

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
 Data File : BM039235.D
 Acq On : 30 Mar 2023 20:22
 Operator : CG/JU
 Sample : 02117-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-8-032823

Quant Time: Mar 31 02:41:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	199843	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	800632	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	458177	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	962618	20.000	ng	0.00
76) Chrysene-d12	21.497	240	917550	20.000	ng	0.00
86) Perylene-d12	23.915	264	1061165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1561442	117.716	ng	0.00
7) Phenol-d6	7.092	99	1971988	114.941	ng	0.00
23) Nitrobenzene-d5	9.092	82	1213854	73.687	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	659478	113.388	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	2442668	72.234	ng	0.00
79) Terphenyl-d14	19.939	244	3671805	73.935	ng	0.00

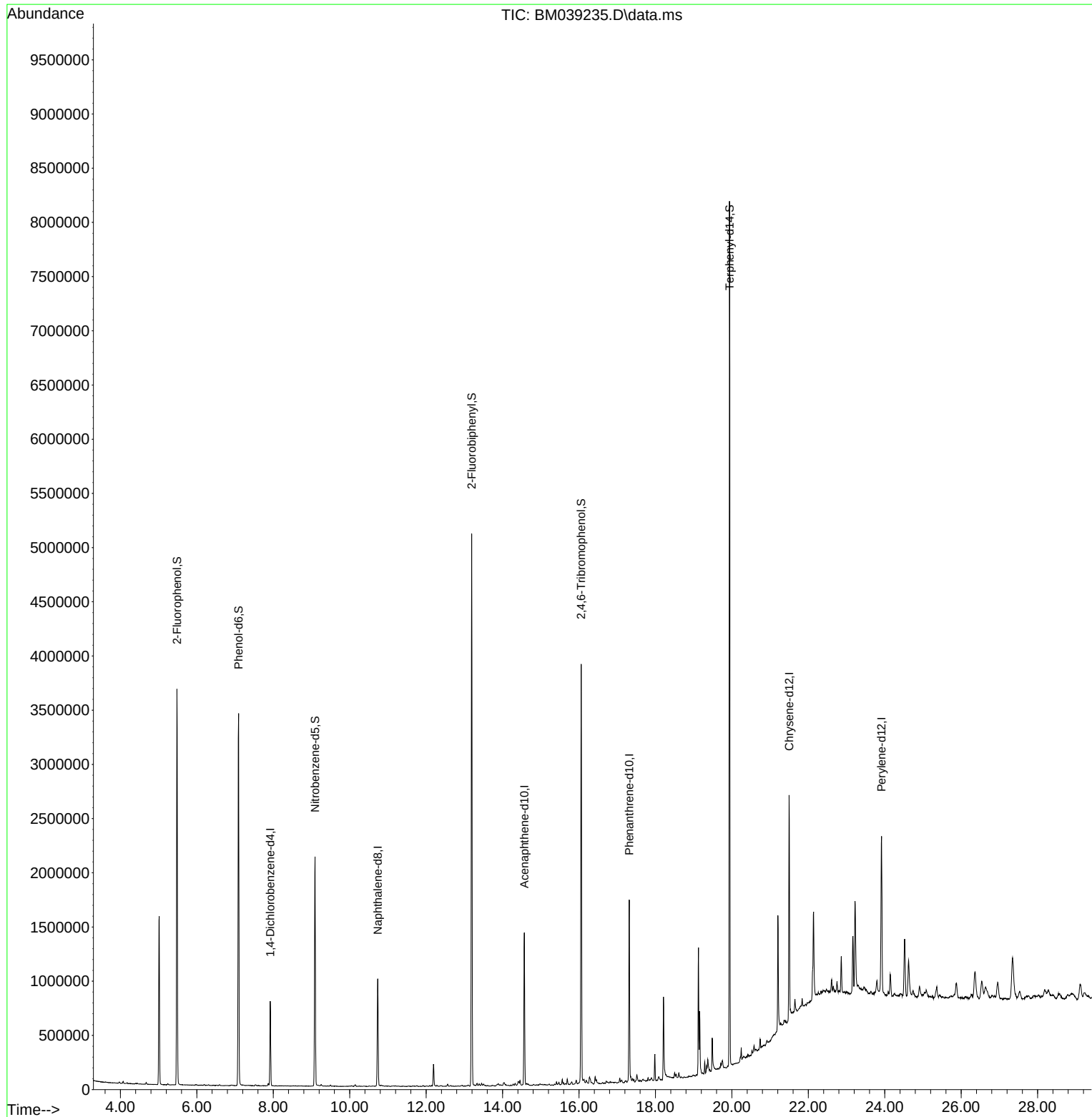
Target Compounds	Qvalue

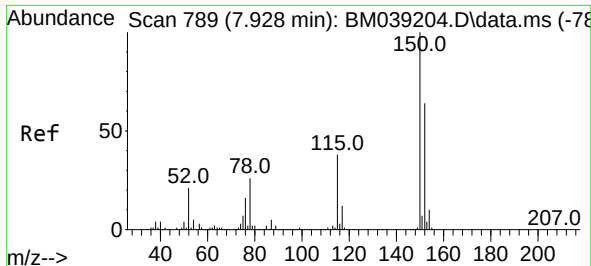
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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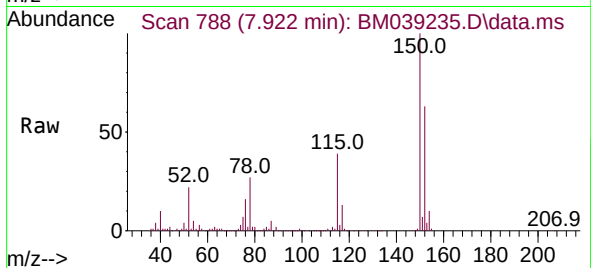
Quant Time: Mar 31 02:41:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
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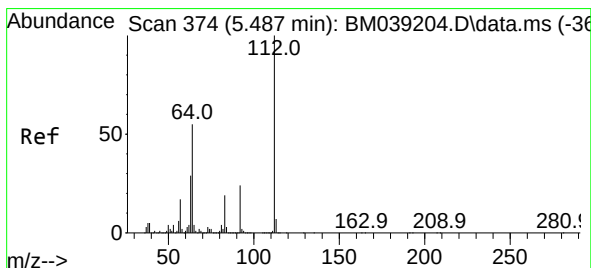
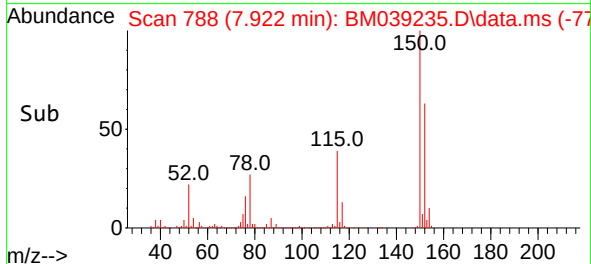
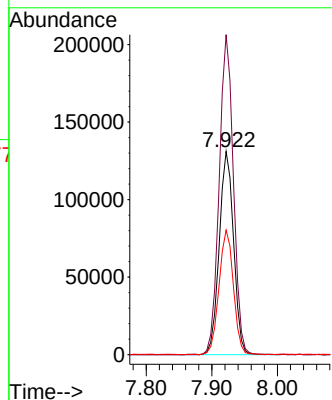


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM039235.D
Acq: 30 Mar 2023 20:22

Instrument :
BNA_M
ClientSampleId :
NB-8-032823

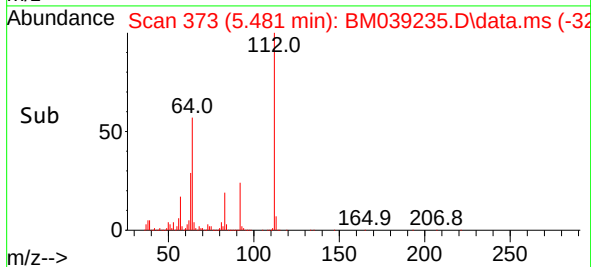
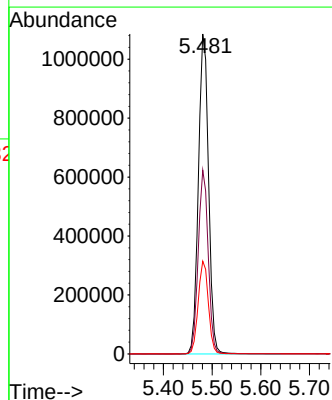
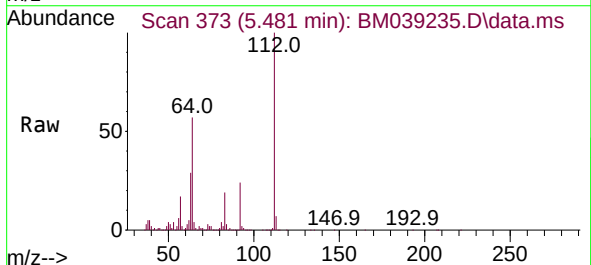


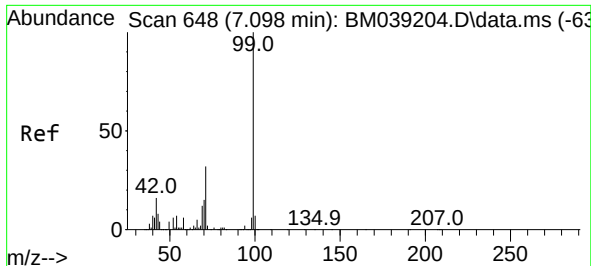
Tgt Ion:152 Resp: 199843
Ion Ratio Lower Upper
152 100
150 157.6 125.5 188.3
115 61.3 48.1 72.1



#5
2-Fluorophenol
Concen: 117.716 ng
RT: 5.481 min Scan# 373
Delta R.T. -0.006 min
Lab File: BM039235.D
Acq: 30 Mar 2023 20:22

Tgt Ion:112 Resp: 1561442
Ion Ratio Lower Upper
112 100
64 57.4 44.3 66.5
63 29.0 23.0 34.6

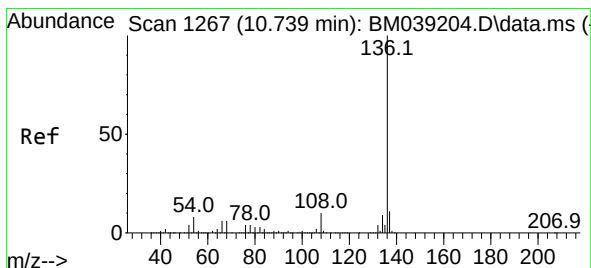
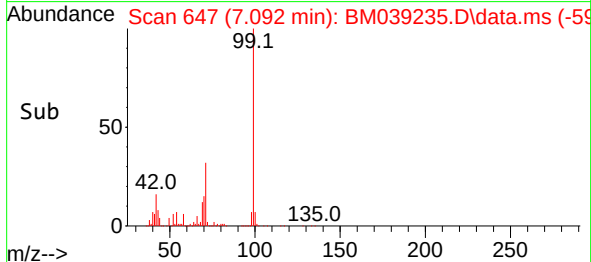
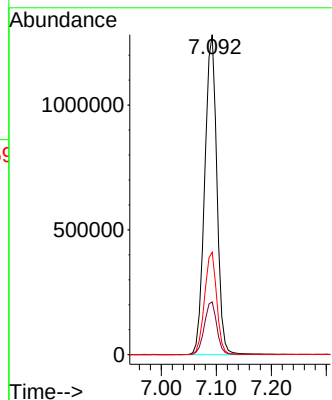
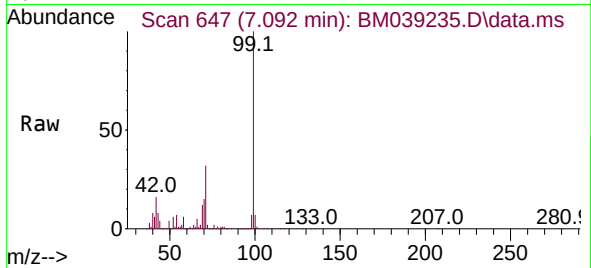




#7
Phenol-d6
Concen: 114.941 ng
RT: 7.092 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039235.D
Acq: 30 Mar 2023 20:22

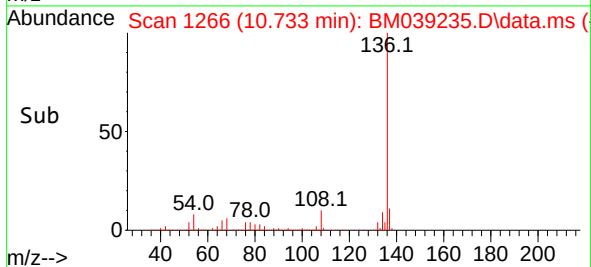
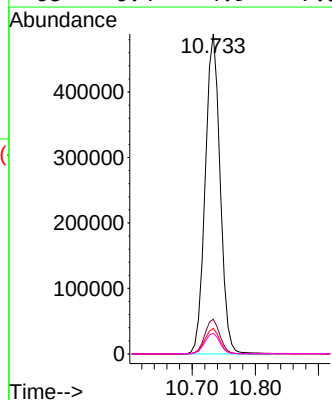
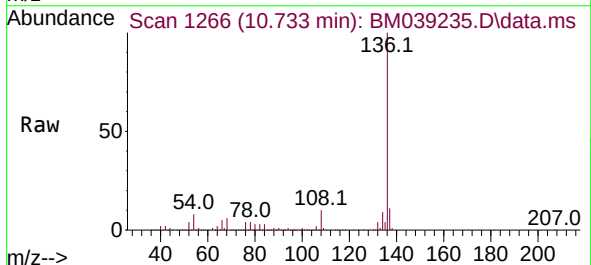
Instrument :
BNA_M
ClientSampleId :
NB-8-032823

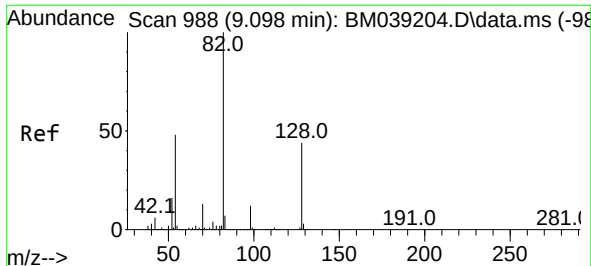
Tgt Ion: 99 Resp: 1971988
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.6
71 32.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BM039235.D
Acq: 30 Mar 2023 20:22

Tgt Ion:136 Resp: 800632
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.0 6.2 9.4
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 73.687 ng

RT: 9.092 min Scan# 98

Delta R.T. -0.006 min

Lab File: BM039235.D

Acq: 30 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

NB-8-032823

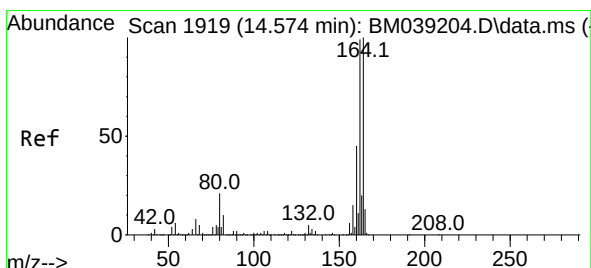
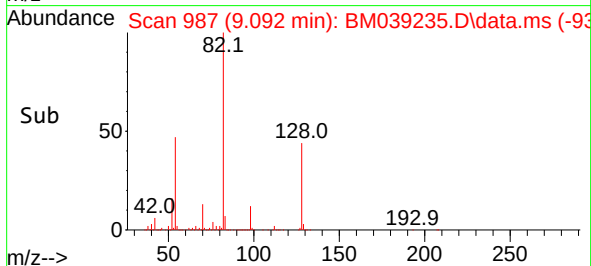
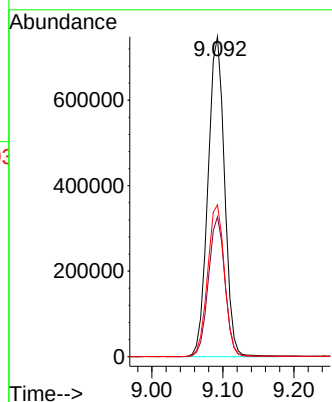
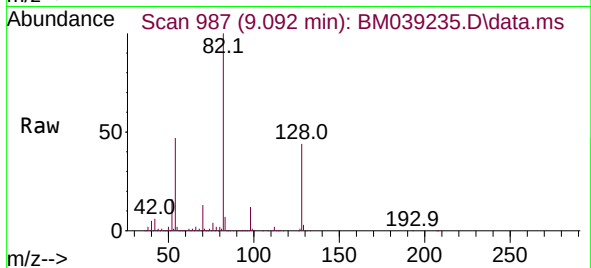
Tgt Ion: 82 Resp: 1213854

Ion Ratio Lower Upper

82 100

128 43.7 35.1 52.7

54 47.4 38.5 57.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BM039235.D

Acq: 30 Mar 2023 20:22

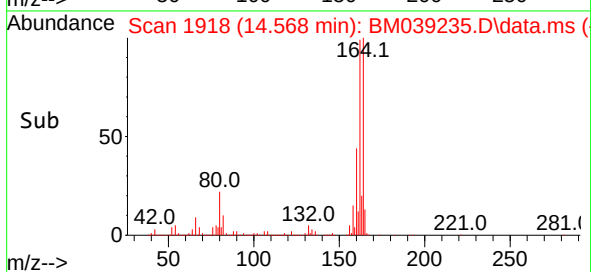
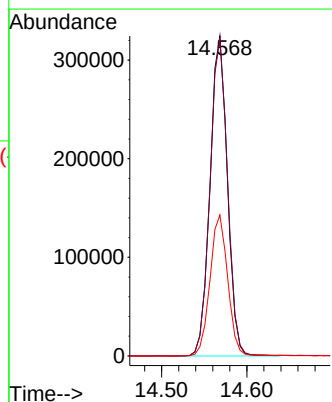
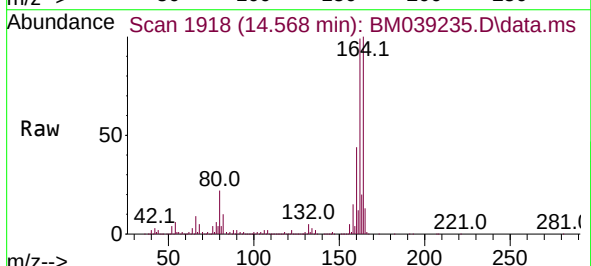
Tgt Ion:164 Resp: 458177

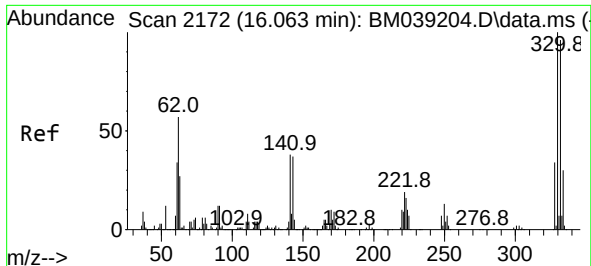
Ion Ratio Lower Upper

164 100

162 99.1 79.1 118.7

160 44.0 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 113.388 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039235.D

Acq: 30 Mar 2023 20:22

Instrument :

BNA_M

ClientSampleId :

NB-8-032823

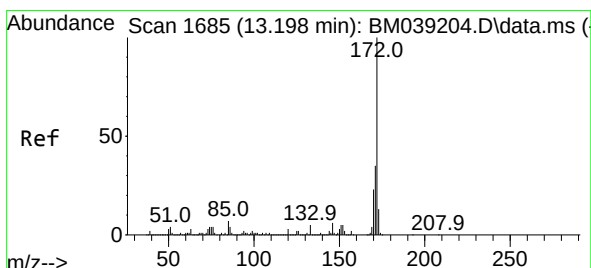
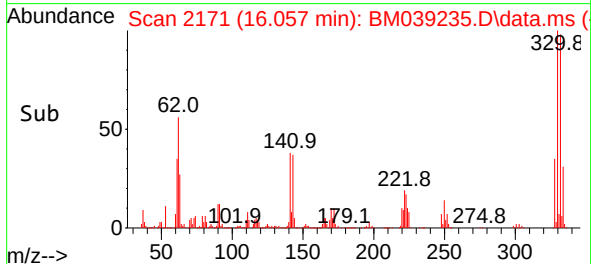
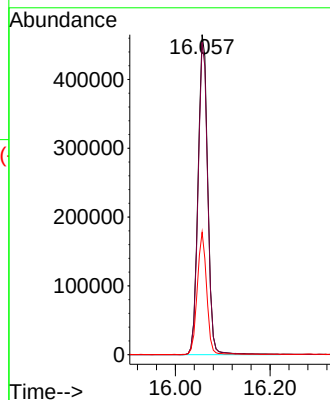
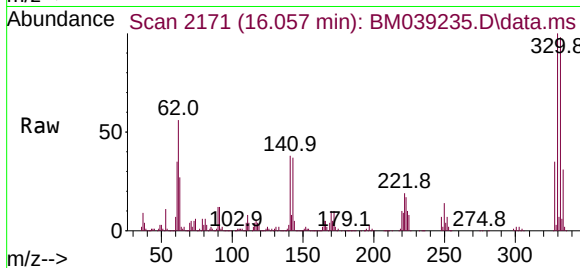
Tgt Ion:330 Resp: 659478

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 37.2 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 72.234 ng

RT: 13.192 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM039235.D

Acq: 30 Mar 2023 20:22

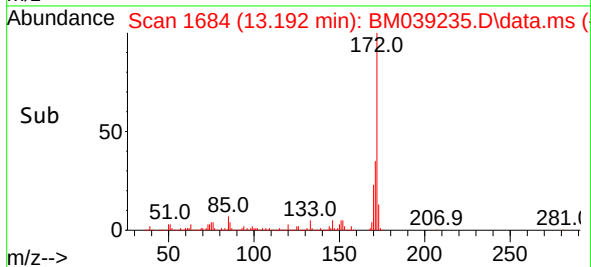
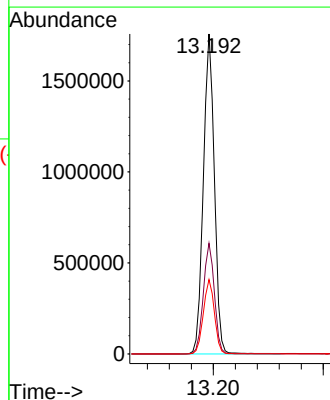
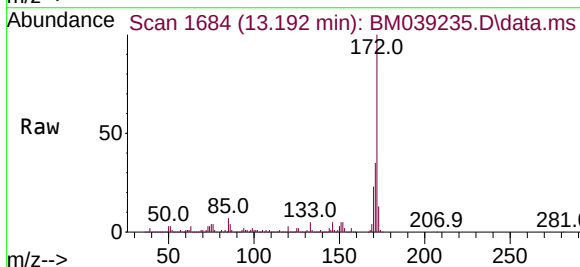
Tgt Ion:172 Resp: 2442668

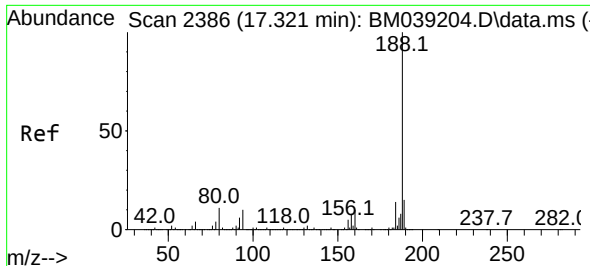
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.2 18.7 28.1

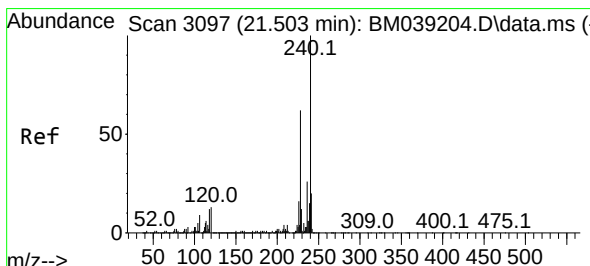
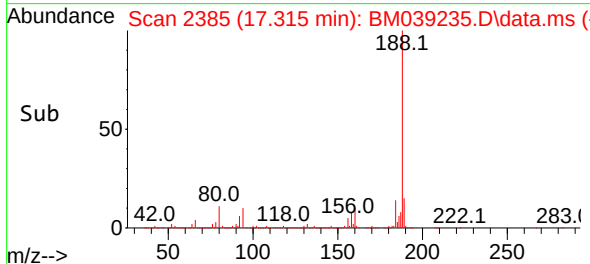
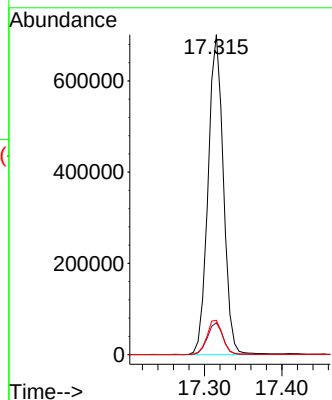
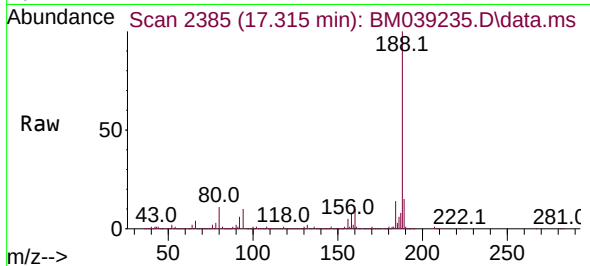




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BM039235.D
Acq: 30 Mar 2023 20:22

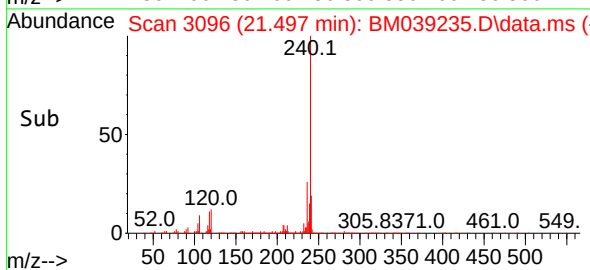
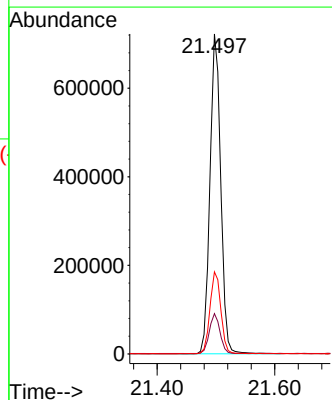
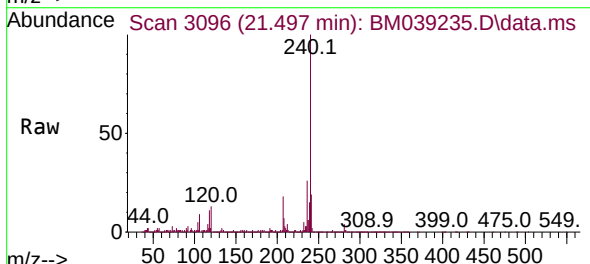
Instrument :
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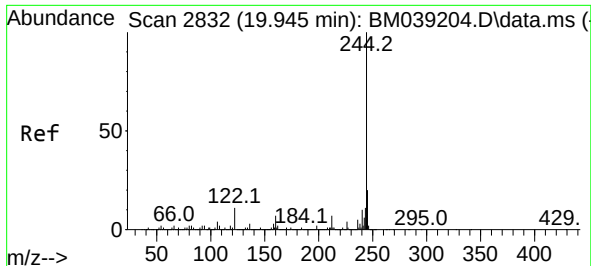
Tgt Ion:188 Resp: 962618
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.4
80 10.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.497 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM039235.D
Acq: 30 Mar 2023 20:22

Tgt Ion:240 Resp: 917550
Ion Ratio Lower Upper
240 100
120 12.6 10.2 15.2
236 25.7 20.9 31.3

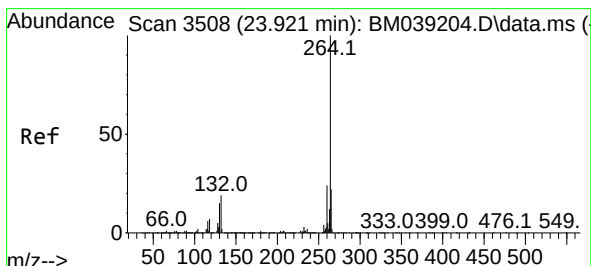
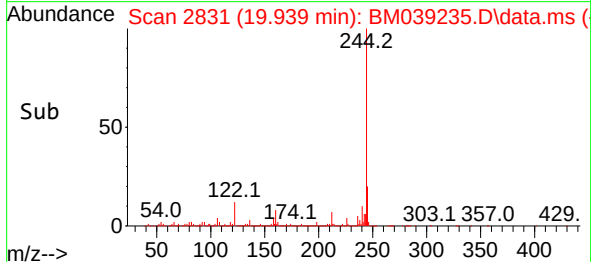
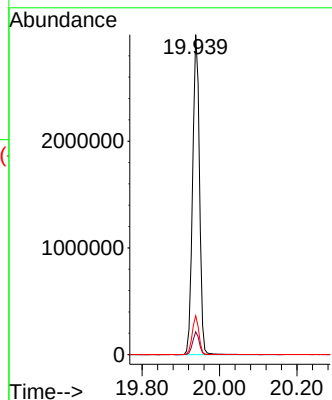
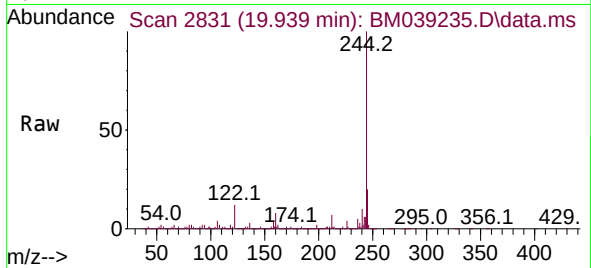




#79
 Terphenyl-d14
 Concen: 73.935 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039235.D
 Acq: 30 Mar 2023 20:22

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 3671805
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.915 min Scan# 3507
 Delta R.T. -0.006 min
 Lab File: BM039235.D
 Acq: 30 Mar 2023 20:22

Tgt Ion:264 Resp: 1061165
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.5 18.1 27.1

