

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038796.D
 Acq On : 20 Feb 2023 20:49
 Operator : CG/JU
 Sample : 01611-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26-SB02

Quant Time: Feb 21 02:10:30 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)

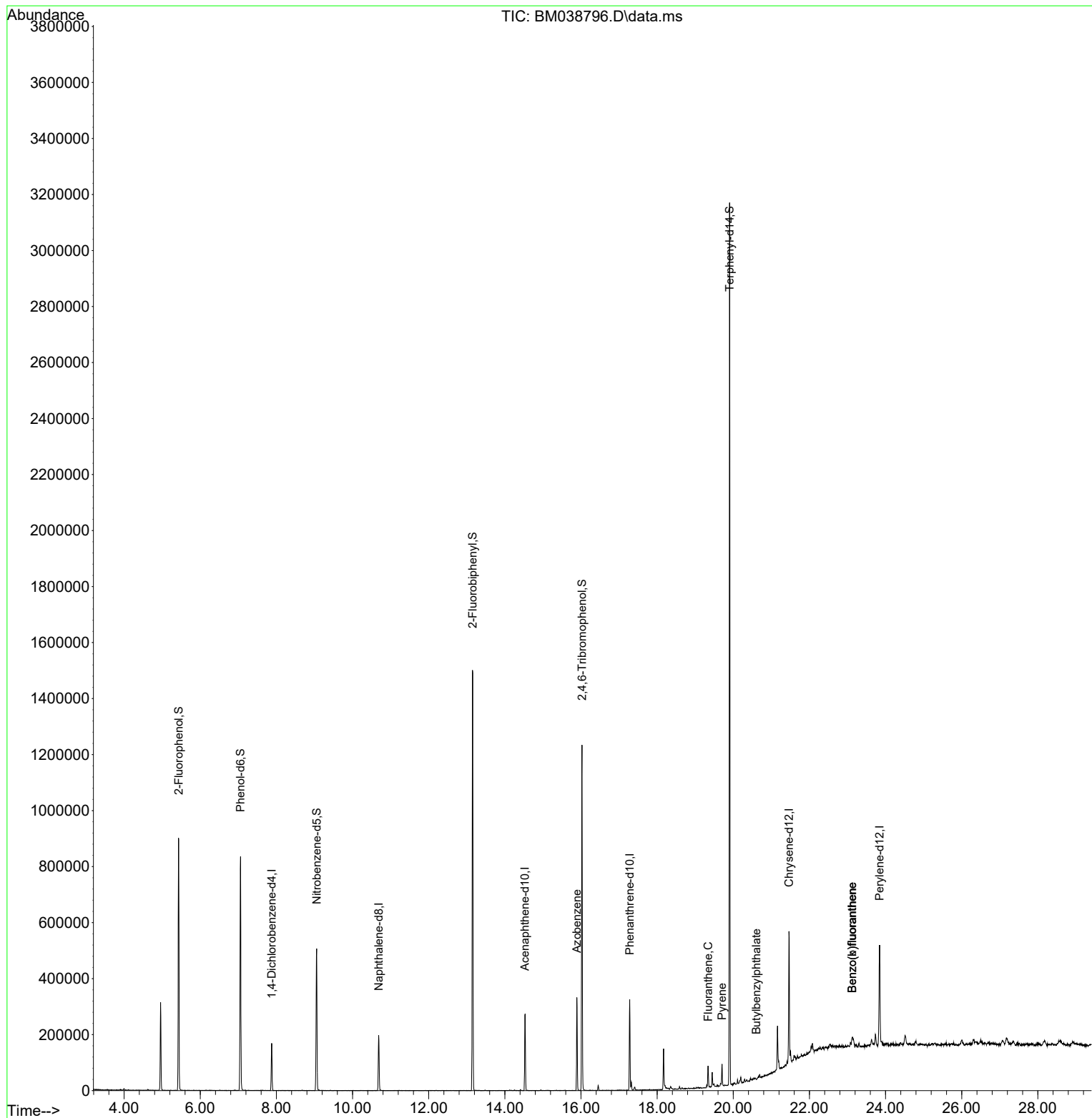
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	47519	20.000	ng	0.00
21) Naphthalene-d8	10.686	136	162661	20.000	ng	0.00
39) Acenaphthene-d10	14.527	164	93317	20.000	ng	-0.01
64) Phenanthrene-d10	17.280	188	178635	20.000	ng	# 0.00
76) Chrysene-d12	21.462	240	183729	20.000	ng	0.00
86) Perylene-d12	23.844	264	240919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	409175	168.677	ng	0.00
7) Phenol-d6	7.057	99	471453	170.404	ng	0.00
23) Nitrobenzene-d5	9.057	82	277132	96.773	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	204335	161.099	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	740901	101.079	ng	0.00
79) Terphenyl-d14	19.903	244	1192232	114.511	ng	0.00
Target Compounds						
						Qvalue
63) Azobenzene	15.892	77	86863	15.650	ng	# 1
75) Fluoranthene	19.339	202	38413	3.449	ng	98
78) Pyrene	19.703	202	40341	2.852	ng	99
80) Butylbenzylphthalate	20.603	149	721	2.043	ng	# 31
88) Benzo(b)fluoranthene	23.121	252	40169	2.784	ng	# 94
89) Benzo(k)fluoranthene	23.121	252	40169	2.741	ng	# 93

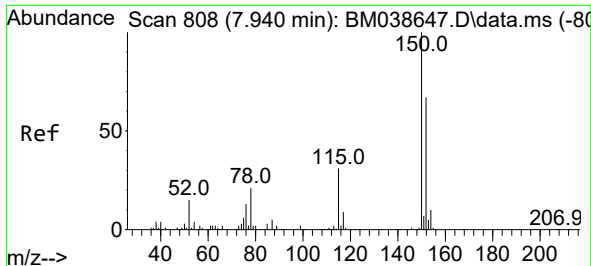
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 21 02:10:30 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

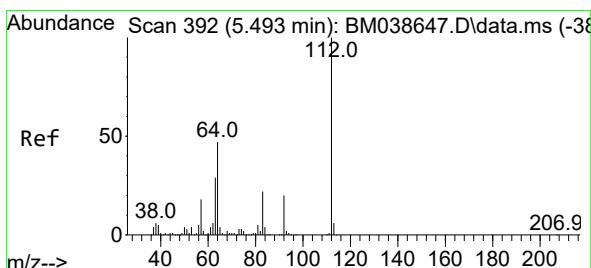
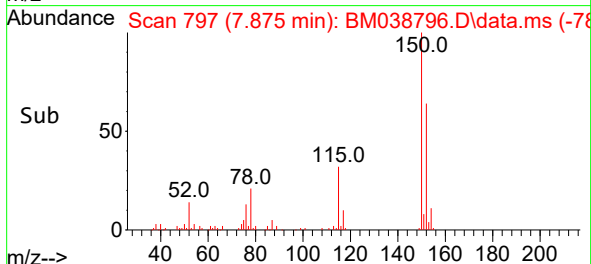
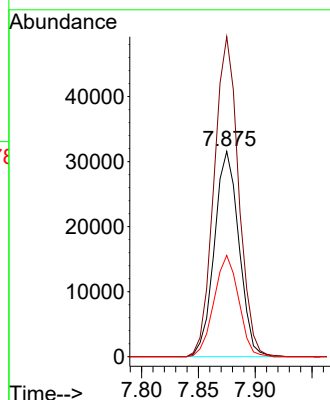
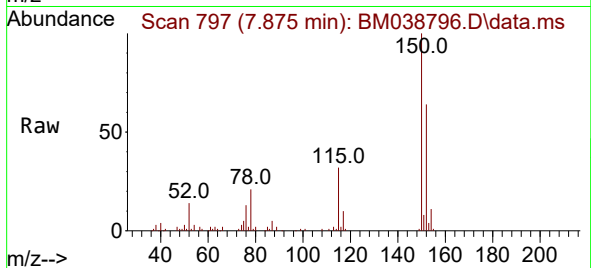




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

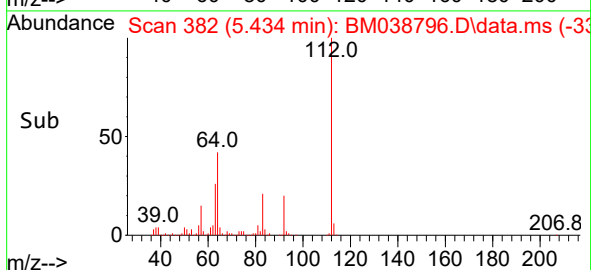
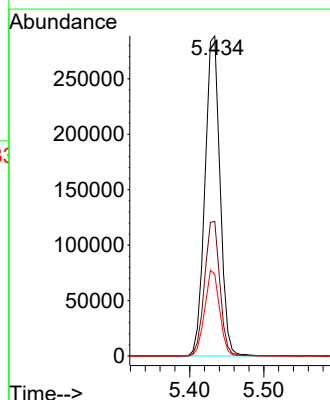
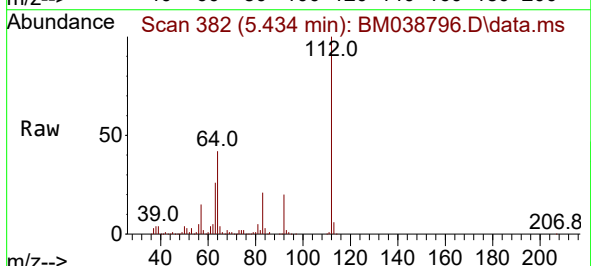
Instrument :
BNA_M
ClientSampleId :
B-26-SB02

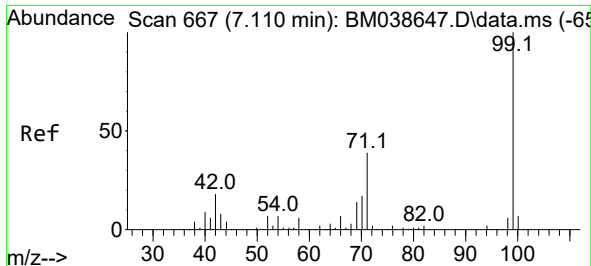
Tgt Ion:152 Resp: 47519
Ion Ratio Lower Upper
152 100
150 155.9 119.5 179.3
115 49.3 37.6 56.4



#5
2-Fluorophenol
Concen: 168.677 ng
RT: 5.434 min Scan# 382
Delta R.T. 0.000 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion:112 Resp: 409175
Ion Ratio Lower Upper
112 100
64 42.1 37.9 56.9
63 25.6 23.3 34.9

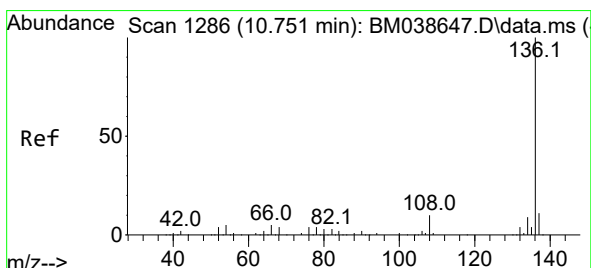
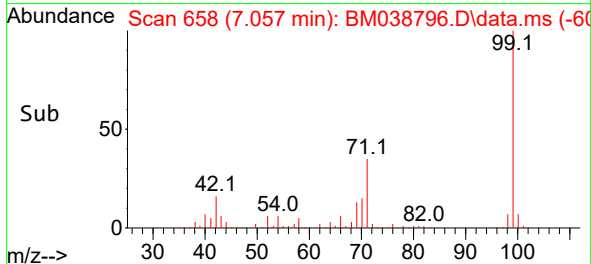
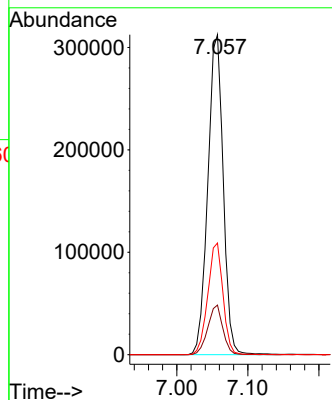
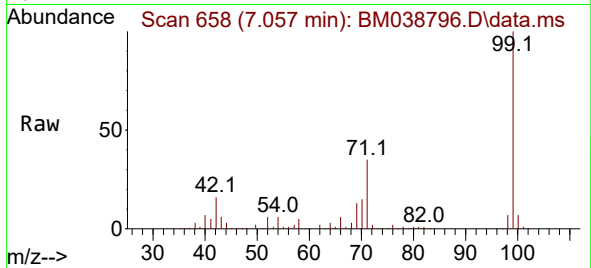




#7
Phenol-d6
Concen: 170.404 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

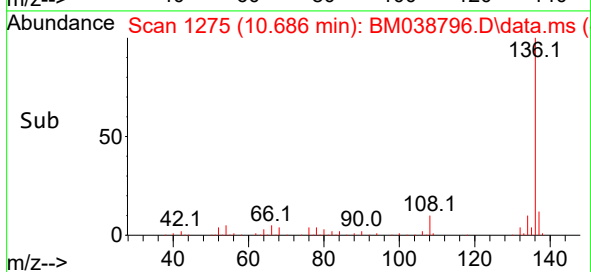
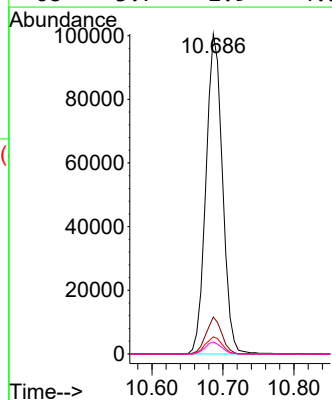
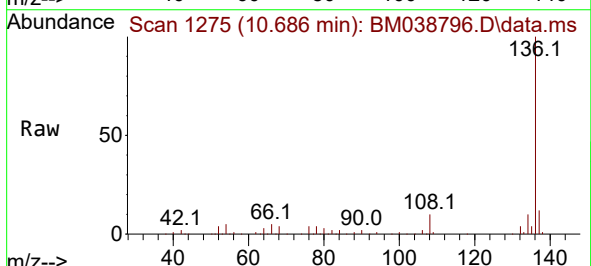
Instrument :
BNA_M
ClientSampleId :
B-26-SB02

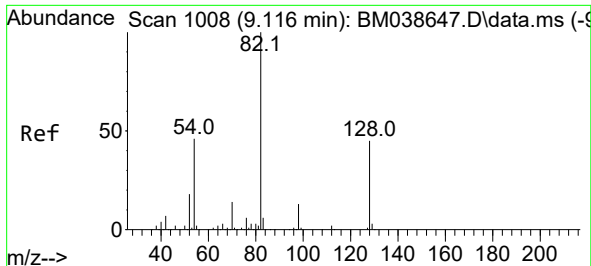
Tgt Ion: 99 Resp: 471453
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 34.9 31.0 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.686 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion:136 Resp: 162661
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 5.3 4.2 6.4
68 3.7 2.9 4.3

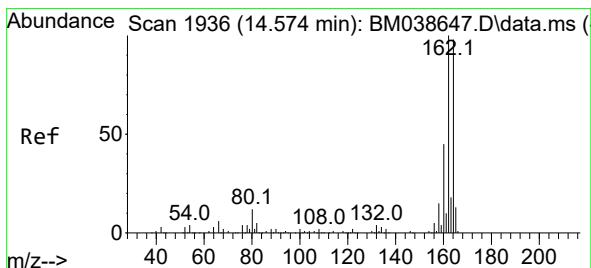
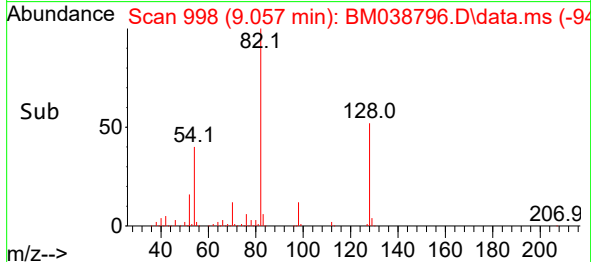
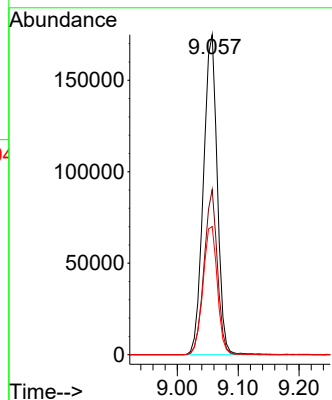
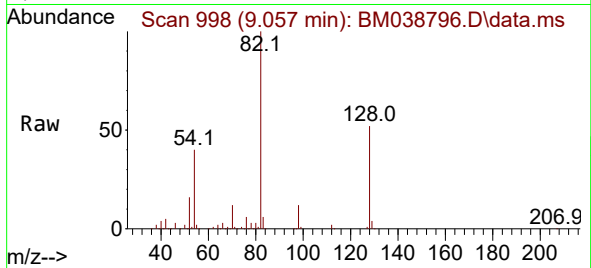




#23
Nitrobenzene-d5
Concen: 96.773 ng
RT: 9.057 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

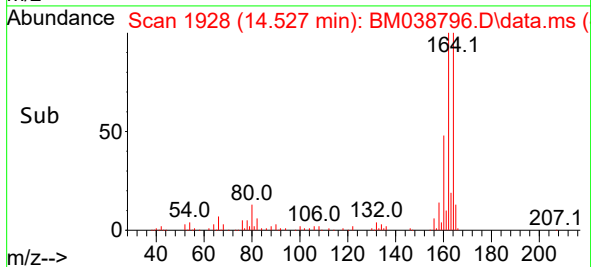
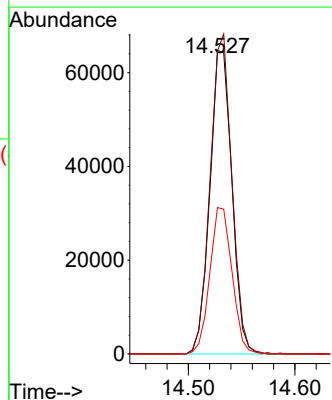
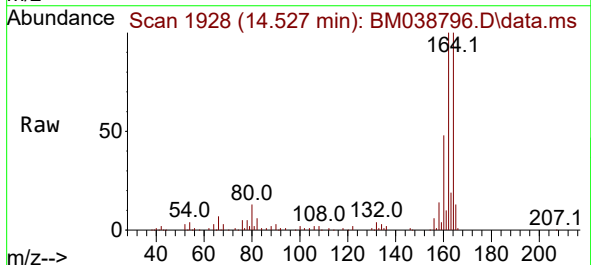
Instrument :
BNA_M
ClientSampleId :
B-26-SB02

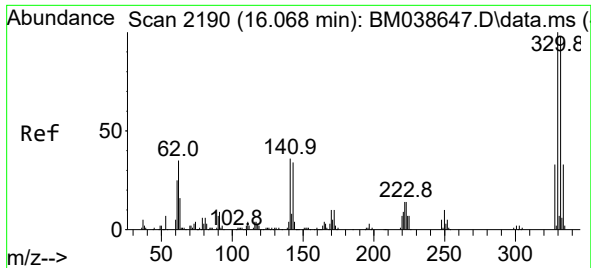
Tgt Ion: 82 Resp: 277132
Ion Ratio Lower Upper
82 100
128 51.6 36.0 54.0
54 40.0 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion: 164 Resp: 93317
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 48.2 36.5 54.7

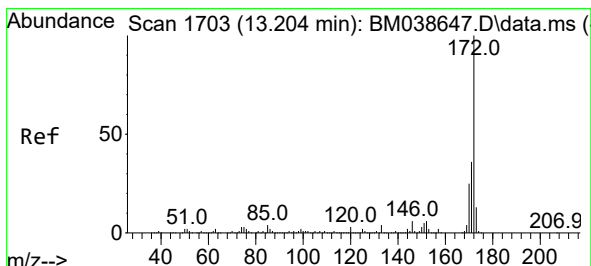
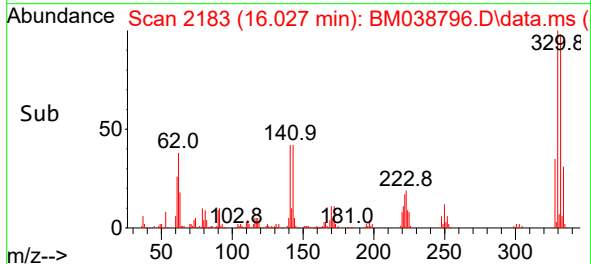
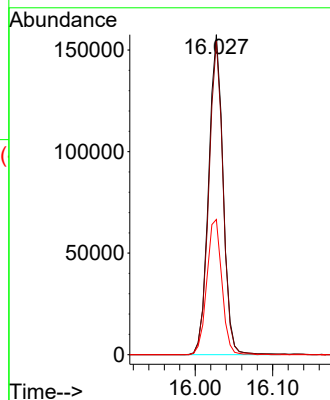
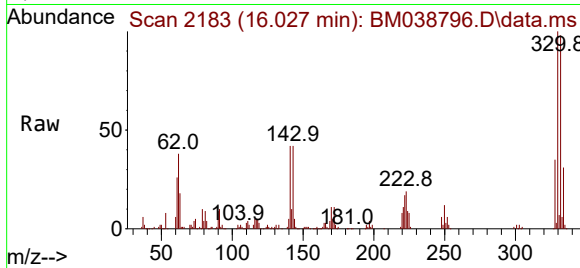




#42
2,4,6-Tribromophenol
Concen: 161.099 ng
RT: 16.027 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

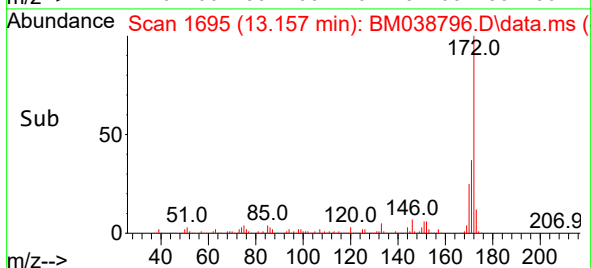
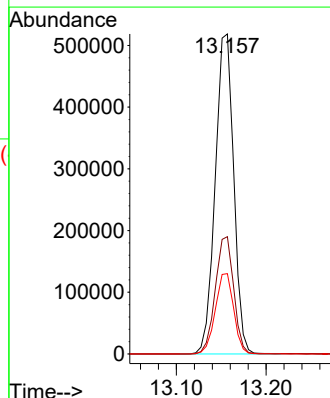
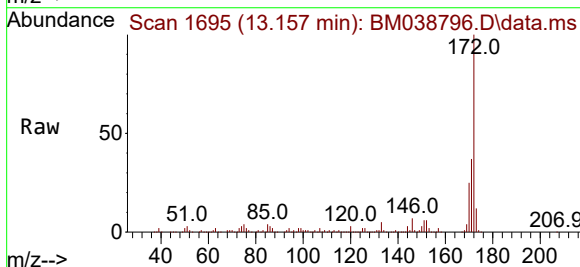
Instrument :
BNA_M
ClientSampleId :
B-26-SB02

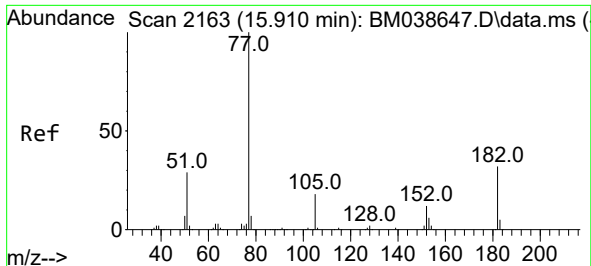
Tgt Ion:330 Resp: 204335
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 43.9 31.0 46.6



#45
2-Fluorobiphenyl
Concen: 101.079 ng
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion:172 Resp: 740901
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.1 20.0 30.0

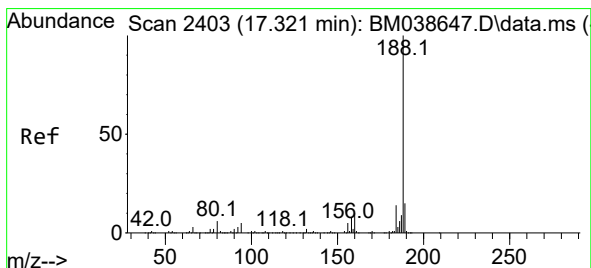
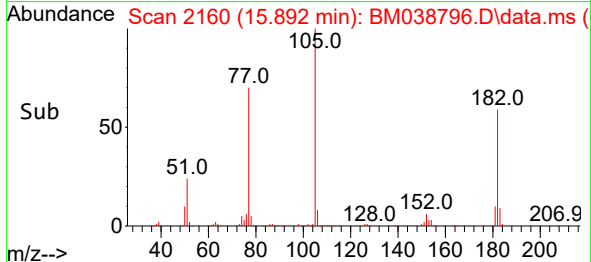
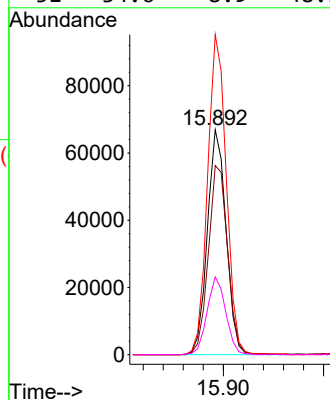
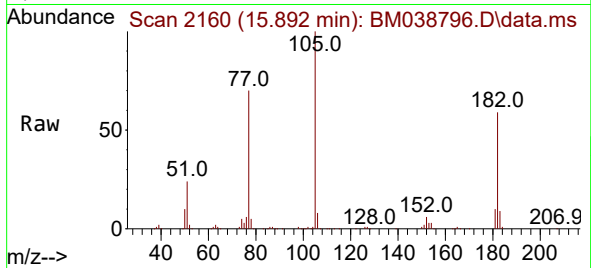




#63
Azobenzene
Concen: 15.650 ng
RT: 15.892 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

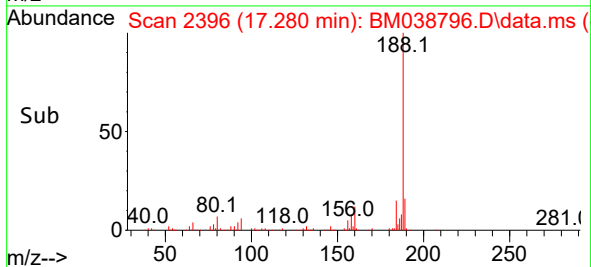
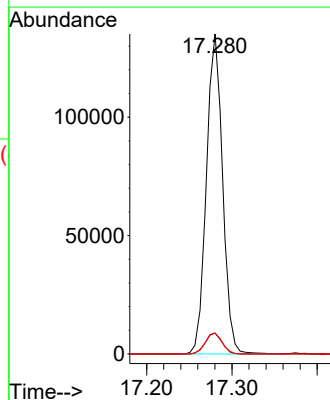
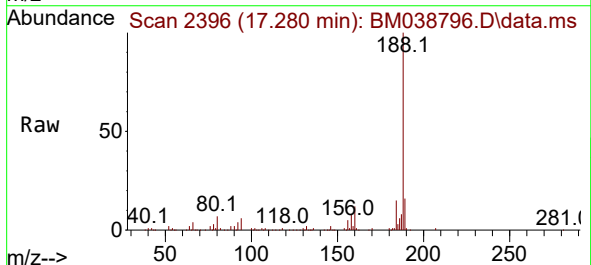
Instrument :
BNA_M
ClientSampleId :
B-26-SB02

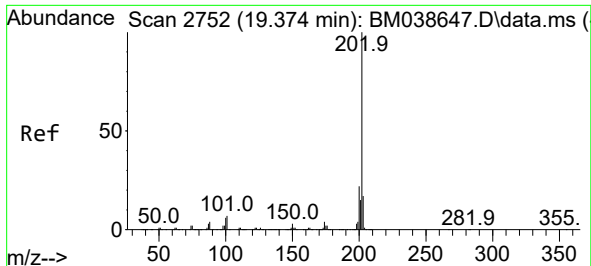
Tgt Ion: 77	Resp: 86863
Ion Ratio	Lower Upper
77 100	
182 84.1	12.0 52.0#
105 142.3	0.0 37.5#
51 34.6	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion: 188	Resp: 178635
Ion Ratio	Lower Upper
188 100	
94 6.5	4.2 6.4#
80 6.5	4.6 7.0

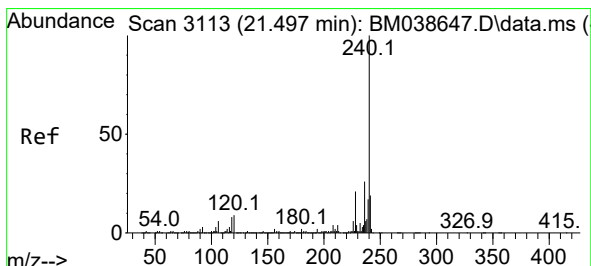
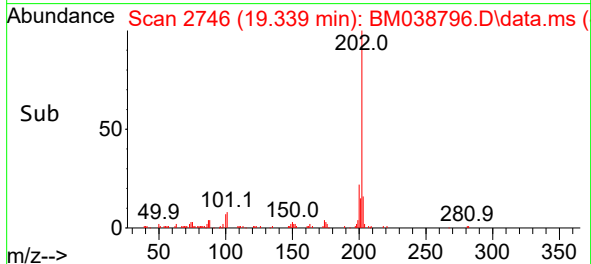
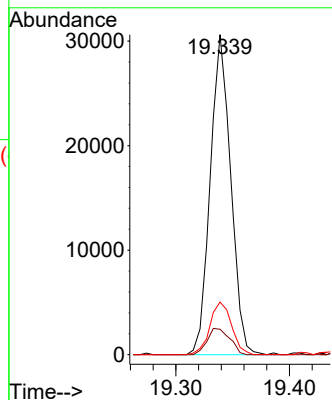
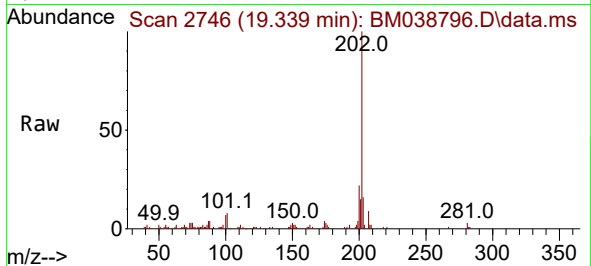




#75
Fluoranthene
Concen: 3.449 ng
RT: 19.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

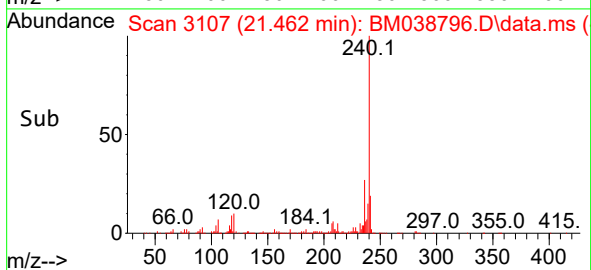
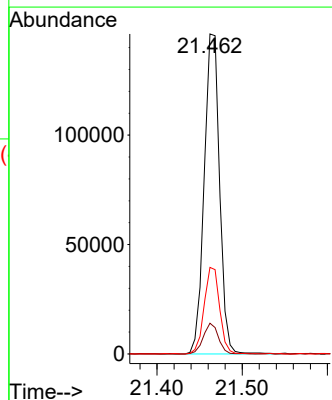
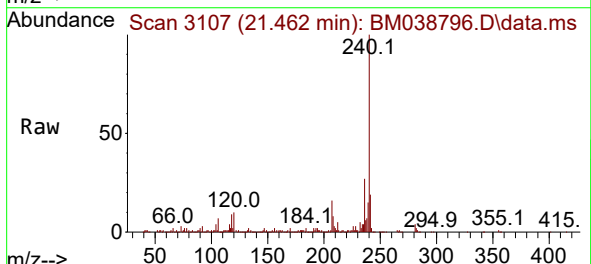
Instrument :
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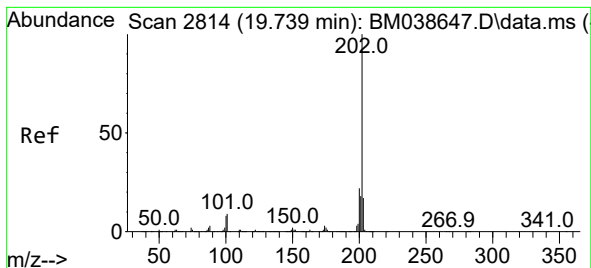
Tgt Ion:202 Resp: 38413
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.4
203 16.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion:240 Resp: 183729
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.4
236 27.0 20.9 31.3





#78

Pyrene

Concen: 2.852 ng

RT: 19.703 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038796.D

Acq: 20 Feb 2023 20:49

Instrument :

BNA_M

ClientSampleId :

B-26-SB02

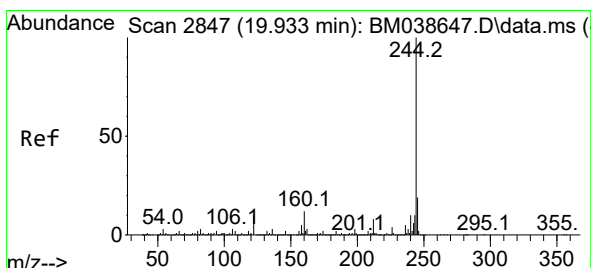
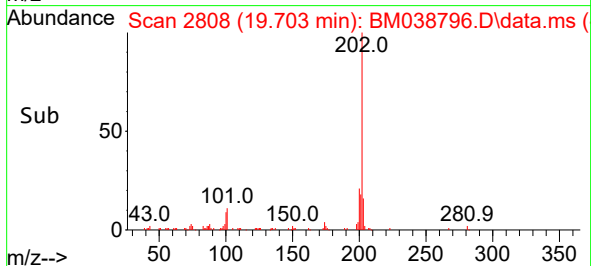
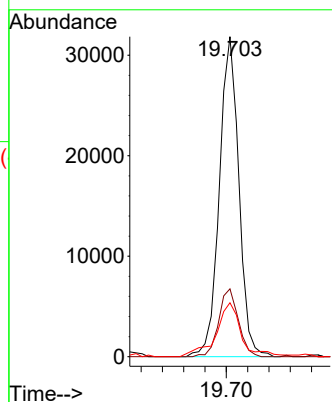
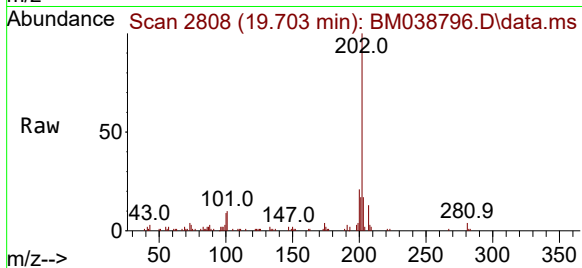
Tgt Ion:202 Resp: 40341

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

203 16.9 13.5 20.3



#79

Terphenyl-d14

Concen: 114.511 ng

RT: 19.903 min Scan# 2842

Delta R.T. -0.006 min

Lab File: BM038796.D

Acq: 20 Feb 2023 20:49

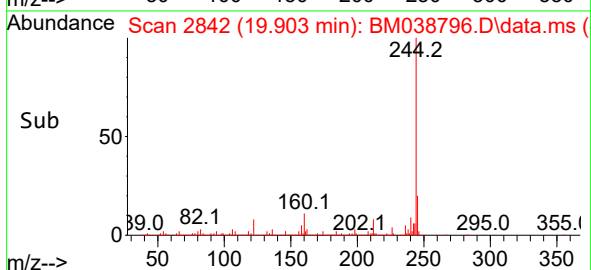
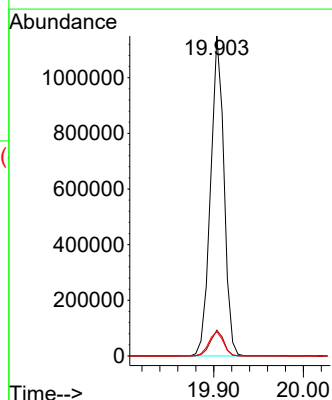
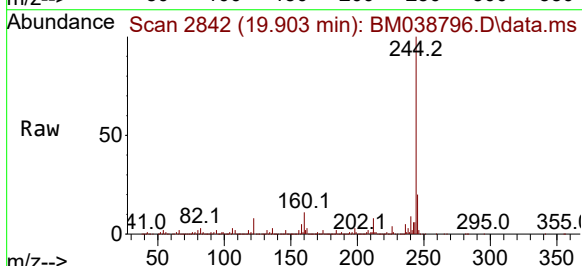
Tgt Ion:244 Resp: 1192232

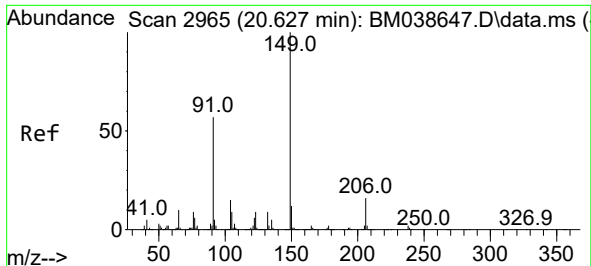
Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

122 7.6 7.8 11.8#

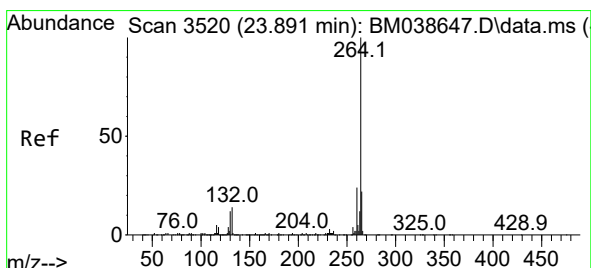
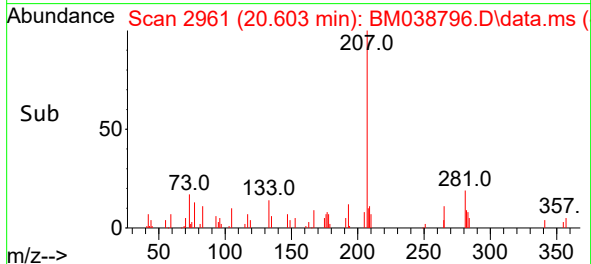
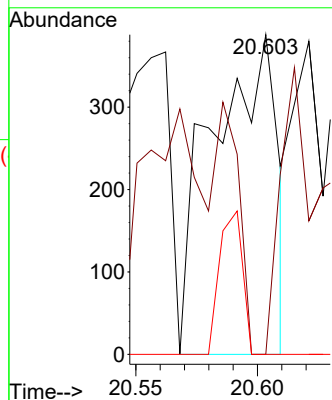
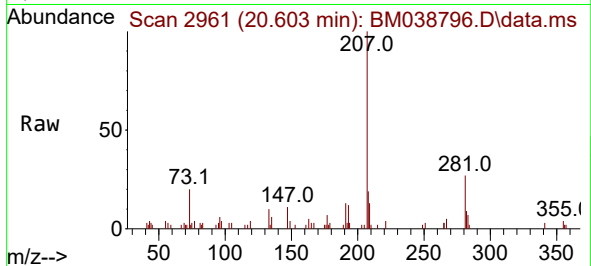




#80
Butylbenzylphthalate
Concen: 2.043 ng
RT: 20.603 min Scan# 2961
Delta R.T. 0.000 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

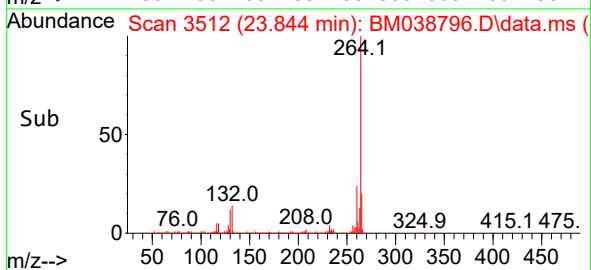
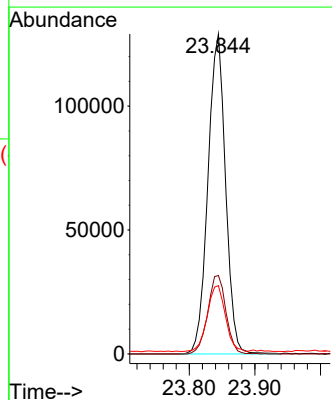
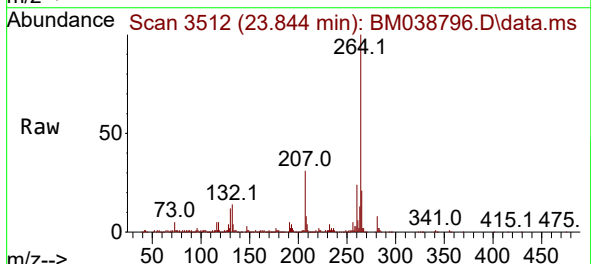
Instrument :
BNA_M
ClientSampleId :
B-26-SB02

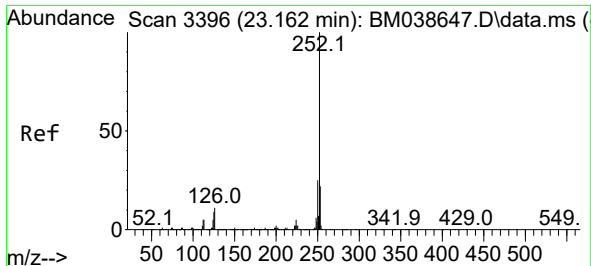
Tgt Ion:149 Resp: 721
Ion Ratio Lower Upper
149 100
91 0.0 45.6 68.4#
206 0.0 12.5 18.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.844 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion:264 Resp: 240919
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 21.4 17.9 26.9

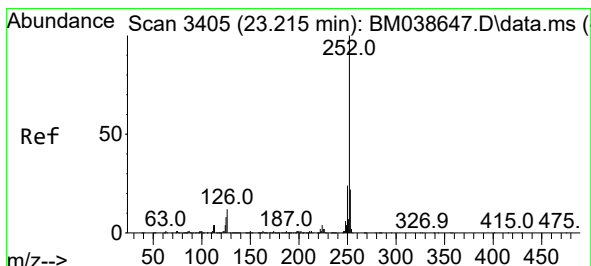
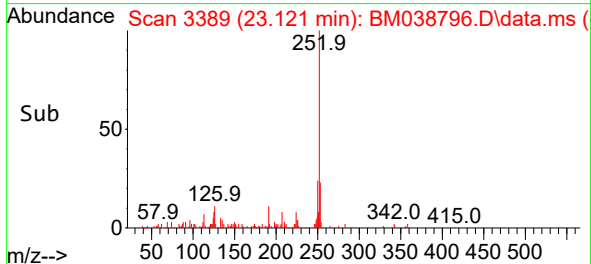
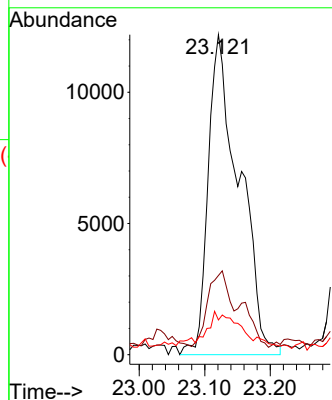
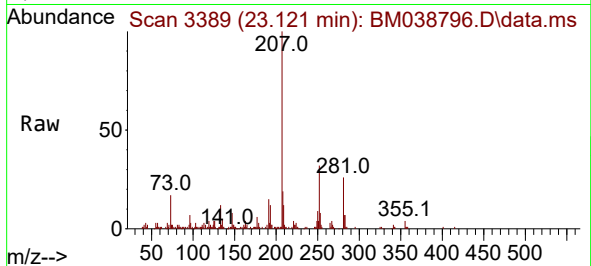




#88
Benzo(b)fluoranthene
Concen: 2.784 ng
RT: 23.121 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Instrument :
BNA_M
ClientSampleId :
B-26-SB02

Tgt Ion:252 Resp: 40169
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.2
125 10.9 7.0 10.6#



#89
Benzo(k)fluoranthene
Concen: 2.741 ng
RT: 23.121 min Scan# 3389
Delta R.T. -0.053 min
Lab File: BM038796.D
Acq: 20 Feb 2023 20:49

Tgt Ion:252 Resp: 40169
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 10.9 6.6 9.8#

