

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
 Data File : BM035796.D
 Acq On : 13 Jul 2022 14:48
 Operator : CG/JU
 Sample : PB146151BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB146151BL

Quant Time: Jul 14 01:24:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 14 01:21:21 2022
 Response via : Initial Calibration

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

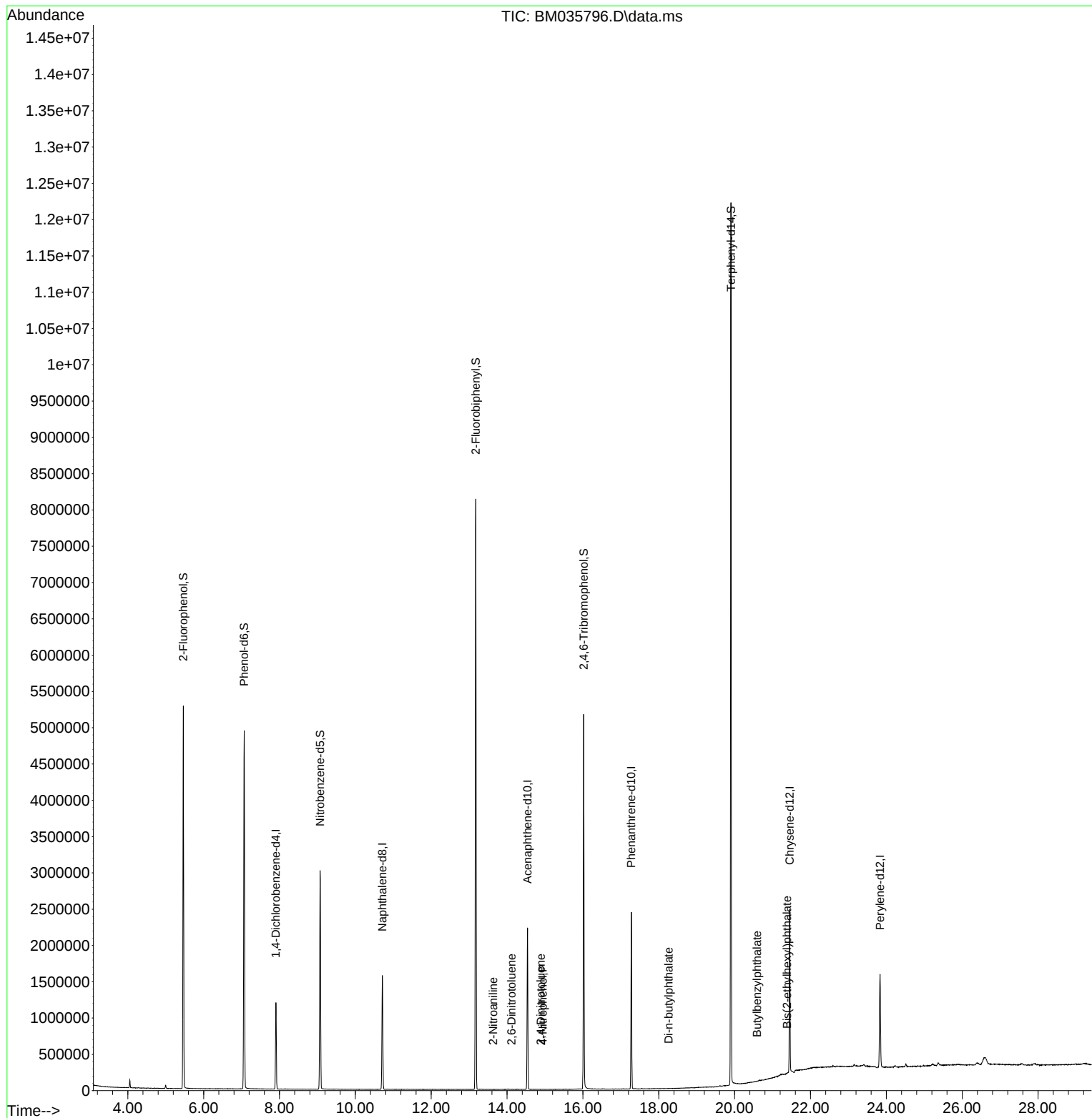
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	311716	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1292056	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	718390	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1356834	20.000	ng	0.00
76) Chrysene-d12	21.451	240	996738	20.000	ng	0.00
86) Perylene-d12	23.833	264	912693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	2154369	112.259	ng	0.00
7) Phenol-d6	7.069	99	2669241	111.195	ng	0.00
23) Nitrobenzene-d5	9.069	82	1657045	73.317	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	880962	120.757	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4027833	78.192	ng	0.00
79) Terphenyl-d14	19.904	244	5416159	105.482	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.634	65	112	3.606	ng	# 5
51) 2,6-Dinitrotoluene	14.116	165	55	2.301	ng	# 32
56) 4-Nitrophenol	14.939	139	66	4.057	ng	# 3
57) 2,4-Dinitrotoluene	14.892	165	111	3.344	ng	# 46
74) Di-n-butylphthalate	18.257	149	930	2.275	ng	# 78
80) Butylbenzylphthalate	20.592	149	523	4.182	ng	# 83
84) Bis(2-ethylhexyl)phtha...	21.380	149	1179	3.267	ng	# 85

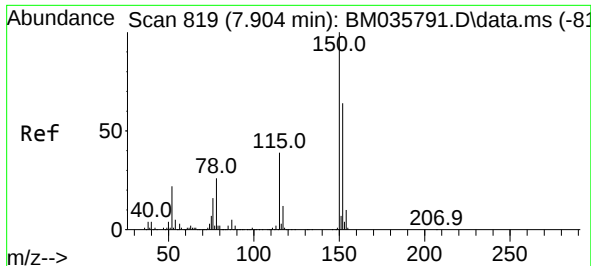
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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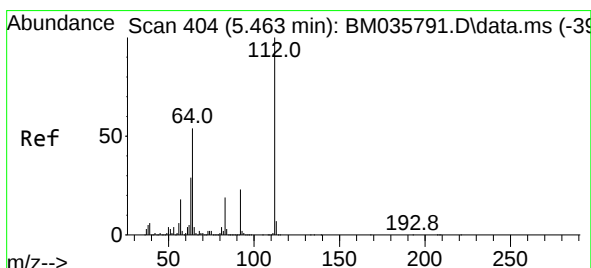
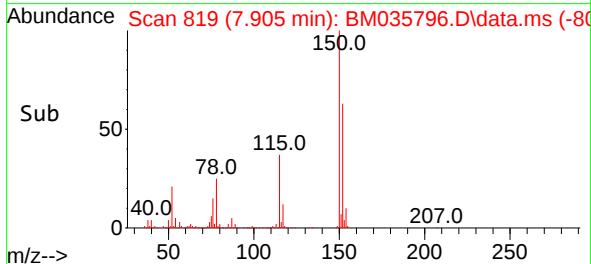
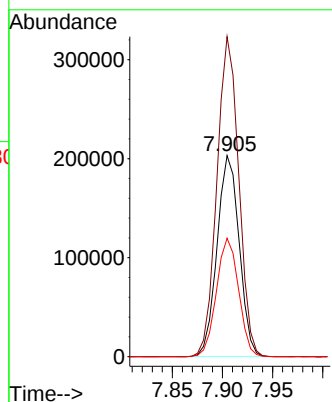
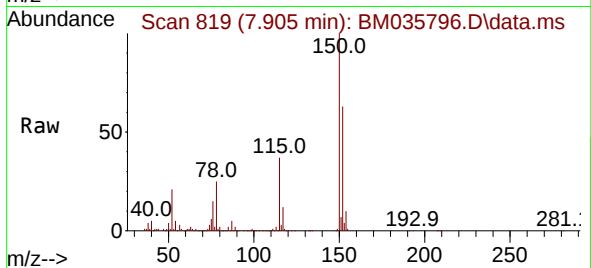




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. 0.001 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

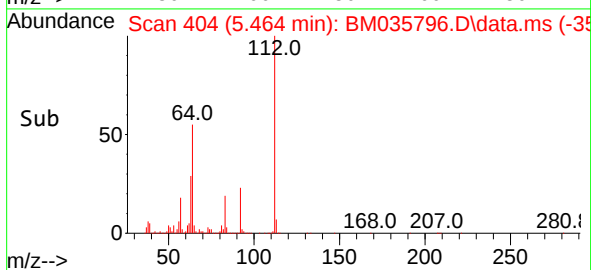
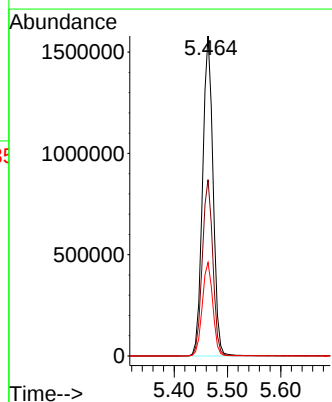
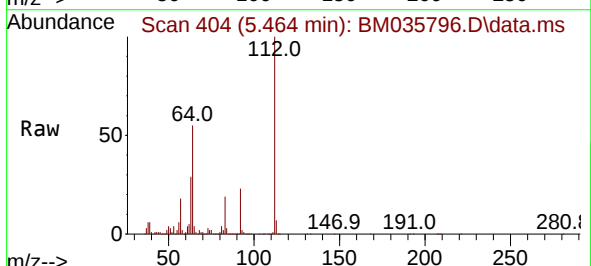
Instrument :
BNA_M
ClientSampleId :
PB146151BL

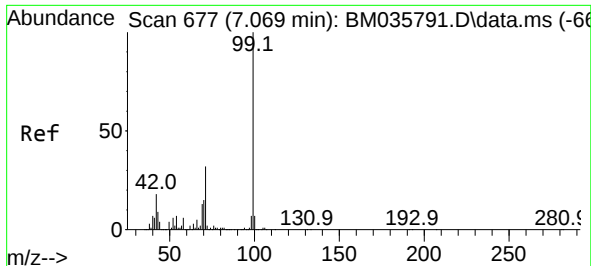
Tgt Ion:152 Resp: 311716
Ion Ratio Lower Upper
152 100
150 159.1 124.9 187.3
115 58.9 47.9 71.9



#5
2-Fluorophenol
Concen: 112.259 ng
RT: 5.464 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

Tgt Ion:112 Resp: 2154369
Ion Ratio Lower Upper
112 100
64 55.1 47.8 71.6
63 29.2 26.6 40.0

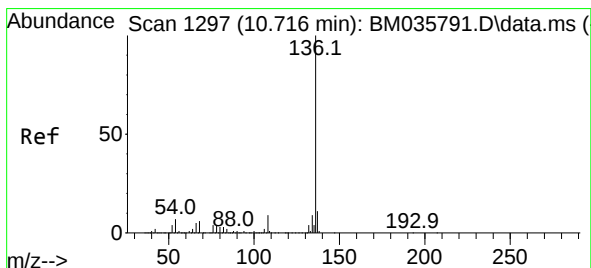
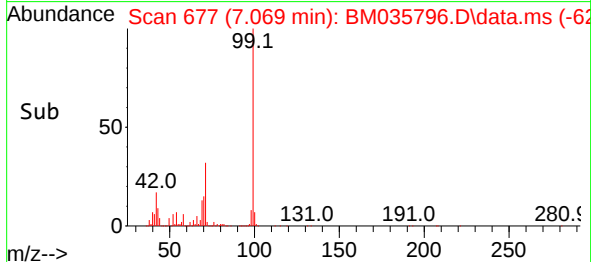
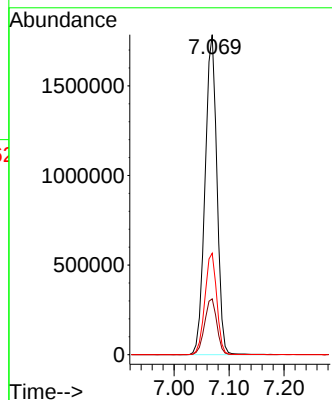
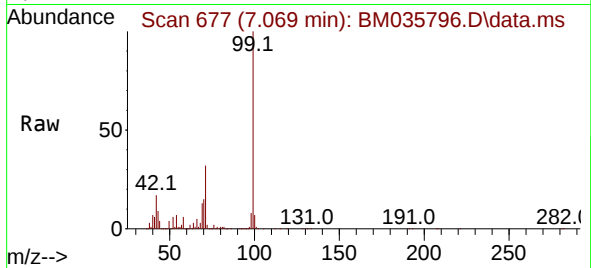




#7
Phenol-d6
Concen: 111.195 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

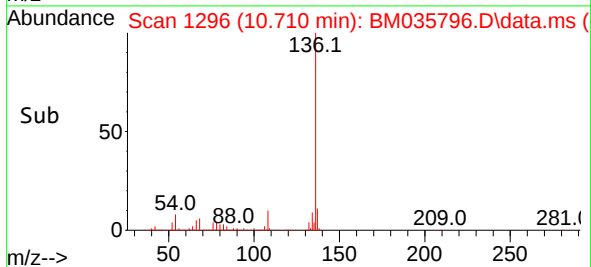
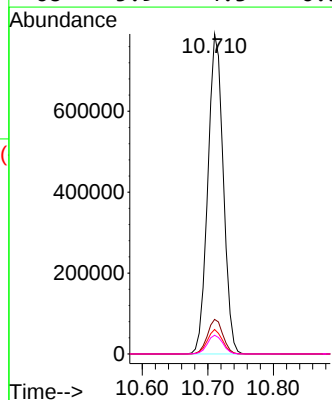
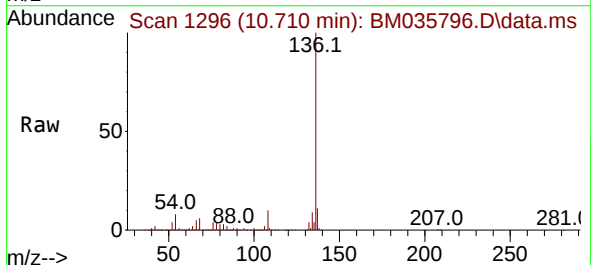
Instrument :
BNA_M
ClientSampleId :
PB146151BL

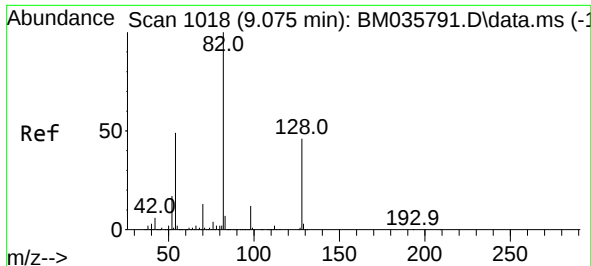
Tgt Ion: 99 Resp: 2669241
Ion Ratio Lower Upper
99 100
42 17.5 18.8 28.2#
71 31.7 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

Tgt Ion: 136 Resp: 1292056
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.7 7.0 10.4
68 5.9 4.3 6.5





#23

Nitrobenzene-d5

Concen: 73.317 ng

RT: 9.069 min Scan# 1018

Delta R.T. -0.005 min

Lab File: BM035796.D

Acq: 13 Jul 2022 14:48

Instrument :

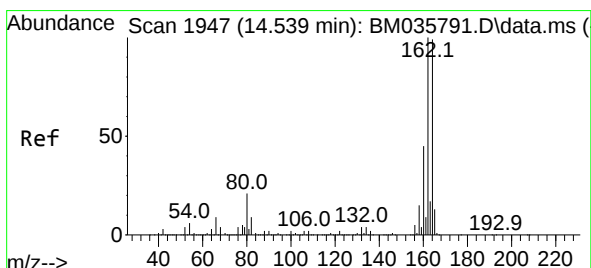
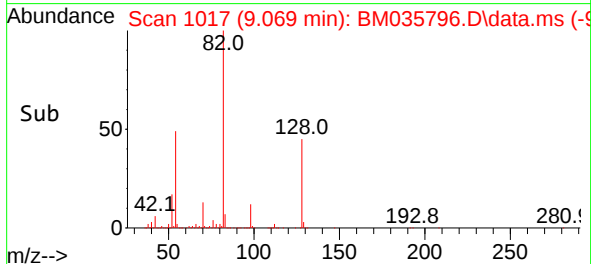
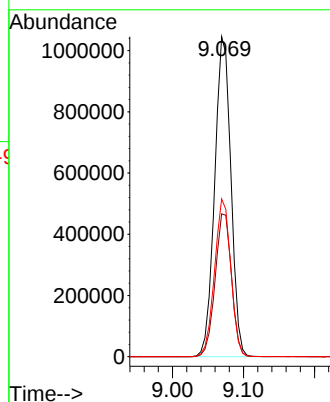
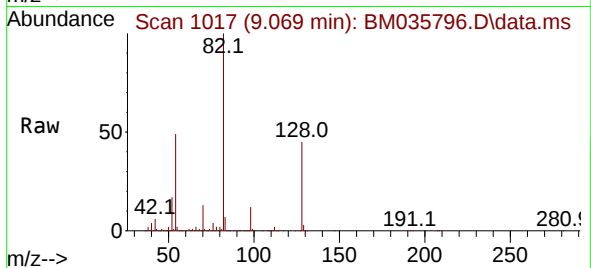
BNA_M

ClientSampleId :

PB146151BL

Tgt Ion: 82 Resp: 1657045

Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.7	50.5
54	49.3	43.2	64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

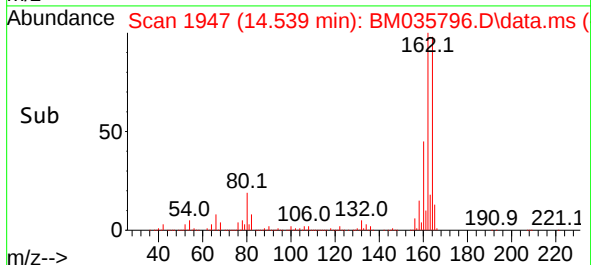
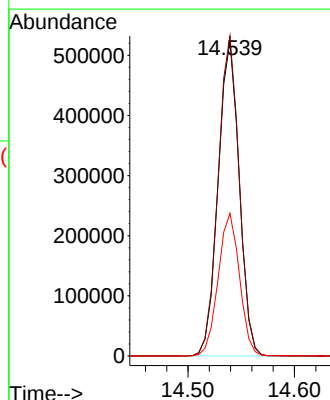
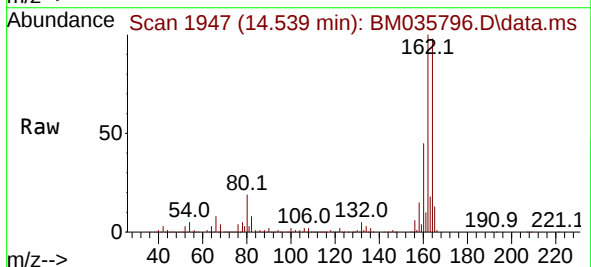
Delta R.T. 0.000 min

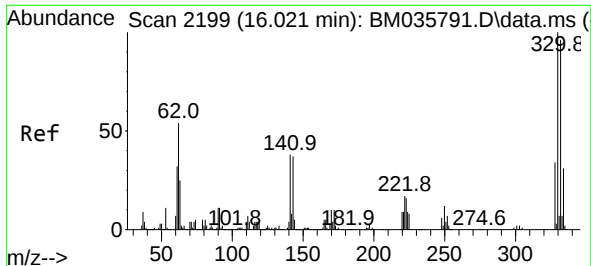
Lab File: BM035796.D

Acq: 13 Jul 2022 14:48

Tgt Ion:164 Resp: 718390

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.0	124.6
160	45.3	37.0	55.4

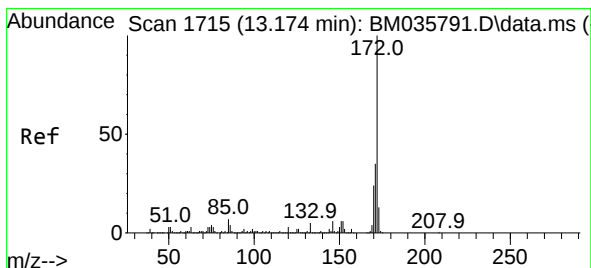
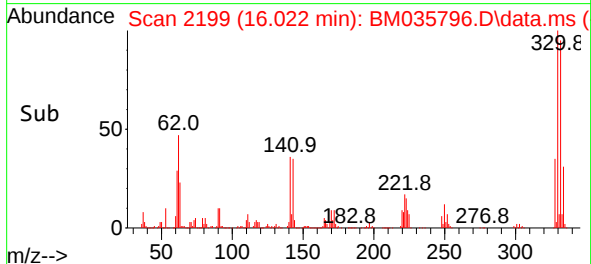
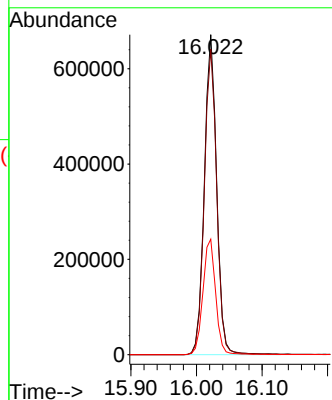
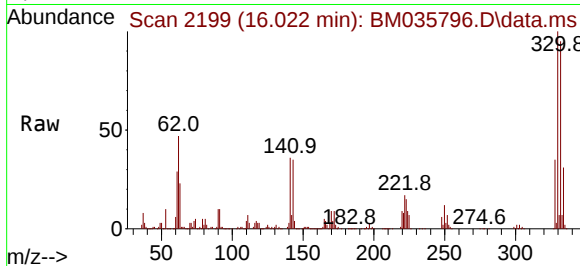




#42
2,4,6-Tribromophenol
Concen: 120.757 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

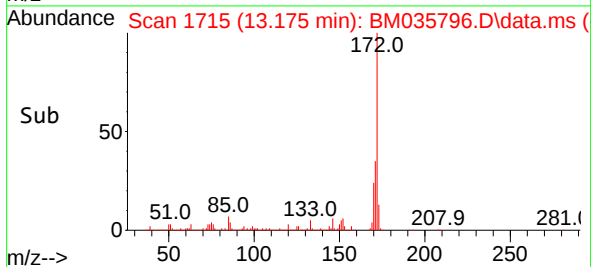
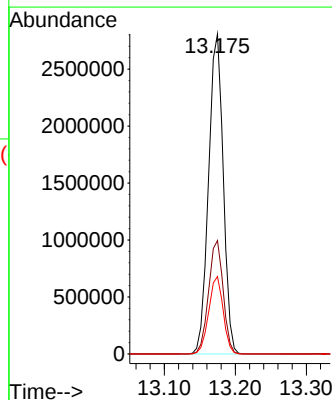
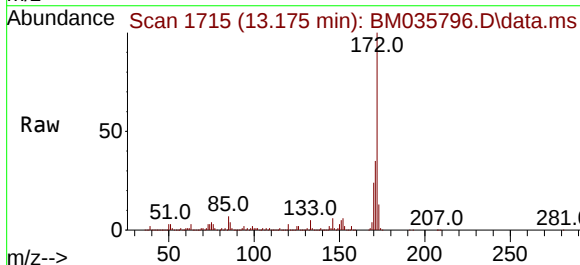
Instrument :
BNA_M
ClientSampleId :
PB146151BL

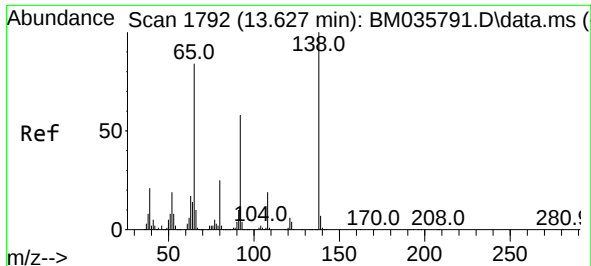
Tgt Ion:330 Resp: 880962
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 37.4 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 78.192 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

Tgt Ion:172 Resp: 4027833
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.2 18.7 28.1

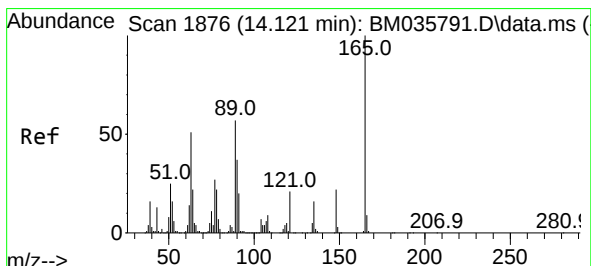
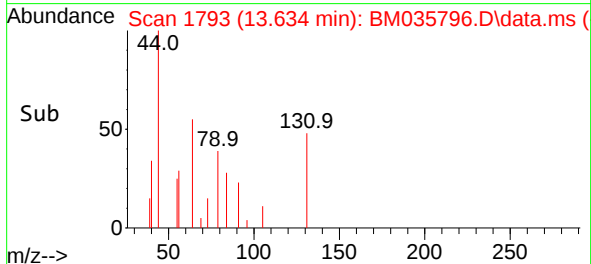
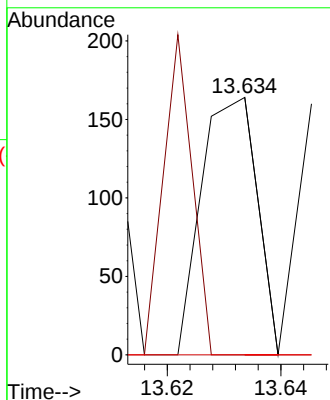
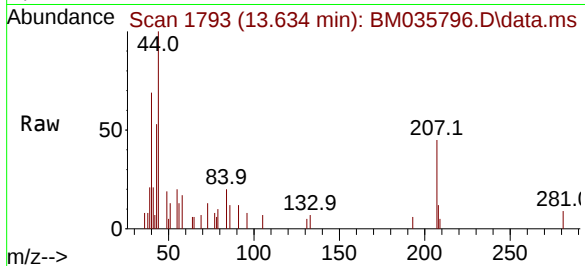




#48
2-Nitroaniline
Concen: 3.606 ng
RT: 13.634 min Scan# 11
Delta R.T. 0.007 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

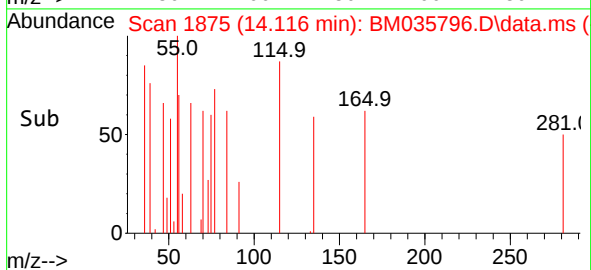
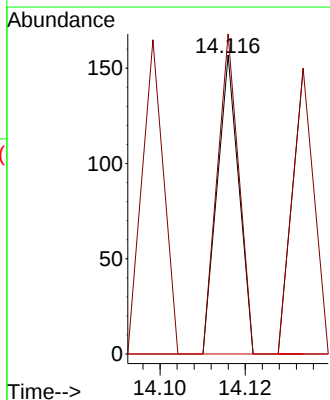
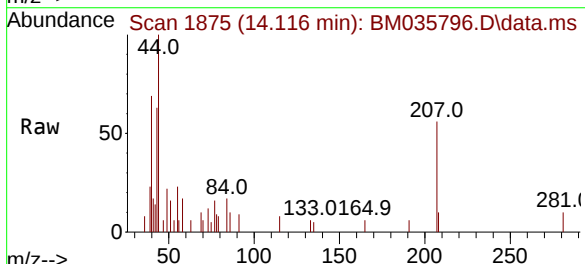
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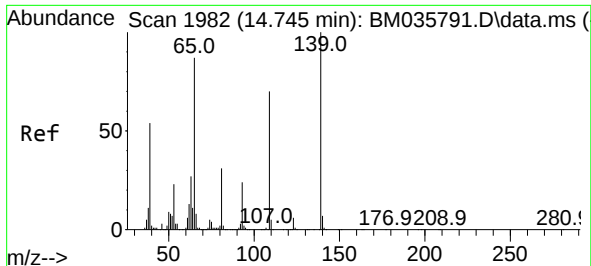
Tgt Ion: 65 Resp: 112
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 83.9 125.9#



#51
2,6-Dinitrotoluene
Concen: 2.301 ng
RT: 14.116 min Scan# 1875
Delta R.T. -0.005 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

Tgt Ion: 165 Resp: 55
Ion Ratio Lower Upper
165 100
63 107.0 50.2 75.2#
89 0.0 48.4 72.6#

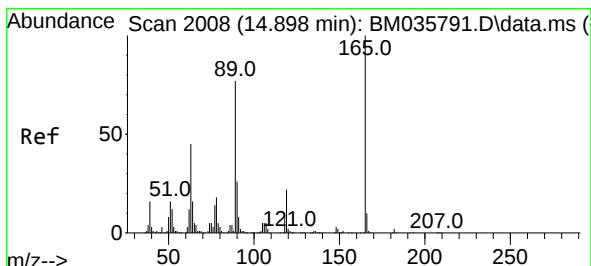
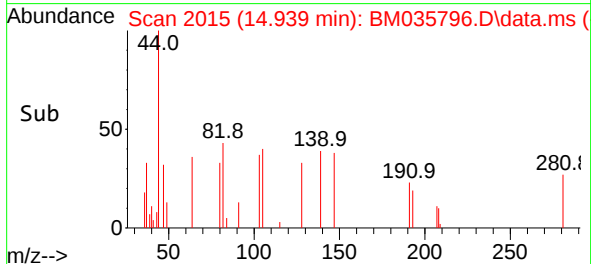
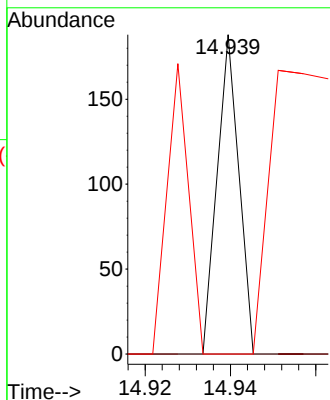
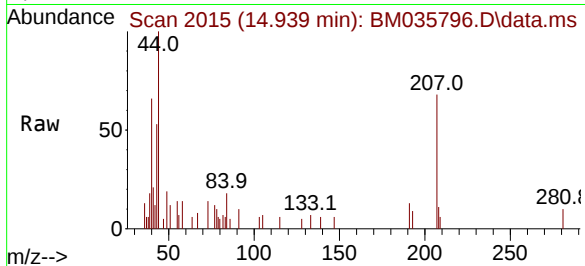




#56
4-Nitrophenol
Concen: 4.057 ng
RT: 14.939 min Scan# 2015
Delta R.T. 0.194 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

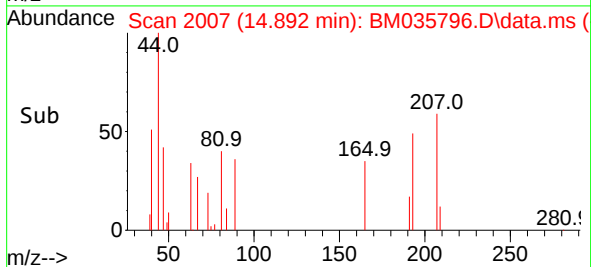
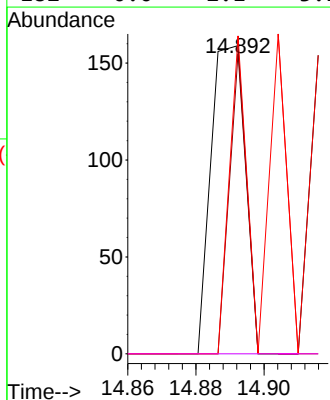
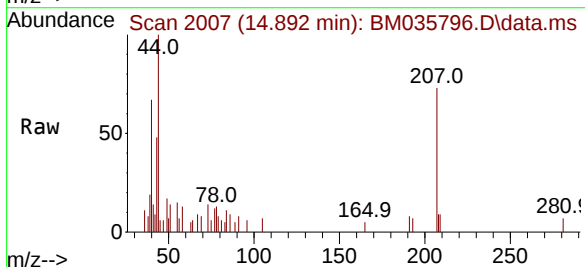
Instrument :
BNA_M
ClientSampleId :
PB146151BL

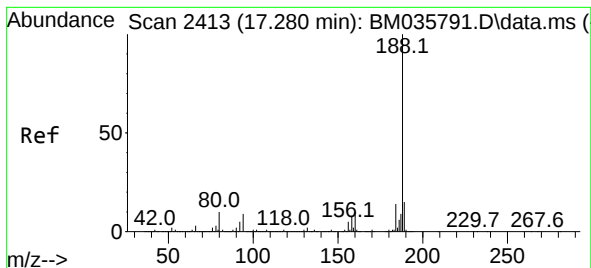
Tgt Ion:139 Resp: 66
Ion Ratio Lower Upper
139 100
109 0.0 62.5 102.5#
65 0.0 83.5 123.5#



#57
2,4-Dinitrotoluene
Concen: 3.344 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

Tgt Ion:165 Resp: 111
Ion Ratio Lower Upper
165 100
63 97.5 35.6 53.4#
89 103.1 57.3 85.9#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.275 min Scan# 2413

Delta R.T. -0.005 min

Lab File: BM035796.D

Acq: 13 Jul 2022 14:48

Instrument :

BNA_M

ClientSampleId :

PB146151BL

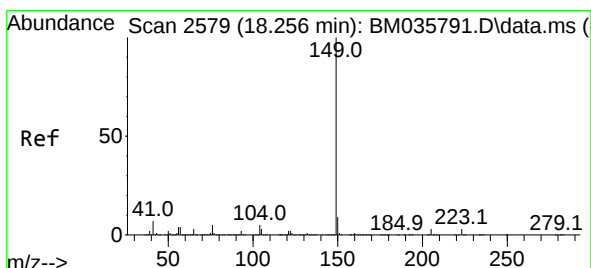
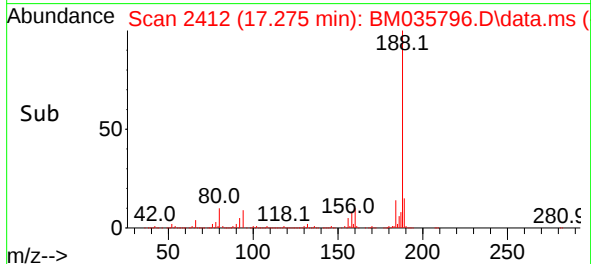
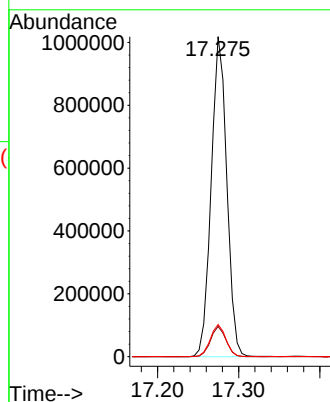
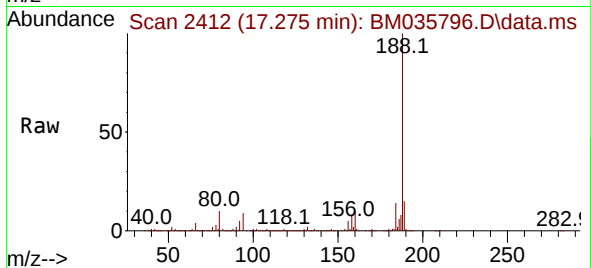
Tgt Ion:188 Resp: 1356834

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.1 7.6 11.4



#74

Di-n-butylphthalate

Concen: 2.275 ng

RT: 18.257 min Scan# 2579

Delta R.T. 0.001 min

Lab File: BM035796.D

Acq: 13 Jul 2022 14:48

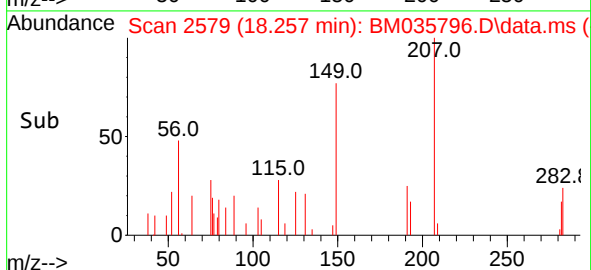
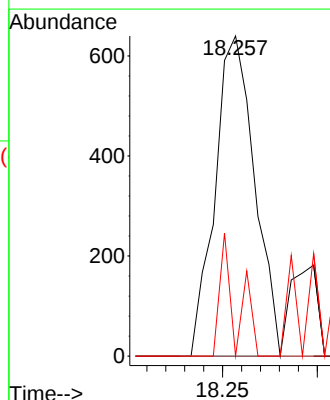
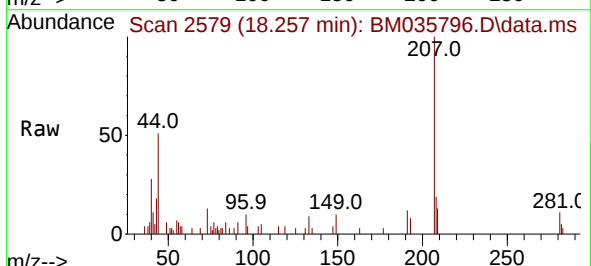
Tgt Ion:149 Resp: 930

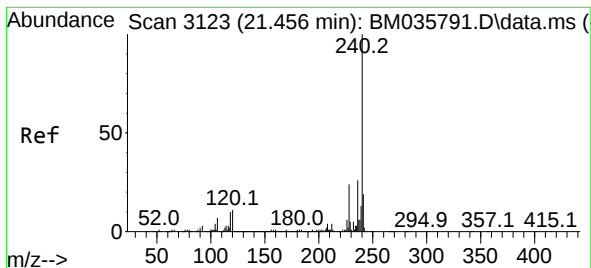
Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

104 0.0 4.3 6.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.451 min Scan# 31

Delta R.T. -0.005 min

Lab File: BM035796.D

Acq: 13 Jul 2022 14:48

Instrument :

BNA_M

ClientSampleId :

PB146151BL

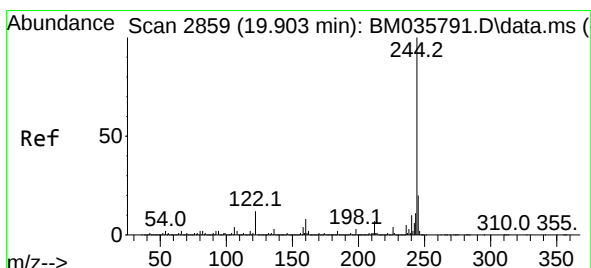
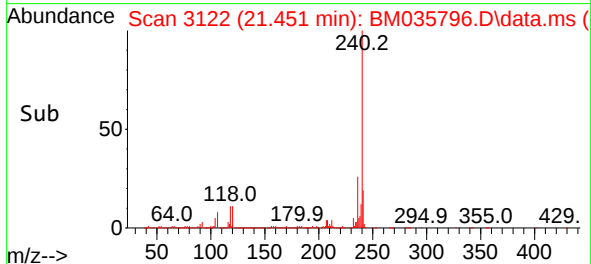
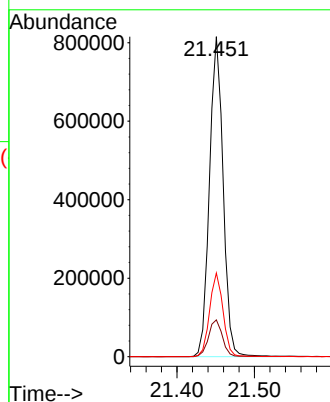
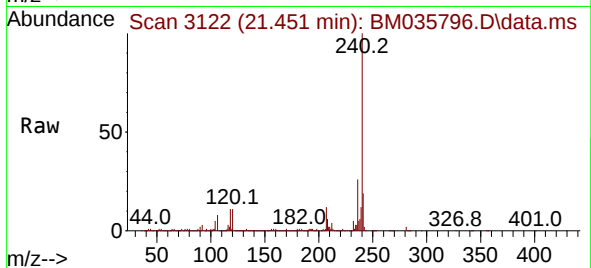
Tgt Ion:240 Resp: 996738

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.0

236 26.2 20.6 30.8



#79

Terphenyl-d14

Concen: 105.482 ng

RT: 19.904 min Scan# 2859

Delta R.T. 0.001 min

Lab File: BM035796.D

Acq: 13 Jul 2022 14:48

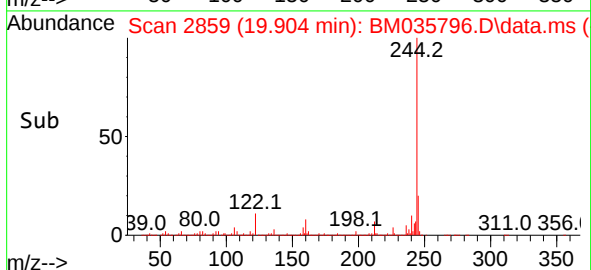
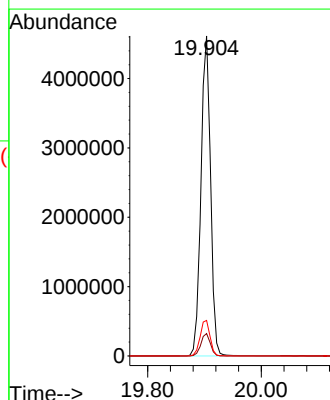
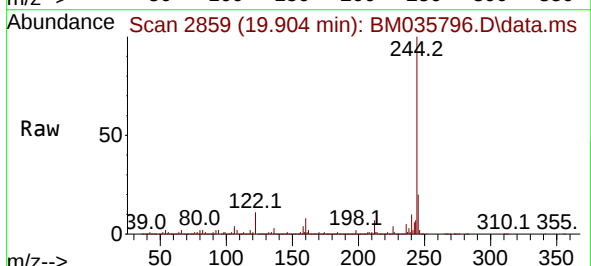
Tgt Ion:244 Resp: 5416159

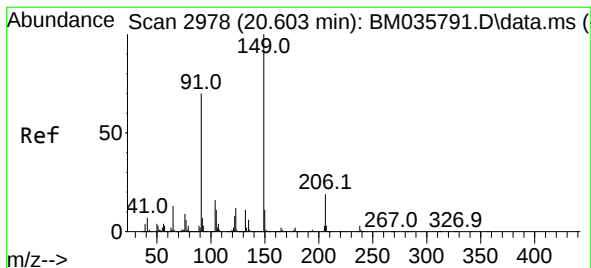
Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 11.1 8.3 12.5





#80

Butylbenzylphthalate

Concen: 4.182 ng

RT: 20.592 min Scan# 2976

Delta R.T. -0.011 min

Lab File: BM035796.D

Acq: 13 Jul 2022 14:48

Instrument :

BNA_M

ClientSampleId :

PB146151BL

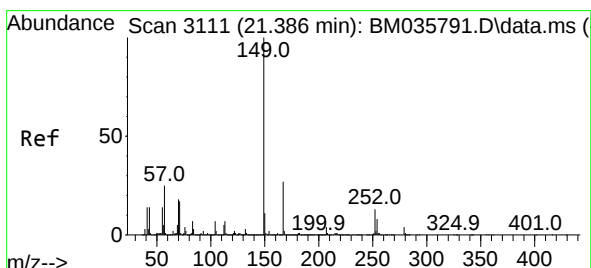
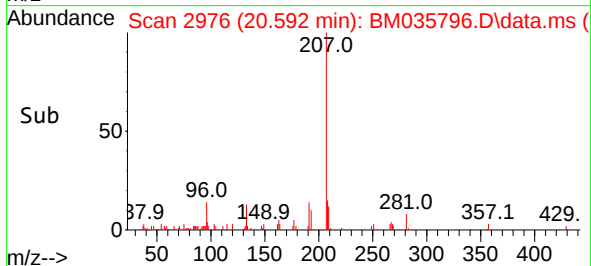
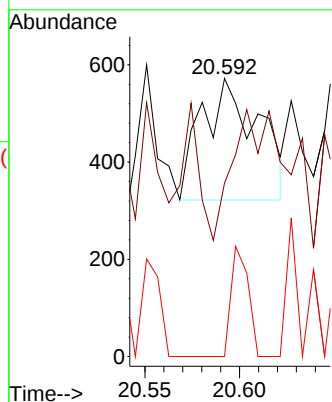
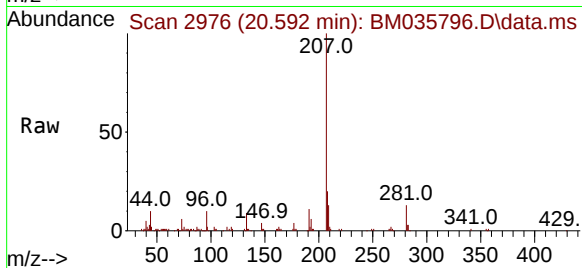
Tgt Ion:149 Resp: 523

Ion Ratio Lower Upper

149 100

91 62.4 56.6 85.0

206 0.0 15.4 23.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.267 ng

RT: 21.380 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM035796.D

Acq: 13 Jul 2022 14:48

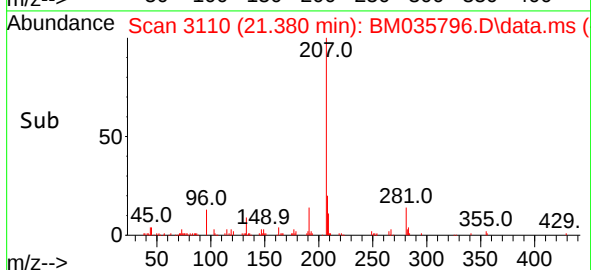
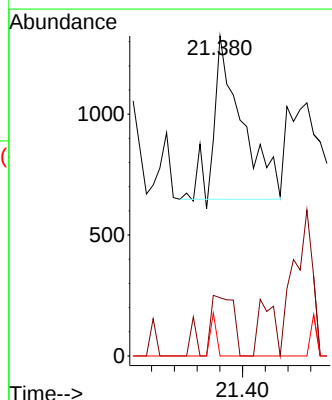
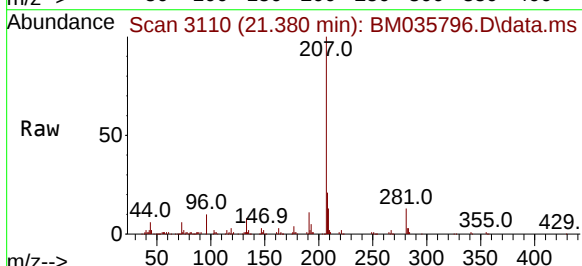
Tgt Ion:149 Resp: 1179

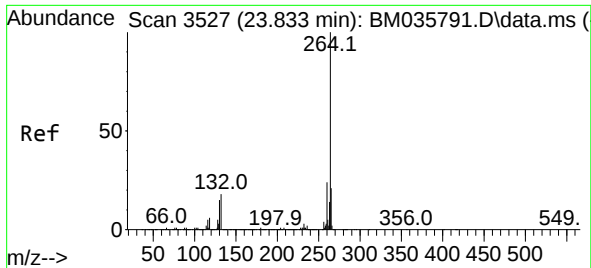
Ion Ratio Lower Upper

149 100

167 18.2 21.1 31.7#

279 0.0 2.8 4.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.833 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM035796.D
Acq: 13 Jul 2022 14:48

Instrument :
BNA_M
ClientSampleId :
PB146151BL

Tgt Ion:264 Resp: 912693

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.0	17.5	26.3

