

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)

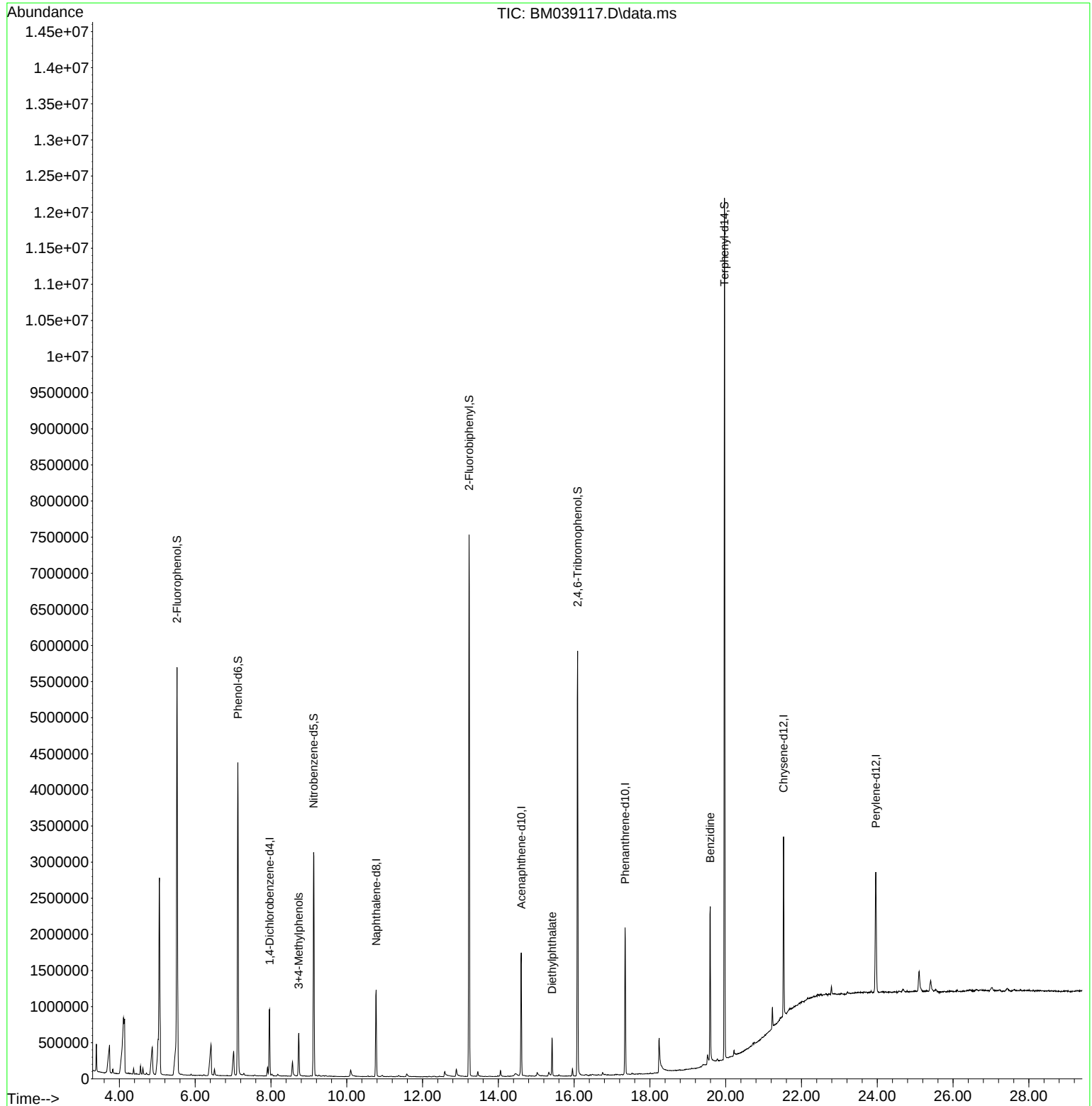
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	252490	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	978130	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	557563	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1178201	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1102729	20.000	ng	0.00
86) Perylene-d12	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						
20) 3+4-Methylphenols	8.733	107	282108	13.417	ng	Qvalue 87
60) Diethylphthalate	15.415	149	283945	6.802	ng	100
77) Benzidine	19.592	184	1262893	50.015	ng	97

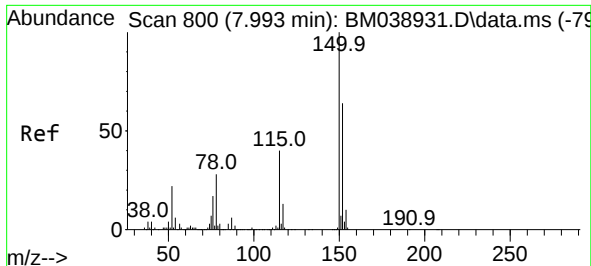
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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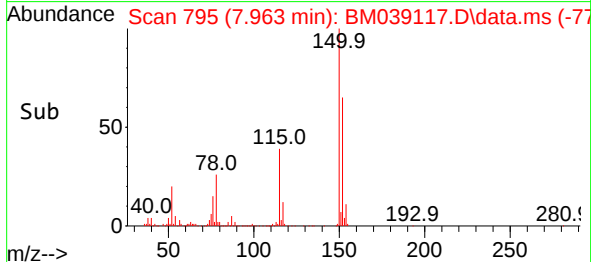
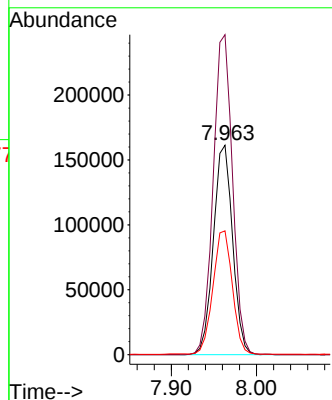
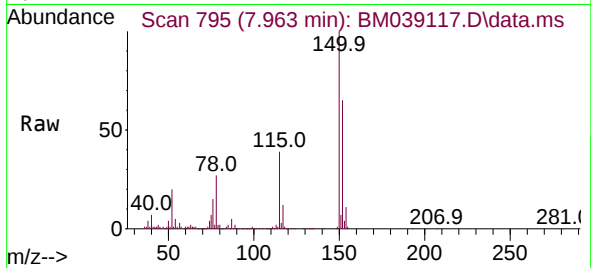




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

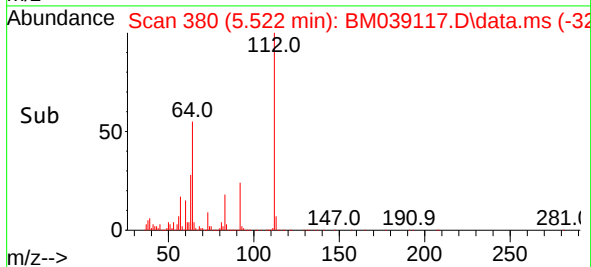
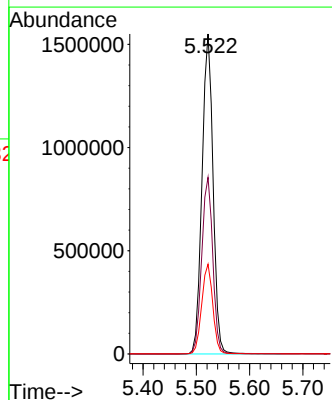
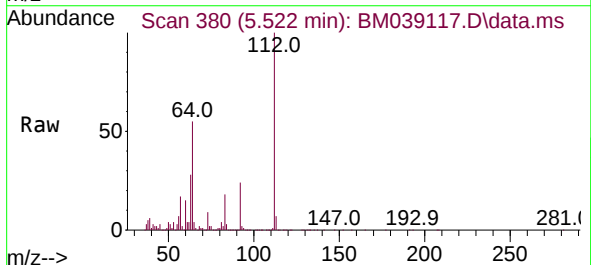
Instrument :
BNA_M
ClientSampleId :
CHAMBER-B-72-WEST

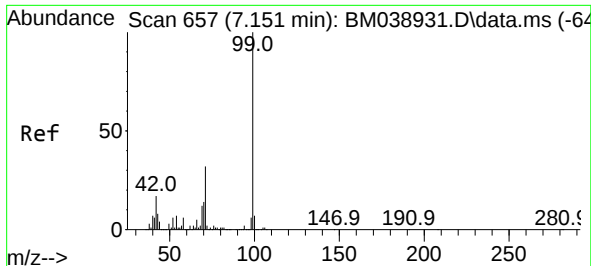
Tgt Ion:152 Resp: 252490
Ion Ratio Lower Upper
152 100
150 152.9 125.1 187.7
115 59.2 49.6 74.4



#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

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

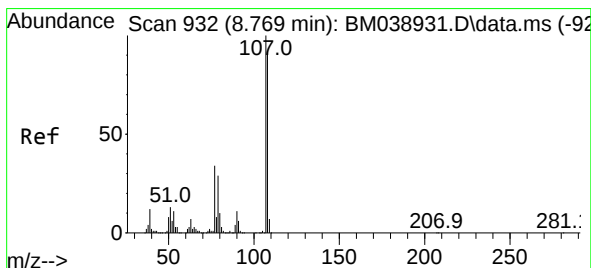
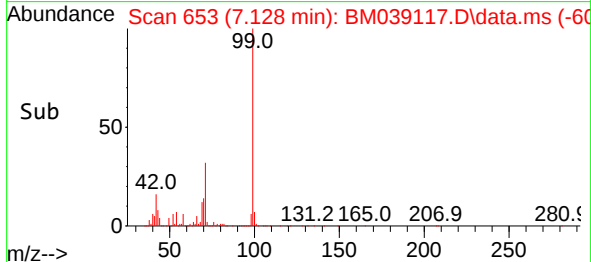
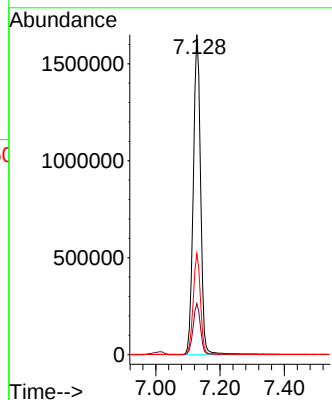
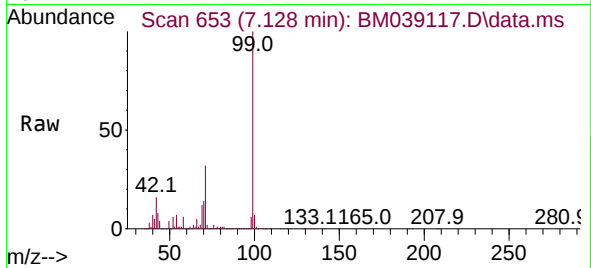




#7
Phenol-d6
Concen: 121.117 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

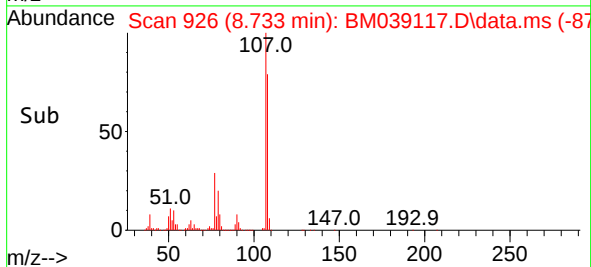
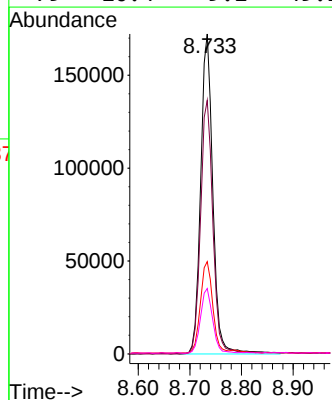
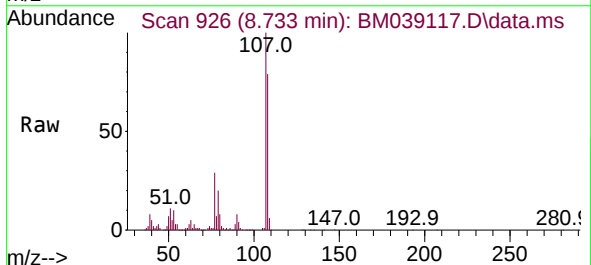
Instrument :
BNA_M
ClientSampleId :
CHAMBER-B-72-WEST

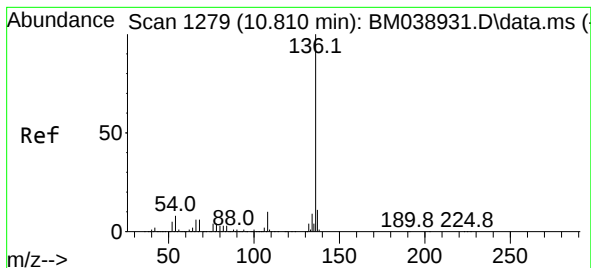
Tgt Ion: 99 Resp: 2614478
Ion Ratio Lower Upper
99 100
42 16.0 13.5 20.3
71 31.6 25.6 38.4



#20
3+4-Methylphenols
Concen: 13.417 ng
RT: 8.733 min Scan# 926
Delta R.T. -0.012 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

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



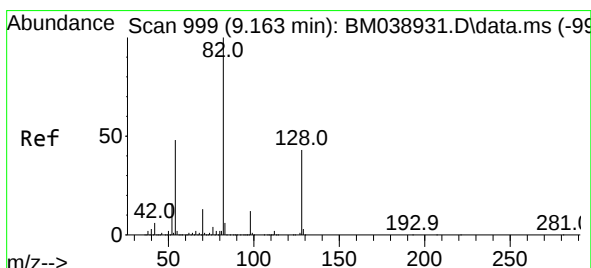
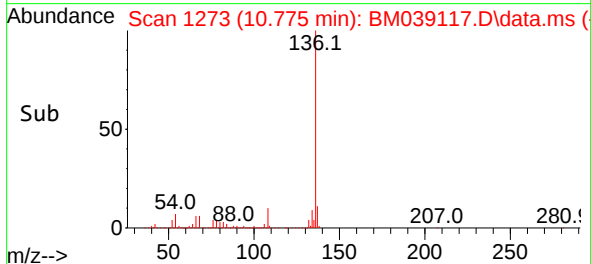
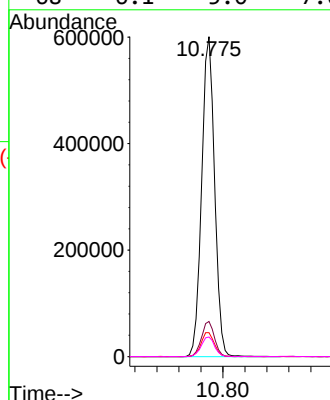
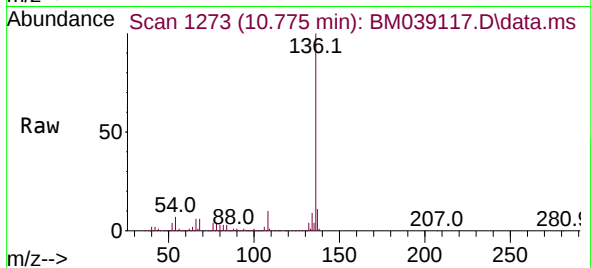


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

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

Tgt Ion:136 Resp: 978130

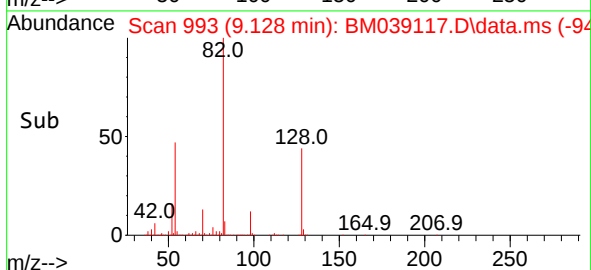
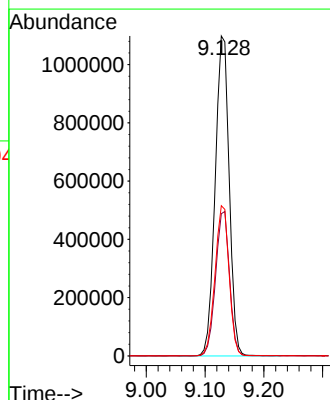
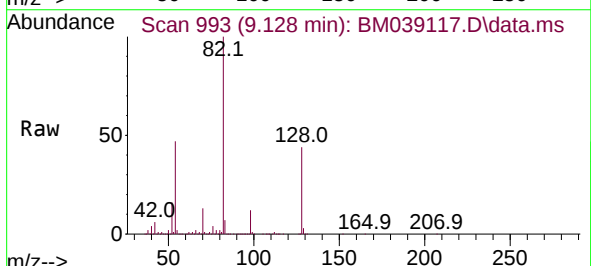
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.5	6.3	9.5
68	6.1	5.0	7.6

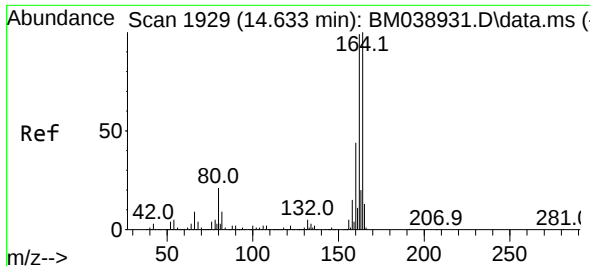


#23
Nitrobenzene-d5
Concen: 91.346 ng
RT: 9.128 min Scan# 993
Delta R.T. -0.012 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

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

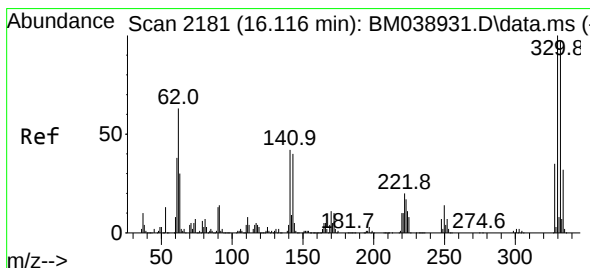
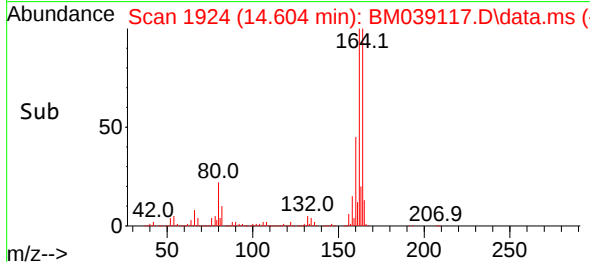
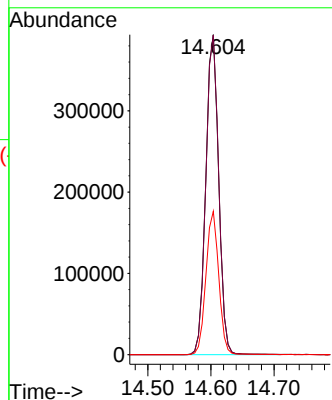
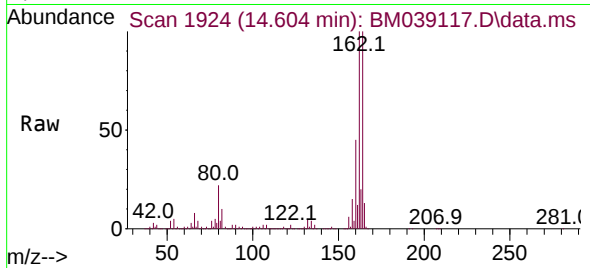




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

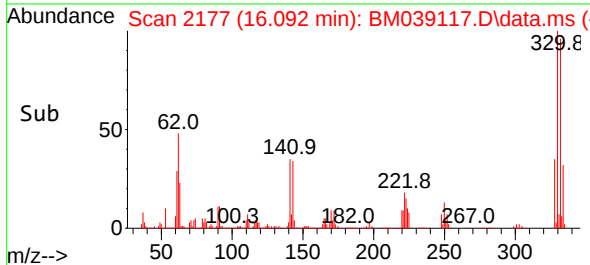
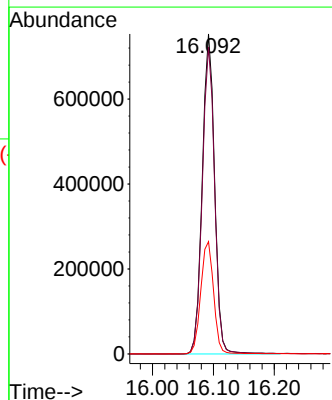
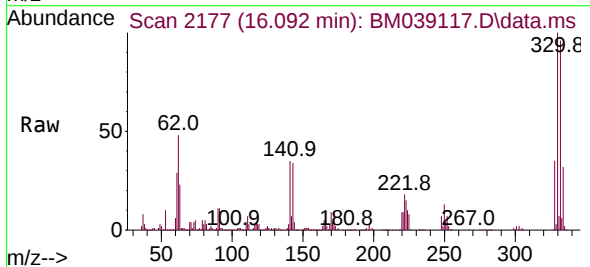
Instrument :
BNA_M
ClientSampleId :
CHAMBER-B-72-WEST

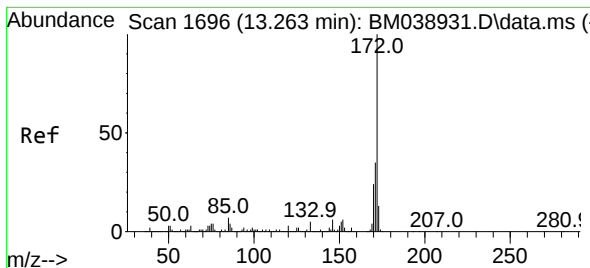
Tgt Ion:164 Resp: 557563
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 44.8 35.5 53.3



#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# 1696

Delta R.T. -0.006 min

Lab File: BM039117.D

Acq: 23 Mar 2023 14:52

Instrument :

BNA_M

ClientSampleId :

CHAMBER-B-72-WEST

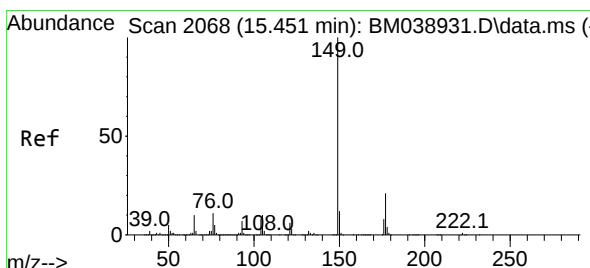
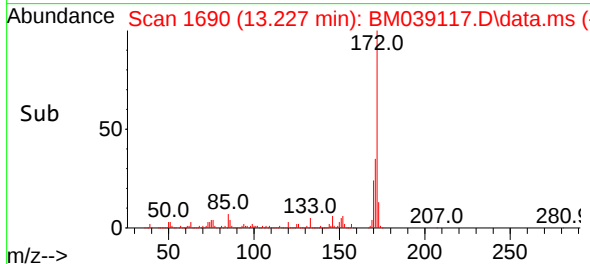
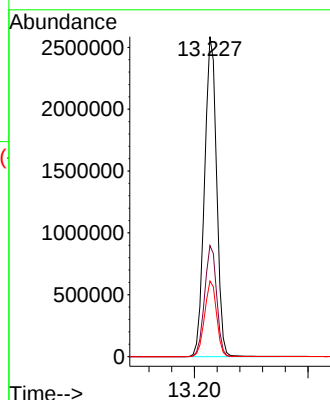
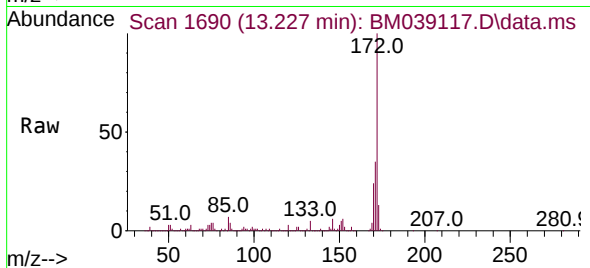
Tgt Ion:172 Resp: 3829638

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.6 19.1 28.7



#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

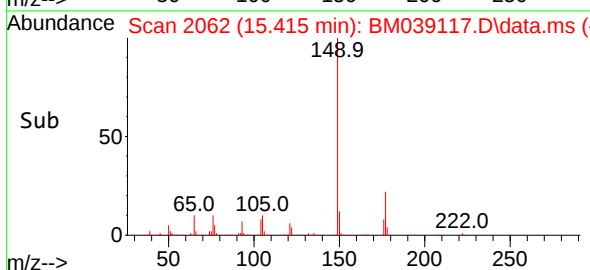
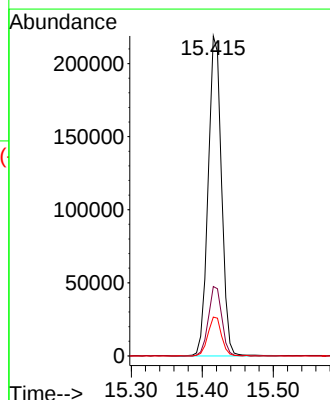
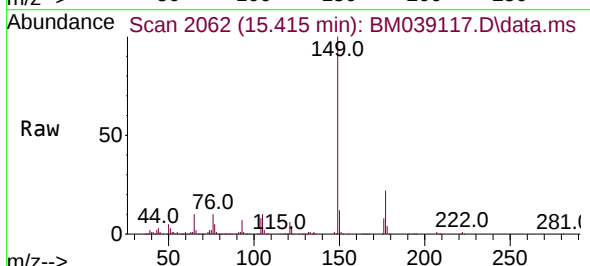
Tgt Ion:149 Resp: 283945

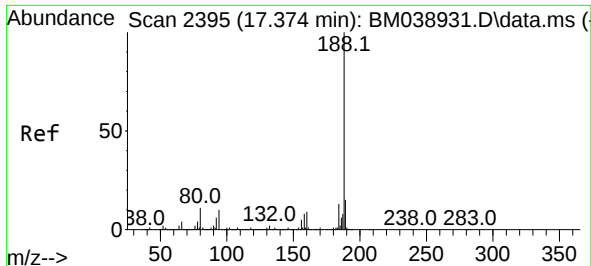
Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

150 12.1 9.7 14.5

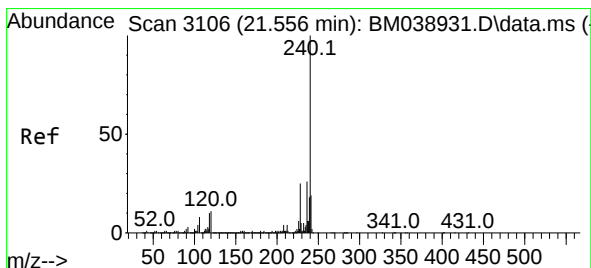
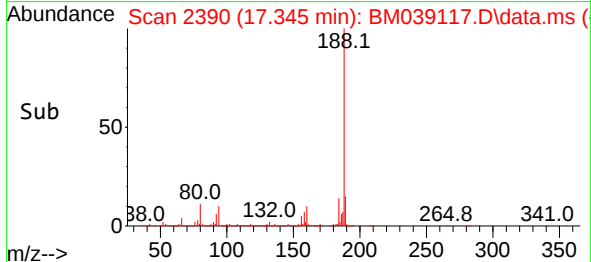
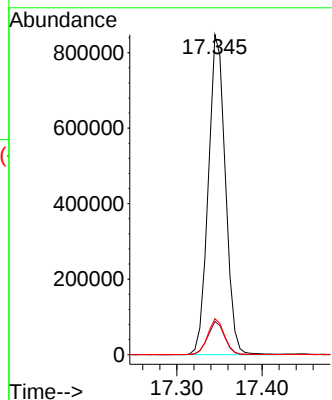
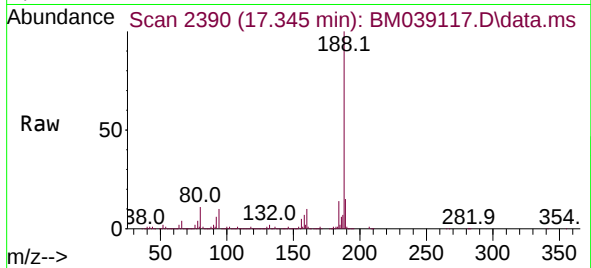




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM039117.D
Acq: 23 Mar 2023 14:52

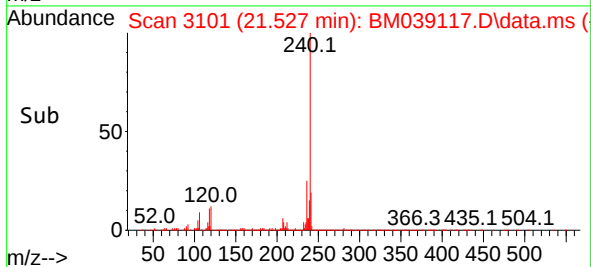
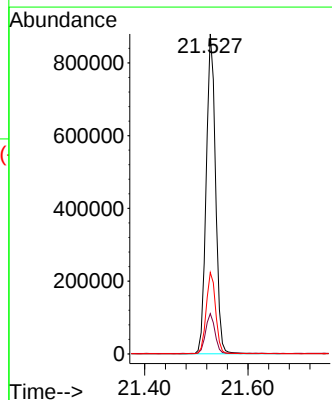
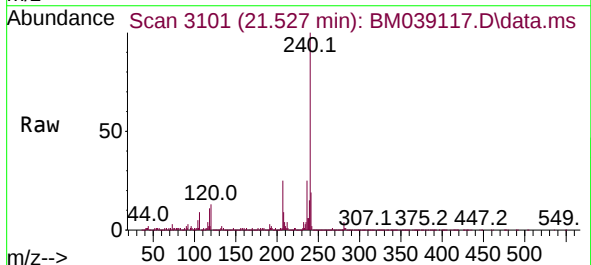
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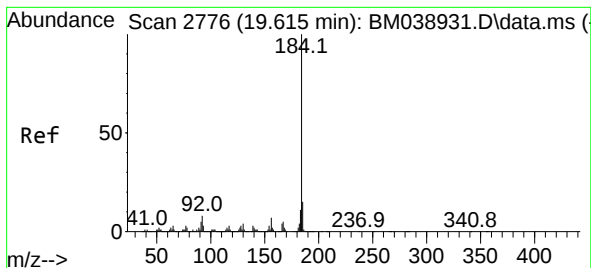
Tgt Ion:188 Resp: 1178201
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.2 8.5 12.7



#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

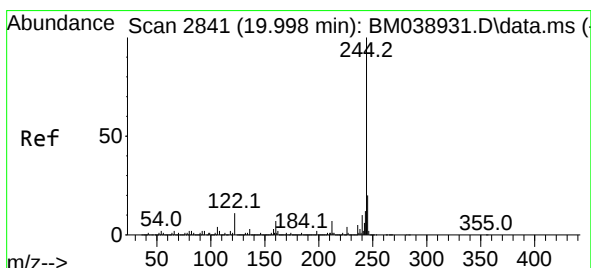
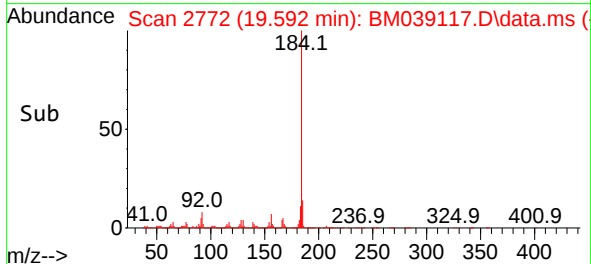
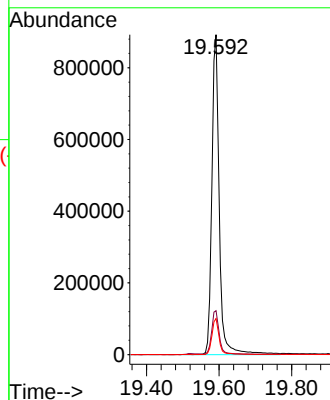
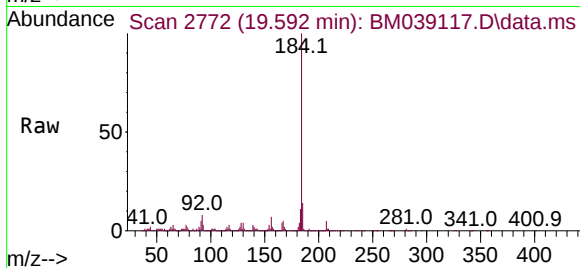
Tgt Ion:184 Resp: 1262893

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

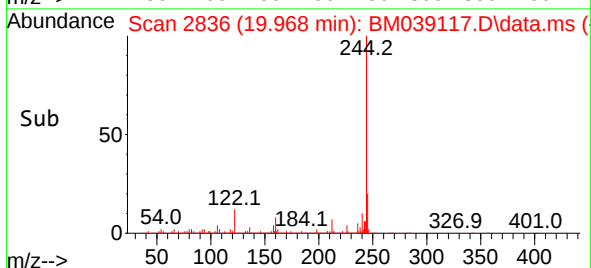
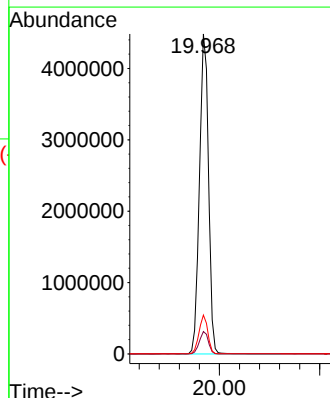
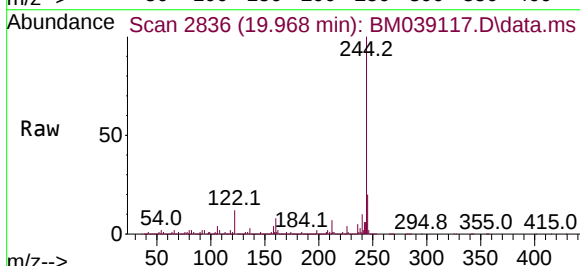
Tgt Ion:244 Resp: 5610633

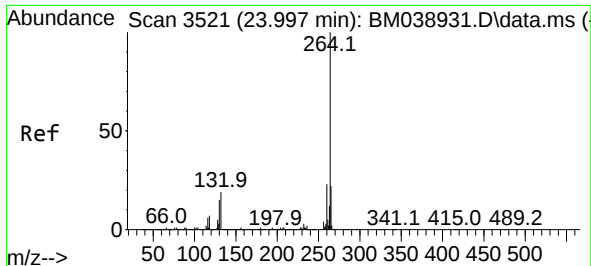
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 12.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 31
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:264 Resp: 1242410

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.8	17.9	26.9

