

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038799.D
 Acq On : 20 Feb 2023 22:41
 Operator : CG/JU
 Sample : 01593-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-3

Quant Time: Feb 21 02:11:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

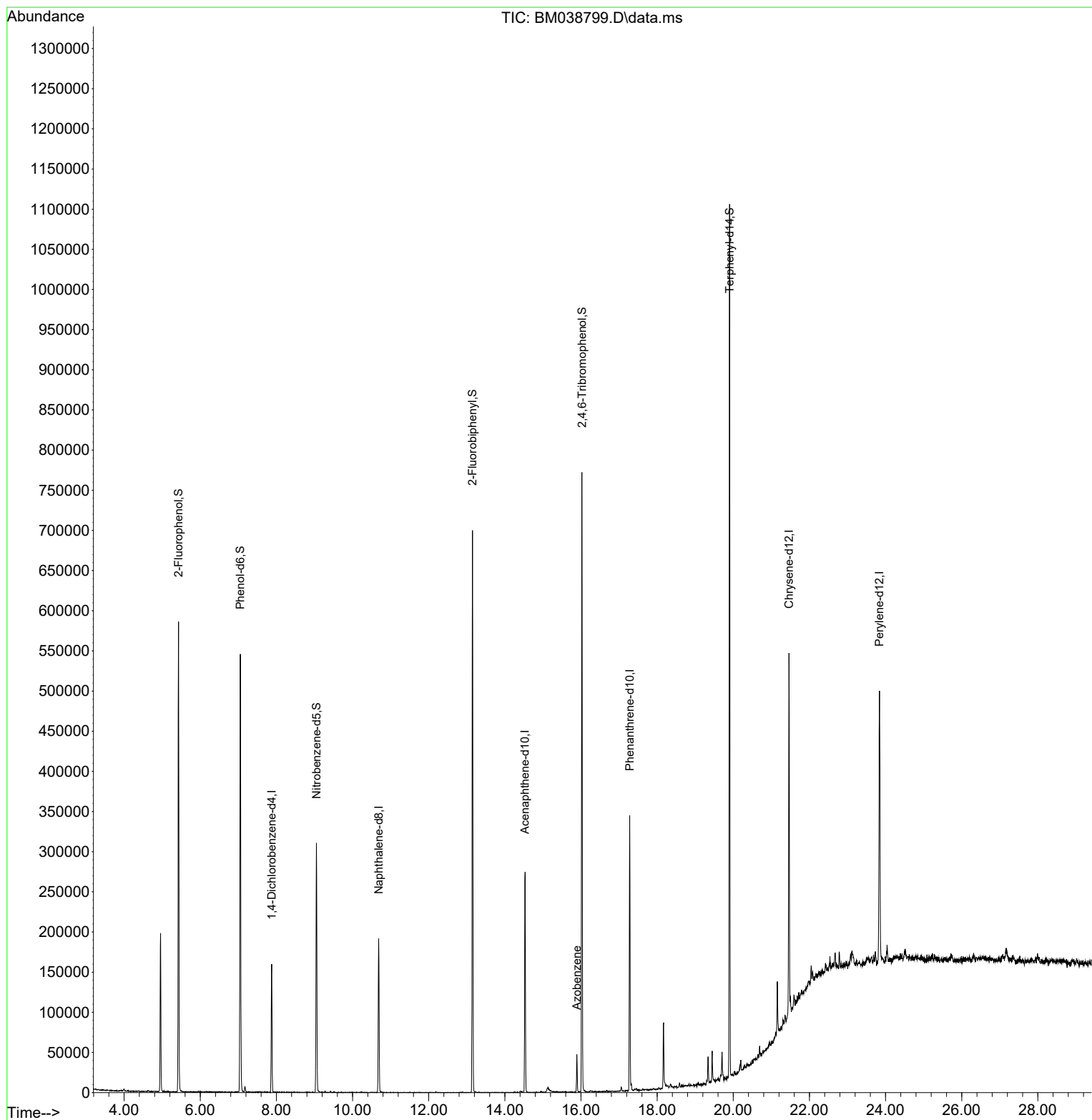
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	44321	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	158399	20.000	ng	0.00
39) Acenaphthene-d10	14.527	164	92824	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	185396	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	177700	20.000	ng	0.00
86) Perylene-d12	23.838	264	225377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	255762	113.042	ng	0.00
7) Phenol-d6	7.051	99	305627	118.438	ng	0.00
23) Nitrobenzene-d5	9.051	82	165597	59.382	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	134070	106.263	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	336901	46.207	ng	0.00
79) Terphenyl-d14	19.903	244	422072	41.914	ng	0.00
Target Compounds						
63) Azobenzene	15.892	77	12448	2.255	ng	# 1

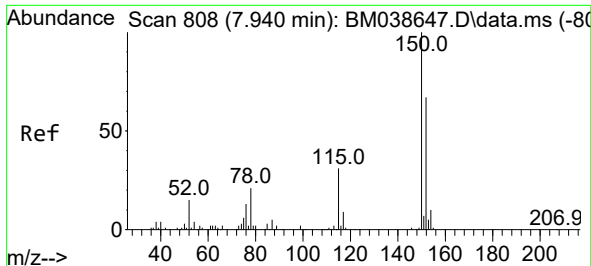
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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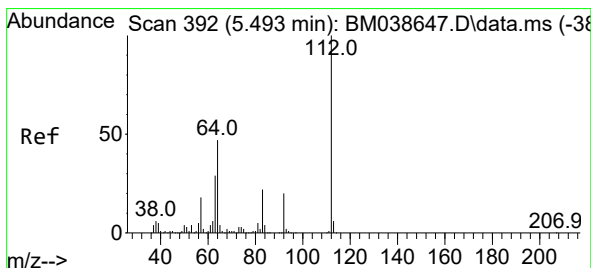
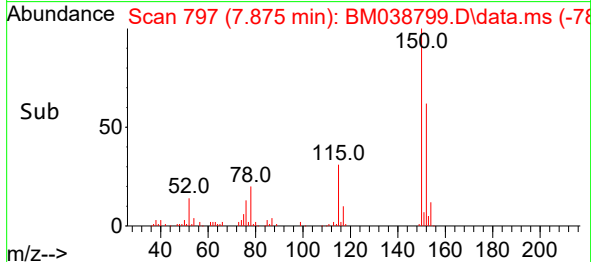
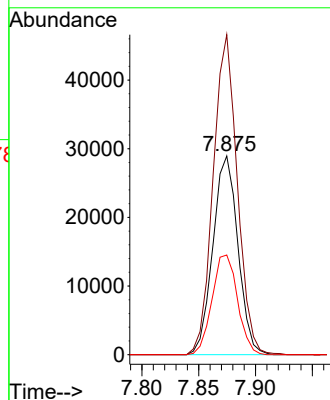
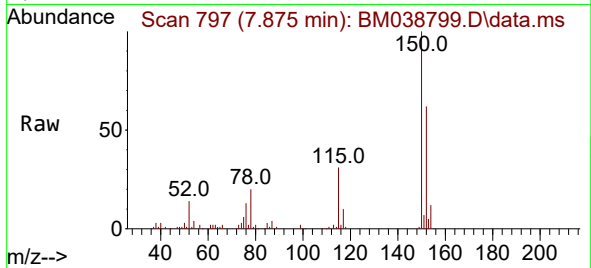




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

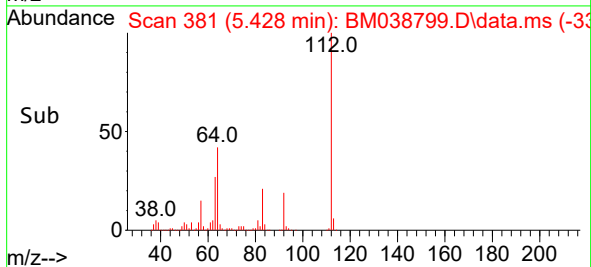
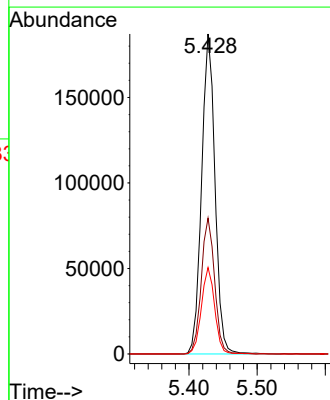
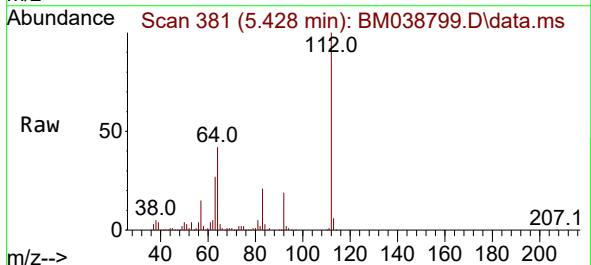
Instrument :
BNA_M
ClientSampleId :
SED-3

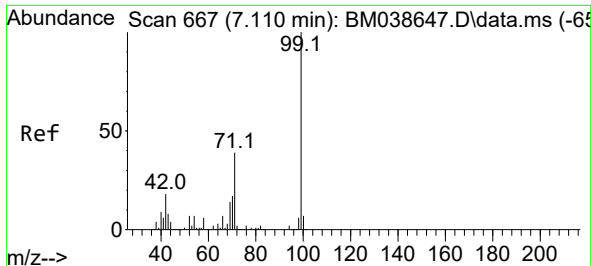
Tgt Ion:152 Resp: 44321
Ion Ratio Lower Upper
152 100
150 161.0 119.5 179.3
115 50.2 37.6 56.4



#5
2-Fluorophenol
Concen: 113.042 ng
RT: 5.428 min Scan# 381
Delta R.T. -0.006 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

Tgt Ion:112 Resp: 255762
Ion Ratio Lower Upper
112 100
64 42.4 37.9 56.9
63 27.0 23.3 34.9

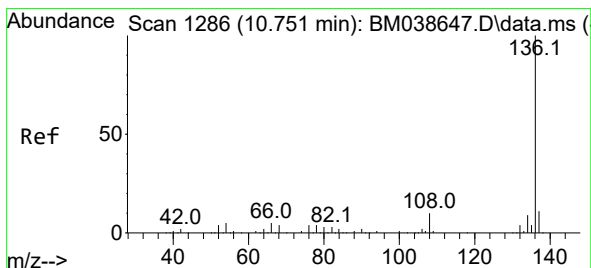
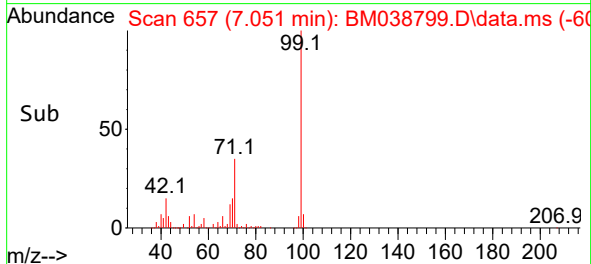
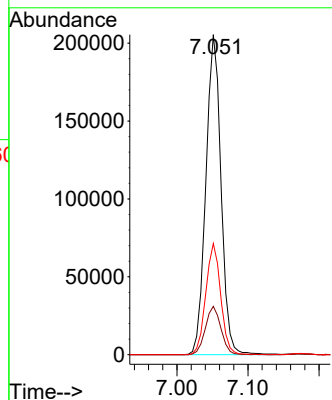
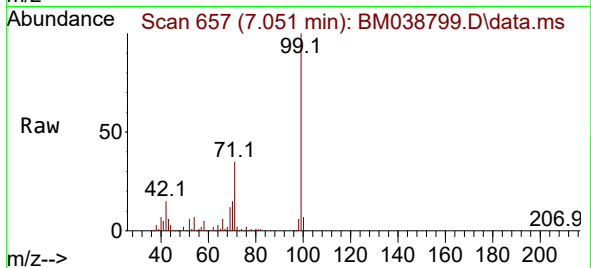




#7
Phenol-d6
Concen: 118.438 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

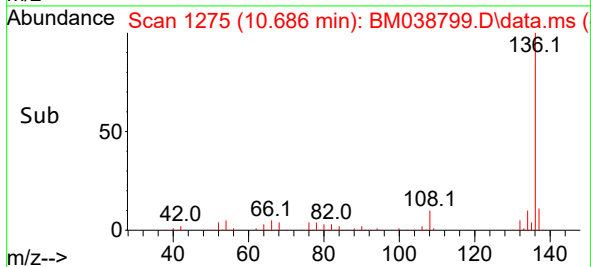
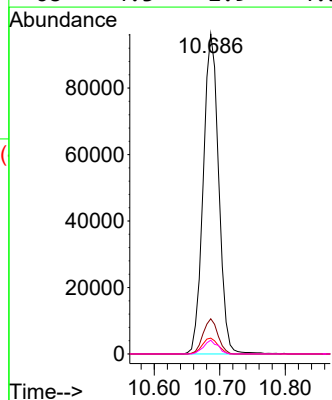
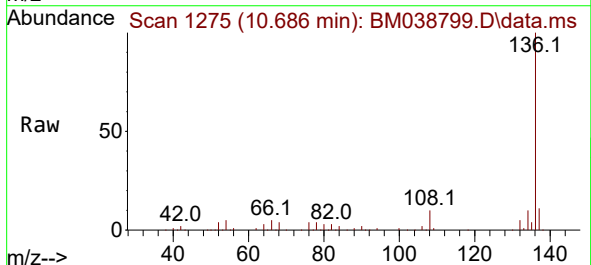
Instrument :
BNA_M
ClientSampleId :
SED-3

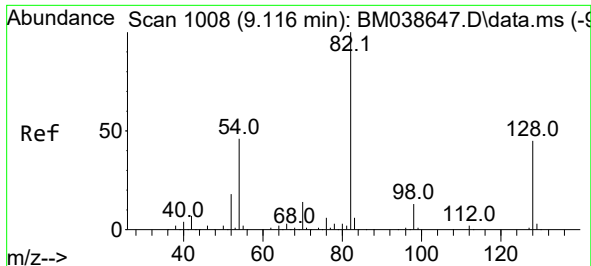
Tgt Ion: 99 Resp: 305627
Ion Ratio Lower Upper
99 100
42 15.1 14.6 22.0
71 34.7 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

Tgt Ion:136 Resp: 158399
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.0 4.2 6.4
68 4.3 2.9 4.3

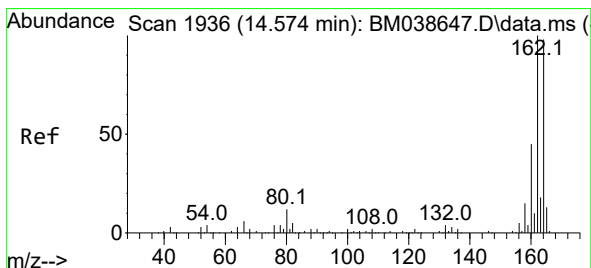
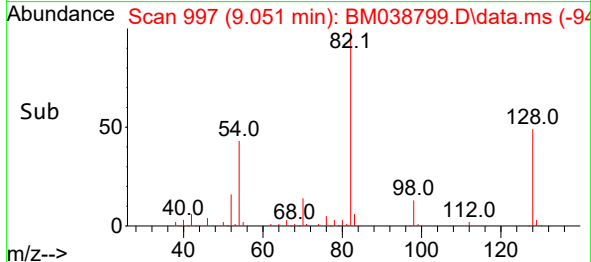
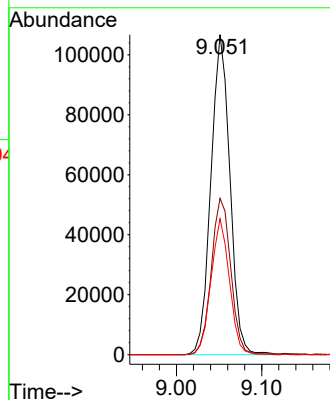
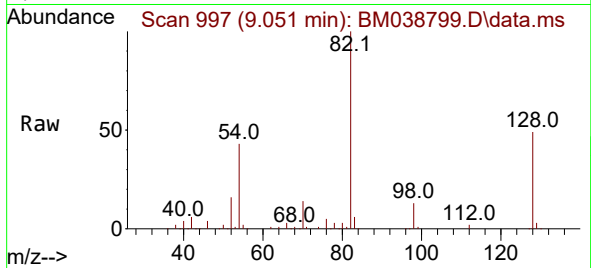




#23
Nitrobenzene-d5
Concen: 59.382 ng
RT: 9.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

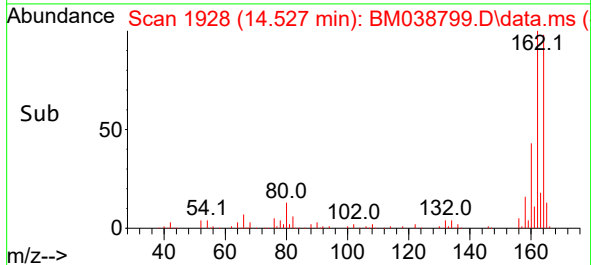
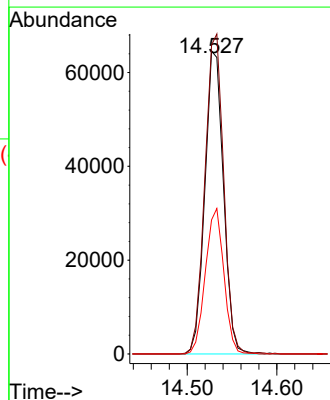
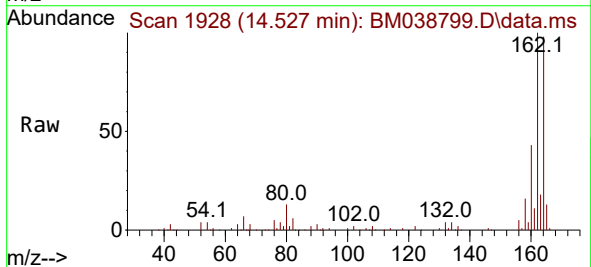
Instrument :
BNA_M
ClientSampleId :
SED-3

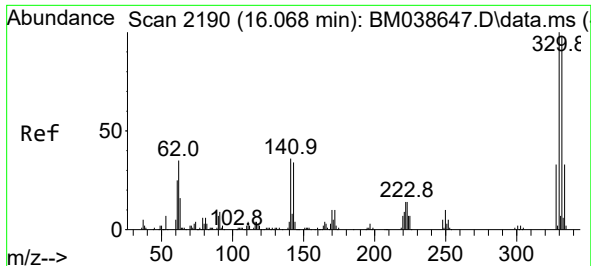
Tgt Ion: 82 Resp: 165597
Ion Ratio Lower Upper
82 100
128 48.8 36.0 54.0
54 42.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

Tgt Ion: 164 Resp: 92824
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.3 36.5 54.7

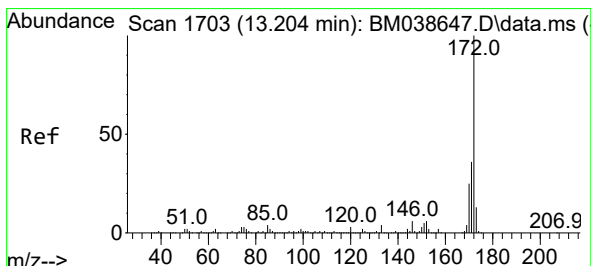
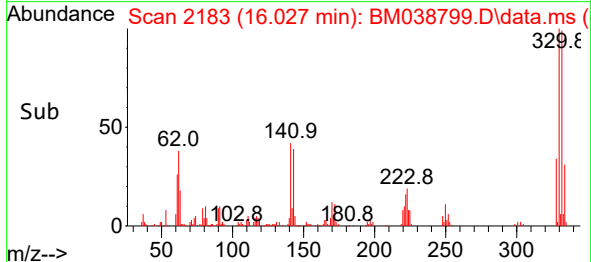
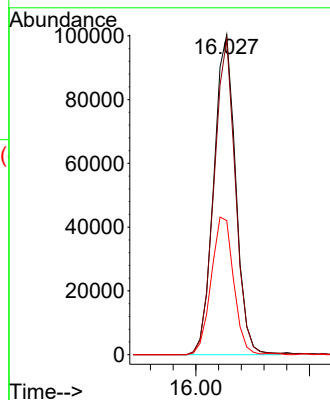
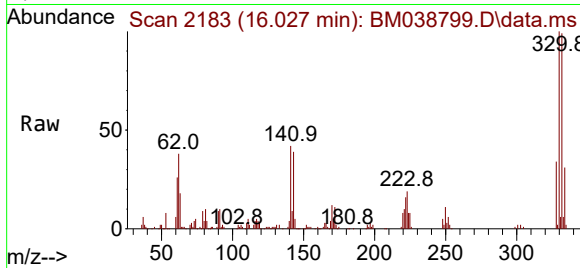




#42
2,4,6-Tribromophenol
Concen: 106.263 ng
RT: 16.027 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

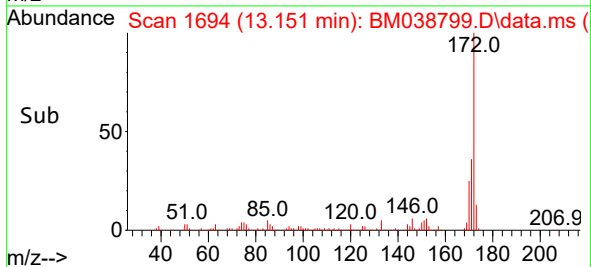
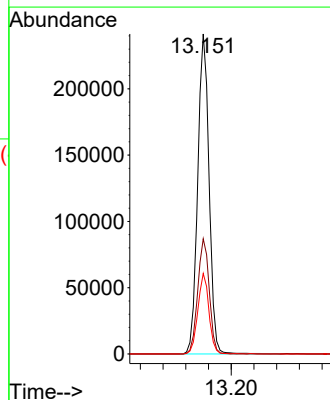
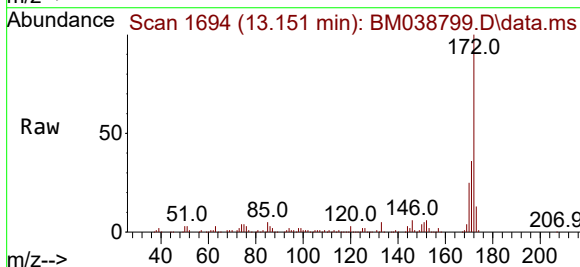
Instrument :
BNA_M
ClientSampleId :
SED-3

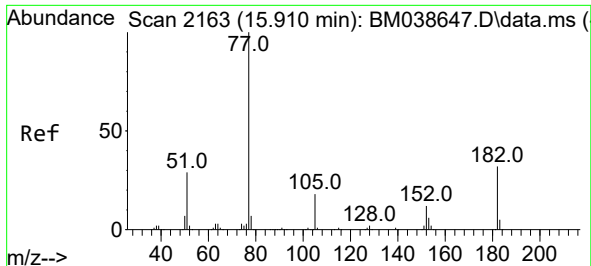
Tgt Ion:330 Resp: 134070
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 44.3 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 46.207 ng
RT: 13.151 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

Tgt Ion:172 Resp: 336901
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 25.2 20.0 30.0

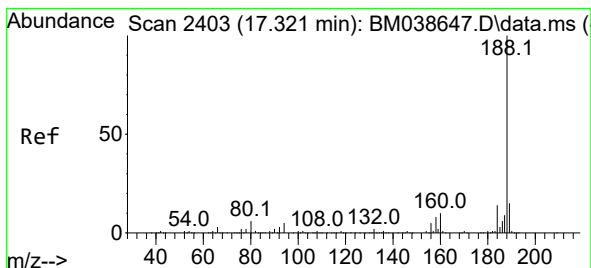
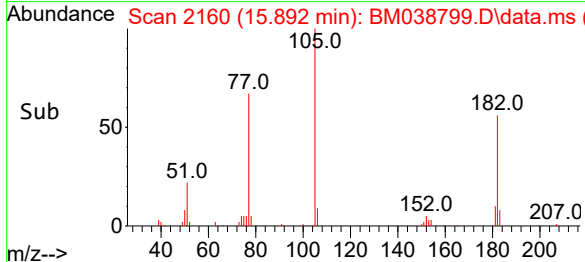
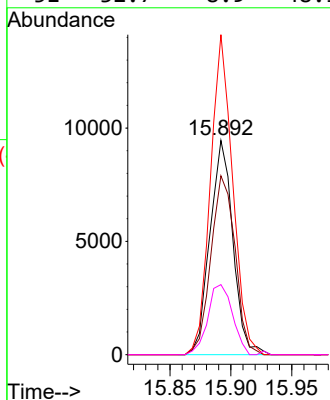
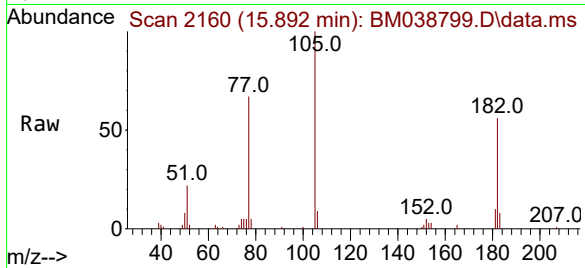




#63
Azobenzene
Concen: 2.255 ng
RT: 15.892 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

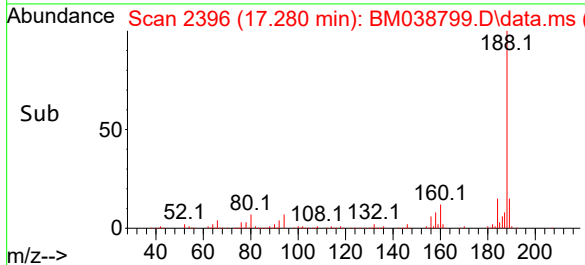
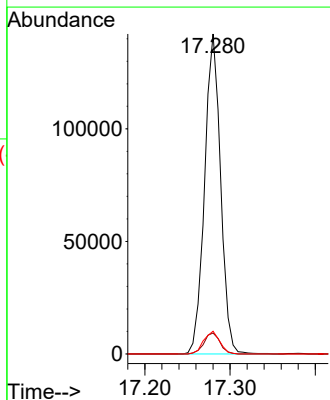
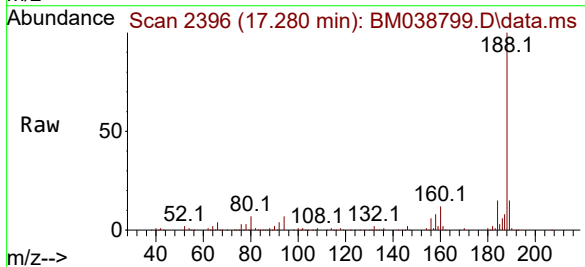
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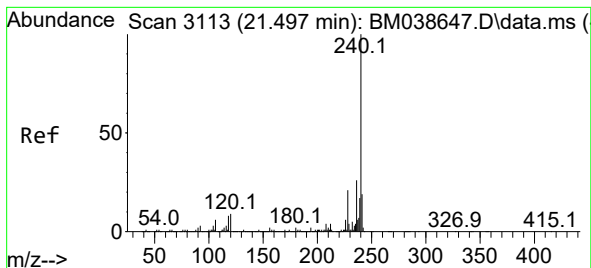
Tgt Ion: 77	Resp: 12448
Ion Ratio	Lower Upper
77 100	
182 83.5	12.0 52.0#
105 149.3	0.0 37.5#
51 32.7	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM038799.D
Acq: 20 Feb 2023 22:41

Tgt Ion: 188	Resp: 185396
Ion Ratio	Lower Upper
188 100	
94 6.6	4.2 6.4#
80 7.1	4.6 7.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM038799.D

Acq: 20 Feb 2023 22:41

Instrument :

BNA_M

ClientSampleId :

SED-3

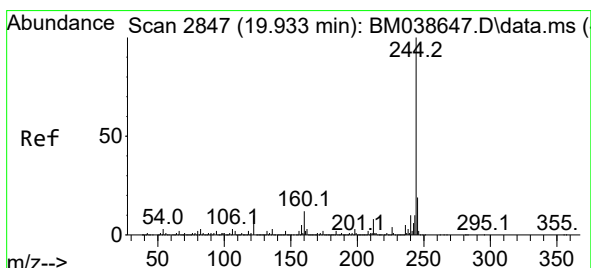
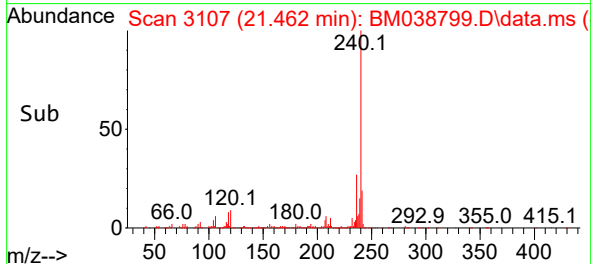
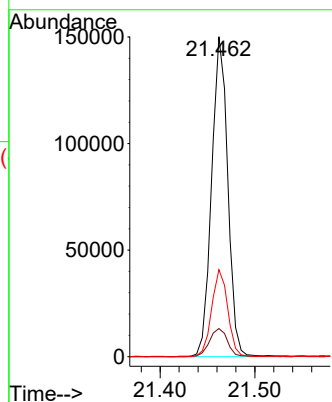
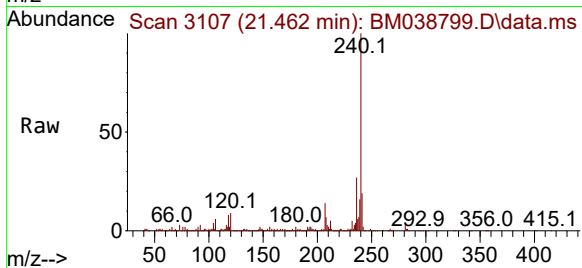
Tgt Ion:240 Resp: 177700

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.4

236 27.2 20.9 31.3



#79

Terphenyl-d14

Concen: 41.914 ng

RT: 19.903 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM038799.D

Acq: 20 Feb 2023 22:41

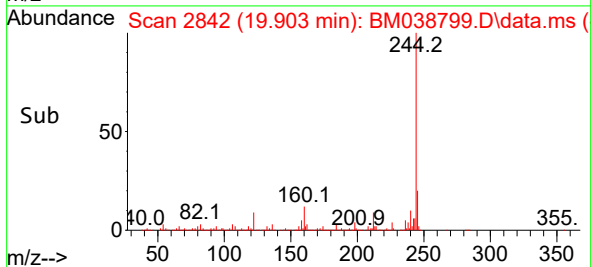
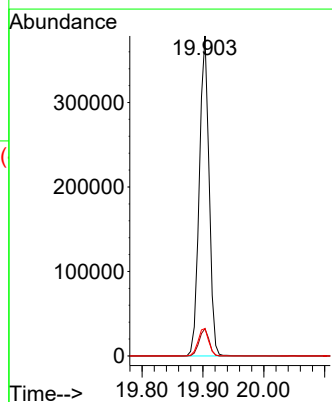
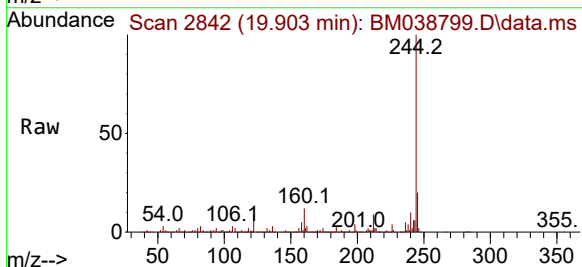
Tgt Ion:244 Resp: 422072

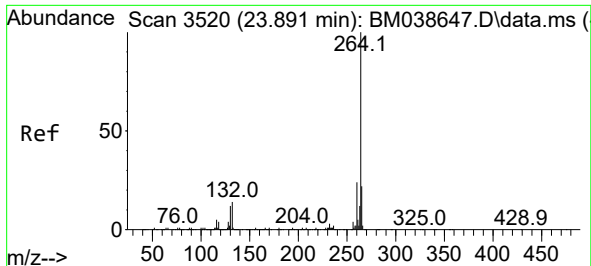
Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

122 8.5 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.838 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM038799.D
 Acq: 20 Feb 2023 22:41

Instrument :
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Tgt Ion:264 Resp: 225377
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.6 29.4
 265 23.4 17.9 26.9

