

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038798.D
 Acq On : 20 Feb 2023 22:04
 Operator : CG/JU
 Sample : 01593-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SED-2

Quant Time: Feb 21 02:10:56 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	45117	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	164550	20.000	ng	0.00
39) Acenaphthene-d10	14.527	164	96459	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	187695	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	182284	20.000	ng	0.00
86) Perylene-d12	23.839	264	236226	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	270661	117.517	ng	0.00
7) Phenol-d6	7.051	99	320952	122.183	ng	0.00
23) Nitrobenzene-d5	9.051	82	189255	65.328	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	136482	104.098	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	362474	47.841	ng	0.00
79) Terphenyl-d14	19.904	244	371793	35.993	ng	0.00

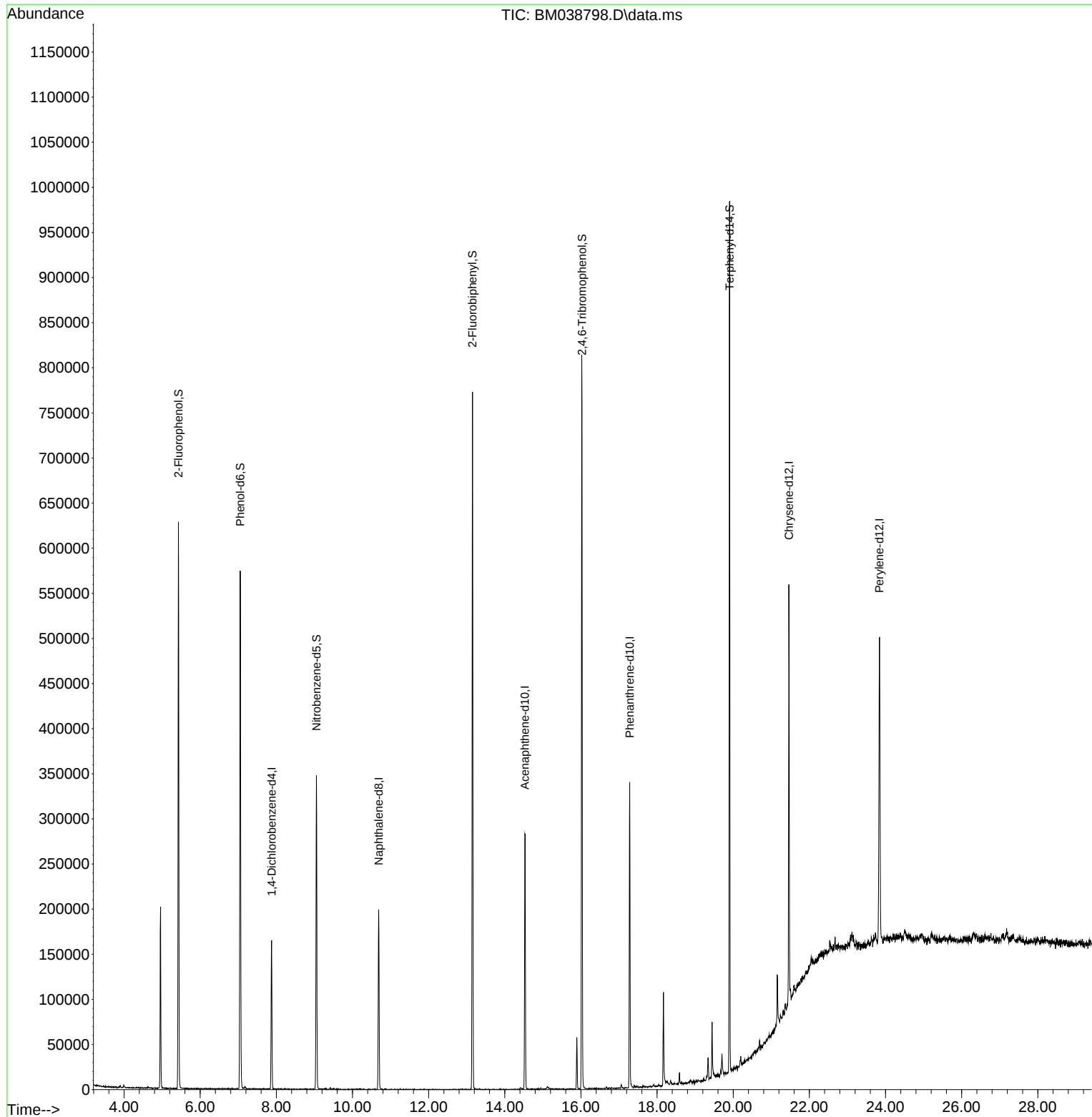
Target Compounds Qvalue

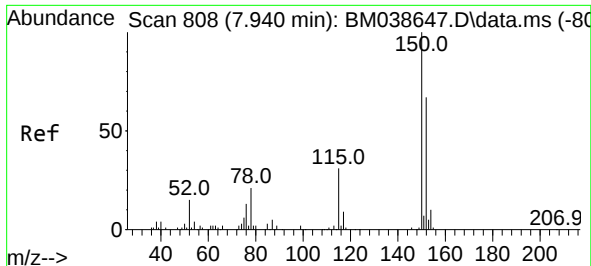
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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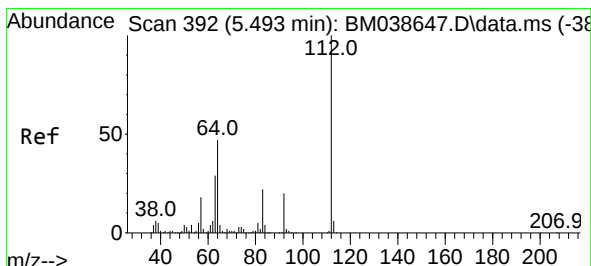
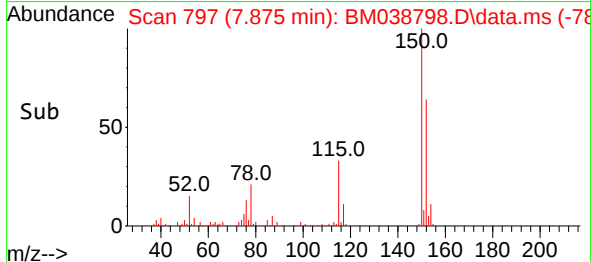
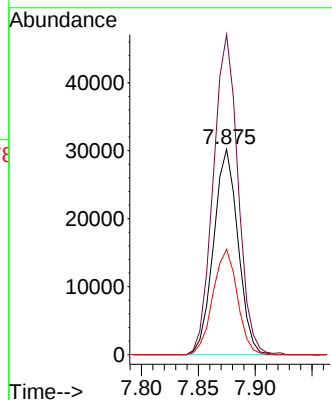
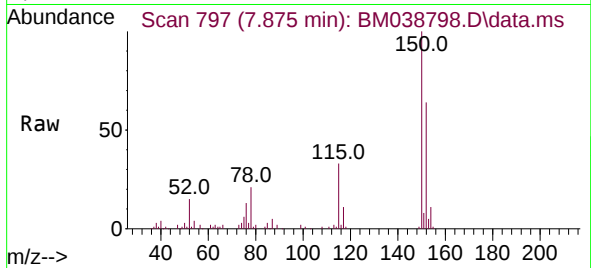




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM038798.D
Acq: 20 Feb 2023 22:04

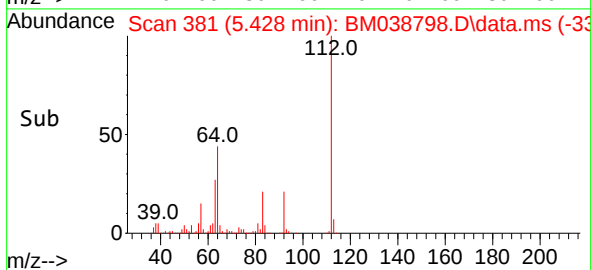
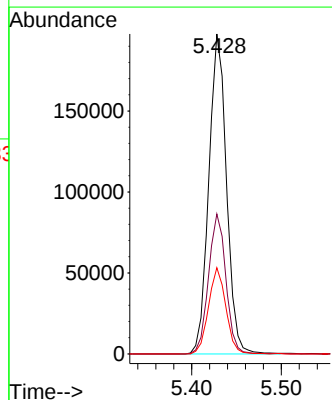
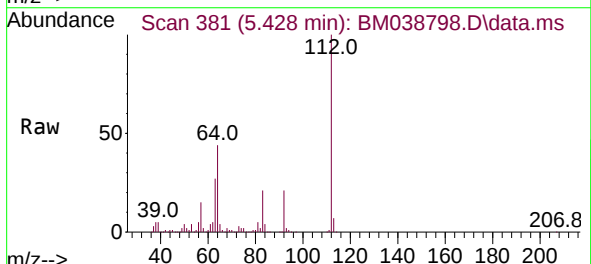
Instrument :
BNA_M
ClientSampleId :
SED-2

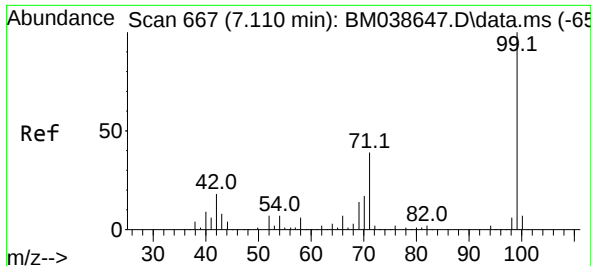
Tgt Ion:152 Resp: 45117
Ion Ratio Lower Upper
152 100
150 155.8 119.5 179.3
115 51.2 37.6 56.4



#5
2-Fluorophenol
Concen: 117.517 ng
RT: 5.428 min Scan# 381
Delta R.T. -0.006 min
Lab File: BM038798.D
Acq: 20 Feb 2023 22:04

Tgt Ion:112 Resp: 270661
Ion Ratio Lower Upper
112 100
64 43.7 37.9 56.9
63 26.9 23.3 34.9

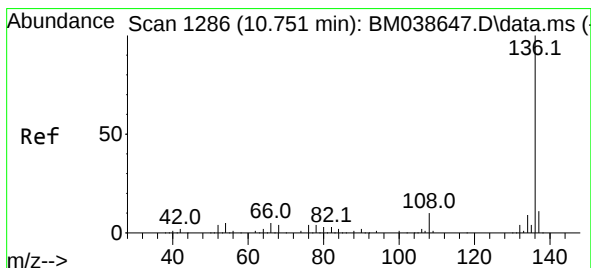
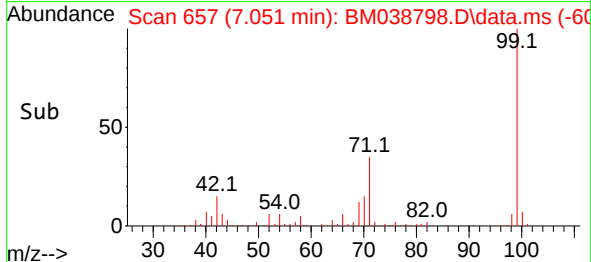
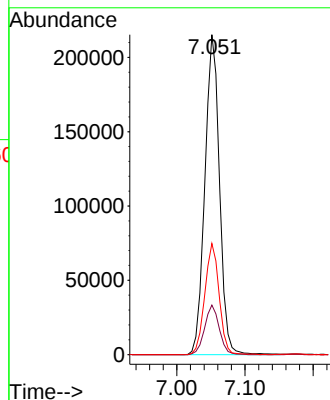
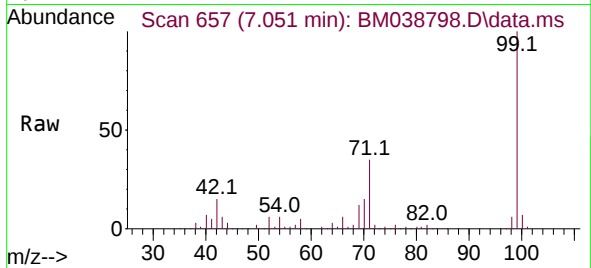




#7
Phenol-d6
Concen: 122.183 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038798.D
Acq: 20 Feb 2023 22:04

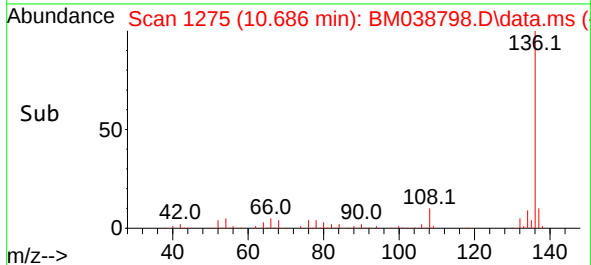
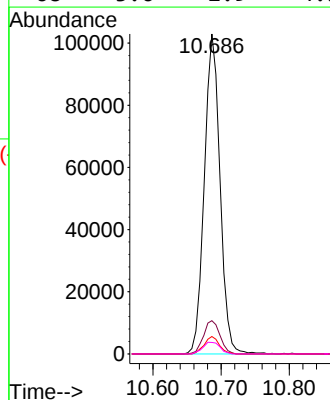
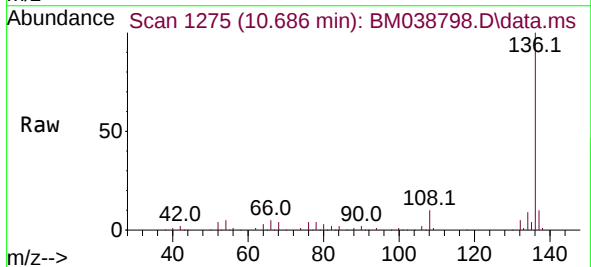
Instrument :
BNA_M
ClientSampleId :
SED-2

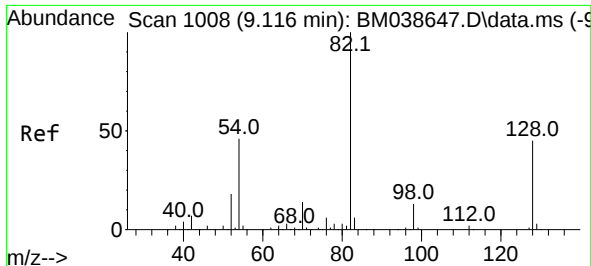
Tgt Ion: 99 Resp: 320952
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 34.7 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM038798.D
Acq: 20 Feb 2023 22:04

Tgt Ion: 136 Resp: 164550
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 5.4 4.2 6.4
68 3.6 2.9 4.3





#23

Nitrobenzene-d5

Concen: 65.328 ng

RT: 9.051 min Scan# 99

Delta R.T. -0.006 min

Lab File: BM038798.D

Acq: 20 Feb 2023 22:04

Instrument :

BNA_M

ClientSampleId :

SED-2

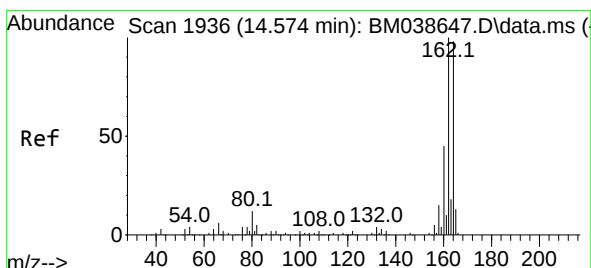
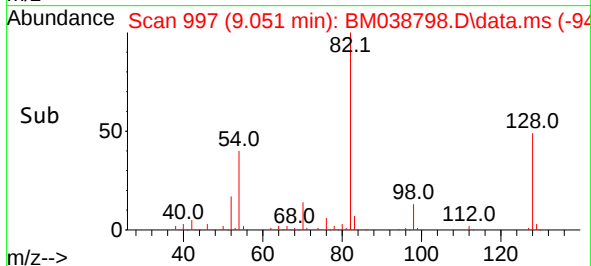
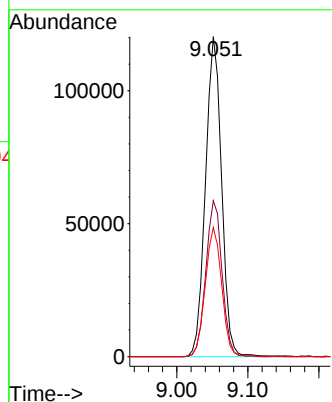
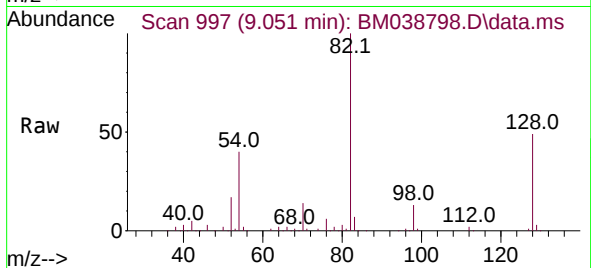
Tgt Ion: 82 Resp: 189255

Ion Ratio Lower Upper

82 100

128 48.7 36.0 54.0

54 40.3 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: BM038798.D

Acq: 20 Feb 2023 22:04

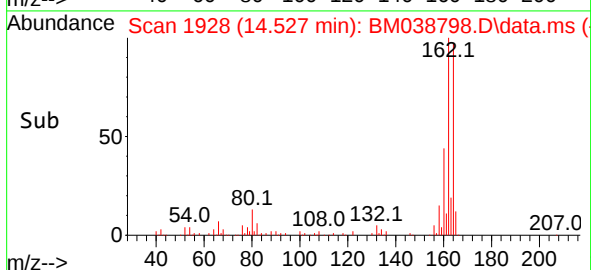
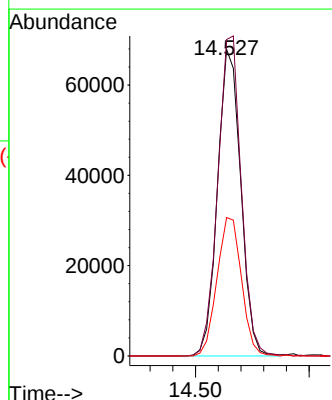
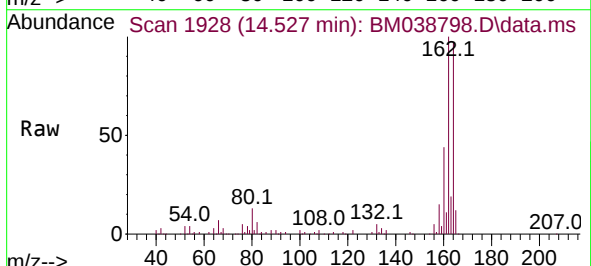
Tgt Ion:164 Resp: 96459

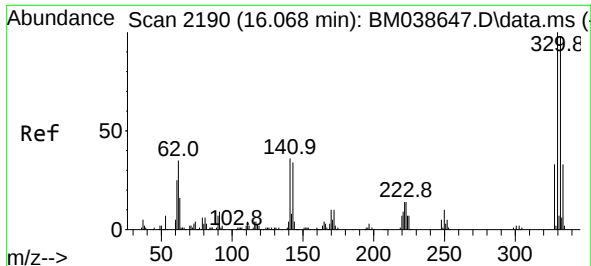
Ion Ratio Lower Upper

164 100

162 103.2 81.4 122.0

160 45.1 36.5 54.7

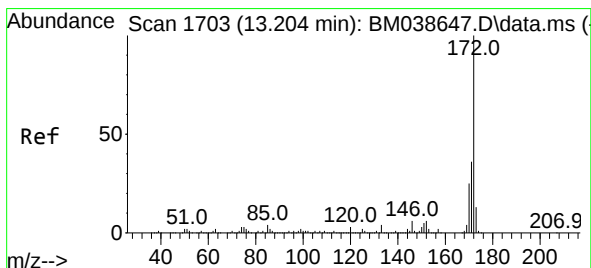
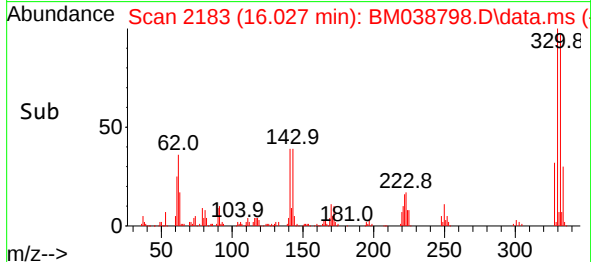
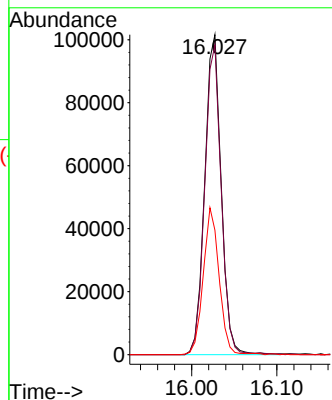
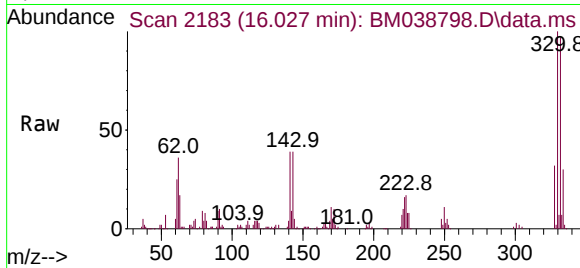




#42
2,4,6-Tribromophenol
Concen: 104.098 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038798.D
Acq: 20 Feb 2023 22:04

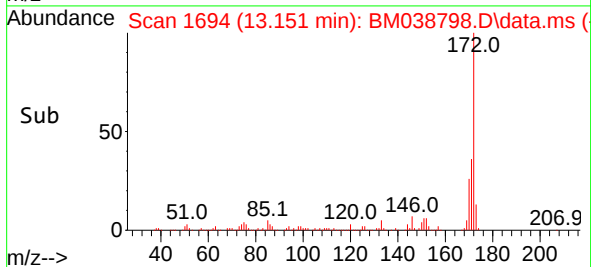
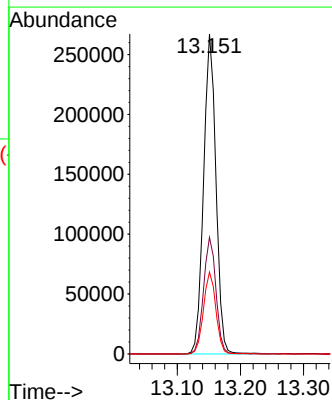
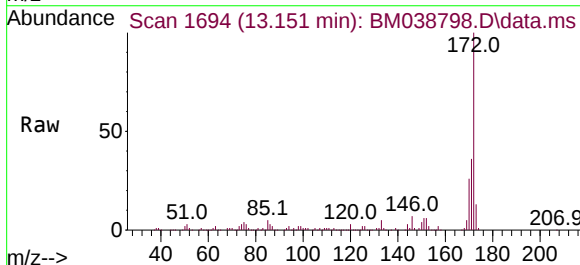
Instrument :
BNA_M
ClientSampleId :
SED-2

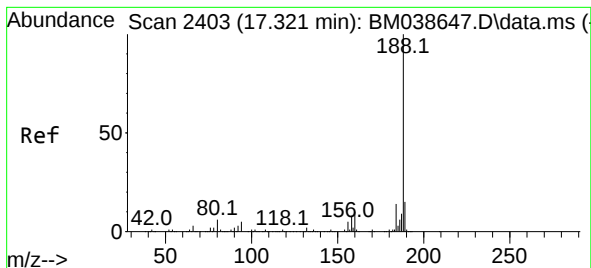
Tgt Ion:330 Resp: 136482
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 44.2 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 47.841 ng
RT: 13.151 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM038798.D
Acq: 20 Feb 2023 22:04

Tgt Ion:172 Resp: 362474
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 25.6 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038798.D

Acq: 20 Feb 2023 22:04

Instrument :

BNA_M

ClientSampleId :

SED-2

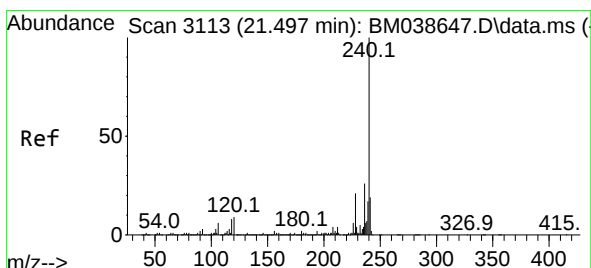
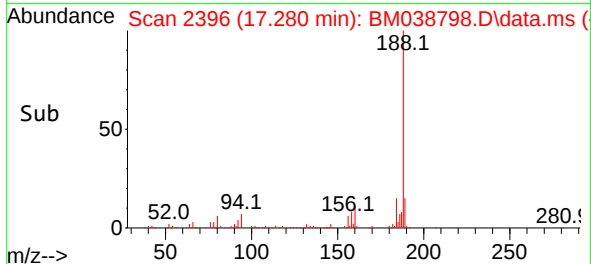
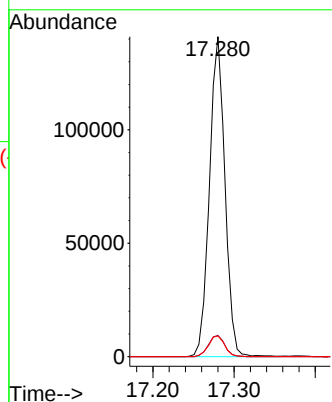
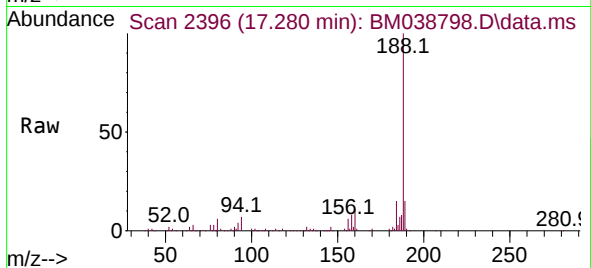
Tgt Ion:188 Resp: 187695

Ion Ratio Lower Upper

188 100

94 6.6 4.2 6.4#

80 6.4 4.6 7.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BM038798.D

Acq: 20 Feb 2023 22:04

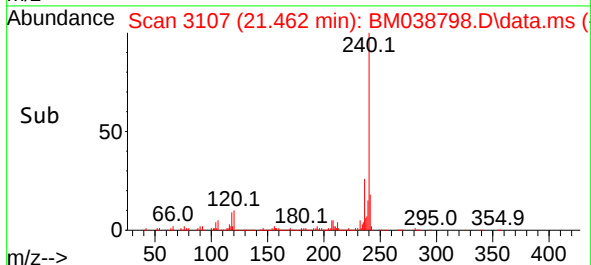
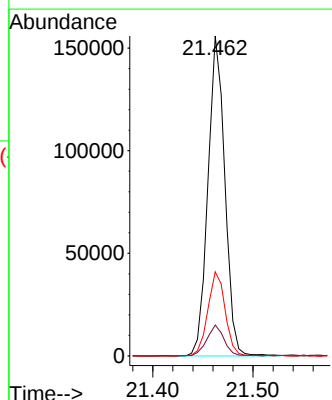
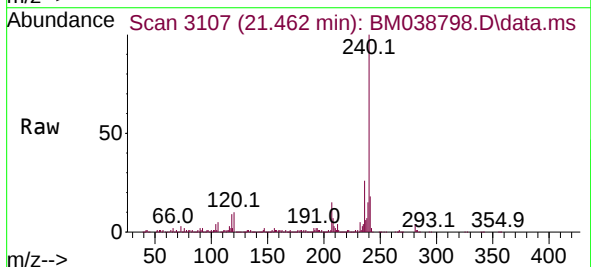
Tgt Ion:240 Resp: 182284

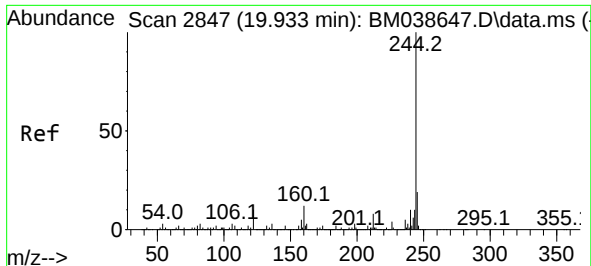
Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.4

236 26.3 20.9 31.3

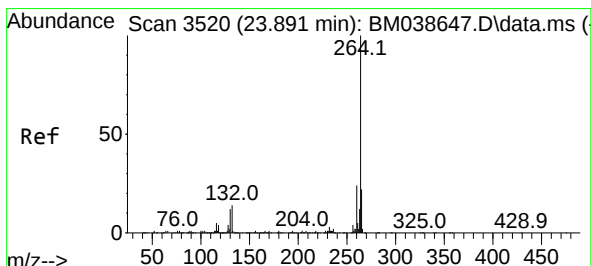
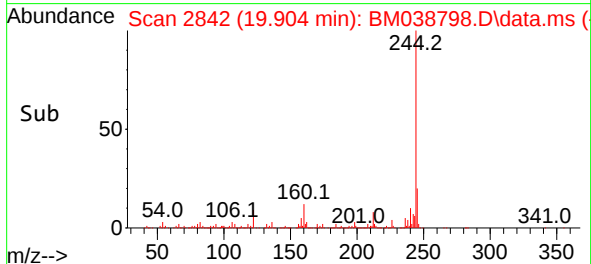
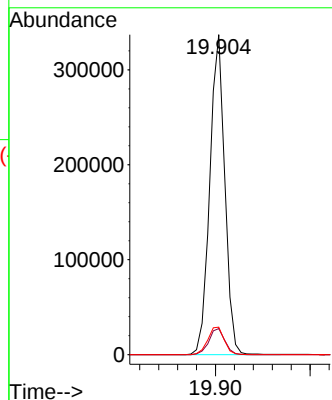
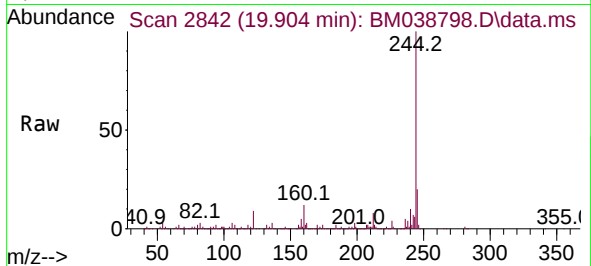




#79
 Terphenyl-d14
 Concen: 35.993 ng
 RT: 19.904 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BM038798.D
 Acq: 20 Feb 2023 22:04

Instrument :
 BNA_M
 ClientSampleId :
 SED-2

Tgt Ion:244 Resp: 371793
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 8.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.839 min Scan# 3511
 Delta R.T. -0.012 min
 Lab File: BM038798.D
 Acq: 20 Feb 2023 22:04

Tgt Ion:264 Resp: 236226
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 21.6 17.9 26.9

