

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031723\
 Data File : BM039034.D
 Acq On : 17 Mar 2023 14:24
 Operator : CG/JU
 Sample : 01923-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-1RE

Quant Time: Mar 17 15:04:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	276236	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1059545	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	580455	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1194662	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1185158	20.000	ng	0.00
86) Perylene-d12	23.980	264	1375511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	768195	42.251	ng	0.00
7) Phenol-d6	7.128	99	570143	24.142	ng	0.00
23) Nitrobenzene-d5	9.145	82	1980095	91.798	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	590159	87.887	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	3842739	86.182	ng	0.00
79) Terphenyl-d14	19.980	244	4736471	73.069	ng	0.00

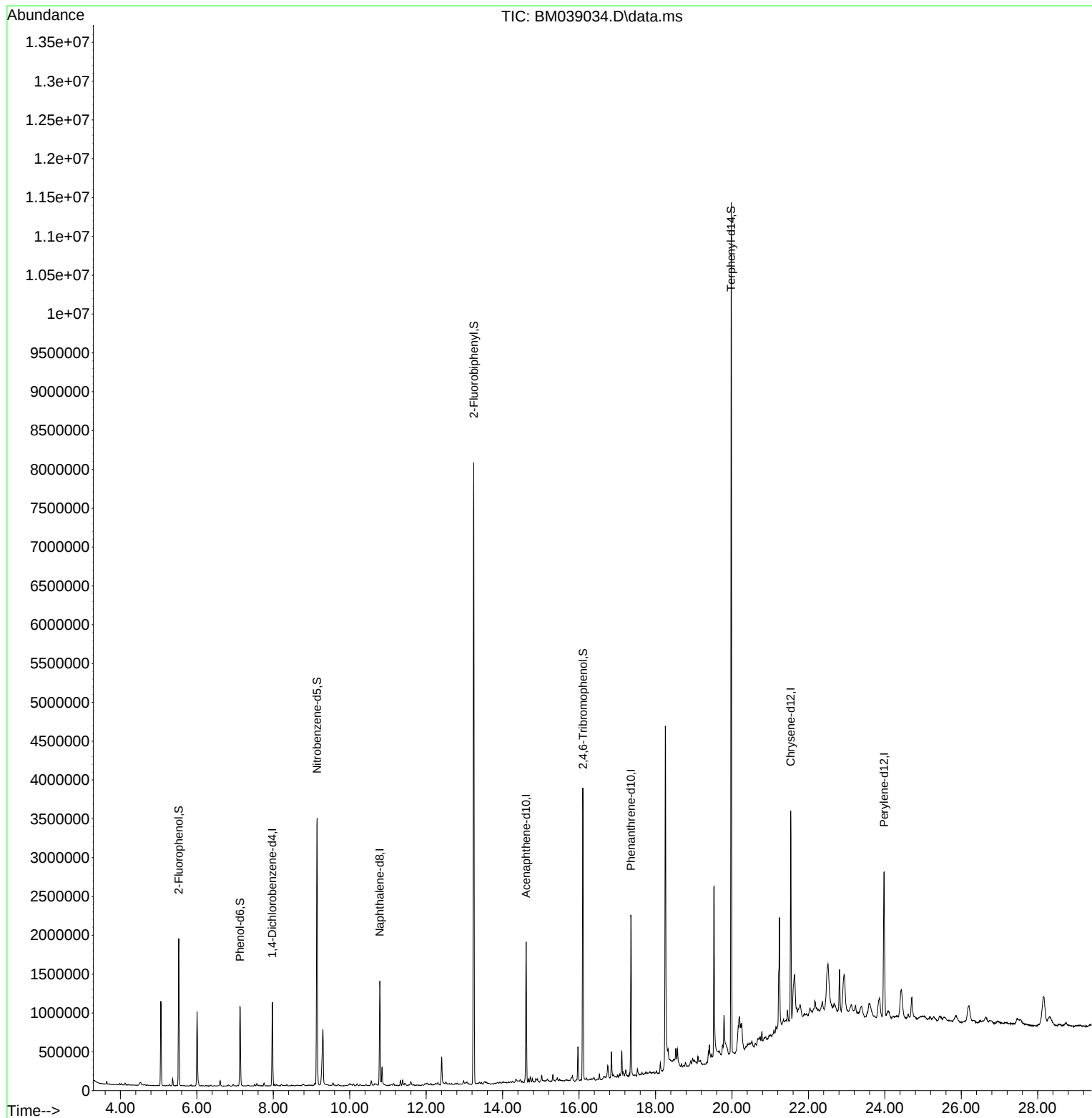
Target Compounds	Qvalue

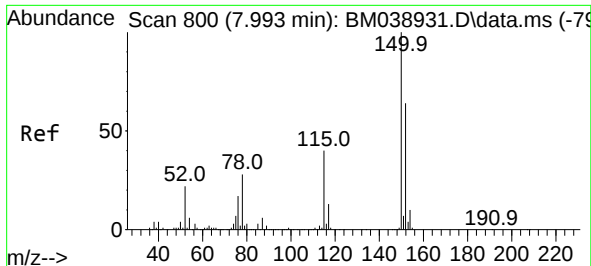
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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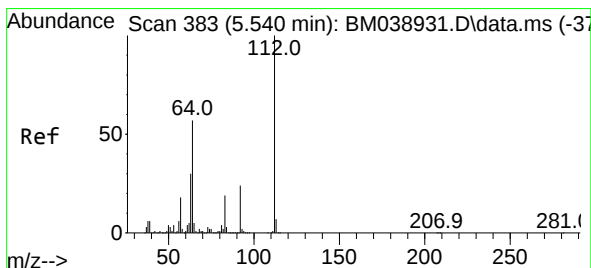
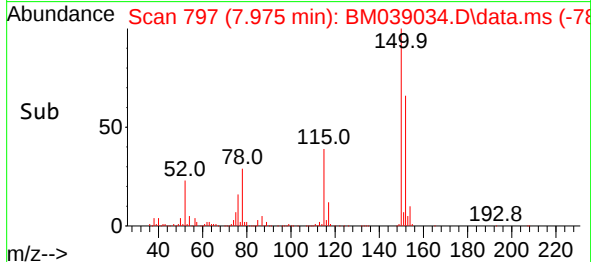
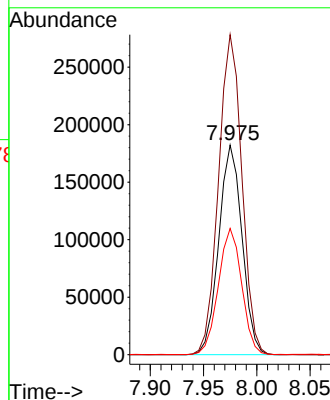
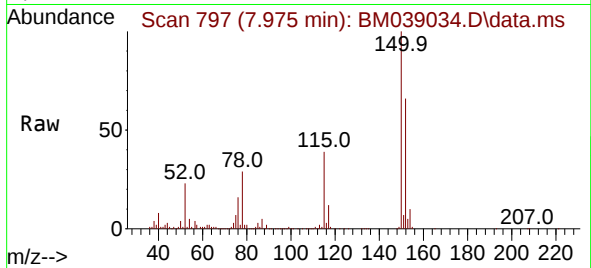




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039034.D
Acq: 17 Mar 2023 14:24

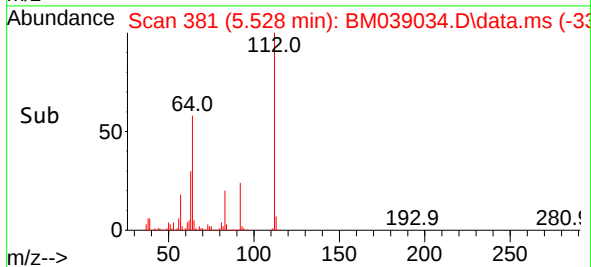
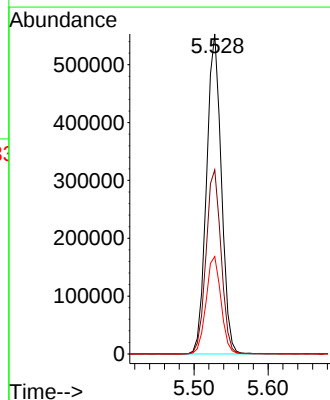
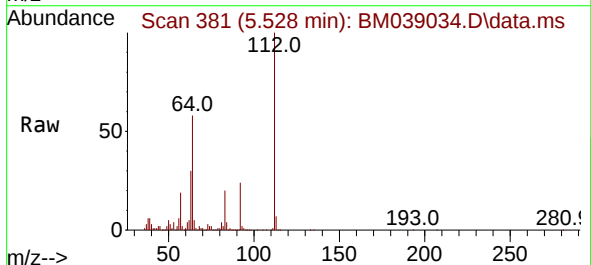
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1RE

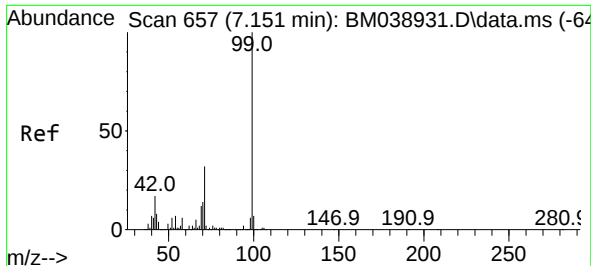
Tgt Ion:152 Resp: 276236
Ion Ratio Lower Upper
152 100
150 152.6 125.1 187.7
115 60.2 49.6 74.4



#5
2-Fluorophenol
Concen: 42.251 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039034.D
Acq: 17 Mar 2023 14:24

Tgt Ion:112 Resp: 768195
Ion Ratio Lower Upper
112 100
64 57.5 45.9 68.9
63 30.4 23.8 35.8

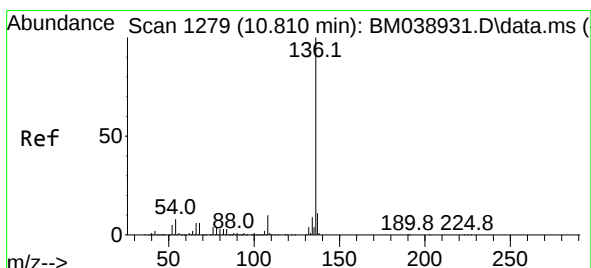
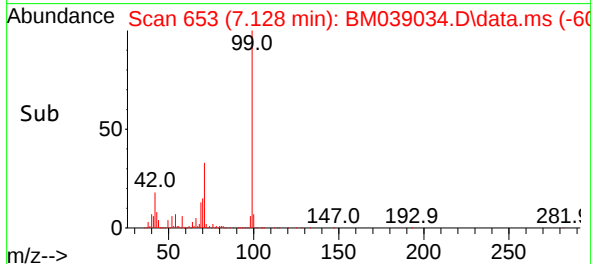
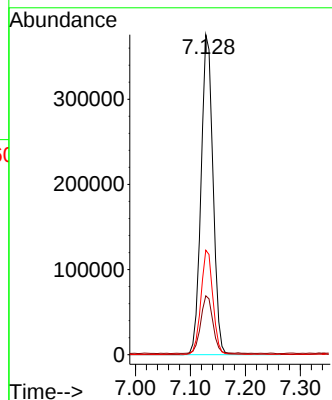
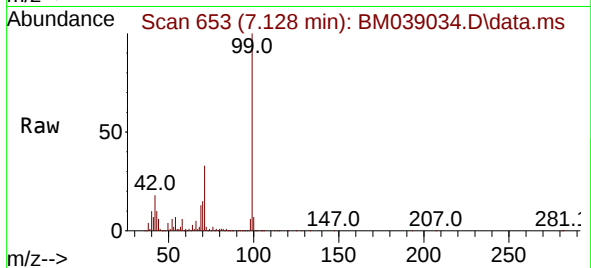




#7
Phenol-d6
Concen: 24.142 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039034.D
Acq: 17 Mar 2023 14:24

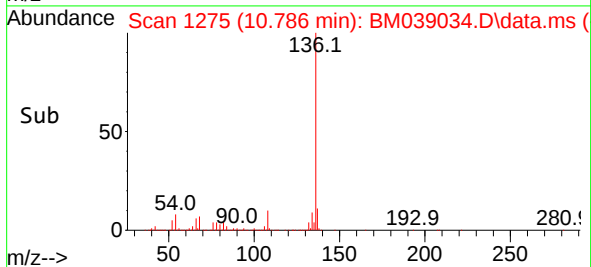
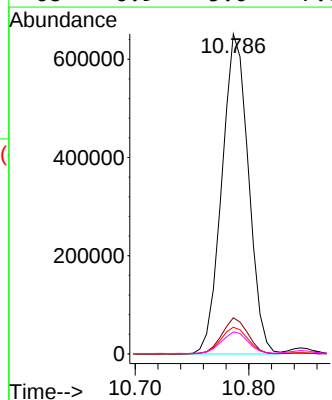
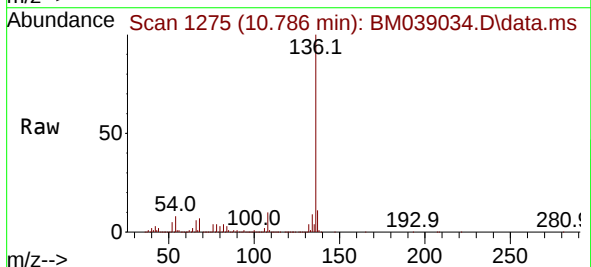
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1RE

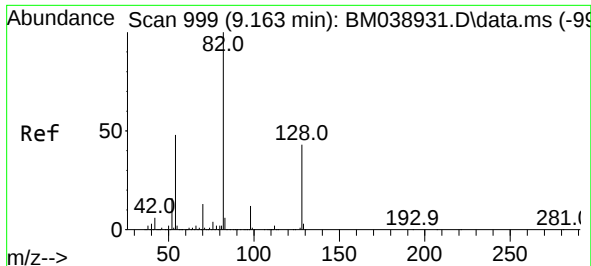
Tgt Ion: 99 Resp: 570143
Ion Ratio Lower Upper
99 100
42 18.4 13.5 20.3
71 32.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039034.D
Acq: 17 Mar 2023 14:24

Tgt Ion: 136 Resp: 1059545
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.3 6.3 9.5
68 6.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 91.798 ng

RT: 9.145 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039034.D

Acq: 17 Mar 2023 14:24

Instrument :

BNA_M

ClientSampleId :

SAMPLE-1RE

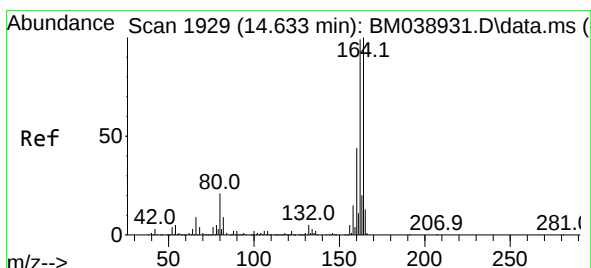
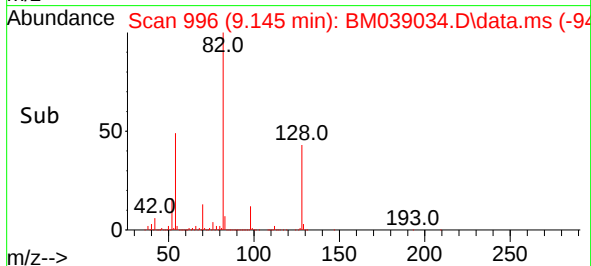
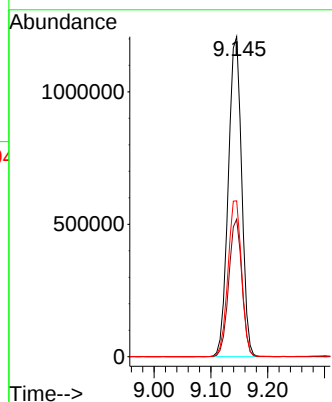
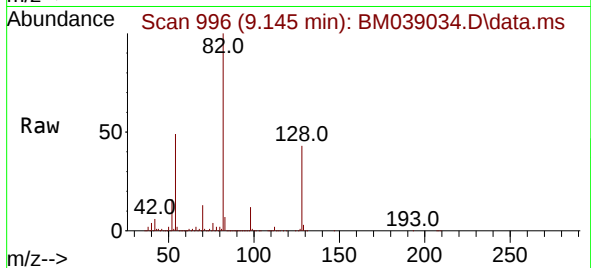
Tgt Ion: 82 Resp: 1980095

Ion Ratio Lower Upper

82 100

128 43.0 34.4 51.6

54 48.7 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BM039034.D

Acq: 17 Mar 2023 14:24

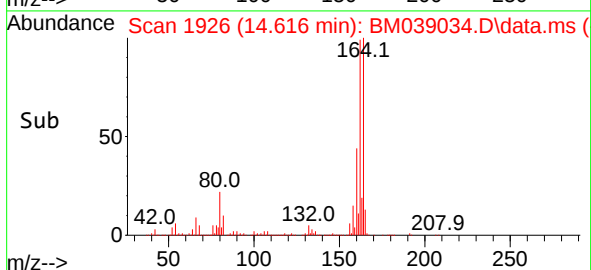
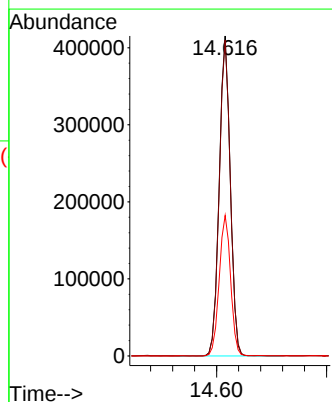
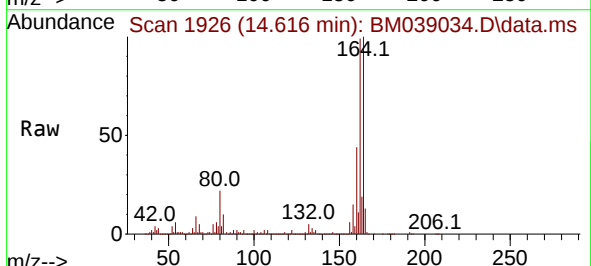
Tgt Ion:164 Resp: 580455

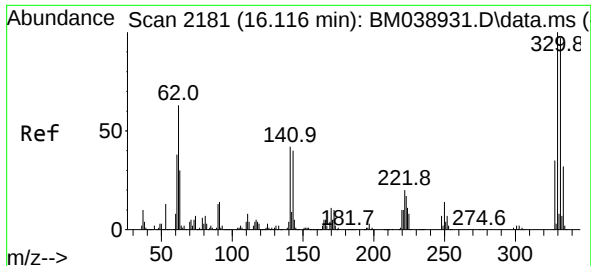
Ion Ratio Lower Upper

164 100

162 98.8 79.2 118.8

160 43.9 35.5 53.3

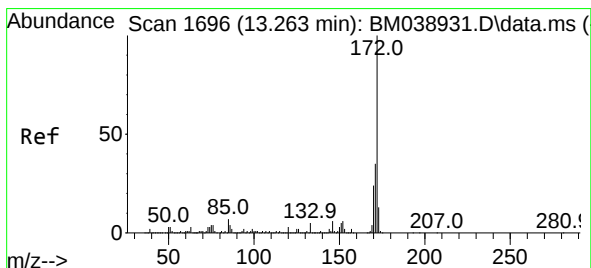
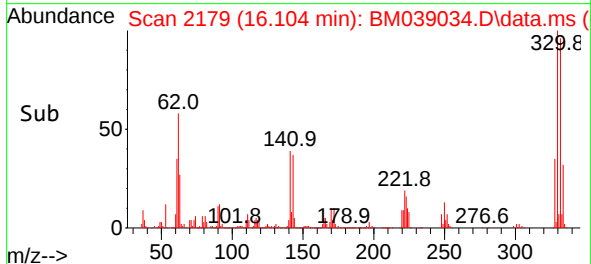
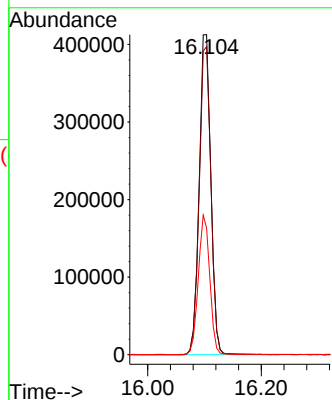
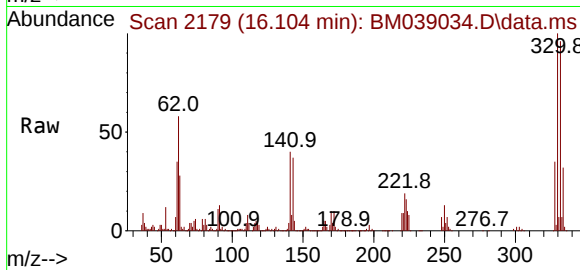




#42
2,4,6-Tribromophenol
Concen: 87.887 ng
RT: 16.104 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BM039034.D
Acq: 17 Mar 2023 14:24

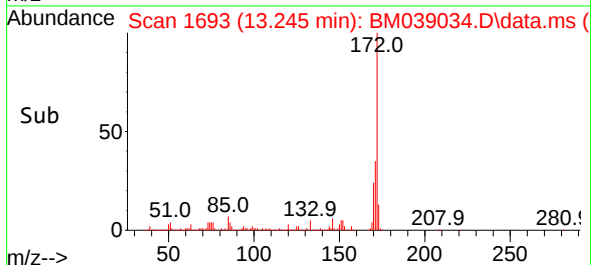
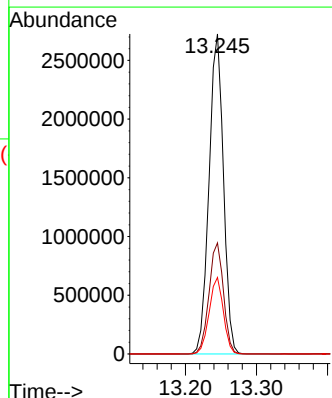
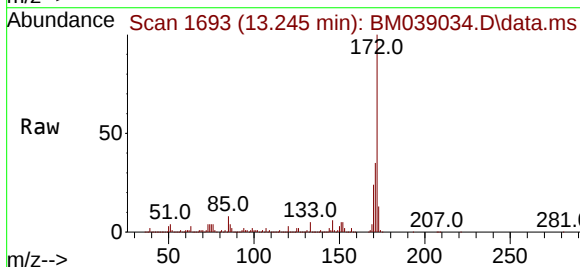
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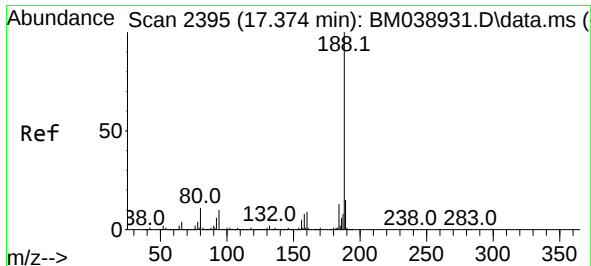
Tgt Ion:330 Resp: 590159
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 42.8 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 86.182 ng
RT: 13.245 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM039034.D
Acq: 17 Mar 2023 14:24

Tgt Ion:172 Resp: 3842739
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.9 19.1 28.7

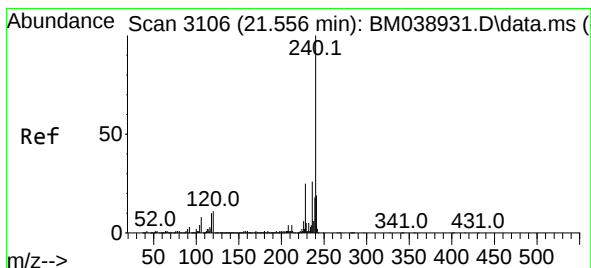
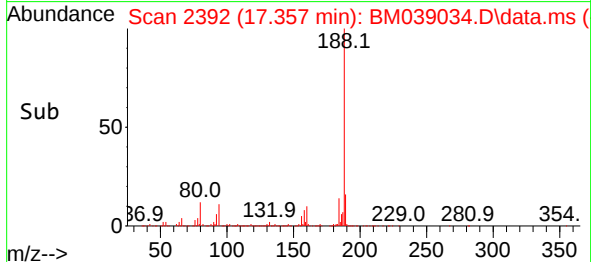
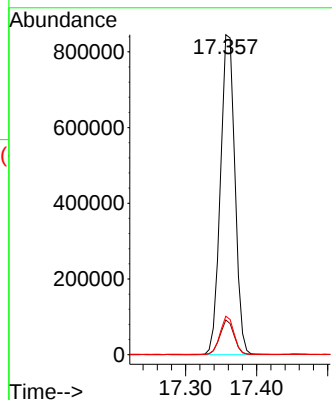
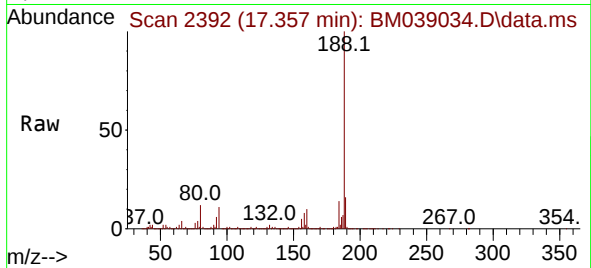




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039034.D
Acq: 17 Mar 2023 14:24

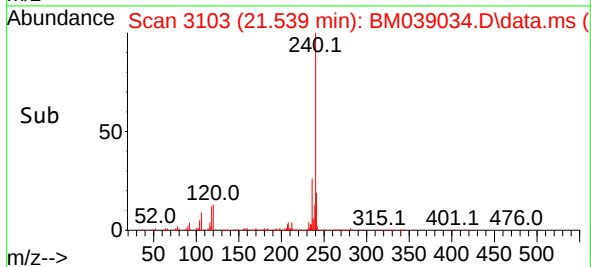
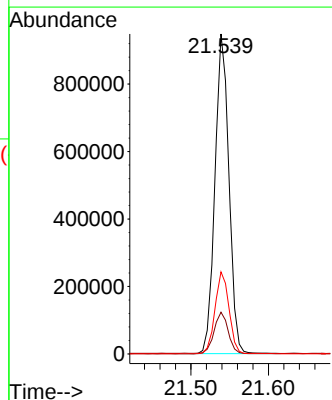
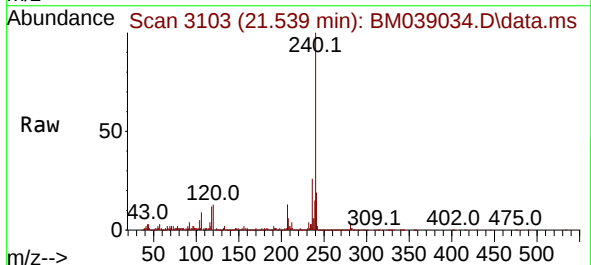
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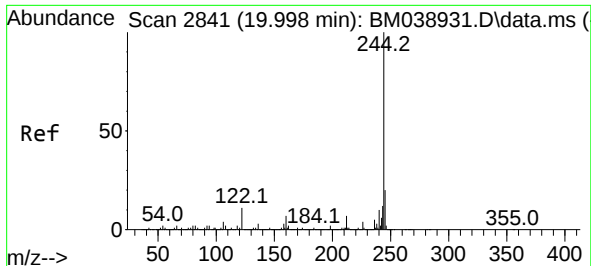
Tgt Ion:188 Resp: 1194662
Ion Ratio Lower Upper
188 100
94 10.9 7.9 11.9
80 12.0 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM039034.D
Acq: 17 Mar 2023 14:24

Tgt Ion:240 Resp: 1185158
Ion Ratio Lower Upper
240 100
120 13.0 9.2 13.8
236 25.6 20.8 31.2





#79
 Terphenyl-d14
 Concen: 73.069 ng
 RT: 19.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039034.D
 Acq: 17 Mar 2023 14:24

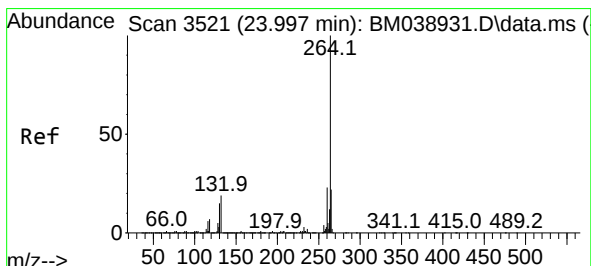
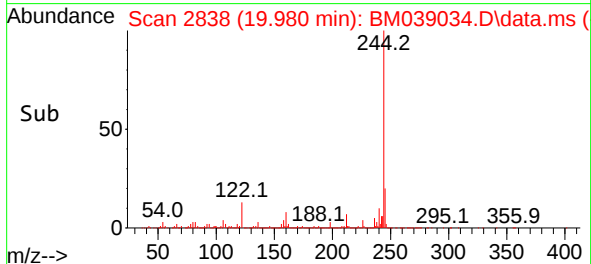
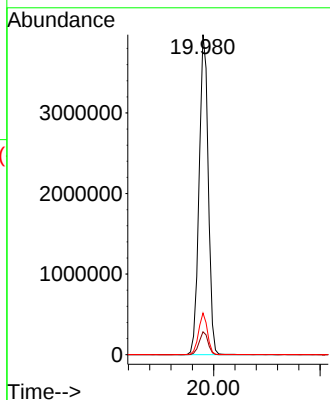
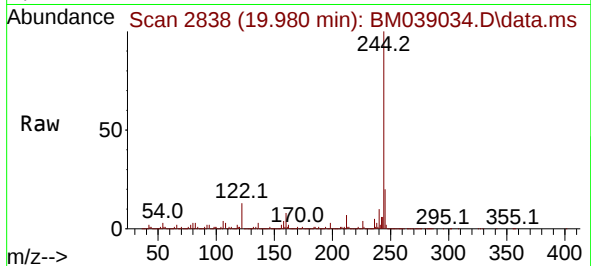
Instrument :

BNA_M

ClientSampleId :

SAMPLE-1RE

Tgt Ion:244 Resp: 4736471
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 13.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.980 min Scan# 3518
 Delta R.T. 0.000 min
 Lab File: BM039034.D
 Acq: 17 Mar 2023 14:24

Tgt Ion:264 Resp: 1375511
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.9 17.9 26.9

