

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038801.D
 Acq On : 20 Feb 2023 23:56
 Operator : CG/JU
 Sample : 01610-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CF-1

Quant Time: Feb 21 02:11:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

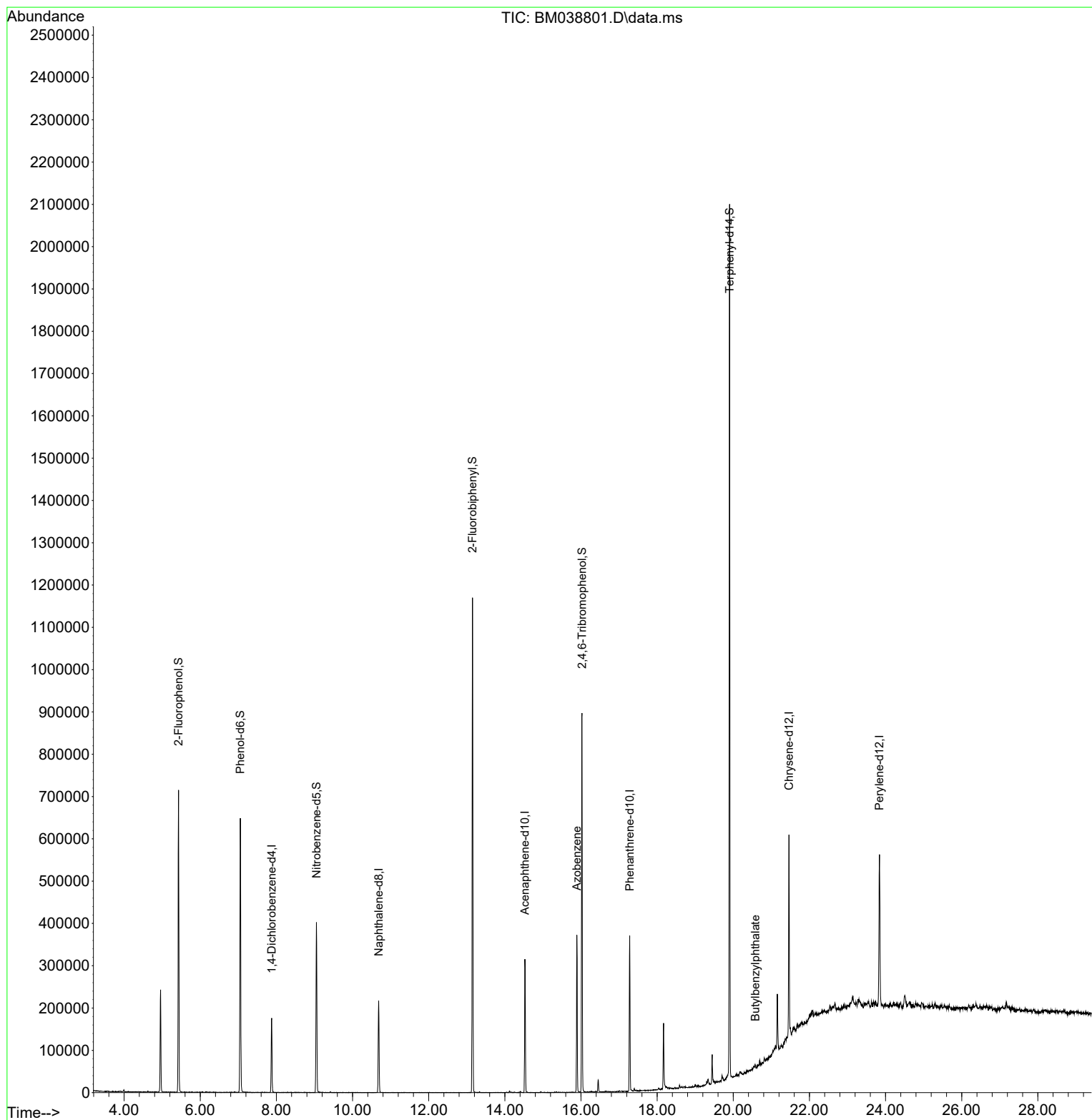
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	49893	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	180427	20.000	ng	0.00
39) Acenaphthene-d10	14.527	164	103885	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	199788	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	183793	20.000	ng	0.00
86) Perylene-d12	23.839	264	237003	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	308693	121.200	ng	0.00
7) Phenol-d6	7.051	99	366598	126.200	ng	0.00
23) Nitrobenzene-d5	9.051	82	218171	68.683	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	152320	107.873	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	557517	68.323	ng	0.00
79) Terphenyl-d14	19.903	244	794723	76.305	ng	0.00
Target Compounds						
63) Azobenzene	15.892	77	97542	15.786	ng	# 1
80) Butylbenzylphthalate	20.580	149	534	2.017	ng	# 90

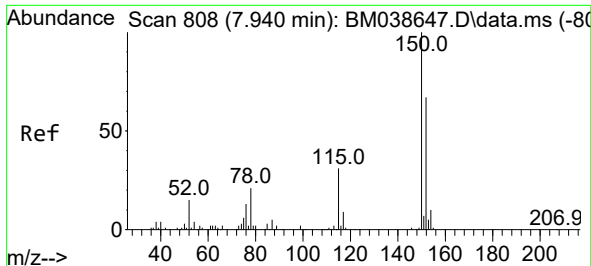
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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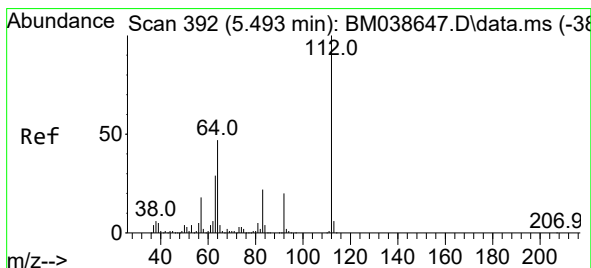
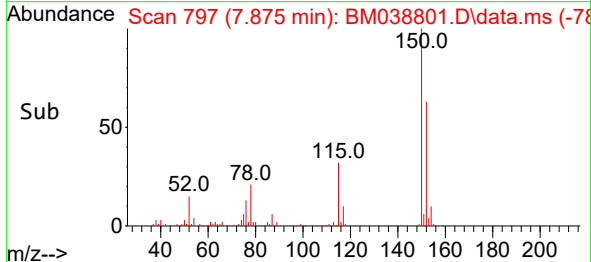
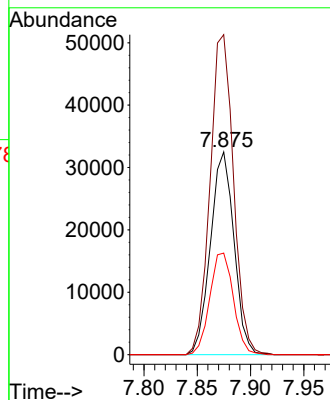
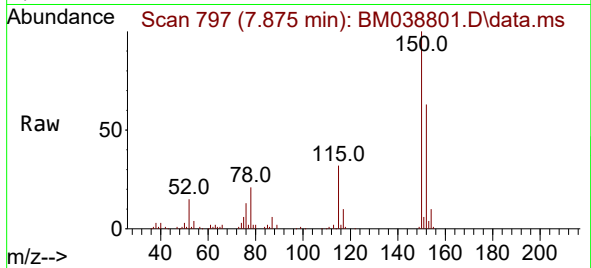




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

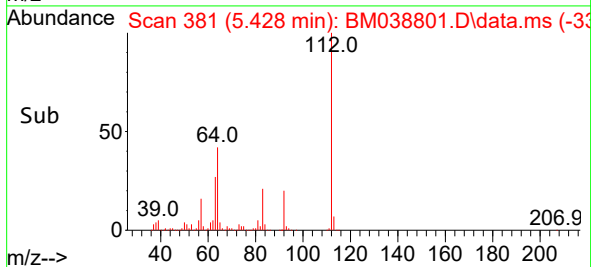
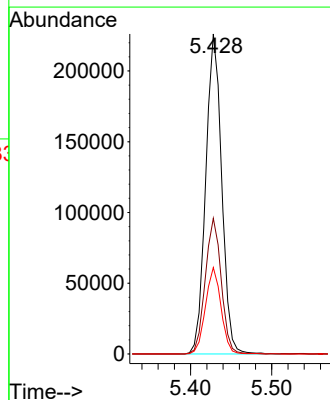
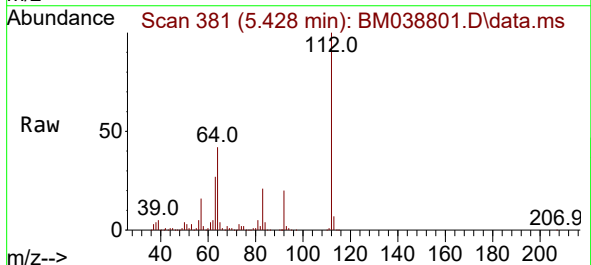
Instrument :
BNA_M
ClientSampleId :
CF-1

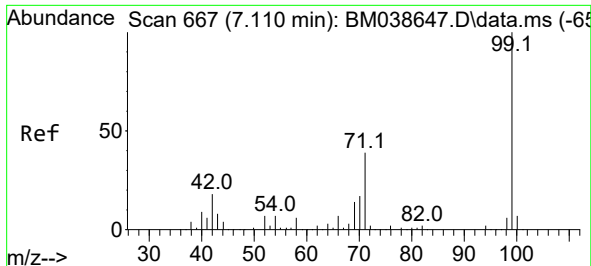
Tgt Ion:152 Resp: 49893
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 50.2 37.6 56.4



#5
2-Fluorophenol
Concen: 121.200 ng
RT: 5.428 min Scan# 381
Delta R.T. -0.006 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

Tgt Ion:112 Resp: 308693
Ion Ratio Lower Upper
112 100
64 42.4 37.9 56.9
63 27.0 23.3 34.9

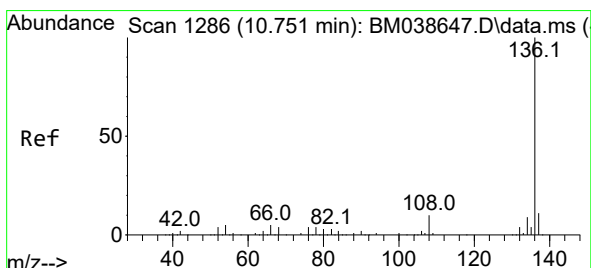
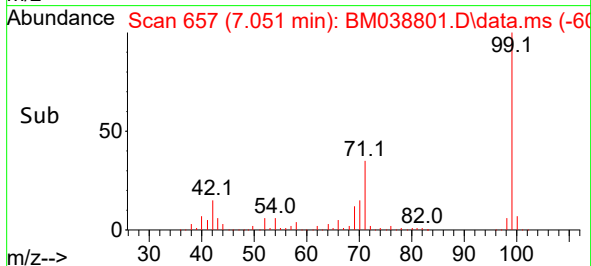
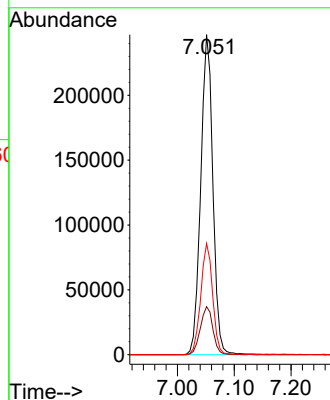
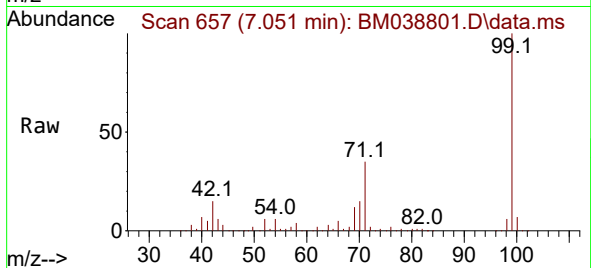




#7
Phenol-d6
Concen: 126.200 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

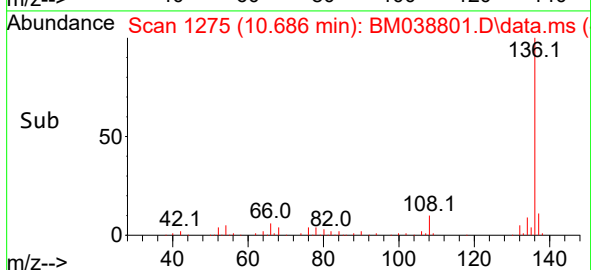
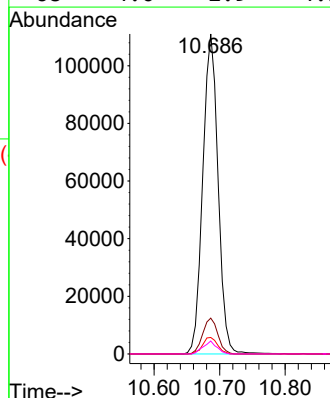
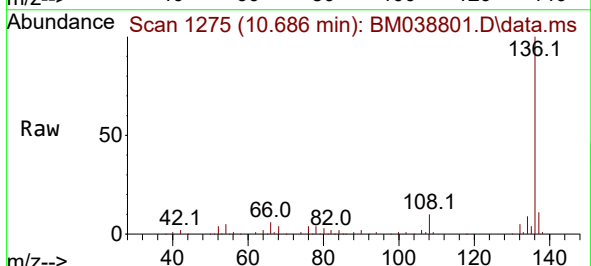
Instrument :
BNA_M
ClientSampleId :
CF-1

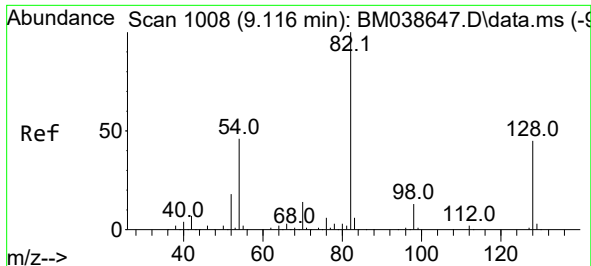
Tgt Ion: 99 Resp: 366598
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 34.7 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

Tgt Ion: 136 Resp: 180427
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.1 4.2 6.4
68 4.0 2.9 4.3

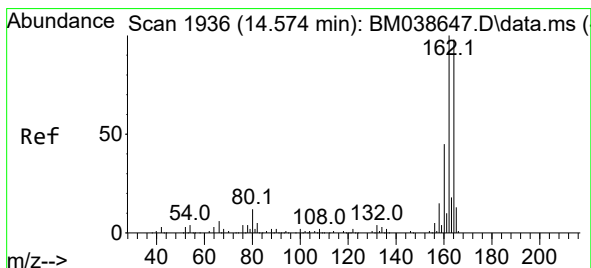
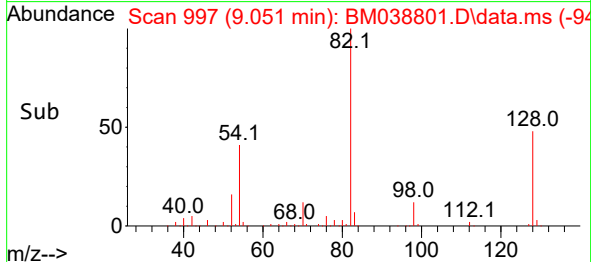
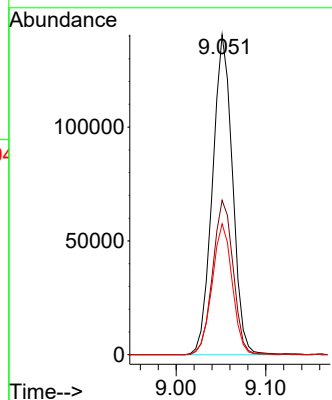
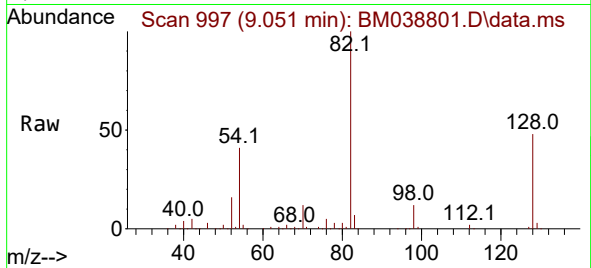




#23
Nitrobenzene-d5
Concen: 68.683 ng
RT: 9.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

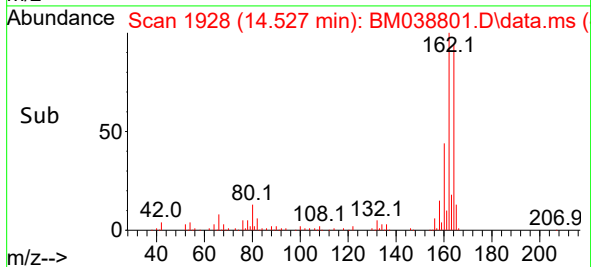
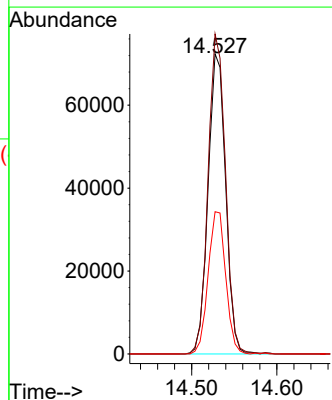
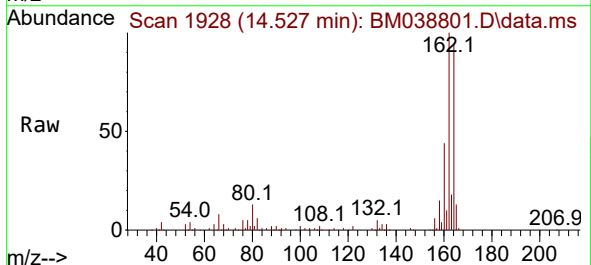
Instrument :
BNA_M
ClientSampleId :
CF-1

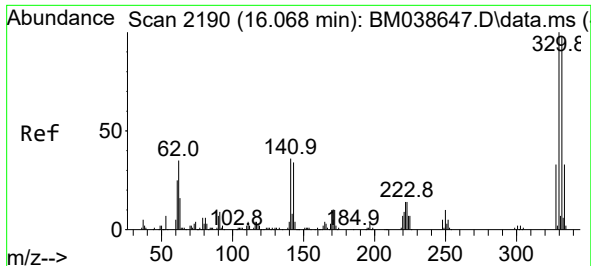
Tgt Ion: 82 Resp: 218171
Ion Ratio Lower Upper
82 100
128 48.2 36.0 54.0
54 40.9 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

Tgt Ion:164 Resp: 103885
Ion Ratio Lower Upper
164 100
162 106.6 81.4 122.0
160 47.4 36.5 54.7

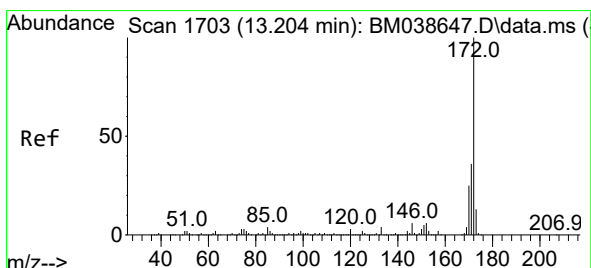
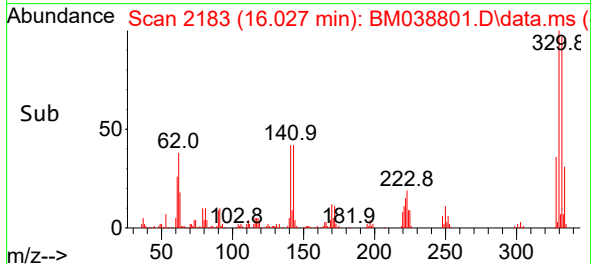
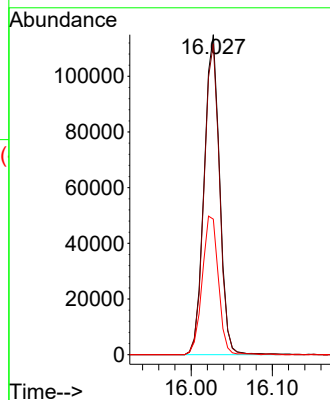
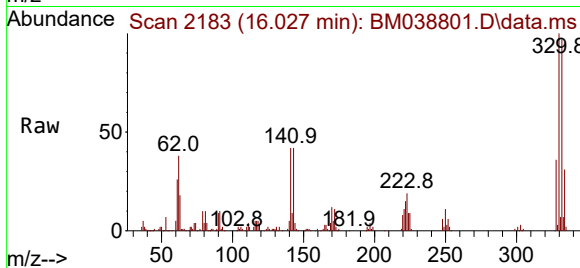




#42
2,4,6-Tribromophenol
Concen: 107.873 ng
RT: 16.027 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

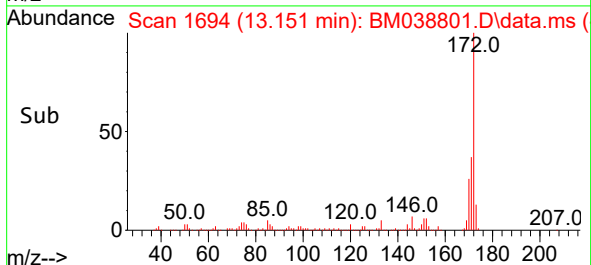
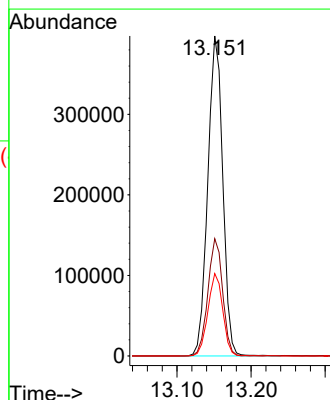
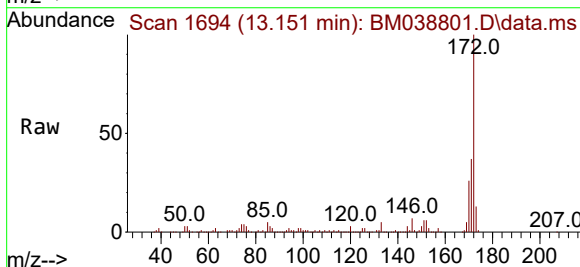
Instrument :
BNA_M
ClientSampleId :
CF-1

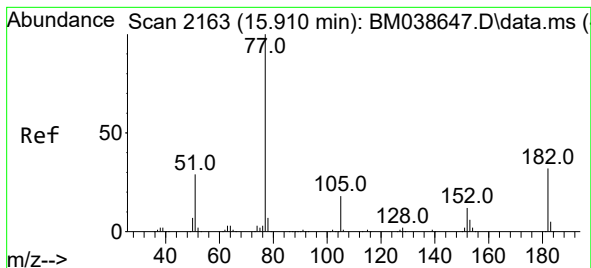
Tgt Ion:330 Resp: 152320
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 45.0 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 68.323 ng
RT: 13.151 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

Tgt Ion:172 Resp: 557517
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.8 20.0 30.0





#63

Azobenzene

Concen: 15.786 ng

RT: 15.892 min Scan# 2160

Delta R.T. 0.018 min

Lab File: BM038801.D

Acq: 20 Feb 2023 23:56

Instrument :

BNA_M

ClientSampleId :

CF-1

Tgt Ion: 77 Resp: 97542

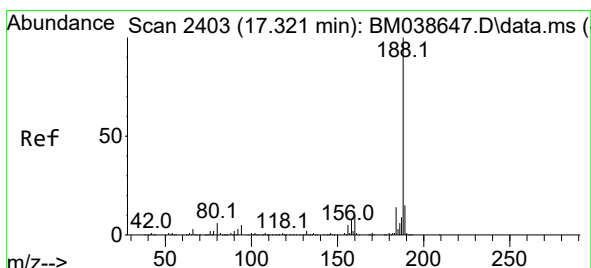
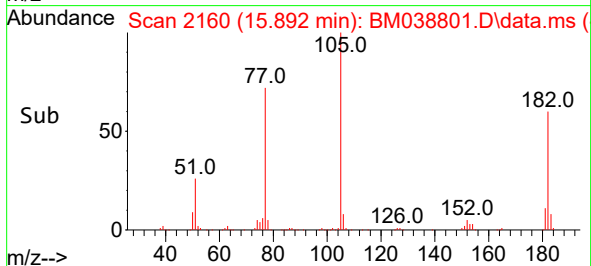
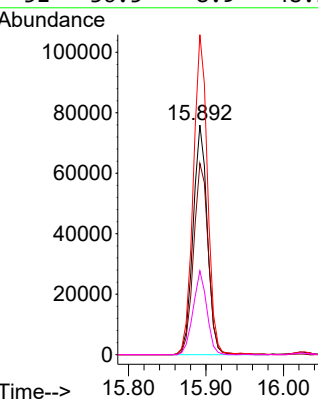
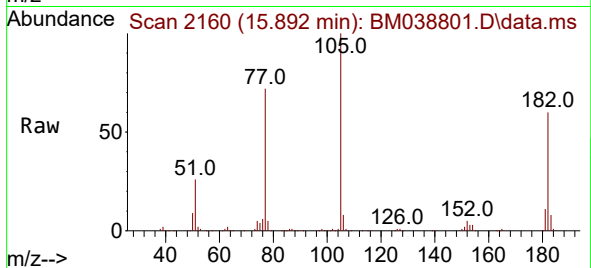
Ion Ratio Lower Upper

77 100

182 83.3 12.0 52.0#

105 139.4 0.0 37.5#

51 36.5 8.9 48.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 2396

Delta R.T. -0.006 min

Lab File: BM038801.D

Acq: 20 Feb 2023 23:56

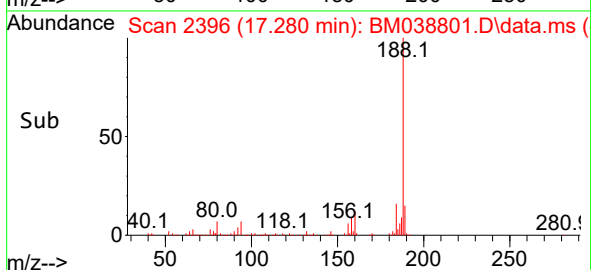
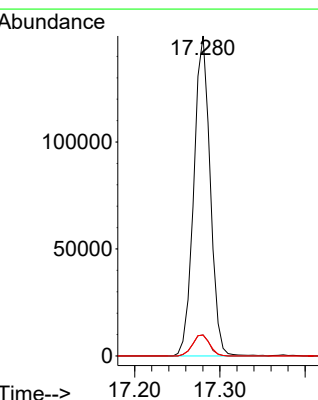
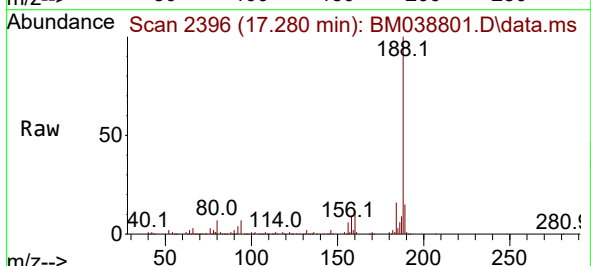
Tgt Ion:188 Resp: 199788

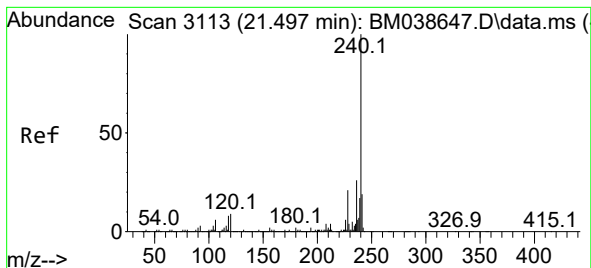
Ion Ratio Lower Upper

188 100

94 6.6 4.2 6.4#

80 6.5 4.6 7.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM038801.D

Acq: 20 Feb 2023 23:56

Instrument :

BNA_M

ClientSampleId :

CF-1

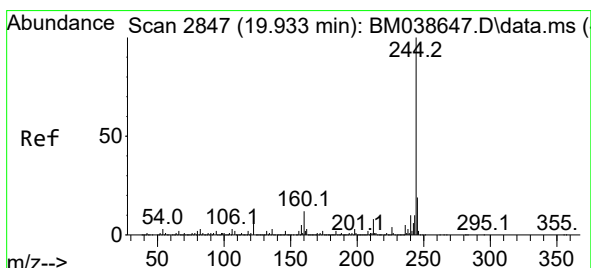
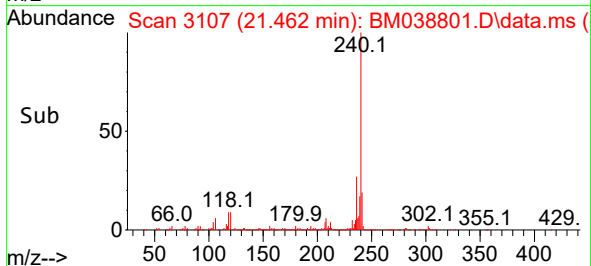
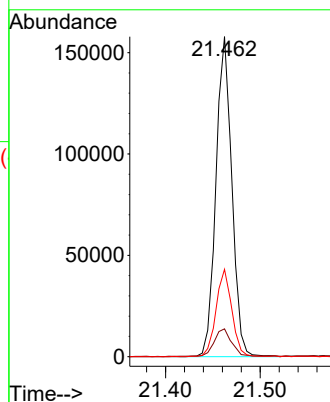
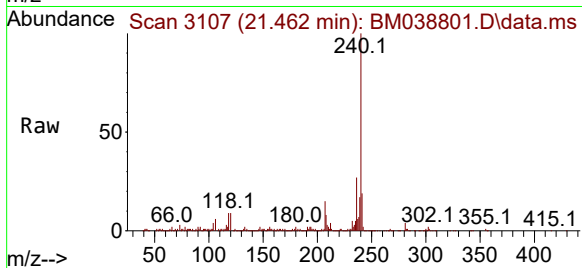
Tgt Ion:240 Resp: 183793

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.4

236 27.3 20.9 31.3



#79

Terphenyl-d14

Concen: 76.305 ng

RT: 19.903 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM038801.D

Acq: 20 Feb 2023 23:56

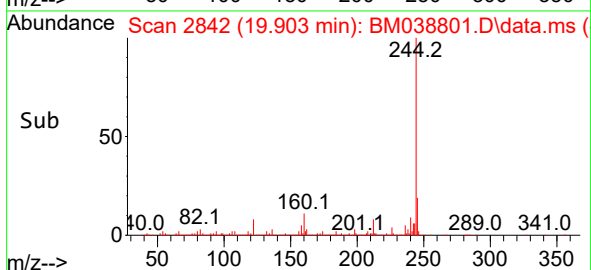
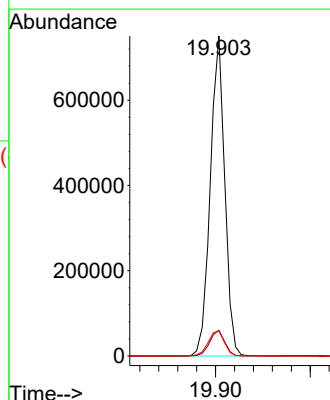
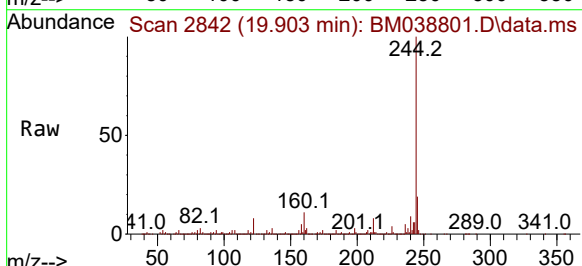
Tgt Ion:244 Resp: 794723

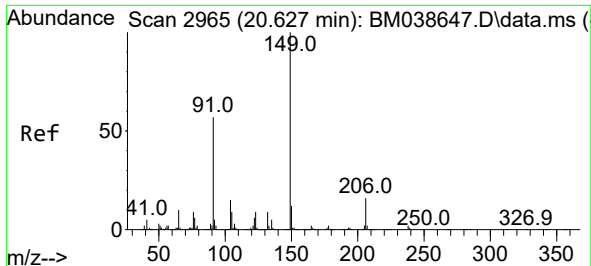
Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

122 7.8 7.8 11.8

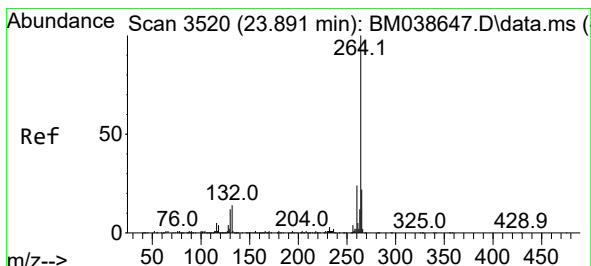
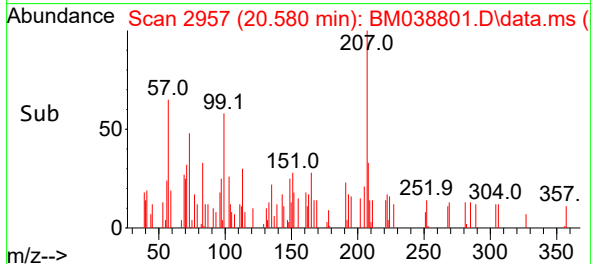
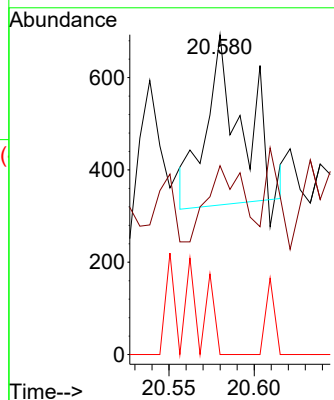
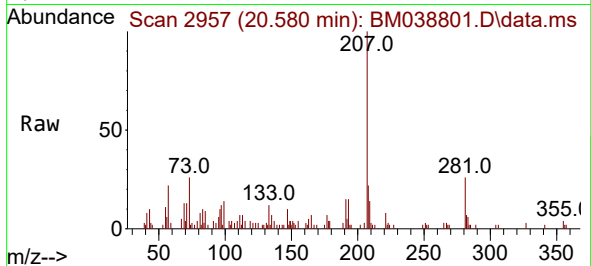




#80
Butylbenzylphthalate
Concen: 2.017 ng
RT: 20.580 min Scan# 2965
Delta R.T. -0.023 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

Instrument :
BNA_M
ClientSampleId :
CF-1

Tgt Ion:149 Resp: 534
Ion Ratio Lower Upper
149 100
91 59.0 45.6 68.4
206 0.0 12.5 18.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3511
Delta R.T. -0.012 min
Lab File: BM038801.D
Acq: 20 Feb 2023 23:56

Tgt Ion:264 Resp: 237003
Ion Ratio Lower Upper
264 100
260 25.3 19.6 29.4
265 22.8 17.9 26.9

