

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039079.D
 Acq On : 21 Mar 2023 21:30
 Operator : CG/JU
 Sample : 02001-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IRV-1

Quant Time: Mar 22 03:45:10 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)

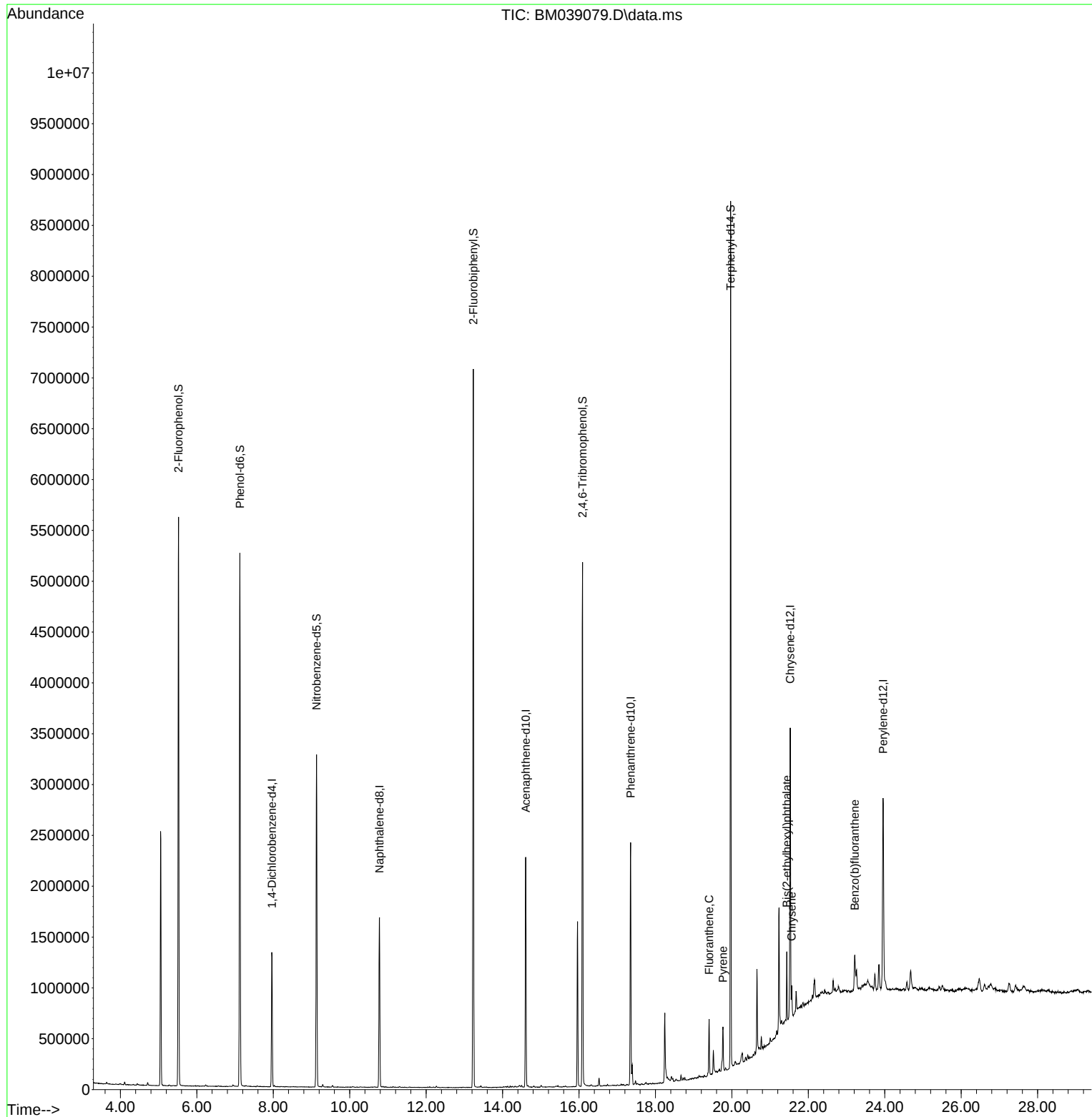
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	349308	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1400451	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	763056	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1396273	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1197348	20.000	ng	0.00
86) Perylene-d12	23.956	264	1355226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2367106	102.956	ng	0.00
7) Phenol-d6	7.128	99	3013920	100.922	ng	0.00
23) Nitrobenzene-d5	9.133	82	1828346	64.129	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	851625	96.476	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	3445288	58.778	ng	0.00
79) Terphenyl-d14	19.968	244	3808063	58.149	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.403	202	280578	3.243	ng	99
78) Pyrene	19.768	202	252371	2.806	ng	99
83) Chrysene	21.562	228	174762	2.084	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	229470	6.421	ng	99
88) Benzo(b)fluoranthene	23.215	252	240061	2.773	ng	# 97

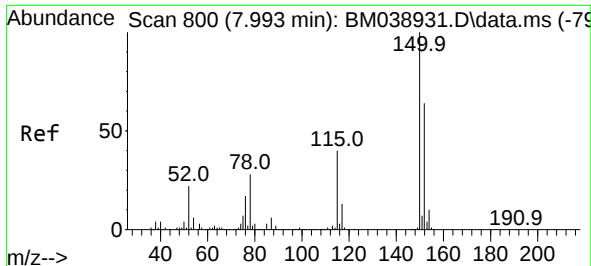
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
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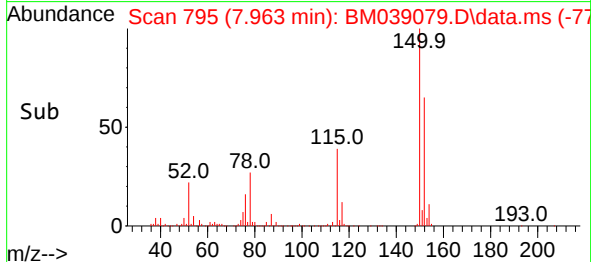
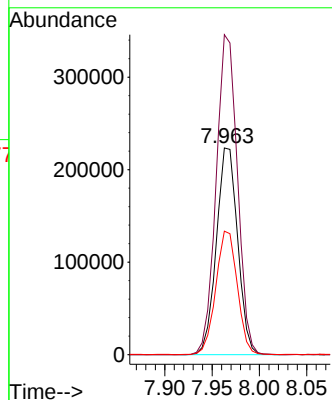
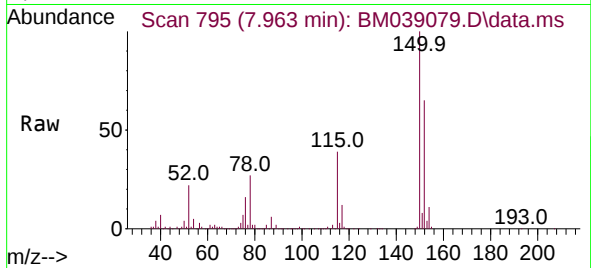




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 799
Delta R.T. -0.006 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

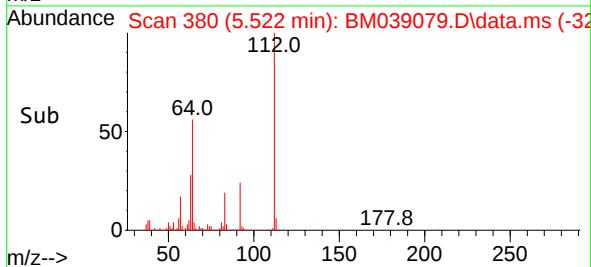
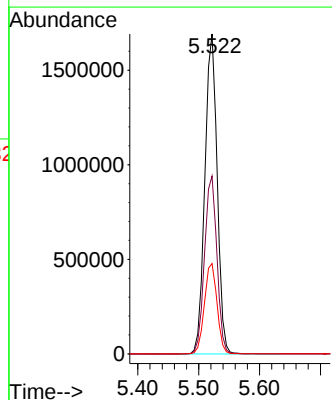
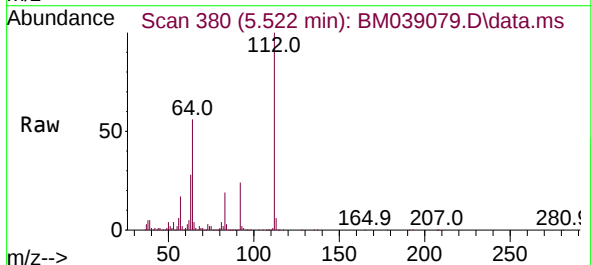
Instrument :
BNA_M
ClientSampleId :
IRV-1

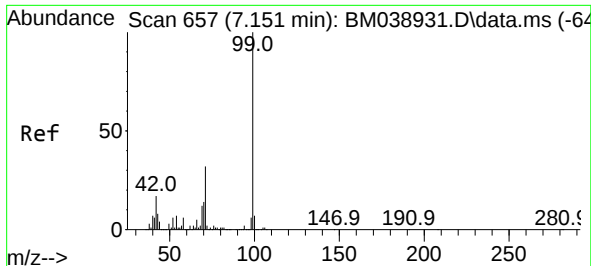
Tgt Ion:152 Resp: 349308
Ion Ratio Lower Upper
152 100
150 154.9 125.1 187.7
115 59.8 49.6 74.4



#5
2-Fluorophenol
Concen: 102.956 ng
RT: 5.522 min Scan# 380
Delta R.T. -0.000 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

Tgt Ion:112 Resp: 2367106
Ion Ratio Lower Upper
112 100
64 55.6 45.9 68.9
63 28.2 23.8 35.8



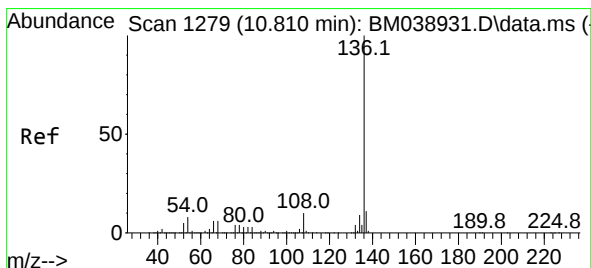
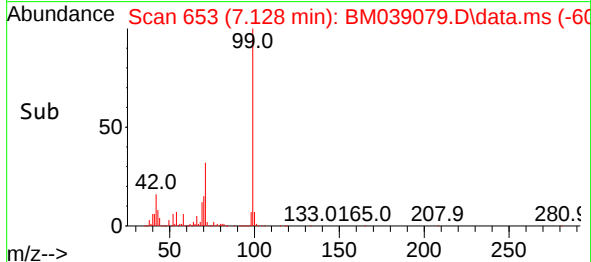
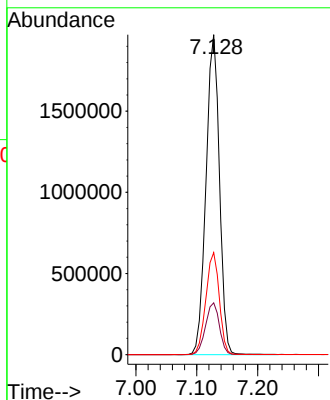
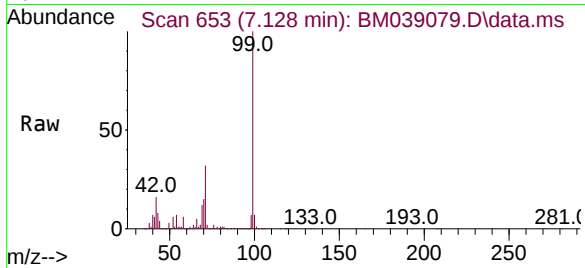


#7
Phenol-d6
Concen: 100.922 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

Instrument :
BNA_M
ClientSampleId :
IRV-1

Tgt Ion: 99 Resp: 3013920

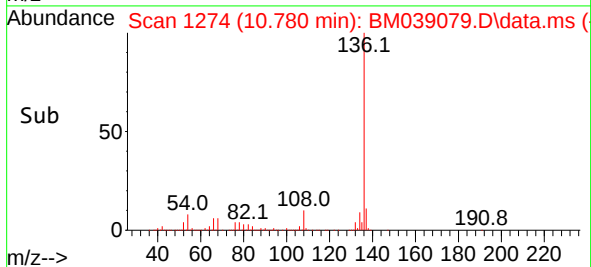
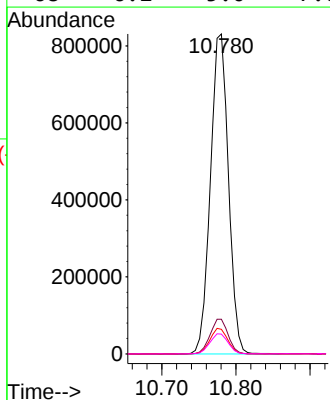
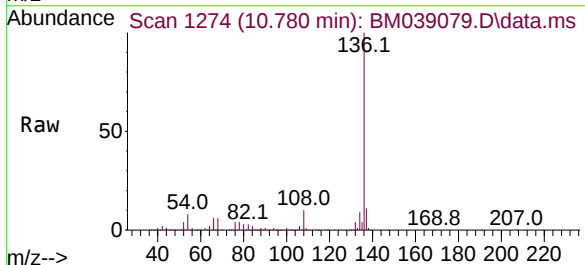
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.9	25.6	38.4

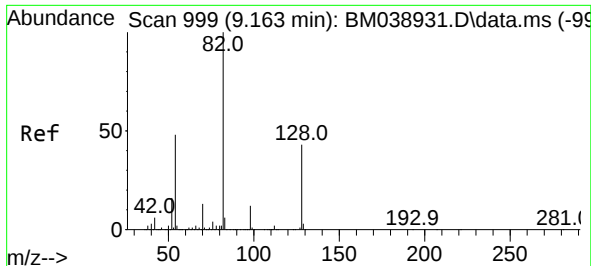


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

Tgt Ion: 136 Resp: 1400451

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.7	6.3	9.5
68	6.2	5.0	7.6

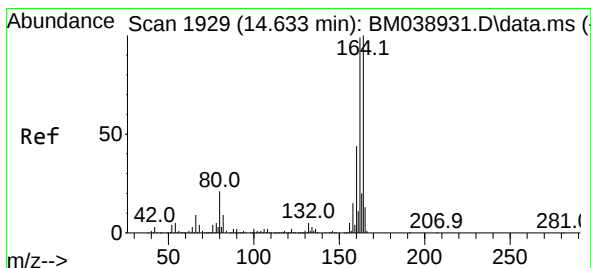
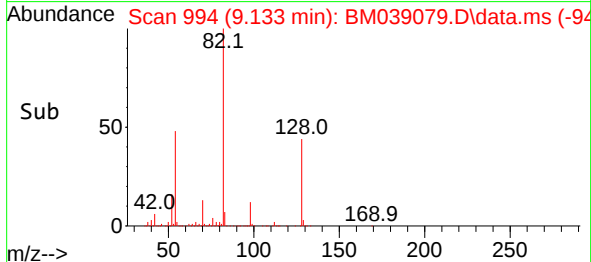
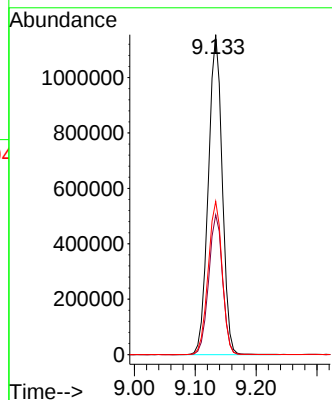
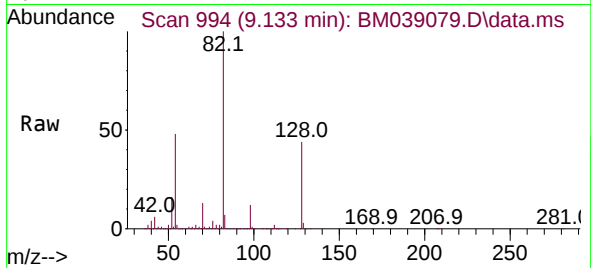




#23
Nitrobenzene-d5
Concen: 64.129 ng
RT: 9.133 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

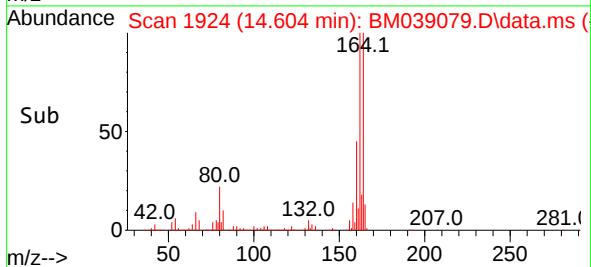
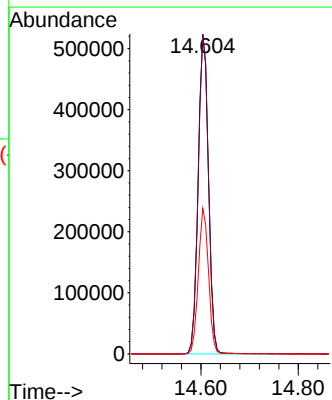
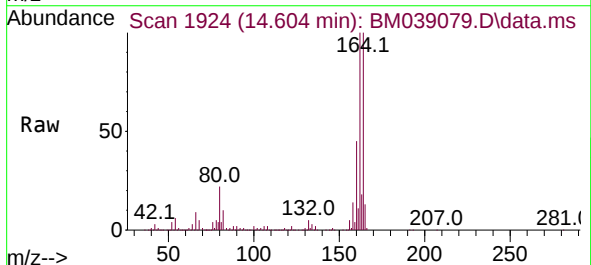
Instrument :
BNA_M
ClientSampleId :
IRV-1

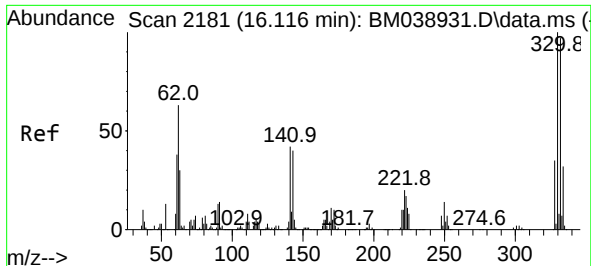
Tgt Ion: 82 Resp: 1828346
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 47.9 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

Tgt Ion: 164 Resp: 763056
Ion Ratio Lower Upper
164 100
162 100.2 79.2 118.8
160 45.5 35.5 53.3

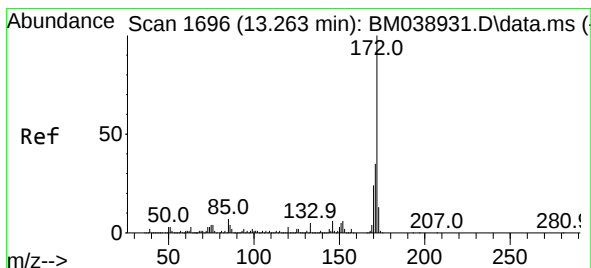
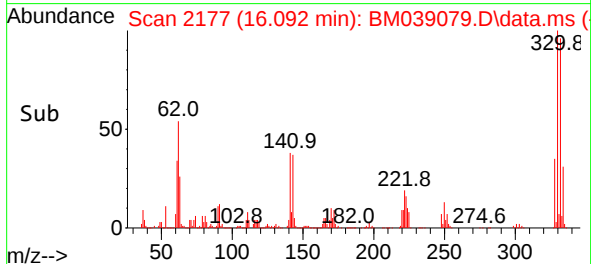
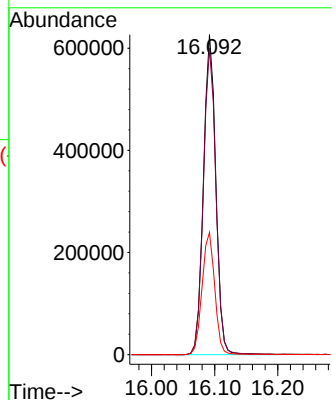
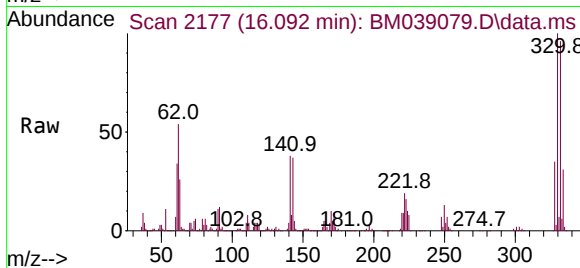




#42
2,4,6-Tribromophenol
Concen: 96.476 ng
RT: 16.092 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

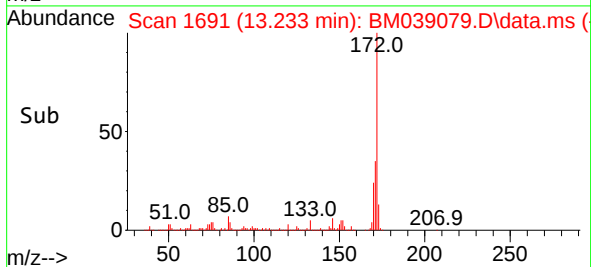
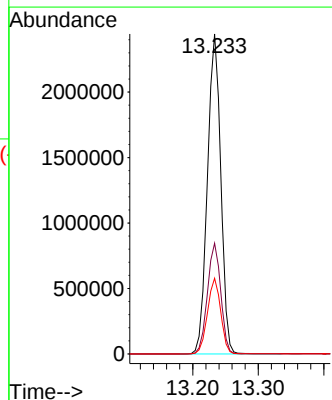
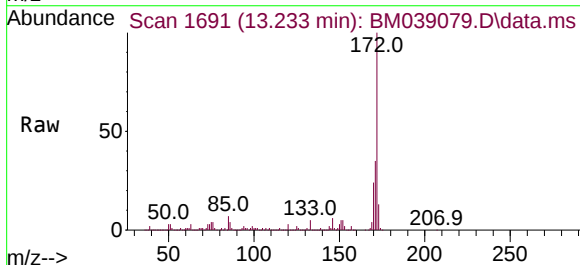
Instrument :
BNA_M
ClientSampleId :
IRV-1

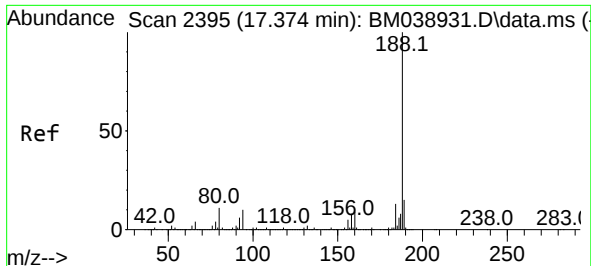
Tgt Ion:330 Resp: 851625
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 39.2 32.2 48.4



#45
2-Fluorobiphenyl
Concen: 58.778 ng
RT: 13.233 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

Tgt Ion:172 Resp: 3445288
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.6 19.1 28.7

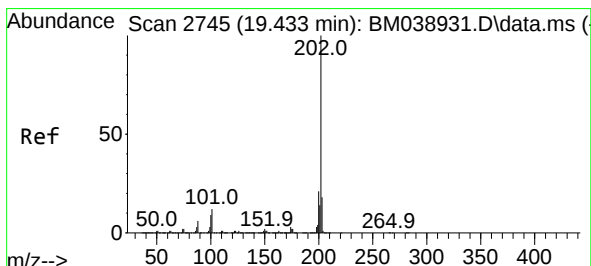
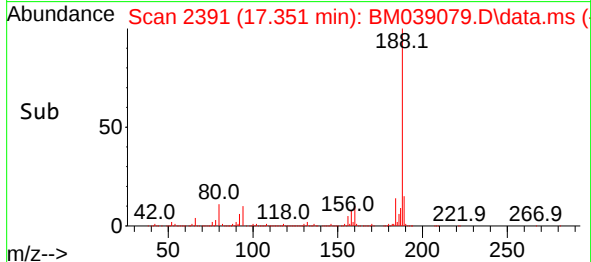
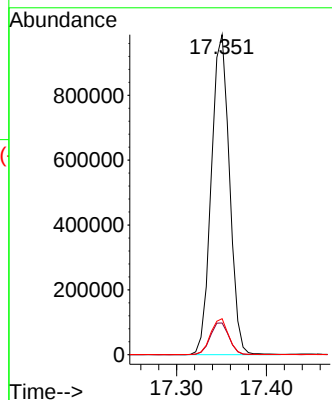
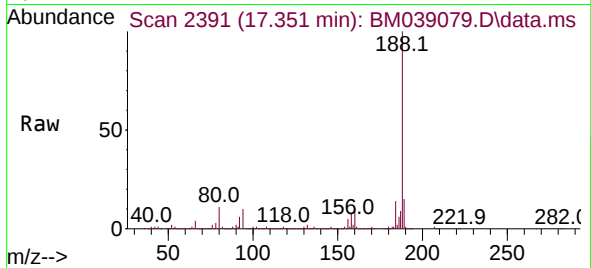




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

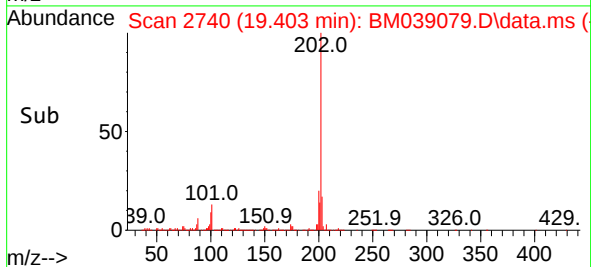
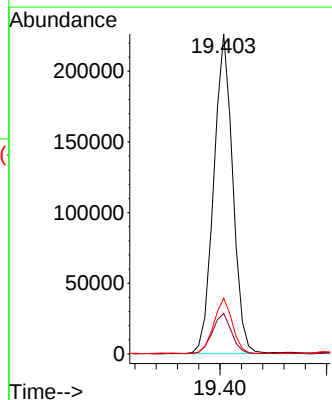
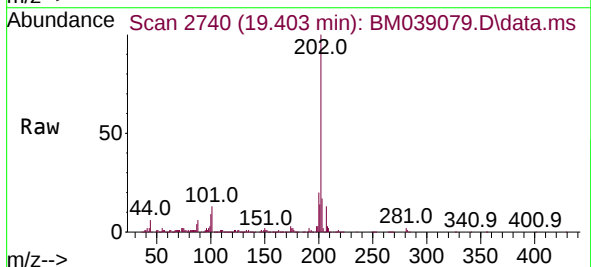
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BNA_M
ClientSampleId :
IRV-1

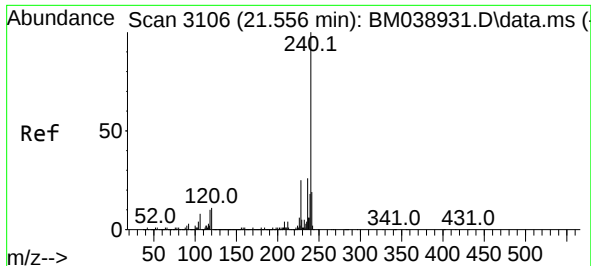
Tgt Ion:188 Resp: 1396273
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 11.2 8.5 12.7



#75
Fluoranthene
Concen: 3.243 ng
RT: 19.403 min Scan# 2740
Delta R.T. -0.006 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

Tgt Ion:202 Resp: 280578
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.7
203 17.4 0.0 37.6

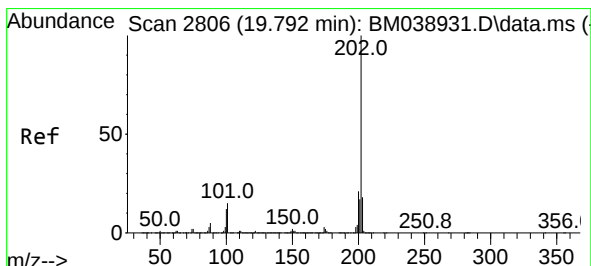
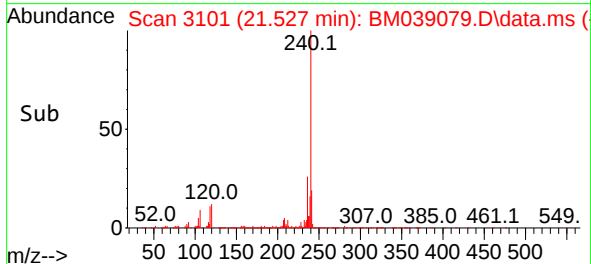
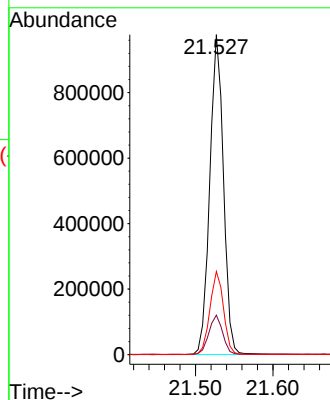
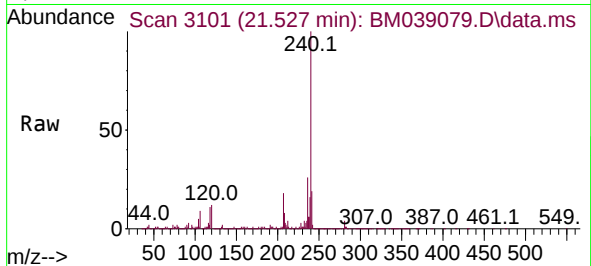




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

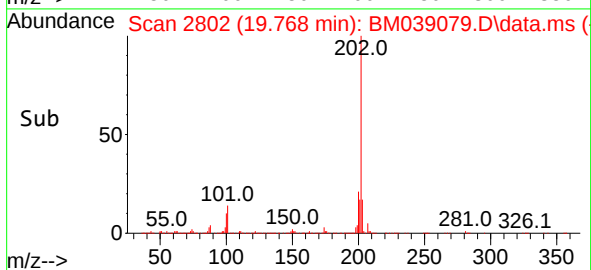
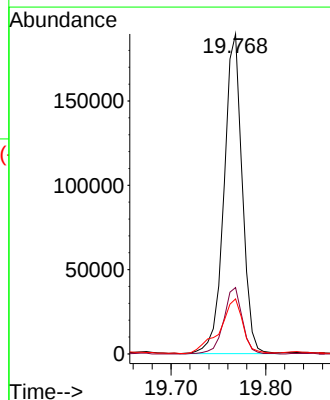
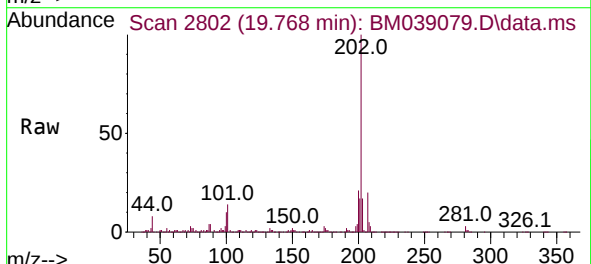
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ClientSampleId :
IRV-1

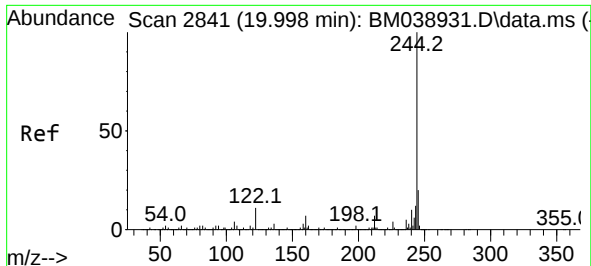
Tgt Ion:240 Resp: 1197348
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 26.0 20.8 31.2



#78
Pyrene
Concen: 2.806 ng
RT: 19.768 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

Tgt Ion:202 Resp: 252371
Ion Ratio Lower Upper
202 100
200 20.7 17.1 25.7
203 17.2 14.1 21.1

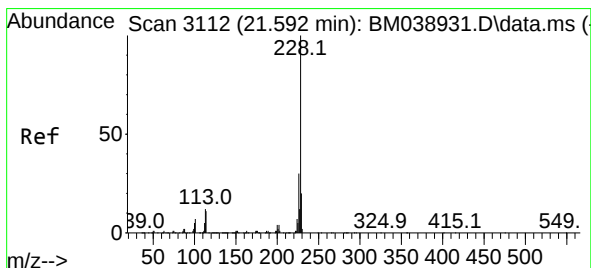
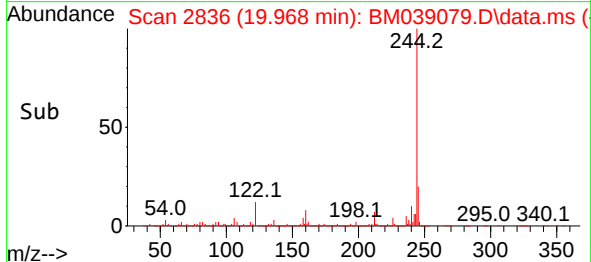
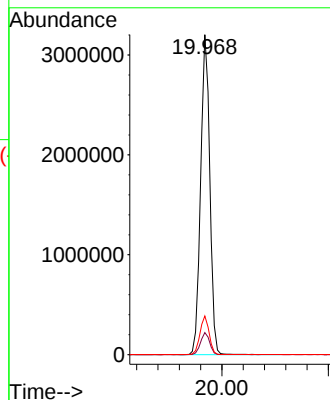
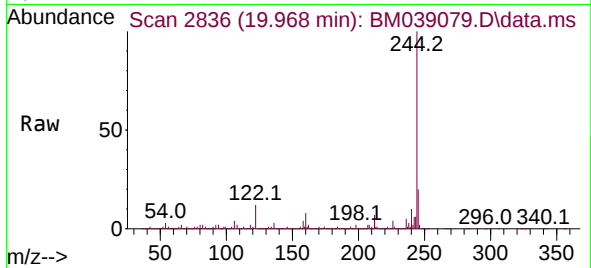




#79
 Terphenyl-d14
 Concen: 58.149 ng
 RT: 19.968 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: BM039079.D
 Acq: 21 Mar 2023 21:30

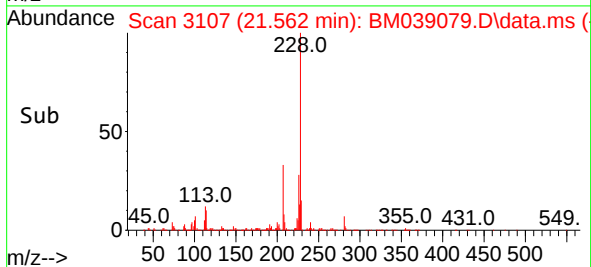
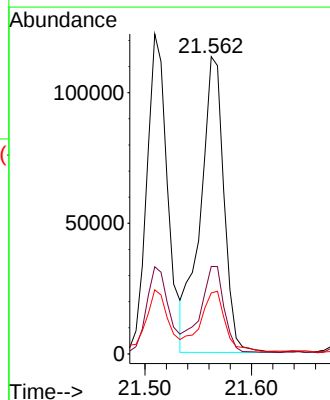
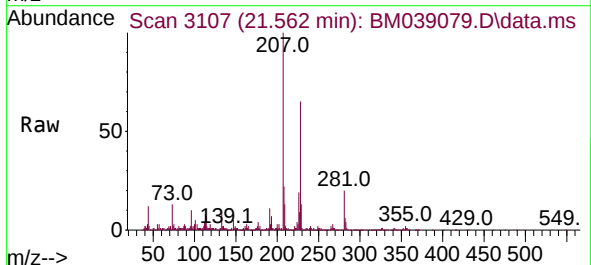
Instrument :
 BNA_M
 ClientSampleId :
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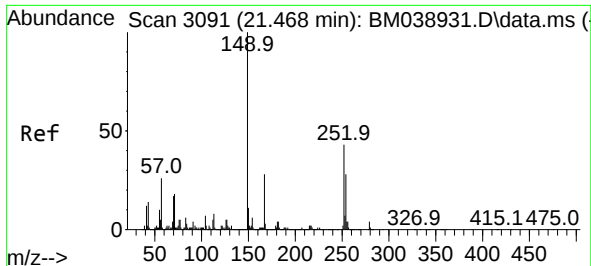
Tgt Ion:244 Resp: 3808063
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.1 9.0 13.4



#83
 Chrysene
 Concen: 2.084 ng
 RT: 21.562 min Scan# 3107
 Delta R.T. -0.006 min
 Lab File: BM039079.D
 Acq: 21 Mar 2023 21:30

Tgt Ion:228 Resp: 174762
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.0 36.0
 229 20.5 16.0 24.0

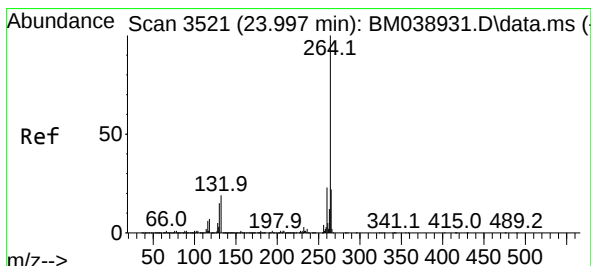
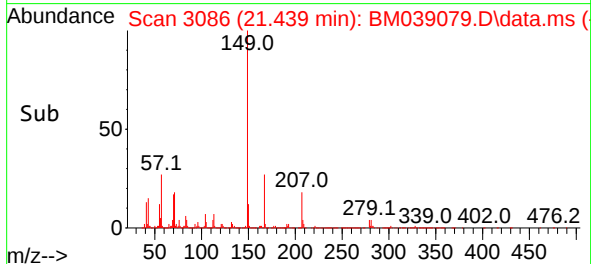
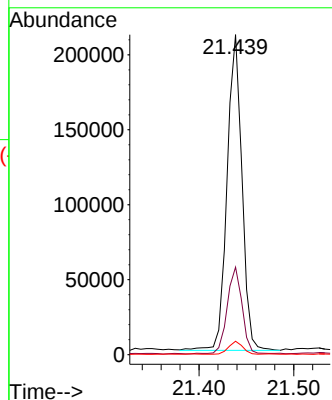
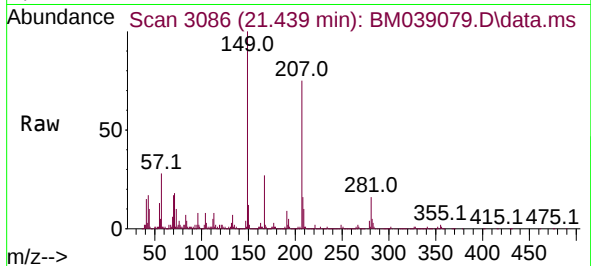




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.421 ng
RT: 21.439 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

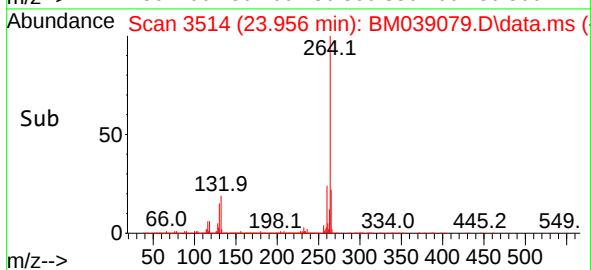
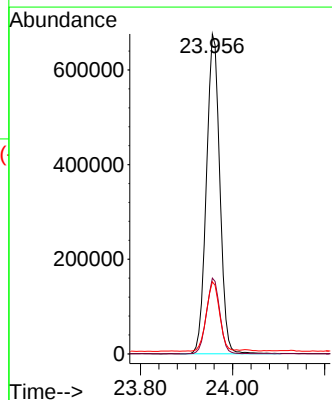
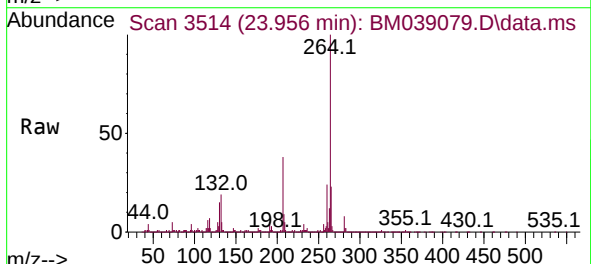
Instrument :
BNA_M
ClientSampleId :
IRV-1

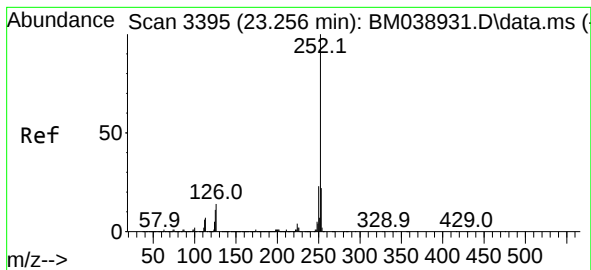
Tgt Ion:149 Resp: 229470
Ion Ratio Lower Upper
149 100
167 27.3 22.3 33.5
279 4.2 3.2 4.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.956 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BM039079.D
Acq: 21 Mar 2023 21:30

Tgt Ion:264 Resp: 1355226
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.5 17.9 26.9





#88

Benzo(b)fluoranthene

Concen: 2.773 ng

RT: 23.215 min Scan# 33

Delta R.T. -0.006 min

Lab File: BM039079.D

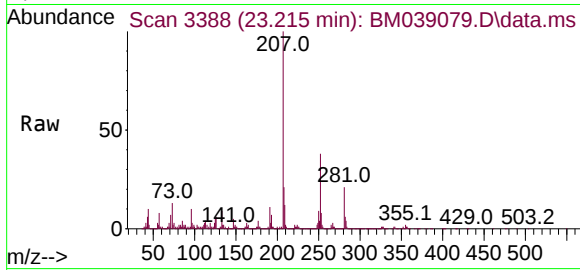
Acq: 21 Mar 2023 21:30

Instrument :

BNA_M

ClientSampleId :

IRV-1



Tgt Ion:252 Resp: 240061

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 13.9 8.8 13.2#

