

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
 Data File : BM040339.D
 Acq On : 21 Jun 2023 17:52
 Operator : MA/JU
 Sample : 03047-09RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-41RE

Quant Time: Jun 22 04:37:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 15:54:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	307874	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1257706	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	632099	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1102112	20.000	ng	0.00
76) Chrysene-d12	21.521	240	697837	20.000	ng	0.00
86) Perylene-d12	23.939	264	822474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	499536	25.157	ng	0.00
7) Phenol-d6	7.122	99	394089	14.557	ng	0.00
23) Nitrobenzene-d5	9.128	82	1296558	53.981	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	256218	29.057	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	2376987	51.617	ng	0.00
79) Terphenyl-d14	19.962	244	2101482	58.514	ng	0.00

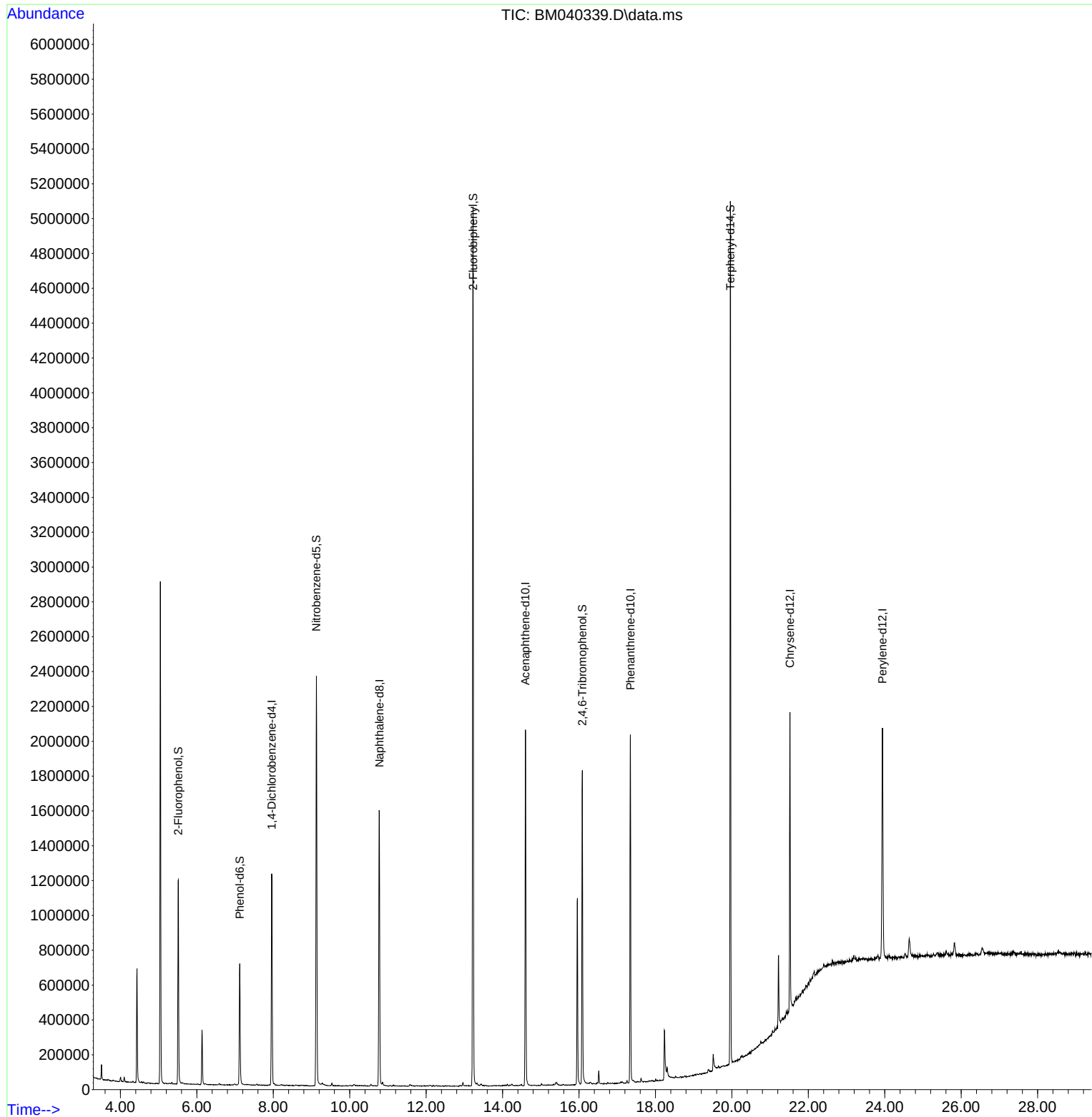
Target Compounds	Qvalue

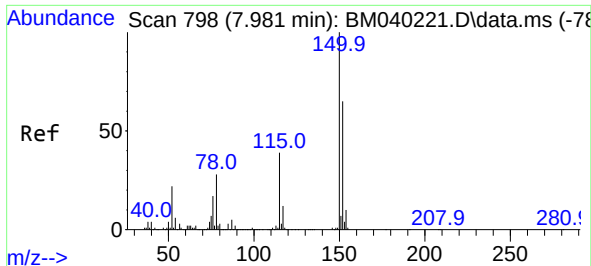
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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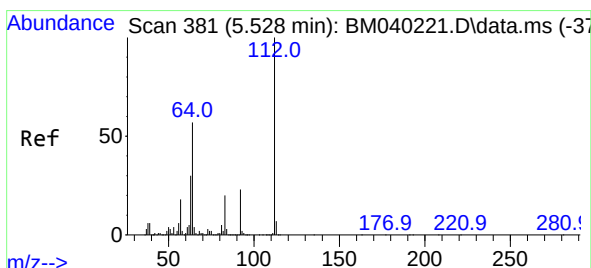
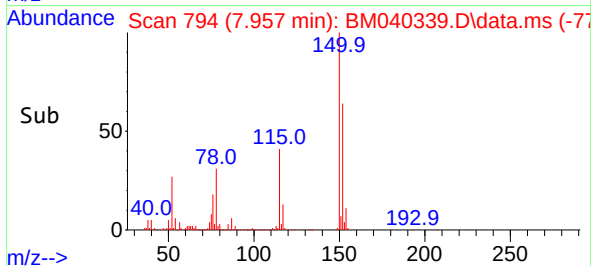
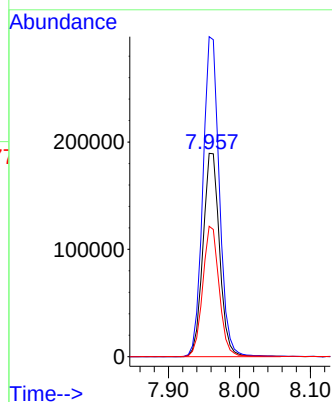
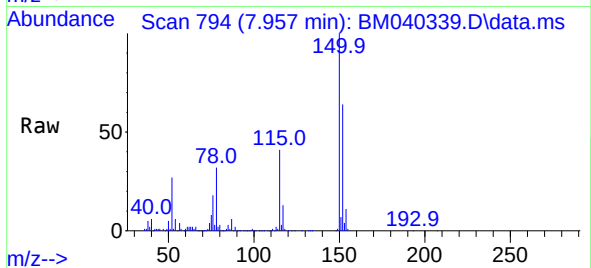




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

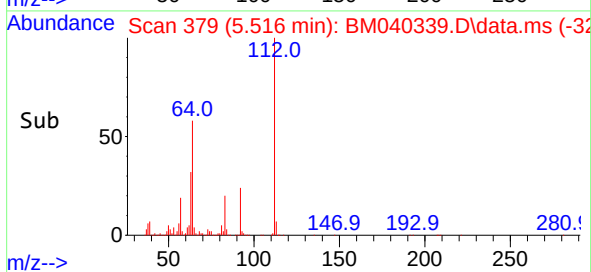
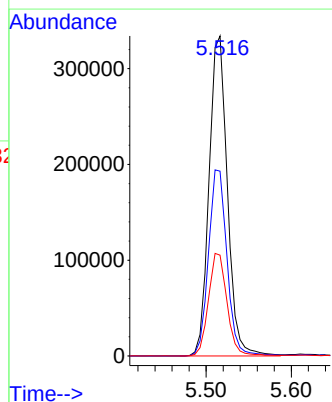
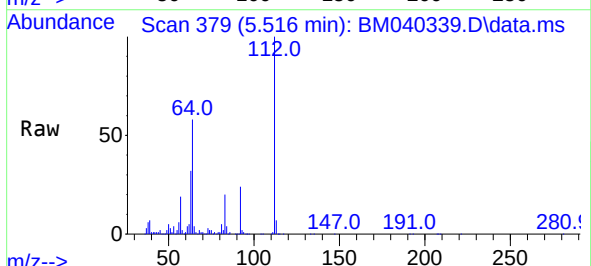
Instrument :
BNA_M
ClientSampleId :
MW-41RE

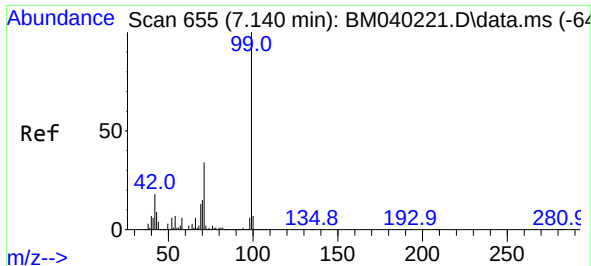
Tgt Ion:152 Resp: 307874
Ion Ratio Lower Upper
152 100
150 157.4 122.5 183.7
115 64.2 47.9 71.9



#5
2-Fluorophenol
Concen: 25.157 ng
RT: 5.516 min Scan# 379
Delta R.T. -0.000 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

Tgt Ion:112 Resp: 499536
Ion Ratio Lower Upper
112 100
64 57.8 45.2 67.8
63 31.5 24.2 36.4

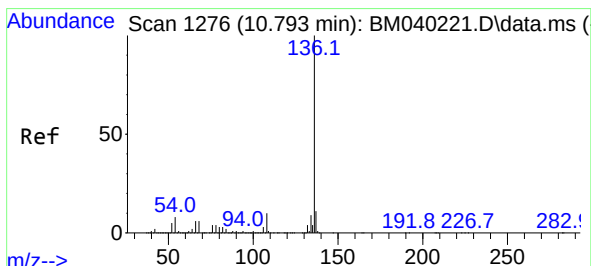
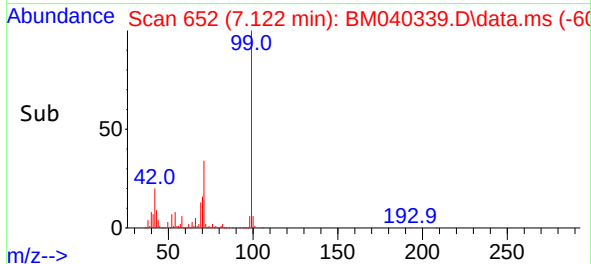
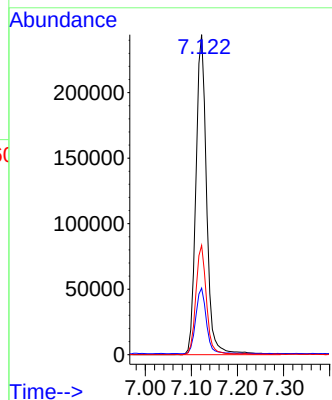
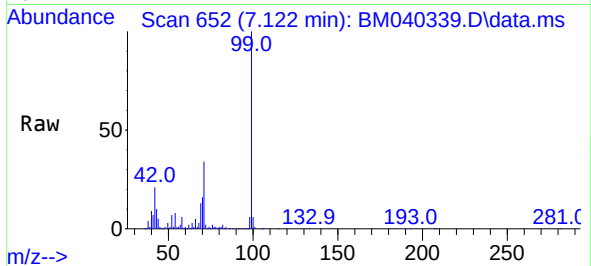




#7
Phenol-d6
Concen: 14.557 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

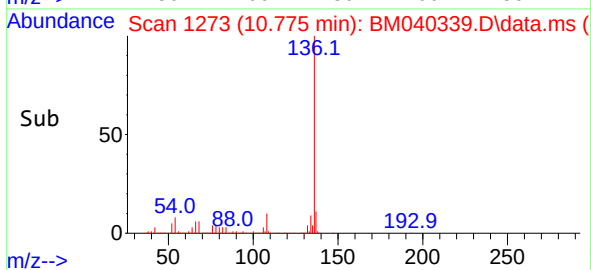
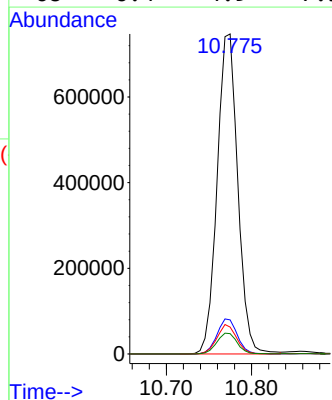
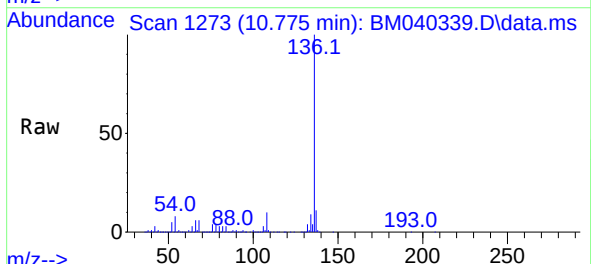
Instrument :
BNA_M
ClientSampleId :
MW-41RE

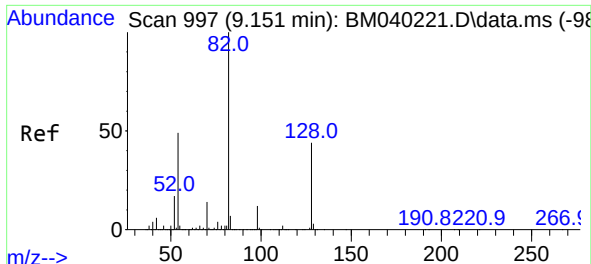
Tgt Ion: 99 Resp: 394089
Ion Ratio Lower Upper
99 100
42 20.8 14.5 21.7
71 34.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

Tgt Ion: 136 Resp: 1257706
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.4 6.2 9.4
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 53.981 ng

RT: 9.128 min Scan# 997

Delta R.T. -0.006 min

Lab File: BM040339.D

Acq: 21 Jun 2023 17:52

Instrument :

BNA_M

ClientSampleId :

MW-41RE

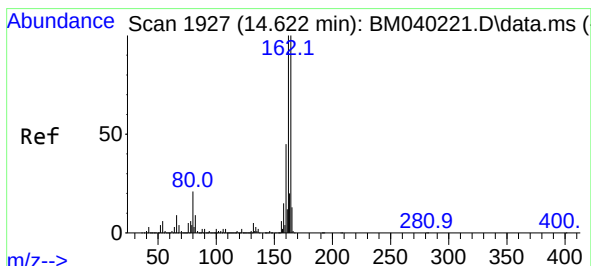
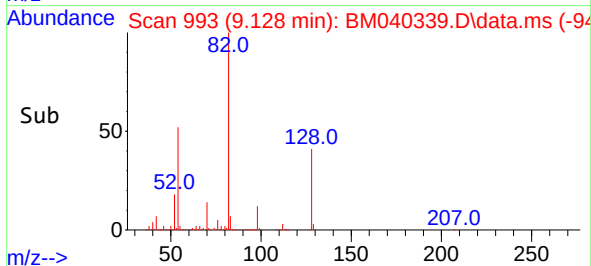
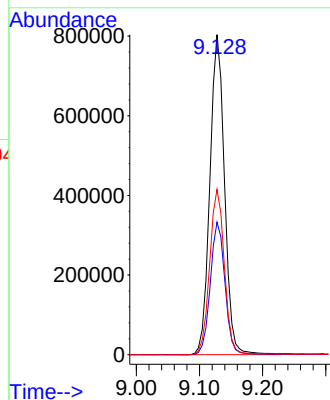
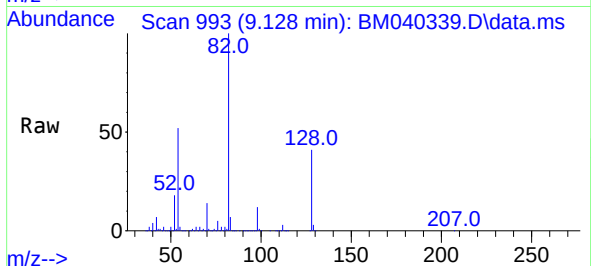
Tgt Ion: 82 Resp: 1296558

Ion Ratio Lower Upper

82 100

128 41.4 35.3 52.9

54 51.7 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BM040339.D

Acq: 21 Jun 2023 17:52

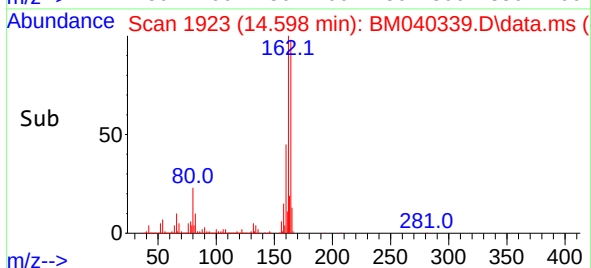
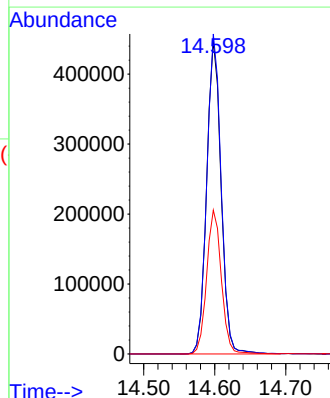
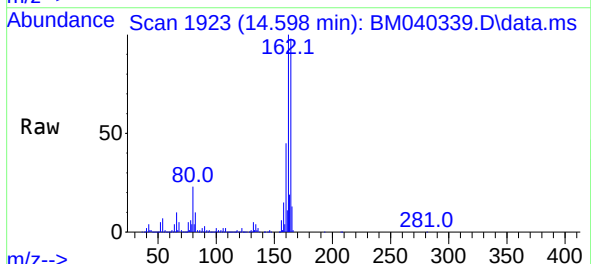
Tgt Ion:164 Resp: 632099

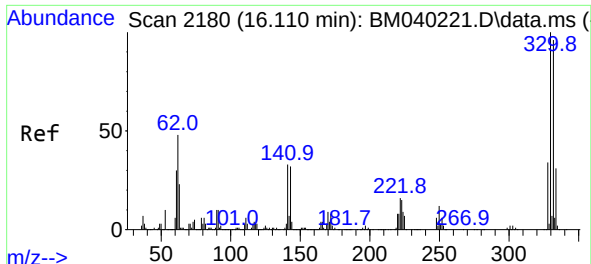
Ion Ratio Lower Upper

164 100

162 102.2 79.9 119.9

160 46.0 36.2 54.2

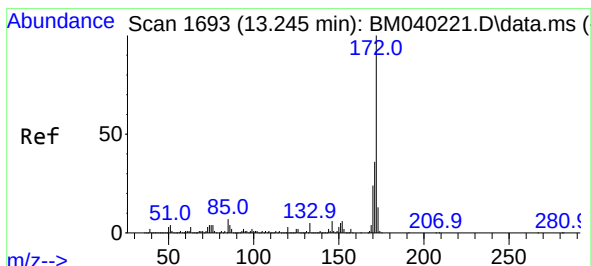
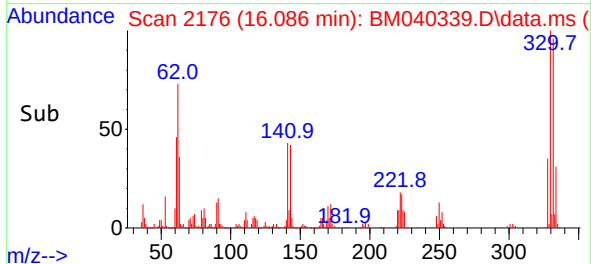
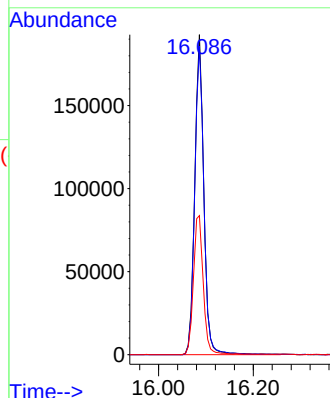
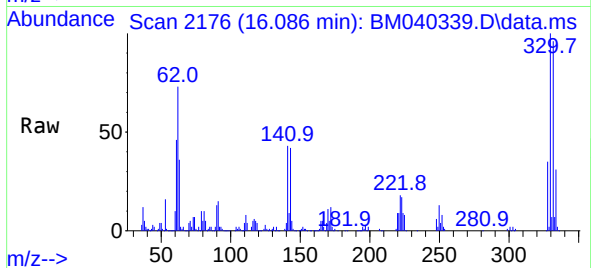




#42
2,4,6-Tribromophenol
Concen: 29.057 ng
RT: 16.086 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

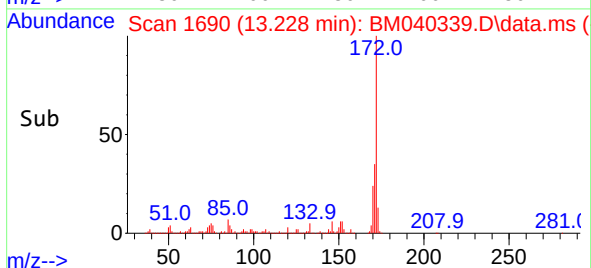
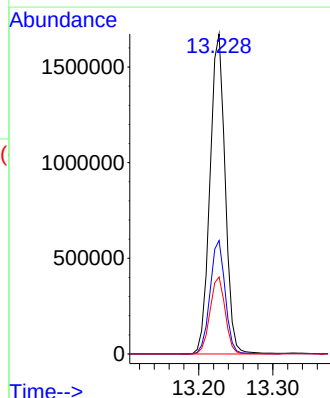
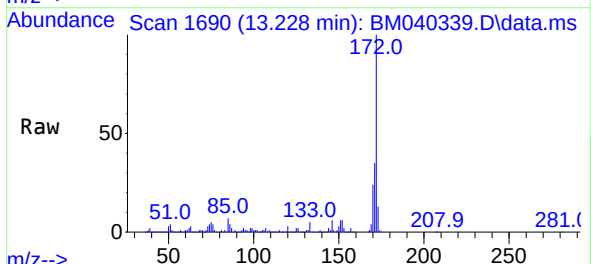
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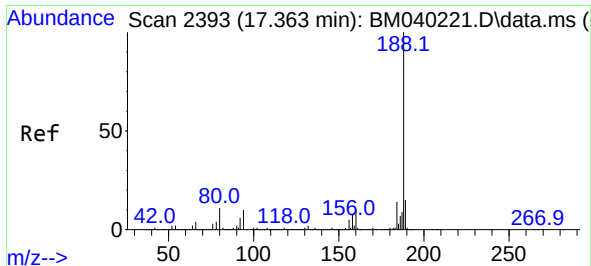
Tgt Ion:330 Resp: 256218
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 47.1 30.0 45.0#



#45
2-Fluorobiphenyl
Concen: 51.617 ng
RT: 13.228 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

Tgt Ion:172 Resp: 2376987
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.1 19.5 29.3

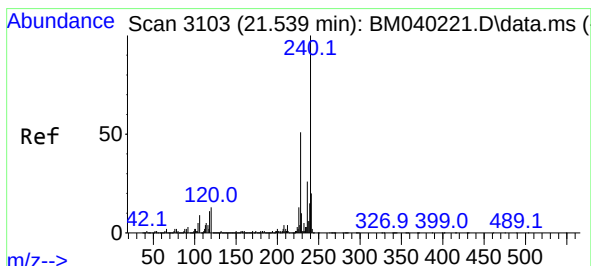
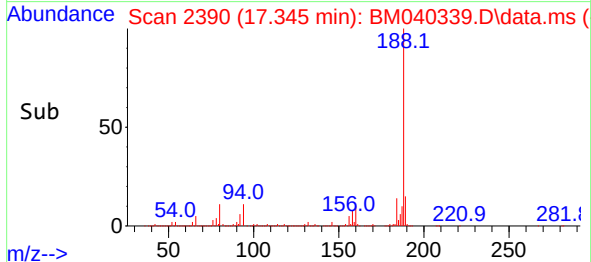
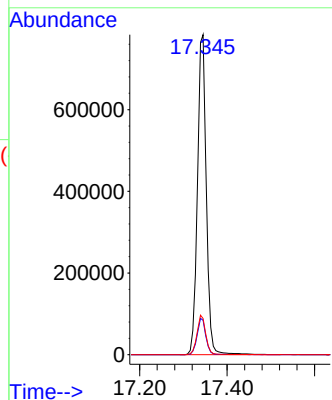
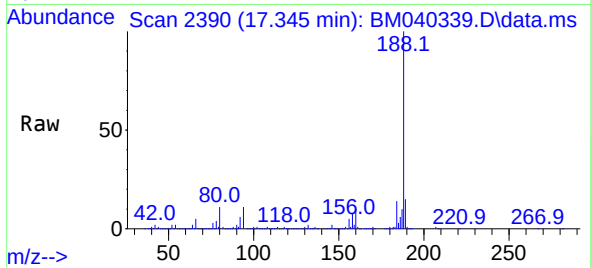




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

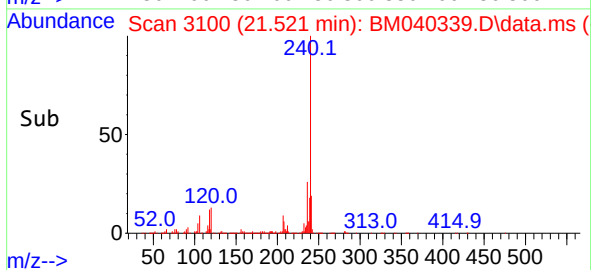
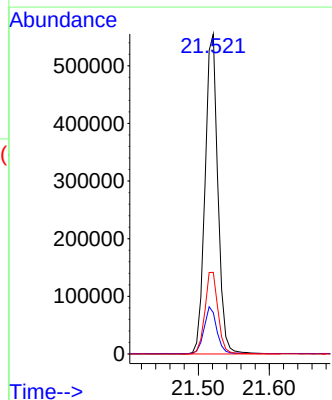
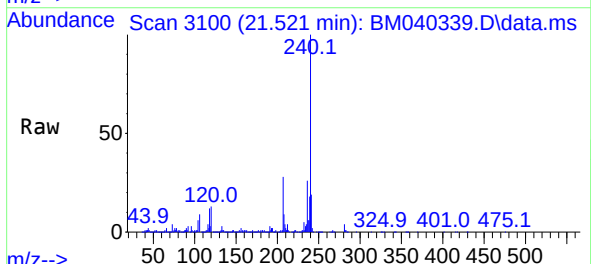
Instrument :
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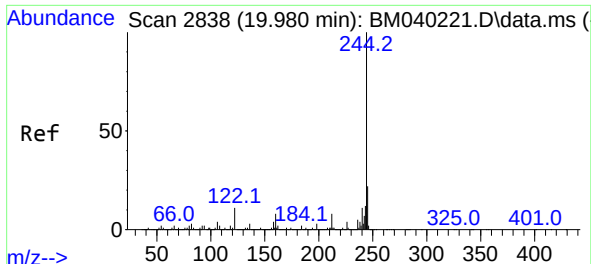
Tgt Ion:188 Resp: 1102112
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 11.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

Tgt Ion:240 Resp: 697837
Ion Ratio Lower Upper
240 100
120 12.9 10.1 15.1
236 25.5 21.0 31.4

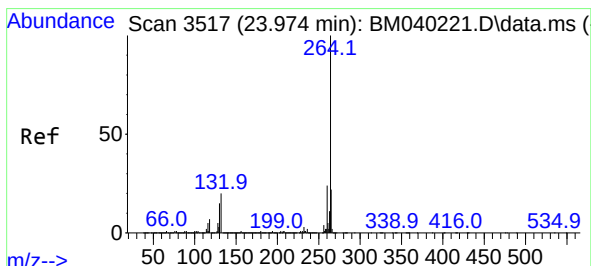
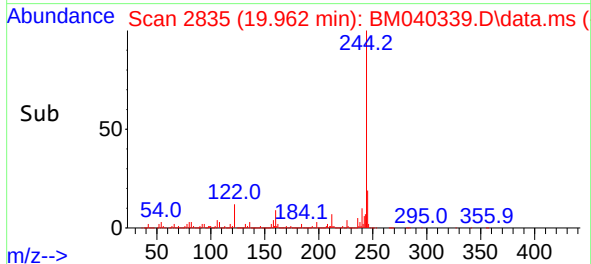
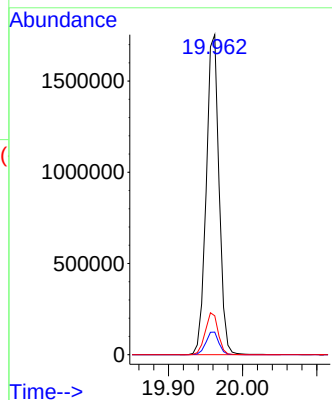
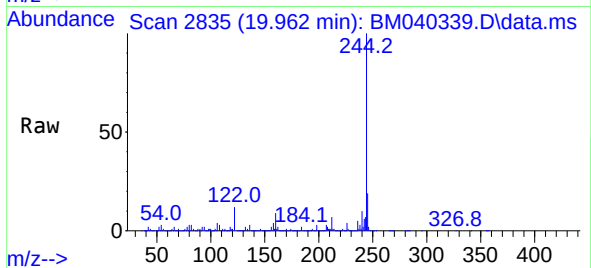




#79
Terphenyl-d14
Concen: 58.514 ng
RT: 19.962 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

Instrument :
BNA_M
ClientSampleId :
MW-41RE

Tgt Ion:244 Resp: 2101482
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.939 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BM040339.D
Acq: 21 Jun 2023 17:52

Tgt Ion:264 Resp: 822474
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 22.2 17.5 26.3

