

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038655.D
 Acq On : 01 Feb 2023 23:21
 Operator : CG/JU
 Sample : PB150362BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150362BL

Quant Time: Feb 02 03:56:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

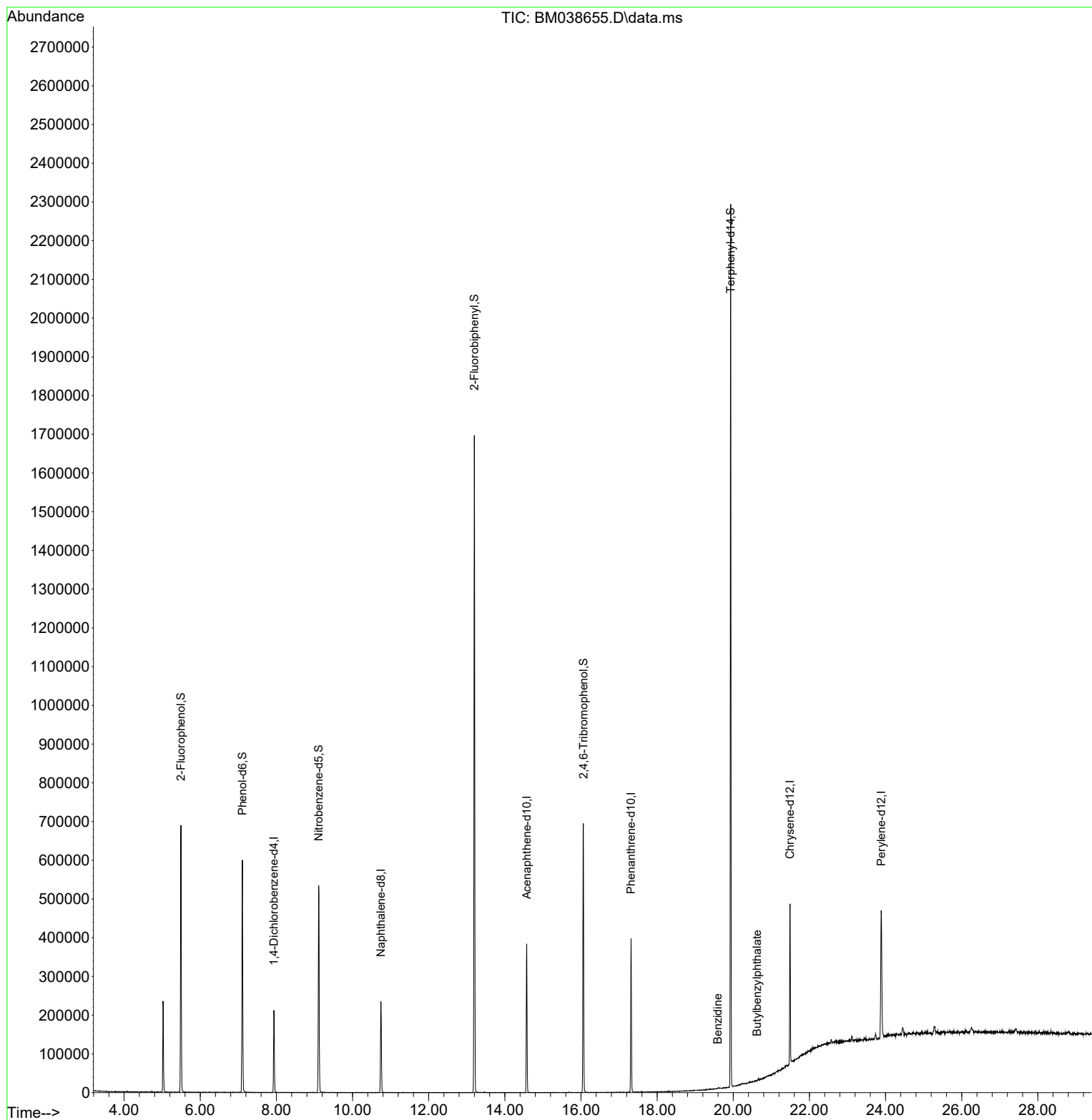
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	61605	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	194017	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	127733	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	235586	20.000	ng	0.00
76) Chrysene-d12	21.492	240	193269	20.000	ng	0.00
86) Perylene-d12	23.886	264	247276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	278415	88.530	ng	0.00
7) Phenol-d6	7.105	99	305066	85.052	ng	0.00
23) Nitrobenzene-d5	9.110	82	288036	84.325	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	123895	71.361	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	827743	82.500	ng	0.00
79) Terphenyl-d14	19.933	244	917003	83.728	ng	0.00
Target Compounds						
						Qvalue
77) Benzidine	19.592	184	573	3.206	ng	# 68
80) Butylbenzylphthalate	20.627	149	756	2.043	ng	# 31

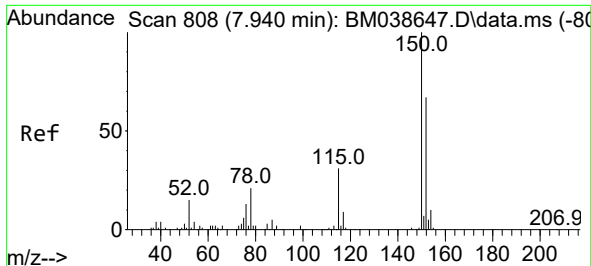
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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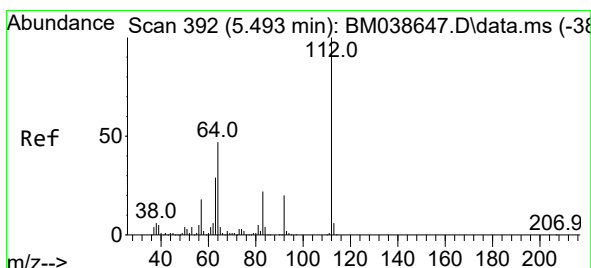
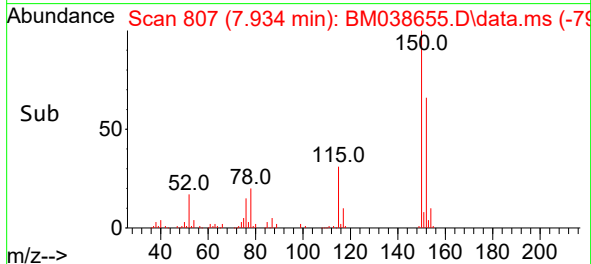
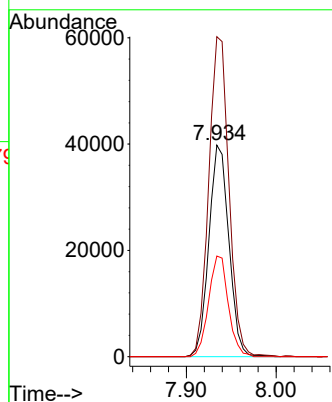
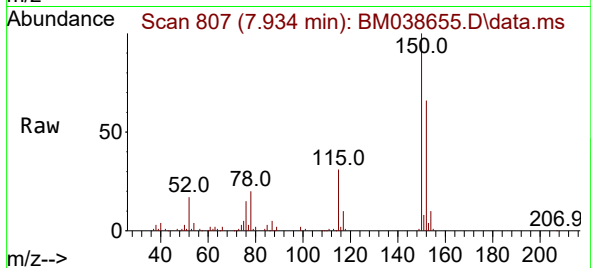




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 808
Delta R.T. -0.006 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

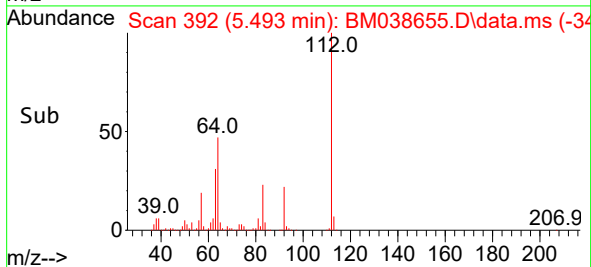
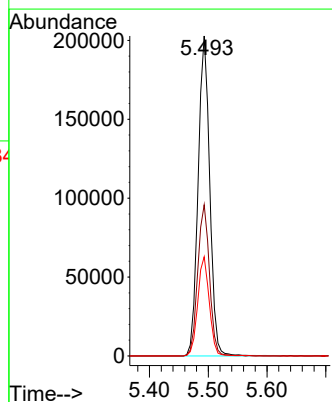
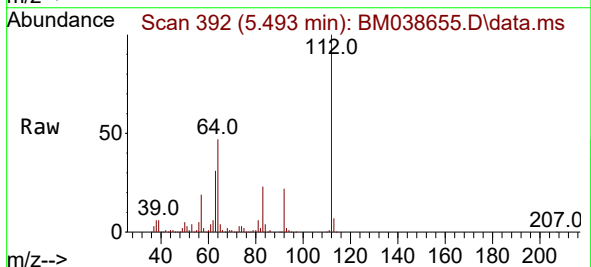
Instrument :
BNA_M
ClientSampleId :
PB150362BL

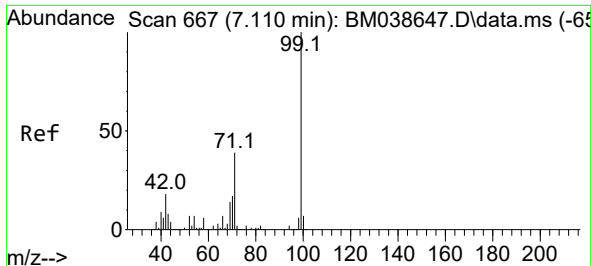
Tgt Ion:152 Resp: 61605
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 47.5 37.6 56.4



#5
2-Fluorophenol
Concen: 88.530 ng
RT: 5.493 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

Tgt Ion:112 Resp: 278415
Ion Ratio Lower Upper
112 100
64 47.3 37.9 56.9
63 31.0 23.3 34.9

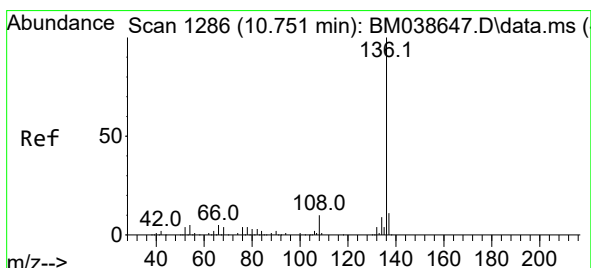
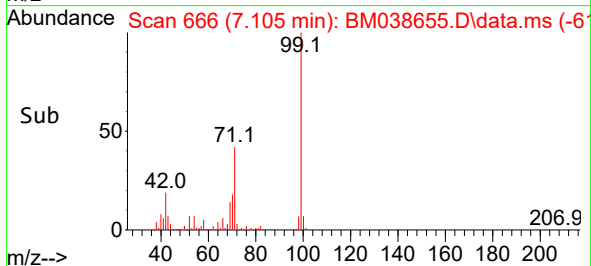
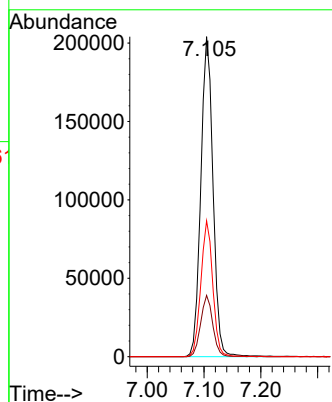
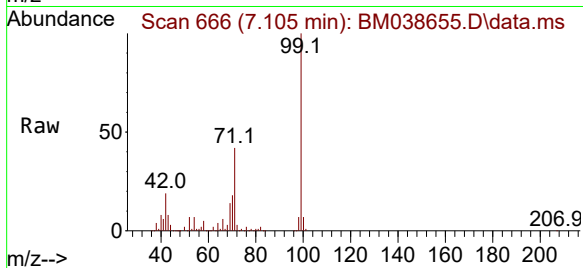




#7
Phenol-d6
Concen: 85.052 ng
RT: 7.105 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

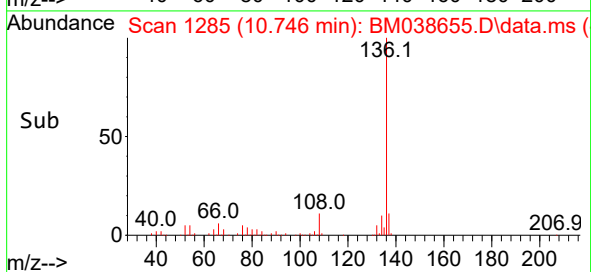
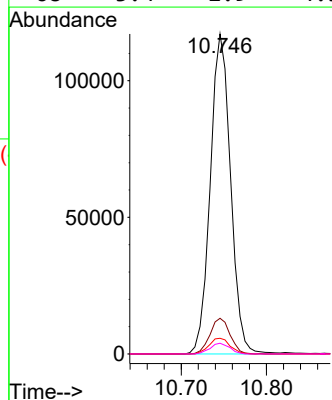
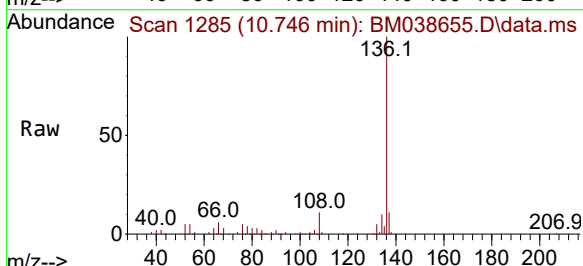
Instrument :
BNA_M
ClientSampleId :
PB150362BL

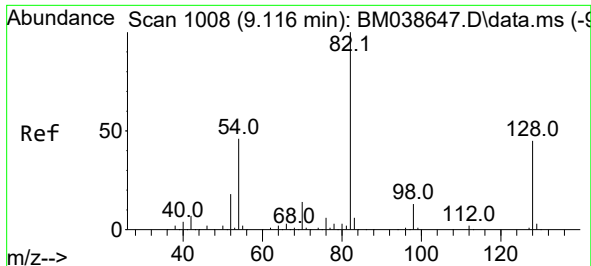
Tgt Ion: 99 Resp: 305066
Ion Ratio Lower Upper
99 100
42 19.2 14.6 22.0
71 42.5 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

Tgt Ion: 136 Resp: 194017
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 4.9 4.2 6.4
68 3.4 2.9 4.3

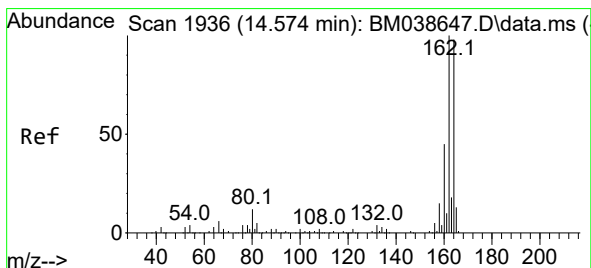
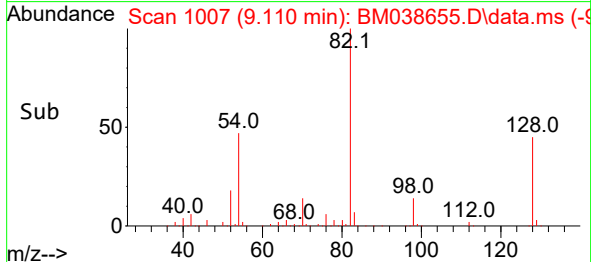
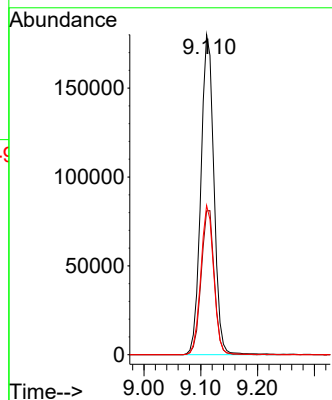
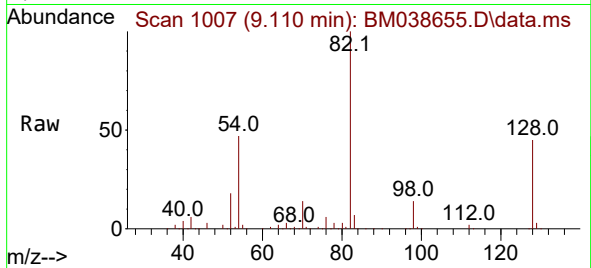




#23
Nitrobenzene-d5
Concen: 84.325 ng
RT: 9.110 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

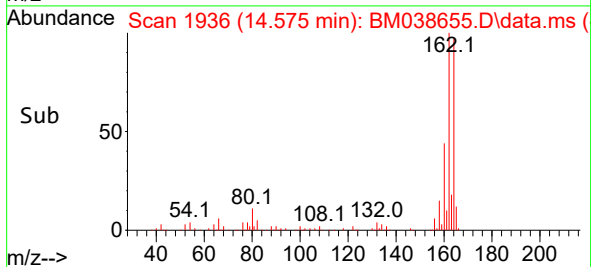
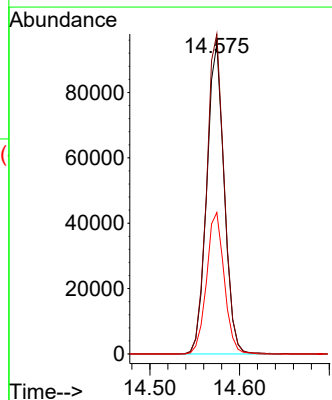
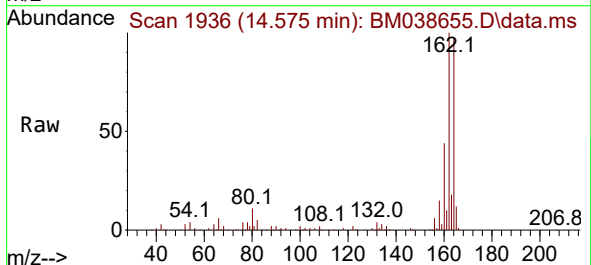
Instrument :
BNA_M
ClientSampleId :
PB150362BL

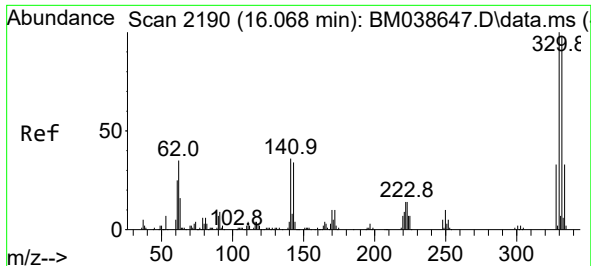
Tgt Ion: 82 Resp: 288036
Ion Ratio Lower Upper
82 100
128 45.0 36.0 54.0
54 46.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

Tgt Ion:164 Resp: 127733
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 45.6 36.5 54.7

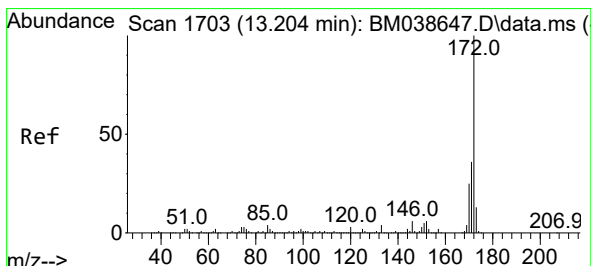
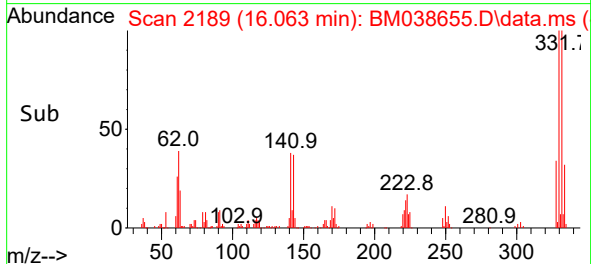
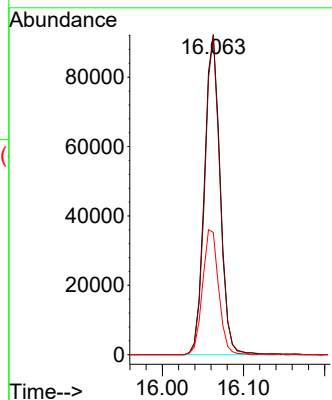
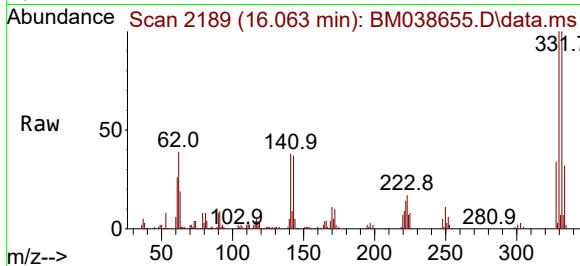




#42
2,4,6-Tribromophenol
Concen: 71.361 ng
RT: 16.063 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

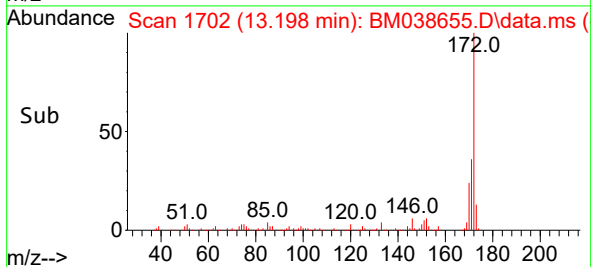
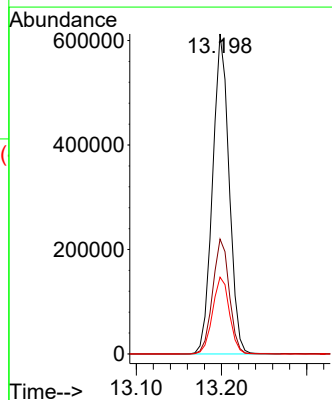
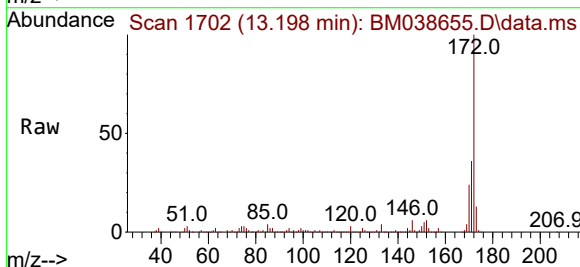
Instrument :
BNA_M
ClientSampleId :
PB150362BL

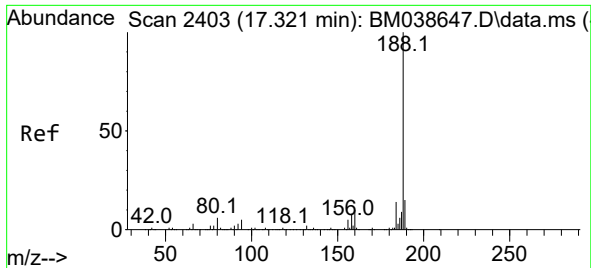
Tgt Ion:330 Resp: 123895
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 39.9 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 82.500 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

Tgt Ion:172 Resp: 827743
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 24.0 20.0 30.0

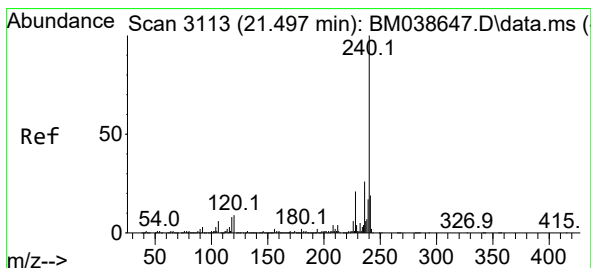
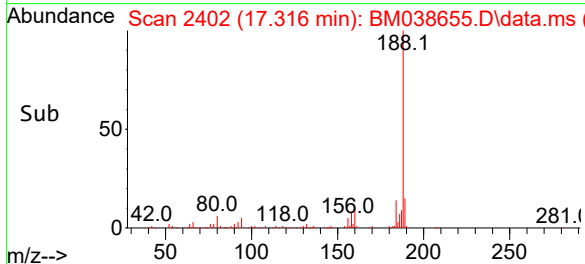
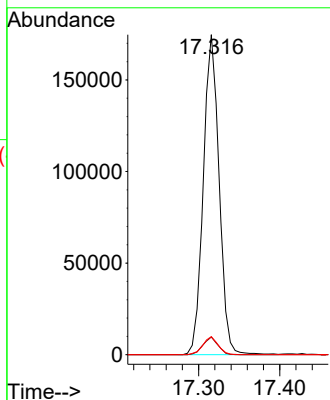
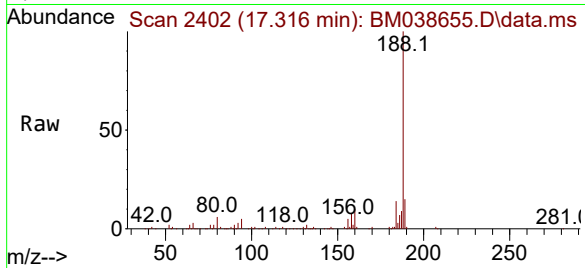




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

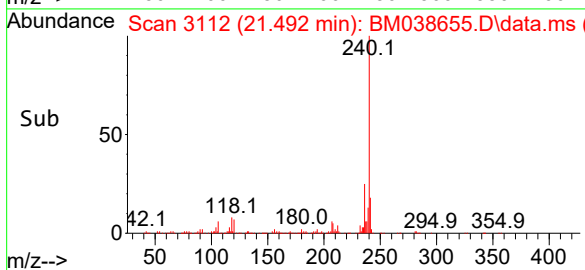
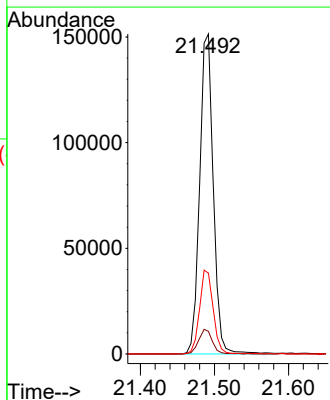
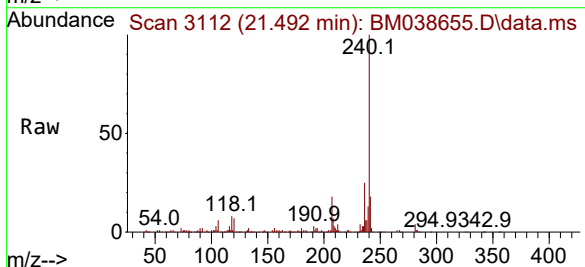
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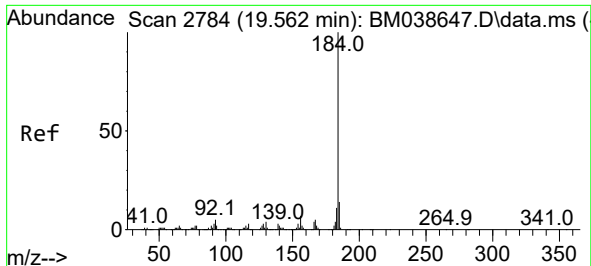
Tgt Ion:188 Resp: 235586
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.4
80 5.7 4.6 7.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

Tgt Ion:240 Resp: 193269
Ion Ratio Lower Upper
240 100
120 7.0 7.0 10.4
236 25.2 20.9 31.3

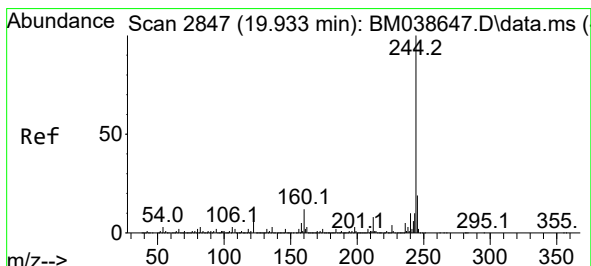
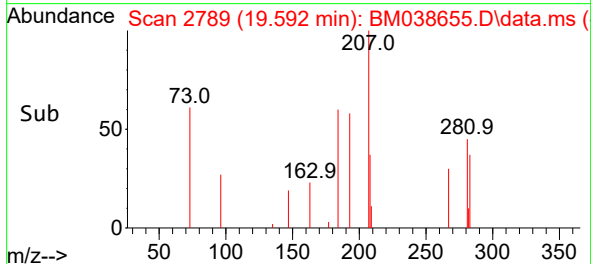
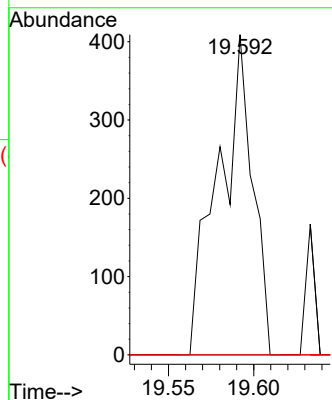
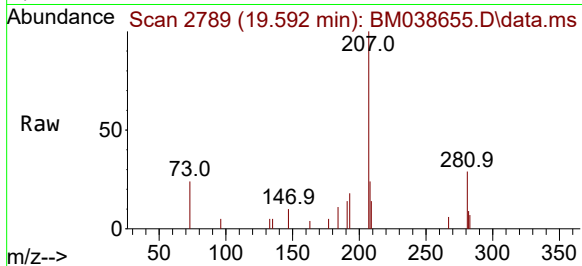




#77
Benzidine
Concen: 3.206 ng
RT: 19.592 min Scan# 21
Delta R.T. 0.030 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

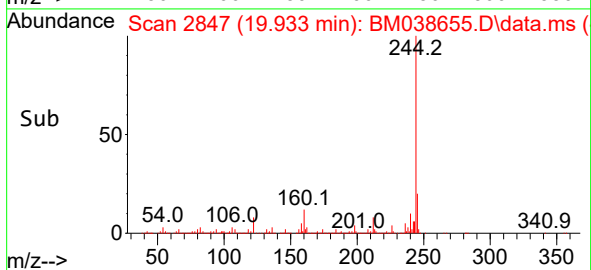
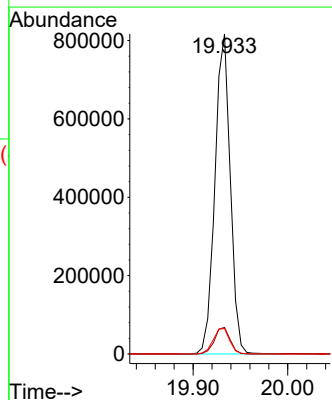
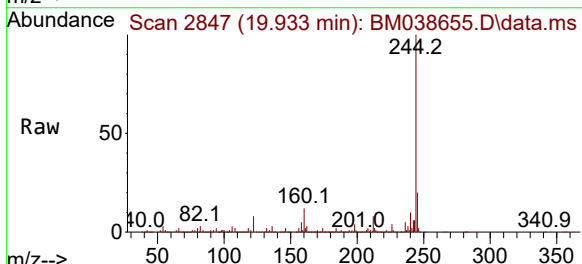
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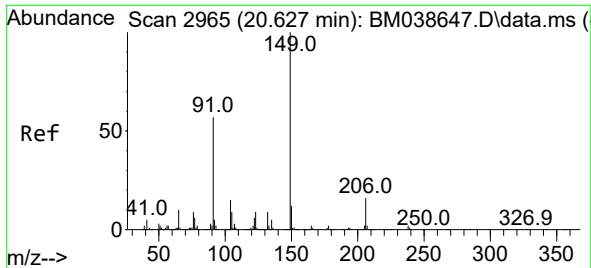
Tgt Ion:184 Resp: 573
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 83.728 ng
RT: 19.933 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BM038655.D
Acq: 01 Feb 2023 23:21

Tgt Ion:244 Resp: 917003
Ion Ratio Lower Upper
244 100
212 8.3 6.6 9.8
122 8.0 7.8 11.8

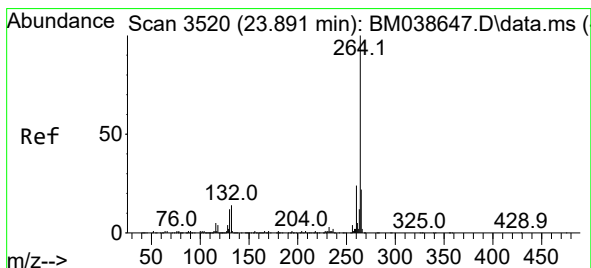
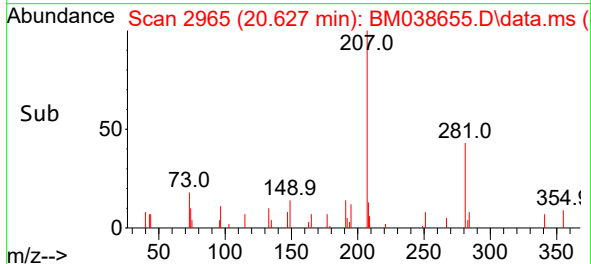
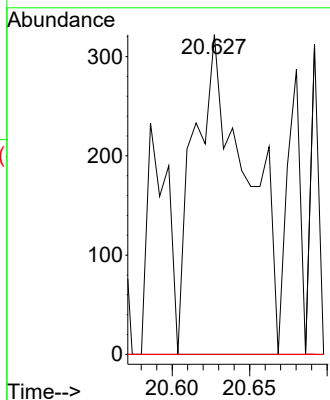
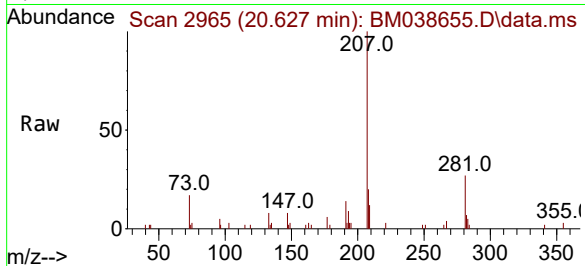




#80
 Butylbenzylphthalate
 Concen: 2.043 ng
 RT: 20.627 min Scan# 2965
 Delta R.T. 0.000 min
 Lab File: BM038655.D
 Acq: 01 Feb 2023 23:21

Instrument :
 BNA_M
 ClientSampleId :
 PB150362BL

Tgt Ion:149 Resp: 756
 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: 23.886 min Scan# 3519
 Delta R.T. -0.006 min
 Lab File: BM038655.D
 Acq: 01 Feb 2023 23:21

Tgt Ion:264 Resp: 247276
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.5 17.9 26.9

