

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

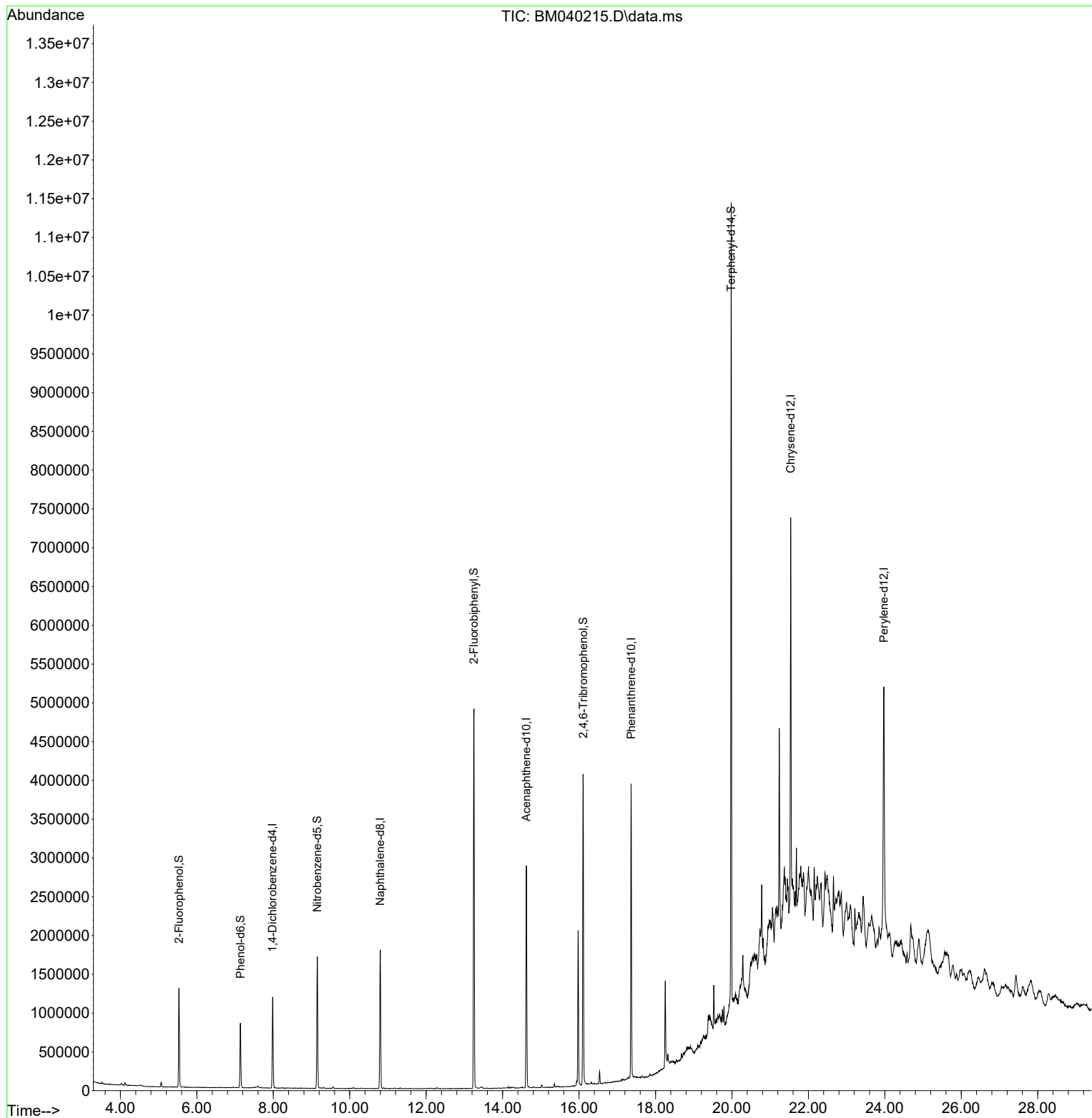
Target Compounds	Qvalue

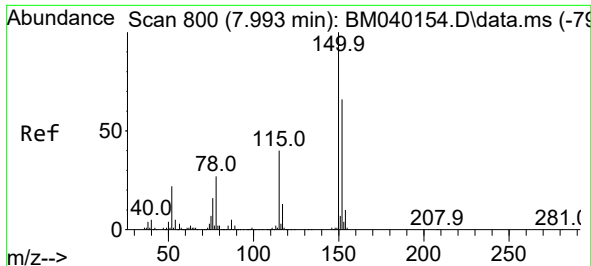
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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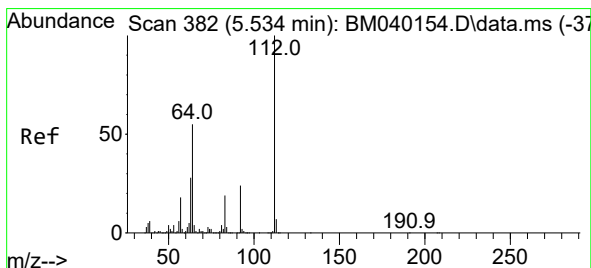
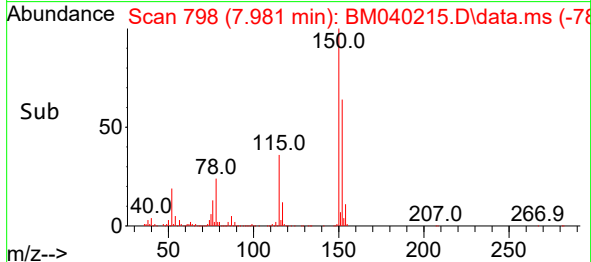
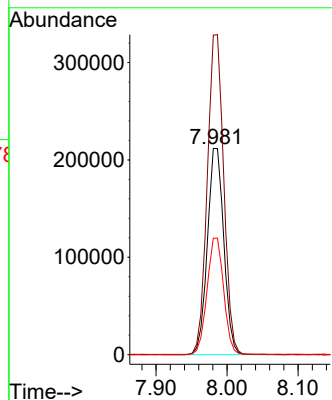
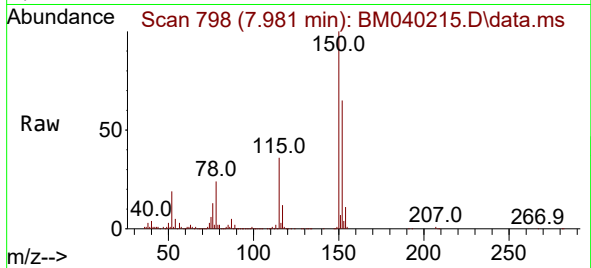




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

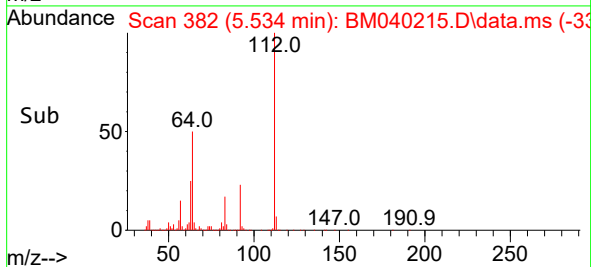
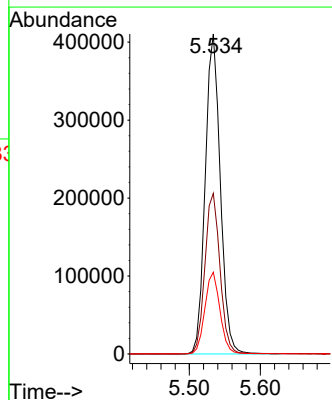
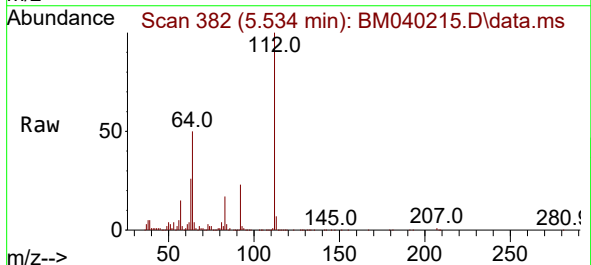
Instrument :
BNA_M
ClientSampleId :
MW-41RE

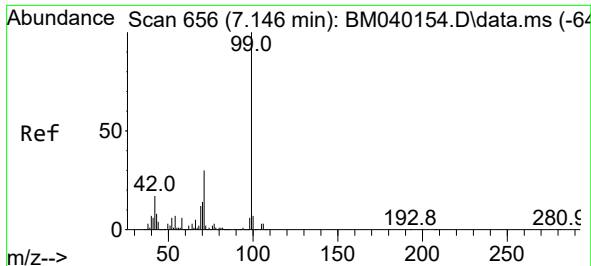
Tgt Ion:152 Resp: 340869
Ion Ratio Lower Upper
152 100
150 155.0 121.4 182.0
115 56.5 48.2 72.4



#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

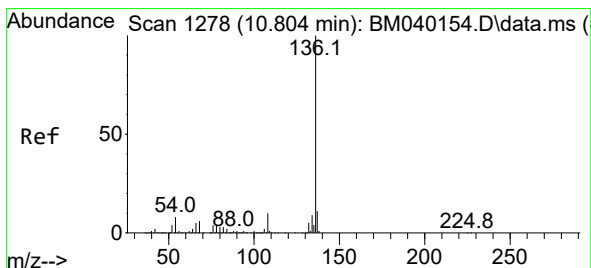
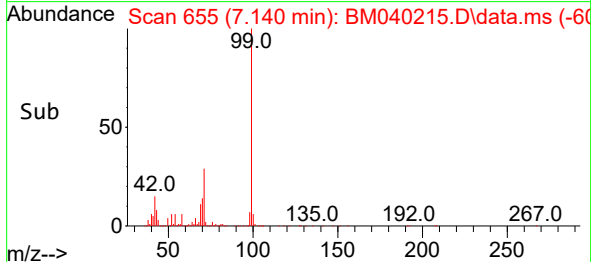
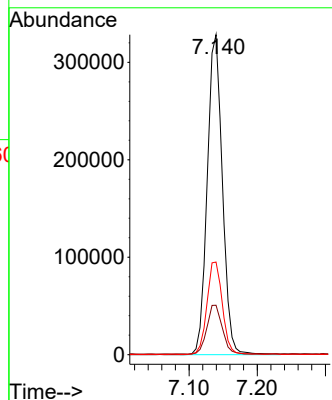
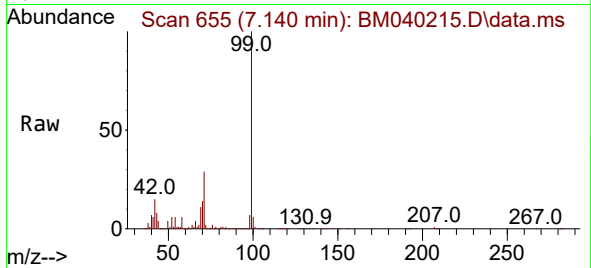




#7
Phenol-d6
Concen: 16.303 ng
RT: 7.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

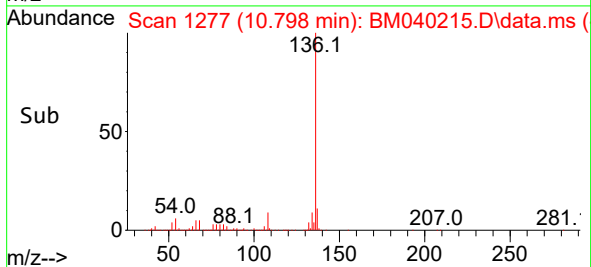
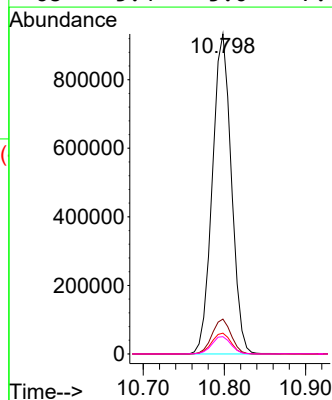
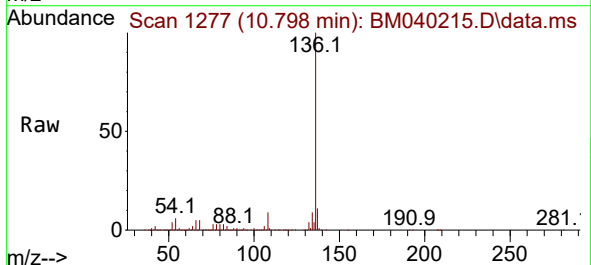
Instrument :
BNA_M
ClientSampleId :
MW-41RE

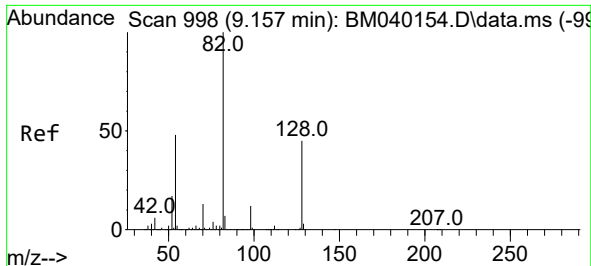
Tgt Ion: 99 Resp: 507850
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.2
71 28.9 24.3 36.5



#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

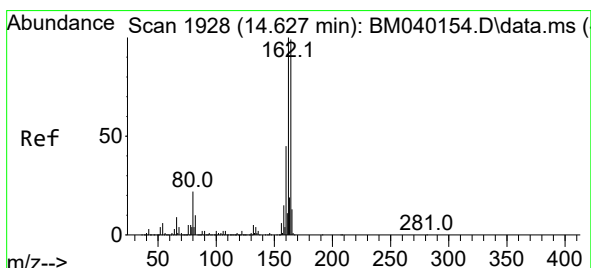
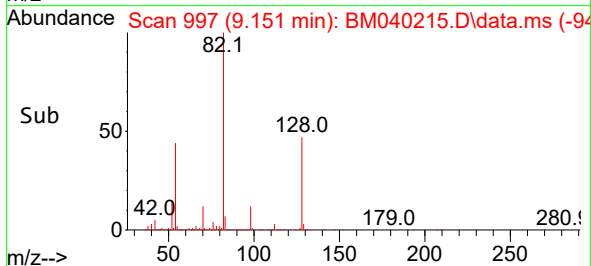
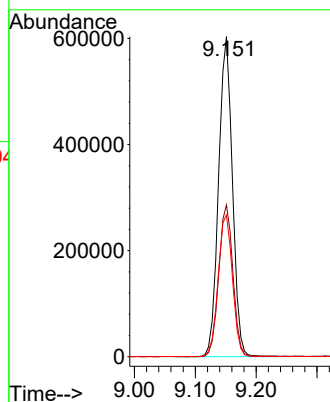
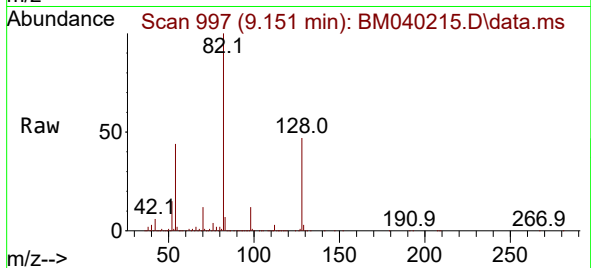
Tgt Ion: 82 Resp: 951119

Ion Ratio Lower Upper

82 100

128 47.4 36.0 54.0

54 44.3 38.5 57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.621 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BM040215.D

Acq: 10 Jun 2023 07:18

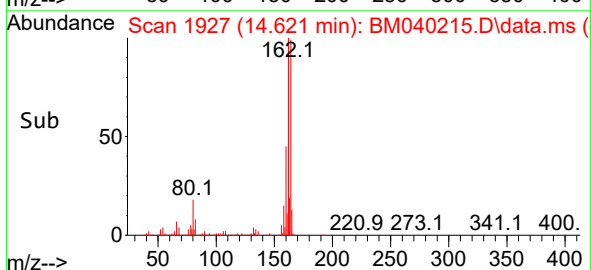
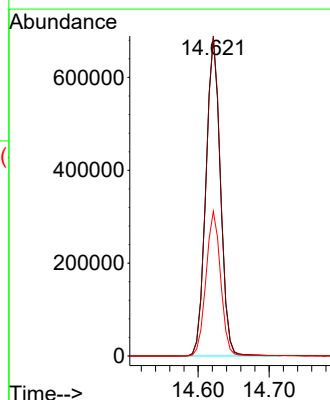
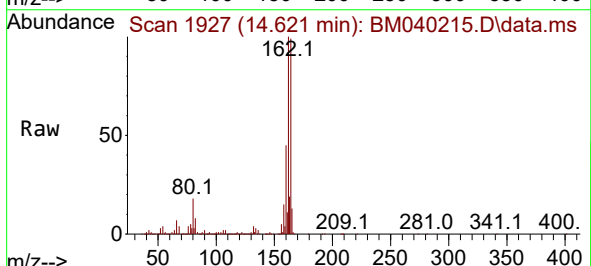
Tgt Ion:164 Resp: 973838

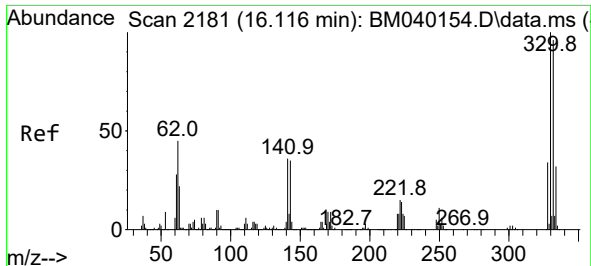
Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

160 45.5 35.9 53.9

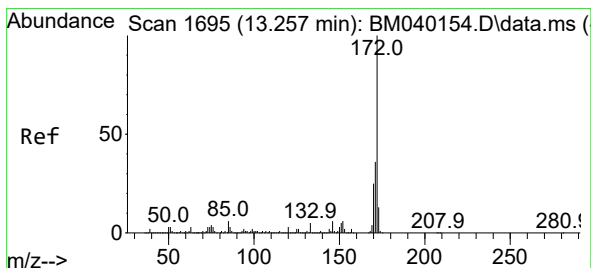
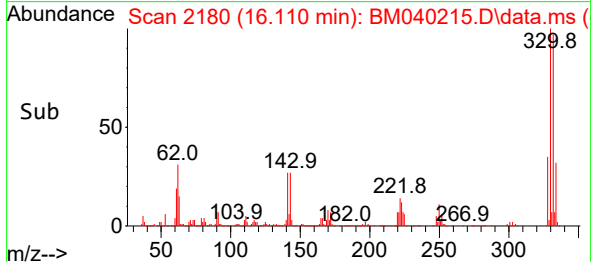
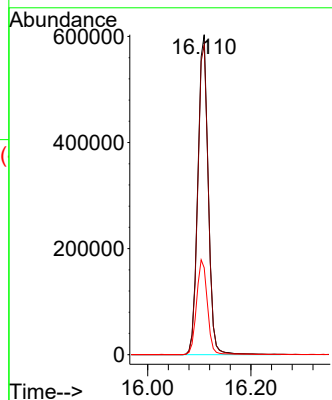
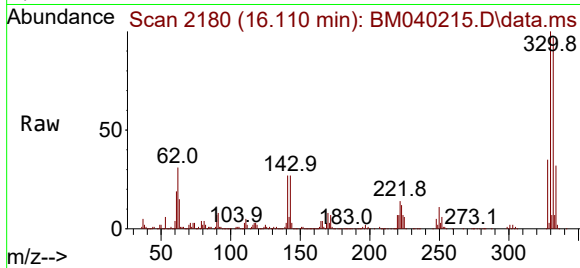




#42
2,4,6-Tribromophenol
Concen: 57.537 ng
RT: 16.110 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

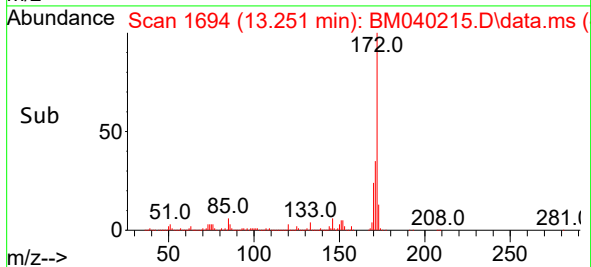
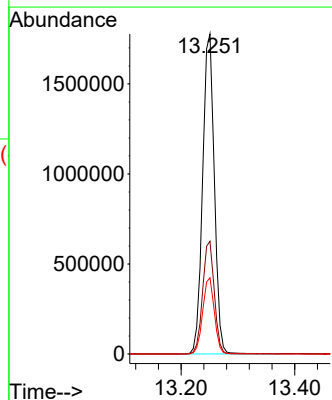
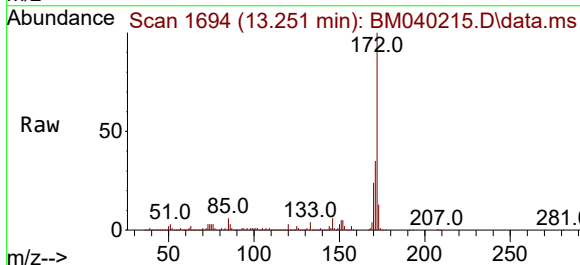
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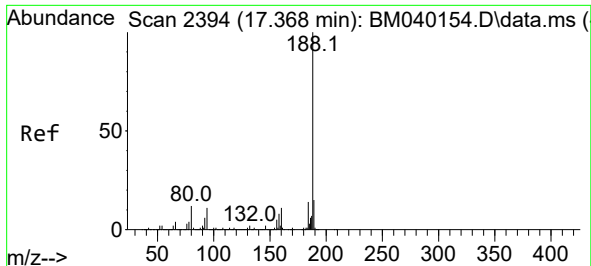
Tgt Ion:330 Resp: 843034
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 30.6 31.6 47.4#



#45
2-Fluorobiphenyl
Concen: 34.535 ng
RT: 13.251 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

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

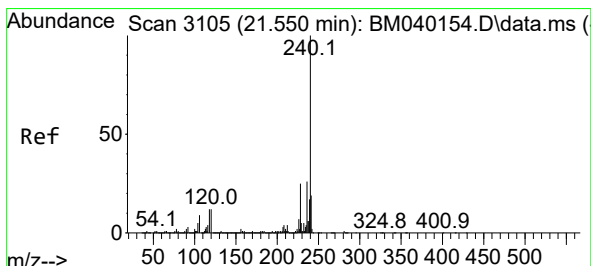
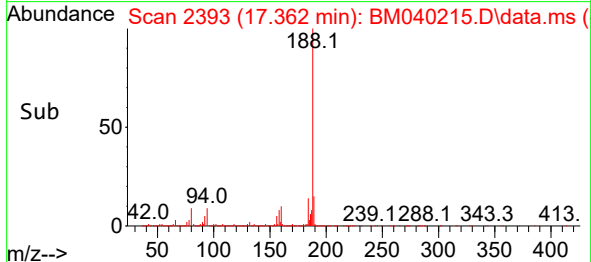
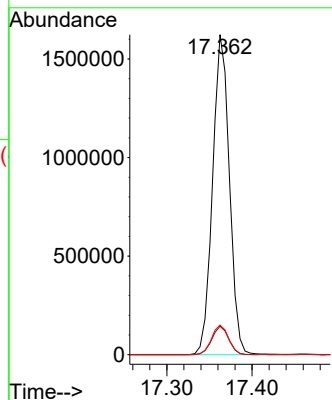
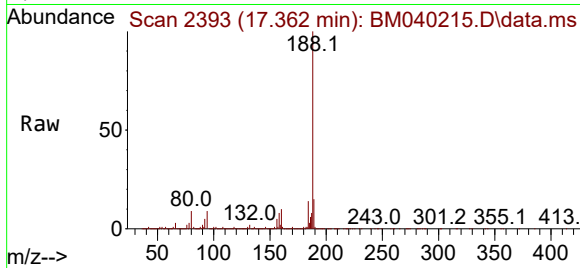




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040215.D
Acq: 10 Jun 2023 07:18

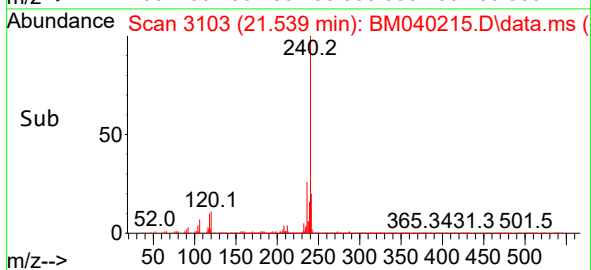
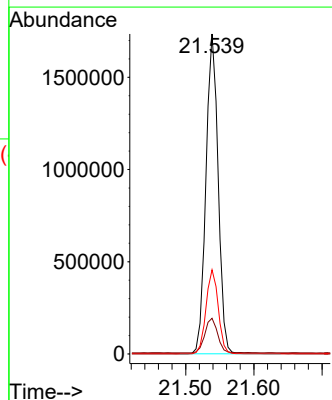
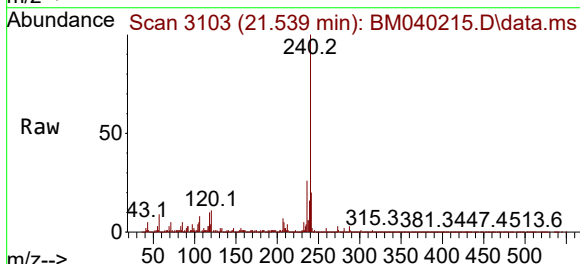
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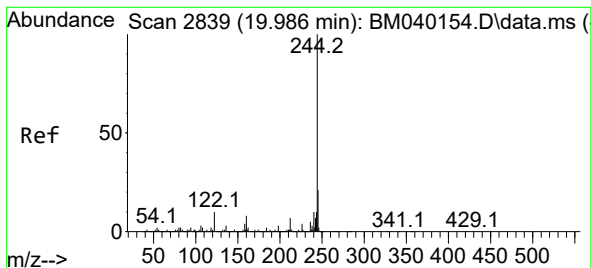
Tgt Ion:188 Resp: 2220467
Ion Ratio Lower Upper
188 100
94 8.9 8.9 13.3
80 9.2 9.6 14.4#



#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

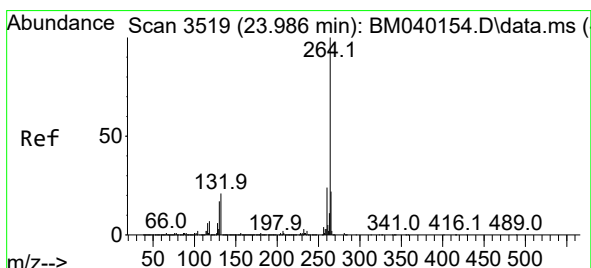
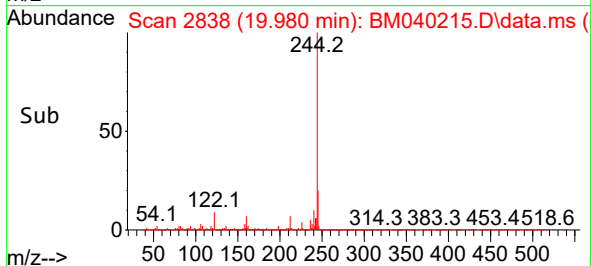
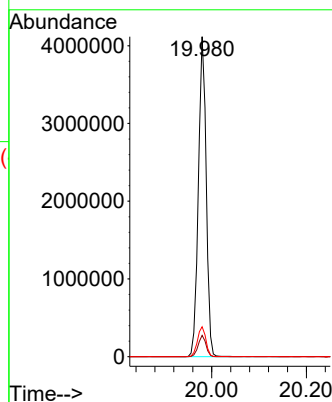
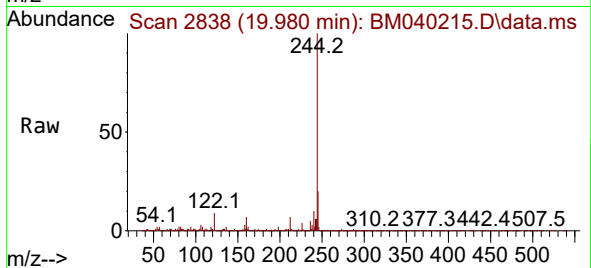
Tgt Ion:244 Resp: 4703720

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

