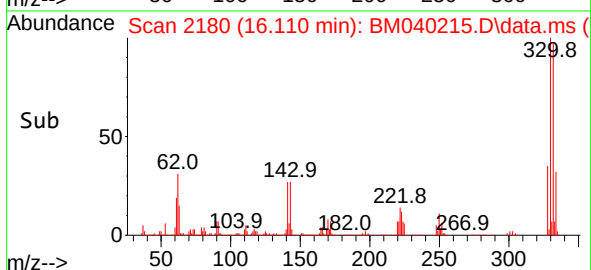
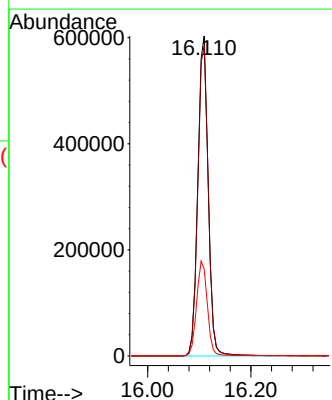
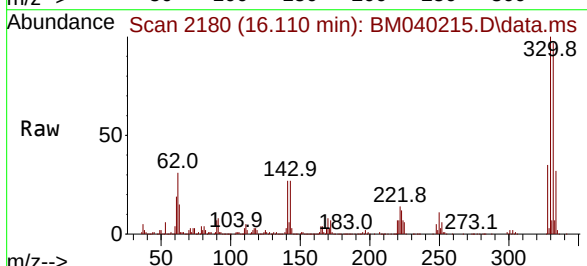
Tgt Ion:330 Resp: 843034

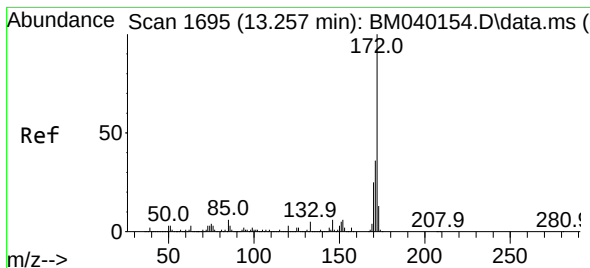
Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

141 30.6 31.6 47.4#





#45

2-Fluorobiphenyl

Concen: 34.535 ng

RT: 13.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040215.D

Acq: 10 Jun 2023 07:18

Instrument :

BNA_M

ClientSampleId :

MW-41RE

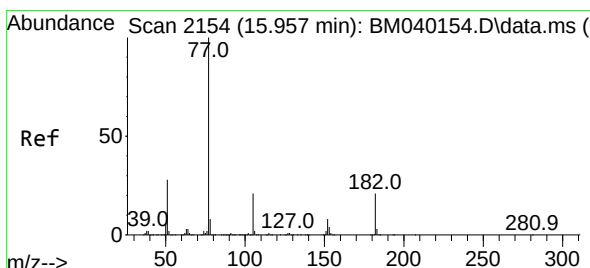
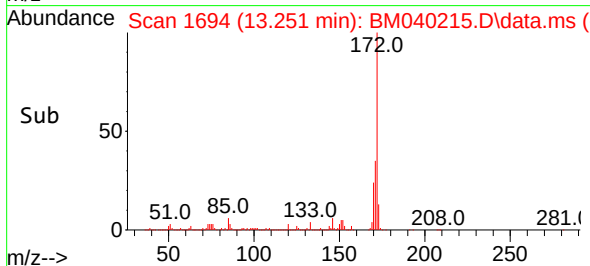
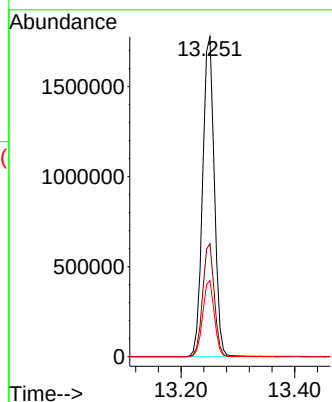
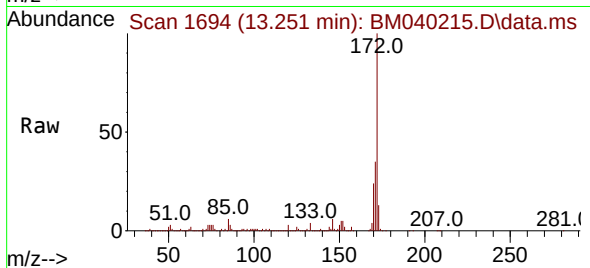
Tgt Ion:172 Resp: 2544554

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.8 19.8 29.6



#63

Azobenzene

Concen: 7.000 ng

RT: 15.974 min Scan# 2157

Delta R.T. 0.018 min

Lab File: BM040215.D

Acq: 10 Jun 2023 07:18

Tgt Ion: 77 Resp: 524495

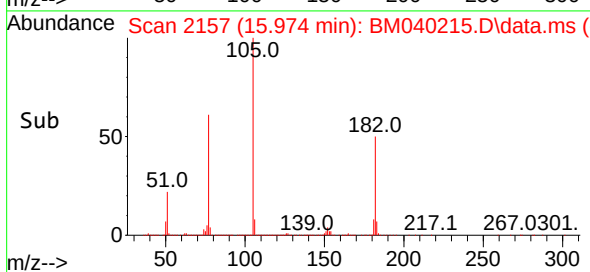
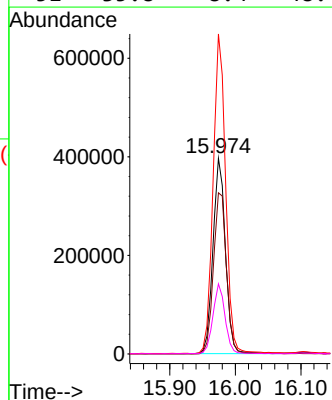
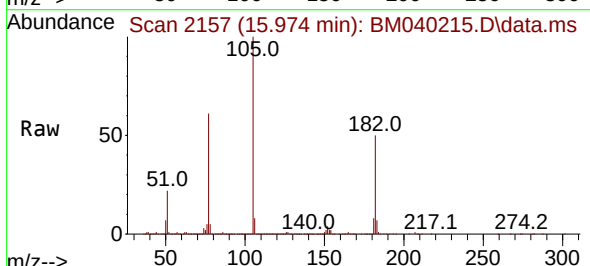
Ion Ratio Lower Upper

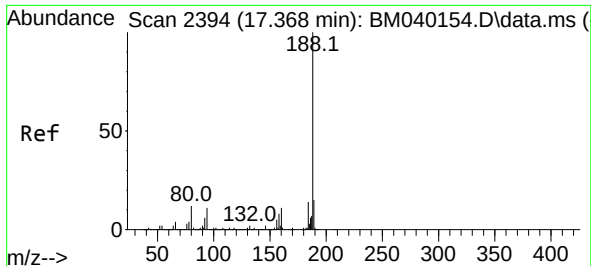
77 100

182 82.3 1.1 41.1#

105 163.6 1.1 41.1#

51 35.8 8.4 48.4

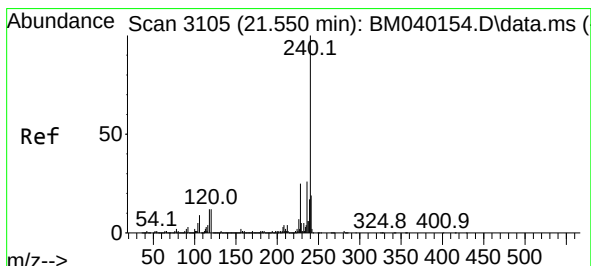
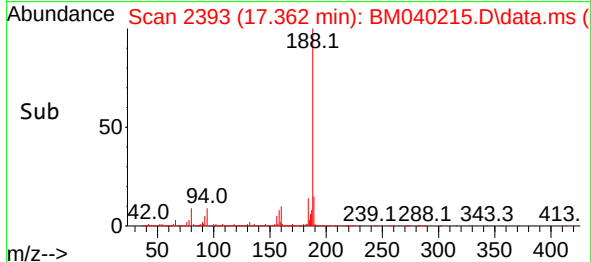
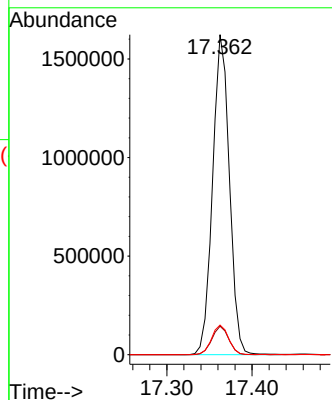
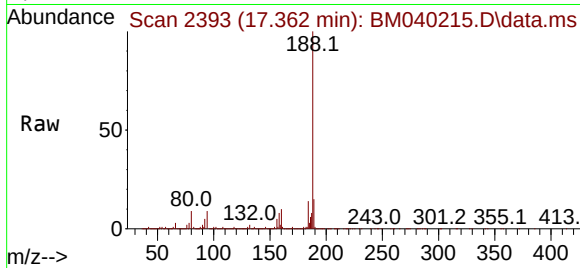




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

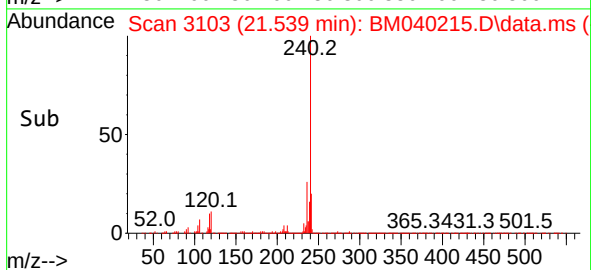
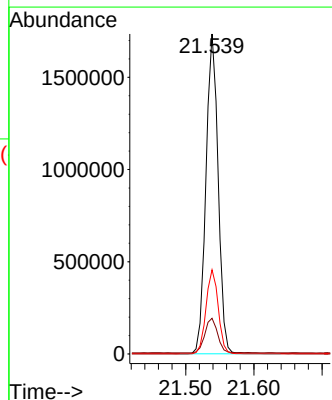
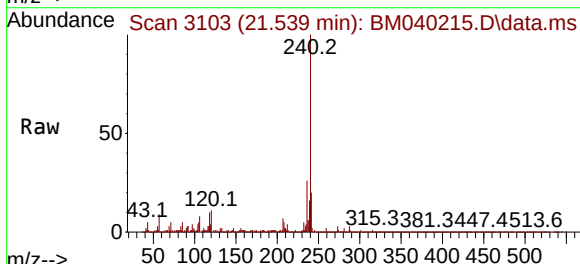
Instrument :
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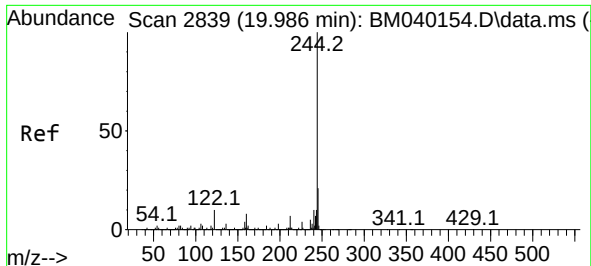
Tgt Ion:188 Resp: 2220467
Ion Ratio Lower Upper
188 100
94 8.9 8.9 13.3
80 9.2 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

Tgt Ion:240 Resp: 2159209
Ion Ratio Lower Upper
240 100
120 11.2 9.9 14.9
236 26.3 21.1 31.7

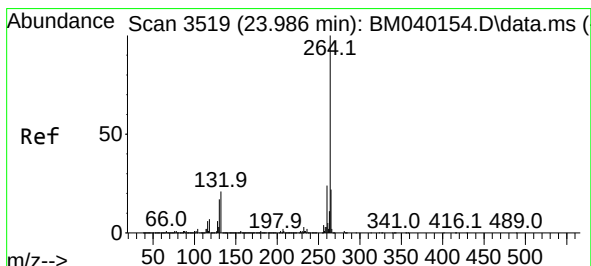
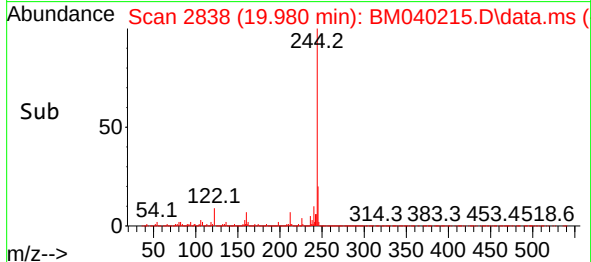
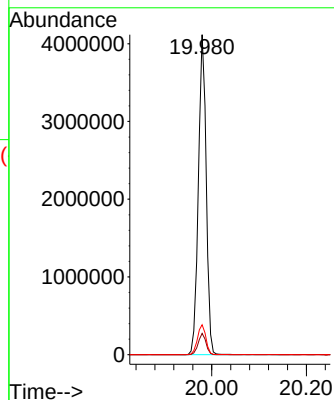
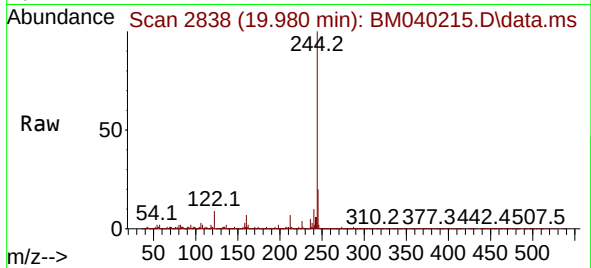




#79
 Terphenyl-d14
 Concen: 40.158 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM040215.D
 Acq: 10 Jun 2023 07:18

Instrument :
 BNA_M
 ClientSampleId :
 MW-41RE

Tgt Ion:244 Resp: 4703720
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.4 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: BM040215.D
 Acq: 10 Jun 2023 07:18

Tgt Ion:264 Resp: 2189999
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.9 17.7 26.5

