

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039100.D
 Acq On : 22 Mar 2023 20:05
 Operator : CG/JU
 Sample : 02016-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 032023-1

Quant Time: Mar 23 04:26:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

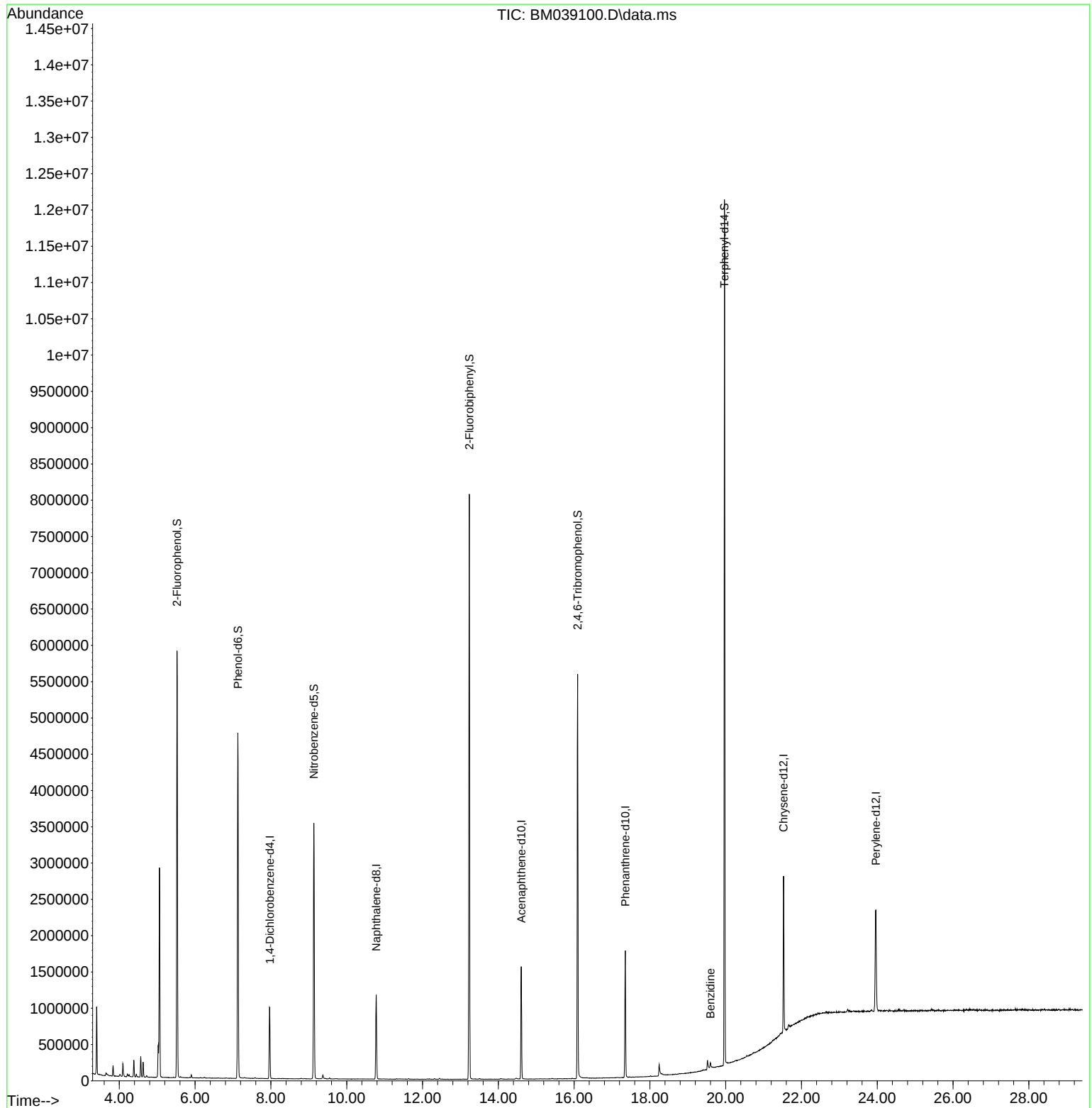
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	257801	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	957168	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	508481	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	995305	20.000	ng	0.00
76) Chrysene-d12	21.527	240	952752	20.000	ng	0.00
86) Perylene-d12	23.962	264	1042221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2492300	146.878	ng	0.00
7) Phenol-d6	7.128	99	2739801	124.308	ng	0.00
23) Nitrobenzene-d5	9.134	82	1995697	102.417	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	930613	158.205	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	3852632	98.634	ng	0.00
79) Terphenyl-d14	19.968	244	5530693	106.134	ng	0.00
Target Compounds						
77) Benzidine	19.598	184	60183	7.366	ng	Qvalue 97

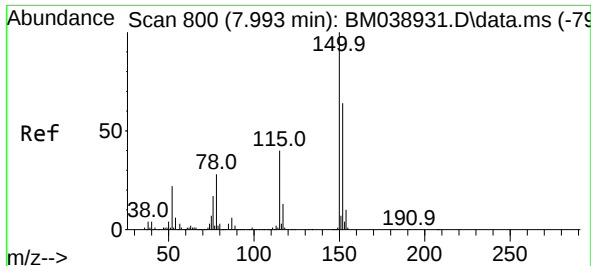
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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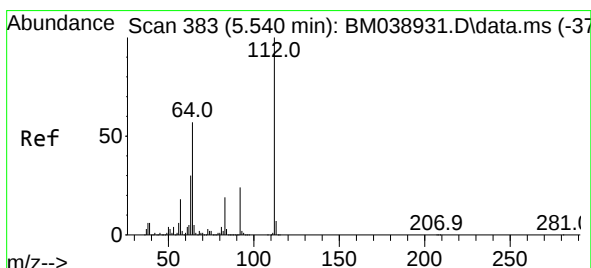
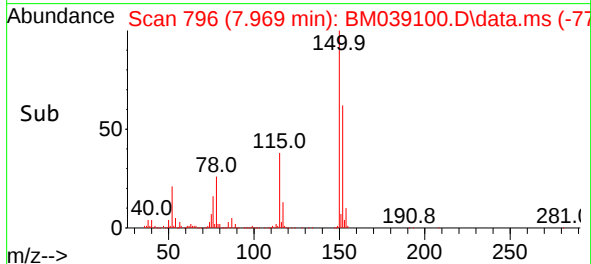
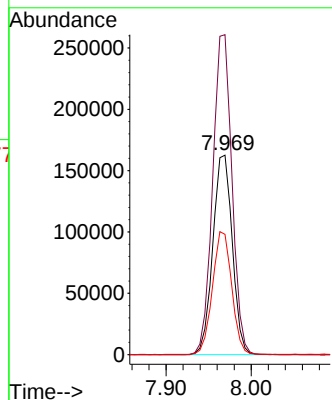
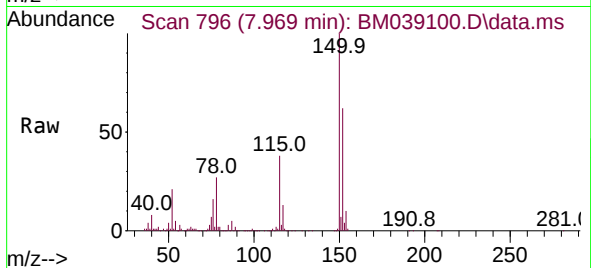




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

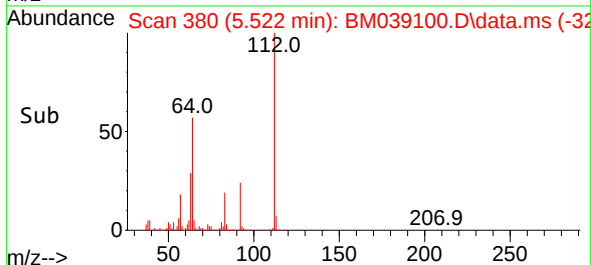
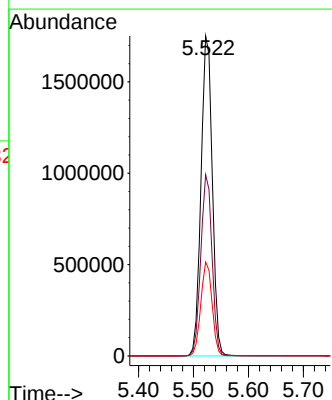
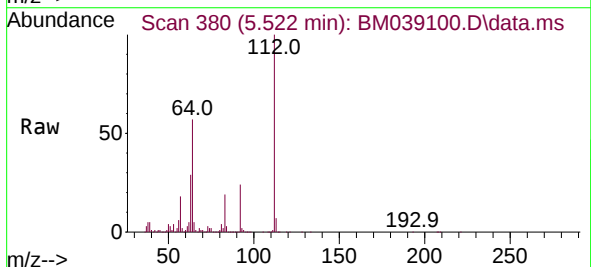
Instrument :
BNA_M
ClientSampleId :
032023-1

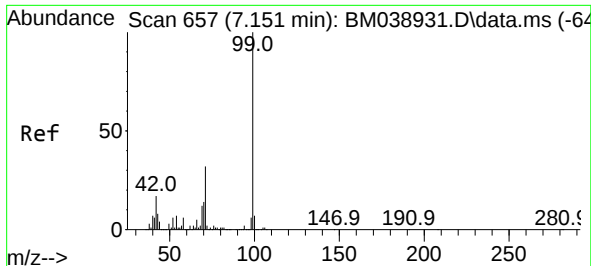
Tgt Ion:152 Resp: 257801
Ion Ratio Lower Upper
152 100
150 160.4 125.1 187.7
115 60.3 49.6 74.4



#5
2-Fluorophenol
Concen: 146.878 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion:112 Resp: 2492300
Ion Ratio Lower Upper
112 100
64 56.6 45.9 68.9
63 29.3 23.8 35.8

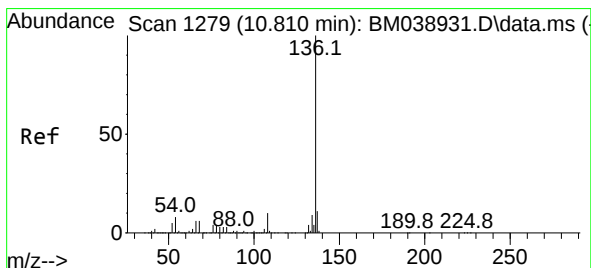
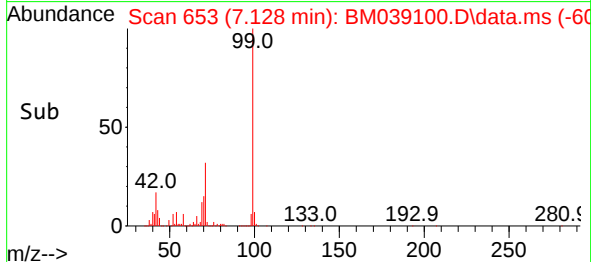
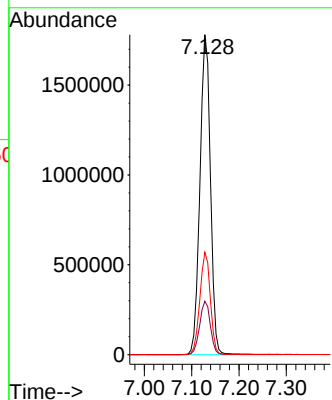
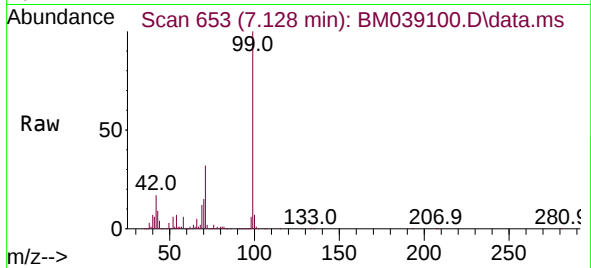




#7
Phenol-d6
Concen: 124.308 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

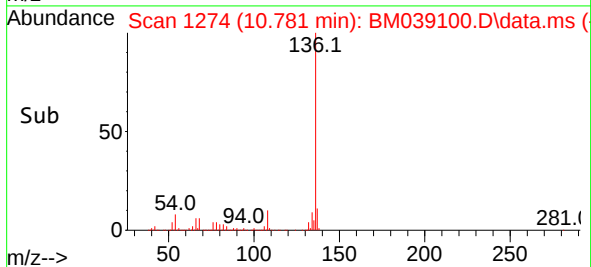
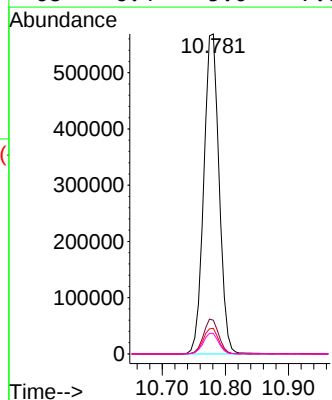
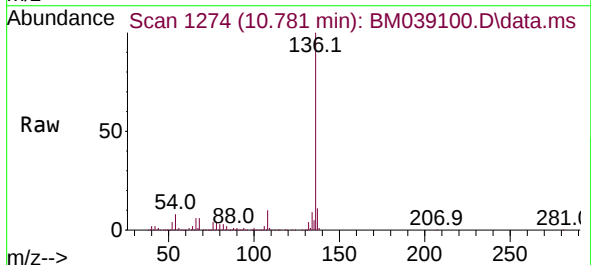
Instrument :
BNA_M
ClientSampleId :
032023-1

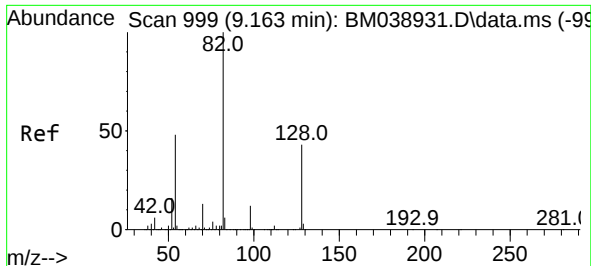
Tgt Ion: 99 Resp: 2739801
Ion Ratio Lower Upper
99 100
42 16.7 13.5 20.3
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion: 136 Resp: 957168
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 8.0 6.3 9.5
68 6.4 5.0 7.6



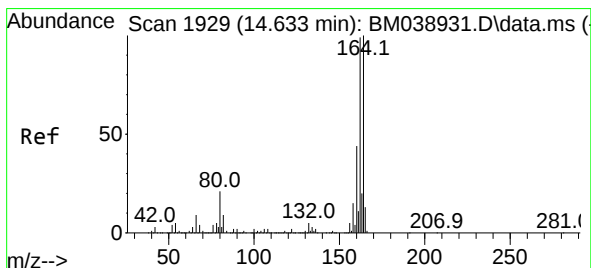
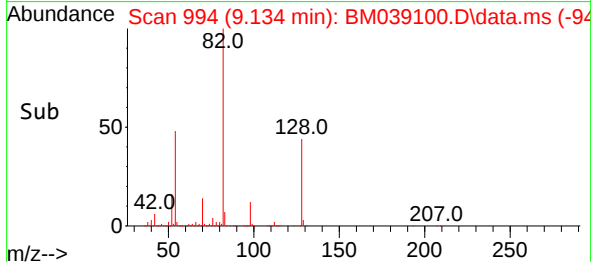
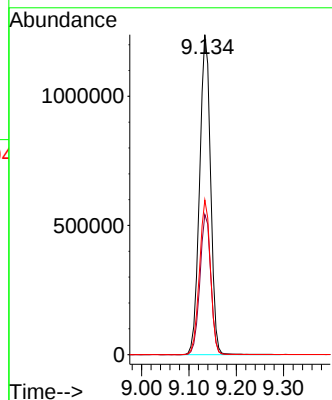
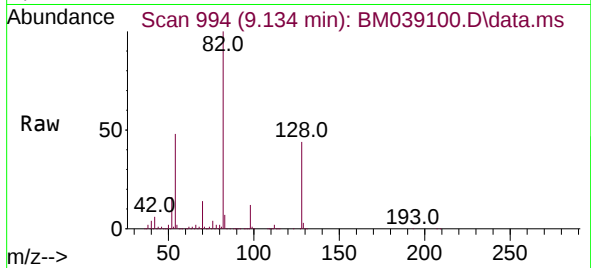


#23
Nitrobenzene-d5
Concen: 102.417 ng
RT: 9.134 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Instrument :
BNA_M
ClientSampleId :
032023-1

Tgt Ion: 82 Resp: 1995697

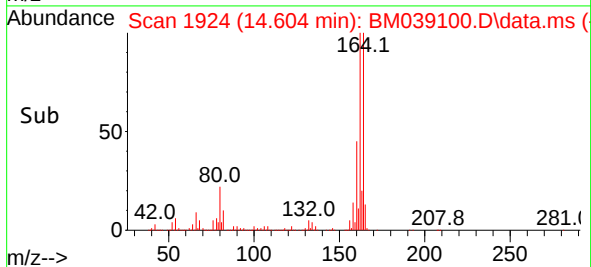
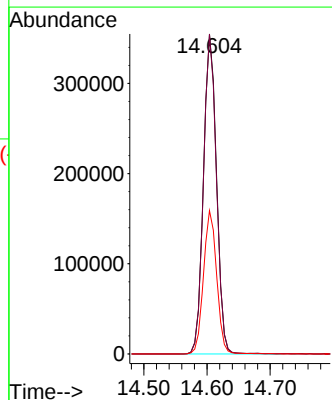
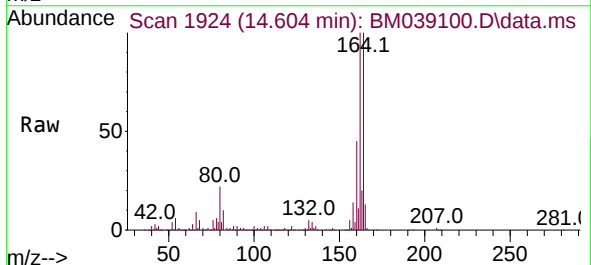
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.4	51.6
54	48.3	38.8	58.2

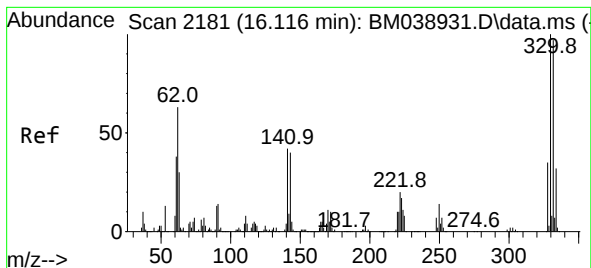


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion: 164 Resp: 508481

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.2	118.8
160	44.8	35.5	53.3

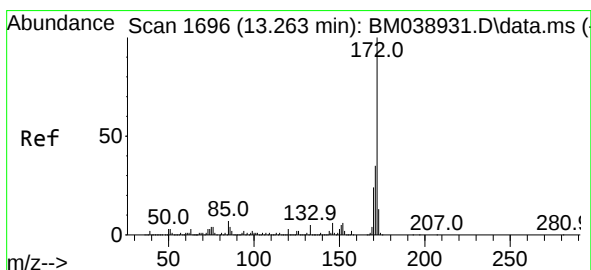
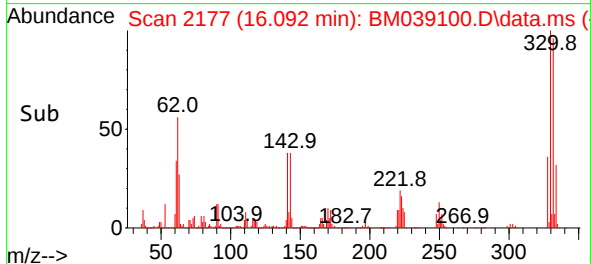
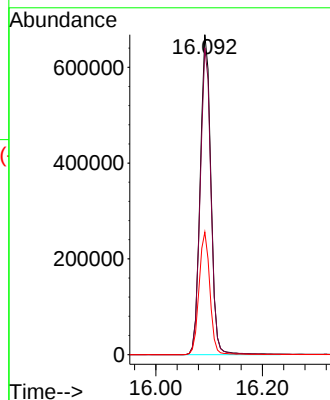
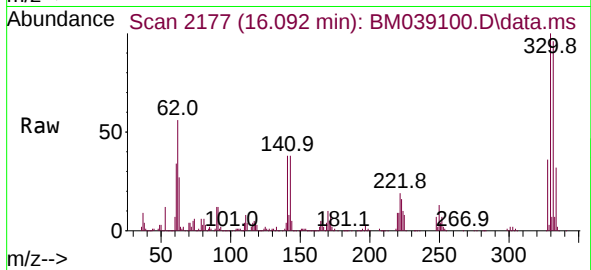




#42
2,4,6-Tribromophenol
Concen: 158.205 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

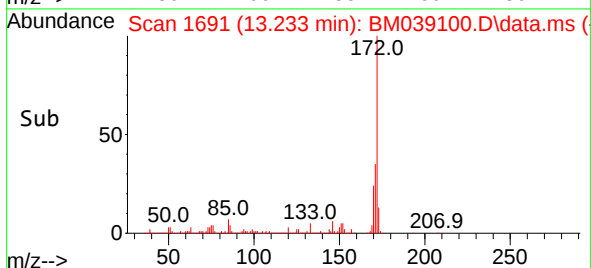
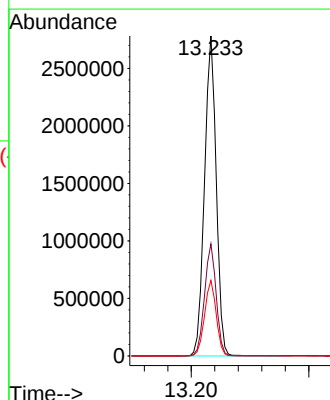
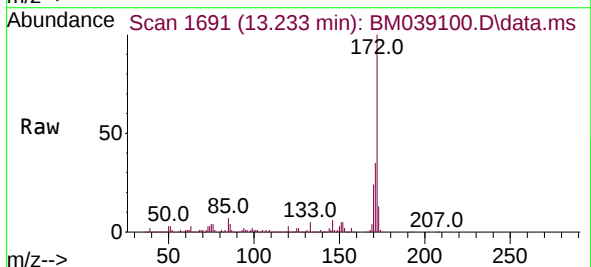
Instrument :
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ClientSampleId :
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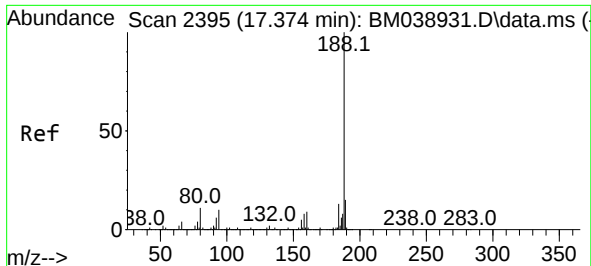
Tgt Ion:330 Resp: 930613
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 38.7 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 98.634 ng
RT: 13.233 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion:172 Resp: 3852632
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.6 19.1 28.7

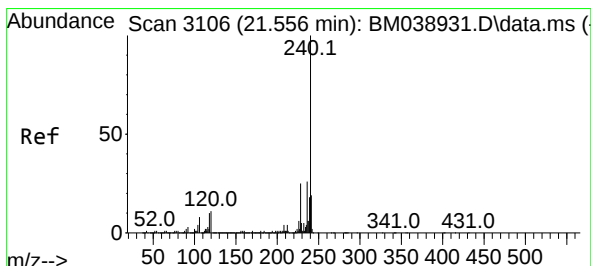
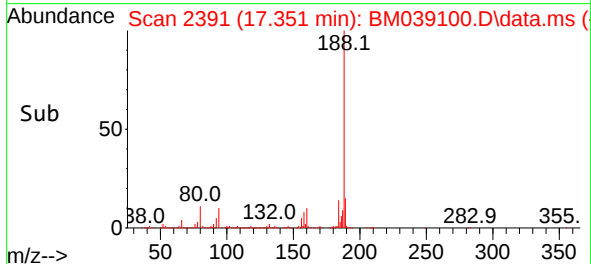
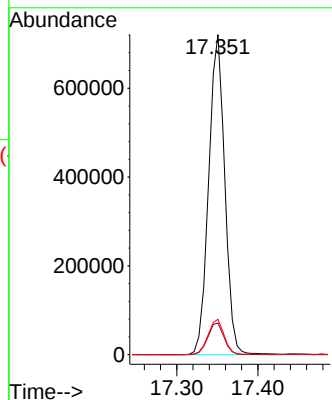
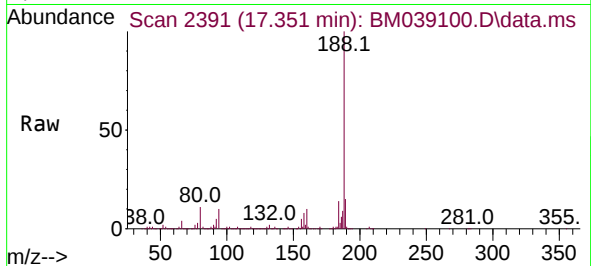




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

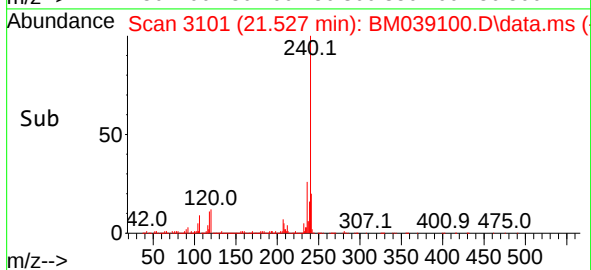
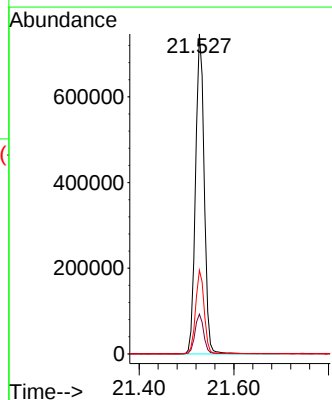
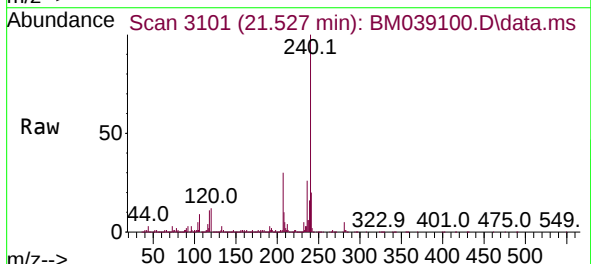
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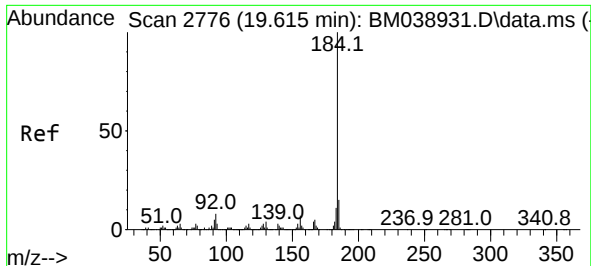
Tgt Ion:188 Resp: 995305
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 11.0 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion:240 Resp: 952752
Ion Ratio Lower Upper
240 100
120 12.4 9.2 13.8
236 26.1 20.8 31.2

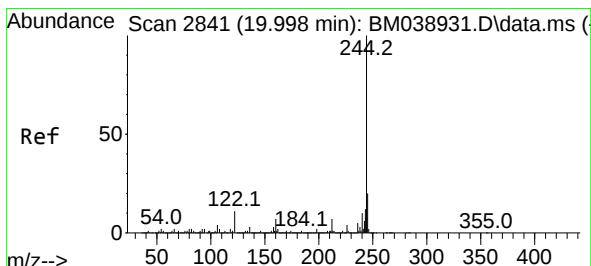
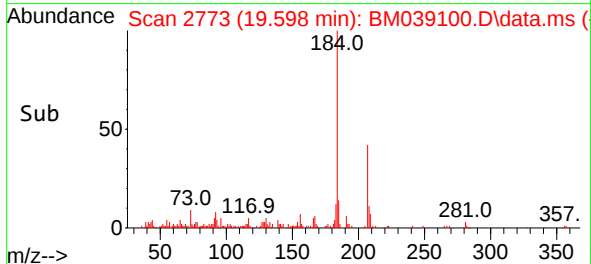
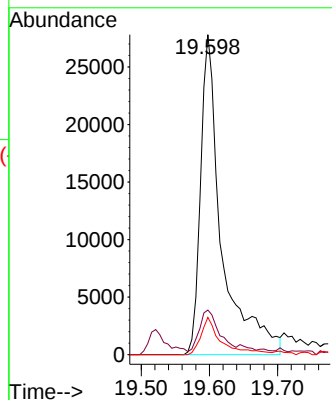
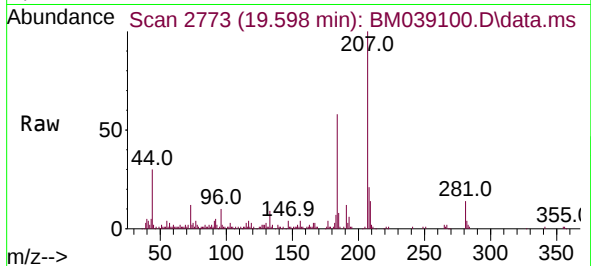




#77
Benzidine
Concen: 7.366 ng
RT: 19.598 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

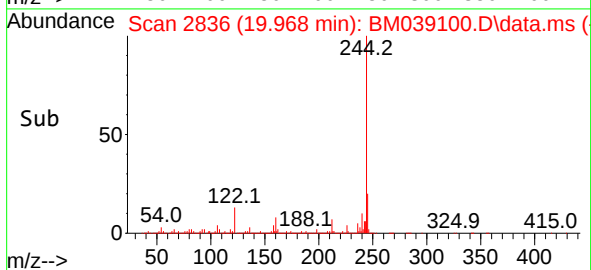
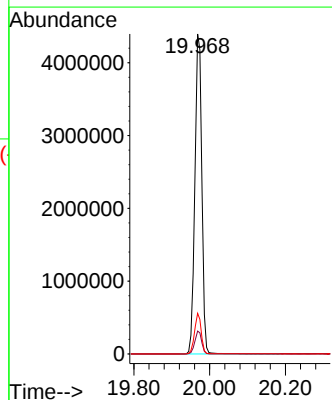
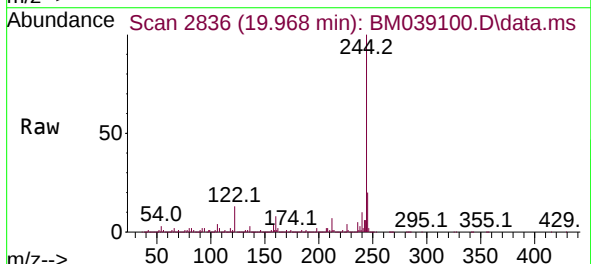
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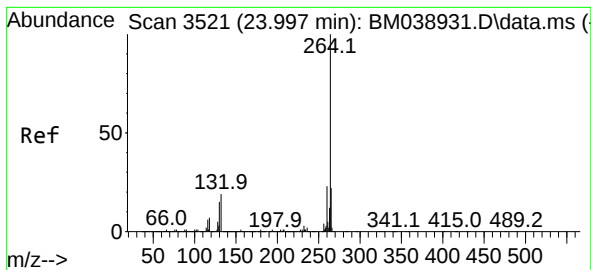
Tgt Ion:184 Resp: 60183
Ion Ratio Lower Upper
184 100
185 13.9 12.2 18.4
183 11.6 8.8 13.2



#79
Terphenyl-d14
Concen: 106.134 ng
RT: 19.968 min Scan# 2836
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Tgt Ion:244 Resp: 5530693
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 12.7 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039100.D
Acq: 22 Mar 2023 20:05

Instrument :
BNA_M
ClientSampleId :
032023-1

Tgt Ion:264 Resp: 1042221

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.1	17.9	26.9

