

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
 Data File : BM039390.D
 Acq On : 11 Apr 2023 12:17
 Operator : CG/JU
 Sample : PB151838TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151838TB

Quant Time: Apr 12 01:36:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	220321	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	843417	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	462047	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	860273	20.000	ng	0.00
76) Chrysene-d12	21.456	240	700499	20.000	ng	0.00
86) Perylene-d12	23.850	264	847495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2061310	140.957	ng	0.00
7) Phenol-d6	7.040	99	2484388	131.347	ng	0.00
23) Nitrobenzene-d5	9.034	82	1491967	85.975	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	676667	115.369	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	2997390	87.896	ng	0.00
79) Terphenyl-d14	19.898	244	3620878	95.500	ng	0.00

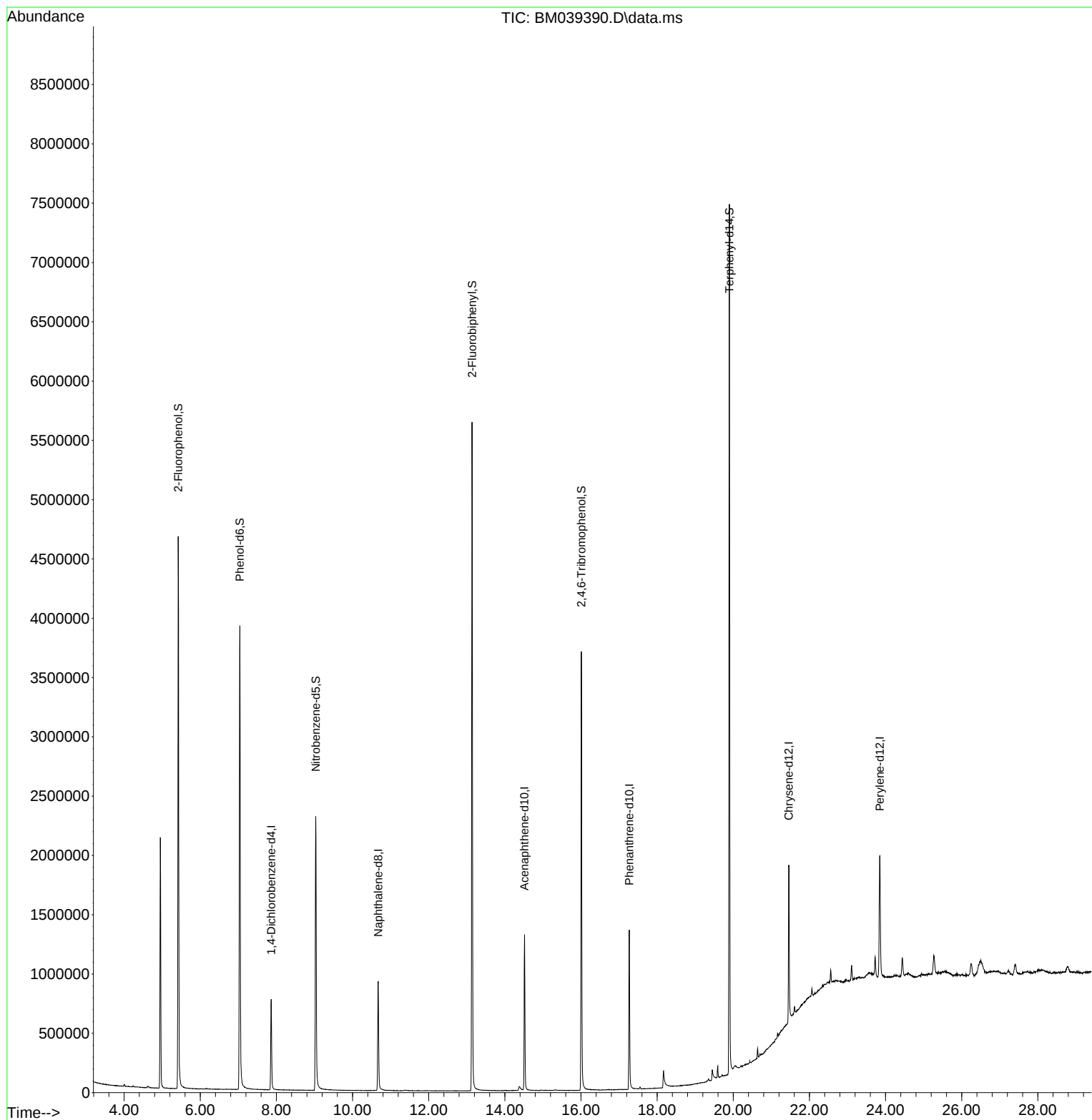
Target Compounds	Qvalue

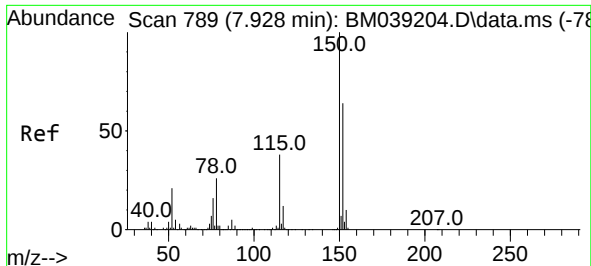
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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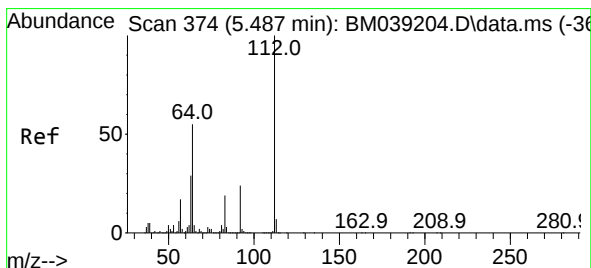
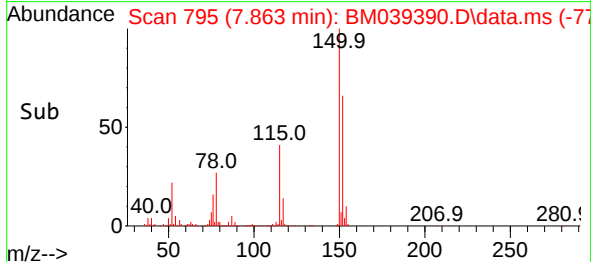
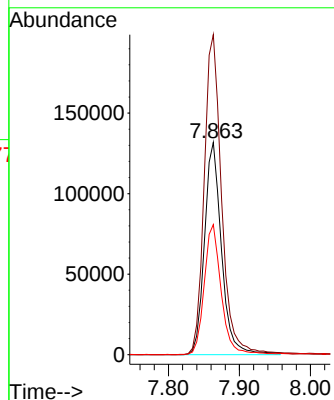
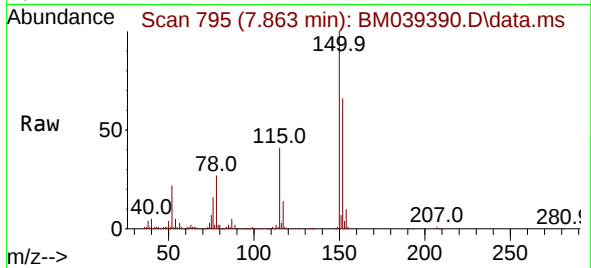




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

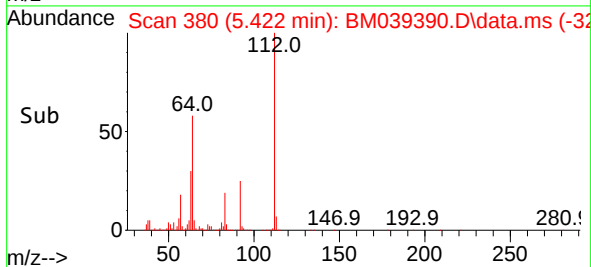
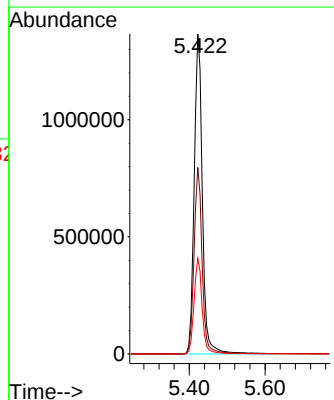
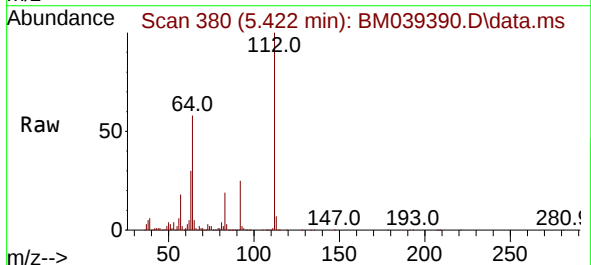
Instrument :
BNA_M
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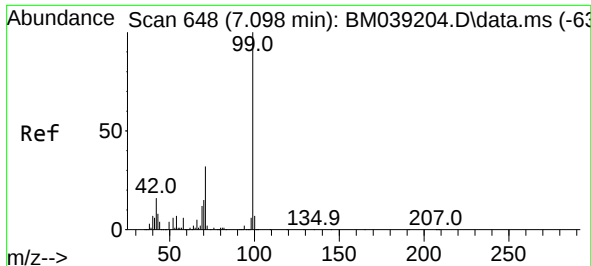
Tgt Ion:152 Resp: 220321
Ion Ratio Lower Upper
152 100
150 150.7 125.5 188.3
115 61.3 48.1 72.1



#5
2-Fluorophenol
Concen: 140.957 ng
RT: 5.422 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

Tgt Ion:112 Resp: 2061310
Ion Ratio Lower Upper
112 100
64 58.3 44.3 66.5
63 29.8 23.0 34.6

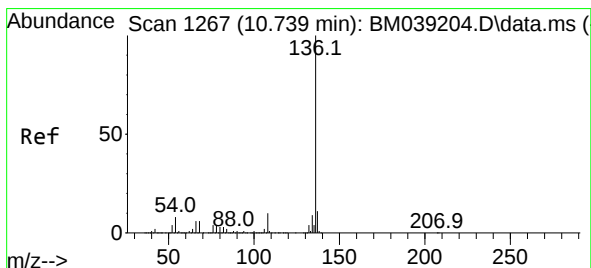
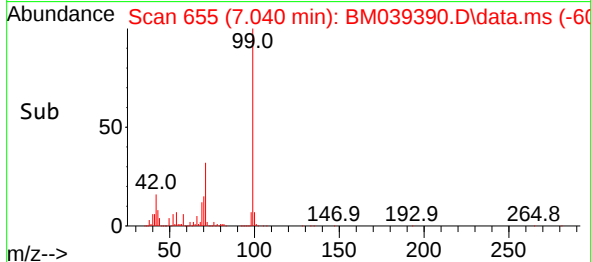
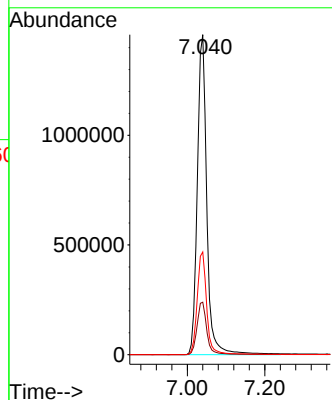
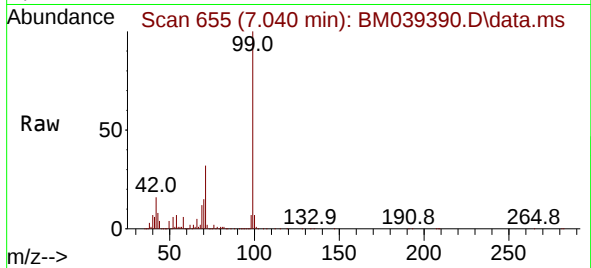




#7
Phenol-d6
Concen: 131.347 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

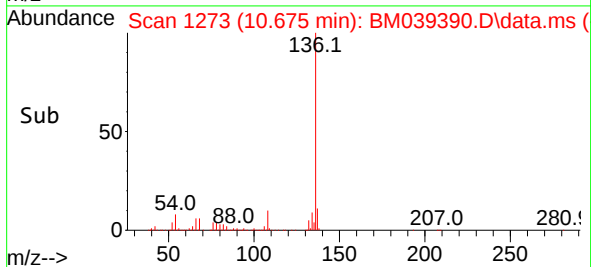
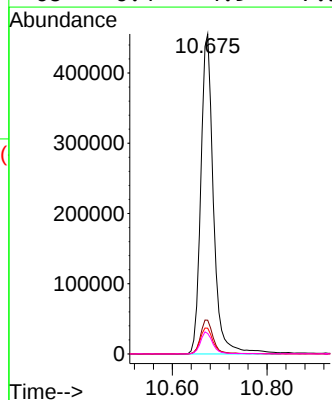
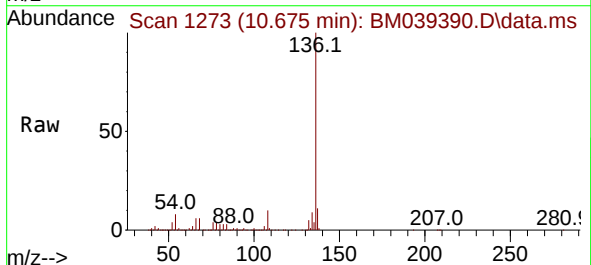
Instrument :
BNA_M
ClientSampleId :
PB151838TB

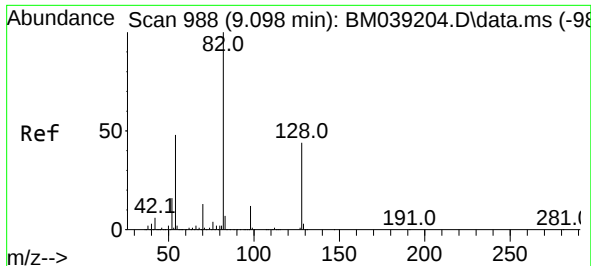
Tgt Ion: 99 Resp: 2484388
Ion Ratio Lower Upper
99 100
42 16.4 13.0 19.6
71 32.1 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

Tgt Ion: 136 Resp: 843417
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.1 6.2 9.4
68 6.4 4.9 7.3

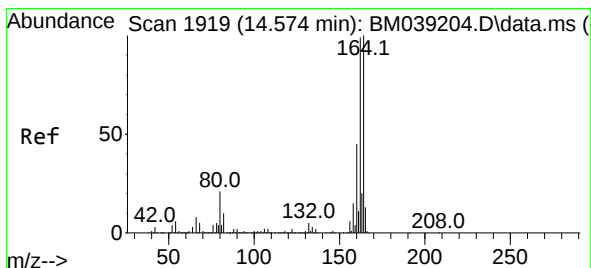
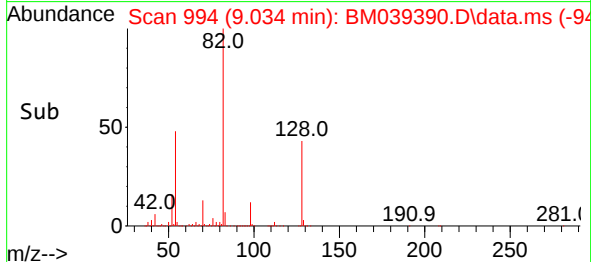
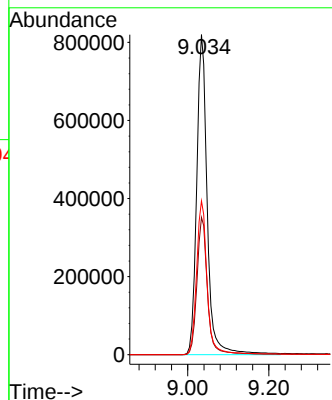
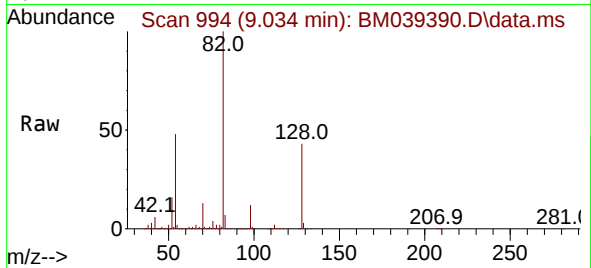




#23
Nitrobenzene-d5
Concen: 85.975 ng
RT: 9.034 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

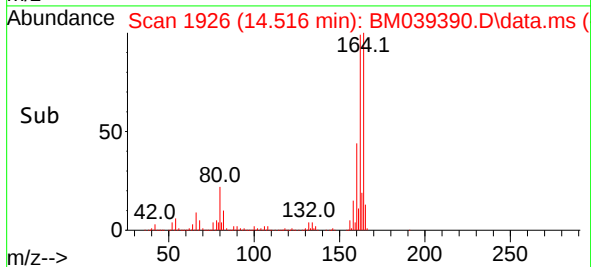
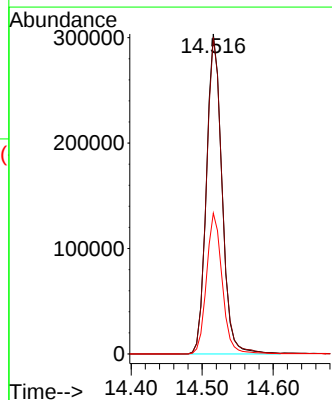
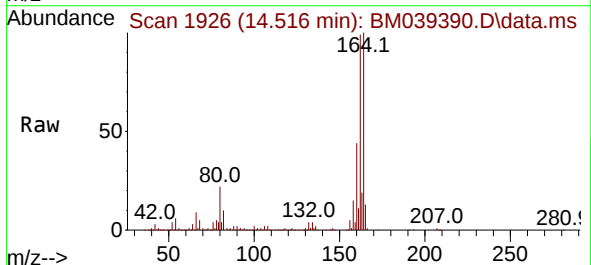
Instrument :
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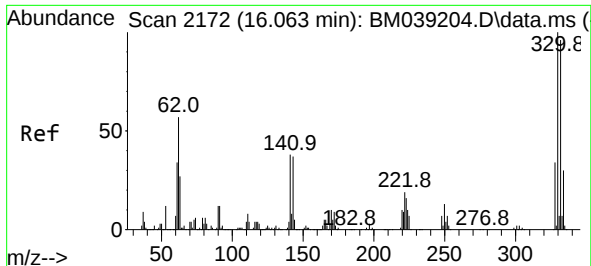
Tgt Ion: 82 Resp: 1491967
Ion Ratio Lower Upper
82 100
128 42.9 35.1 52.7
54 48.0 38.5 57.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

Tgt Ion: 164 Resp: 462047
Ion Ratio Lower Upper
164 100
162 98.9 79.1 118.7
160 44.0 35.8 53.8

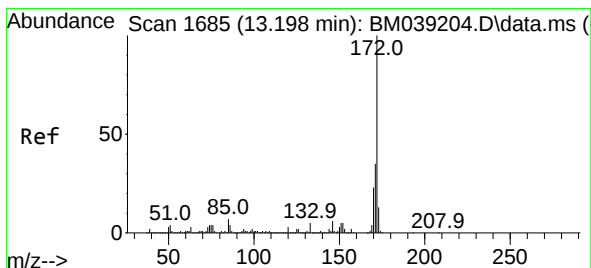
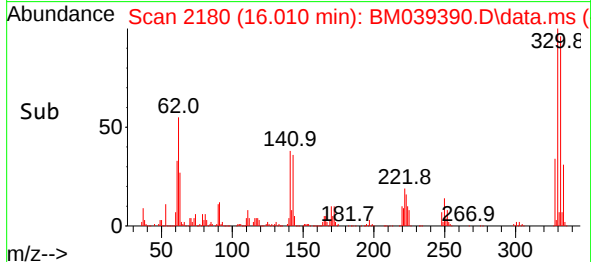
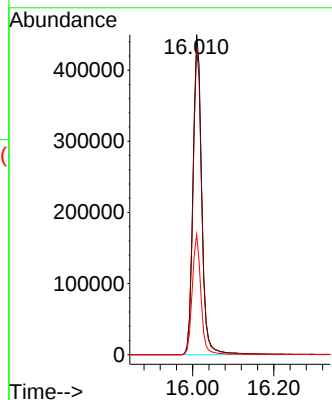
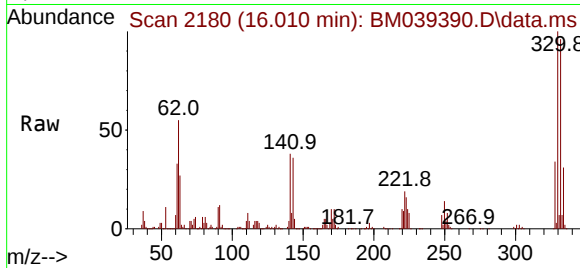




#42
2,4,6-Tribromophenol
Concen: 115.369 ng
RT: 16.010 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

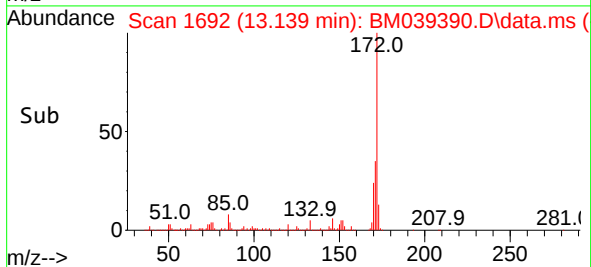
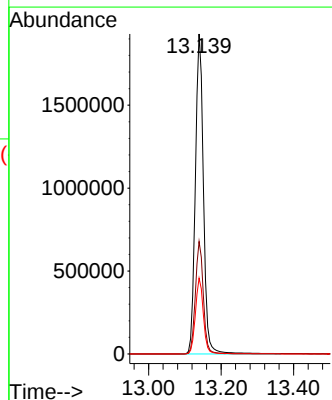
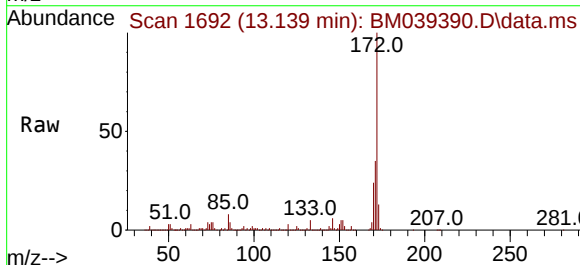
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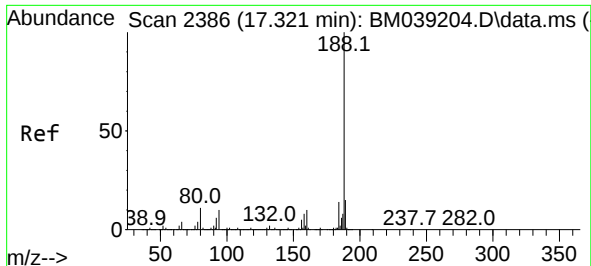
Tgt Ion:330 Resp: 676667
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 37.1 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 87.896 ng
RT: 13.139 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

Tgt Ion:172 Resp: 2997390
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.7 18.7 28.1

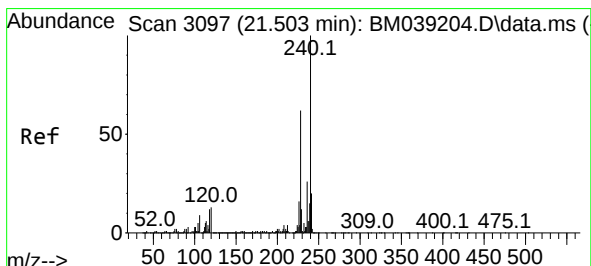
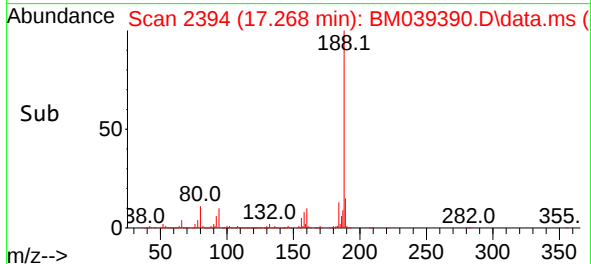
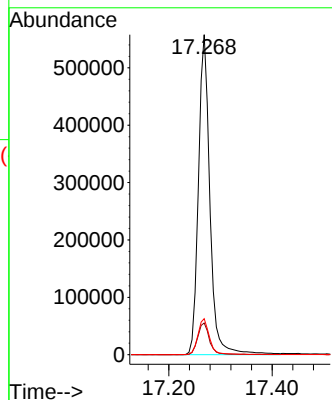
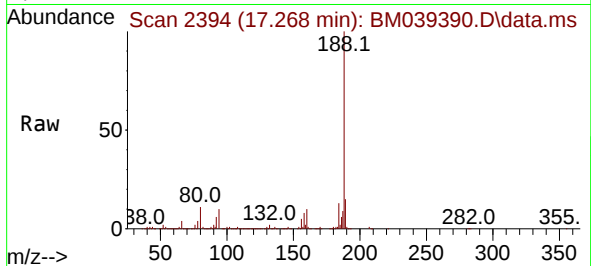




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

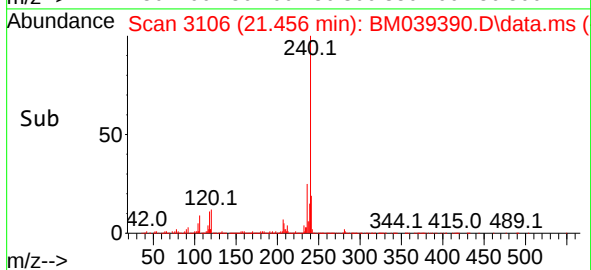
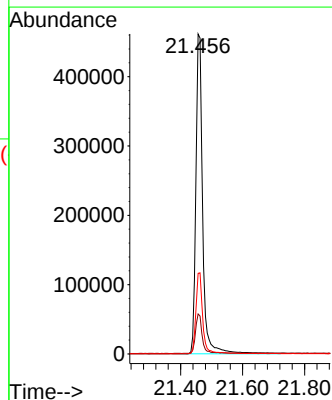
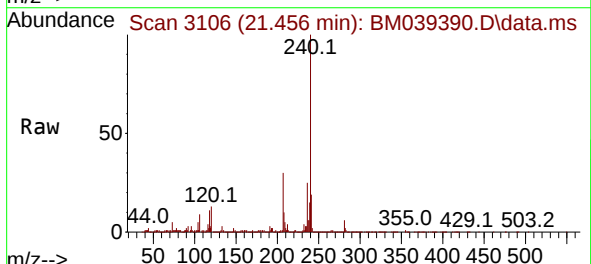
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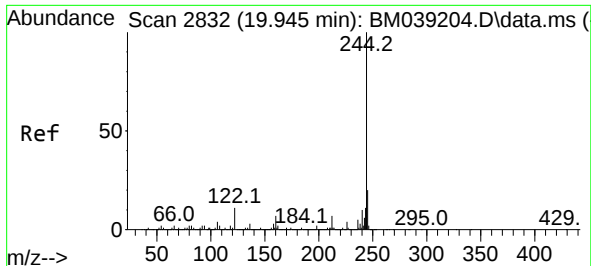
Tgt Ion:188 Resp: 860273
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.4
80 11.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM039390.D
Acq: 11 Apr 2023 12:17

Tgt Ion:240 Resp: 700499
Ion Ratio Lower Upper
240 100
120 12.5 10.2 15.2
236 25.2 20.9 31.3

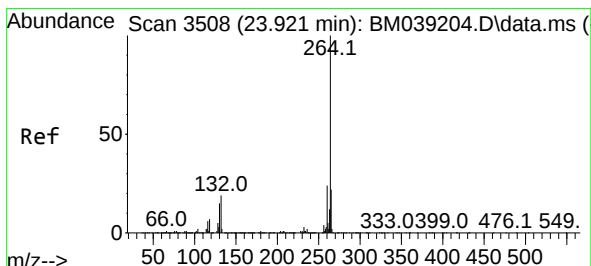
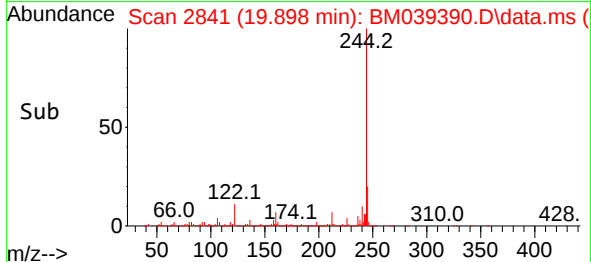
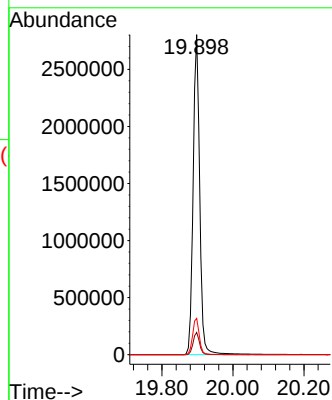
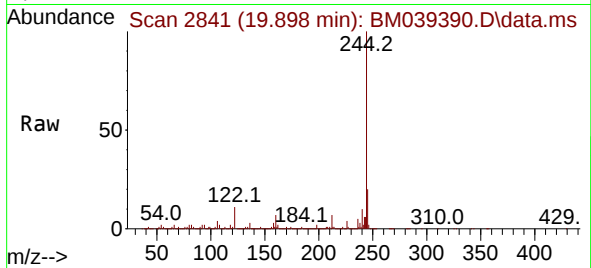




#79
 Terphenyl-d14
 Concen: 95.500 ng
 RT: 19.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039390.D
 Acq: 11 Apr 2023 12:17

Instrument :
 BNA_M
 ClientSampleId :
 PB151838TB

Tgt Ion:244 Resp: 3620878
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.4 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.850 min Scan# 3513
 Delta R.T. 0.000 min
 Lab File: BM039390.D
 Acq: 11 Apr 2023 12:17

Tgt Ion:264 Resp: 847495
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 22.3 18.1 27.1

