

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038795.D
 Acq On : 20 Feb 2023 20:12
 Operator : CG/JU
 Sample : 01610-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CF-2

Quant Time: Feb 21 02:10:17 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)

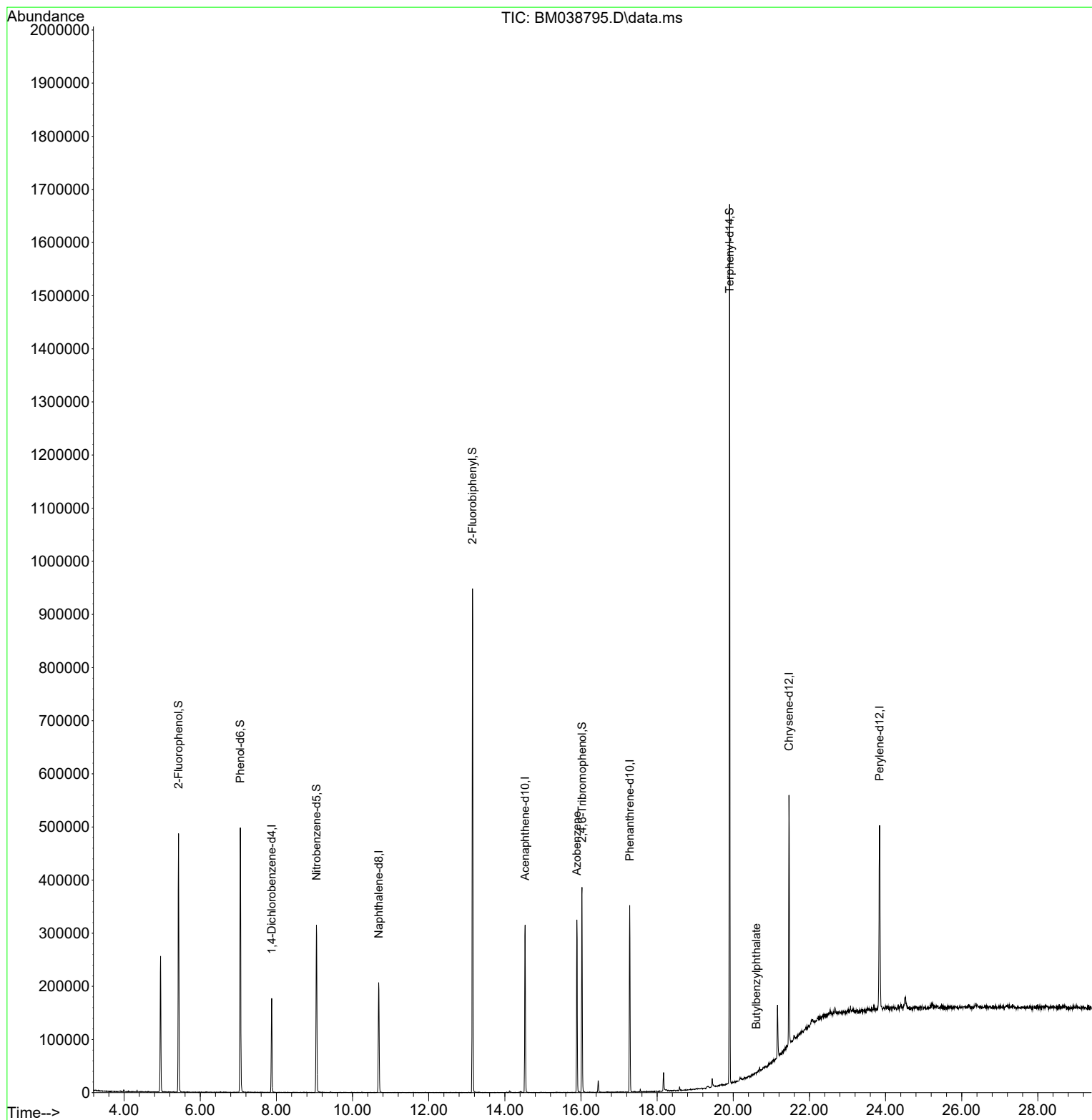
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	48073	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	173231	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	104098	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	195550	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	185937	20.000	ng	0.00
86) Perylene-d12	23.844	264	238190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	213594	87.037	ng	0.00
7) Phenol-d6	7.051	99	278199	99.395	ng	0.00
23) Nitrobenzene-d5	9.051	82	175026	57.389	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	67281	47.551	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	457516	55.953	ng	0.00
79) Terphenyl-d14	19.904	244	628317	59.632	ng	0.00
Target Compounds						
63) Azobenzene	15.892	77	85078	13.741	ng	# 1
80) Butylbenzylphthalate	20.603	149	486	2.010	ng	# 76

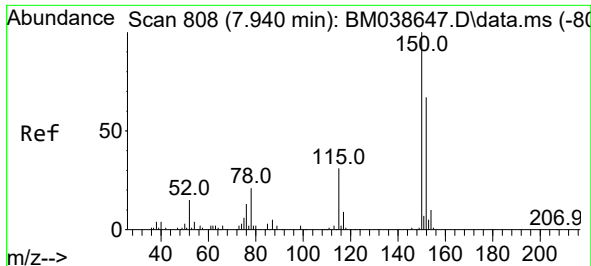
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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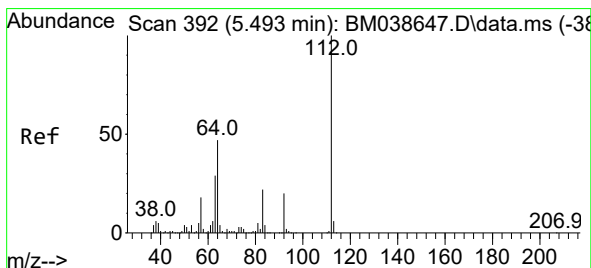
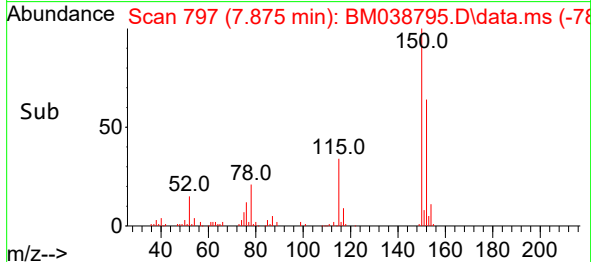
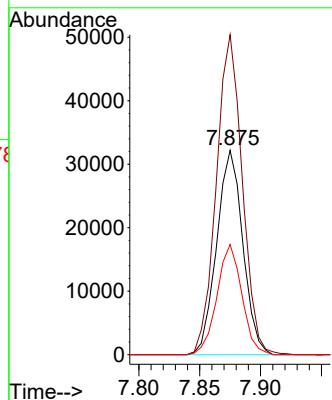
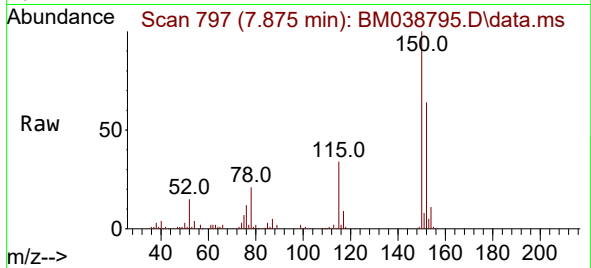




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

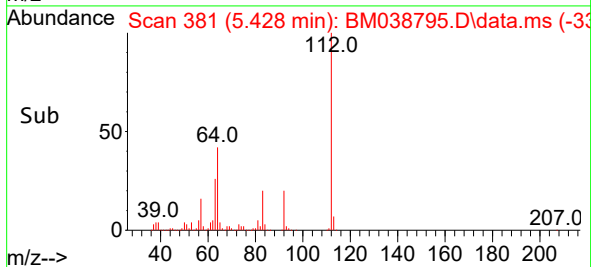
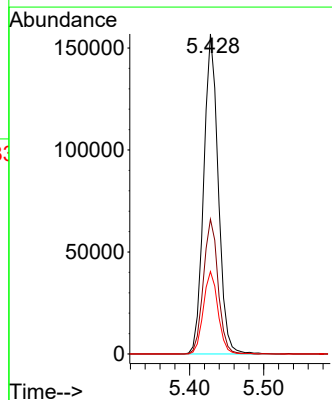
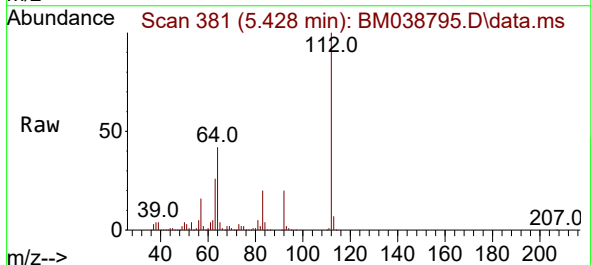
Instrument :
BNA_M
ClientSampleId :
CF-2

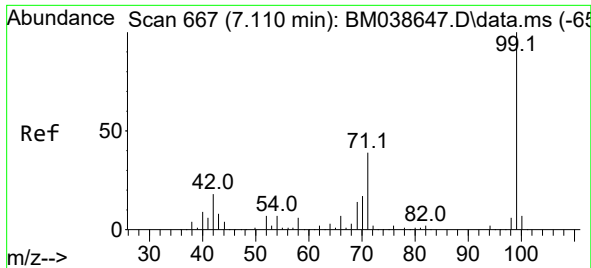
Tgt Ion:152 Resp: 48073
Ion Ratio Lower Upper
152 100
150 156.6 119.5 179.3
115 53.9 37.6 56.4



#5
2-Fluorophenol
Concen: 87.037 ng
RT: 5.428 min Scan# 381
Delta R.T. -0.006 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

Tgt Ion:112 Resp: 213594
Ion Ratio Lower Upper
112 100
64 42.1 37.9 56.9
63 25.7 23.3 34.9

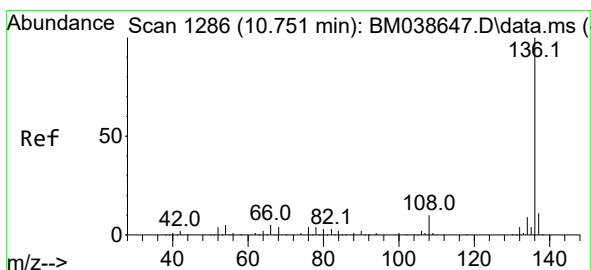
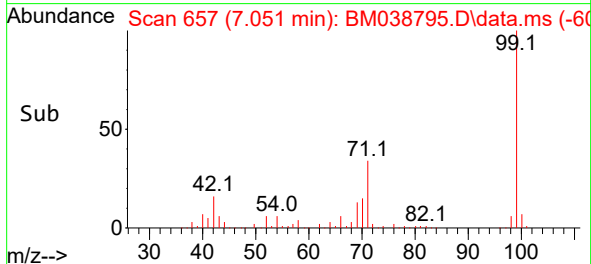
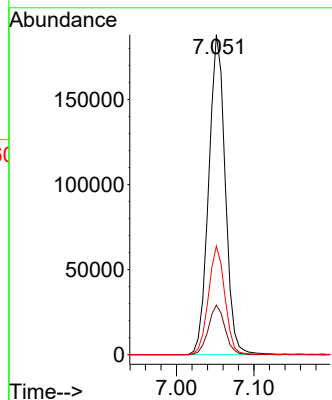
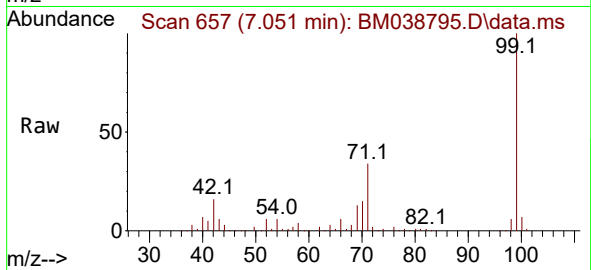




#7
Phenol-d6
Concen: 99.395 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

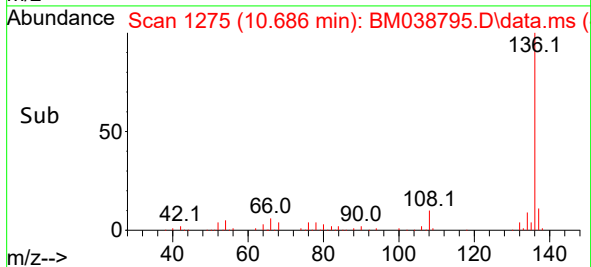
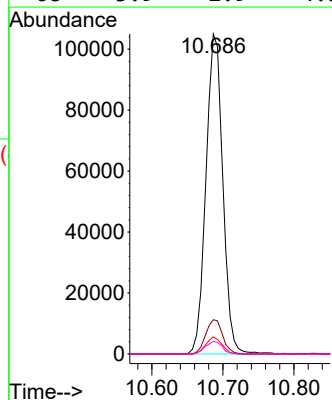
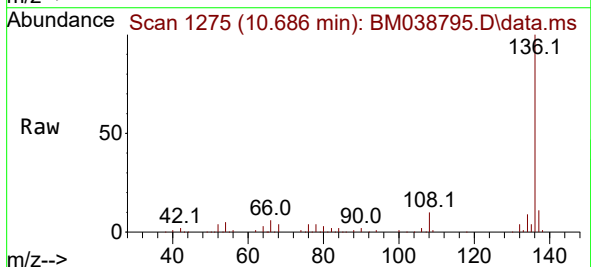
Instrument :
BNA_M
ClientSampleId :
CF-2

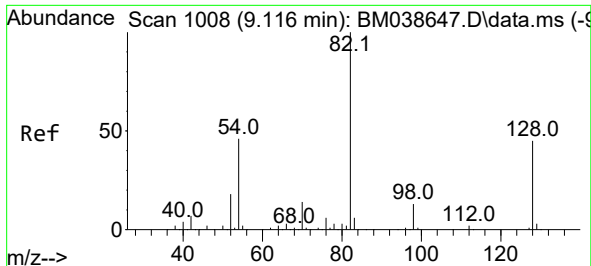
Tgt Ion: 99 Resp: 278199
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 34.0 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

Tgt Ion: 136 Resp: 173231
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 5.3 4.2 6.4
68 3.9 2.9 4.3

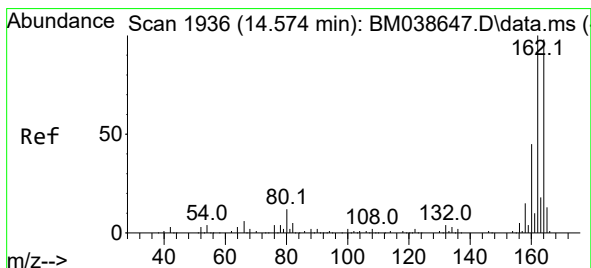
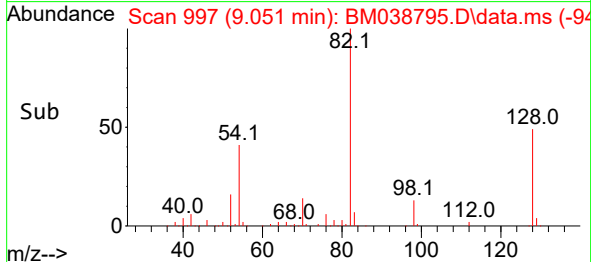
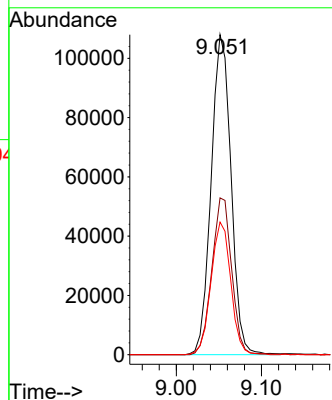
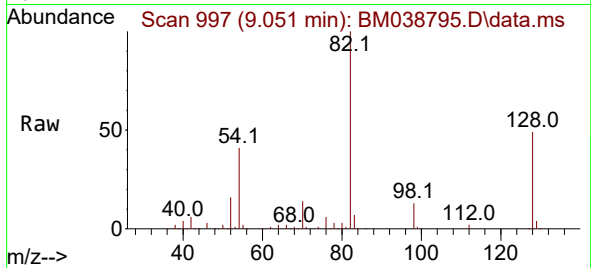




#23
Nitrobenzene-d5
Concen: 57.389 ng
RT: 9.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

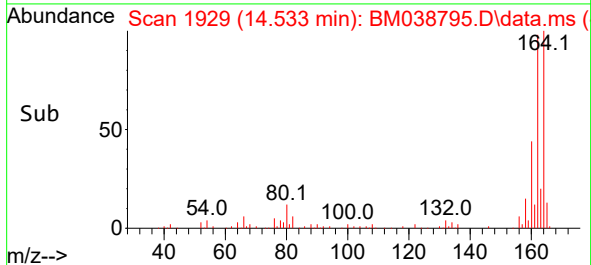
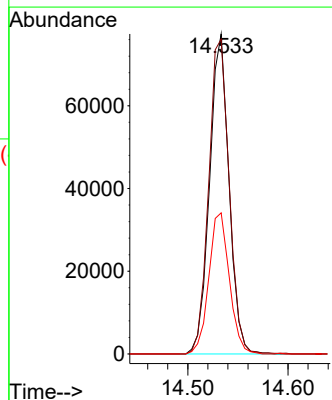
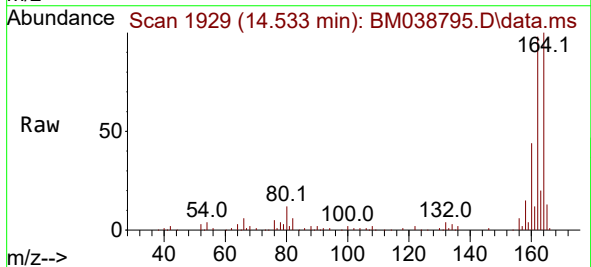
Instrument :
BNA_M
ClientSampleId :
CF-2

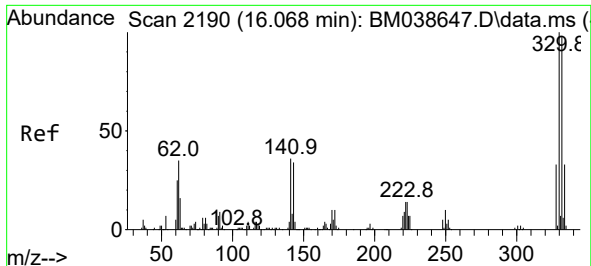
Tgt Ion: 82 Resp: 175026
Ion Ratio Lower Upper
82 100
128 49.0 36.0 54.0
54 41.4 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

Tgt Ion: 164 Resp: 104098
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 44.1 36.5 54.7

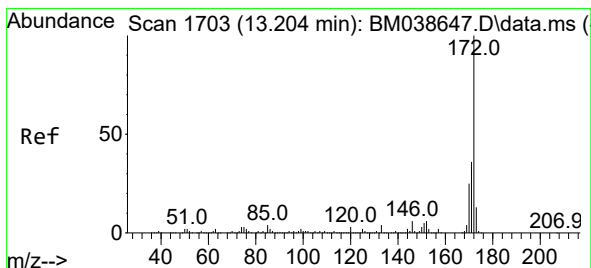
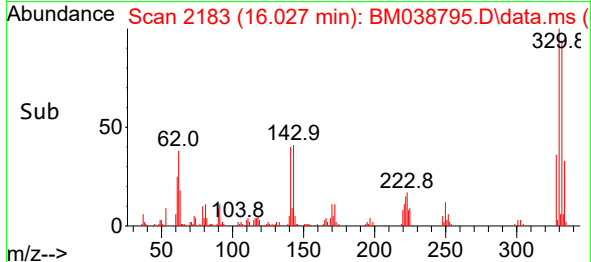
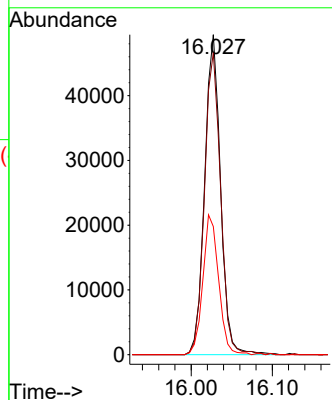
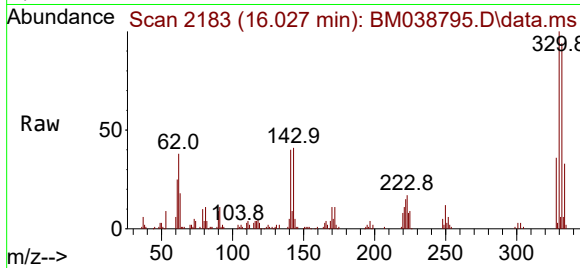




#42
2,4,6-Tribromophenol
Concen: 47.551 ng
RT: 16.027 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

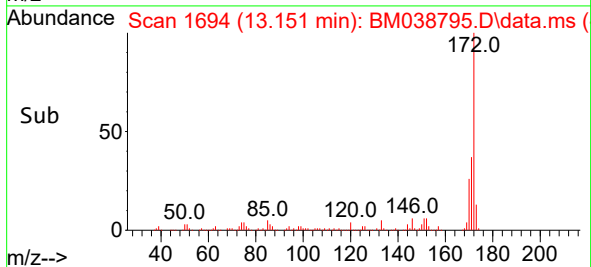
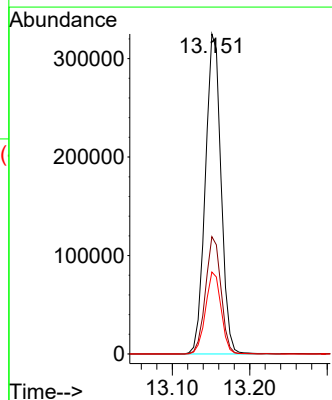
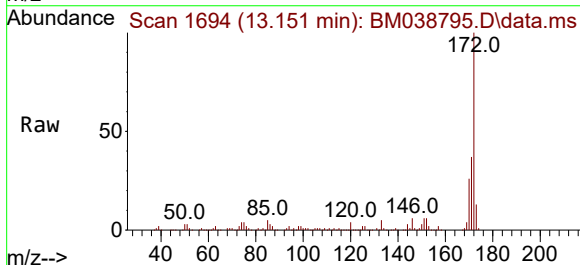
Instrument :
BNA_M
ClientSampleId :
CF-2

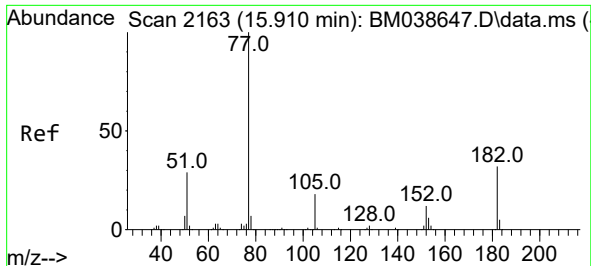
Tgt Ion:330 Resp: 67281
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.6
141 43.3 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 55.953 ng
RT: 13.151 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

Tgt Ion:172 Resp: 457516
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.6 20.0 30.0

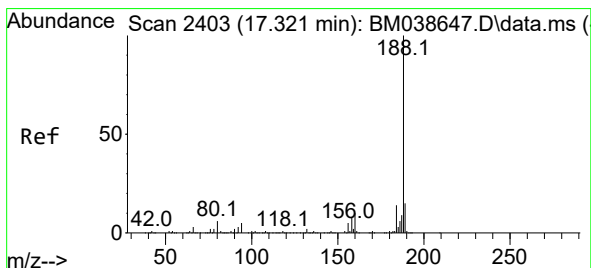
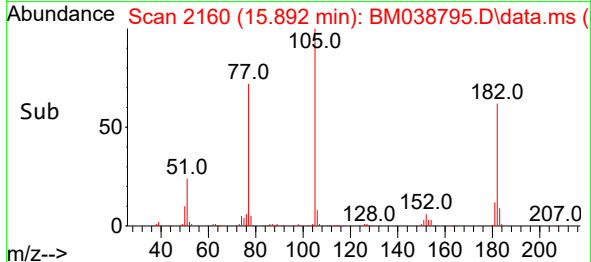
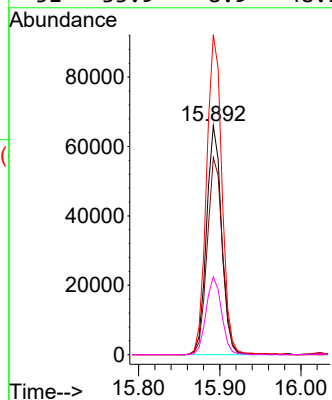
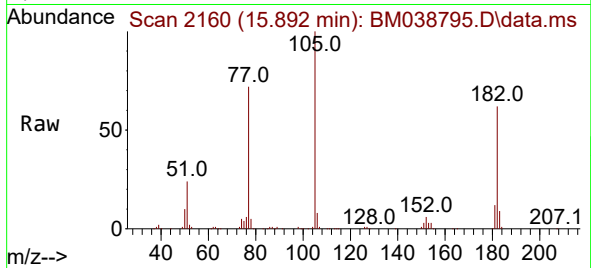




#63
Azobenzene
Concen: 13.741 ng
RT: 15.892 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

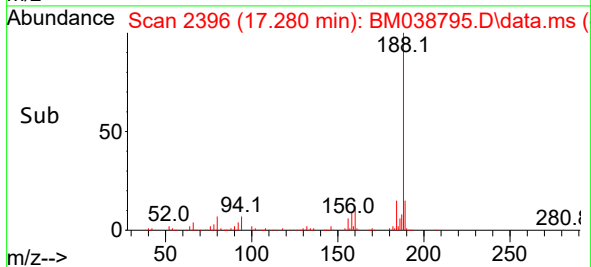
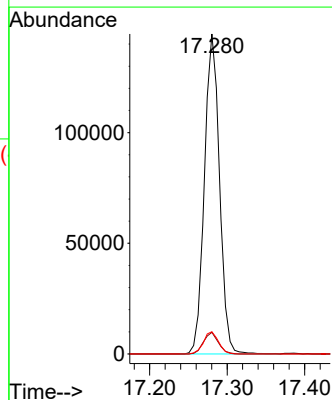
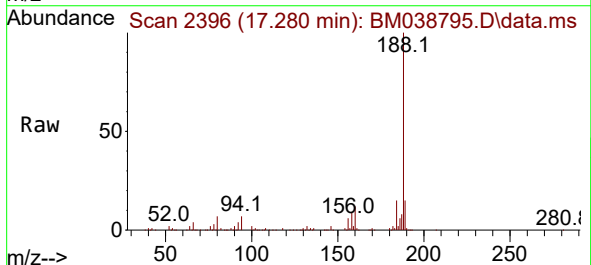
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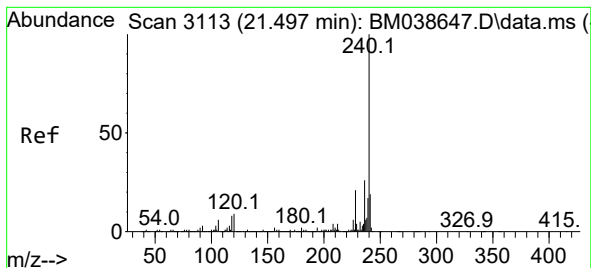
Tgt Ion: 77 Resp: 85078
Ion Ratio Lower Upper
77 100
182 86.1 12.0 52.0#
105 139.7 0.0 37.5#
51 33.9 8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM038795.D
Acq: 20 Feb 2023 20:12

Tgt Ion:188 Resp: 195550
Ion Ratio Lower Upper
188 100
94 6.8 4.2 6.4#
80 6.9 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: BM038795.D

Acq: 20 Feb 2023 20:12

Instrument :

BNA_M

ClientSampleId :

CF-2

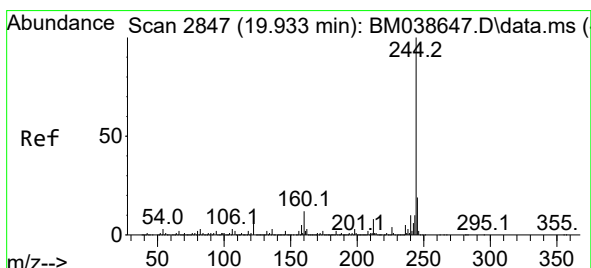
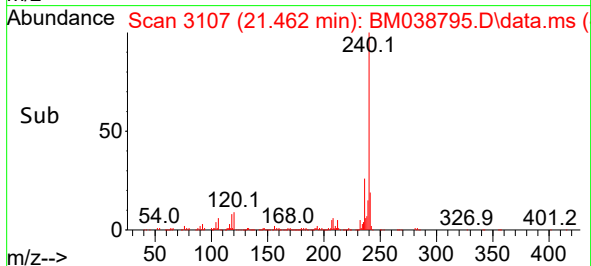
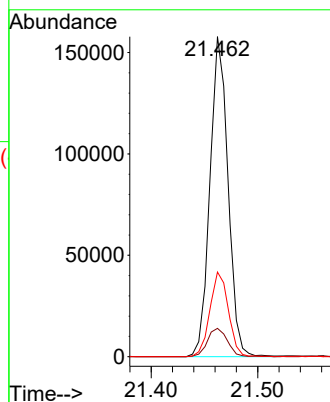
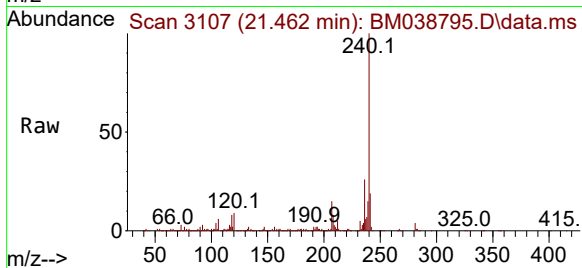
Tgt Ion:240 Resp: 185937

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.4

236 26.4 20.9 31.3



#79

Terphenyl-d14

Concen: 59.632 ng

RT: 19.904 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM038795.D

Acq: 20 Feb 2023 20:12

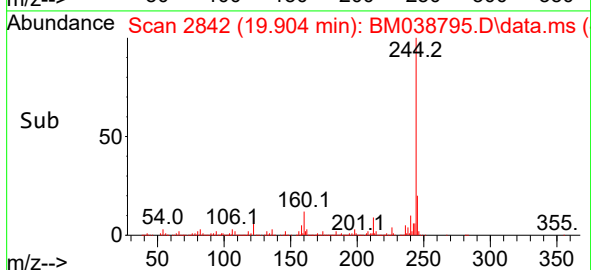
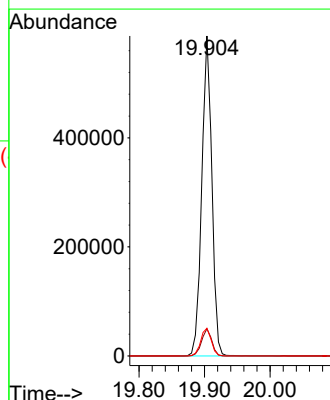
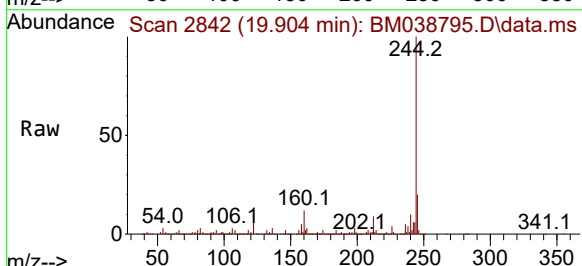
Tgt Ion:244 Resp: 628317

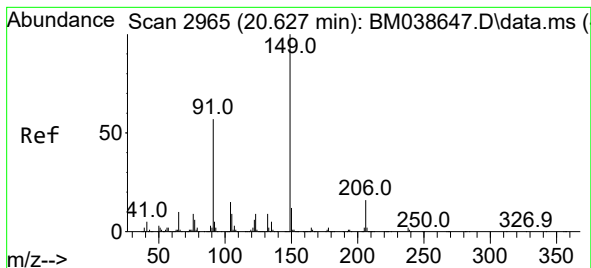
Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

122 8.7 7.8 11.8





#80

Butylbenzylphthalate

Concen: 2.010 ng

RT: 20.603 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BM038795.D

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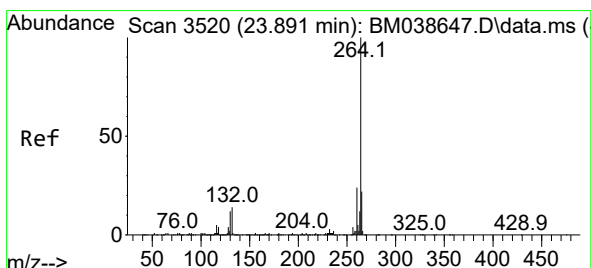
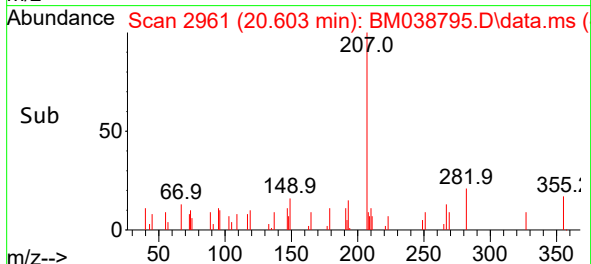
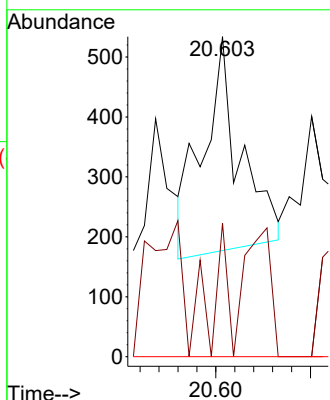
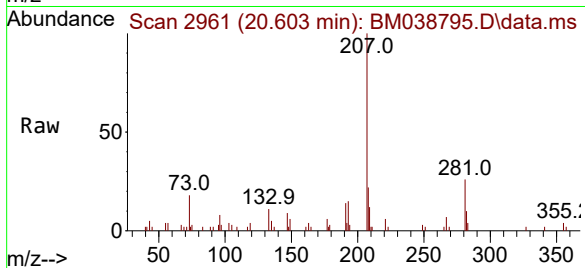
Tgt Ion:149 Resp: 486

Ion Ratio Lower Upper

149 100

91 41.8 45.6 68.4#

206 0.0 12.5 18.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.844 min Scan# 3512

Delta R.T. -0.006 min

Lab File: BM038795.D

Acq: 20 Feb 2023 20:12

Tgt Ion:264 Resp: 238190

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.8 17.9 26.9

