

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038755.D
 Acq On : 16 Feb 2023 13:16
 Operator : CG/JU
 Sample : PB150847TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150847TB

Quant Time: Feb 16 15:39:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:07:17 2023
 Response via : Initial Calibration

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

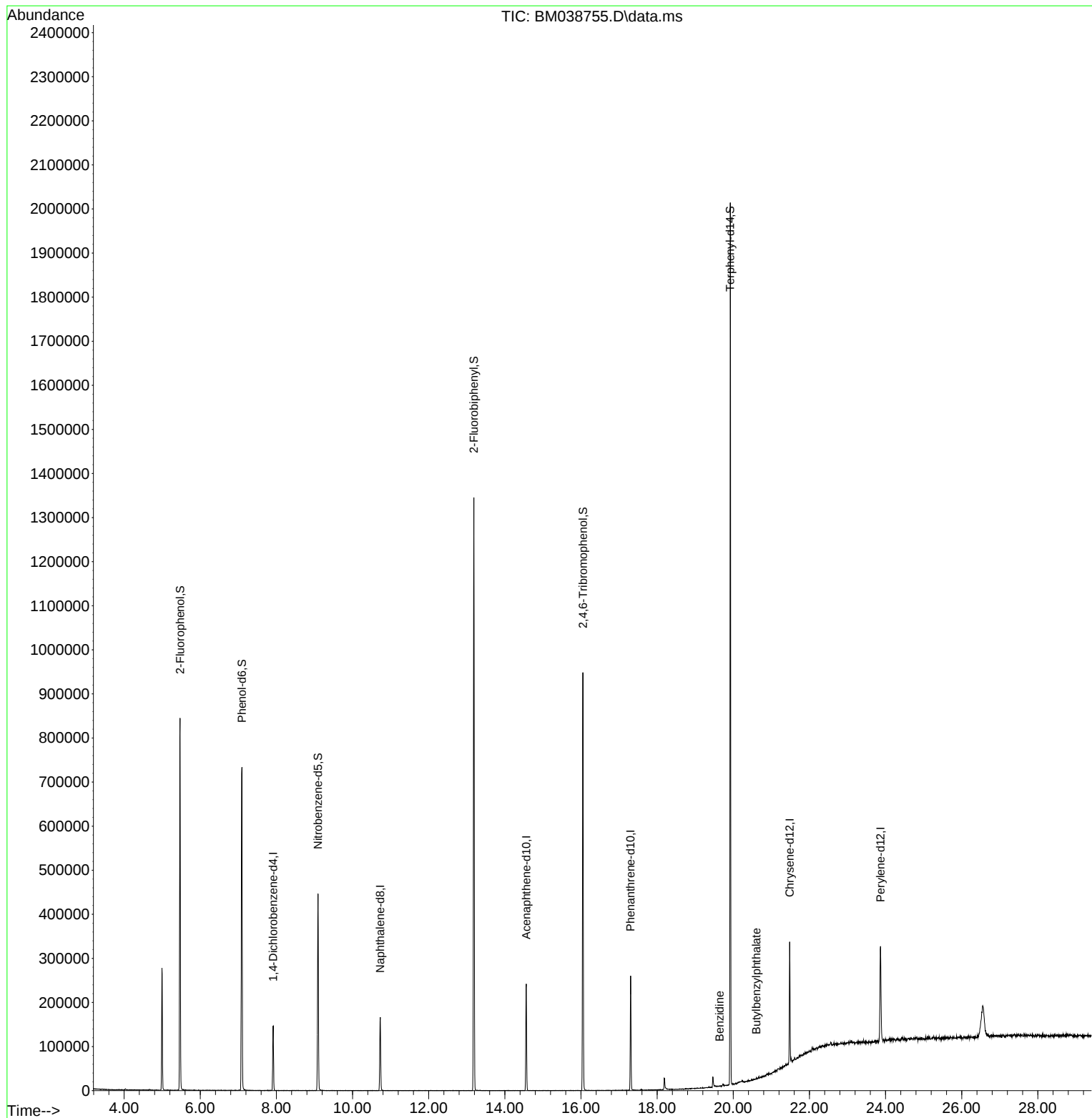
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	43279	20.000	ng	0.02
21) Naphthalene-d8	10.728	136	144598	20.000	ng	0.02
39) Acenaphthene-d10	14.563	164	83635	20.000	ng	0.02
64) Phenanthrene-d10	17.304	188	151861	20.000	ng	0.02
76) Chrysene-d12	21.480	240	114899	20.000	ng	0.02
86) Perylene-d12	23.868	264	158993	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	372574	168.636	ng	0.01
7) Phenol-d6	7.093	99	415841	165.029	ng	0.01
23) Nitrobenzene-d5	9.092	82	236541	92.917	ng	0.01
42) 2,4,6-Tribromophenol	16.051	330	153088	134.668	ng	0.02
45) 2-Fluorobiphenyl	13.186	172	647212	98.519	ng	0.02
79) Terphenyl-d14	19.921	244	759246	116.608	ng	0.02
Target Compounds						
77) Benzidine	19.639	184	54	3.128	ng	# 68
80) Butylbenzylphthalate	20.603	149	315	2.013	ng	# 31

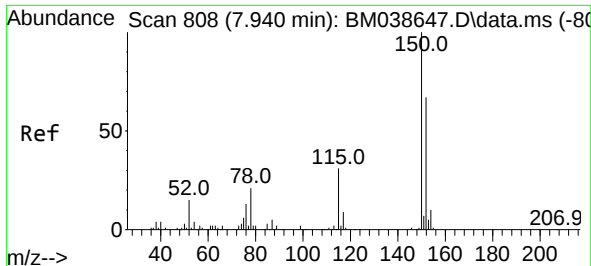
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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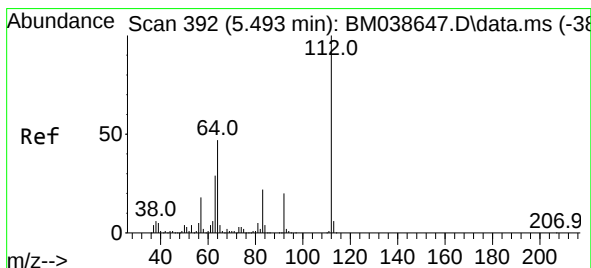
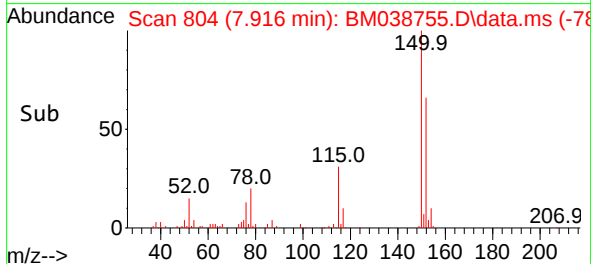
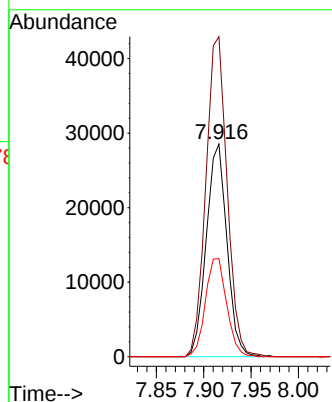
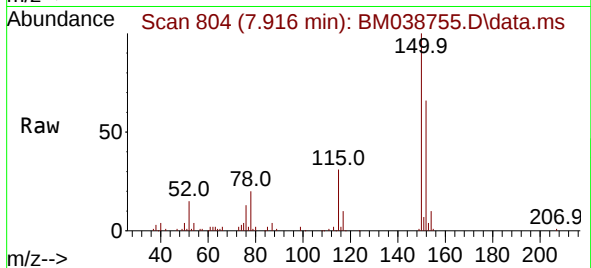




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 808
Delta R.T. 0.018 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

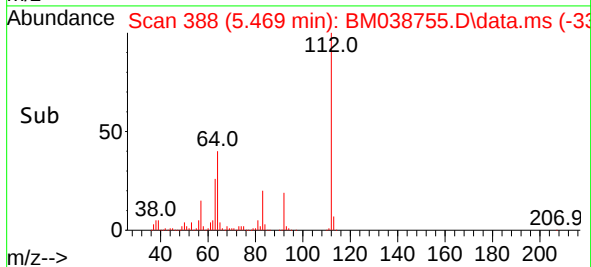
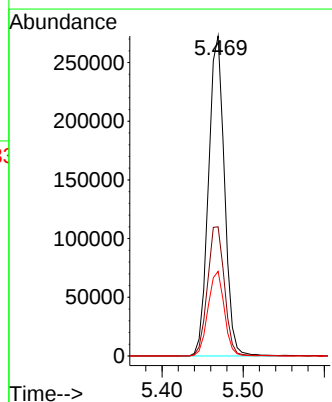
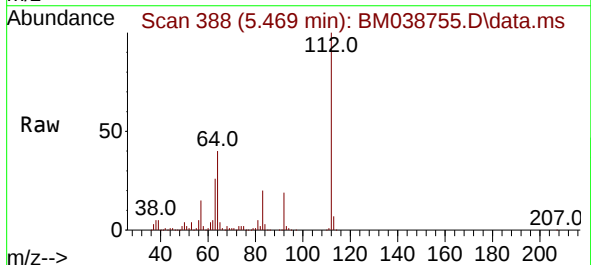
Instrument :
BNA_M
ClientSampleId :
PB150847TB

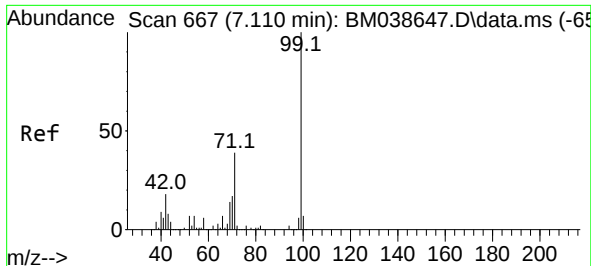
Tgt Ion:152 Resp: 43279
Ion Ratio Lower Upper
152 100
150 150.4 119.5 179.3
115 46.1 37.6 56.4



#5
2-Fluorophenol
Concen: 168.636 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.012 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

Tgt Ion:112 Resp: 372574
Ion Ratio Lower Upper
112 100
64 40.3 37.9 56.9
63 26.4 23.3 34.9

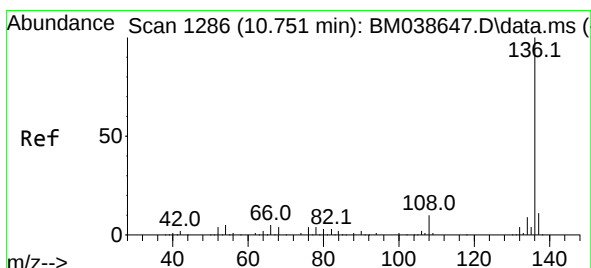
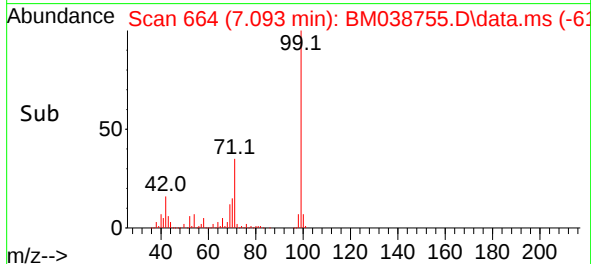
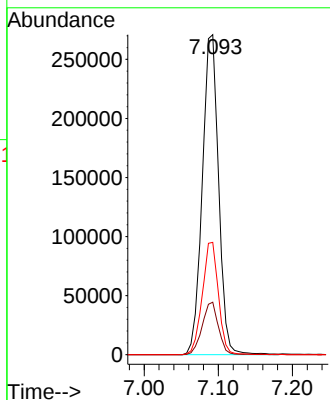
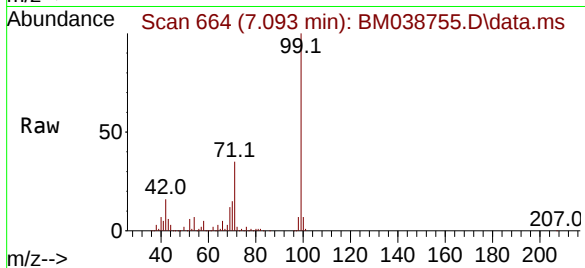




#7
Phenol-d6
Concen: 165.029 ng
RT: 7.093 min Scan# 60
Delta R.T. 0.012 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

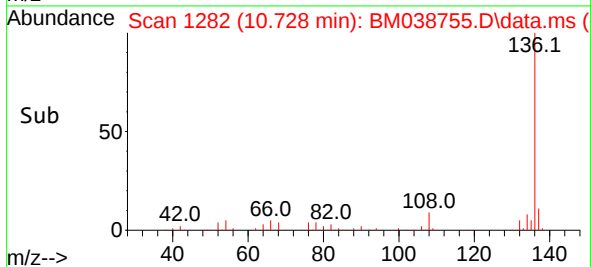
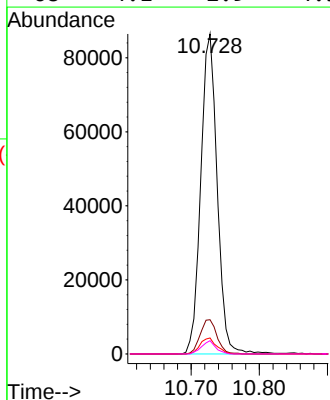
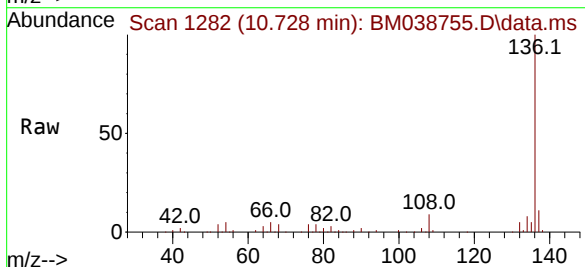
Instrument :
BNA_M
ClientSampleId :
PB150847TB

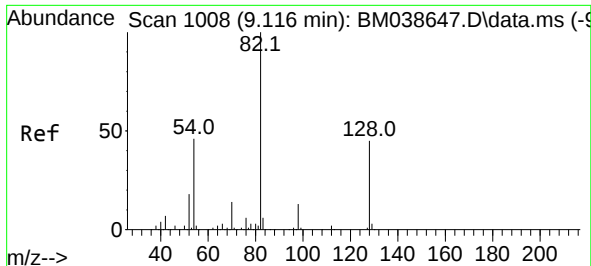
Tgt Ion: 99 Resp: 415841
Ion Ratio Lower Upper
99 100
42 16.4 14.6 22.0
71 35.1 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. 0.018 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

Tgt Ion: 136 Resp: 144598
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 5.0 4.2 6.4
68 4.1 2.9 4.3





#23

Nitrobenzene-d5

Concen: 92.917 ng

RT: 9.092 min Scan# 1004

Delta R.T. 0.012 min

Lab File: BM038755.D

Acq: 16 Feb 2023 13:16

Instrument :

BNA_M

ClientSampleId :

PB150847TB

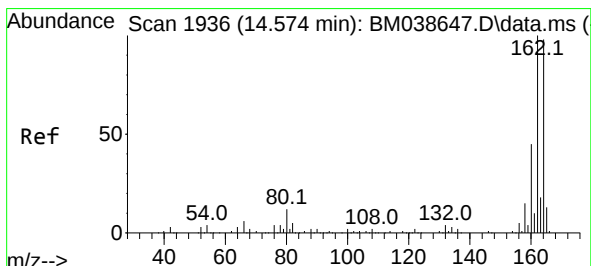
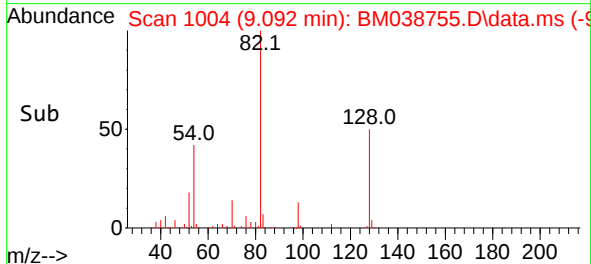
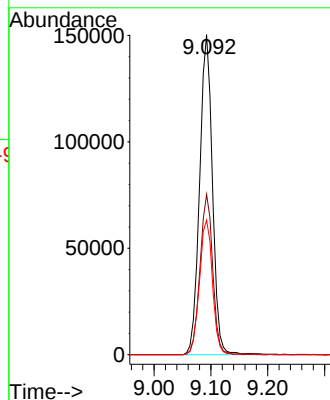
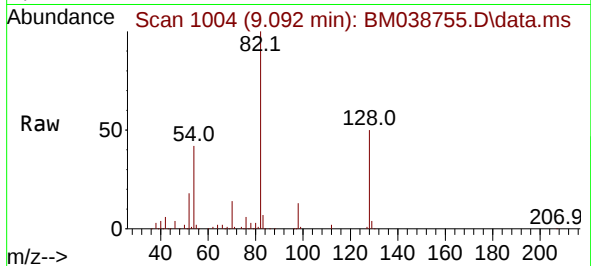
Tgt Ion: 82 Resp: 236541

Ion Ratio Lower Upper

82 100

128 50.1 36.0 54.0

54 42.0 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. 0.018 min

Lab File: BM038755.D

Acq: 16 Feb 2023 13:16

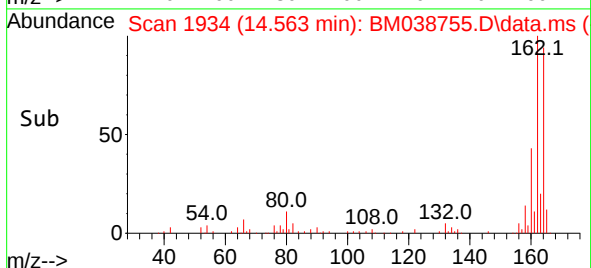
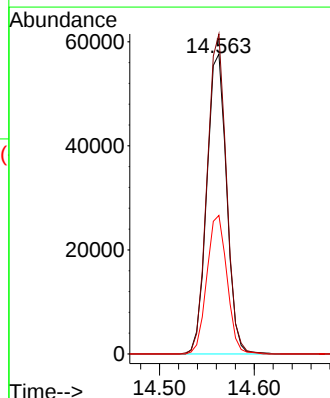
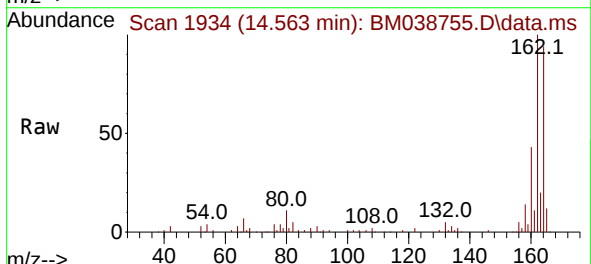
Tgt Ion: 164 Resp: 83635

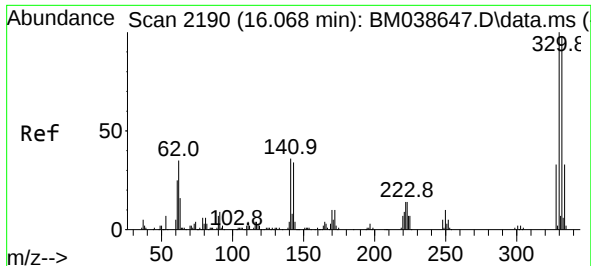
Ion Ratio Lower Upper

164 100

162 106.7 81.4 122.0

160 46.2 36.5 54.7

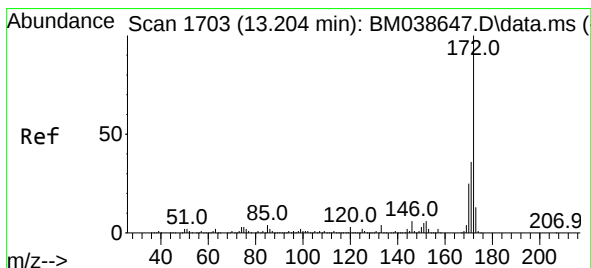
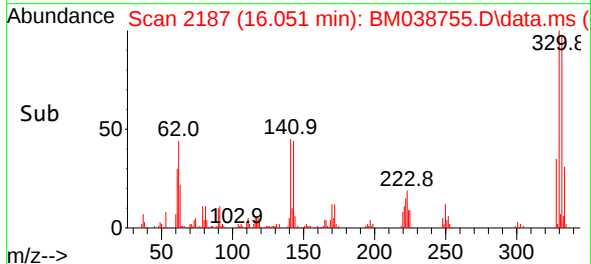
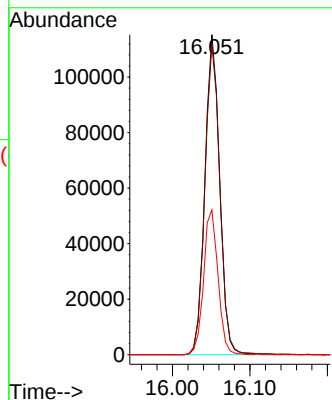
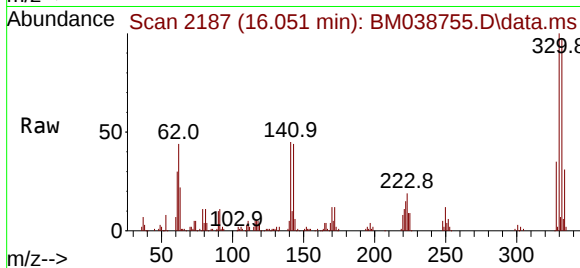




#42
2,4,6-Tribromophenol
Concen: 134.668 ng
RT: 16.051 min Scan# 2190
Delta R.T. 0.018 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

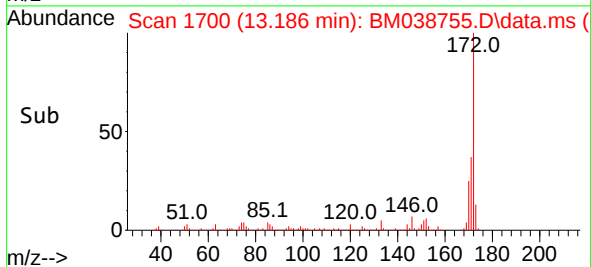
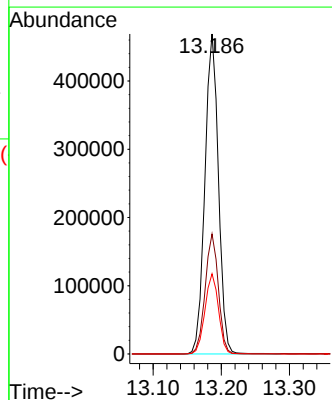
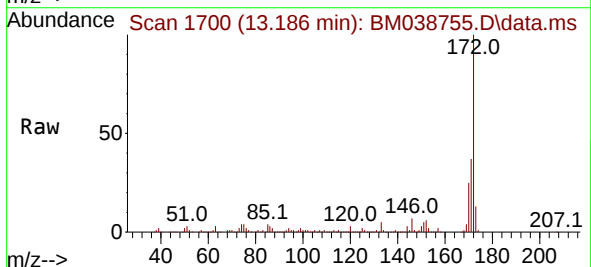
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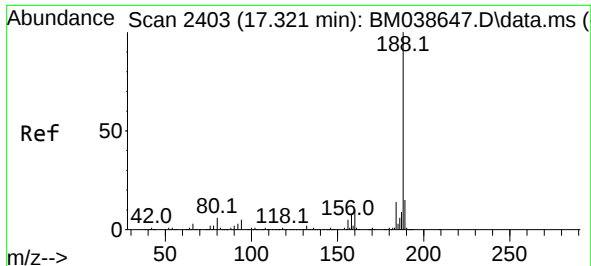
Tgt Ion:330 Resp: 153088
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.6
141 43.9 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 98.519 ng
RT: 13.186 min Scan# 1700
Delta R.T. 0.018 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

Tgt Ion:172 Resp: 647212
Ion Ratio Lower Upper
172 100
171 37.5 28.7 43.1
170 25.0 20.0 30.0

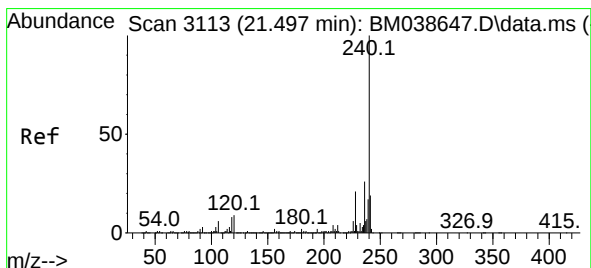
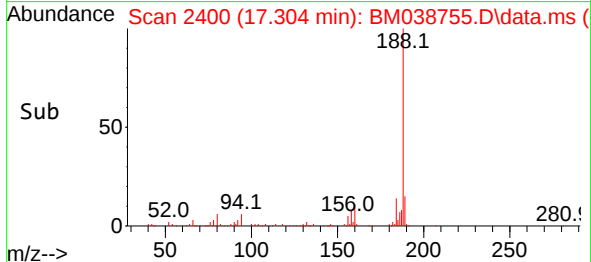
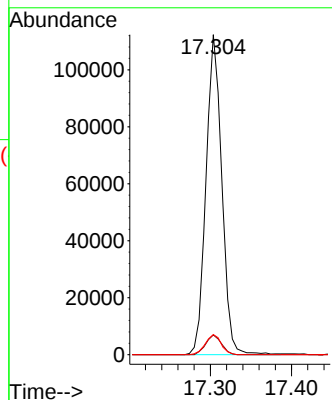
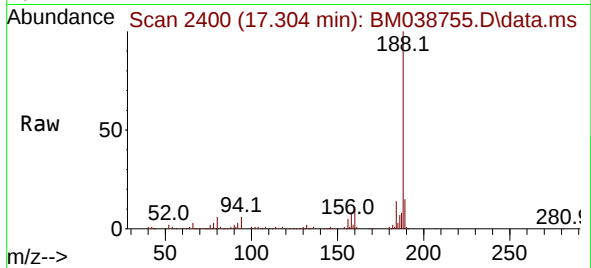




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2403
Delta R.T. 0.018 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

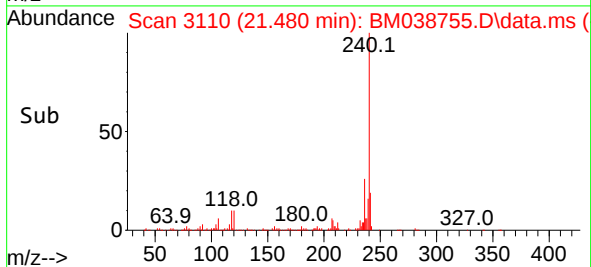
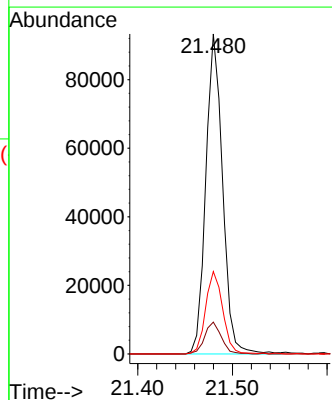
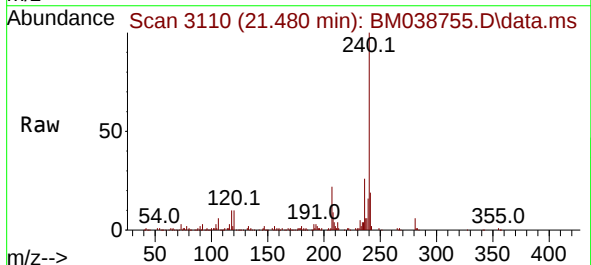
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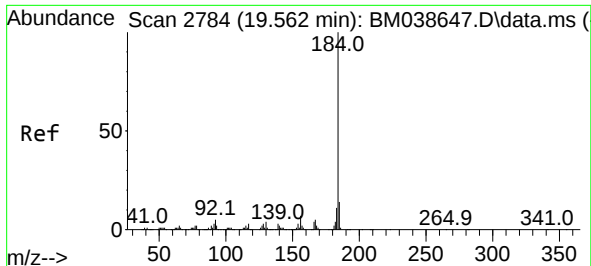
Tgt Ion:188 Resp: 151861
Ion Ratio Lower Upper
188 100
94 6.1 4.2 6.4
80 6.3 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.480 min Scan# 3110
Delta R.T. 0.018 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

Tgt Ion:240 Resp: 114899
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.4
236 25.8 20.9 31.3

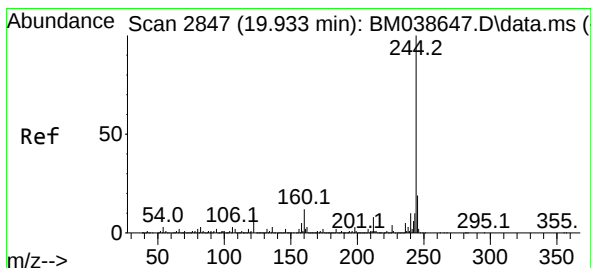
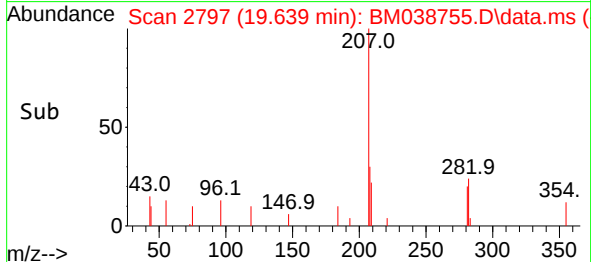
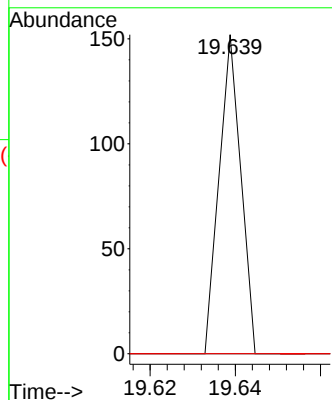
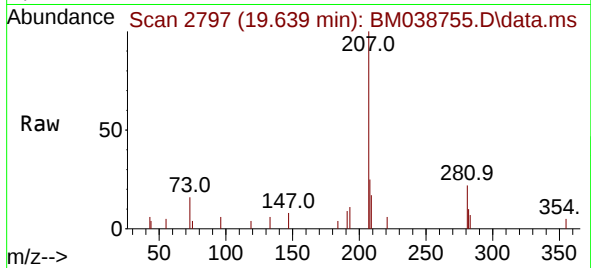




#77
Benzidine
Concen: 3.128 ng
RT: 19.639 min Scan# 21
Delta R.T. 0.106 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

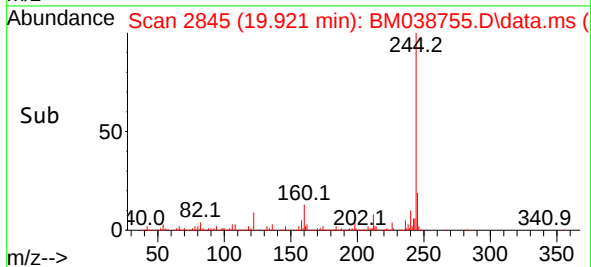
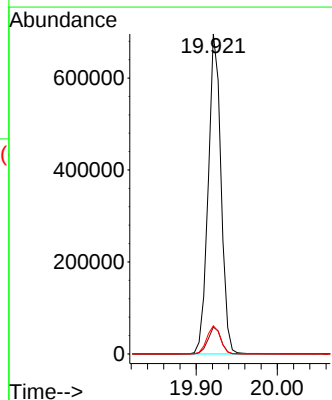
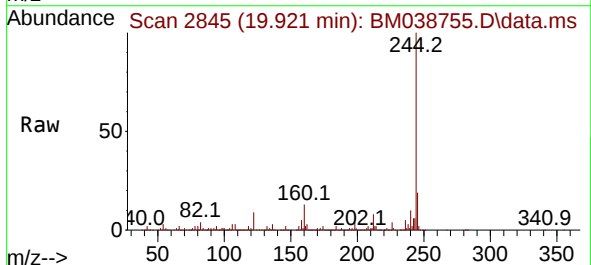
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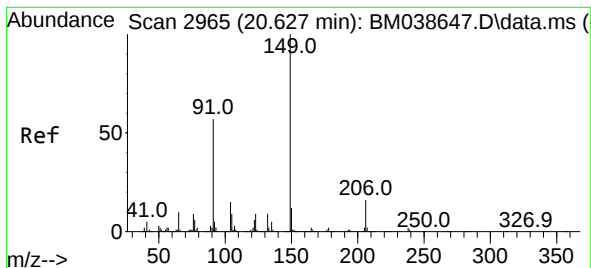
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 116.608 ng
RT: 19.921 min Scan# 2845
Delta R.T. 0.018 min
Lab File: BM038755.D
Acq: 16 Feb 2023 13:16

Tgt Ion:244 Resp: 759246
Ion Ratio Lower Upper
244 100
212 8.4 6.6 9.8
122 8.8 7.8 11.8





#80

Butylbenzylphthalate

Concen: 2.013 ng

RT: 20.603 min Scan# 2961

Delta R.T. 0.012 min

Lab File: BM038755.D

Acq: 16 Feb 2023 13:16

Instrument :

BNA_M

ClientSampleId :

PB150847TB

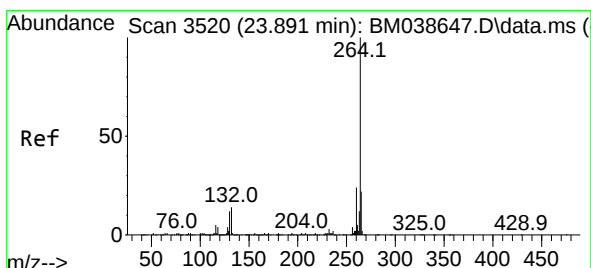
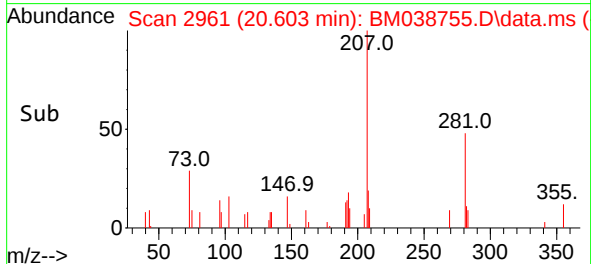
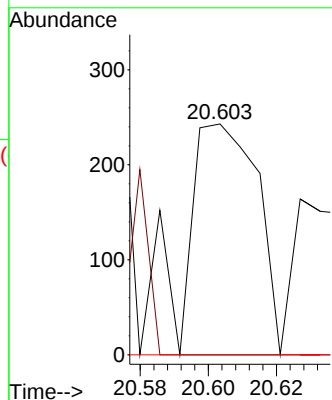
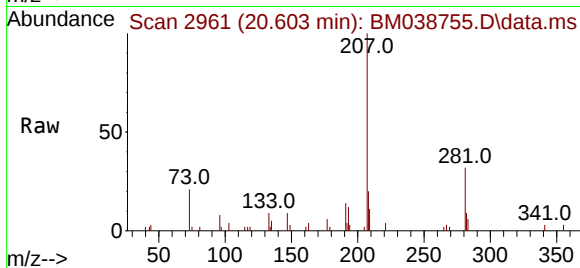
Tgt Ion:149 Resp: 315

Ion Ratio Lower Upper

149 100

91 0.0 45.6 68.4#

206 0.0 12.5 18.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.868 min Scan# 3516

Delta R.T. 0.029 min

Lab File: BM038755.D

Acq: 16 Feb 2023 13:16

Tgt Ion:264 Resp: 158993

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.7 17.9 26.9

