

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038662.D
 Acq On : 02 Feb 2023 14:21
 Operator : CG/JU
 Sample : 01371-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3-RT-15-S

Quant Time: Feb 03 05:34:38 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)

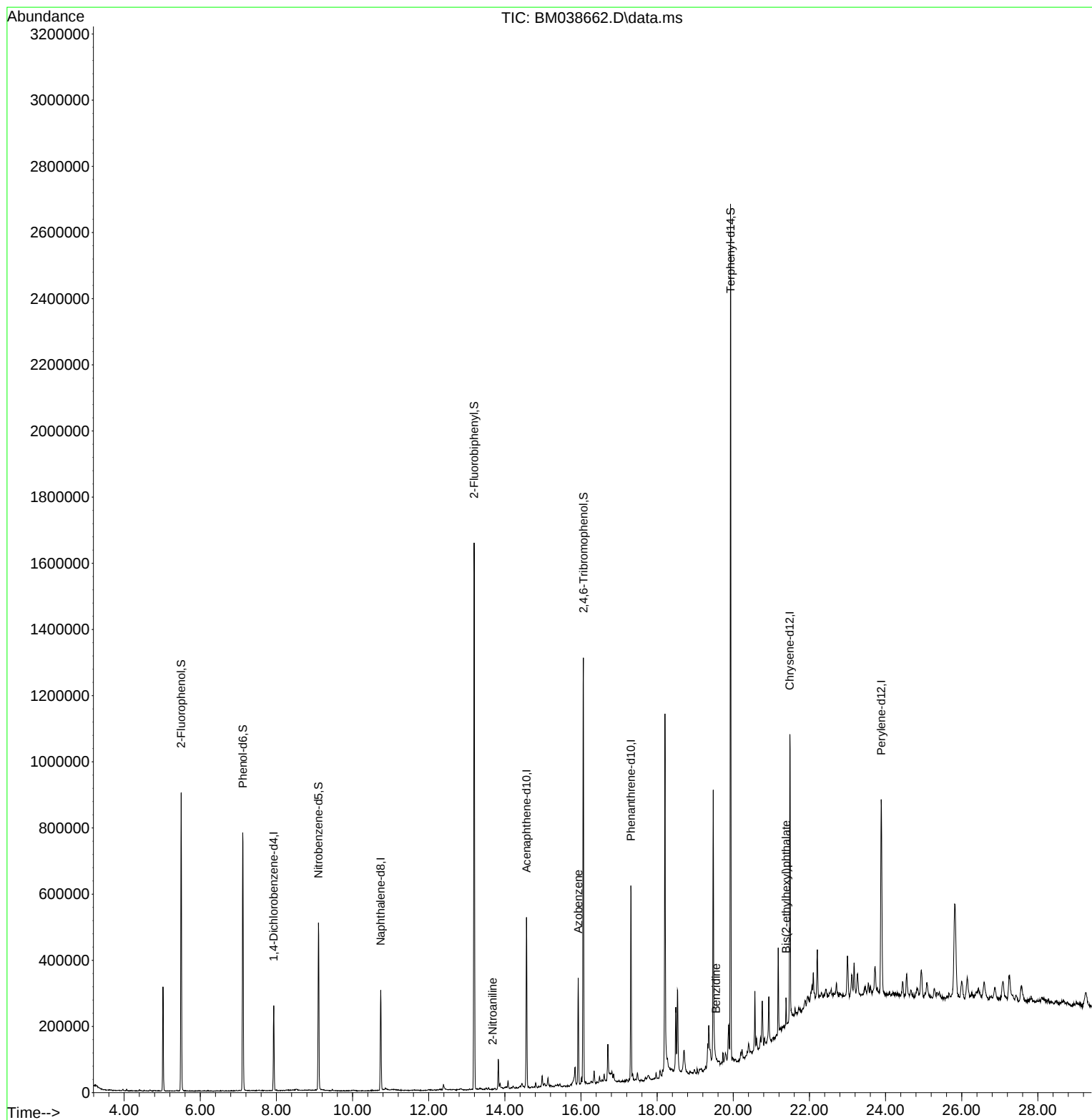
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	74726	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	242990	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	172128	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	354540	20.000	ng	-0.01
76) Chrysene-d12	21.486	240	293000	20.000	ng	-0.01
86) Perylene-d12	23.885	264	371405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	375415	98.413	ng	0.00
7) Phenol-d6	7.116	99	424921	97.667	ng	0.00
23) Nitrobenzene-d5	9.104	82	267245	62.470	ng	-0.01
42) 2,4,6-Tribromophenol	16.062	330	247492	105.784	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	849235	62.811	ng	-0.01
79) Terphenyl-d14	19.927	244	1115474	67.182	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.680	65	80	2.202	ng	# 1
63) Azobenzene	15.927	77	77401	7.560	ng	# 1
77) Benzidine	19.550	184	69	3.121	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.386	149	33829	3.501	ng	97

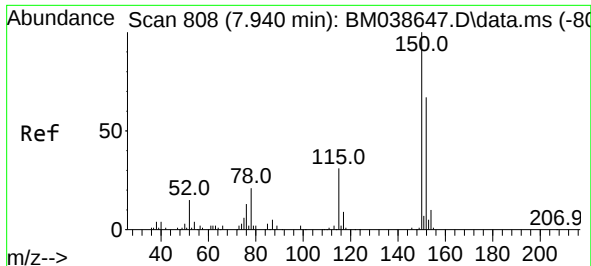
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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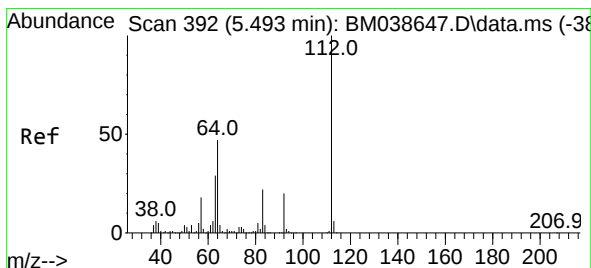
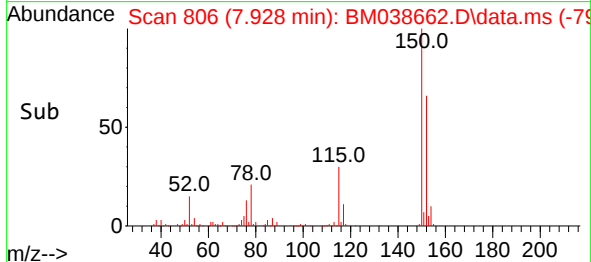
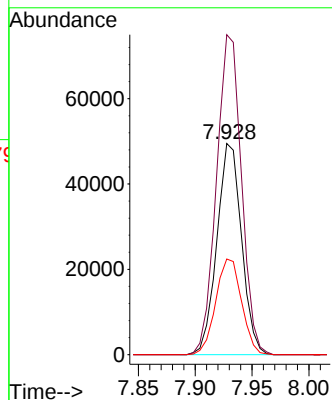
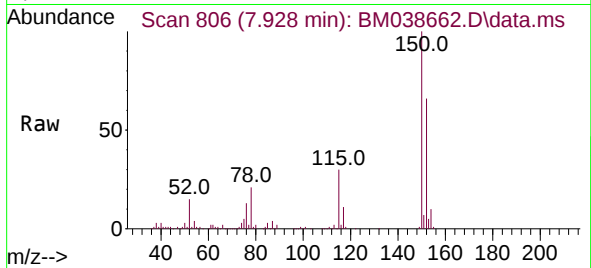




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 808
Delta R.T. -0.012 min
Lab File: BM038662.D
Acq: 02 Feb 2023 14:21

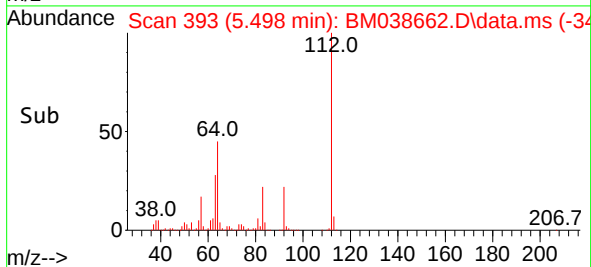
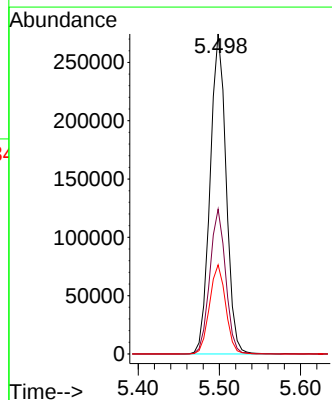
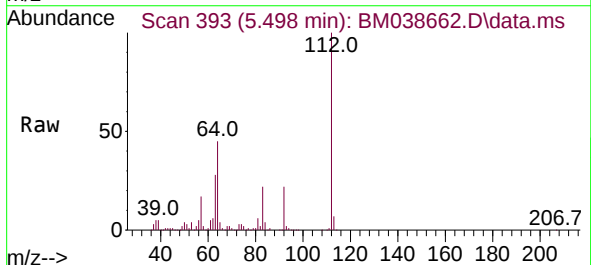
Instrument :
BNA_M
ClientSampleId :
3-RT-15-S

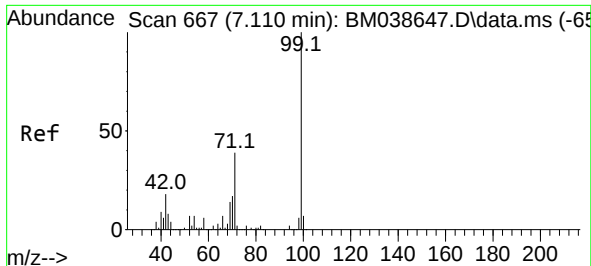
Tgt Ion:152 Resp: 74726
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 45.3 37.6 56.4



#5
2-Fluorophenol
Concen: 98.413 ng
RT: 5.498 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM038662.D
Acq: 02 Feb 2023 14:21

Tgt Ion:112 Resp: 375415
Ion Ratio Lower Upper
112 100
64 45.2 37.9 56.9
63 27.9 23.3 34.9

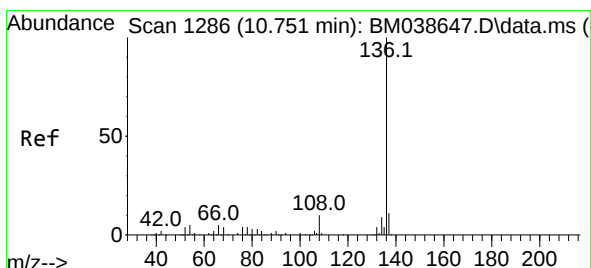
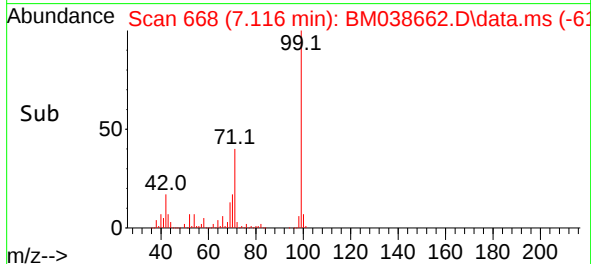
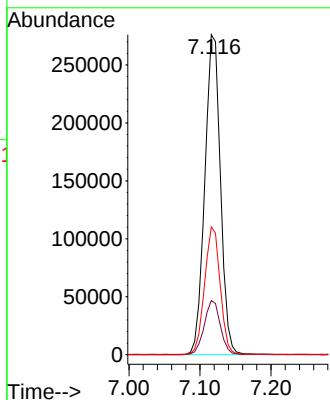
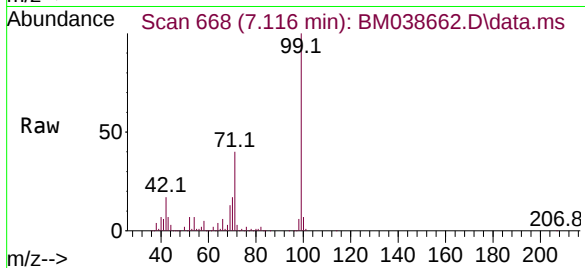




#7
Phenol-d6
Concen: 97.667 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM038662.D
Acq: 02 Feb 2023 14:21

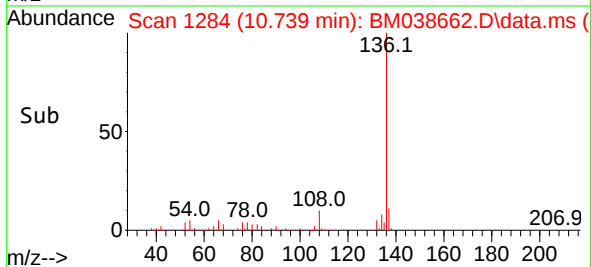
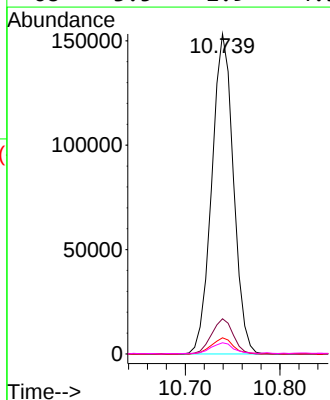
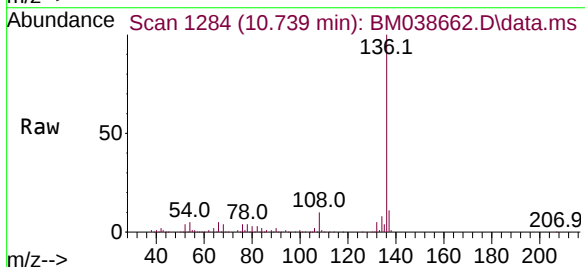
Instrument :
BNA_M
ClientSampleId :
3-RT-15-S

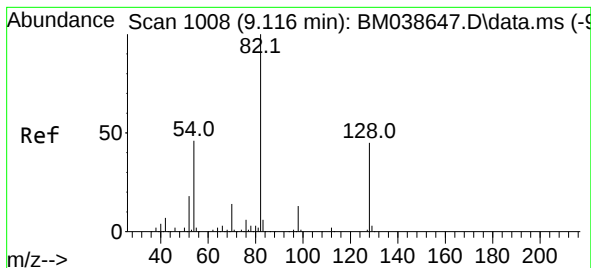
Tgt Ion: 99 Resp: 424921
Ion Ratio Lower Upper
99 100
42 16.9 14.6 22.0
71 39.9 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM038662.D
Acq: 02 Feb 2023 14:21

Tgt Ion: 136 Resp: 242990
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.1 4.2 6.4
68 3.5 2.9 4.3





#23

Nitrobenzene-d5

Concen: 62.470 ng

RT: 9.104 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BM038662.D

Acq: 02 Feb 2023 14:21

Instrument :

BNA_M

ClientSampleId :

3-RT-15-S

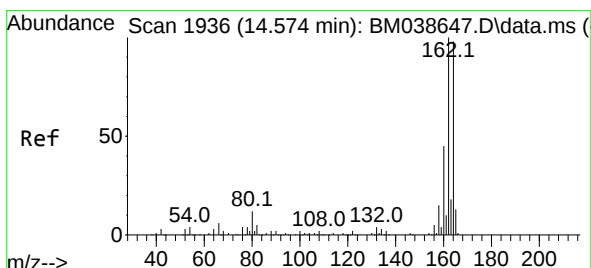
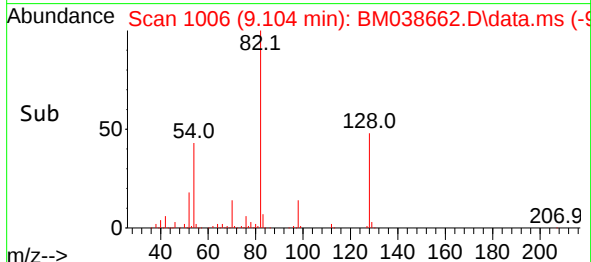
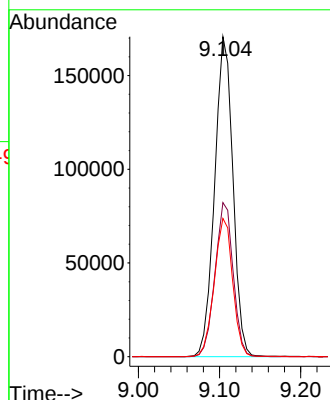
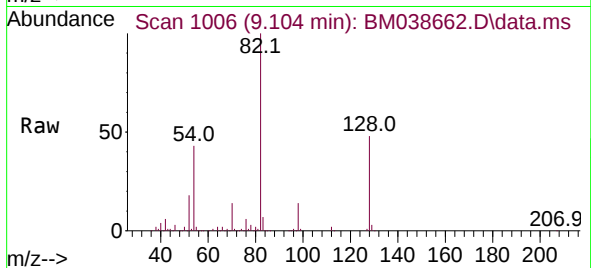
Tgt Ion: 82 Resp: 267245

Ion Ratio Lower Upper

82 100

128 48.2 36.0 54.0

54 43.2 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BM038662.D

Acq: 02 Feb 2023 14:21

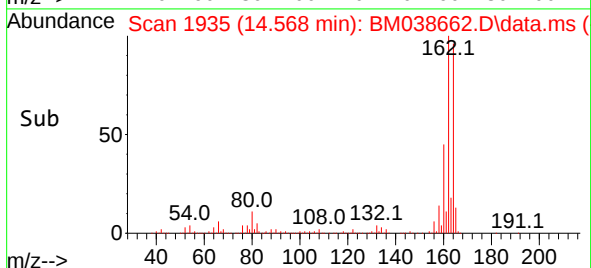
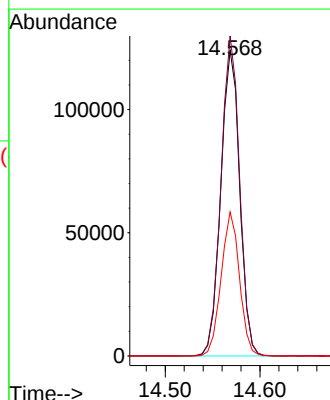
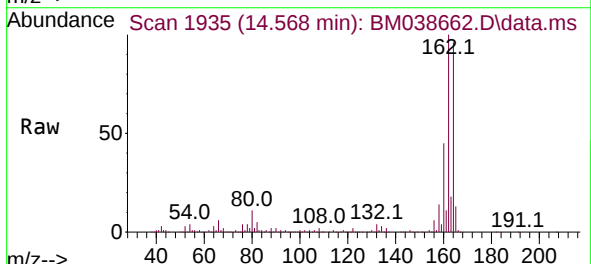
Tgt Ion: 164 Resp: 172128

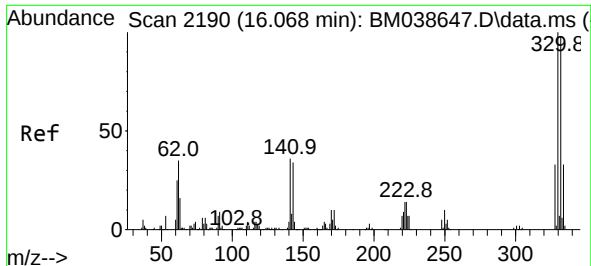
Ion Ratio Lower Upper

164 100

162 104.7 81.4 122.0

160 47.1 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 105.784 ng

RT: 16.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038662.D

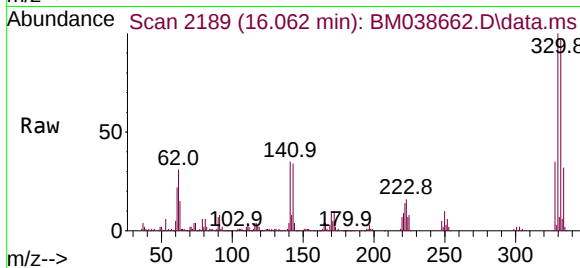
Acq: 02 Feb 2023 14:21

Instrument :

BNA_M

ClientSampleId :

3-RT-15-S



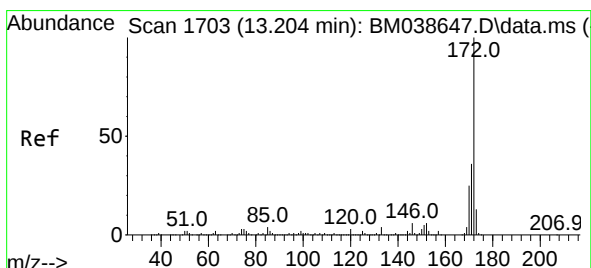
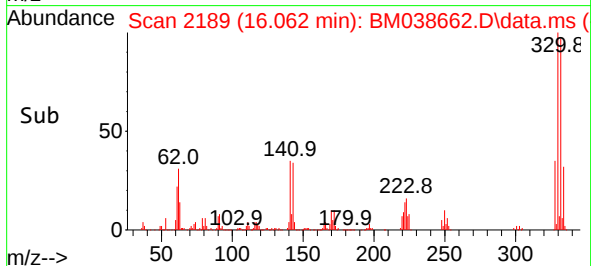
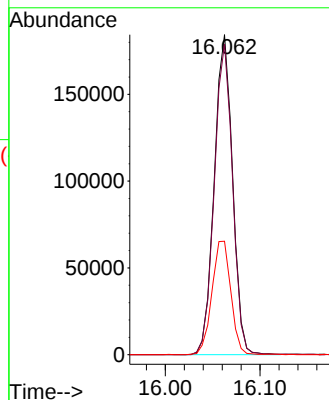
Tgt Ion:330 Resp: 247492

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 36.6 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 62.811 ng

RT: 13.192 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BM038662.D

Acq: 02 Feb 2023 14:21

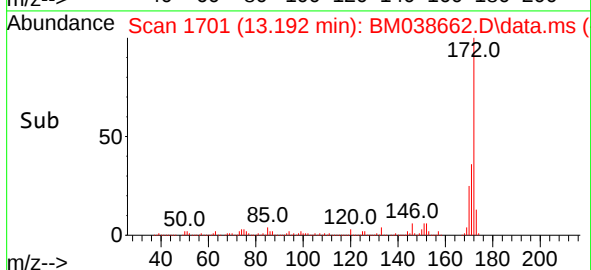
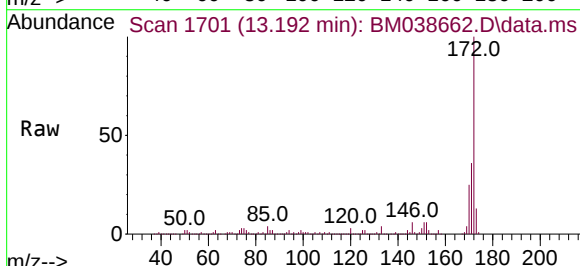
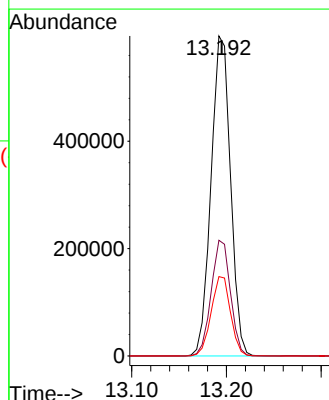
Tgt Ion:172 Resp: 849235

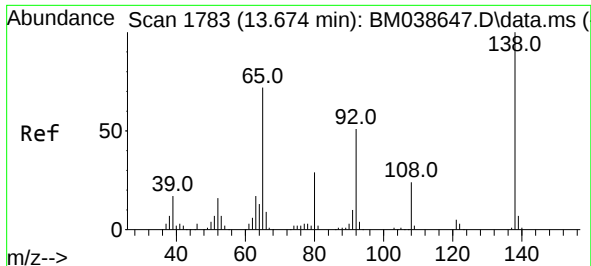
Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.8 20.0 30.0

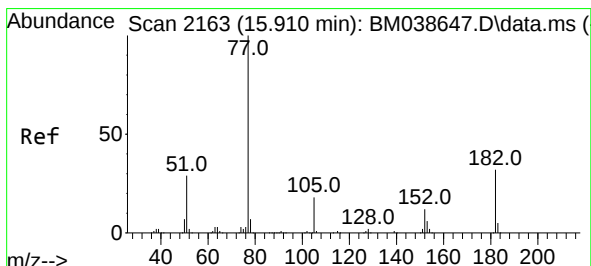
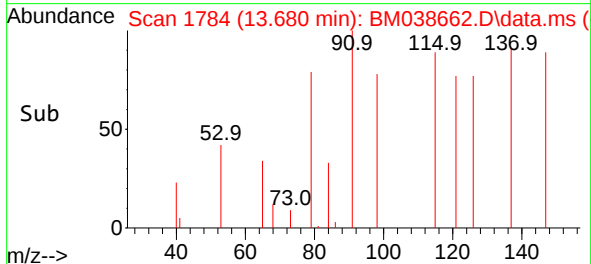
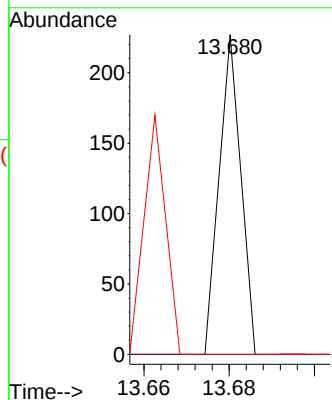
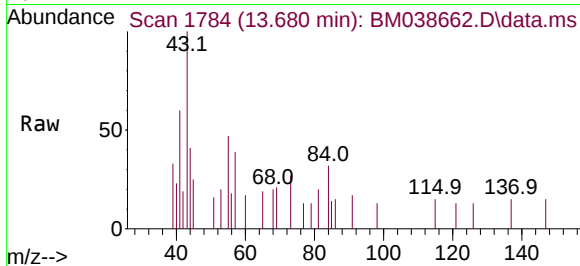




#48
2-Nitroaniline
Concen: 2.202 ng
RT: 13.680 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM038662.D
Acq: 02 Feb 2023 14:21

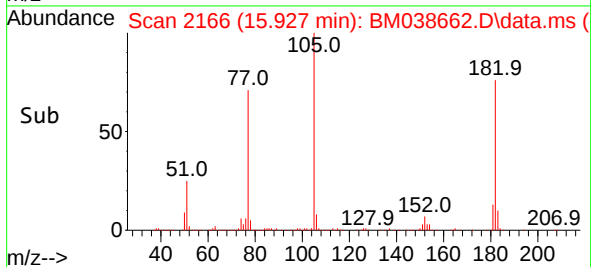
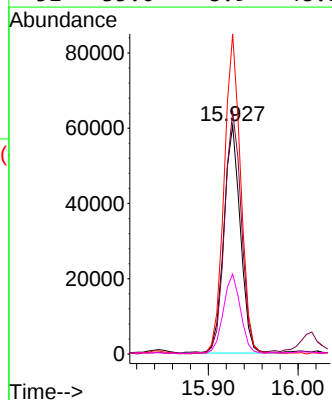
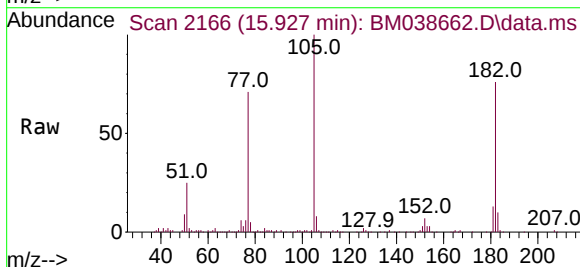
Instrument :
BNA_M
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3-RT-15-S

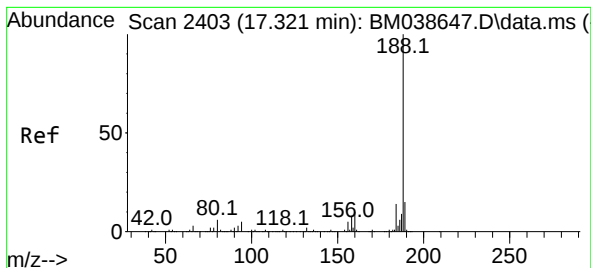
Tgt Ion: 65 Resp: 80
Ion Ratio Lower Upper
65 100
92 0.0 55.9 83.9#
138 0.0 110.6 166.0#



#63
Azobenzene
Concen: 7.560 ng
RT: 15.927 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BM038662.D
Acq: 02 Feb 2023 14:21

Tgt Ion: 77 Resp: 77401
Ion Ratio Lower Upper
77 100
182 106.1 12.0 52.0#
105 140.0 0.0 37.5#
51 35.0 8.9 48.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2401

Delta R.T. -0.012 min

Lab File: BM038662.D

Acq: 02 Feb 2023 14:21

Instrument :

BNA_M

ClientSampleId :

3-RT-15-S

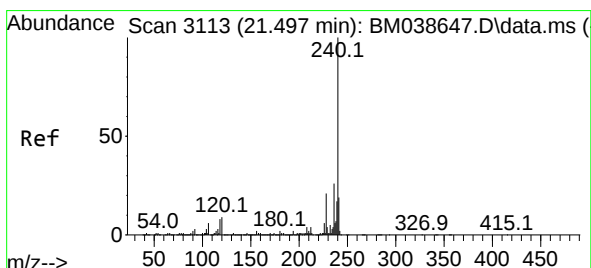
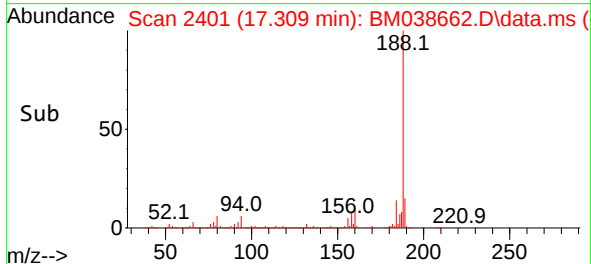
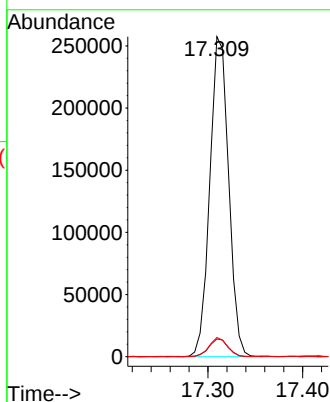
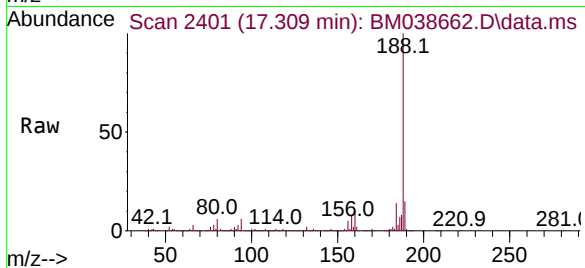
Tgt Ion:188 Resp: 354540

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.4

80 6.0 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.012 min

Lab File: BM038662.D

Acq: 02 Feb 2023 14:21

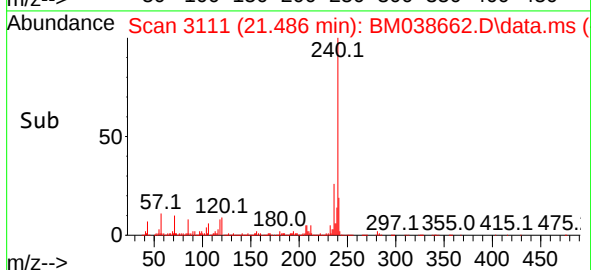
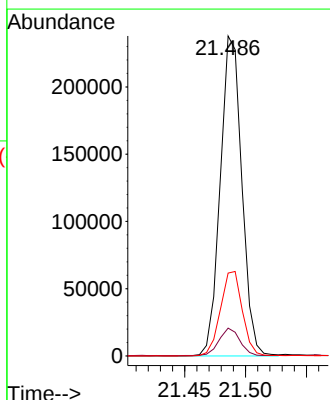
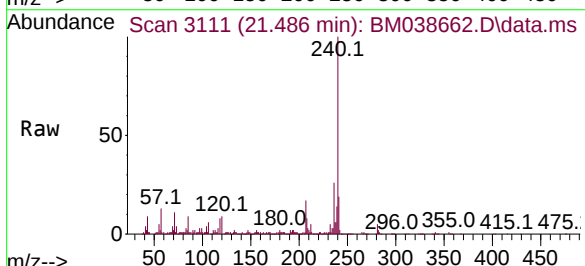
Tgt Ion:240 Resp: 293000

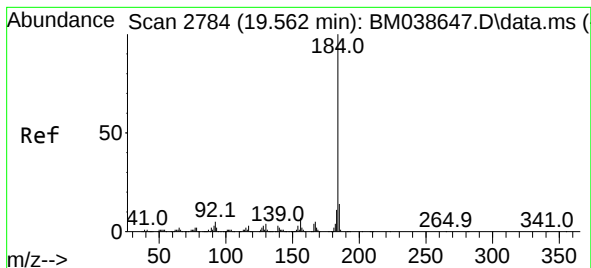
Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.4

236 25.9 20.9 31.3





#77

Benzidine

Concen: 3.121 ng

RT: 19.550 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM038662.D

Acq: 02 Feb 2023 14:21

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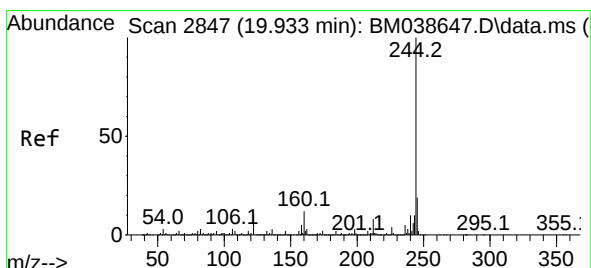
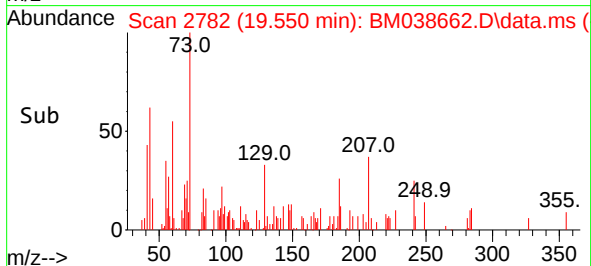
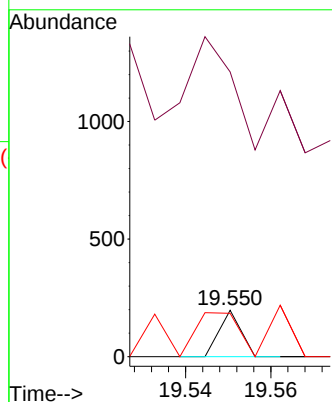
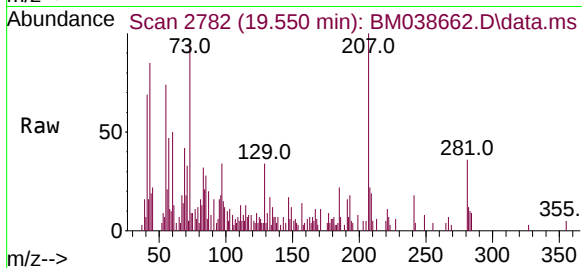
Tgt Ion:184 Resp: 69

Ion Ratio Lower Upper

184 100

185 614.7 10.8 16.2#

183 93.4 8.8 13.2#



#79

Terphenyl-d14

Concen: 67.182 ng

RT: 19.927 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BM038662.D

Acq: 02 Feb 2023 14:21

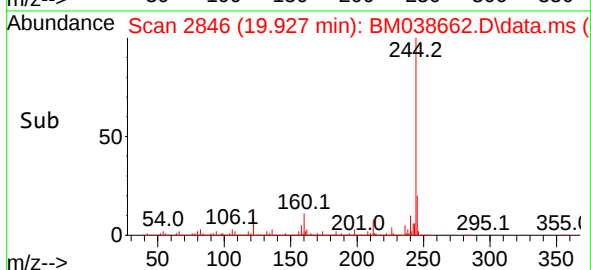
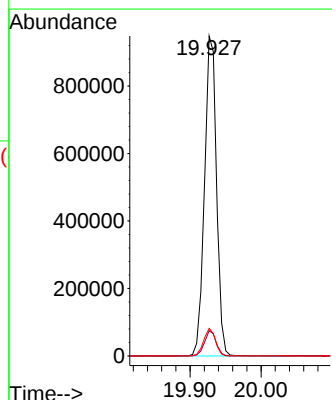
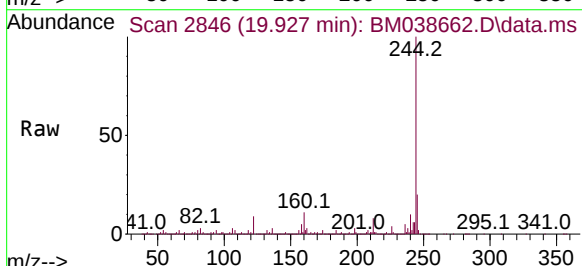
Tgt Ion:244 Resp: 1115474

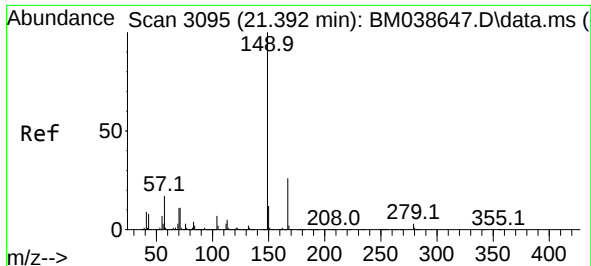
Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

122 8.6 7.8 11.8

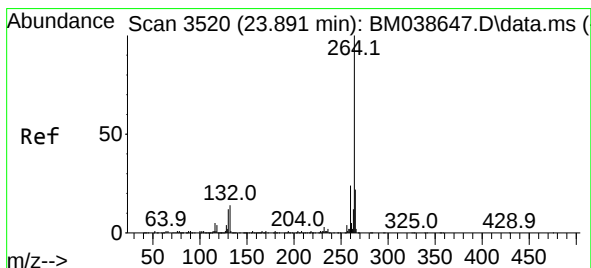
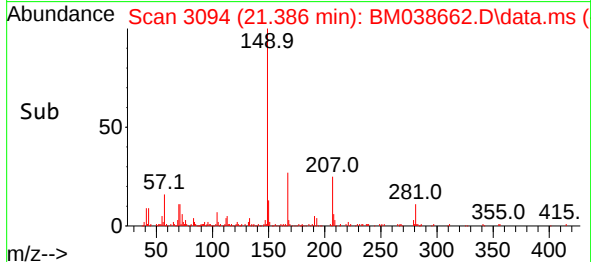
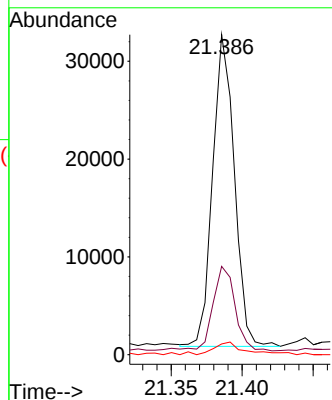
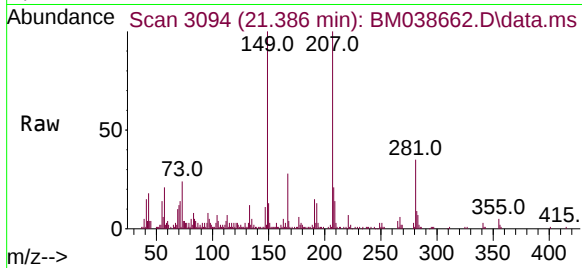




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.501 ng
RT: 21.386 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM038662.D
Acq: 02 Feb 2023 14:21

Instrument :
BNA_M
ClientSampleId :
3-RT-15-S

Tgt Ion:149 Resp: 33829
Ion Ratio Lower Upper
149 100
167 27.6 20.8 31.2
279 3.4 2.5 3.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.885 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM038662.D
Acq: 02 Feb 2023 14:21

Tgt Ion:264 Resp: 371405
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 22.4 17.9 26.9

