

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
 Data File : BM039026.D
 Acq On : 16 Mar 2023 21:22
 Operator : CG/JU
 Sample : 01923-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-1

Quant Time: Mar 17 05:56:46 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	314580	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	1337395	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	771943	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1529409	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1243167	20.000	ng	0.00
86) Perylene-d12	23.974	264	1256450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	917462	44.310	ng	0.00
7) Phenol-d6	7.128	99	709364	26.376	ng	0.00
23) Nitrobenzene-d5	9.145	82	2483735	91.225	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	739701	82.832	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5159686	87.012	ng	0.00
79) Terphenyl-d14	19.980	244	5517084	81.140	ng	0.00

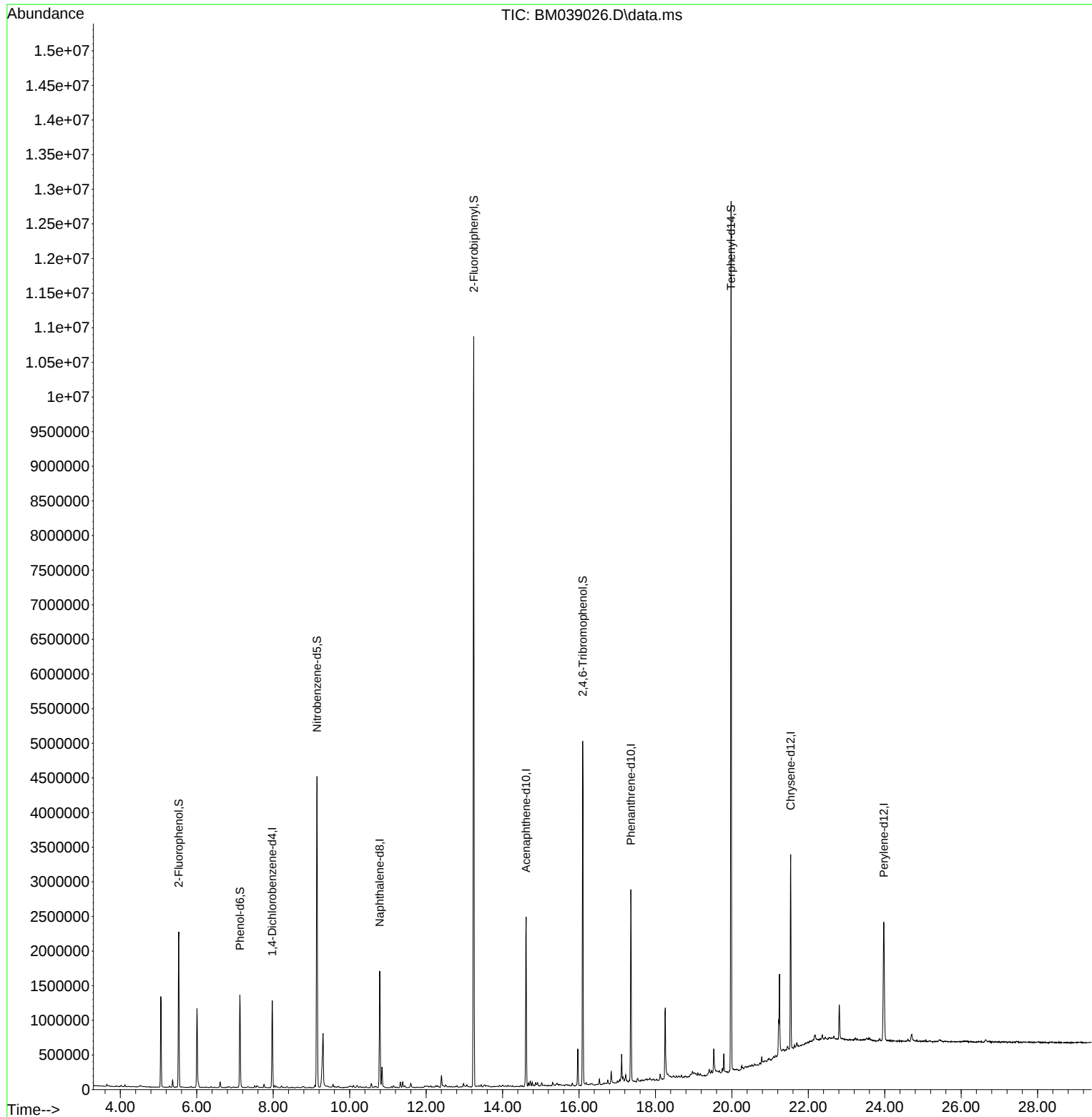
Target Compounds	Qvalue

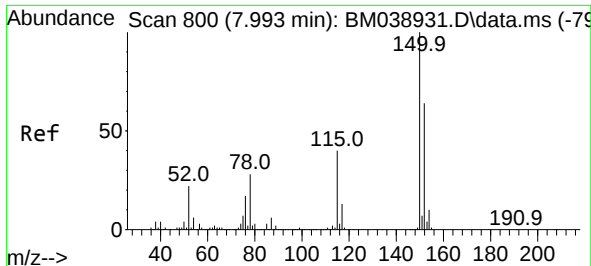
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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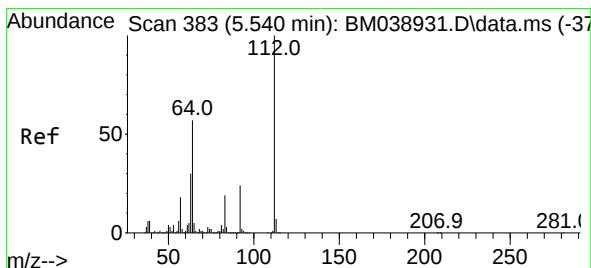
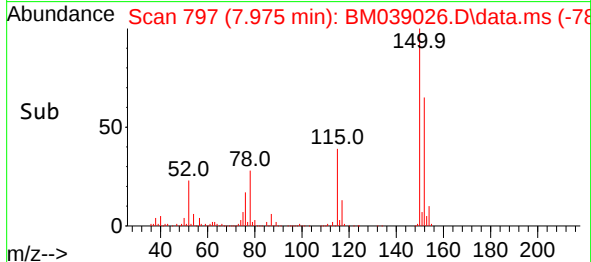
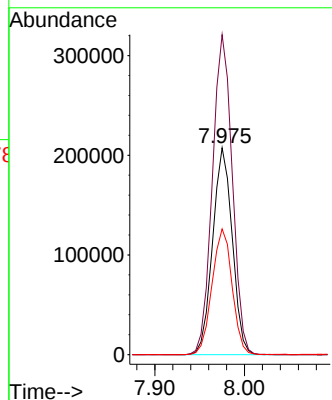
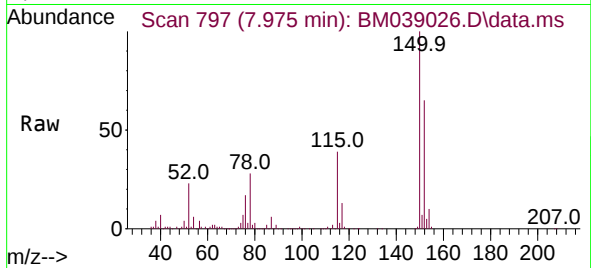




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

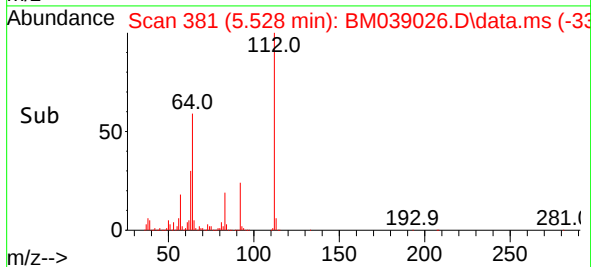
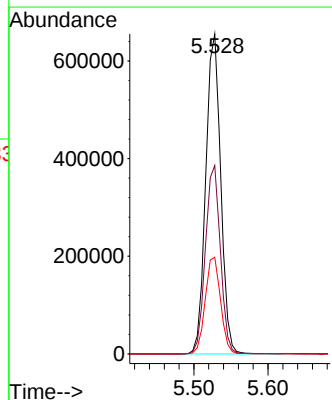
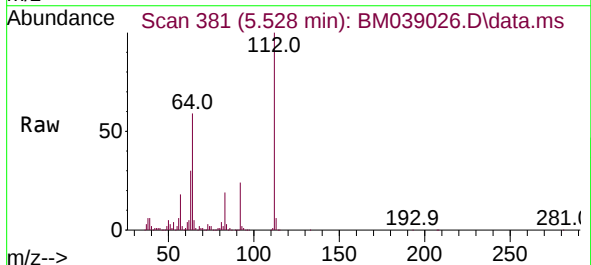
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BNA_M
ClientSampleId :
SAMPLE-1

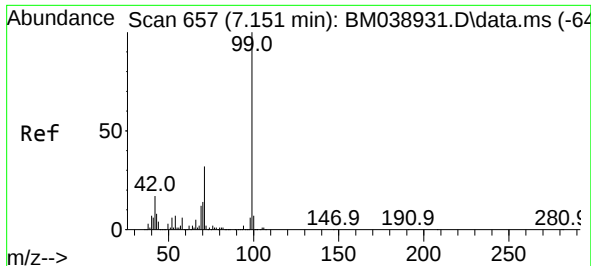
Tgt Ion:152 Resp: 314580
Ion Ratio Lower Upper
152 100
150 154.7 125.1 187.7
115 60.8 49.6 74.4



#5
2-Fluorophenol
Concen: 44.310 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

Tgt Ion:112 Resp: 917462
Ion Ratio Lower Upper
112 100
64 58.9 45.9 68.9
63 30.2 23.8 35.8

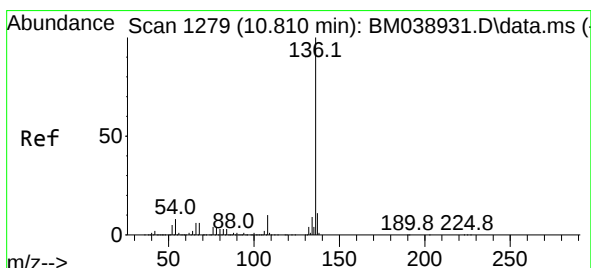
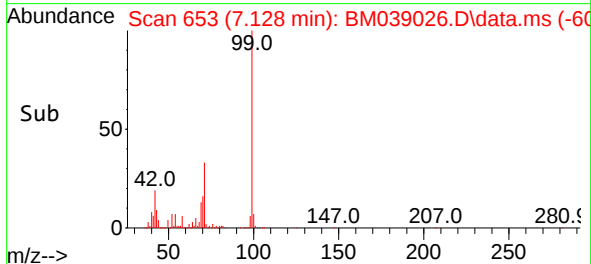
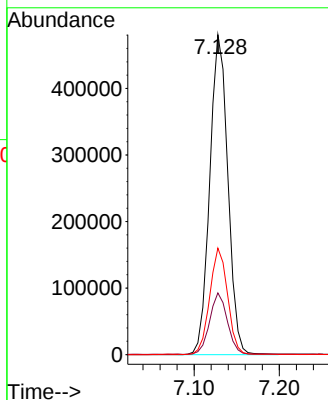
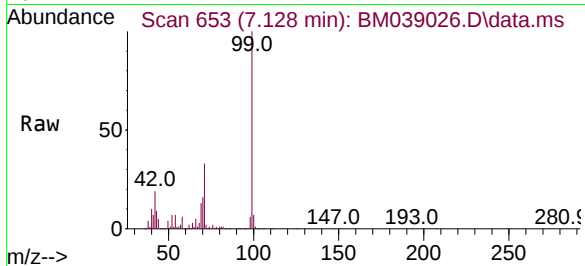




#7
Phenol-d6
Concen: 26.376 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

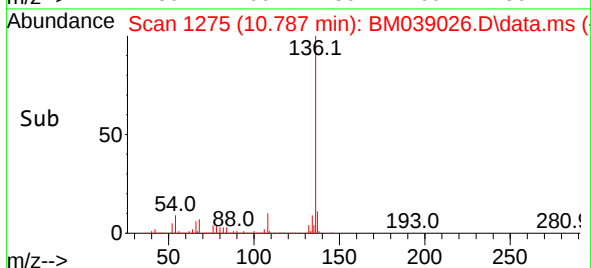
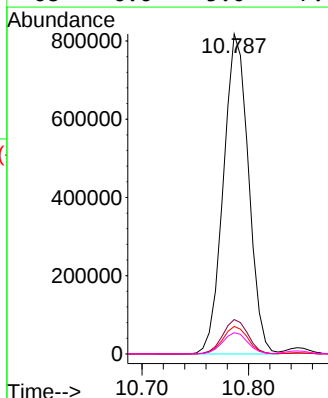
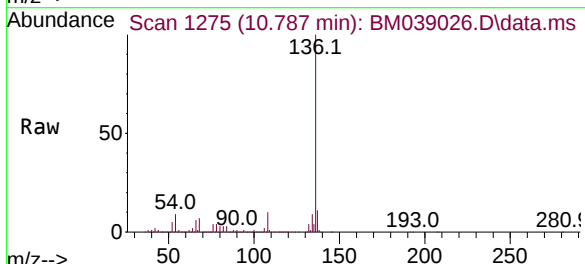
Instrument :
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ClientSampleId :
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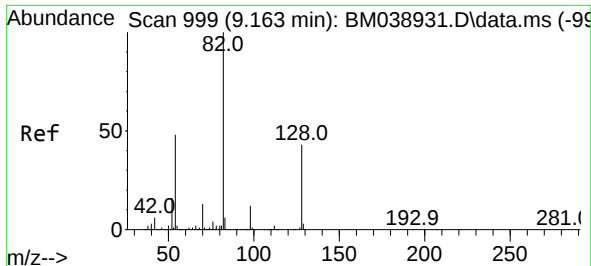
Tgt Ion: 99 Resp: 709364
Ion Ratio Lower Upper
99 100
42 19.3 13.5 20.3
71 33.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

Tgt Ion: 136 Resp: 1337395
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.6 6.3 9.5
68 6.6 5.0 7.6

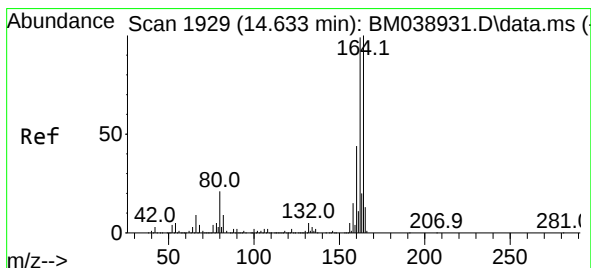
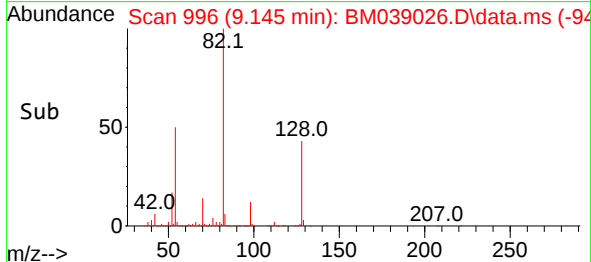
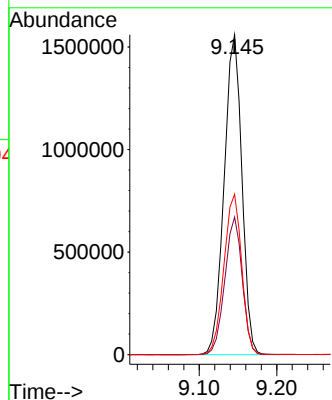
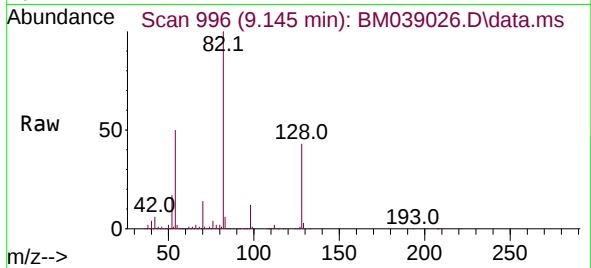




#23
Nitrobenzene-d5
Concen: 91.225 ng
RT: 9.145 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

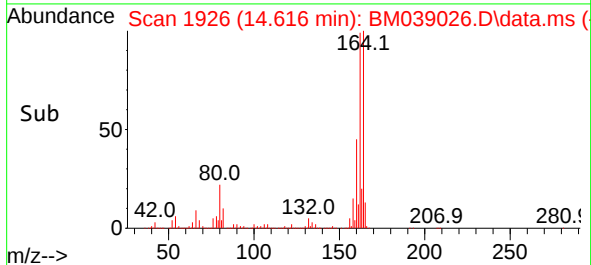
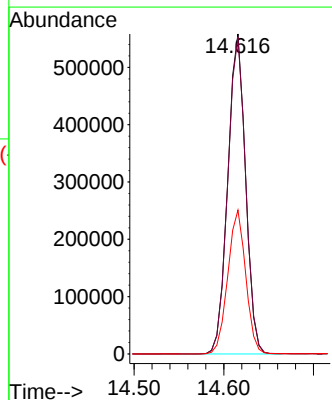
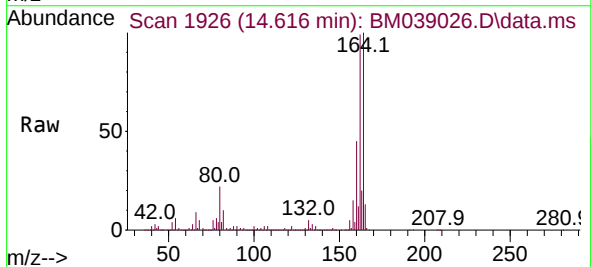
Instrument :
BNA_M
ClientSampleId :
SAMPLE-1

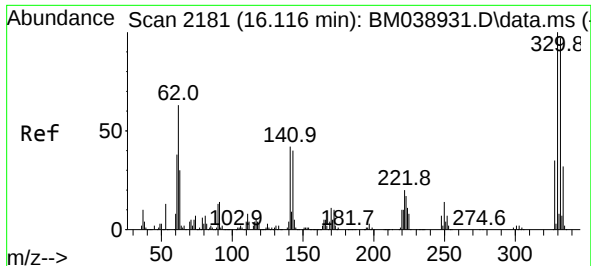
Tgt Ion: 82 Resp: 2483735
Ion Ratio Lower Upper
82 100
128 43.0 34.4 51.6
54 50.2 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

Tgt Ion: 164 Resp: 771943
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 44.9 35.5 53.3

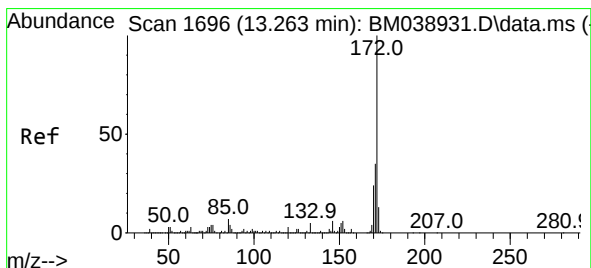
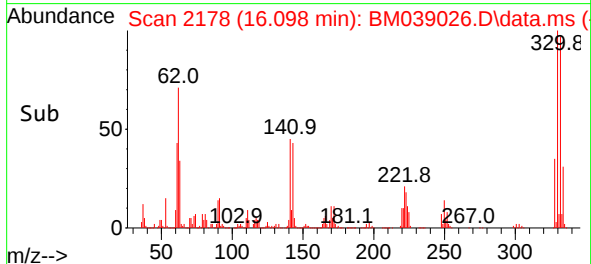
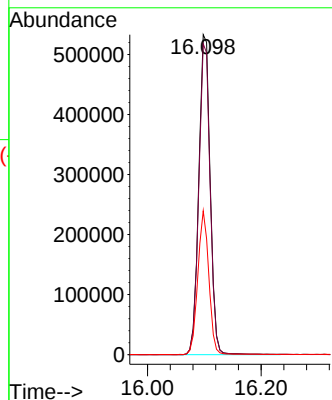
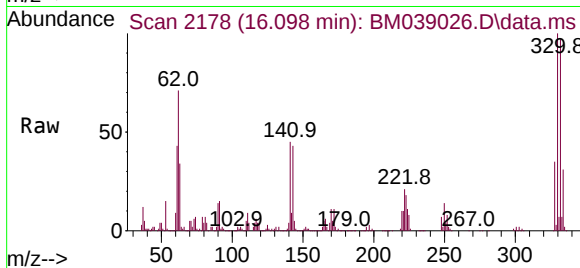




#42
2,4,6-Tribromophenol
Concen: 82.832 ng
RT: 16.098 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

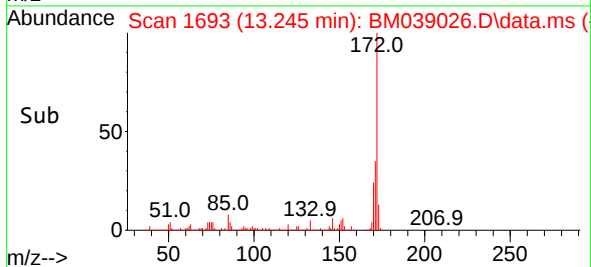
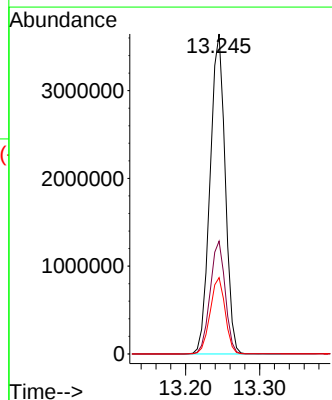
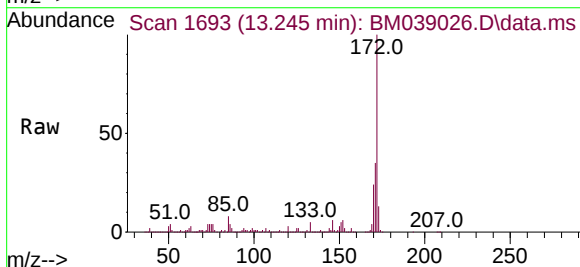
Instrument :
BNA_M
ClientSampleId :
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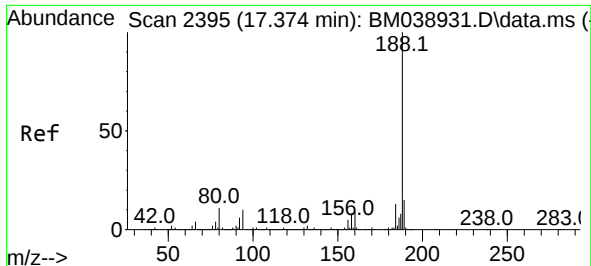
Tgt Ion:330 Resp: 739701
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 43.5 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 87.012 ng
RT: 13.245 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

Tgt Ion:172 Resp: 5159686
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.8 19.1 28.7

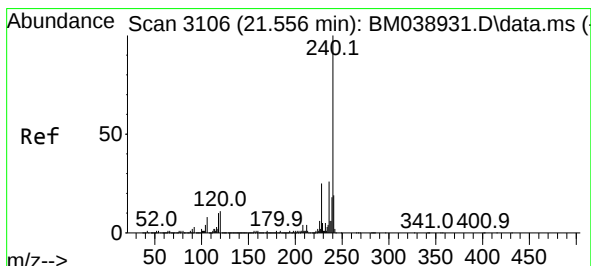
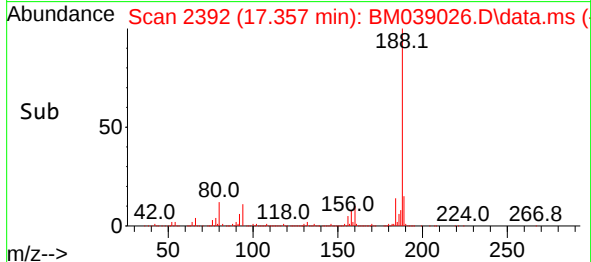
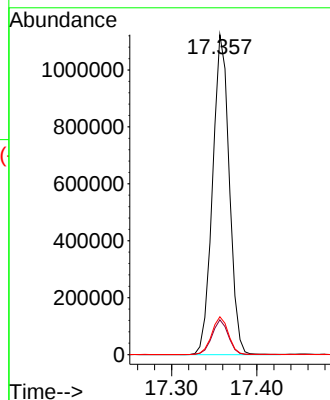
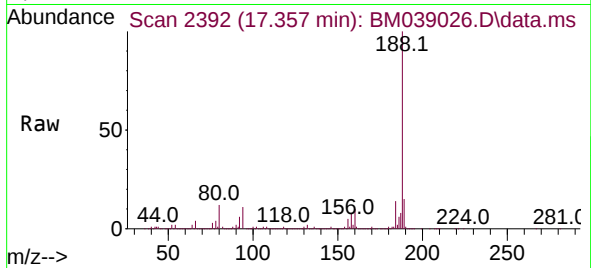




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

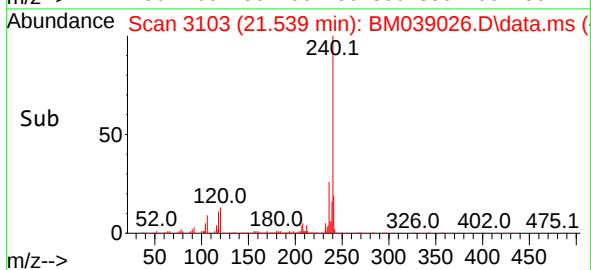
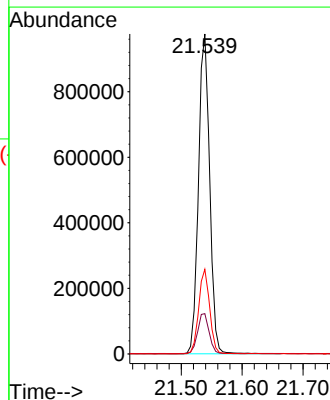
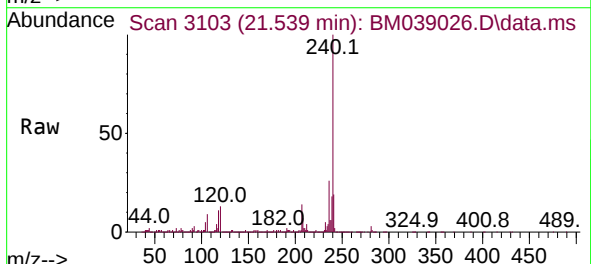
Instrument :
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ClientSampleId :
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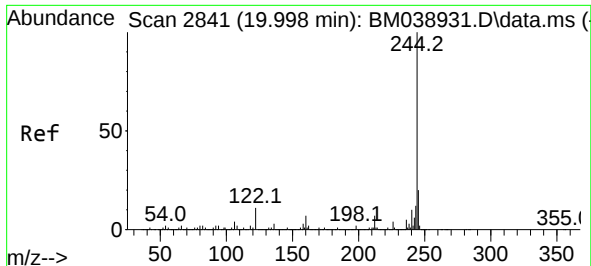
Tgt Ion:188 Resp: 1529409
Ion Ratio Lower Upper
188 100
94 10.9 7.9 11.9
80 11.8 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM039026.D
Acq: 16 Mar 2023 21:22

Tgt Ion:240 Resp: 1243167
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 26.4 20.8 31.2

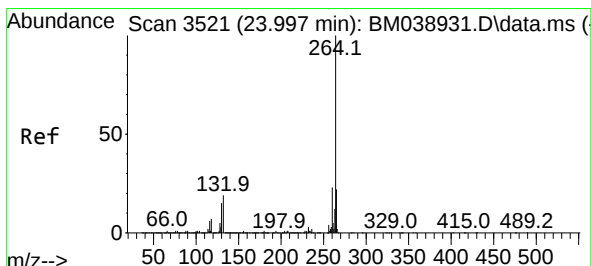
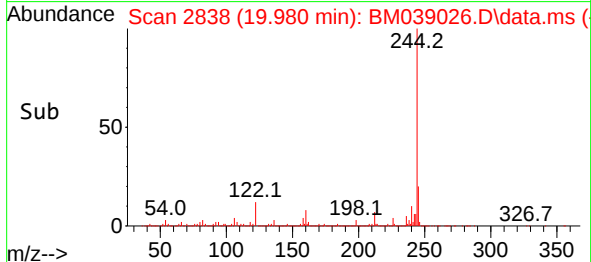
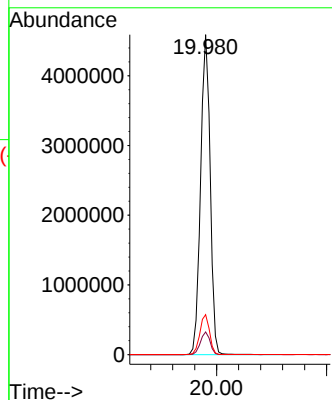
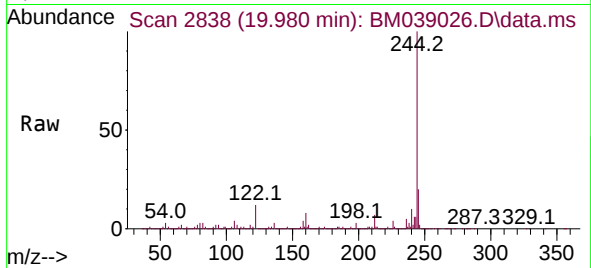




#79
 Terphenyl-d14
 Concen: 81.140 ng
 RT: 19.980 min Scan# 2841
 Delta R.T. 0.000 min
 Lab File: BM039026.D
 Acq: 16 Mar 2023 21:22

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-1

Tgt Ion:244 Resp: 5517084
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.974 min Scan# 3517
 Delta R.T. -0.006 min
 Lab File: BM039026.D
 Acq: 16 Mar 2023 21:22

Tgt Ion:264 Resp: 1256450
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 22.0 17.9 26.9

