

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038765.D
 Acq On : 16 Feb 2023 20:03
 Operator : CG/JU
 Sample : 01562-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-3-021523

Quant Time: Feb 17 06:11:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

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

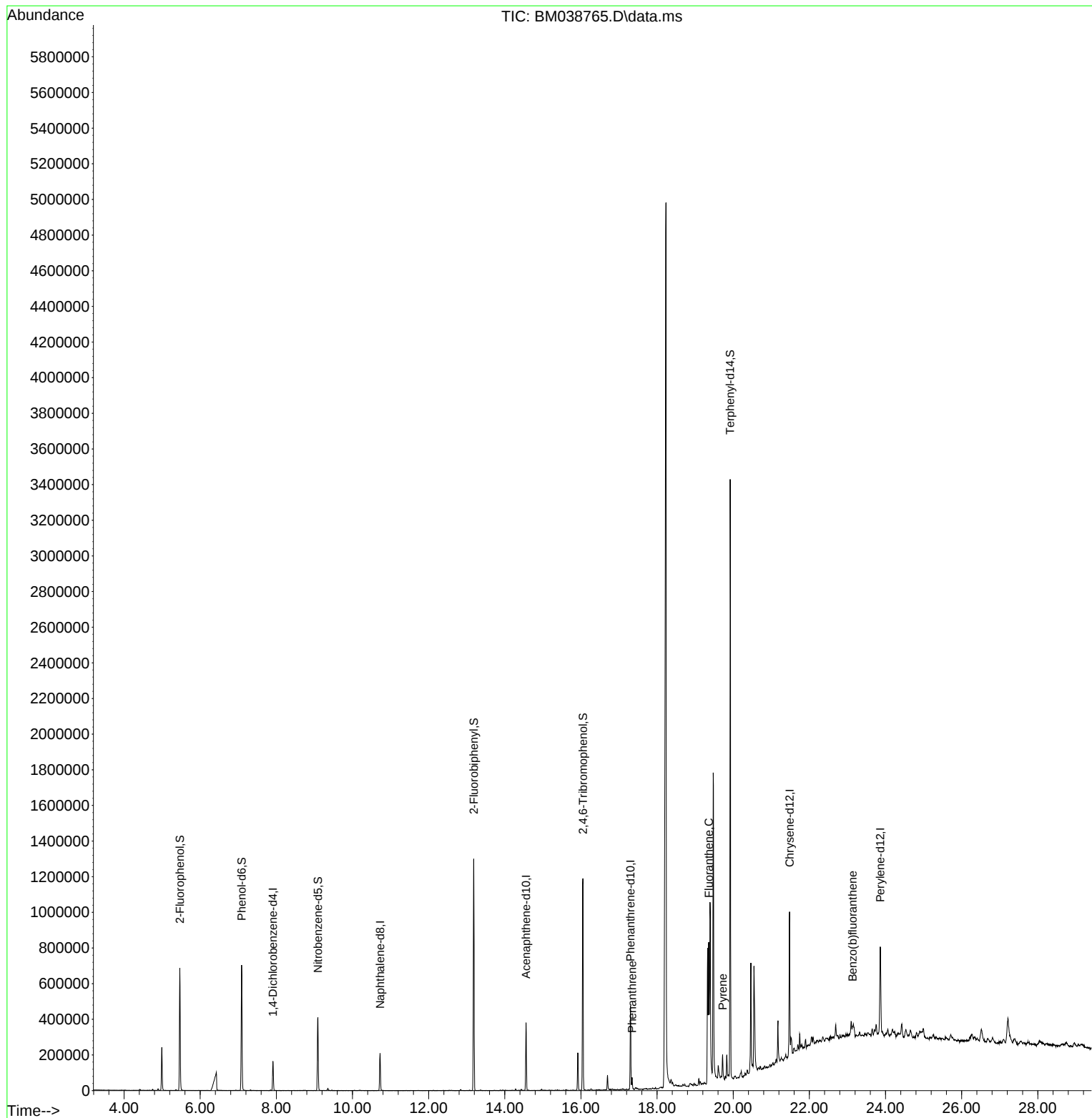
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	46558	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	181087	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	122422	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	268178	20.000	ng	# 0.00
76) Chrysene-d12	21.480	240	298356	20.000	ng	0.00
86) Perylene-d12	23.862	264	343254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	306117	128.798	ng	0.00
7) Phenol-d6	7.087	99	397563	146.663	ng	0.00
23) Nitrobenzene-d5	9.092	82	224387	70.382	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	196308	117.975	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	653661	67.976	ng	0.00
79) Terphenyl-d14	19.921	244	1289302	76.258	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.345	178	37556	2.359	ng	99
75) Fluoranthene	19.356	202	59021	3.530	ng	90
78) Pyrene	19.721	202	72530	3.158	ng	98
88) Benzo(b)fluoranthene	23.133	252	42985	2.091	ng	# 87

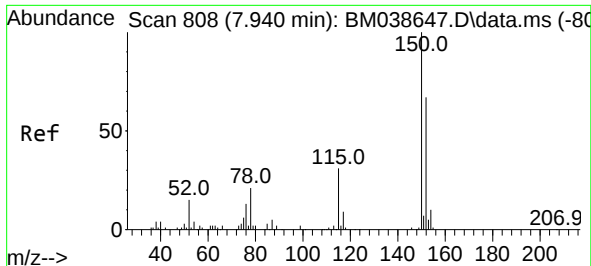
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 17 06:10:11 2023
Response via : Initial Calibration

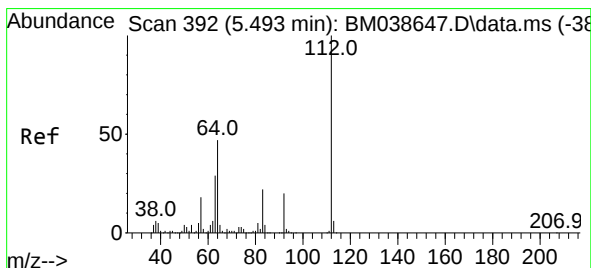
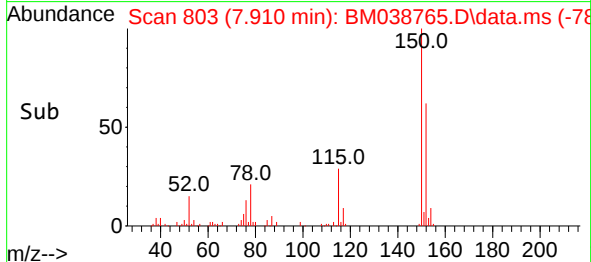
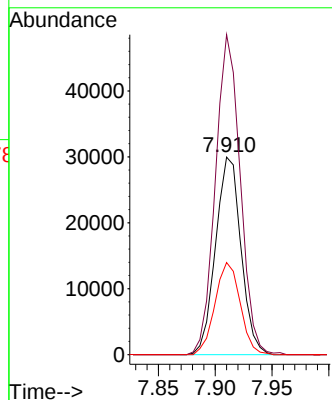
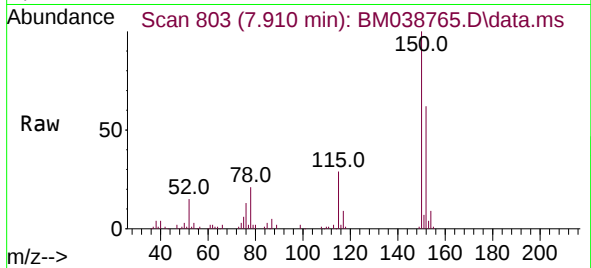




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

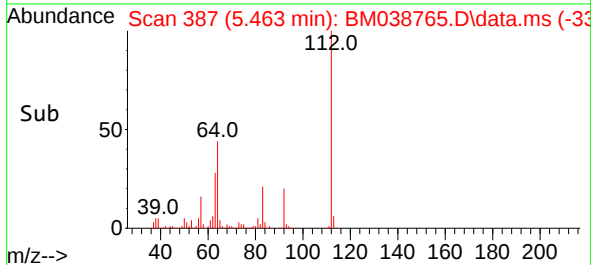
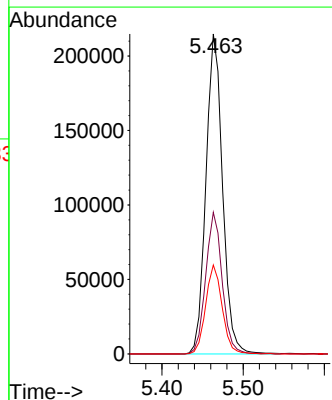
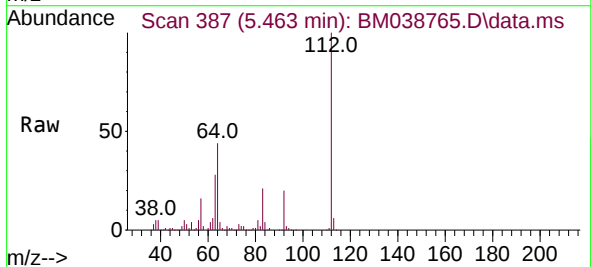
Instrument :
BNA_M
ClientSampleId :
BU-3-021523

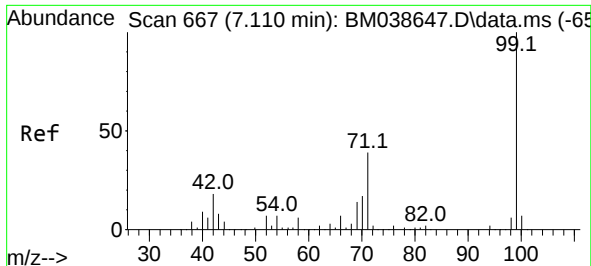
Tgt Ion:152 Resp: 46558
Ion Ratio Lower Upper
152 100
150 162.0 119.5 179.3
115 46.6 37.6 56.4



#5
2-Fluorophenol
Concen: 128.798 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

Tgt Ion:112 Resp: 306117
Ion Ratio Lower Upper
112 100
64 44.2 37.9 56.9
63 27.8 23.3 34.9

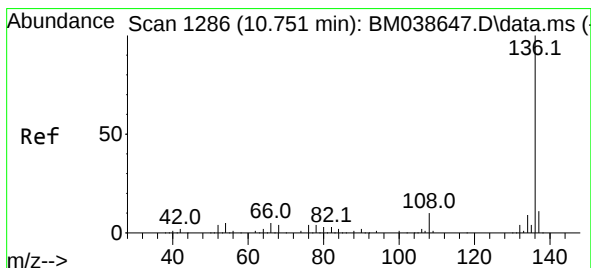
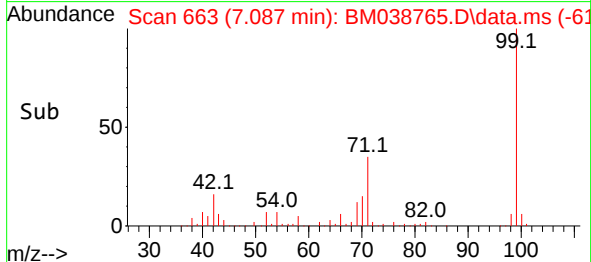
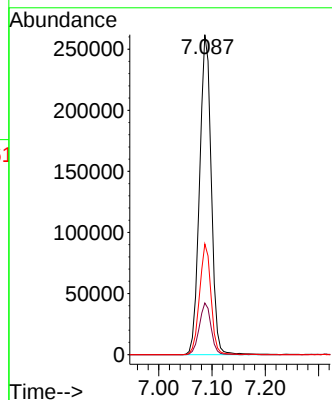
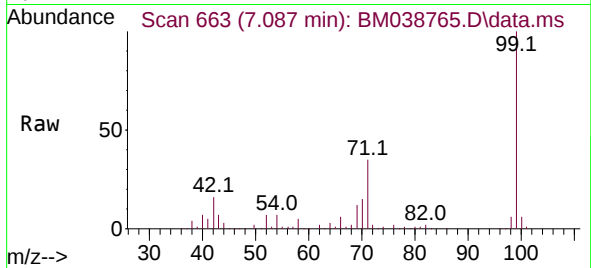




#7
Phenol-d6
Concen: 146.663 ng
RT: 7.087 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

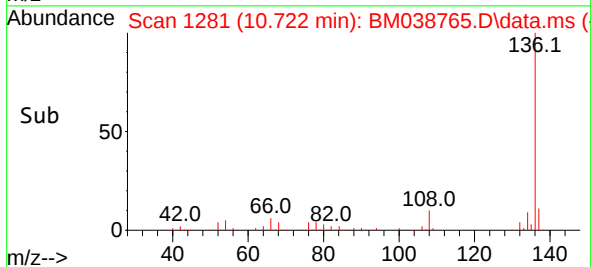
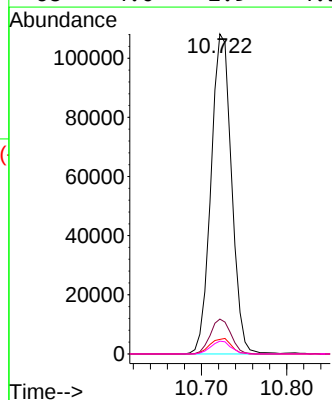
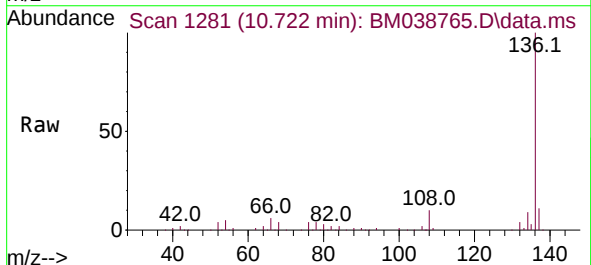
Instrument :
BNA_M
ClientSampleId :
BU-3-021523

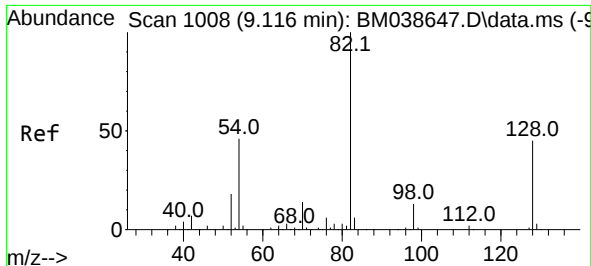
Tgt Ion: 99 Resp: 397563
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 34.6 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

Tgt Ion: 136 Resp: 181087
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 4.5 4.2 6.4
68 4.0 2.9 4.3

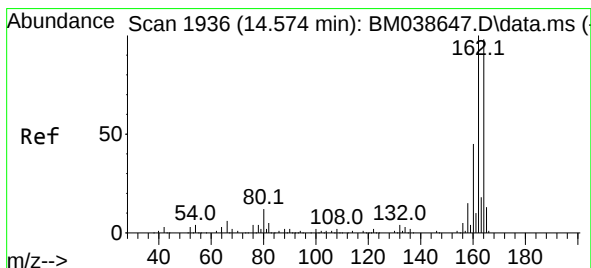
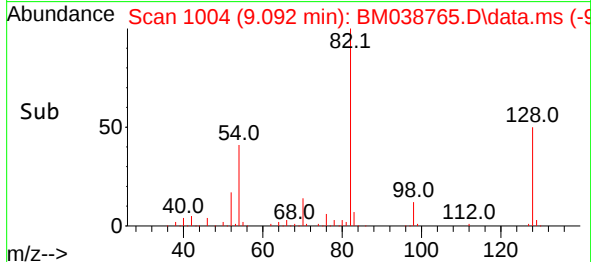
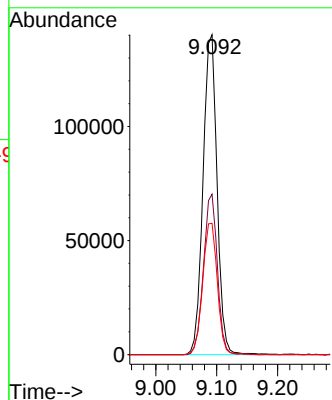
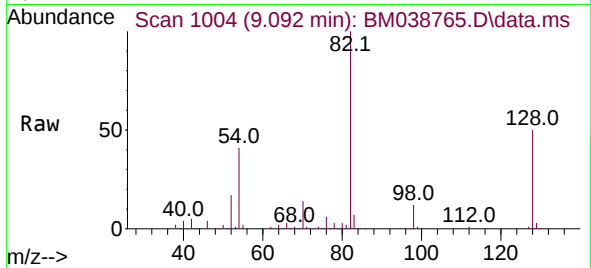




#23
Nitrobenzene-d5
Concen: 70.382 ng
RT: 9.092 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

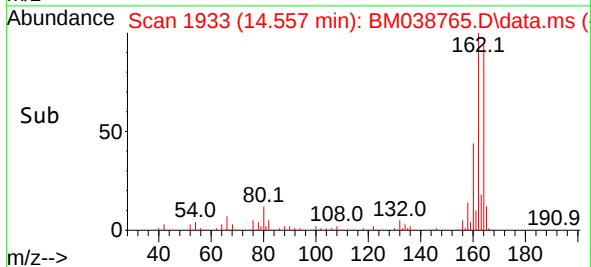
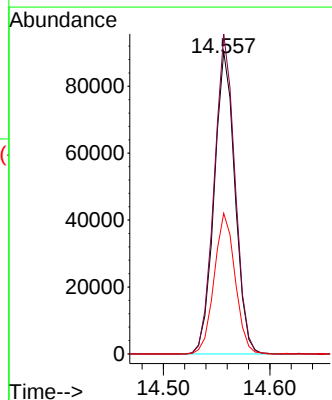
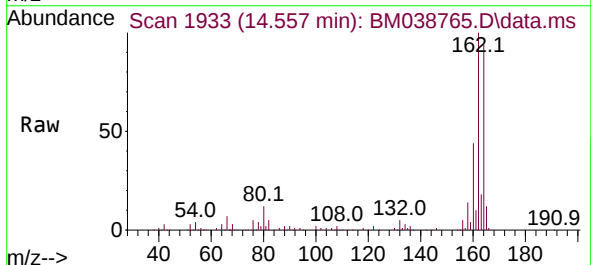
Instrument :
BNA_M
ClientSampleId :
BU-3-021523

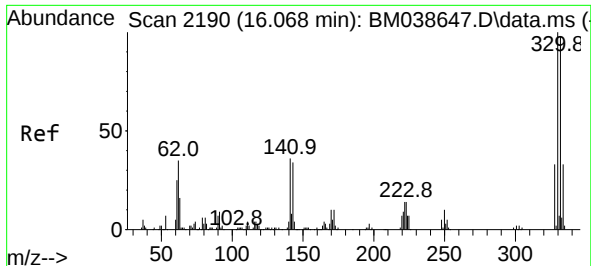
Tgt Ion: 82 Resp: 224387
Ion Ratio Lower Upper
82 100
128 50.1 36.0 54.0
54 41.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

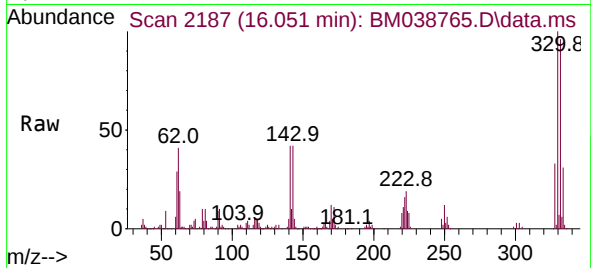
Tgt Ion: 164 Resp: 122422
Ion Ratio Lower Upper
164 100
162 105.9 81.4 122.0
160 46.5 36.5 54.7



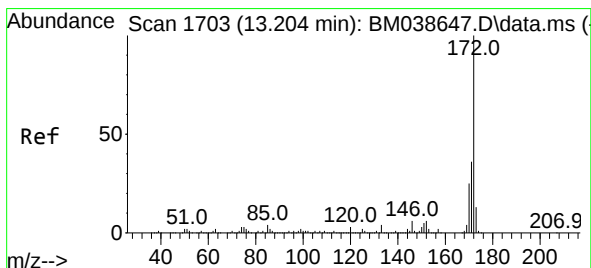
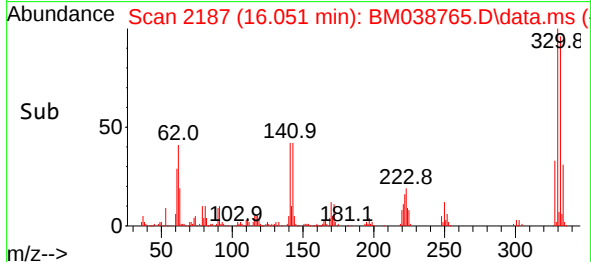
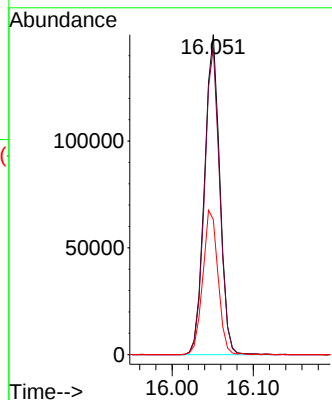


#42
2,4,6-Tribromophenol
Concen: 117.975 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

Instrument :
BNA_M
ClientSampleId :
BU-3-021523

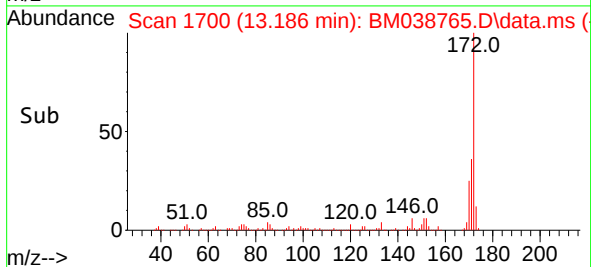
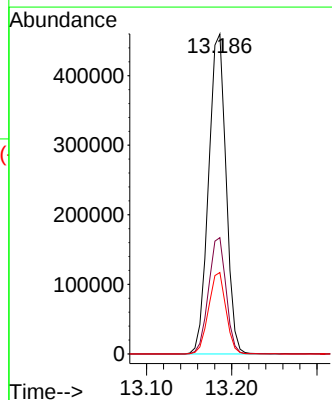
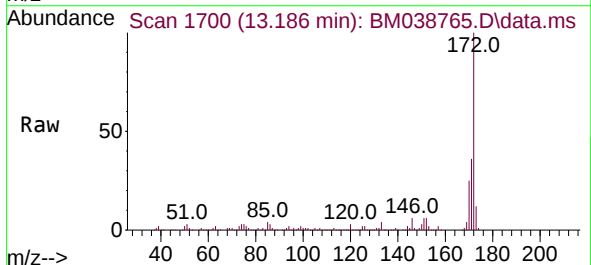


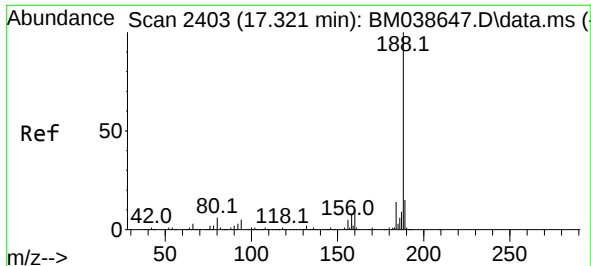
Tgt Ion:330 Resp: 196308
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.6
141 44.8 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 67.976 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

Tgt Ion:172 Resp: 653661
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 25.4 20.0 30.0

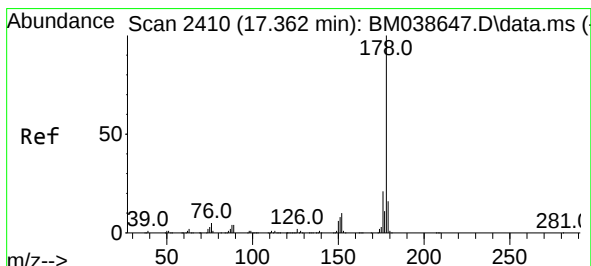
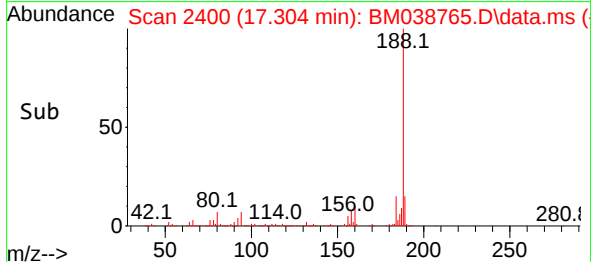
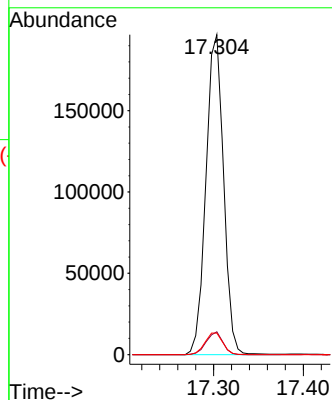
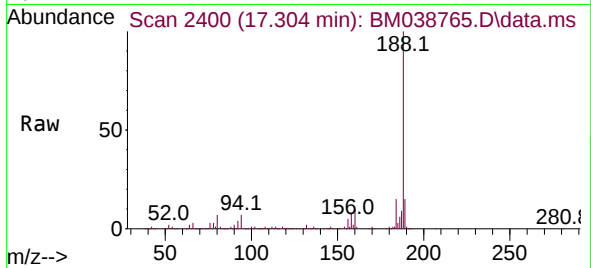




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

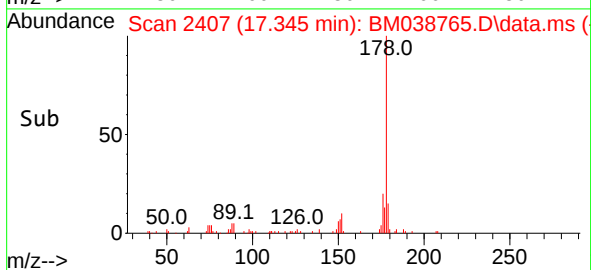
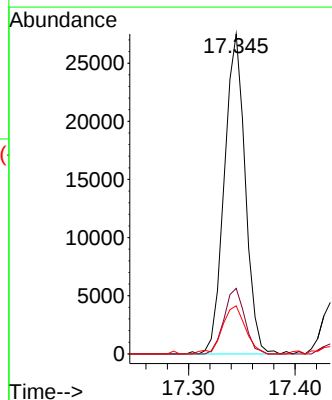
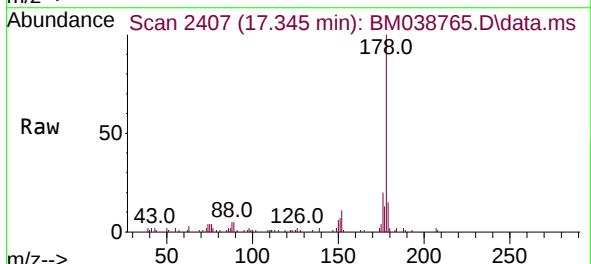
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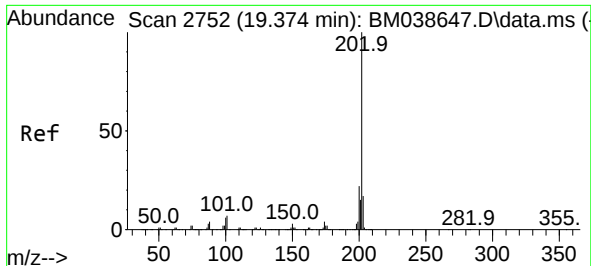
Tgt Ion:188 Resp: 268178
Ion Ratio Lower Upper
188 100
94 7.1 4.2 6.4#
80 6.7 4.6 7.0



#71
Phenanthrene
Concen: 2.359 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

Tgt Ion:178 Resp: 37556
Ion Ratio Lower Upper
178 100
176 20.5 16.7 25.1
179 15.0 12.5 18.7

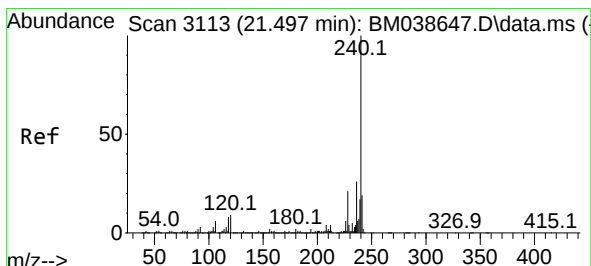
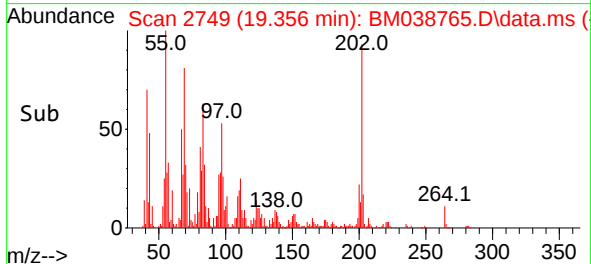
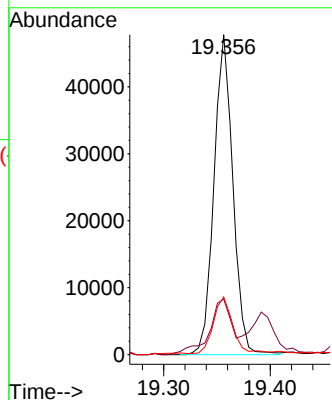
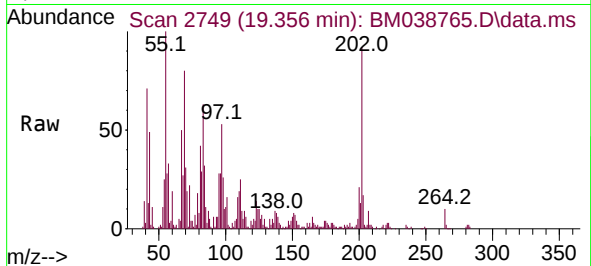




#75
Fluoranthene
Concen: 3.530 ng
RT: 19.356 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

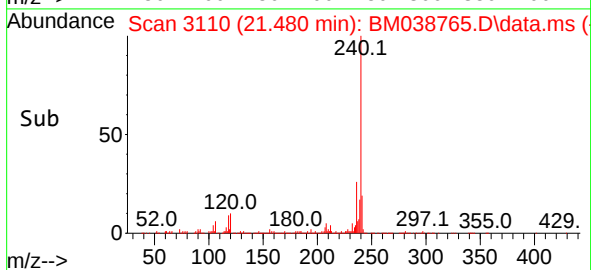
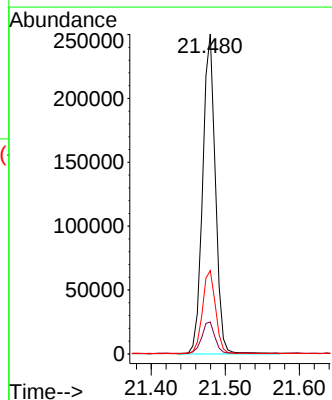
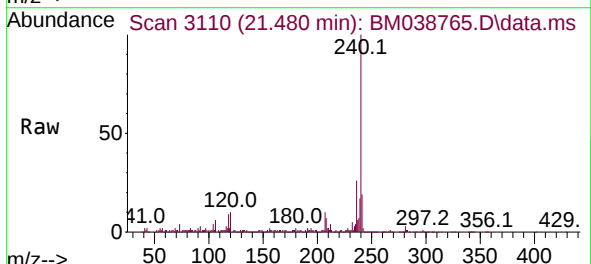
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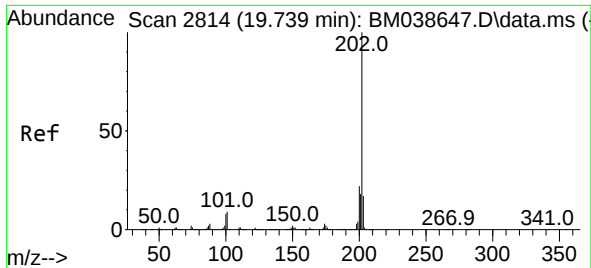
Tgt Ion:202 Resp: 59021
Ion Ratio Lower Upper
202 100
101 17.3 0.0 27.4
203 18.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM038765.D
Acq: 16 Feb 2023 20:03

Tgt Ion:240 Resp: 298356
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.4
236 26.0 20.9 31.3

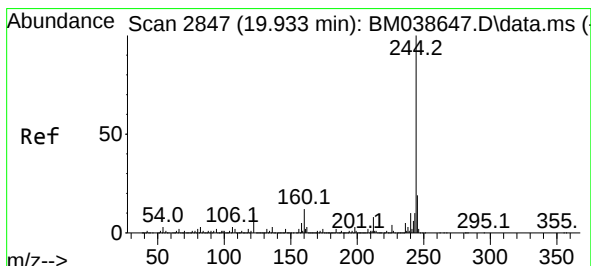
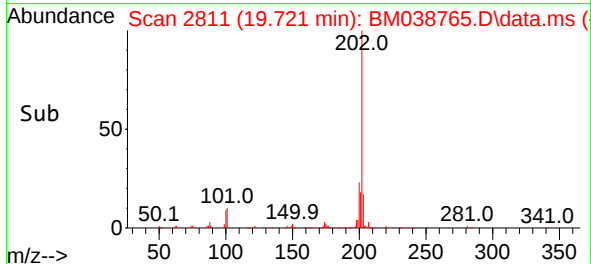
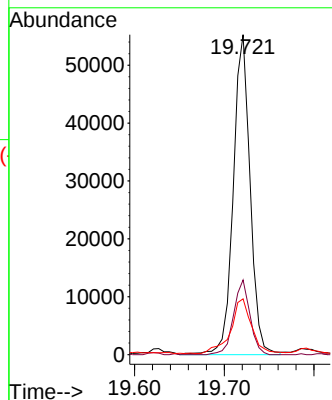
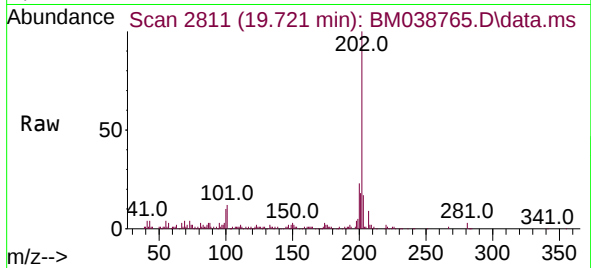




#78
 Pyrene
 Concen: 3.158 ng
 RT: 19.721 min Scan# 2814
 Delta R.T. -0.000 min
 Lab File: BM038765.D
 Acq: 16 Feb 2023 20:03

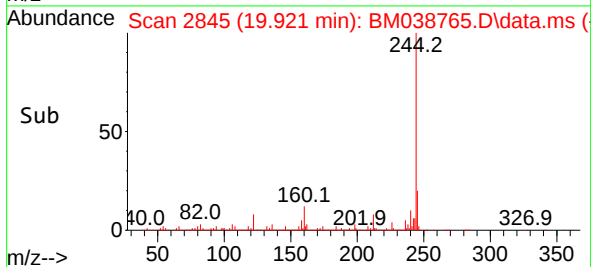
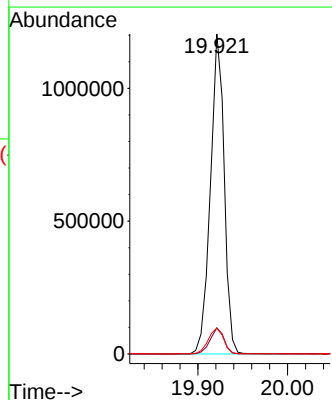
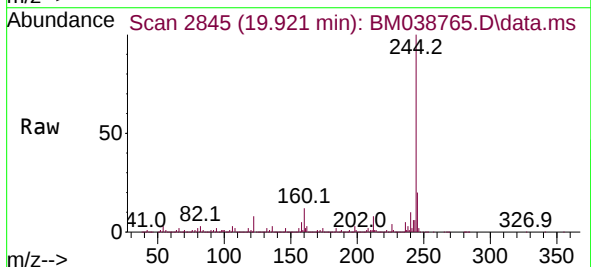
Instrument :
 BNA_M
 ClientSampleId :
 BU-3-021523

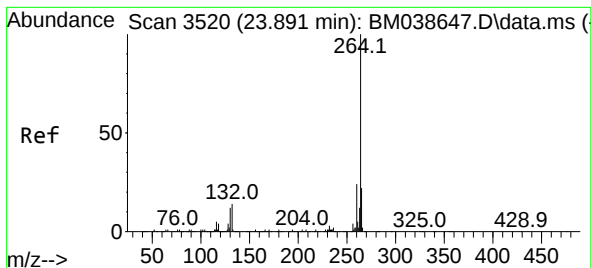
Tgt Ion:202 Resp: 72530
 Ion Ratio Lower Upper
 202 100
 200 23.3 17.8 26.6
 203 17.4 13.5 20.3



#79
 Terphenyl-d14
 Concen: 76.258 ng
 RT: 19.921 min Scan# 2845
 Delta R.T. -0.000 min
 Lab File: BM038765.D
 Acq: 16 Feb 2023 20:03

Tgt Ion:244 Resp: 1289302
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 8.1 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.862 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038765.D

Acq: 16 Feb 2023 20:03

Instrument :

BNA_M

ClientSampleId :

BU-3-021523

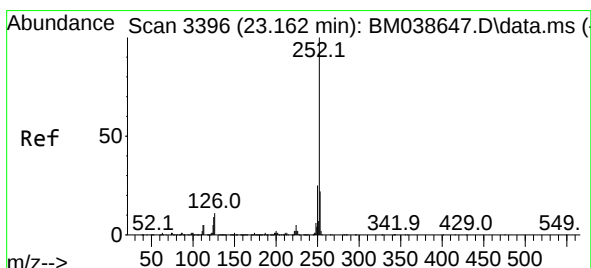
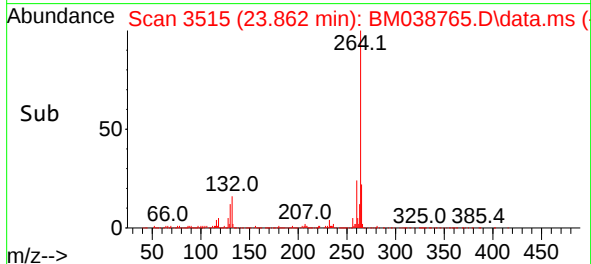
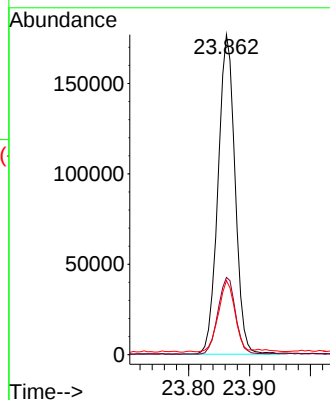
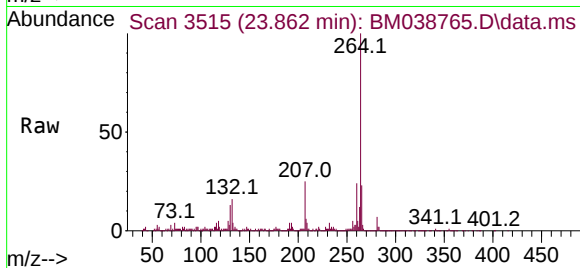
Tgt Ion:264 Resp: 343254

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 23.2 17.9 26.9



#88

Benzo(b)fluoranthene

Concen: 2.091 ng

RT: 23.133 min Scan# 3391

Delta R.T. -0.006 min

Lab File: BM038765.D

Acq: 16 Feb 2023 20:03

Tgt Ion:252 Resp: 42985

Ion Ratio Lower Upper

252 100

253 27.7 17.4 26.2#

125 14.6 7.0 10.6#

