

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039117.D
 Acq On : 23 Mar 2023 14:52
 Operator : CG/JU
 Sample : 01975-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHAMBER-B-72-WEST

Quant Time: Mar 24 04:30:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

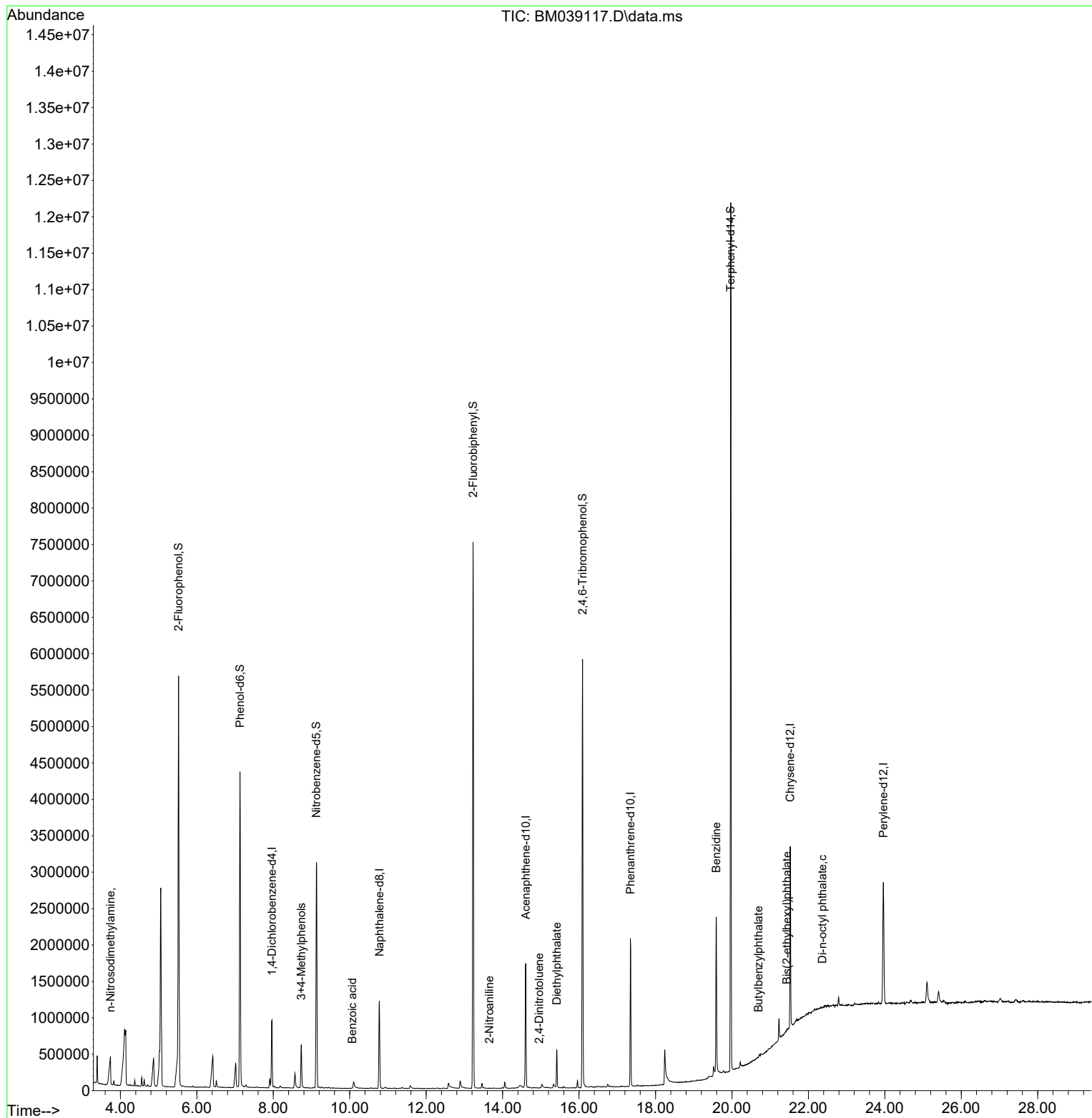
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	252490	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	978130	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	557563	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1178201	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1102729	20.000	ng	0.00
86) Perylene-d12	23.962	264	1242410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2221732	133.687	ng	0.00
7) Phenol-d6	7.128	99	2614478	121.117	ng	0.00
23) Nitrobenzene-d5	9.128	82	1818935	91.346	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	1056922	163.861	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	3829638	89.414	ng	0.00
79) Terphenyl-d14	19.968	244	5610633	93.025	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.740	42	45279	5.427	ng	# 1
20) 3+4-Methylphenols	8.733	107	282108	13.417	ng	87
32) Benzoic acid	10.069	122	1753	5.865	ng	# 89
48) 2-Nitroaniline	13.651	65	134	2.227	ng	# 27
57) 2,4-Dinitrotoluene	14.957	165	54	2.075	ng	# 32
60) Diethylphthalate	15.415	149	283945	6.802	ng	100
77) Benzidine	19.592	184	1262893	50.015	ng	97
80) Butylbenzylphthalate	20.697	149	323	3.324	ng	98
84) Bis(2-ethylhexyl)phtha...	21.439	149	7385	2.623	ng	# 93
85) Di-n-octyl phthalate	22.368	149	1931	3.818	ng	# 72

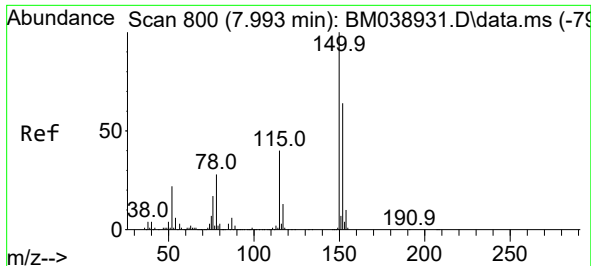
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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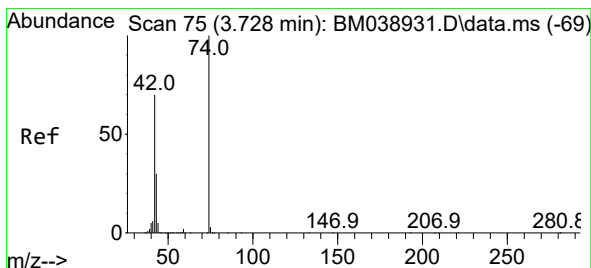
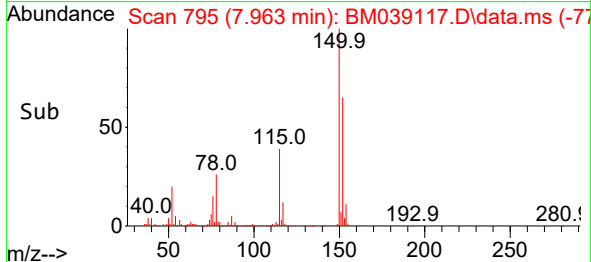
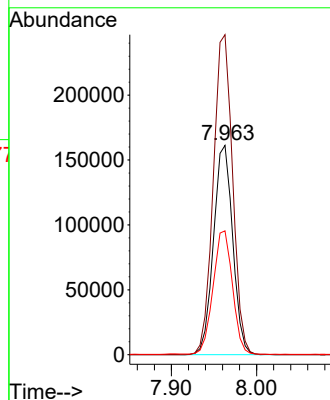
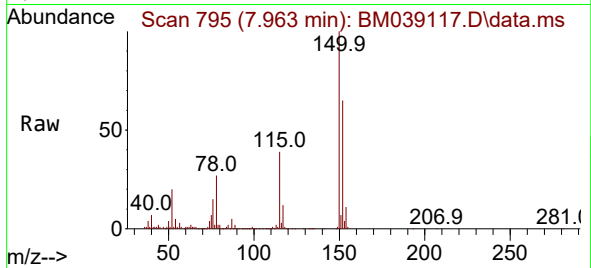




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

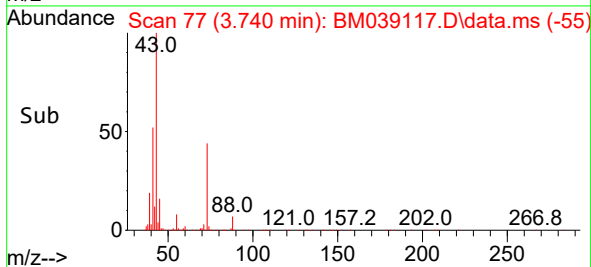
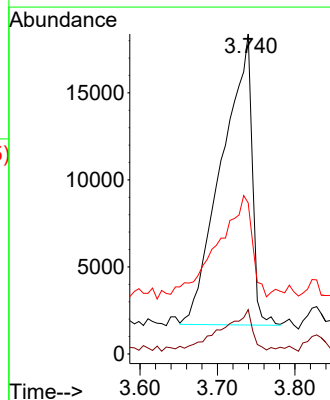
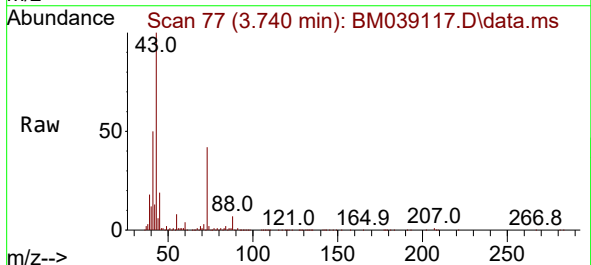
Instrument :
BNA_M
ClientSampleId :
CHAMBER-B-72-WEST

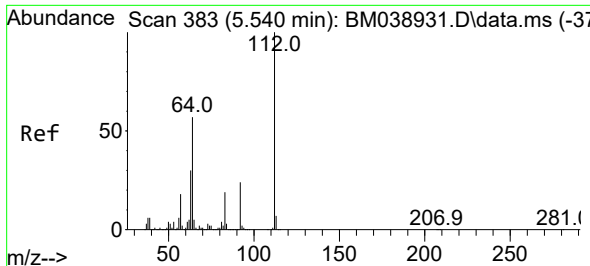
Tgt Ion:152 Resp: 252490
Ion Ratio Lower Upper
152 100
150 152.9 125.1 187.7
115 59.2 49.6 74.4



#4
n-Nitrosodimethylamine
Concen: 5.427 ng
RT: 3.740 min Scan# 77
Delta R.T. 0.029 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

Tgt Ion: 42 Resp: 45279
Ion Ratio Lower Upper
42 100
74 13.8 113.8 170.8#
44 47.2 6.2 9.2#

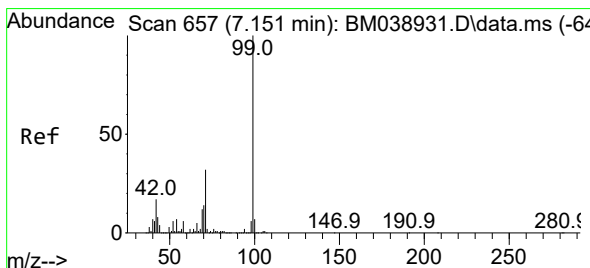
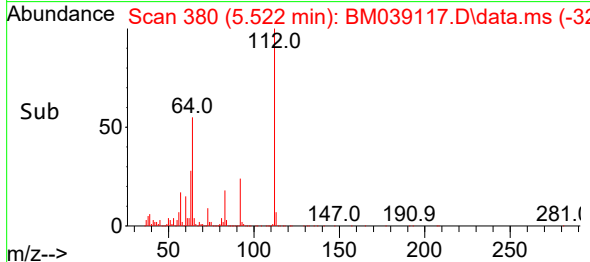
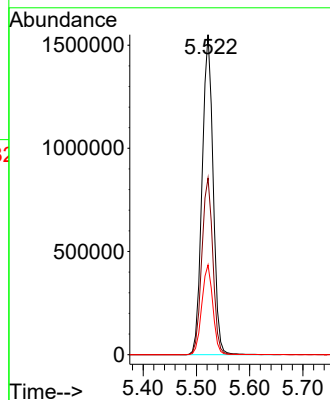
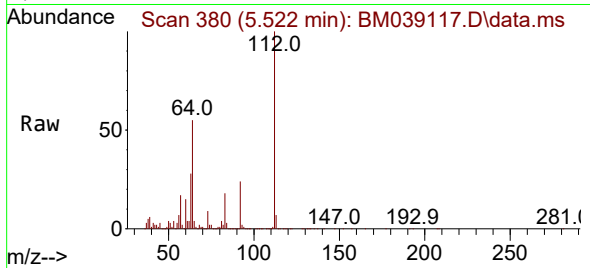




#5
2-Fluorophenol
Concen: 133.687 ng
RT: 5.522 min Scan# 380
Delta R.T. -0.000 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

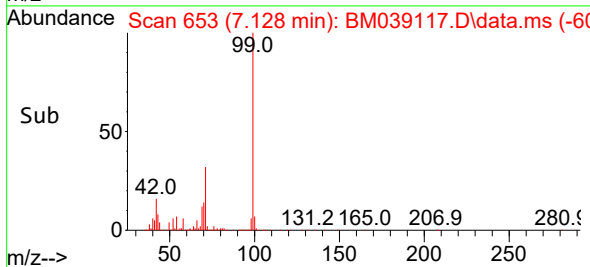
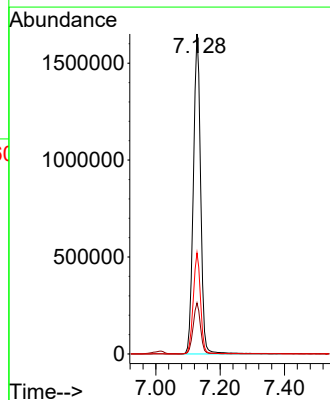
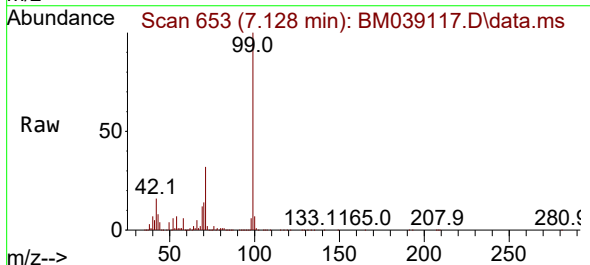
Instrument :
BNA_M
ClientSampleId :
CHAMBER-B-72-WEST

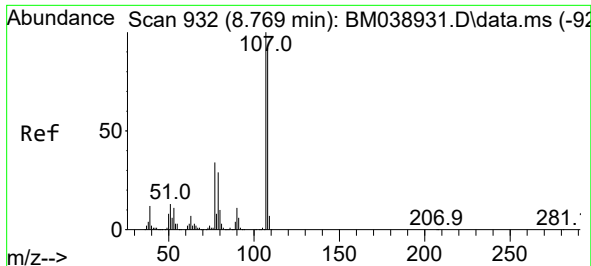
Tgt Ion:112 Resp: 2221732
Ion Ratio Lower Upper
112 100
64 55.2 45.9 68.9
63 28.0 23.8 35.8



#7
Phenol-d6
Concen: 121.117 ng
RT: 7.128 min Scan# 653
Delta R.T. -0.000 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

Tgt Ion: 99 Resp: 2614478
Ion Ratio Lower Upper
99 100
42 16.0 13.5 20.3
71 31.6 25.6 38.4

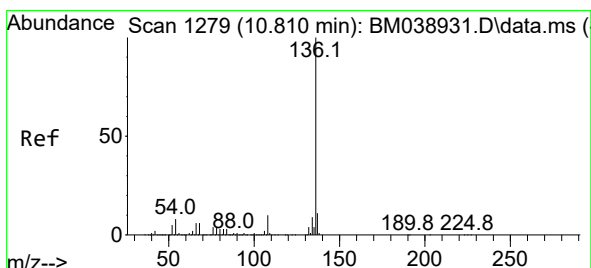
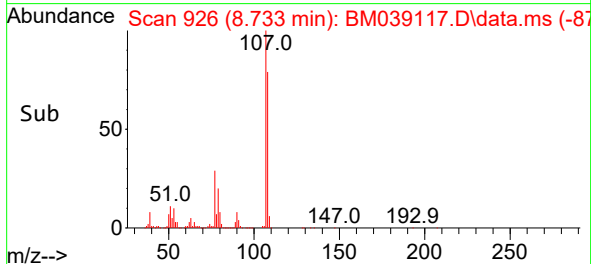
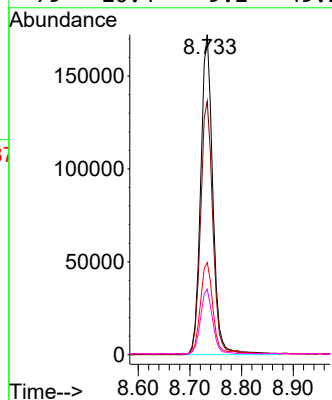
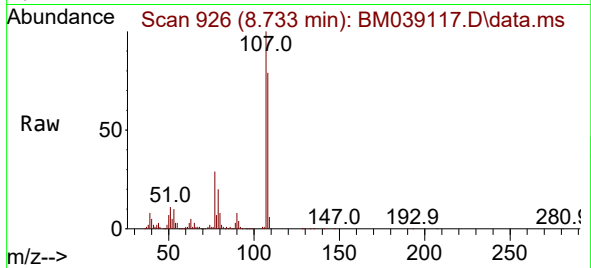




#20
3+4-Methylphenols
Concen: 13.417 ng
RT: 8.733 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

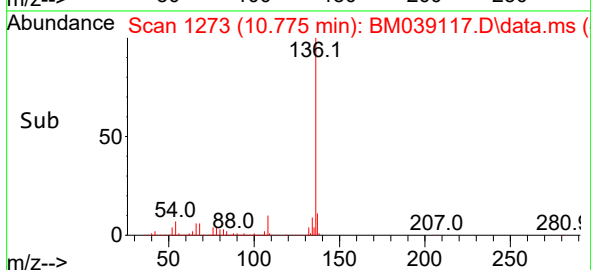
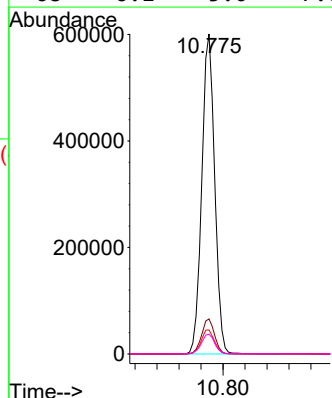
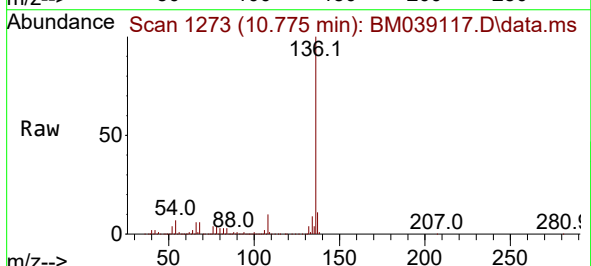
Instrument :
BNA_M
ClientSampleId :
CHAMBER-B-72-WEST

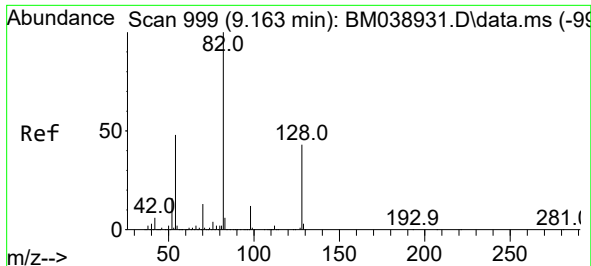
Tgt Ion:107	Resp:	282108	
Ion	Ratio	Lower	Upper
107	100		
108	79.2	71.8	111.8
77	28.8	13.6	53.6
79	20.4	9.2	49.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

Tgt Ion:136	Resp:	978130	
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.5	6.3	9.5
68	6.1	5.0	7.6

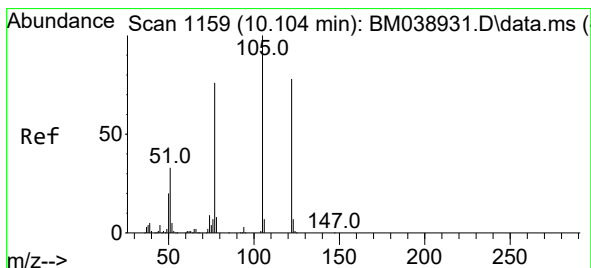
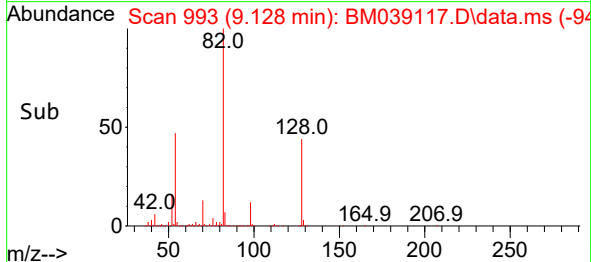
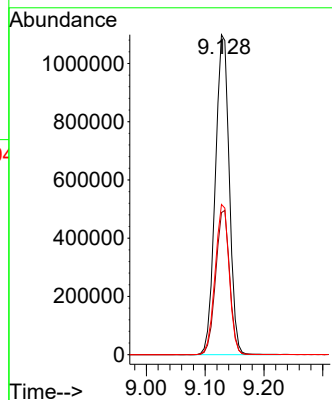
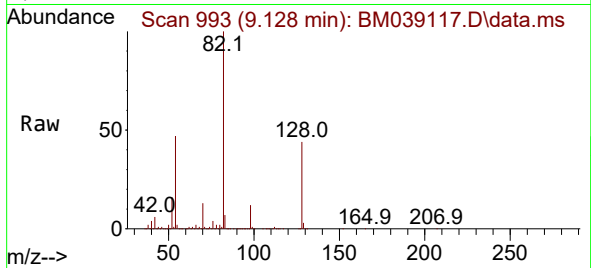




#23
Nitrobenzene-d5
Concen: 91.346 ng
RT: 9.128 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

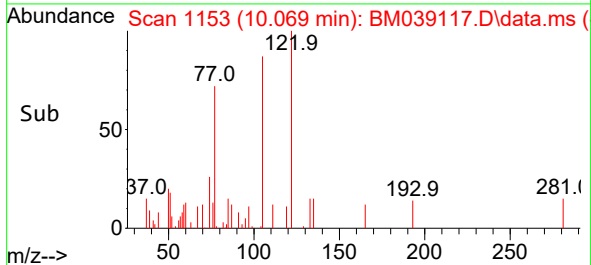
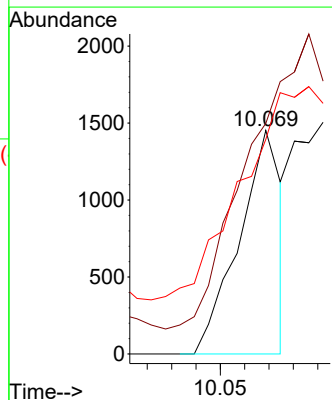
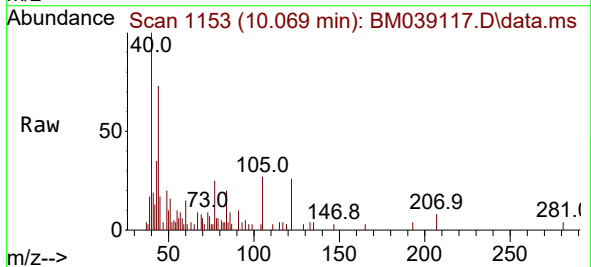
Instrument :
BNA_M
ClientSampleId :
CHAMBER-B-72-WEST

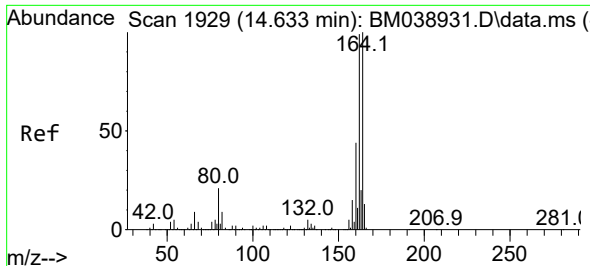
Tgt Ion: 82 Resp: 1818935
Ion Ratio Lower Upper
82 100
128 44.4 34.4 51.6
54 46.9 38.8 58.2



#32
Benzoic acid
Concen: 5.865 ng
RT: 10.069 min Scan# 1153
Delta R.T. -0.018 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

Tgt Ion: 122 Resp: 1753
Ion Ratio Lower Upper
122 100
105 103.2 104.2 144.2#
77 96.0 75.1 115.1

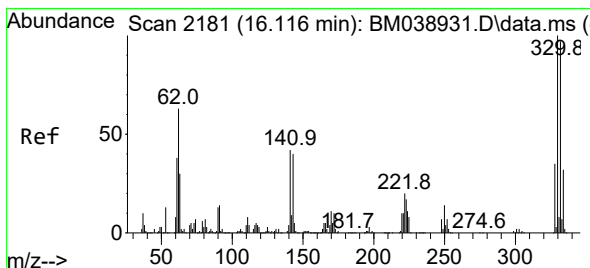
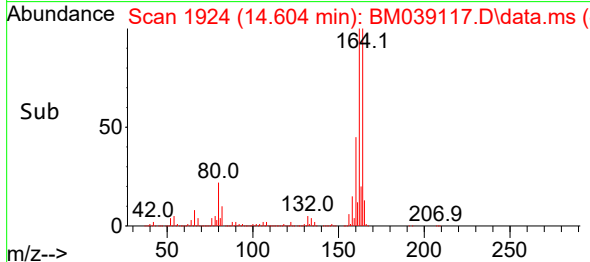
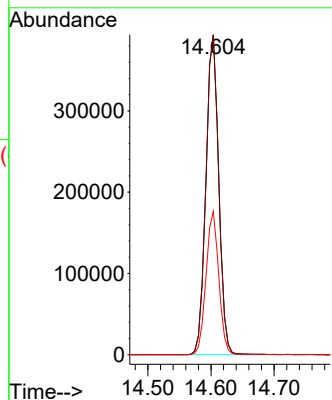
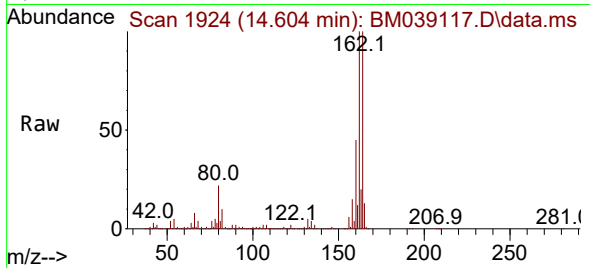




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

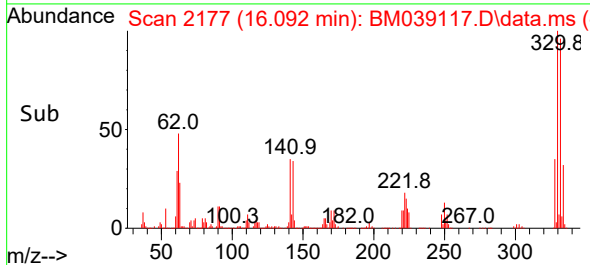
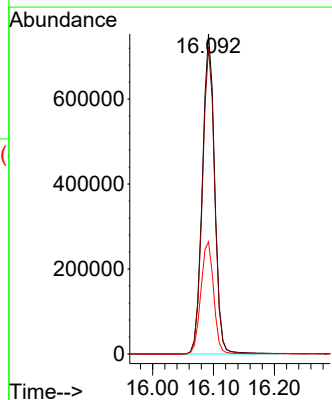
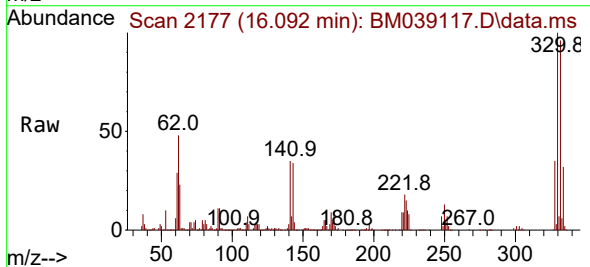
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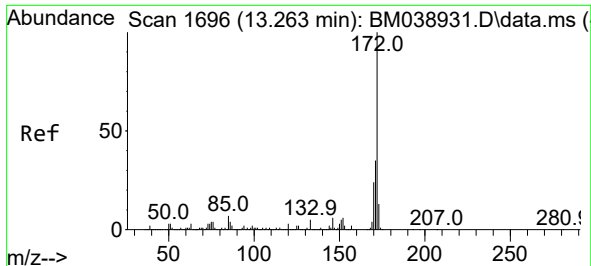
Tgt Ion:164 Resp: 557563
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 44.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 163.861 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

Tgt Ion:330 Resp: 1056922
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 36.9 32.2 48.4

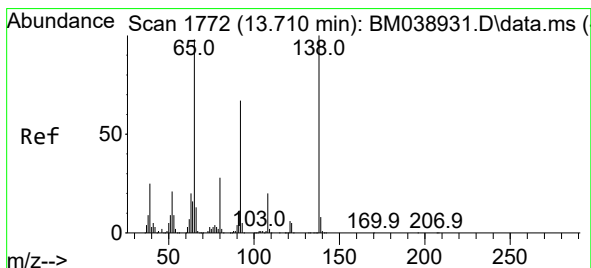
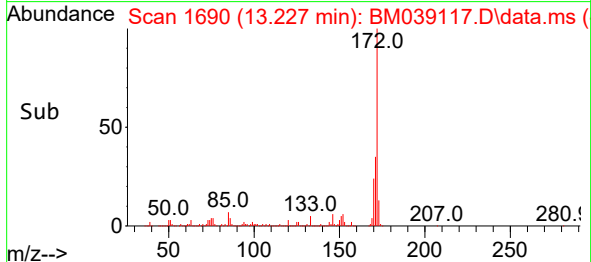
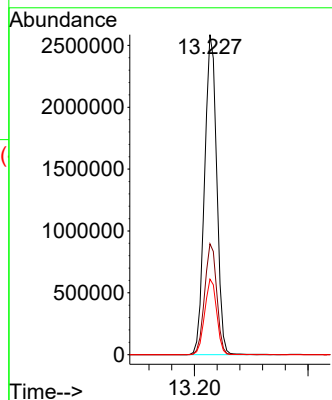
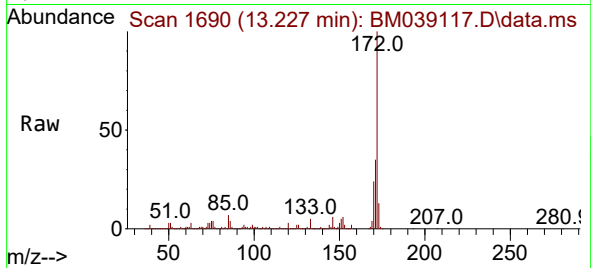




#45
2-Fluorobiphenyl
Concen: 89.414 ng
RT: 13.227 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

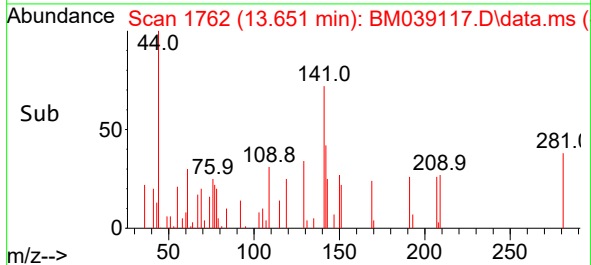
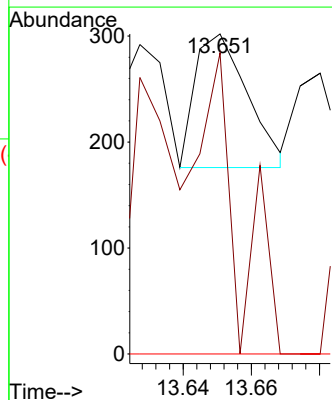
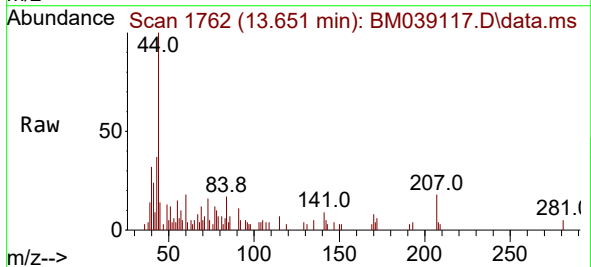
Instrument :
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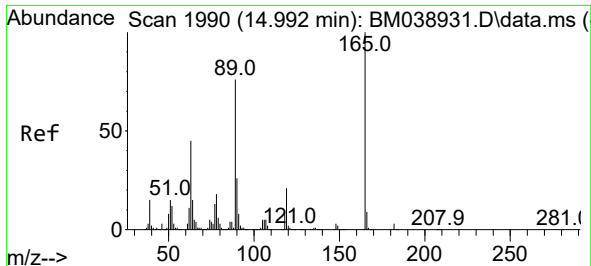
Tgt Ion:172 Resp: 3829638
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.6 19.1 28.7



#48
2-Nitroaniline
Concen: 2.227 ng
RT: 13.651 min Scan# 1762
Delta R.T. -0.041 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

Tgt Ion: 65 Resp: 134
Ion Ratio Lower Upper
65 100
92 94.0 54.9 82.3#
138 0.0 81.6 122.4#





#57

2,4-Dinitrotoluene

Concen: 2.075 ng

RT: 14.957 min Scan# 1990

Delta R.T. -0.012 min

Lab File: BM039117.D

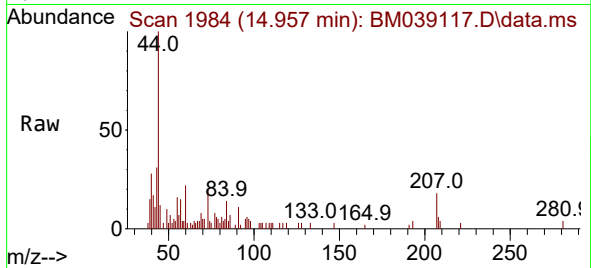
Acq: 23 Mar 2023 14:52

Instrument :

BNA_M

ClientSampleId :

CHAMBER-B-72-WEST



Tgt Ion:165 Resp: 54

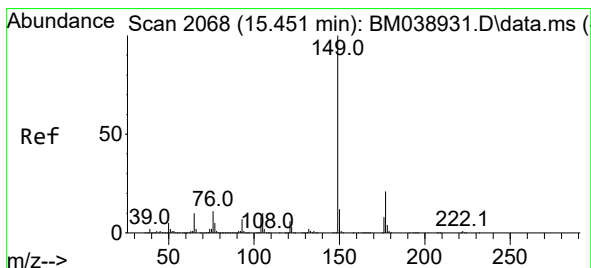
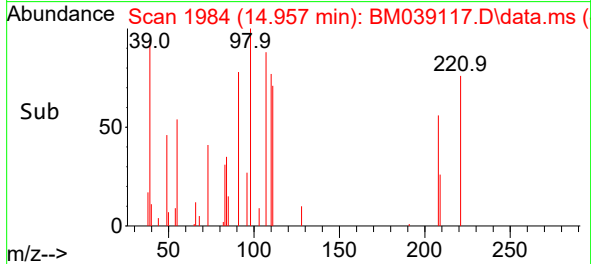
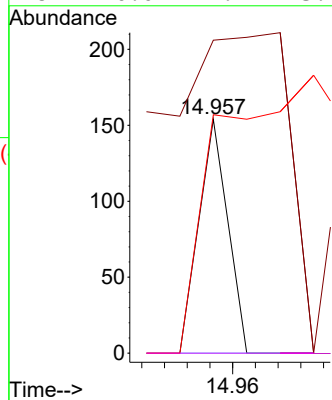
Ion Ratio Lower Upper

165 100

63 133.8 35.9 53.9#

89 101.9 61.0 91.6#

182 0.0 2.1 3.1#



#60

Diethylphthalate

Concen: 6.802 ng

RT: 15.415 min Scan# 2062

Delta R.T. -0.012 min

Lab File: BM039117.D

Acq: 23 Mar 2023 14:52

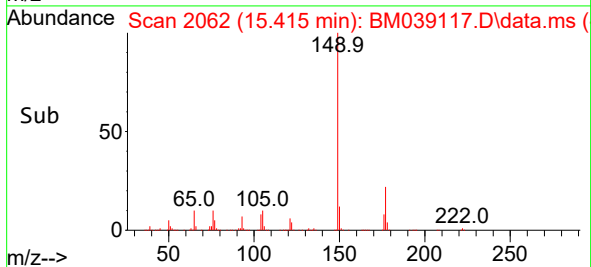
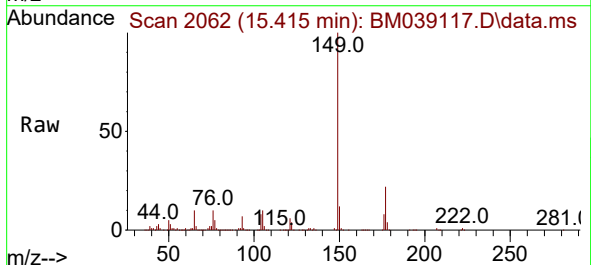
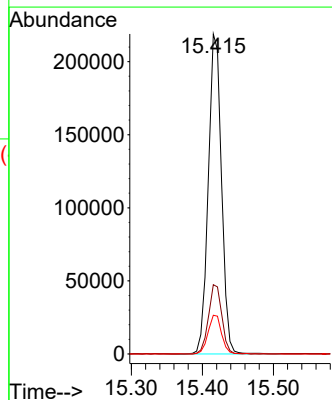
Tgt Ion:149 Resp: 283945

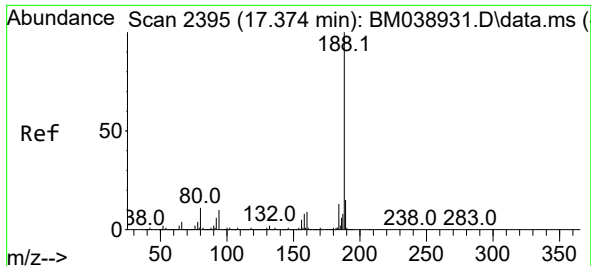
Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

150 12.1 9.7 14.5

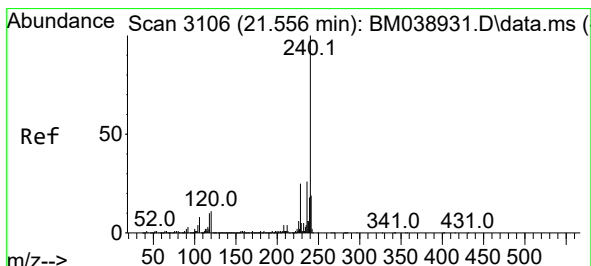
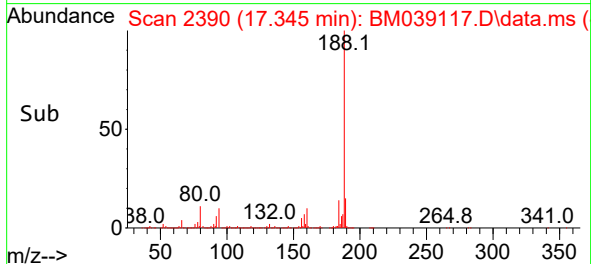
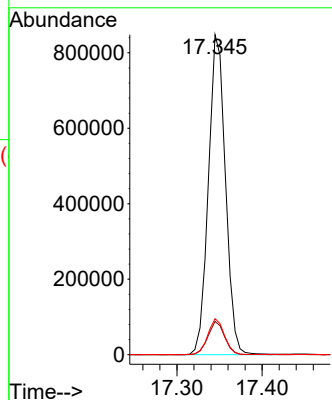
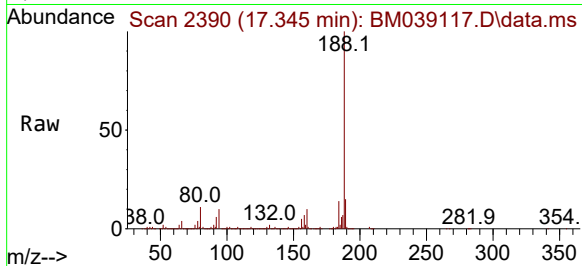




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

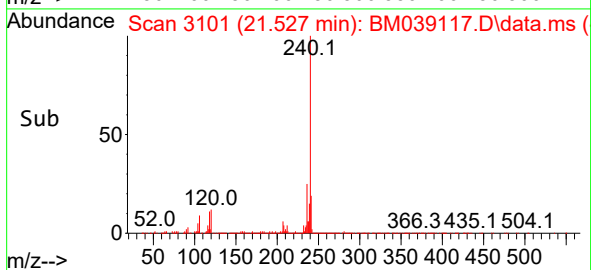
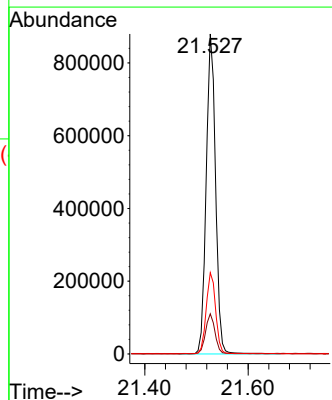
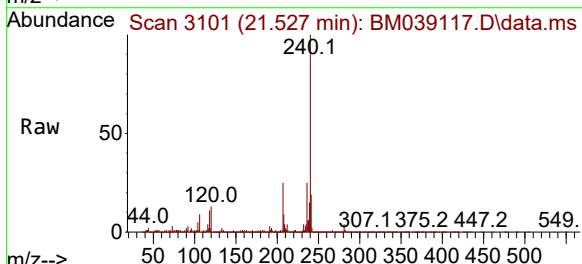
Instrument :
BNA_M
ClientSampleId :
CHAMBER-B-72-WEST

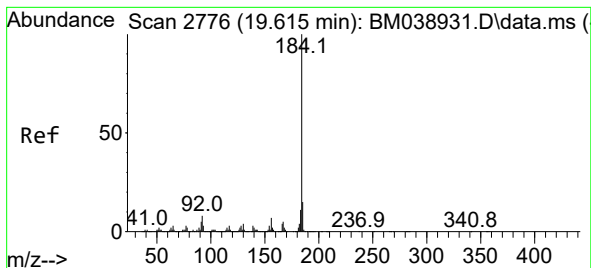
Tgt Ion:188 Resp: 1178201
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

Tgt Ion:240 Resp: 1102729
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.4 20.8 31.2





#77

Benzidine

Concen: 50.015 ng

RT: 19.592 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039117.D

Acq: 23 Mar 2023 14:52

Instrument :

BNA_M

ClientSampleId :

CHAMBER-B-72-WEST

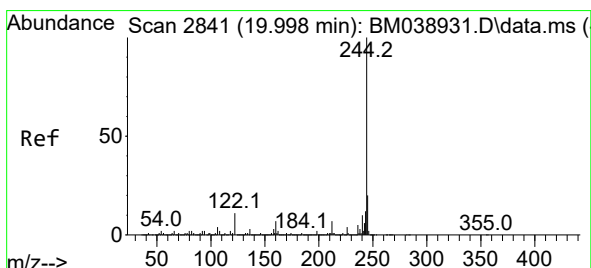
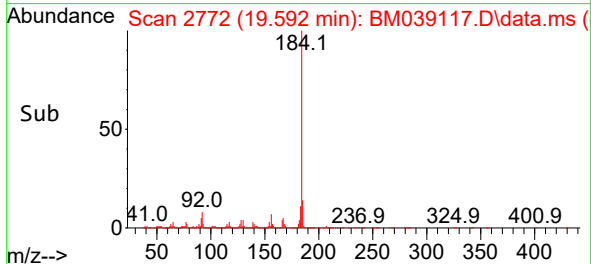
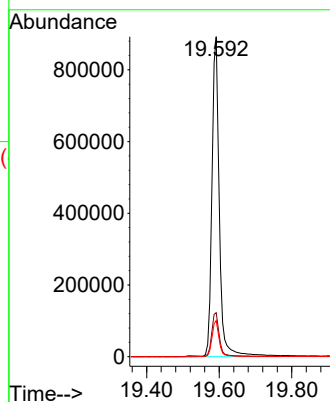
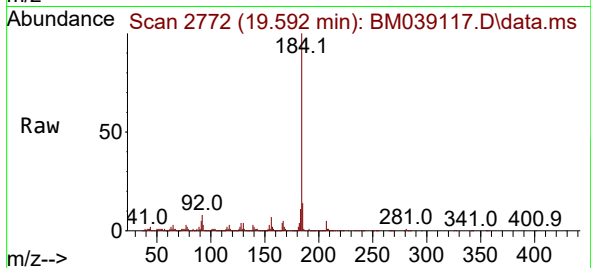
Tgt Ion:184 Resp: 1262893

Ion Ratio Lower Upper

184 100

185 13.7 12.2 18.4

183 11.3 8.8 13.2



#79

Terphenyl-d14

Concen: 93.025 ng

RT: 19.968 min Scan# 2836

Delta R.T. -0.000 min

Lab File: BM039117.D

Acq: 23 Mar 2023 14:52

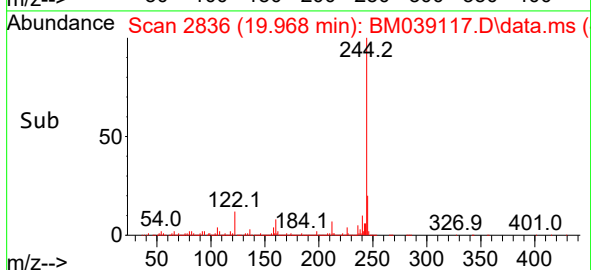
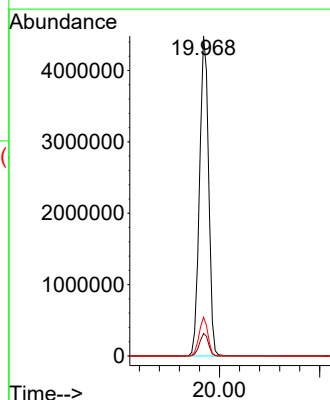
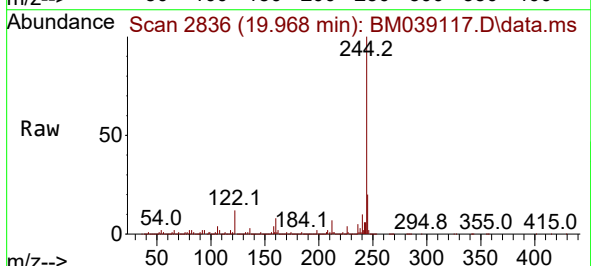
Tgt Ion:244 Resp: 5610633

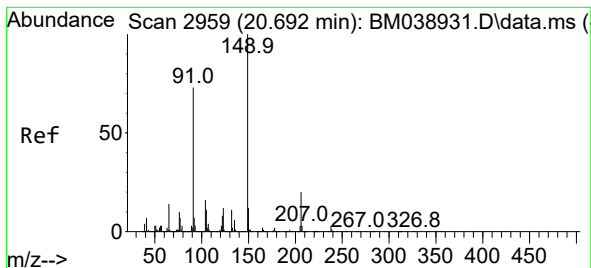
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 12.1 9.0 13.4





#80

Butylbenzylphthalate

Concen: 3.324 ng

RT: 20.697 min Scan# 2959

Delta R.T. 0.035 min

Lab File: BM039117.D

Acq: 23 Mar 2023 14:52

Instrument :

BNA_M

ClientSampleId :

CHAMBER-B-72-WEST

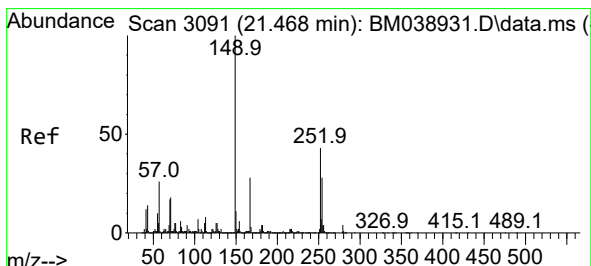
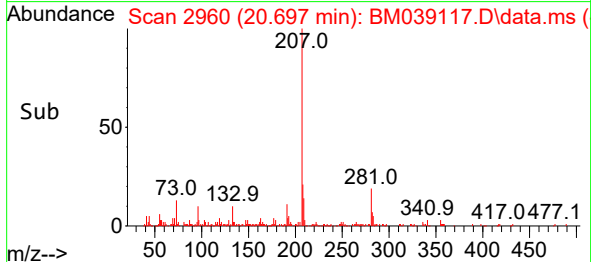
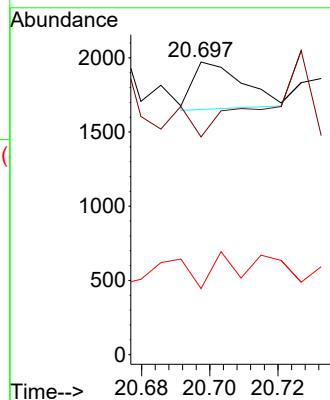
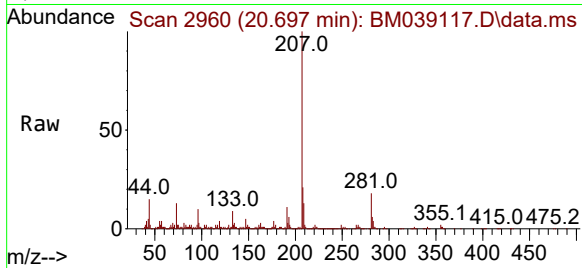
Tgt Ion:149 Resp: 323

Ion Ratio Lower Upper

149 100

91 74.4 58.4 87.6

206 22.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.623 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM039117.D

Acq: 23 Mar 2023 14:52

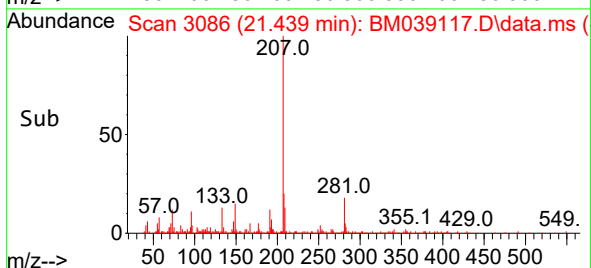
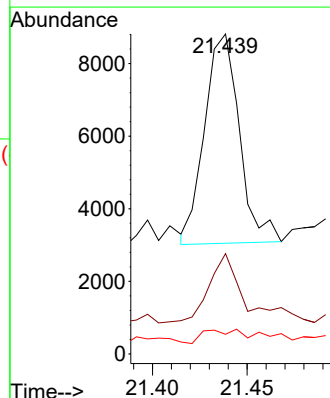
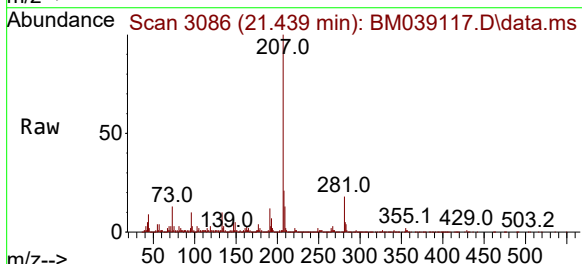
Tgt Ion:149 Resp: 7385

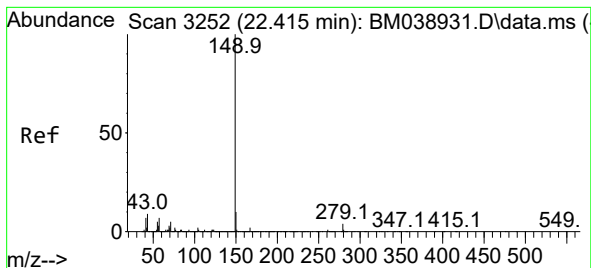
Ion Ratio Lower Upper

149 100

167 31.4 22.3 33.5

279 6.2 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 3.818 ng

RT: 22.368 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039117.D

Acq: 23 Mar 2023 14:52

Instrument :

BNA_M

ClientSampleId :

CHAMBER-B-72-WEST

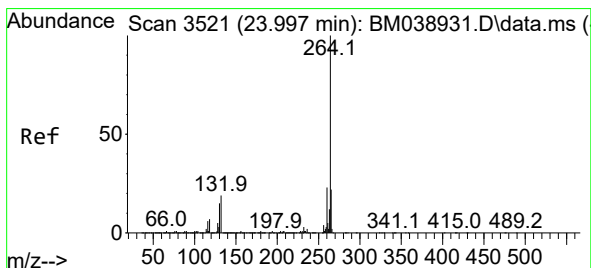
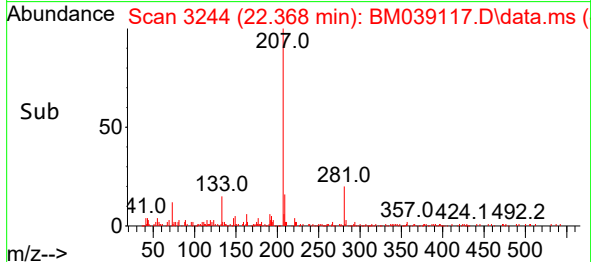
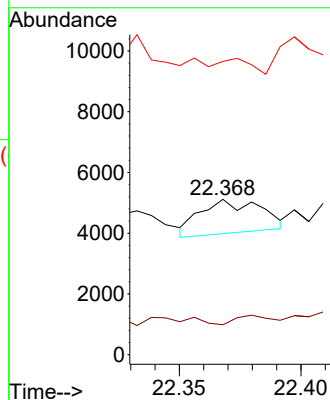
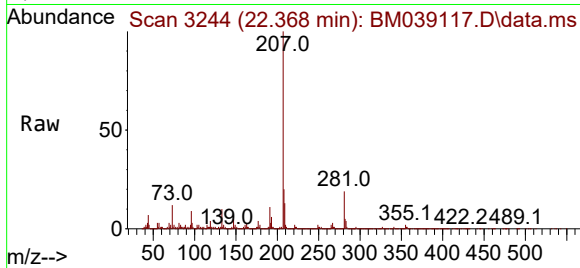
Tgt Ion:149 Resp: 1931

Ion Ratio Lower Upper

149 100

167 16.9 1.2 1.8#

43 0.0 7.4 11.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3515

Delta R.T. -0.000 min

Lab File: BM039117.D

Acq: 23 Mar 2023 14:52

Tgt Ion:264 Resp: 1242410

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.8 17.9 26.9

